# AGRICULTURE, FORESTRY, AND FISHERIES.

## No. 62.—NUMBER AND ACREAGE OF FARMS AND NUMBER OF ACRES IMPROVED AND UNIMPROVED: BY STATES AND TERRITORIES, 1880, 1890, AND 1900.

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| State or Territory. | Census year. | Number of farms. [a] | Number of acres in farms. | | | Average number of acres to a farm. | Per cent of farm land improved. |
|---|---|---|---|---|---|---|---|
| | | | Improved. | Unimproved. | Total. | | |
| Alabama | 1880 | 135,864 | 6,375,706 | 12,479,628 | 18,855,334 | 138.8 | 33.8 |
| | 1890 | 157,772 | 7,698,343 | 12,154,657 | 19,853,000 | 125.8 | 38.8 |
| | 1900 | 223,220 | 8,654,991 | 12,030,436 | 20,685,427 | 92.7 | 41.8 |
| Arizona | 1880 | 767 | 56,071 | 79,502 | 135,573 | 176.8 | 41.4 |
| | 1890 | 1,426 | 104,128 | 1,192,905 | 1,297,033 | 909.6 | 8.0 |
| | 1900 | 5,809 | 254,521 | 1,680,806 | 1,935,327 | 333.2 | 13.2 |
| Arkansas | 1880 | 94,433 | 3,595,603 | 8,465,944 | 12,061,547 | 127.7 | 29.8 |
| | 1890 | 124,760 | 5,475,043 | 9,416,313 | 14,891,356 | 119.4 | 36.8 |
| | 1900 | 178,694 | 6,953,735 | 9,682,984 | 16,636,719 | 93.1 | 41.8 |
| California | 1880 | 35,934 | 10,669,698 | 5,924,044 | 16,593,742 | 461.8 | 64.3 |
| | 1890 | 52,894 | 12,222,839 | 9,204,454 | 21,427,293 | 405.0 | 57.0 |
| | 1900 | 72,542 | 11,958,837 | 16,870,114 | 28,828,951 | 397.4 | 41.5 |
| Colorado | 1880 | 4,506 | 616,169 | 549,204 | 1,165,373 | 258.6 | 52.9 |
| | 1890 | 16,389 | 1,823,520 | 2,775,421 | 4,598,941 | 280.6 | 39.7 |
| | 1900 | 24,700 | 2,273,968 | 7,200,620 | 9,474,588 | 383.6 | 24.0 |
| Connecticut | 1880 | 30,598 | 1,642,188 | 811,353 | 2,453,541 | 80.2 | 66.9 |
| | 1890 | 26,350 | 1,379,419 | 874,013 | 2,253,432 | 85.5 | 61.2 |
| | 1900 | 26,948 | 1,064,525 | 1,247,563 | 2,312,088 | 85.8 | 46.0 |
| Delaware | 1880 | 8,749 | 746,958 | 343,287 | 1,090,245 | 124.6 | 68.5 |
| | 1890 | 9,381 | 762,655 | 293,037 | 1,055,692 | 112.5 | 72.2 |
| | 1900 | 9,687 | 754,010 | 312,218 | 1,066,228 | 110.1 | 70.7 |
| District of Columbia | 1880 | 435 | 12,632 | 5,514 | 18,146 | 41.7 | 69.6 |
| | 1890 | 382 | 9,898 | 1,847 | 11,745 | 30.7 | 84.3 |
| | 1900 | 269 | 5,934 | 2,555 | 8,489 | 31.6 | 69.9 |
| Florida | 1880 | 23,438 | 947,640 | 2,349,684 | 3,297,324 | 140.7 | 28.7 |
| | 1890 | 34,228 | 1,145,693 | 2,528,793 | 3,674,486 | 107.4 | 31.2 |
| | 1900 | 40,814 | 1,511,653 | 2,852,238 | 4,363,891 | 106.9 | 34.6 |
| Georgia | 1880 | 138,626 | 8,204,720 | 17,838,562 | 26,043,282 | 187.9 | 31.5 |
| | 1890 | 171,071 | 9,582,866 | 15,617,569 | 25,200,435 | 147.3 | 38.0 |
| | 1900 | 224,691 | 10,615,644 | 15,776,413 | 26,392,057 | 117.5 | 40.2 |
| Idaho | 1880 | 1,885 | 197,407 | 130,391 | 327,798 | 173.9 | 60.2 |
| | 1890 | 6,603 | 606,362 | 695,894 | 1,302,256 | 197.2 | 46.6 |
| | 1900 | 17,471 | 1,413,118 | 1,791,785 | 3,204,903 | 183.4 | 44.1 |
| Illinois | 1880 | 255,741 | 26,115,154 | 5,558,491 | 31,673,645 | 123.8 | 82.5 |
| | 1890 | 240,681 | 25,669,060 | 4,829,217 | 30,498,277 | 126.7 | 84.2 |
| | 1900 | 264,151 | 27,699,219 | 5,095,509 | 32,794,728 | 124.2 | 84.5 |
| Indiana | 1880 | 194,013 | 13,933,738 | 6,487,245 | 20,420,983 | 105.3 | 68.2 |
| | 1890 | 198,167 | 15,107,482 | 5,255,034 | 20,362,516 | 102.8 | 74.2 |
| | 1900 | 221,897 | 16,680,358 | 4,939,265 | 21,619,623 | 97.4 | 77.2 |
| Indian Territory | 1900 | 45,505 | 3,062,193 | 4,206,888 | 7,269,081 | 159.7 | 42.1 |
| Iowa | 1880 | 185,351 | 19,866,541 | 4,886,159 | 24,752,700 | 133.5 | 80.3 |
| | 1890 | 201,903 | 25,428,899 | 5,062,642 | 30,491,541 | 151.0 | 83.4 |
| | 1900 | 228,622 | 29,897,552 | 4,676,785 | 34,574,337 | 151.2 | 86.5 |
| Kansas | 1880 | 138,561 | 10,739,566 | 10,677,902 | 21,417,468 | 154.6 | 50.1 |
| | 1890 | 166,617 | 22,303,301 | 7,911,155 | 30,214,456 | 181.3 | 73.8 |
| | 1900 | 178,098 | 25,040,550 | 16,622,420 | 41,662,970 | 240.7 | 60.1 |
| Kentucky | 1880 | 166,453 | 10,731,683 | 10,763,557 | 21,495,240 | 129.1 | 49.9 |
| | 1890 | 179,264 | 11,818,882 | 9,593,347 | 21,412,229 | 119.4 | 55.2 |
| | 1900 | 234,667 | 13,741,968 | 8,237,454 | 21,979,422 | 93.7 | 62.5 |
| Louisiana | 1880 | 48,292 | 2,739,972 | 5,533,534 | 8,273,506 | 171.3 | 33.1 |
| | 1890 | 69,294 | 3,774,668 | 5,769,551 | 9,544,219 | 137.7 | 39.5 |
| | 1900 | 115,969 | 4,666,582 | 6,392,595 | 11,059,127 | 95.4 | 42.2 |
| Maine | 1880 | 64,309 | 3,484,908 | 3,067,670 | 6,552,578 | 101.9 | 53.2 |
| | 1890 | 62,013 | 3,044,666 | 3,135,259 | 6,179,925 | 99.7 | 49.3 |
| | 1900 | 59,299 | 2,886,889 | 3,913,057 | 6,299,946 | 106.2 | 37.9 |
| Maryland | 1880 | 40,517 | 3,342,700 | 1,777,131 | 5,119,831 | 126.4 | 65.3 |
| | 1890 | 40,798 | 3,412,908 | 1,539,482 | 4,952,390 | 121.4 | 68.9 |
| | 1900 | 46,012 | 3,516,352 | 1,653,723 | 5,170,075 | 112.4 | 68.0 |

[a] For 1880 and 1890 farms with an area under 3 acres, which reported the sale of products of less than $500 in the census year, are not included.

No. 62.—NUMBER AND ACREAGE OF FARMS AND NUMBER OF ACRES IMPROVED AND UNIMPROVED, BY STATES AND TERRITORIES, 1880, 1890, AND 1900—Continued.

| State or Territory. | Census year. | Number of farms. | Number of acres in farms. | | | Average number of acres to a farm. | Per cent of farm land improved. |
|---|---|---|---|---|---|---|---|
| | | | Improved. | Unimproved. | Total. | | |
| Massachusetts | 1880 | 38,406 | 2,128,311 | 1,230,768 | 3,359,079 | 87.5 | 63.4 |
| | 1890 | 34,374 | 1,657,024 | 1,341,258 | 2,998,282 | 87.2 | 55.3 |
| | 1900 | 37,715 | 1,292,132 | 1,854,932 | 3,147,064 | 83.4 | 41.1 |
| Michigan | 1880 | 154,008 | 8,296,862 | 5,510,378 | 13,807,240 | 89.7 | 60.1 |
| | 1890 | 172,344 | 9,865,350 | 4,920,286 | 14,785,636 | 85.8 | 66.7 |
| | 1900 | 203,261 | 11,799,250 | 5,762,448 | 17,561,698 | 86.4 | 67.2 |
| Minnesota | 1880 | 92,386 | 7,246,693 | 6,156,326 | 13,403,019 | 145.1 | 54.1 |
| | 1890 | 116,851 | 11,127,958 | 7,535,692 | 18,663,645 | 159.7 | 59.6 |
| | 1900 | 154,659 | 18,442,585 | 7,805,913 | 26,248,498 | 169.7 | 70.3 |
| Mississippi | 1880 | 101,772 | 5,216,937 | 10,638,525 | 15,855,462 | 155.8 | 32.9 |
| | 1890 | 144,318 | 6,849,390 | 10,723,157 | 17,572,547 | 121.8 | 39.0 |
| | 1900 | 220,803 | 7,594,428 | 10,646,308 | 18,240,736 | 82.6 | 41.6 |
| Missouri | 1880 | 215,575 | 16,745,031 | 11,134,245 | 27,879,276 | 129.3 | 60.1 |
| | 1890 | 238,043 | 19,792,313 | 10,987,977 | 30,780,290 | 129.3 | 64.3 |
| | 1900 | 284,886 | 22,900,043 | 11,097,880 | 33,997,873 | 119.3 | 67.4 |
| Montana | 1880 | 1,519 | 262,611 | 143,072 | 405,683 | 267.1 | 64.7 |
| | 1890 | 5,603 | 915,617 | 1,048,680 | 1,964,197 | 350.5 | 46.6 |
| | 1900 | 13,370 | 1,736,701 | 10,107,753 | 11,844,454 | 885.9 | 14.7 |
| Nebraska | 1880 | 63,387 | 5,504,702 | 4,440,124 | 9,944,826 | 156.9 | 55.4 |
| | 1890 | 113,608 | 15,247,705 | 6,345,739 | 21,593,444 | 190.1 | 70.6 |
| | 1900 | 121,525 | 18,432,595 | 11,479,184 | 29,911,779 | 246.1 | 61.6 |
| Nevada | 1880 | 1,404 | 344,423 | 186,439 | 530,862 | 378.1 | 64.9 |
| | 1890 | 1,277 | 723,052 | 938,364 | 1,661,416 | 1,301.0 | 43.5 |
| | 1900 | 2,184 | 572,946 | 1,992,701 | 2,565,647 | 1,174.7 | 22.3 |
| New Hampshire | 1880 | 32,181 | 2,308,112 | 1,413,061 | 3,721,173 | 115.6 | 62.0 |
| | 1890 | 29,151 | 1,727,387 | 1,731,631 | 3,459,018 | 118.7 | 49.9 |
| | 1900 | 29,324 | 1,076,879 | 2,532,985 | 3,609,864 | 123.1 | 29.8 |
| New Jersey | 1880 | 34,307 | 2,096,297 | 833,476 | 2,929,773 | 85.4 | 71.6 |
| | 1890 | 30,828 | 1,999,117 | 662,892 | 2,662,009 | 86.4 | 75.1 |
| | 1900 | 34,050 | 1,977,042 | 863,924 | 2,840,966 | 82.0 | 69.6 |
| New Mexico | 1880 | 5,053 | 237,392 | 393,739 | 631,131 | 124.9 | 37.6 |
| | 1890 | 4,458 | 263,106 | 524,776 | 787,882 | 176.7 | 33.4 |
| | 1900 | 12,311 | 326,873 | 4,804,005 | 5,130,878 | 416.8 | 6.4 |
| New York | 1880 | 241,058 | 17,717,862 | 6,062,892 | 23,780,754 | 98.7 | 74.5 |
| | 1890 | 226,223 | 16,389,380 | 5,572,182 | 21,961,562 | 97.1 | 74.6 |
| | 1900 | 226,720 | 15,599,986 | 7,048,123 | 22,648,109 | 99.9 | 68.9 |
| North Carolina | 1880 | 157,699 | 6,481,191 | 15,882,367 | 22,363,558 | 141.9 | 29.0 |
| | 1890 | 178,359 | 7,828,569 | 14,823,327 | 22,651,896 | 127.0 | 34.6 |
| | 1900 | 224,637 | 8,327,106 | 14,422,250 | 22,749,356 | 101.3 | 36.6 |
| North Dakota | 1880 | [a] | [a] | [a] | [a] | [a] | [a] |
| | 1890 | 27,611 | 4,658,015 | 3,002,318 | 7,660,333 | 277.4 | 60.8 |
| | 1900 | 45,332 | 9,644,520 | 5,898,120 | 15,542,640 | 342.9 | 62.1 |
| Ohio | 1880 | 247,189 | 18,081,091 | 6,448,135 | 24,529,226 | 99.2 | 73.7 |
| | 1890 | 251,430 | 13,338,824 | 5,013,584 | 23,352,408 | 92.9 | 78.5 |
| | 1900 | 276,719 | 19,244,472 | 5,257,513 | 24,501,985 | 88.5 | 78.5 |
| Oklahoma | 1890 | 8,826 | 563,728 | 1,042,695 | 1,606,423 | 182.0 | 35.1 |
| | 1900 | 62,495 | 5,511,994 | 10,207,264 | 15,719,258 | 251.5 | 35.1 |
| Oregon | 1880 | 16,217 | 2,198,645 | 2,016,067 | 4,214,712 | 259.9 | 52.2 |
| | 1890 | 25,530 | 3,516,000 | 3,393,888 | 6,909,888 | 270.7 | 50.9 |
| | 1900 | 35,837 | 3,328,308 | 6,743,020 | 10,071,328 | 281.0 | 33.0 |
| Pennsylvania | 1880 | 213,542 | 13,423,007 | 6,368,334 | 19,791,341 | 92.7 | 67.8 |
| | 1890 | 211,557 | 13,210,597 | 5,158,773 | 18,364,370 | 86.8 | 71.9 |
| | 1900 | 224,248 | 13,209,183 | 6,161,832 | 19,371,015 | 86.4 | 68.2 |
| Rhode Island | 1880 | 6,216 | 298,486 | 216,327 | 514,813 | 82.8 | 58.0 |
| | 1890 | 5,500 | 274,491 | 194,790 | 469,281 | 85.3 | 58.5 |
| | 1900 | 5,498 | 187,354 | 268,248 | 455,602 | 82.9 | 41.1 |
| South Carolina | 1880 | 93,864 | 4,132,050 | 9,325,563 | 13,457,613 | 143.4 | 30.7 |
| | 1890 | 115,008 | 5,255,237 | 7,929,415 | 13,184,652 | 114.6 | 39.9 |
| | 1900 | 155,355 | 5,775,741 | 8,209,273 | 13,985,014 | 90.0 | 41.3 |
| South Dakota | 1880 | [a] | [a] | [a] | [a] | [a] | [a] |
| | 1890 | 50,158 | 6,959,293 | 4,437,167 | 11,396,460 | 227.2 | 61.1 |
| | 1900 | 52,622 | 11,285,383 | 7,784,633 | 19,070,016 | 362.4 | 59.2 |

[a] The figures for Dakota Territory, 1880, are as follows: Number of farms, 17,435; total number of acres in farms, 3,800,656; improved, 1,150,413; unimproved, 2,650,243; average number of acres to a farm, 218; per cent of farm lands improved, 30.3.

**No. 62.**—NUMBER AND ACREAGE OF FARMS AND NUMBER OF ACRES IMPROVED AND UNIMPROVED, BY STATES AND TERRITORIES, 1880, 1890, AND 1900—Continued.

| State or Territory. | Census year. | Number of farms. | Number of acres in farms. | | | | Per cent of farm land improved. |
|---|---|---|---|---|---|---|---|
| | | | Improved. | Unimproved. | Total. | Average number of acres to a farm. | |
| Tennessee | 1880 | 165,650 | 8,496,556 | 12,170,359 | 20,666,915 | 124.8 | 41.1 |
| | 1890 | 174,412 | 9,362,555 | 10,799,028 | 20,161,583 | 115.6 | 46.4 |
| | 1900 | 224,623 | 10,245,950 | 10,096,108 | 20,342,058 | 90.6 | 50.4 |
| Texas | 1880 | 174,184 | 12,650,314 | 23,641,905 | 36,292,219 | 208.4 | 34.9 |
| | 1890 | 228,126 | 20,746,215 | 30,660,722 | 51,406,937 | 225.3 | 40.4 |
| | 1900 | 352,190 | 19,576,076 | 106,280,941 | 125,857,017 | 357.2 | 15.6 |
| Utah | 1880 | 9,452 | 416,105 | 239,419 | 655,524 | 69.4 | 63.5 |
| | 1890 | 10,517 | 548,223 | 775,482 | 1,323,705 | 125.9 | 41.4 |
| | 1900 | 19,387 | 1,032,117 | 3,084,834 | 4,116,951 | 212.4 | 25.1 |
| Vermont | 1880 | 35,522 | 3,286,461 | 1,596,127 | 4,882,588 | 137.5 | 67.3 |
| | 1890 | 32,573 | 2,655,943 | 1,739,703 | 4,395,646 | 134.9 | 60.4 |
| | 1900 | 33,104 | 2,126,624 | 2,597,816 | 4,724,440 | 142.7 | 45.0 |
| Virginia | 1880 | 118,517 | 8,510,113 | 11,325,672 | 19,835,785 | 167.4 | 42.9 |
| | 1890 | 127,600 | 9,125,545 | 9,979,406 | 19,104,951 | 149.7 | 47.8 |
| | 1900 | 167,886 | 10,094,805 | 9,813,078 | 19,907,883 | 118.6 | 50.7 |
| Washington | 1880 | 6,529 | 484,346 | 925,075 | 1,409,421 | 215.9 | 34.4 |
| | 1890 | 18,056 | 1,820,832 | 2,358,358 | 4,179,190 | 231.4 | 43.6 |
| | 1900 | 33,202 | 3,465,960 | 5,033,337 | 8,499,297 | 256.0 | 40.8 |
| West Virginia | 1880 | 62,674 | 3,792,327 | 6,401,452 | 10,193,779 | 162.6 | 37.2 |
| | 1890 | 72,773 | 4,554,000 | 5,767,326 | 10,321,326 | 141.8 | 44.1 |
| | 1900 | 92,874 | 5,498,981 | 5,155,532 | 10,654,513 | 114.7 | 51.6 |
| Wisconsin | 1880 | 134,322 | 9,162,528 | 6,190,590 | 15,353,118 | 114.3 | 59.7 |
| | 1890 | 146,409 | 9,793,931 | 6,994,057 | 16,787,988 | 114.7 | 58.3 |
| | 1900 | 169,795 | 11,246,972 | 8,615,755 | 19,862,727 | 117.0 | 56.6 |
| Wyoming | 1880 | 457 | 83,122 | 41,311 | 124,433 | 272.3 | 66.8 |
| | 1890 | 3,125 | 476,831 | 1,353,601 | 1,830,432 | 585.7 | 26.1 |
| | 1900 | 6,095 | 792,332 | 7,332,204 | 8,124,536 | 1,333.0 | 9.8 |
| Total | 1880 | 4,008,907 | 284,771,042 | 251,910,793 | 536,081,835 | 133.7 | 53.1 |
| | 1890 | 4,564,641 | 357,616,755 | 265,601,864 | 623,218,619 | 136.5 | 57.4 |
| | 1900 | 5,737,372 | 414,498,487 | 424,093,287 | 838,591,774 | 146.2 | 49.4 |
| Alaska | 1900 | 12 | 159 | ..... | 159 | 13.2 | 100.0 |
| Hawaii | 1900 | 2,273 | 294,545 | 2,315,068 | 2,699,613 | 1,148.1 | 11.3 |
| Grand total | 1900 | 5,739,657 | 414,793,191 | 426,408,355 | 841,201,546 | 146.6 | 49.3 |

**No. 63.—NUMBER AND ACREAGE OF FARMS AND NUMBER OF ACRES IMPROVED AND UNIMPROVED:** CENSUS YEARS 1850 TO 1900.

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| Census year. | Number of farms. | Number of acres in farms. | | | | Per cent of farm land— | |
|---|---|---|---|---|---|---|---|
| | | Improved. | Unimproved. | Total. | Average number of acres to a farm. | Improved. | Unimproved. |
| 1850 | 1,449,073 | 113,032,614 | 180,528,000 | 293,560,614 | 202.6 | 38.5 | 61.5 |
| 1860 | 2,044,077 | 163,110,720 | 244,101,818 | 407,212,538 | 199.2 | 40.1 | 59.9 |
| 1870[a] | 2,659,985 | 188,921,099 | 218,813,942 | 407,735,041 | 153.3 | 46.3 | 53.7 |
| 1880[a] | 4,008,907 | 284,771,042 | 251,310,793 | 536,081,835 | 133.7 | 53.1 | 46.9 |
| 1890[a] | 4,564,641 | 357,616,755 | 265,601,864 | 623,218,619 | 136.5 | 57.4 | 42.6 |
| 1900[b] | 5,737,372 | 414,498,487 | 424,093,287 | 838,591,774 | 146.2 | 49.4 | 50.6 |

[a] Not including farms of less than 3 acres which reported the sale of less than $500 worth of products in the census year.
[b] Exclusive of Alaska and Hawaii.

## No. 64.—VALUE OF FARM PROPERTY: BY STATES AND TERRITORIES, 1880, 1890, AND 1900.

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| State or Territory. | Census year. | Value of— Farm land with improvements, including buildings. | Implements and machinery. | Live stock. | All farm property. |
|---|---|---|---|---|---|
| | | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Alabama | 1880 | 78,954,648 | 3,788,978 | 23,787,681 | 106,531,307 |
| | 1890 | 111,051,390 | 4,511,645 | 30,776,730 | 146,339,765 |
| | 1900 | 134,618,183 | 8,675,900 | 36,105,799 | 179,399,882 |
| Arizona | 1880 | 1,127,946 | 88,811 | [a] 3,210,989 | [a] 4,427,746 |
| | 1890 | 7,222,230 | 196,580 | [a] 13,227,453 | [a] 20,646,263 |
| | 1900 | 13,682,960 | 765,200 | 15,545,687 | 29,993,847 |
| Arkansas | 1880 | 74,249,655 | 4,637,497 | 20,472,425 | 99,359,577 |
| | 1890 | 118,574,422 | 5,672,400 | 30,772,880 | 155,019,702 |
| | 1900 | 135,182,170 | 8,750,060 | 37,483,771 | 181,416,001 |
| California | 1880 | 262,051,282 | 8,447,744 | [a] 41,498,417 | [a] 311,997,443 |
| | 1890 | 697,116,630 | 14,689,710 | [a] 65,575,427 | [a] 777,381,767 |
| | 1900 | 707,912,960 | 21,311,670 | 67,303,325 | 796,527,955 |
| Colorado | 1880 | 25,109,223 | 910,085 | [a] 15,972,342 | [a] 41,991,650 |
| | 1890 | 85,035,180 | 2,728,850 | [a] 29,675,528 | [a] 117,439,558 |
| | 1900 | 106,344,035 | 4,746,756 | 49,954,311 | 161,045,101 |
| Connecticut | 1880 | 121,063,910 | 3,162,628 | 10,959,296 | 135,185,834 |
| | 1890 | 95,000,595 | 3,075,495 | 9,974,618 | 108,050,708 |
| | 1900 | 97,425,068 | 4,948,300 | 10,932,212 | 113,305,580 |
| Delaware | 1880 | 36,789,672 | 1,504,567 | 3,420,080 | 41,714,319 |
| | 1890 | 39,586,080 | 1,835,570 | 4,198,810 | 45,620,460 |
| | 1900 | 34,436,040 | 2,150,560 | 4,111,054 | 40,697,654 |
| District of Columbia | 1880 | 3,632,403 | 36,798 | 123,300 | 3,792,501 |
| | 1890 | 6,471,120 | 79,760 | 129,120 | 6,680,000 |
| | 1900 | 11,273,990 | 136,060 | 125,326 | 11,535,376 |
| Florida | 1880 | 20,291,835 | 689,666 | [a] 6,920,980 | [a] 27,902,481 |
| | 1890 | 72,745,180 | 1,158,040 | 7,142,980 | 81,046,200 |
| | 1900 | 40,799,838 | 1,963,210 | 11,166,016 | 53,929,064 |
| Georgia | 1880 | 111,910,540 | 5,317,416 | 25,930,352 | 143,158,308 |
| | 1890 | 152,006,280 | 5,764,978 | 31,477,990 | 189,249,198 |
| | 1900 | 183,370,120 | 9,804,010 | 35,200,507 | 228,374,637 |
| Idaho | 1880 | 2,832,890 | 363,930 | [a] 4,023,800 | [a] 7,220,620 |
| | 1890 | 17,431,580 | 1,172,460 | 7,253,490 | 25,857,530 |
| | 1900 | 42,318,183 | 3,295,045 | 21,657,974 | 67,271,202 |
| Illinois | 1880 | 1,009,594,580 | 33,739,951 | 132,437,762 | 1,175,772,293 |
| | 1890 | 1,262,870,587 | 34,456,938 | 180,431,662 | 1,477,759,187 |
| | 1900 | 1,765,581,550 | 44,977,310 | 193,758,037 | 2,004,316,897 |
| Indiana | 1880 | 635,236,111 | 20,476,988 | 71,068,758 | 726,781,857 |
| | 1890 | 754,789,110 | 21,172,255 | 93,361,422 | 869,322,787 |
| | 1900 | 841,735,340 | 27,330,370 | 109,550,761 | 978,616,471 |
| Indian Territory | 1880 | ..... | ..... | [b] 10,499,000 | [b] 10,499,000 |
| | 1890 | ..... | ..... | [b] 5,976,729 | [b] 5,976,729 |
| | 1900 | 46,863,440 | 3,939,480 | 41,378,695 | 92,181,615 |
| Iowa | 1880 | 567,430,227 | 29,371,884 | 124,715,103 | 721,517,214 |
| | 1890 | 857,581,022 | 36,665,315 | 206,436,242 | 1,100,682,579 |
| | 1900 | 1,497,554,790 | 57,960,660 | 278,830,096 | 1,834,345,546 |
| Kansas | 1880 | 235,178,936 | 15,652,848 | [a] 62,704,149 | [a] 313,535,933 |
| | 1890 | 559,726,046 | 18,869,790 | 128,068,305 | 706,664,141 |
| | 1900 | 643,652,770 | 29,490,580 | 190,956,936 | 864,100,286 |
| Kentucky | 1880 | 299,298,631 | 9,734,634 | 49,670,567 | 358,703,832 |
| | 1890 | 346,339,360 | 10,906,506 | 70,924,400 | 428,170,266 |
| | 1900 | 382,004,890 | 15,301,860 | 73,739,106 | 471,045,856 |
| Louisiana | 1880 | 58,989,117 | 5,435,525 | 12,345,905 | 76,770,547 |
| | 1890 | 85,381,270 | 7,167,355 | 17,898,380 | 110,447,005 |
| | 1900 | 141,130,610 | 28,536,790 | 28,869,506 | 198,536,906 |
| Maine | 1880 | 102,357,615 | 4,948,048 | 16,499,376 | 123,805,039 |
| | 1890 | 98,567,730 | 5,499,418 | 18,280,140 | 122,347,283 |
| | 1900 | 96,502,150 | 8,802,720 | 17,106,034 | 122,410,904 |
| Maryland | 1880 | 165,503,341 | 5,788,197 | 15,865,728 | 187,157,266 |
| | 1890 | 175,058,550 | 6,540,090 | 19,194,320 | 200,792,960 |
| | 1900 | 175,178,310 | 8,611,220 | 20,855,877 | 204,645,407 |
| Massachusetts | 1880 | 146,197,415 | 5,134,537 | 12,957,004 | 164,288,956 |
| | 1890 | 127,538,284 | 5,938,940 | 14,200,178 | 147,677,402 |
| | 1900 | 158,019,290 | 8,828,950 | 15,798,464 | 182,646,704 |

[a] Including estimated value of range animals.
[b] No report prior to 1900, except estimates of live stock on ranges.

**No. 64.—VALUE OF FARM PROPERTY, BY STATES AND TERRITORIES, 1880, 1890, AND 1900—Continued.**

| State or Territory. | Census year. | Value of— Farm land with improvements, including buildings. | Implements and machinery. | Live stock. | All farm property. |
|---|---|---|---|---|---|
| | | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Michigan | 1880 | 499,103,181 | 19,419,360 | 55,720,113 | 574,242,654 |
| | 1890 | 556,190,670 | 22,182,600 | 69,564,985 | 647,938,255 |
| | 1900 | 582,517,710 | 28,795,380 | 79,042,644 | 690,355,734 |
| Minnesota | 1880 | 193,724,260 | 13,089,783 | 31,904,821 | 238,718,864 |
| | 1890 | 340,059,470 | 16,916,473 | 57,725,683 | 414,701,626 |
| | 1900 | 669,522,315 | 30,099,230 | 89,063,097 | 788,684,642 |
| Mississippi | 1880 | 92,844,915 | 4,885,636 | 24,285,717 | 122,016,268 |
| | 1890 | 127,423,157 | 5,908,865 | 33,936,435 | 167,328,457 |
| | 1900 | 152,007,000 | 9,556,805 | 42,657,222 | 204,221,027 |
| Missouri | 1880 | 375,633,307 | 18,103,074 | 95,785,282 | 489,521,663 |
| | 1890 | 625,858,361 | 21,880,719 | 138,701,173 | 786,390,253 |
| | 1900 | 843,979,213 | 28,602,680 | 160,540,004 | 1,033,121,897 |
| Montana | 1880 | 3,234,504 | 401,185 | [a] 9,170,554 | [a] 12,806,243 |
| | 1890 | 25,512,340 | 1,356,010 | [a] 33,266,752 | [a] 60,135,102 |
| | 1900 | 62,026,090 | 3,671,900 | 52,161,833 | 117,859,823 |
| Nebraska | 1880 | 105,932,541 | 7,820,917 | [a] 40,350,265 | [a] 154,103,723 |
| | 1890 | 402,358,913 | 16,468,977 | 92,971,920 | 511,799,810 |
| | 1900 | 577,660,020 | 24,940,450 | 145,349,587 | 747,950,057 |
| Nevada | 1880 | 5,408,325 | 378,788 | [a] 4,233,749 | [a] 10,020,862 |
| | 1890 | 12,339,410 | 537,480 | 5,801,820 | 18,678,710 |
| | 1900 | 15,615,710 | 388,560 | 12,169,565 | 28,673,835 |
| New Hampshire | 1880 | 75,834,389 | 3,069,240 | 9,812,064 | 88,715,693 |
| | 1890 | 66,162,600 | 3,594,850 | 10,450,125 | 80,207,575 |
| | 1900 | 70,124,360 | 5,163,090 | 10,554,646 | 85,842,096 |
| New Jersey | 1880 | 190,895,883 | 6,921,085 | 14,861,412 | 212,678,330 |
| | 1890 | 159,262,840 | 7,378,644 | 15,811,430 | 182,452,914 |
| | 1900 | 162,591,010 | 9,330,030 | 17,612,620 | 189,533,660 |
| New Mexico | 1880 | 5,514,399 | 255,162 | [a] 10,914,800 | [a] 16,684,361 |
| | 1890 | 8,140,800 | 291,140 | [a] 25,111,201 | [a] 33,543,141 |
| | 1900 | 20,888,814 | 1,151,610 | 31,727,400 | 53,767,824 |
| New York | 1880 | 1,056,176,741 | 42,592,741 | 117,868,283 | 1,216,637,765 |
| | 1890 | 968,127,286 | 46,659,465 | 124,523,965 | 1,139,310,716 |
| | 1900 | 888,134,180 | 56,006,000 | 125,583,715 | 1,069,723,895 |
| North Carolina | 1880 | 135,793,602 | 6,078,476 | 22,414,659 | 164,286,737 |
| | 1890 | 183,977,010 | 7,183,210 | 25,547,280 | 216,707,500 |
| | 1900 | 194,655,920 | 9,072,600 | 30,106,173 | 233,834,693 |
| North Dakota | 1880 | [b] | [b] | [b] | [b] |
| | 1890 | 75,310,305 | 6,648,180 | 18,787,294 | 100,745,779 |
| | 1900 | 198,780,700 | 14,055,560 | 42,430,491 | 255,266,751 |
| Ohio | 1880 | 1,127,497,353 | 30,521,180 | 103,707,730 | 1,261,726,263 |
| | 1890 | 1,050,031,828 | 29,475,346 | 116,181,690 | 1,195,688,864 |
| | 1900 | 1,036,615,180 | 36,354,150 | 125,954,616 | 1,198,923,946 |
| Oklahoma | 1880 | ..... | ..... | [a] 876,000 | [c] [a] 876,000 |
| | 1890 | 8,581,170 | 433,580 | 3,206,270 | 12,221,020 |
| | 1900 | 123,941,235 | 6,573,015 | 54,829,568 | 185,343,818 |
| Oregon | 1880 | 56,908,575 | 2,956,173 | [a] 17,110,392 | [a] 76,975,140 |
| | 1890 | 115,819,200 | 4,556,770 | 22,648,830 | 143,024,800 |
| | 1900 | 132,337,514 | 6,506,725 | 33,917,048 | 172,761,287 |
| Pennsylvania | 1880 | 975,689,410 | 35,473,037 | 84,242,877 | 1,095,405,324 |
| | 1890 | 922,240,233 | 39,046,855 | 101,652,758 | 1,062,939,846 |
| | 1900 | 898,272,760 | 50,917,240 | 102,439,133 | 1,051,629,173 |
| Rhode Island | 1880 | 25,882,079 | 902,825 | 2,254,142 | 29,039,046 |
| | 1890 | 21,873,479 | 941,030 | 2,364,970 | 25,179,479 |
| | 1900 | 23,125,260 | 1,270,270 | 2,593,659 | 26,989,189 |
| South Carolina | 1880 | 68,677,482 | 3,202,710 | 12,199,510 | 84,079,702 |
| | 1890 | 99,104,600 | 4,172,262 | 16,572,410 | 119,849,272 |
| | 1900 | 126,761,530 | 6,029,770 | 20,199,859 | 153,591,159 |
| South Dakota | 1880 | [b] | [b] | [b] | [b] |
| | 1890 | 107,466,335 | 8,371,712 | [a] 29,689,509 | [a] 145,527,556 |
| | 1900 | 220,133,190 | 12,218,680 | 65,173,432 | 297,525,302 |
| Tennessee | 1880 | 206,749,837 | 9,054,868 | 43,651,470 | 259,456,170 |
| | 1890 | 242,700,540 | 9,936,680 | 60,254,230 | 312,891,650 |
| | 1900 | 265,150,750 | 15,232,670 | 60,818,605 | 341,202,025 |

[a] Including estimated value of range animals.
[b] The figures for Dakota Territory, 1880, are as follows: Value of all farm property, $32,846,449; farm land with improvements, including buildings, $22,401,084; implements and machinery, $2,390,091; live stock on hand, including estimated value of range animals, $7,555,274.
[c] No report prior to 1900, except estimates of live stock on ranges.

**No. 64.**—VALUE OF FARM PROPERTY, BY STATES AND TERRITORIES, 1880, 1890, AND 1900—Continued.

| State or Territory. | Census year. | Value of— Farm land with improvements, including buildings. | Implements and machinery. | Live stock. | All farm property. |
|---|---|---|---|---|---|
| | | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Texas | 1880 | 170,468,886 | 9,051,491 | [a] 76,563,987 | [a] 256,084,364 |
| | 1890 | 399,971,289 | 13,746,541 | [a] 138,409,274 | [a] 552,127,104 |
| | 1900 | 691,773,613 | 30,125,705 | 240,576,955 | 962,476,273 |
| Utah | 1880 | 14,015,178 | 946,753 | [a] 4,371,638 | [a] 19,333,569 |
| | 1890 | 28,402,780 | 1,164,660 | [a] 9,914,766 | [a] 39,482,206 |
| | 1900 | 50,778,350 | 2,922,550 | 21,474,241 | 75,175,141 |
| Vermont | 1880 | 109,346,010 | 4,879,285 | 16,586,195 | 130,811,490 |
| | 1890 | 80,427,490 | 4,733,560 | 16,644,320 | 101,805,370 |
| | 1900 | 83,071,620 | 7,538,490 | 17,841,317 | 108,451,427 |
| Virginia | 1880 | 216,028,107 | 5,495,114 | 25,953,315 | 247,476,536 |
| | 1890 | 254,490,600 | 6,593,688 | 33,404,281 | 294,488,569 |
| | 1900 | 271,578,200 | 9,911,040 | 42,026,737 | 323,515,977 |
| Washington | 1880 | 13,844,224 | 958,513 | [a] 5,974,307 | [a] 20,777,044 |
| | 1890 | 83,461,660 | 3,150,200 | 14,113,110 | 100,724,970 |
| | 1900 | 115,609,710 | 6,271,630 | 22,159,207 | 144,040,547 |
| West Virginia | 1880 | 133,147,175 | 2,699,163 | 17,742,387 | 153,588,725 |
| | 1890 | 151,880,300 | 3,116,420 | 23,964,610 | 178,961,330 |
| | 1900 | 168,295,670 | 5,040,420 | 30,571,259 | 203,907,349 |
| Wisconsin | 1880 | 357,709,507 | 15,647,196 | 46,508,643 | 419,865,346 |
| | 1890 | 477,524,507 | 19,167,010 | 63,784,377 | 560,475,894 |
| | 1900 | 686,147,660 | 29,237,010 | 96,327,649 | 811,712,319 |
| Wyoming | 1880 | 835,895 | 95,482 | [a] 9,182,107 | [a] 10,113,484 |
| | 1890 | 14,460,880 | 522,250 | [a] 18,785,301 | [a] 33,768,431 |
| | 1900 | 26,965,530 | 1,366,000 | 39,145,877 | 67,477,407 |
| Total | 1880 | 10,197,096,776 | 406,520,055 | [a] 1,576,884,707 | [a] 12,180,501,538 |
| | 1890 | 13,279,252,649 | 494,247,467 | [a] 2,308,767,573 | [a] 16,082,267,689 |
| | 1900 | 16,614,647,491 | 749,775,970 | 3,075,477,703 | 20,439,901,164 |
| Alaska | 1900 | 12,800 | 690 | 2,196 | 15,686 |
| Hawaii | 1900 | 60,029,956 | 11,484,890 | 2,570,142 | 74,084,988 |
| Grand total | 1900 | 16,674,690,247 | 761,261,550 | 3,078,050,041 | 20,514,001,838 |

[a] Including estimated value of range animals.

**No. 65.—VALUE OF FARM PROPERTY:** CENSUS YEARS 1850 TO 1900.

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| Census year. | Value of— All farm property. | Farm land, with improvements, including buildings. | Implements and machinery. | Live stock. | Per cent of value of all farm property in— Farm land, with improvements, including buildings. | Implements and machinery. | Live stock. |
|---|---|---|---|---|---|---|---|
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | | | |
| 1850 | 3,967,343,580 | 3,271,575,426 | 151,587,638 | [a] 544,180,516 | 82.5 | 3.8 | 13.7 |
| 1860 | 7,980,493,063 | 6,645,045,007 | 246,118,141 | [a] 1,089,329,915 | 83.3 | 3.1 | 13.6 |
| 1870 [b] | 11,124,958,747 | 9,262,803,861 | 336,878,429 | [a] 1,525,276,457 | 83.3 | 3.0 | 13.7 |
| 1880 | 12,180,501,538 | 10,197,096,776 | 406,520,055 | [c] 1,576,884,707 | 83.7 | 3.3 | 13.0 |
| 1890 | 16,082,267,689 | 13,279,252,649 | 494,247,467 | [c] 2,308,767,573 | 82.6 | 3.1 | 14.3 |
| 1900 [d] | 20,439,901,164 | [e] 16,614,647,491 | 749,775,970 | [f] 3,075,477,703 | 81.3 | 3.7 | 15.0 |

[a] Including only the reported value of live stock on farms.

[b] Values for 1870 were reported in depreciated currency. To reduce to specie basis of other years they must be diminished one-fifth.

[c] Including estimated value of live stock on ranges.

[d] Exclusive of Alaska and Hawaii.

[e] Value of land, with improvements, except buildings, $13,058,007,995; value of buildings, $3,556,639,496. The Twelfth Census was the first to collect separate statistics of buildings on farms.

[f] Including value of live stock on ranges as well as on farms. Value of domestic animals, $2,979,197,586. This figure is more nearly comparable than that in the table with the returns for value of live stock at earlier censuses.

## No. 66.—CEREAL CROPS: ESTIMATED PRODUCTION AND VALUE, 1866 TO 1909.

[From annual reports of the Department of Agriculture.]

### CORN.

| Calendar year. | Total— | | | Average— | | |
|---|---|---|---|---|---|---|
| | Area. | Production. | Farm value Dec. 1. | Farm value per bushel Dec. 1. | Yield per acre. | Farm value of yield per acre Dec. 1. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Cents.* | *Bushels.* | *Dollars.* |
| 1866 | 34,306,538 | 867,946,295 | 411,450,830 | 47.4 | 25.3 | 11.99 |
| 1867 | 32,520,249 | 768,320,000 | 437,769,763 | 57.0 | 23.6 | 13.46 |
| 1868 | 34,887,246 | 906,527,000 | 424,056,649 | 46.8 | 26.0 | 12.16 |
| 1869 | 37,103,245 | 874,320,000 | 522,550,509 | 59.8 | 23.6 | 14.08 |
| 1870 | 38,646,977 | 1,094,255,000 | 540,520,456 | 49.4 | 28.3 | 13.99 |
| 1871 | 34,091,137 | 991,898,000 | 430,355,910 | 43.4 | 29.1 | 12.62 |
| 1872 | 35,526,836 | 1,092,719,000 | 385,736,210 | 35.3 | 30.8 | 10.86 |
| 1873 | 39,197,148 | 932,274,000 | 411,961,151 | 44.2 | 23.8 | 10.51 |
| 1874 | 41,036,918 | 850,148,500 | 496,271,255 | 58.4 | 20.7 | 12.09 |
| 1875 | 44,341,871 | 1,321,069,000 | 484,674,804 | 36.7 | 29.5 | 10.81 |
| 1876 | 49,033,364 | 1,283,827,500 | 436,108,521 | 34.0 | 26.2 | 8.89 |
| 1877 | 50,369,113 | 1,342,558,000 | 467,635,230 | 34.8 | 26.7 | 9.28 |
| 1878 | 51,585,000 | 1,388,218,750 | 440,280,517 | 31.7 | 26.9 | 8.54 |
| 1879 | 53,085,450 | 1,547,901,790 | 580,486,217 | 37.5 | 29.2 | 10.93 |
| 1880 | 62,317,842 | 1,717,434,543 | 679,714,499 | 39.6 | 27.6 | 10.91 |
| 1881 | 64,262,025 | 1,194,916,000 | 759,482,170 | 63.6 | 18.6 | 11.82 |
| 1882 | 65,659,545 | 1,617,025,100 | 783,867,175 | 48.5 | 24.6 | 11.94 |
| 1883 | 68,301,889 | 1,551,066,895 | 658,051,485 | 42.4 | 22.7 | 9.63 |
| 1884 | 69,683,780 | 1,795,528,432 | 640,735,859 | 35.7 | 25.8 | 9.19 |
| 1885 | 73,130,150 | 1,936,176,000 | 635,674,630 | 32.8 | 26.5 | 8.69 |
| 1886 | 75,694,208 | 1,665,441,000 | 610,311,000 | 36.6 | 22.0 | 8.06 |
| 1887 | 72,392,720 | 1,456,161,000 | 646,106,770 | 44.4 | 20.1 | 8.92 |
| 1888 | 75,672,763 | 1,987,790,000 | 677,561,580 | 34.1 | 26.3 | 8.95 |
| 1889 | 78,319,651 | 2,112,892,000 | 597,918,829 | 28.3 | 27.0 | 7.63 |
| 1890 | 71,970,763 | 1,489,970,000 | 754,433,451 | 50.6 | 20.7 | 10.48 |
| 1891 | 76,204,515 | 2,060,154,000 | 836,439,228 | 40.6 | 27.0 | 10.98 |
| 1892 | 70,626,658 | 1,628,464,000 | 642,146,630 | 39.4 | 23.1 | 9.09 |
| 1893 | 72,026,465 | 1,619,496,131 | 591,625,627 | 36.5 | 22.5 | 8.21 |
| 1894 | 62,582,269 | 1,212,770,052 | 554,719,162 | 45.7 | 19.4 | 8.86 |
| 1895 | 82,075,330 | 2,151,138,580 | 544,985,534 | 25.3 | 26.2 | 6.64 |
| 1896 | 81,027,156 | 2,283,875,165 | 491,006,967 | 21.5 | 28.2 | 6.06 |
| 1897 | 80,095,051 | 1,902,967,933 | 501,072,952 | 26.3 | 23.8 | 6.26 |
| 1898 | 77,721,761 | 1,924,184,660 | 552,023,428 | 28.7 | 24.8 | 7.10 |
| 1899 | 82,108,587 | 2,078,143,933 | 629,210,110 | 30.3 | 25.3 | 7.66 |
| 1900 | 83,320,872 | 2,105,102,516 | 751,220,034 | 35.7 | 25.3 | 9.02 |
| 1901 | 91,349,928 | 1,522,519,891 | 921,555,768 | 60.5 | 16.7 | 10.09 |
| 1902 | 94,043,613 | 2,523,648,312 | 1,017,017,349 | 40.3 | 26.8 | 10.81 |
| 1903 | 88,091,993 | 2,244,176,925 | 952,868,801 | 42.5 | 25.5 | 10.82 |
| 1904 | 92,231,581 | 2,467,480,934 | 1,087,461,440 | 44.1 | 26.8 | 11.79 |
| 1905 | 94,011,369 | 2,707,993,540 | 1,116,696,738 | 41.2 | 28.8 | 11.88 |
| 1906 | 96,737,581 | 2,927,416,091 | 1,166,626,479 | 39.9 | 30.3 | 12.06 |
| 1907 | 99,931,000 | 2,592,320,000 | 1,336,901,000 | 51.6 | 25.9 | 13.38 |
| 1908 | 101,788,000 | 2,668,651,000 | 1,616,145,000 | 60.6 | 26.2 | 15.87 |
| 1909 | 108,771,000 | 2,772,376,000 | 1,652,822,000 | 59.6 | 25.5 | 15.19 |

No. 66.—Cereal Crops: Estimated Production and Value, 1866 to 1909—Continued.

WHEAT.

| Calendar year. | Total— | | | Average— | | |
|---|---|---|---|---|---|---|
| | Area. | Production. | Farm value Dec. 1. | Farm value per bushel Dec. 1. | Yield per acre. | Farm value of yield per acre Dec. 1. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Cents.* | *Bushels.* | *Dollars.* |
| 1866 | 15,424,496 | 151,999,906 | 232,109,630 | 152.7 | 9.9 | 15.05 |
| 1867 | 18,321,561 | 212,441,400 | 308,387,146 | 145.2 | 11.6 | 16.83 |
| 1868 | 18,460,132 | 224,036,600 | 243,032,746 | 108.5 | 12.1 | 13.17 |
| 1869 | 19,181,004 | 260,146,900 | 199,024,926 | 76.5 | 13.6 | 10.38 |
| 1870 | 18,992,591 | 235,884,700 | 222,766,969 | 94.4 | 12.4 | 11.73 |
| 1871 | 19,943,893 | 230,722,400 | 264,075,851 | 114.5 | 11.6 | 13.24 |
| 1872 | 20,858,359 | 249,997,100 | 278,622,068 | 111.4 | 11.9 | 13.35 |
| 1873 | 22,171,676 | 281,254,700 | 300,669,528 | 106.9 | 12.7 | 13.56 |
| 1874 | 24,967,027 | 308,102,700 | 265,881,167 | 86.3 | 12.3 | 10.65 |
| 1875 | 26,381,512 | 292,136,000 | 261,396,926 | 89.5 | 11.1 | 9.91 |
| 1876 | 27,627,021 | 289,356,500 | 278,697,238 | 96.3 | 10.5 | 10.09 |
| 1877 | 26,277,546 | 364,194,146 | 385,089,444 | 105.7 | 13.9 | 14.65 |
| 1878 | 32,108,560 | 420,122,400 | 325,814,119 | 77.6 | 13.1 | 10.15 |
| 1879 | 32,545,950 | 448,756,630 | 497,030,142 | 110.8 | 13.8 | 15.27 |
| 1880 | 37,986,717 | 498,549,868 | 474,201,850 | 95.1 | 13.1 | 12.48 |
| 1881 | 37,709,020 | 383,280,090 | 456,880,427 | 119.2 | 10.2 | 12.12 |
| 1882 | 37,067,194 | 504,185,470 | 445,602,125 | 88.4 | 13.6 | 12.02 |
| 1883 | 36,455,593 | 421,086,160 | 383,649,272 | 91.1 | 11.6 | 10.52 |
| 1884 | 39,475,885 | 512,765,000 | 330,862,200 | 64.5 | 13.0 | 8.38 |
| 1885 | 34,189,246 | 357,112,000 | 275,320,390 | 77.1 | 10.4 | 8.05 |
| 1886 | 36,806,184 | 457,218,000 | 314,226,020 | 68.7 | 12.4 | 8.54 |
| 1887 | 37,641,783 | 456,329,000 | 310,612,960 | 68.1 | 12.1 | 8.25 |
| 1888 | 37,336,138 | 415,868,000 | 385,248,030 | 92.6 | 11.1 | 10.32 |
| 1889 | 38,123,859 | 490,560,000 | 342,491,707 | 69.8 | 12.9 | 8.98 |
| 1890 | 36,087,154 | 399,262,000 | 334,773,678 | 83.8 | 11.1 | 9.28 |
| 1891 | 39,916,897 | 611,780,000 | 513,472,711 | 83.9 | 15.3 | 12.86 |
| 1892 | 38,554,430 | 515,949,000 | 322,111,881 | 62.4 | 13.4 | 8.35 |
| 1893 | 34,620,418 | 396,131,725 | 213,171,381 | 53.8 | 11.4 | 6.16 |
| 1894 | 34,882,436 | 460,267,416 | 225,992,025 | 49.1 | 13.2 | 6.48 |
| 1895 | 34,047,332 | 467,102,917 | 237,938,998 | 50.9 | 13.7 | 6.99 |
| 1896 | 34,618,646 | 427,684,346 | 310,602,539 | 72.6 | 12.4 | 8.97 |
| 1897 | 39,465,066 | 530,149,168 | 428,547,121 | 80.8 | 13.4 | 10.86 |
| 1898 | 44,055,278 | 675,148,705 | 392,770,320 | 58.2 | 15.3 | 8.92 |
| 1899 | 44,592,516 | 547,303,846 | 319,545,259 | 58.4 | 12.3 | 7.17 |
| 1900 | 42,495,385 | 522,229,505 | 323,515,177 | 61.9 | 12.3 | 7.61 |
| 1901 | 49,895,514 | 748,460,218 | 467,350,156 | 62.4 | 15.0 | 9.37 |
| 1902 | 46,202,424 | 670,063,008 | 422,224,117 | 63.0 | 14.5 | 9.14 |
| 1903 | 49,464,967 | 637,821,835 | 443,024,826 | 69.5 | 12.9 | 8.96 |
| 1904 | 44,074,875 | 552,399,517 | 510,489,874 | 92.4 | 12.5 | 11.58 |
| 1905 | 47,854,079 | 692,979,489 | 518,372,727 | 74.8 | 14.5 | 10.83 |
| 1906 | 47,305,829 | 735,260,970 | 490,332,760 | 66.7 | 15.5 | 10.37 |
| 1907 | 45,211,000 | 634,087,000 | 554,437,000 | 87.4 | 14.0 | 12.26 |
| 1908 | 47,557,000 | 664,602,000 | 616,826,000 | 92.8 | 4.0 | 12.97 |
| 1909 | 46,723,000 | 737,189,000 | 730,046,000 | 99.0 | 15.8 | 15.62 |

No. 66.—Cereal Crops: Estimated Production and Value, 1866 to 1909—Continued.

OATS.

| Calendar year. | Total— | | | Average— | | |
|---|---|---|---|---|---|---|
| | Area. | Production. | Farm value Dec. 1. | Farm value per bushel Dec. 1. | Yield per acre. | Farm value of yield per acre Dec. 1. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Cents.* | *Bushels.* | *Dollars.* |
| 1866 | 8,864,219 | 268,141,077 | 94,057,945 | 35.1 | 30.2 | 10.61 |
| 1867 | 10,746,416 | 278,698,000 | 123,902,556 | 44.5 | 25.9 | 11.53 |
| 1868 | 9,665,736 | 254,960,800 | 106,355,978 | 41.7 | 26.4 | 11.00 |
| 1869 | 9,461,441 | 288,334,000 | 109,521,734 | 38.0 | 30.5 | 11.58 |
| 1870 | 8,792,395 | 247,277,400 | 96,443,637 | 39.0 | 28.1 | 10.97 |
| 1871 | 8,365,809 | 255,743,000 | 92,591,359 | 36.2 | 30.6 | 11.07 |
| 1872 | 9,000,769 | 271,747,000 | 81,308,518 | 29.9 | 30.2 | 9.03 |
| 1873 | 9,751,700 | 270,340,000 | 93,474,161 | 34.6 | 27.7 | 9.59 |
| 1874 | 10,897,412 | 240,369,000 | 113,133,994 | 47.1 | 22.1 | 10.38 |
| 1875 | 11,915,075 | 354,317,500 | 113,441,491 | 32.0 | 29.7 | 9.52 |
| 1876 | 13,358,908 | 320,884,000 | 103,844,896 | 32.4 | 24.0 | 7.77 |
| 1877 | 12,826,148 | 406,394,000 | 115,546,194 | 28.4 | 31.7 | 9.01 |
| 1878 | 13,176,500 | 413,578,560 | 101,752,468 | 24.6 | 31.4 | 7.72 |
| 1879 | 12,683,500 | 363,761,320 | 120,583,294 | 33.1 | 28.7 | 9.50 |
| 1880 | 16,187,977 | 417,885,380 | 150,213,565 | 36.0 | 25.8 | 9.28 |
| 1881 | 16,831,600 | 416,481,000 | 193,198,970 | 46.4 | 24.7 | 11.48 |
| 1882 | 18,494,691 | 488,250,610 | 182,978,022 | 37.5 | 26.4 | 9.89 |
| 1883 | 20,324,962 | 571,302,400 | 187,040,264 | 32.7 | 28.1 | 9.20 |
| 1884 | 21,300,917 | 583,628,000 | 161,528,470 | 27.7 | 27.4 | 7.58 |
| 1885 | 22,783,630 | 629,409,000 | 179,631,860 | 28.5 | 27.6 | 7.88 |
| 1886 | 23,658,474 | 624,134,000 | 186,137,930 | 29.8 | 26.4 | 7.87 |
| 1887 | 25,920,906 | 659,618,000 | 200,699,790 | 30.4 | 25.4 | 7.74 |
| 1888 | 26,998,282 | 701,735,000 | 195,424,240 | 27.8 | 26.0 | 7.24 |
| 1889 | 27,462,316 | 751,515,000 | 171,781,008 | 22.9 | 27.4 | 6.26 |
| 1890 | 26,431,369 | 523,621,000 | 222,048,486 | 42.4 | 19.8 | 8.40 |
| 1891 | 25,581,861 | 738,394,000 | 232,312,267 | 31.5 | 28.9 | 9.08 |
| 1892 | 27,063,835 | 661,035,000 | 209,253,611 | 31.7 | 24.4 | 7.73 |
| 1893 | 27,273,033 | 638,854,850 | 187,576,092 | 29.4 | 23.4 | 6.88 |
| 1894 | 27,023,553 | 662,036,928 | 214,816,920 | 32.4 | 24.5 | 7.95 |
| 1895 | 27,878,406 | 824,443,537 | 163,655,068 | 19.9 | 29.6 | 5.87 |
| 1896 | 27,565,985 | 707,346,404 | 132,485,033 | 18.7 | 25.7 | 4.81 |
| 1897 | 25,730,375 | 698,767,809 | 147,974,719 | 21.2 | 27.2 | 5.75 |
| 1898 | 25,777,110 | 730,906,643 | 186,405,364 | 25.5 | 28.4 | 7.23 |
| 1899 | 26,341,380 | 796,177,713 | 198,167,975 | 24.9 | 30.2 | 7.52 |
| 1900 | 27,364,795 | 809,125,989 | 208,669,233 | 25.8 | 29.6 | 7.63 |
| 1901 | 28,541,476 | 736,808,724 | 293,658,777 | 39.9 | 25.8 | 10.29 |
| 1902 | 28,653,144 | 987,842,712 | 303,584,852 | 30.7 | 34.5 | 10.60 |
| 1903 | 27,638,126 | 784,094,199 | 267,961,665 | 34.1 | 28.4 | 9.68 |
| 1904 | 27,842,669 | 894,595,552 | 279,900,013 | 31.3 | 32.1 | 10.05 |
| 1905 | 28,046,746 | 953,216,197 | 277,047,537 | 29.1 | 34.0 | 9.88 |
| 1906 | 30,958,768 | 964,904,522 | 306,292,978 | 31.7 | 31.2 | 9.89 |
| 1907 | 31,837,000 | 754,443,000 | 334,568,000 | 44.3 | 23.7 | 10.51 |
| 1908 | 32,344,000 | 807,156,000 | 331,171,000 | 47.2 | 25.0 | 11.78 |
| 1909 | 33,204,000 | 1,007,353,000 | 408,174,000 | 40.5 | 30.3 | 12.29 |

No. 66.—Cereal Crops: Estimated Production and Value, 1866 to 1909—Continued.

RYE.

| Calendar year. | Total— | | | Average— | | |
|---|---|---|---|---|---|---|
| | Area. | Production. | Farm value Dec. 1. | Farm value per bushel Dec. 1. | Yield per acre. | Farm value of yield per acre Dec. 1. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Cents.* | *Bushels.* | *Dollars.* |
| 1866 | 1,548,033 | 20,864,944 | 17,149,716 | 82.2 | 13.5 | 11.08 |
| 1867 | 1,689,175 | 23,184,000 | 23,280,584 | 100.4 | 13.7 | 13.78 |
| 1868 | 1,651,321 | 22,504,800 | 21,349,190 | 94.9 | 13.6 | 12.93 |
| 1869 | 1,657,584 | 22,527,900 | 17,841,861 | 77.0 | 13.6 | 10.46 |
| 1870 | 1,176,187 | 15,478,600 | 11,326,967 | 73.2 | 13.2 | 9.63 |
| 1871 | 1,069,531 | 15,365,500 | 10,927,623 | 71.1 | 14.4 | 10.22 |
| 1872 | 1,048,654 | 14,888,600 | 10,071,061 | 67.6 | 14.2 | 9.60 |
| 1873 | 1,150,355 | 15,142,000 | 10,638,258 | 70.3 | 13.2 | 9.25 |
| 1874 | 1,116,716 | 14,990,900 | 11,610,339 | 77.4 | 13.4 | 10.40 |
| 1875 | 1,359,788 | 17,722,100 | 11,894,223 | 67.1 | 13.0 | 8.75 |
| 1876 | 1,468,374 | 20,374,800 | 12,504,970 | 61.4 | 13.9 | 8.52 |
| 1877 | 1,412,902 | 21,170,100 | 12,201,759 | 57.6 | 15.0 | 8.64 |
| 1878 | 1,622,700 | 25,842,790 | 13,566,002 | 52.5 | 15.9 | 8.36 |
| 1879 | 1,625,450 | 23,639,460 | 15,507,431 | 65.6 | 14.5 | 9.54 |
| 1880 | 1,767,619 | 24,540,829 | 18,564,560 | 75.6 | 13.9 | 10.50 |
| 1881 | 1,789,100 | 20,704,950 | 19,327,415 | 93.3 | 11.6 | 10.80 |
| 1882 | 2,227,894 | 29,960,037 | 18,439,194 | 61.5 | 13.4 | 8.28 |
| 1883 | 2,314,754 | 28,058,582 | 16,300,503 | 58.1 | 12.1 | 7.04 |
| 1884 | 2,343,963 | 28,640,000 | 14,857,040 | 51.9 | 12.2 | 6.34 |
| 1885 | 2,129,301 | 21,756,000 | 12,594,820 | 57.9 | 10.2 | 5.92 |
| 1886 | 2,129,918 | 24,489,000 | 13,181,330 | 53.8 | 11.5 | 6.19 |
| 1887 | 2,053,447 | 20,693,000 | 11,283,140 | 54.5 | 10.1 | 5.49 |
| 1888 | 2,364,805 | 28,415,000 | 16,721,869 | 58.8 | 12.0 | 7.07 |
| 1889 | 2,171,493 | 28,420,299 | 12,069,752 | 42.3 | 13.1 | 5.53 |
| 1890 | 2,141,853 | 25,807,472 | 16,229,992 | 62.9 | 12.0 | 7.58 |
| 1891 | 2,176,466 | 31,751,868 | 24,589,217 | 77.4 | 14.6 | 11.30 |
| 1892 | 2,163,657 | 27,978,824 | 15,160,056 | 54.2 | 12.9 | 7.01 |
| 1893 | 2,038,485 | 26,555,446 | 13,612,222 | 51.3 | 13.0 | 6.68 |
| 1894 | 1,944,780 | 26,727,615 | 13,395,476 | 50.1 | 13.7 | 6.89 |
| 1895 | 1,890,345 | 27,210,070 | 11,964,826 | 44.0 | 14.4 | 6.33 |
| 1896 | 1,831,201 | 24,369,047 | 9,960,769 | 40.9 | 13.3 | 5.44 |
| 1897 | 1,703,561 | 27,363,324 | 12,239,647 | 44.7 | 16.1 | 7.18 |
| 1898 | 1,643,207 | 25,657,522 | 11,875,350 | 46.3 | 15.6 | 7.23 |
| 1899 | 1,659,308 | 23,961,741 | 12,214,118 | 51.0 | 14.4 | 7.36 |
| 1900 | 1,591,362 | 23,995,927 | 12,295,417 | 51.2 | 15.1 | 7.73 |
| 1901 | 1,987,505 | 30,844,830 | 16,909,742 | 55.7 | 15.3 | 8.51 |
| 1902 | 1,978,548 | 33,630,592 | 17,080,793 | 50.8 | 17.0 | 8.63 |
| 1903 | 1,906,894 | 29,363,416 | 15,993,871 | 54.5 | 15.4 | 8.39 |
| 1904 | 1,792,673 | 27,241,515 | 18,748,823 | 68.8 | 15.2 | 10.46 |
| 1905 | 1,730,159 | 28,485,952 | 17,414,138 | 61.1 | 16.5 | 10.07 |
| 1906 | 2,001,904 | 33,374,833 | 19,671,243 | 58.9 | 16.7 | 9.83 |
| 1907 | 1,926,000 | 31,566,000 | 23,068,000 | 73.1 | 16.4 | 11.98 |
| 1908 | 1,948,000 | 31,851,000 | 23,455,000 | 73.6 | 16.4 | 12.04 |
| 1909 | 2,005,000 | 32,239,000 | 23,809,000 | 73.9 | 16.1 | 11.87 |

**No. 66.**—CEREAL CROPS: ESTIMATED PRODUCTION AND VALUE, 1866 TO 1909—Continued.

BARLEY.

| Calendar year. | Total— | | | Average— | | |
|---|---|---|---|---|---|---|
| | Area. | Production. | Farm value Dec. 1. | Farm value per bushel Dec. 1. | Yield per acre. | Farm value of yield per acre Dec. 1. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Cents.* | *Bushels.* | *Dollars.* |
| 1866 | 492,532 | 11,283,807 | 7,916,342 | 70.2 | 22.9 | 16.07 |
| 1867 | 1,131,217 | 25,727,000 | 18,027,746 | 70.1 | 22.7 | 15.94 |
| 1868 | 937,498 | 22,896,100 | 24,948,127 | 109.0 | 24.4 | 26.61 |
| 1869 | 1,025,795 | 28,652,200 | 20,298,164 | 70.8 | 27.9 | 19.79 |
| 1870 | 1,108,924 | 26,295,400 | 20,792,213 | 79.1 | 23.7 | 18.75 |
| 1871 | 1,113,735 | 26,718,500 | 20,264,015 | 75.8 | 24.0 | 18.19 |
| 1872 | 1,397,082 | 26,846,400 | 18,415,839 | 68.6 | 19.2 | 13.18 |
| 1873 | 1,387,106 | 32,044,491 | 27,794,229 | 86.7 | 23.1 | 20.04 |
| 1874 | 1,580,626 | 32,552,500 | 27,997,821 | 86.0 | 20.6 | 17.71 |
| 1875 | 1,789,902 | 36,908,600 | 27,867,522 | 74.1 | 20.6 | 15.29 |
| 1876 | 1,766,511 | 38,710,500 | 24,402,691 | 63.0 | 21.9 | 13.81 |
| 1877 | 1,614,654 | 34,441,400 | 21,629,130 | 62.8 | 21.3 | 13.40 |
| 1878 | 1,790,400 | 42,245,630 | 24,454,301 | 57.9 | 23.6 | 13.66 |
| 1879 | 1,680,700 | 40,283,100 | 23,714,444 | 58.9 | 24.0 | 14.11 |
| 1880 | 1,843,329 | 45,165,346 | 30,090,742 | 66.6 | 24.5 | 16.32 |
| 1881 | 1,967,510 | 41,161,330 | 33,862,513 | 82.3 | 20.9 | 17.21 |
| 1882 | 2,272,103 | 48,953,926 | 30,768,015 | 62.9 | 21.5 | 13.54 |
| 1883 | 2,379,009 | 50,136,097 | 29,420,423 | 58.7 | 21.1 | 12.37 |
| 1884 | 2,608,818 | 61,203,000 | 29,779,170 | 48.7 | 23.5 | 11.41 |
| 1885 | 2,729,359 | 58,360,000 | 32,867,696 | 56.3 | 21.4 | 12.04 |
| 1886 | 2,652,957 | 59,428,000 | 31,840,510 | 53.6 | 22.4 | 12.00 |
| 1887 | 2,901,953 | 56,812,000 | 29,464,390 | 51.9 | 19.6 | 10.15 |
| 1888 | 2,996,382 | 63,884,000 | 37,672,032 | 59.0 | 21.3 | 12.57 |
| 1889 | 3,220,834 | 78,332,976 | 32,614,271 | 41.6 | 24.3 | 10.13 |
| 1890 | 3,135,302 | 67,168,344 | 42,140,502 | 62.7 | 21.4 | 13.44 |
| 1891 | 3,352,579 | 86,839,153 | 45,470,342 | 52.4 | 25.9 | 13.56 |
| 1892 | 3,400,361 | 80,096,762 | 38,026,062 | 47.5 | 23.6 | 11.18 |
| 1893 | 3,220,371 | 69,869,495 | 28,729,386 | 41.1 | 21.7 | 8.92 |
| 1894 | 3,170,602 | 61,400,465 | 27,134,127 | 44.2 | 19.4 | 8.56 |
| 1895 | 3,299,978 | 87,072,744 | 29,312,413 | 33.7 | 26.4 | 8.88 |
| 1896 | 2,950,539 | 69,695,223 | 22,491,241 | 32.3 | 23.6 | 7.62 |
| 1897 | 2,719,116 | 66,685,127 | 25,142,139 | 37.7 | 24.5 | 9.25 |
| 1898 | 2,583,125 | 55,792,257 | 23,064,359 | 41.3 | 21.6 | 8.93 |
| 1899 | 2,878,229 | 73,881,563 | 29,594,254 | 40.3 | 25.5 | 10.28 |
| 1900 | 2,894,282 | 58,925,883 | 24,075,271 | 40.8 | 20.4 | 8.32 |
| 1901 | 4,295,744 | 109,932,924 | 49,705,163 | 45.2 | 25.6 | 11.57 |
| 1902 | 4,661,063 | 134,954,023 | 61,898,634 | 45.9 | 29.0 | 13.28 |
| 1903 | 4,993,137 | 131,861,391 | 60,166,313 | 45.6 | 26.4 | 12.05 |
| 1904 | 5,145,878 | 139,748,958 | 58,651,807 | 42.0 | 27.2 | 11.40 |
| 1905 | 5,095,528 | 136,651,020 | 55,047,166 | 40.3 | 26.8 | 10.80 |
| 1906 | 6,323,757 | 178,916,484 | 74,235,997 | 41.5 | 28.3 | 11.74 |
| 1907 | 6,448,000 | 153,597,000 | 102,290,000 | 66.6 | 23.8 | 15.86 |
| 1908 | 6,646,000 | 166,756,000 | 92,442,000 | 55.4 | 25.1 | 13.91 |
| 1909 | 7,011,000 | 170,284,000 | 93,971,000 | 55.2 | 24.3 | 13.40 |

**No. 66.**—CEREAL CROPS: ESTIMATED PRODUCTION AND VALUE, 1866 TO 1909—Continued.

## BUCKWHEAT.

| Calendar year. | Total— | | | Average— | | |
|---|---|---|---|---|---|---|
| | Area. | Production. | Farm value Dec. 1. | Farm value per bushel Dec. 1. | Yield per acre. | Farm value of yield per acre Dec. 1. |
| | *Acres.* | *Bushels.* | *Dollars.* | *Cents.* | *Bushels.* | *Dollars.* |
| 1866 | 1,045,624 | 22,791,839 | 15,413,160 | 67.6 | 21.8 | 14.74 |
| 1867 | 1,227,826 | 21,359,000 | 16,812,070 | 78.7 | 17.4 | 13.69 |
| 1868 | 1,113,993 | 19,863,700 | 15,490,426 | 78.0 | 17.8 | 13.91 |
| 1869 | 1,028,693 | 17,431,100 | 12,534,851 | 71.9 | 16.9 | 12.19 |
| 1870 | 536,992 | 9,841,500 | 6,937,471 | 70.5 | 18.3 | 12.92 |
| 1871 | 413,915 | 8,928,700 | 6,208,165 | 74.5 | 20.1 | 15.00 |
| 1872 | 448,497 | 8,136,500 | 5,979,222 | 73.5 | 18.1 | 13.33 |
| 1873 | 454,152 | 7,837,700 | 5,878,629 | 75.0 | 17.3 | 12.94 |
| 1874 | 452,590 | 8,016,600 | 5,843,645 | 72.9 | 17.7 | 12.91 |
| 1875 | 575,530 | 10,082,100 | 6,254,564 | 62.0 | 17.5 | 10.87 |
| 1876 | 666,441 | 9,668,800 | 6,435,836 | 66.6 | 14.5 | 9.66 |
| 1877 | 649,923 | 10,177,000 | 6,808,180 | 66.9 | 15.7 | 10.48 |
| 1878 | 673,100 | 12,246,820 | 6,441,240 | 52.6 | 18.2 | 9.57 |
| 1879 | 639,900 | 13,140,000 | 7,856,191 | 59.8 | 20.5 | 12.28 |
| 1880 | 822,802 | 14,617,535 | 8,682,488 | 59.4 | 17.8 | 10.55 |
| 1881 | 828,815 | 9,486,200 | 8,205,705 | 86.5 | 11.4 | 9.90 |
| 1882 | 847,112 | 11,019,353 | 8,038,862 | 73.0 | 13.0 | 9.49 |
| 1883 | 857,349 | 7,668,954 | 6,303,980 | 82.2 | 8.9 | 7.35 |
| 1884 | 879,403 | 11,116,000 | 6,549,020 | 58.9 | 12.6 | 7.45 |
| 1885 | 914,394 | 12,626,000 | 7,057,363 | 55.9 | 13.8 | 7.72 |
| 1886 | 917,915 | 11,869,000 | 6,465,120 | 54.5 | 12.9 | 7.04 |
| 1887 | 910,500 | 10,844,000 | 6,122,320 | 56.5 | 11.9 | 6.72 |
| 1888 | 912,630 | 12,050,000 | 7,627,647 | 63.3 | 13.2 | 8.36 |
| 1889 | 837,162 | 12,110,329 | 6,113,119 | 50.5 | 14.5 | 7.30 |
| 1890 | 844,579 | 12,432,831 | 7,132,872 | 57.4 | 14.7 | 8.45 |
| 1891 | 849,364 | 12,760,932 | 7,271,506 | 57.0 | 15.0 | 8.56 |
| 1892 | 861,451 | 12,143,185 | 6,295,643 | 51.8 | 14.1 | 7.31 |
| 1893 | 815,614 | 12,132,311 | 7,074,450 | 58.3 | 14.9 | 8.67 |
| 1894 | 789,232 | 12,668,200 | 7,040,238 | 55.6 | 16.1 | 8.92 |
| 1895 | 763,277 | 15,341,399 | 6,936,325 | 45.2 | 20.1 | 9.09 |
| 1896 | 754,898 | 14,089,783 | 5,522,339 | 39.2 | 18.7 | 7.32 |
| 1897 | 717,836 | 14,997,451 | 6,319,188 | 42.1 | 20.9 | 8.80 |
| 1898 | 678,332 | 11,721,927 | 5,271,462 | 45.0 | 17.3 | 7.77 |
| 1899 | 670,148 | 11,094,473 | 6,183,675 | 55.7 | 16.6 | 9.23 |
| 1900 | 637,980 | 9,566,966 | 5,341,418 | 55.8 | 15.0 | 8.37 |
| 1901 | 811,164 | 15,125,989 | 8,523,817 | 56.3 | 18.6 | 10.51 |
| 1902 | 804,839 | 14,529,770 | 8,654,704 | 59.6 | 18.1 | 10.75 |
| 1903 | 804,893 | 14,243,644 | 8,650,733 | 60.7 | 17.7 | 10.75 |
| 1904 | 793,625 | 15,008,336 | 9,330,768 | 62.2 | 18.9 | 11.76 |
| 1905 | 760,118 | 14,585,082 | 8,565,499 | 58.7 | 19.2 | 11.27 |
| 1906 | 789,203 | 14,641,937 | 8,727,443 | 59.6 | 18.6 | 11.06 |
| 1907 | 800,000 | 14,290,000 | 9,975,000 | 69.8 | 17.9 | 12.47 |
| 1908 | 803,000 | 15,874,000 | 12,004,060 | 75.6 | 19.8 | 14.95 |
| 1909 | 834,000 | 17,438,000 | 12,183,000 | 69.9 | 20.9 | 14.61 |

## No. 67.—CORN: Estimated Annual Production, by States and Territories, 1883 to 1909.

[From annual reports of the Department of Agriculture.]

| Calendar year. | Alabama. | Arkansas. | California. | Colorado. | Connecticut | Delaware. | Florida. | Georgia. | Illinois. | Indiana. |
|---|---|---|---|---|---|---|---|---|---|---|
| | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* |
| 1883 | 26,189,300 | 30,456,500 | 2,464,800 | 532,100 | 1,710,000 | 3,822,200 | 3,399,200 | 24,615,900 | 203,786,500 | 95,620,000 |
| 1884 | 30,197,000 | 32,465,000 | 4,800,000 | 710,000 | 1,767,700 | 3,975,000 | 3,837,000 | 30,925,000 | 244,544,000 | 104,757,000 |
| 1885 | 31,405,000 | 38,309,000 | 3,840,000 | 959,000 | 2,023,000 | 4,174,000 | 3,799,000 | 32,162,000 | 268,998,000 | 131,994,000 |
| 1886 | 28,893,000 | 42,140,000 | 4,262,000 | 938,000 | 1,992,000 | 3,590,000 | 4,597,000 | 31,197,000 | 209,818,000 | 118,795,000 |
| 1887 | 33,522,000 | 41,367,000 | 4,703,000 | 938,000 | 1,977,000 | 4,332,000 | 4,816,000 | 32,067,000 | 141,080,000 | 71,400,000 |
| 1888 | 31,616,000 | 41,543,000 | 4,314,000 | 777,000 | 1,778,000 | 3,844,000 | 4,541,000 | 28,069,000 | 278,060,000 | 125,478,000 |
| 1889 | 33,944,000 | 42,608,000 | 4,464,000 | 1,092,000 | 1,766,000 | 3,905,000 | 5,206,000 | 33,730,000 | 259,125,000 | 106,656,000 |
| 1890 | 25,390,000 | 33,443,000 | 4,396,000 | 767,000 | 2,014,000 | 4,128,000 | 4,570,000 | 31,306,000 | 187,446,000 | 89,025,000 |
| 1891 | 32,245,000 | 43,455,000 | 5,571,000 | 933,000 | 2,112,000 | 5,105,000 | 5,460,000 | 37,829,000 | 234,880,000 | 123,622,000 |
| 1892 | 30,666,000 | 34,344,000 | 2,197,000 | 2,773,000 | 1,518,000 | 3,775,000 | 4,422,000 | 32,992,000 | 165,327,000 | 103,334,000 |
| 1893 | 28,328,514 | 32,110,814 | 2,275,268 | 2,031,266 | 1,228,307 | 4,916,900 | 4,909,364 | 33,678,277 | 160,550,470 | 85,368,782 |
| 1894 | 34,760,311 | 38,437,824 | 1,288,294 | 2,473,709 | 1,404,269 | 4,397,228 | 5,214,044 | 35,143,735 | 169,121,491 | 96,888,377 |
| 1895 | 44,376,487 | 50,359,558 | 2,256,852 | 3,690,976 | 1,768,338 | 4,281,291 | 6,186,645 | 42,172,481 | 255,136,554 | 121,435,768 |
| 1896 | 32,445,075 | 29,723,854 | 2,202,573 | 2,852,928 | 1,773,004 | 4,933,676 | 4,860,940 | 32,829,654 | 284,572,704 | 133,468,265 |
| 1897 | 30,524,328 | 35,580,560 | 1,912,680 | 3,353,975 | 1,425,627 | 6,373,417 | 3,810,976 | 32,173,064 | 232,928,085 | 109,825,320 |
| 1898 | 39,681,630 | 45,365,220 | 1,184,040 | 3,113,892 | 1,657,785 | 5,219,600 | 4,244,472 | 26,586,648 | 199,959,810 | 129,154,572 |
| 1899 | 33,015,120 | 48,087,140 | 1,536,975 | 2,911,488 | 1,709,811 | 4,547,312 | 5,093,370 | 32,494,790 | 247,150,332 | 141,852,594 |
| 1900 | 29,355,942 | 45,225,947 | 1,351,975 | 3,188,941 | 1,771,180 | 5,010,312 | 4,156,192 | 34,119,530 | 264,176,226 | 153,200,800 |
| 1901 | 27,903,161 | 18,702,122 | 1,850,793 | 1,881,872 | 1,911,156 | 5,558,480 | 5,213,079 | 37,857,580 | 198,025,713 | 87,753,541 |
| 1902 | 23,223,623 | 50,655,042 | 1,839,150 | 1,909,000 | 1,651,671 | 5,239,752 | 5,180,640 | 35,093,979 | 372,436,416 | 171,332,142 |
| 1903 | 41,730,163 | 48,212,663 | 1,777,162 | 2,222,075 | 1,233,254 | 5,094,732 | 6,083,035 | 46,078,391 | 264,087,431 | 142,580,886 |
| 1904 | 41,877,165 | 48,332,614 | 1,556,269 | 2,415,658 | 2,120,244 | 5,688,326 | 6,640,334 | 47,334,713 | 344,133,680 | 143,396,852 |
| 1905 | 42,971,548 | 38,323,738 | 1,810,944 | 2,776,484 | 2,373,906 | 5,972,749 | 6,518,702 | 47,255,164 | 382,752,063 | 187,130,623 |
| 1906 | 47,849,392 | 52,802,569 | 1,994,814 | 3,157,136 | 2,223,800 | 5,894,160 | 6,875,000 | 52,066,596 | 347,169,585 | 183,893,767 |
| 1907 | 45,896,000 | 43,430,000 | 1,836,000 | 2,608,000 | 1,848,000 | 5,308,000 | 7,017,000 | 57,538,000 | 342,756,000 | 168,849,000 |
| 1908 | 44,835,000 | 54,035,000 | 1,600,000 | 2,536,000 | 2,395,000 | 6,240,000 | 6,584,000 | 53,750,000 | 298,620,000 | 137,835,000 |
| 1909 | 43,646,000 | 50,400,000 | 1,740,000 | 3,267,000 | 2,460,000 | 6,200,000 | 8,379,000 | 61,160,000 | 369,770,000 | 196,520,000 |

No. 67.—Corn: Estimated Annual Production, by States and Territories, 1883 to 1909—Continued.

| Calendar year. | Iowa. | Kansas. | Kentucky. | Louisiana. | Maryland. | Massachusetts. | Michigan. | Minnesota. | Mississippi. | Missouri. |
|---|---|---|---|---|---|---|---|---|---|---|
| | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* |
| 1883 | 169,629,000 | 172,800,900 | 78,201,800 | 13,130,600 | 16,251,200 | 2,039,100 | 21,412,300 | 15,124,800 | 25,257,100 | 161,655,000 |
| 1884 | 252,600,000 | 168,500,000 | 71,880,000 | 11,007,000 | 15,237,000 | 1,941,300 | 26,022,000 | 23,630,000 | 25,510,000 | 197,850,000 |
| 1885 | 242,496,000 | 158,390,000 | 90,569,000 | 15,410,000 | 15,999,000 | 1,961,000 | 30,706,000 | 18,431,000 | 25,765,000 | 196,861,000 |
| 1886 | 198,847,000 | 126,712,000 | 88,758,000 | 14,640,000 | 15,039,000 | 1,922,000 | 27,635,000 | 19,905,000 | 25,507,000 | 143,709,000 |
| 1887 | 183,502,000 | 76,547,000 | 57,840,000 | 18,022,000 | 19,415,000 | 2,124,000 | 18,930,000 | 18,081,000 | 32,633,000 | 140,949,000 |
| 1888 | 278,232,000 | 158,186,000 | 81,545,000 | 15,263,000 | 17,553,000 | 1,788,000 | 29,025,000 | 20,622,000 | 28,422,000 | 202,583,000 |
| 1889 | 349,966,000 | 240,508,000 | 75,382,000 | 18,949,000 | 15,105,000 | 1,997,000 | 22,737,000 | 21,263,000 | 29,474,000 | 218,841,000 |
| 1890 | 232,439,000 | 55,269,000 | 63,645,000 | 16,979,000 | 16,333,000 | 1,868,000 | 26,580,000 | 21,286,000 | 24,396,000 | 175,345,000 |
| 1891 | 350,878,000 | 141,893,000 | 82,795,000 | 18,725,000 | 18,881,000 | 2,138,000 | 31,133,000 | 21,586,000 | 29,665,000 | 203,210,000 |
| 1892 | 200,221,000 | 145,825,000 | 68,805,000 | 15,859,000 | 12,965,000 | 1,550,000 | 23,218,000 | 24,192,000 | 27,272,000 | 152,489,000 |
| 1893 | 251,832,150 | 139,456,702 | 68,008,060 | 15,216,266 | 15,078,221 | 1,355,410 | 21,790,538 | 25,103,572 | 25,817,179 | 158,197,715 |
| 1894 | 81,344,010 | 41,797,728 | 67,892,297 | 17,880,183 | 14,268,234 | 1,395,870 | 21,757,447 | 18,933,232 | 35,931,213 | 116,011,654 |
| 1895 | 298,502,650 | 204,759,746 | 93,939,331 | 22,574,284 | 16,531,205 | 1,847,224 | 33,600,242 | 35,956,690 | 35,977,169 | 238,072,248 |
| 1896 | 321,719,541 | 247,734,004 | 80,932,348 | 15,565,030 | 19,936,128 | 1,845,560 | 40,041,930 | 34,446,974 | 27,973,390 | 176,768,649 |
| 1897 | 220,089,149 | 162,442,728 | 64,485,744 | 21,575,533 | 20,353,542 | 1,283,295 | 31,201,096 | 25,840,880 | 30,345,948 | 171,923,882 |
| 1898 | 254,999,850 | 132,842,048 | 85,177,243 | 23,758,470 | 18,163,985 | 1,563,640 | 33,340,604 | 30,532,000 | 39,931,074 | 154,731,486 |
| 1899 | 242,249,841 | 237,621,222 | 55,392,687 | 25,896,726 | 18,562,432 | 1,449,504 | 26,476,350 | 31,171,272 | 39,043,712 | 162,915,064 |
| 1900 | 305,859,948 | 163,870,630 | 60,267,224 | 24,702,598 | 15,232,802 | 1,545,346 | 38,888,460 | 31,794,708 | 25,231,998 | 180,710,404 |
| 1901 | 230,264,550 | 61,506,034 | 49,575,178 | 18,035,392 | 21,298,187 | 1,766,488 | 45,536,550 | 35,797,456 | 22,473,120 | 66,436,376 |
| 1902 | 297,686,016 | 222,805,621 | 90,093,357 | 16,784,762 | 20,379,017 | 1,460,771 | 35,193,814 | 33,826,559 | 24,658,588 | 264,232,605 |
| 1903 | 229,218,220 | 171,687,014 | 82,545,546 | 27,937,905 | 17,871,260 | 1,075,272 | 44,212,228 | 40,726,870 | 39,848,273 | 202,839,584 |
| 1904 | 303,039,266 | 134,609,669 | 86,815,580 | 27,258,443 | 21,213,876 | 1,596,780 | 36,990,468 | 41,809,083 | 39,709,664 | 151,522,643 |
| 1905 | 305,112,376 | 193,275,836 | 94,893,638 | 19,516,499 | 23,202,536 | 1,679,962 | 41,775,936 | 48,997,455 | 30,027,569 | 203,294,798 |
| 1906 | 373,275,000 | 195,075,000 | 105,437,376 | 26,217,633 | 22,007,825 | 1,778,520 | 54,575,000 | 50,149,277 | 40,789,207 | 228,522,500 |
| 1907 | 270,220,000 | 155,142,000 | 93,060,000 | 28,000,000 | 22,196,000 | 1,584,000 | 57,190,000 | 43,605,000 | 42,500,000 | 241,025,000 |
| 1908 | 287,456,000 | 156,200,000 | 84,823,000 | 33,898,000 | 24,705,000 | 1,818,000 | 60,420,000 | 46,835,000 | 45,845,000 | 203,634,000 |
| 1909 | 289,800,000 | 154,225,000 | 103,472,000 | 51,198,000 | 21,980,000 | 1,786,000 | 69,950,000 | 58,812,000 | 40,745,000 | 213,840,000 |

| Calendar year. | Nebraska. | New Jersey. | New Mexico. | New York. | North Carolina. | North Dakota. | Ohio. | Oklahoma.[a] | Pennsylvania. |
|---|---|---|---|---|---|---|---|---|---|
| | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* |
| 1883 | 101,278,900 | 9,715,100 | 930,100 | 17,512,700 | 28,692,200 | 4,915,055 | 73,560,000 | ..... | 37,857,400 |
| 1884 | 122,100,000 | 10,992,032 | 950,000 | 22,674,300 | 31,499,000 | 13,950,000 | 85,393,000 | ..... | 43,466,000 |
| 1885 | 129,426,000 | 11,212,000 | 979,000 | 22,448,000 | 25,199,000 | 15,345,000 | 111,865,000 | ..... | 46,074,000 |
| 1886 | 106,129,000 | 9,418,000 | 973,000 | 22,426,000 | 27,215,000 | 15,805,000 | 96,204,000 | ..... | 40,545,000 |
| 1887 | 93,150,000 | 10,406,000 | 970,000 | 23,410,000 | 35,830,000 | 20,992,000 | 73,797,000 | ..... | 44,905,000 |
| 1888 | 144,217,000 | 11,351,000 | 992,000 | 22,870,000 | 28,343,000 | 18,816,000 | 93,018,000 | ..... | 45,414,000 |
| 1889 | 149,543,000 | 10,792,000 | 1,126,000 | 20,475,000 | 33,050,000 | 14,743,000 | 88,953,000 | ..... | 41,225,000 |
| 1890 | 55,310,000 | 11,185,000 | 1,126,000 | 17,101,000 | 36,264,000 | 12,030,000 | 65,876,000 | ..... | 38,043,000 |
| 1891 | 167,652,000 | 12,343,000 | 1,051,000 | 22,080,000 | 37,676,000 | 701,000 | 94,092,000 | ..... | 46,527,000 |
| 1892 | 157,145,000 | 9,124,000 | 585,000 | 17,414,000 | 25,347,000 | 375,000 | 83,853,000 | ..... | 39,632,000 |
| 1893 | 157,278,395 | 7,179,040 | 636,422 | 15,255,483 | 29,954,313 | 416,939 | 64,487,266 | ..... | 31,198,741 |
| 1894 | 13,855,524 | 8,991,251 | 451,639 | 13,854,040 | 32,959,484 | 464,064 | 71,973,737 | ..... | 40,749,376 |
| 1895 | 125,685,069 | 9,233,004 | 733,203 | 18,014,170 | 36,378,412 | 658,979 | 92,783,186 | ..... | 43,512,681 |
| 1896 | 298,599,638 | 9,325,338 | 388,160 | 17,892,738 | 29,504,148 | 974,540 | 123,691,957 | ..... | 52,475,000 |
| 1897 | 241,268,490 | 8,545,414 | 661,581 | 15,335,142 | 31,323,565 | 426,020 | 92,165,580 | ..... | 44,866,116 |
| 1898 | 158,754,666 | 9,334,841 | 509,418 | 15,671,535 | 34,070,400 | 461,852 | 102,828,439 | ..... | 45,190,135 |
| 1899 | 224,373,268 | 9,937,824 | 480,300 | 15,605,059 | 31,953,168 | 553,495 | 99,048,816 | 10,133,365 | 40,255,872 |
| 1900 | 210,430,064 | 8,493,012 | 554,752 | 17,236,032 | 29,790,180 | 381,184 | 106,890,188 | 14,144,052 | 32,707,900 |
| 1901 | 109,141,840 | 10,288,790 | 1,154,790 | 20,672,421 | 30,641,688 | 1,519,534 | 80,313,302 | 28,207,317 | 51,093,330 |
| 1902 | 252,520,173 | 10,100,565 | 811,998 | 16,130,750 | 37,622,880 | 1,604,380 | 121,608,512 | 79,093,602 | 53,658,426 |
| 1903 | 172,379,532 | 6,534,624 | 956,688 | 15,485,525 | 38,594,585 | 2,167,402 | 88,095,757 | 76,821,175 | 45,447,636 |
| 1904 | 260,942,335 | 10,449,962 | 778,179 | 17,079,290 | 40,705,478 | 1,914,530 | 99,628,555 | 103,236,686 | 48,535,748 |
| 1905 | 263,551,772 | 9,943,414 | 997,402 | 19,312,744 | 37,596,331 | 2,458,638 | 112,399,396 | 110,442,368 | 56,085,903 |
| 1906 | 249,782,500 | 10,082,289 | 1,182,203 | 22,685,000 | 41,796,846 | 4,170,000 | 141,645,000 | 134,230,590 | 57,960,239 |
| 1907 | 179,328,000 | 8,757,000 | 1,218,000 | 16,200,000 | 45,078,000 | 3,080,000 | 117,640,000 | 113,265,000 | 45,922,000 |
| 1908 | 205,767,000 | 10,564,000 | 1,755,000 | 24,250,000 | 50,166,000 | 3,856,000 | 136,675,000 | 122,239,000 | 57,275,000 |
| 1909 | 194,060,000 | 9,483,000 | 2,128,000 | 24,120,000 | 48,686,000 | 6,045,000 | 153,062,000 | 101,150,000 | 48,800,000 |

[a] After 1900 production of Indian Territory is included.

No. 67.—CORN: ESTIMATED ANNUAL PRODUCTION, BY STATES AND TERRITORIES, 1883 TO 1909—Continued.

| Calendar year. | South Carolina. | South Dakota.[a] | Tennessee. | Texas. | Vermont. | Virginia. | West Virginia. | Wisconsin. | All other. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|
| | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* |
| 1883 | 11,107,800 | ..... | 64,259,000 | 63,146,300 | 1,817,300 | 20,868,700 | 14,294,000 | 23,579,300 | 3,434,740 | 1,551,066,895 |
| 1884 | 13,320,000 | ..... | 65,723,000 | 60,290,000 | 1,998,700 | 29,480,000 | 11,900,000 | 26,200,000 | 3,437,400 | 1,795,528,432 |
| 1885 | 13,453,000 | ..... | 75,581,000 | 84,406,000 | 1,979,000 | 31,838,000 | 15,827,000 | 32,750,000 | 3,533,000 | 1,936,176,000 |
| 1886 | 13,318,000 | ..... | 73,314,000 | 69,213,000 | 2,058,000 | 32,793,000 | 15,194,000 | 28,493,000 | 3,447,000 | 1,665,441,000 |
| 1887 | 15,013,000 | ..... | 75,204,000 | 76,490,000 | 2,204,000 | 37,680,000 | 12,516,000 | 25,775,000 | 3,574,000 | 1,456,161,000 |
| 1888 | 13,715,000 | ..... | 75,665,000 | 92,436,000 | 1,494,000 | 34,745,000 | 16,149,000 | 32,733,000 | 2,593,000 | 1,987,790,000 |
| 1889 | 18,310,000 | ..... | 80,831,000 | 83,098,000 | 2,044,000 | 34,231,000 | 15,199,000 | 28,415,000 | 3,539,000 | 2,112,892,000 |
| 1890 | 16,078,000 | ..... | 67,692,000 | 63,302,000 | 1,839,000 | 26,922,000 | 13,435,000 | 33,061,000 | 3,581,000 | 1,489,970,000 |
| 1891 | 18,650,000 | 21,018,000 | 82,552,000 | 79,635,000 | 2,144,000 | 39,486,000 | 18,888,000 | 29,718,000 | 3,825,000 | 2,060,154,000 |
| 1892 | 16,713,000 | 17,706,000 | 61,274,000 | 73,642,000 | 1,643,000 | 26,067,000 | 14,322,000 | 27,347,000 | 2,531,000 | 1,628,464,000 |
| 1893 | 12,501,035 | 20,511,686 | 63,649,661 | 61,170,965 | 1,428,646 | 31,234,046 | 14,089,051 | 28,956,243 | 2,293,924 | 1,619,496,131 |
| 1894 | 18,728,819 | 1,490,345 | 68,060,316 | 69,338,676 | 1,835,021 | 32,195,858 | 12,611,968 | 16,292,266 | 2,676,518 | 1,212,770,052 |
| 1895 | 19,860,908 | 12,423,442 | 88,133,025 | 107,905,565 | 2,153,460 | 32,607,158 | 16,662,789 | 33,093,497 | 2,874,293 | 2,151,138,580 |
| 1896 | 15,781,374 | 31,136,950 | 71,893,446 | 32,228,017 | 1,994,322 | 38,067,986 | 21,689,160 | 38,890,071 | 2,715,433 | 2,283,875,165 |
| 1897 | 15,307,929 | 23,855,688 | 63,672,588 | 72,175,142 | 1,583,295 | 31,552,164 | 17,004,298 | 33,645,183 | 2,129,909 | 1,902,967,933 |
| 1898 | 17,519,070 | 28,109,956 | 76,467,742 | 105,336,700 | 1,984,106 | 38,756,564 | 20,328,826 | 35,327,425 | 2,324,916 | 1,924,184,660 |
| 1899 | 16,713,189 | 30,017,416 | 59,997,760 | 81,151,398 | 1,710,936 | 34,880,900 | 18,043,584 | 41,686,365 | 2,333,476 | 2,078,143,933 |
| 1900 | 13,129,137 | 32,418,819 | 56,997,880 | 81,962,910 | 1,939,080 | 28,183,760 | 19,299,708 | 49,547,240 | 2,335,455 | 2,105,102,516 |
| 1901 | 11,885,167 | 29,842,659 | 45,129,588 | 60,050,996 | 2,285,880 | 40,903,456 | 17,118,647 | 40,021,152 | 3,042,556 | 1,522,519,891 |
| 1902 | 18,988,705 | 29,812,822 | 73,081,329 | 44,867,415 | 1,258,252 | 41,345,656 | 20,512,616 | 42,425,349 | 2,522,357 | 2,523,648,312 |
| 1903 | 18,618,064 | 41,618,067 | 75,283,778 | 140,750,733 | 1,404,632 | 39,740,702 | 16,794,037 | 43,639,449 | 2,776,575 | 2,244,176,925 |
| 1904 | 22,189,837 | 43,855,052 | 80,890,025 | 136,702,699 | 2,133,429 | 42,899,913 | 19,176,413 | 45,119,913 | 3,181,563 | 2,467,480,934 |
| 1905 | 20,480,860 | 51,614,739 | 77,207,912 | 139,146,404 | 2,020,859 | 43,514,874 | 22,813,122 | 55,407,849 | 3,336,427 | 2,707,993,540 |
| 1906 | 23,611,233 | 62,812,500 | 86,428,912 | 155,804,782 | 2,005,430 | 45,188,523 | 22,725,000 | 60,105,732 | 3,445,155 | 2,927,416,091 |
| 1907 | 29,807,000 | 47,175,000 | 78,364,000 | 155,589,000 | 1,980,000 | 46,025,000 | 21,280,000 | 46,688,000 | 3,325,000 | 2,592,320,000 |
| 1908 | 29,229,000 | 57,677,000 | 83,080,000 | 201,848,000 | 2,499,000 | 50,050,000 | 23,962,000 | 49,674,000 | 3,971,000 | 2,668,651,000 |
| 1909 | 37,041,000 | 65,270,000 | 78,650,000 | 122,250,000 | 2,405,000 | 47,328,000 | 27,632,000 | 50,589,000 | 4,327,000 | 2,772,376,000 |

[a] See North Dakota.

## No. 68.—WHEAT: Estimated Annual Production, by States and Territories, 1883 to 1909.

[From annual reports of the Department of Agriculture.]

| Calendar year. | Alabama. | Arkansas. | California. | Colorado. | Georgia. | Idaho. | Iowa. | Illinois. | Indiana. | Kansas. | Kentucky. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* |
| 1883 | 1,437,500 | 1,416,400 | 36,322,000 | 2,394,000 | 2,574,900 | 682,500 | 27,518,800 | 22,150,000 | 28,447,800 | 26,851,100 | 9,612,600 |
| 1884 | 1,675,000 | 1,885,000 | 44,320,000 | 2,348,000 | 3,130,000 | 1,120,000 | 31,270,000 | 32,374,000 | 33,745,000 | 34,990,000 | 13,425,000 |
| 1885 | 1,307,000 | 1,565,000 | 26,592,000 | 2,395,000 | 2,817,000 | 1,154,000 | 30,332,000 | 10,683,000 | 26,659,000 | 11,197,000 | 3,759,000 |
| 1886 | 1,529,000 | 1,815,000 | 36,165,000 | 2,419,000 | 1,690,000 | 1,039,000 | 32,455,000 | 27,562,000 | 40,255,000 | 14,556,000 | 12,405,000 |
| 1887 | 1,305,000 | 2,290,000 | 30,429,000 | 2,514,000 | 2,522,000 | 1,120,000 | 26,837,000 | 36,861,000 | 37,828,000 | 7,607,000 | 11,113,000 |
| 1888 | 2,186,000 | 2,267,000 | 28,451,000 | 2,346,000 | 1,910,000 | 1,252,000 | 24,196,000 | 33,556,000 | 28,879,000 | 15,960,000 | 10,436,000 |
| 1889 | 2,502,000 | 1,794,000 | 43,781,000 | 1,851,000 | 2,383,000 | 1,449,000 | 21,023,000 | 38,014,000 | 41,187,000 | 30,912,000 | 10,811,000 |
| 1890 | 1,319,000 | 1,575,000 | 29,121,000 | 1,777,000 | 1,411,000 | 1,370,000 | 19,041,000 | 18,161,000 | 27,928,000 | 28,195,000 | 9,152,000 |
| 1891 | 2,251,000 | 2,236,000 | 36,595,000 | 2,037,000 | 2,323,000 | 1,311,000 | 27,586,000 | 35,025,000 | 52,807,000 | 54,866,000 | 13,181,000 |
| 1892 | 396,000 | 1,337,000 | 39,157,000 | 2,504,000 | 1,474,000 | 1,698,000 | 7,257,000 | 28,370,000 | 39,885,000 | 70,831,000 | 11,635,000 |
| 1893 | 392,616 | 1,369,688 | 34,852,517 | 1,816,795 | 1,732,824 | 1,514,857 | 6,749,224 | 15,507,313 | 35,579,404 | 23,251,973 | 10,584,461 |
| 1894 | 417,274 | 1,416,254 | 30,376,705 | 2,144,009 | 1,627,413 | 1,566,775 | 10,737,400 | 33,312,370 | 43,644,064 | 35,315,259 | 11,005,963 |
| 1895 | 373,283 | 1,452,360 | 40,097,798 | 2,808,250 | 1,330,706 | 1,221,899 | 13,654,778 | 19,060,712 | 20,294,492 | 22,919,566 | 9,501,225 |
| 1896 | 394,184 | 1,260,720 | 45,097,195 | 2,797,182 | 1,699,872 | 2,404,112 | 11,473,152 | 28,668,146 | 20,647,440 | 30,794,452 | 6,976,861 |
| 1897 | 302,860 | 1,783,120 | 32,394,020 | 5,117,544 | 1,633,946 | 2,707,672 | 13,153,114 | 11,578,003 | 32,675,201 | 47,998,152 | 12,283,343 |
| 1898 | 519,708 | 2,335,036 | 12,224,403 | 6,729,565 | 2,607,360 | 4,196,904 | 22,189,624 | 19,334,348 | 38,426,029 | 64,939,412 | 14,465,436 |
| 1899 | 431,186 | 1,953,361 | 33,743,909 | 7,337,781 | 2,021,225 | 3,440,103 | 18,195,489 | 12,665,410 | 25,361,175 | 36,468,044 | 8,201,575 |
| 1900 | 916,351 | 2,689,418 | 28,543,628 | 7,207,117 | 5,011,133 | 3,104,629 | 21,798,223 | 17,982,068 | 6,411,702 | 82,488,655 | 12,442,846 |
| 1901 | 1,155,256 | 3,126,860 | 34,743,111 | 7,531,756 | 3,042,167 | 6,241,216 | 21,048,101 | 30,052,053 | 31,932,890 | 99,079,304 | 11,611,196 |
| 1902 | 632,916 | 2,245,889 | 22,374,201 | 5,287,860 | 1,707,186 | 6,021,946 | 14,869,245 | 32,601,932 | 35,484,448 | 45,827,495 | 7,511,536 |
| 1903 | 1,020,410 | 1,922,578 | 20,926,192 | 7,423,581 | 1,859,740 | 5,127,987 | 12,531,804 | 16,571,940 | 23,994,030 | 87,249,557 | 7,726,235 |
| 1904 | 1,060,138 | 2,198,507 | 17,474,864 | 5,917,649 | 2,564,056 | 6,832,727 | 11,266,220 | 21,542,421 | 12,525,993 | 65,019,471 | 7,349,329 |
| 1905 | 1,041,082 | 1,564,808 | 17,542,013 | 6,358,875 | 2,106,556 | 10,341,532 | 13,683,003 | 29,951,584 | 35,351,464 | 77,001,104 | 8,809,955 |
| 1906 | 1,085,029 | 1,915,250 | 26,883,662 | 8,266,588 | 3,161,070 | 8,231,631 | 9,212,218 | 38,535,909 | 48,080,925 | 81,830,611 | 11,542,528 |
| 1907 | 890,000 | 1,463,000 | 20,520,000 | 8,497,000 | 2,673,000 | 8,639,000 | 7,653,000 | 40,104,000 | 34,013,000 | 65,609,000 | 8,808,000 |
| 1908 | 1,092,000 | 1,620,000 | 11,680,000 | 6,153,000 | 2,208,000 | 10,897,000 | 8,068,000 | 30,212,000 | 45,169,000 | 79,282,000 | 8,793,000 |
| 1909 | 1,029,000 | 1,721,000 | 11,550,000 | 10,758,000 | 2,450,000 | 14,465,000 | 7,446,000 | 31,494,000 | 33,124,000 | 87,203,000 | 7,906,000 |

**No. 68.—Wheat: Estimated Annual Production, by States and Territories, 1883 to 1909—Continued.**

| Calendar year. | Maryland. | Michigan. | Minnesota. | Missouri. | Montana. | Nebraska. | New Mexico. | New York. | North Carolina. | North Dakota. | Ohio. | Oregon. | Oklahoma. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* |
| 1883 | 7,577,000 | 25,011,000 | 33,773,200 | 23,819,360 | 942,000 | 27,481,360 | 977,900 | 8,035,200 | 4,230,800 | [a]16,128,000 | 25,884,000 | 13,122,400 | ..... |
| 1884 | 8,260,000 | 29,772,000 | 41,307,000 | 27,500,000 | 1,372,000 | 28,325,000 | 930,000 | 12,729,000 | 4,650,000 | [a]22,330,000 | 41,186,000 | 15,462,000 | ..... |
| 1885 | 5,534,000 | 31,261,000 | 34,285,000 | 11,275,000 | 1,715,000 | 19,828,000 | 1,023,000 | 10,565,000 | 2,790,000 | [a]27,913,000 | 20,593,000 | 13,916,000 | ..... |
| 1886 | 7,194,000 | 26,572,000 | 42,856,000 | 21,986,000 | 1,509,000 | 17,449,000 | 921,000 | 11,093,000 | 3,209,000 | [a]30,704,000 | 40,362,000 | 11,133,000 | ..... |
| 1887 | 5,797,000 | 21,672,000 | 36,299,000 | 27,744,000 | 1,760,000 | 16,585,000 | 1,221,000 | 10,137,000 | 5,094,000 | [a]52,406,000 | 35,895,000 | 16,100,000 | ..... |
| 1888 | 7,634,000 | 24,028,000 | 27,881,000 | 18,496,000 | 2,001,000 | 14,508,000 | 1,233,000 | 9,309,000 | 3,835,000 | [a]38,036,000 | 28,705,000 | 14,548,000 | ..... |
| 1889 | 6,171,000 | 23,709,000 | 45,456,000 | 20,639,000 | 1,539,000 | 16,848,000 | 1,096,000 | 8,929,000 | 4,492,000 | [a]41,652,000 | 36,865,000 | 13,689,000 | ..... |
| 1890 | 6,208,000 | 20,271,000 | 38,356,000 | 17,638,000 | 1,488,000 | 15,315,000 | 1,105,000 | 9,283,000 | 3,156,000 | [a]40,411,000 | 29,984,000 | 12,865,000 | [b] |
| 1891 | 8,107,000 | 30,205,000 | 55,333,000 | 25,732,000 | 1,856,000 | 18,080,000 | 1,073,000 | 10,633,000 | 4,975,000 | 52,105,000 | 45,531,000 | 13,149,000 | [b] |
| 1892 | 6,992,000 | 28,854,000 | 41,210,000 | 24,834,000 | 898,000 | 15,670,000 | 515,000 | 8,405,000 | 5,090,000 | 34,998,000 | 38,022,000 | 9,779,000 | [b] |
| 1893 | 6,721,691 | 19,920,714 | 30,694,685 | 15,287,552 | 933,767 | 10,687,889 | 664,793 | 6,846,059 | 5,937,716 | 26,428,208 | 38,916,608 | 10,790,885 | [b] |
| 1894 | 7,313,201 | 20,232,058 | 37,752,453 | 23,353,920 | 1,111,735 | 8,754,900 | 691,668 | 6,297,490 | 3,475,735 | 33,635,900 | 48,444,471 | 10,441,071 | 2,315,234 |
| 1895 | 7,800,756 | 15,237,803 | 65,584,155 | 18,499,968 | 1,065,223 | 14,787,024 | 809,248 | 7,301,069 | 4,748,552 | 61,057,710 | 32,215,579 | 11,862,720 | 2,592,656 |
| 1896 | 7,878,769 | 15,719,898 | 46,599,061 | 16,594,473 | 1,204,240 | 19,390,602 | 818,097 | 6,349,968 | 4,621,922 | 29,848,501 | 21,800,016 | 10,247,141 | 2,601,755 |
| 1897 | 12,277,056 | 23,700,144 | 59,891,104 | 14,104,458 | 2,268,240 | 27,452,647 | 4,282,848 | 7,374,611 | 4,169,680 | 28,353,552 | 38,049,133 | 18,155,031 | 10,389,542 |
| 1898 | 11,739,935 | 34,061,851 | 78,417,912 | 14,104,454 | 2,100,046 | 34,679,309 | 4,586,926 | 8,036,263 | 5,274,645 | 55,654,445 | 42,103,173 | 24,708,260 | 14,176,799 |
| 1899 | 10,710,966 | 13,335,193 | 68,223,581 | 11,398,702 | 1,792,935 | 20,791,776 | 2,579,855 | 7,005,765 | 3,495,598 | 51,758,630 | 39,998,006 | 21,949,536 | 16,202,765 |
| 1900 | 15,187,848 | 9,271,764 | 51,509,252 | 18,846,713 | 1,929,963 | 24,801,990 | 3,847,347 | 6,496,166 | 5,960,803 | 13,176,213 | 8,523,876 | 16,198,012 | 18,657,373 |
| 1901 | 13,315,139 | 13,702,939 | 80,102,627 | 31,137,097 | 2,353,386 | 42,006,885 | 952,342 | 7,831,481 | 6,762,118 | 59,310,669 | 33,532,551 | 17,158,065 | 20,558,761 |
| 1902 | 11,129,223 | 18,693,218 | 79,752,404 | 56,266,494 | 2,355,158 | 52,726,451 | 780,170 | 8,033,693 | 3,055,757 | 62,872,241 | 36,333,379 | 15,512,460 | 12,073,892 |
| 1903 | 10,120,338 | 15,524,862 | 70,652,597 | 22,194,614 | 2,784,327 | 42,157,560 | 822,701 | 9,683,894 | 3,228,606 | 55,240,580 | 28,303,515 | 12,438,827 | 24,482,637 |
| 1904 | 10,327,514 | 6,873,005 | 68,344,256 | 27,163,141 | 2,596,731 | 31,458,943 | 440,678 | 5,362,664 | 4,912,561 | 53,892,193 | 17,563,478 | 14,050,193 | 15,040,666 |
| 1905 | 13,196,790 | 19,003,274 | 72,434,234 | 23,022,338 | 2,843,362 | 48,002,603 | 947,740 | 10,300,941 | 3,975,278 | 75,623,044 | 32,197,710 | 13,382,585 | 11,764,114 |
| 1906 | 12,902,416 | 13,644,960 | 55,801,591 | 31,734,900 | 3,297,336 | 52,288,692 | 1,120,650 | 9,350,180 | 5,297,028 | 77,896,000 | 43,202,100 | 14,215,597 | 18,663,862 |
| 1907 | 14,763,000 | 12,731,000 | 67,600,000 | 29,212,000 | 4,003,000 | 45,911,000 | 1,104,000 | 7,197,000 | 5,320,000 | 55,130,000 | 30,677,000 | 15,265,000 | 8,631,000 |
| 1908 | 12,546,000 | 15,732,000 | 68,557,000 | 22,260,000 | 3,703,000 | 44,295,000 | 1,025,000 | 7,752,000 | 5,680,000 | 68,428,000 | 33,328,000 | 15,148,000 | 15,625,000 |
| 1909 | 11,165,000 | 14,570,000 | 94,080,000 | 28,562,000 | 10,764,000 | 49,650,000 | 1,004,000 | 8,820,000 | 5,415,000 | 90,762,000 | 23,532,000 | 16,377,000 | 15,680,000 |

[a] Dakota Territory (included what are now North Dakota and South Dakota).

[b] Established as a Territory in 1890.

| Calendar year. | Pennsylvania. | South Dakota. | Tennessee. | Texas. | Utah. | Virginia. | Washington. | West Virginia. | Wisconsin. | All other. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* |
| 1883 | 20,043,800 | [a] | 7,408,800 | 4,301,000 | 1,579,400 | 8,352,800 | 3,182,700 | 4,257,000 | 19,604,900 | 5,966,060 | 421,086,160 |
| 1884 | 20,820,000 | [a] | 9,320,000 | 5,561,000 | 1,675,000 | 7,455,000 | 4,118,000 | 3,318,000 | 20,083,000 | 6,310,000 | 512,765,600 |
| 1885 | 13,325,000 | [a] | 3,821,000 | 6,117,000 | 1,926,000 | 2,883,000 | 7,412,000 | 1,493,000 | 15,665,000 | 5,362,000 | 357,112,000 |
| 1886 | 18,255,000 | [a] | 8,024,000 | 5,383,000 | 1,541,000 | 5,581,000 | 7,560,000 | 3,061,000 | 14,725,000 | 6,210,000 | 457,218,000 |
| 1887 | 13,785,000 | [a] | 9,595,000 | 5,450,000 | 1,971,000 | 4,832,000 | 8,345,000 | 2,840,000 | 13,053,000 | 5,312,000 | 456,329,000 |
| 1888 | 18,802,000 | [a] | 10,297,000 | 6,066,000 | 1,945,000 | 5,172,000 | 9,006,000 | 2,899,000 | 13,855,000 | 6,173,000 | 415,868,000 |
| 1889 | 16,617,000 | [a] | 9,085,000 | 6,189,000 | 1,880,000 | 6,804,000 | 6,856,000 | 3,114,000 | 16,937,000 | 6,256,000 | 490,560,000 |
| 1890 | 16,049,000 | [a] | 7,873,000 | 3,575,000 | 2,279,000 | 5,614,000 | 8,071,000 | 2,326,000 | 13,096,000 | 5,244,000 | 399,262,000 |
| 1891 | 20,864,000 | 29,714,000 | 11,626,000 | 6,435,000 | 2,393,000 | 7,651,000 | 12,216,000 | 3,423,000 | 13,043,000 | 6,918,000 | 611,780,000 |
| 1892 | 19,331,000 | 31,767,000 | 8,540,000 | 5,475,000 | 1,775,000 | 7,591,000 | 9,005,000 | 4,302,000 | 8,814,000 | 4,633,000 | 515,949,000 |
| 1893 | 18,351,508 | 20,521,389 | 7,443,021 | 4,533,186 | 1,457,970 | 8,681,086 | 9,833,725 | 4,577,644 | 8,664,485 | 4,825,478 | 396,131,725 |
| 1894 | 18,848,700 | 15,934,255 | 5,897,788 | 6,893,150 | 2,359,544 | 6,995,249 | 9,108,420 | 4,816,478 | 9,366,176 | 4,664,424 | 460,267,416 |
| 1895 | 20,456,429 | 29,261,088 | 5,766,728 | 2,081,640 | 2,443,526 | 6,505,583 | 7,195,952 | 4,303,780 | 8,616,218 | 4,194,531 | 467,102,947 |
| 1896 | 17,737,286 | 27,583,450 | 6,628,462 | 4,529,210 | 2,803,753 | 5,724,913 | 8,358,192 | 4,056,511 | 8,898,950 | 5,475,860 | 427,684,346 |
| 1897 | 28,259,611 | 21,441,248 | 10,052,448 | 7,028,251 | 3,190,740 | 8,451,864 | 20,124,648 | 5,883,431 | 7,690,775 | 5,931,131 | 530,149,168 |
| 1898 | 26,609,940 | 42,040,923 | 13,980,080 | 9,348,464 | 5,105,184 | 10,626,112 | 23,453,043 | 5,816,700 | 13,089,972 | 6,836,444 | 675,148,705 |
| 1899 | 20,472,923 | 37,728,339 | 8,292,727 | 9,044,635 | 3,736,454 | 6,330,450 | 21,710,394 | 3,880,751 | 11,773,382 | 5,271,225 | 547,303,846 |
| 1900 | 20,281,334 | 20,149,684 | 11,696,088 | 23,395,913 | 3,697,106 | 9,421,932 | 25,096,661 | 4,452,895 | 13,166,599 | 7,868,293 | 522,229,505 |
| 1901 | 28,660,797 | 51,662,307 | 13,094,363 | 6,062,021 | 3,698,876 | 9,680,192 | 34,518,968 | 4,534,444 | 7,576,874 | 10,683,406 | 748,460,218 |
| 1902 | 24,628,171 | 43,973,023 | 6,050,743 | 8,633,277 | 3,748,669 | 3,635,494 | 23,672,187 | 2,743,233 | 9,655,094 | 9,173,813 | 670,063,008 |
| 1903 | 26,038,444 | 47,252,994 | 7,693,070 | 19,880,173 | 4,156,072 | 6,999,646 | 19,986,345 | 4,128,807 | 8,365,335 | 9,329,837 | 637,821,835 |
| 1904 | 21,857,961 | 31,556,784 | 9,298,417 | 12,483,562 | 4,793,825 | 7,257 065 | 32,140,603 | 3,158,826 | 7,483,563 | 10,596,513 | 552,399,517 |
| 1905 | 27,860,671 | 44,133,481 | 6,348,600 | 11,117,942 | 4,710,209 | 8,418,672 | 32,516,810 | 4,373,080 | 7,893,381 | 10,160,654 | 692,979,489 |
| 1906 | 29,073,188 | 41,955,400 | 10,892,725 | 14,126,186 | 4,888,626 | 9,306,825 | 25,075,258 | 4,879,861 | 4,690,816 | 12,211,341 | 735,266,970 |
| 1907 | 30,095,000 | 32,480,000 | 7,400,000 | 2,812,000 | 4,637,000 | 8,188,000 | 35,045,000 | 4,477,000 | 2,955,000 | 9,585,000 | 634,087,000 |
| 1908 | 29,415,000 | 37,862,000 | 8,190,000 | 10,164,000 | 5,825,000 | 8,892,000 | 27,162,000 | 4,693,000 | 3,328,000 | 9,818,000 | 664,602,000 |
| 1909 | 26,265,000 | 47,588,000 | 8,320,000 | 5,050,000 | 6,090,000 | 8,848,000 | 35,780,000 | 4,810,000 | 3,484,000 | 11,427,000 | 737,189,000 |

[a] See North Dakota.

## No. 69.—COTTON CROP IN SPECIFIED YEARS, 1839–1909: ACREAGE HARVESTED, PRODUCTION, AND FARM VALUE, BY STATES.[a]

| Year. | Alabama. | | | Arkansas. | | |
|---|---|---|---|---|---|---|
| | Area. | Product. | Value. | Area. | Product. | Value. |
| | *Acres.* | *Bales.*[b] | *Dollars.* | *Acres.* | *Bales.*[b] | *Dollars.* |
| 1839 | ..... | 305,846 | ..... | ..... | 15,741 | ..... |
| 1849 | ..... | 564,429 | ..... | ..... | 65,344 | ..... |
| 1859 | ..... | 989,955 | ..... | ..... | 367,393 | ..... |
| 1869 | ..... | 429,482 | ..... | ..... | 247,968 | ..... |
| 1879 | 2,330,086 | 699,654 | ..... | 1,042,976 | 608,256 | ..... |
| 1884 | 2,740,941 | 648,700 | ..... | 1,259,858 | 531,400 | ..... |
| 1889 | 2,761,165 | 915,210 | ..... | 1,700,578 | 691,494 | ..... |
| 1893 | 2,316,000 | 810,000 | ..... | 1,867,250 | 679,000 | ..... |
| 1894 | 2,664,861 | 900,439 | ..... | 1,483,319 | 748,206 | ..... |
| 1895 | 2,371,726 | 663,916 | ..... | 1,186,655 | 520,860 | ..... |
| 1896 | 2,656,333 | 833,789 | ..... | 1,542,652 | 605,643 | ..... |
| 1897 | 2,709,460 | 1,112,681 | ..... | 1,619,785 | 942,267 | ..... |
| 1898 | 3,003,176 | 1,176,042 | ..... | 1,876,467 | 919,469 | ..... |
| 1899 | 3,202,135 | 1,095,329 | 43,173,305 | 1,641,855 | 711,739 | 28,298,258 |
| 1900 | 3,403,746 | 1,038,592 | 51,765,654 | 1,742,787 | 812,529 | 41,145,588 |
| 1901 | 3,642,964 | 1,123,764 | 50,839,336 | 1,854,482 | 727,265 | 33,185,739 |
| 1902 | 3,501,614 | 977,045 | 44,615,918 | 1,901,758 | 967,748 | 45,689,293 |
| 1903 | 3,608,049 | 1,000,735 | 64,901,842 | 1,925,191 | 733,859 | 49,299,610 |
| 1904 | 3,611,781 | 1,471,170 | 68,781,860 | 2,051,185 | 916,945 | 45,175,356 |
| 1905 | 3,500,168 | 1,249,685 | 73,499,641 | 1,718,751 | 615,337 | 36,870,676 |
| 1906 | 3,658,000 | 1,263,674 | 68,132,907 | 2,097,000 | 916,106 | 50,693,080 |
| 1907 | 3,439,000 | 1,133,285 | 69,785,579 | 1,950,000 | 770,214 | 47,888,048 |
| 1908 | 3,591,000 | 1,360,601 | 69,065,372 | 2,296,000 | 1,020,704 | 52,136,939 |
| 1909[c] | 3,552,000 | 1,065,377 | 83,045,159 | 2,304,000 | 718,117 | 57,747,510 |

| Year. | Florida. | | | Georgia. | | |
|---|---|---|---|---|---|---|
| | Area. | Product. | Value. | Area. | Product. | Value. |
| | *Acres.* | *Bales.*[b] | *Dollars.* | *Acres.* | *Bales.*[b] | *Dollars.* |
| 1839 | ..... | 31,620 | ..... | ..... | 426,612 | ..... |
| 1849 | ..... | 45,131 | ..... | ..... | 499,091 | ..... |
| 1859 | ..... | 65,153 | ..... | ..... | 701,840 | ..... |
| 1869 | ..... | 39,789 | ..... | ..... | 473,934 | ..... |
| 1879 | 245,595 | 54,997 | ..... | 2,617,138 | 814,441 | ..... |
| 1884 | 268,111 | 57,300 | ..... | 2,958,930 | 807,400 | ..... |
| 1889 | 227,370 | 57,928 | ..... | 3,845,104 | 1,191,846 | ..... |
| 1893 | 165,000 | 55,000 | ..... | 3,050,000 | 1,000,000 | ..... |
| 1894 | 201,621 | 50,729 | ..... | 3,610,968 | 1,247,952 | ..... |
| 1895 | 191,540 | 38,722 | ..... | 3,069,323 | 1,067,377 | ..... |
| 1896 | 264,325 | 48,730 | ..... | 3,468,335 | 1,299,340 | ..... |
| 1897 | 251,109 | 53,657 | ..... | 3,537,702 | 1,350,781 | ..... |
| 1898 | 152,452 | 35,064 | ..... | 3,535,205 | 1,378,731 | ..... |
| 1899 | 221,825 | 56,875 | 2,910,579 | 3,513,839 | 1,300,184 | 50,759,634 |
| 1900 | 235,451 | 55,896 | 3,628,983 | 3,783,015 | 1,272,838 | 62,749,344 |
| 1901 | 254,596 | 57,644 | (d) | 4,006,199 | 1,393,054 | 60,623,742 |
| 1902 | 253,961 | 68,217 | 4,211,057 | 3,863,542 | 1,499,862 | 69,005,797 |
| 1903 | 268,666 | 59,317 | 4,653,204 | 4,048,912 | 1,327,596 | 84,744,133 |
| 1904 | 267,372 | 89,002 | 5,444,924 | 4,227,188 | 1,992,757 | 91,955,221 |
| 1905 | 256,173 | 86,180 | 5,187,225 | 3,738,703 | 1,759,033 | 102,777,033 |
| 1906 | 283,000 | 62,880 | 4,833,766 | 4,610,000 | 1,667,866 | 88,789,978 |
| 1907 | 265,000 | 57,736 | 4,653,454 | 4,774,000 | 1,901,576 | 116,790,689 |
| 1908 | 265,000 | 71,923 | 4,450,932 | 4,848,000 | 2,026,999 | 101,867,948 |
| 1909[c] | 266,000 | 62,936 | 5,760,921 | 4,763,000 | 1,901,830 | 148,035,996 |

[a] Census statistics of acreage prior to 1879 are not available. The statistics of acreage and production for census years and for production since 1898 are census figures, while the others are as published by the United States Department of Agriculture.

[b] The statistics of bales for 1849, 1859, and 1869 are in equivalent bales of 400 pounds each, as expressed in the census reports for those years; those for 1839 are in equivalent bales of 383 pounds net weight.

[c] Figures for acreage represent the planted and not the harvested area.

[d] Not shown separately, but included in total.

**No. 69.**—COTTON CROP IN SPECIFIED YEARS, 1839 TO 1909: ACREAGE HARVESTED, PRODUCTION, AND FARM VALUE, BY STATES[a]—Continued.

| Year. | Louisiana. | | | Mississippi. | | |
|---|---|---|---|---|---|---|
| | Area. | Product. | Value. | Area. | Product. | Value. |
| | *Acres.* | *Bales.*[b] | *Dollars.* | *Acres.* | *Bales.*[b] | *Dollars.* |
| 1839 | ..... | 398,817 | ..... | ..... | 504,965 | ..... |
| 1849 | ..... | 178,737 | ..... | ..... | 484,292 | ..... |
| 1859 | ..... | 777,738 | ..... | ..... | 1,202,507 | ..... |
| 1869 | ..... | 350,832 | ..... | ..... | 564,938 | ..... |
| 1879 | 864,787 | 508,569 | ..... | 2,106,215 | 963,111 | ..... |
| 1884 | 922,581 | 485,200 | ..... | 2,392,447 | 883,200 | ..... |
| 1889 | 1,270,154 | 659,180 | ..... | 2,883,278 | 1,154,725 | ..... |
| 1893 | 946,000 | 473,000 | ..... | 2,845,400 | 1,050,000 | ..... |
| 1894 | 1,313,296 | 760,757 | ..... | 2,826,272 | 1,231,227 | ..... |
| 1895 | 1,142,568 | 513,843 | ..... | 2,487,119 | 1,013,358 | ..... |
| 1896 | 1,245,899 | 567,251 | ..... | 2,835,316 | 1,201,000 | ..... |
| 1897 | 1,245,399 | 788,325 | ..... | 2,778,610 | 1,524,771 | ..... |
| 1898 | 1,281,691 | 717,747 | ..... | 2,900,298 | 1,247,128 | ..... |
| 1899 | 1,376,254 | 713,929 | 27,889,585 | 2,897,920 | 1,257,772 | 49,488,026 |
| 1900 | 1,480,781 | 720,088 | 35,671,229 | 3,194,795 | 1,061,973 | 52,932,354 |
| 1901 | 1,586,124 | 852,448 | 38,823,666 | 3,193,570 | 1,280,307 | 57,922,667 |
| 1902 | 1,617,586 | 886,365 | 40,366,447 | 3,183,989 | 1,451,750 | 66,751,272 |
| 1903 | 1,642,463 | 836,334 | 55,448,886 | 3,327,960 | 1,441,718 | 96,240,594 |
| 1904 | 1,745,865 | 1,107,271 | 52,409,183 | 3,632,458 | 1,808,617 | 87,918,263 |
| 1905 | 1,561,774 | 523,871 | 30,806,017 | 3,051,265 | 1,198,568 | 71,641,190 |
| 1906 | 1,739,000 | 979,270 | 52,818,373 | 3,408,000 | 1,521,491 | 81,786,032 |
| 1907 | 1,622,000 | 679,782 | 41,874,055 | 3,220,000 | 1,478,689 | 90,604,269 |
| 1908 | 1,550,000 | 481,979 | 24,221,407 | 3,395,000 | 1,668,461 | 84,725,223 |
| 1909[c] | 1,155,000 | 269,573 | 20,592,580 | 3,244,000 | 1,109,580 | 88,206,766 |

| Year. | Missouri.[d] | | | North Carolina. | | |
|---|---|---|---|---|---|---|
| | Area. | Product. | Value. | Area. | Product. | Value. |
| | *Acres.* | *Bales.*[b] | *Dollars.* | *Acres.* | *Bales.*[b] | *Dollars.* |
| 1839 | ..... | 2,662 | ..... | ..... | 135,578 | ..... |
| 1849 | ..... | 772 | ..... | ..... | 73,845 | ..... |
| 1859 | ..... | 42,886 | ..... | ..... | 145,514 | ..... |
| 1869 | ..... | 2,965 | ..... | ..... | 144,935 | ..... |
| 1879 | 34,783 | 21,685 | ..... | 893,153 | 389,593 | ..... |
| 1884 | 70,920 | 30,200 | ..... | 1,061,048 | 404,100 | ..... |
| 1889 | 60,620 | 16,941 | ..... | 1,147,136 | 336,261 | ..... |
| 1893 | 310,670 | 103,000 | ..... | 1,180,000 | 400,000 | ..... |
| 1894 | 72,107 | 25,543 | ..... | 1,296,522 | 479,441 | ..... |
| 1895 | 48,212 | 11,034 | ..... | 1,050,183 | 397,752 | ..... |
| 1896 | 79,373 | 24,717 | ..... | 1,228,714 | 521,795 | ..... |
| 1897 | 83,784 | 27,082 | ..... | 1,302,437 | 646,726 | ..... |
| 1898 | 82,498 | 33,207 | ..... | 1,311,708 | 629,620 | ..... |
| 1899 | 48,201 | 20,366 | 820,809 | 1,007,020 | 477,070 | 17,455,761 |
| 1900 | 50,173 | 27,830 | 1,428,237 | 1,091,034 | 513,677 | 24,040,578 |
| 1901 | 55,188 | 30,851 | (e) | 1,112,260 | 456,363 | 19,109,140 |
| 1902 | 61,830 | 44,592 | 2,045,639 | 1,075,743 | 576,670 | 26,020,846 |
| 1903 | 68,529 | 38,623 | 2,595,886 | 1,155,028 | 563,694 | 35,374,801 |
| 1904 | 79,403 | 53,394 | 2,600,938 | 1,306,968 | 758,846 | 34,058,487 |
| 1905 | 66,444 | 44,205 | 2,631,836 | 1,085,568 | 664,934 | 37,314,373 |
| 1906 | 91,000 | 57,476 | 3,048,794 | 1,374,000 | 626,642 | 32,650,649 |
| 1907 | 71,000 | 40,751 | 2,402,849 | 1,408,000 | 652,930 | 38,663,740 |
| 1908 | 87,000 | 66,470 | 3,238,713 | 1,458,000 | 701,356 | 33,875,637 |
| 1909[c] | 90,000 | 52,152 | 3,835,224 | 1,436,000 | 649,886 | 48,855,621 |

[a] Census statistics of acreage prior to 1879 are not available. The statistics of acreage and production for census years and for production since 1898 are census figures, while the others are as published by the United States Department of Agriculture.

[b] Census statistics of bales for 1849, 1859, and 1869 are in equivalent bales of 400 pounds each, as expressed in the census reports for those years; those for 1839 are in equivalent bales of 383 pounds net weight.

[c] Figures for acreage represent the planted and not the harvested area.

[d] Includes statistics for other cotton producing localities not named; also for Oklahoma and Virginia for 1893, and for Oklahoma in 1884.

[e] Not shown separately, but included in total.

No. 69.—Cotton Crop in Specified Years, 1839 to 1909: Acreage Harvested, Production, and Farm Value, by States[a]—Continued.

| Year. | Oklahoma. | | | South Carolina. | | | Tennessee. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. |
| | *Acres.* | *Bales.*[b] | *Dollars.* | *Acres.* | *Bales.*[b] | *Dollars.* | *Acres.* | *Bales.*[b] | *Dollars.* |
| 1839 | ..... | ..... | ..... | ..... | 161,123 | ..... | ..... | 72,327 | ..... |
| 1849 | ..... | ..... | ..... | ..... | 300,901 | ..... | ..... | 194,532 | ..... |
| 1859 | ..... | ..... | ..... | ..... | 353,412 | ..... | ..... | 296,464 | ..... |
| 1869 | ..... | ..... | ..... | ..... | 224,500 | ..... | ..... | 181,842 | ..... |
| 1879 | 35,000 | 17,000 | ..... | 1,364,249 | 522,548 | ..... | 722,562 | 330,621 | ..... |
| 1884 | (c) | (c) | ..... | 1,716,128 | 511,800 | ..... | 815,678 | 313,800 | ..... |
| 1889 | 71,187 | 34,540 | ..... | 1,987,469 | 747,190 | ..... | 747,471 | 190,579 | ..... |
| 1893 | (c) | (c) | ..... | 1,885,000 | 650,000 | ..... | 805,920 | 276,000 | ..... |
| 1894 | 262,890 | 135,566 | ..... | 2,160,391 | 862,604 | ..... | 879,954 | 304,981 | ..... |
| 1895 | 238,940 | 82,771 | ..... | 1,814,728 | 764,700 | ..... | 712,763 | 172,560 | ..... |
| 1896 | 219,674 | 122,956 | ..... | 2,014,348 | 936,463 | ..... | 912,337 | 236,781 | ..... |
| 1897 | 534,656 | 317,561 | ..... | 2,074,778 | 1,030,085 | ..... | 967,077 | 268,635 | ..... |
| 1898 | 530,799 | 316,864 | ..... | 2,353,213 | 1,035,414 | ..... | 896,722 | 322,820 | ..... |
| 1899 | 682,748 | 212,010 | 8,573,097 | 2,074,081 | 881,192 | 34,691,371 | 623,137 | 215,668 | 8,412,204 |
| 1900 | 709,006 | 349,355 | 18,140,599 | 2,195,252 | 787,231 | 38,232,143 | 662,612 | 225,350 | 11,231,099 |
| 1901 | 837,673 | 374,627 | 17,570,288 | 2,248,569 | 741,233 | 31,859,096 | 737,337 | 205,287 | 9,112,969 |
| 1902 | 1,017,090 | 538,352 | 25,840,039 | 2,205,016 | 961,822 | 44,551,656 | 754,600 | 319,244 | 14,644,721 |
| 1903 | 1,029,357 | 464,412 | 31,177,275 | 2,318,100 | 829,777 | 53,195,302 | 783,196 | 251,016 | 16,648,953 |
| 1904 | 1,315,663 | 811,552 | 38,173,434 | 2,531,875 | 1,208,180 | 56,433,286 | 881,841 | 329,627 | 16,132,779 |
| 1905 | 1,234,822 | 675,562 | 39,312,536 | 2,161,923 | 1,129,426 | 65,863,633 | 757,397 | 278,364 | 16,634,965 |
| 1906 | 1,981,000 | 893,062 | 48,338,669 | 2,389,000 | 931,726 | 49,388,619 | 814,000 | 304,054 | 16,338,825 |
| 1907 | 2,196,000 | 870,238 | 53,969,030 | 2,426,000 | 1,186,672 | 72,657,817 | 749,000 | 277,114 | 16,996,286 |
| 1908 | 2,311,000 | 705,200 | 34,948,317 | 2,545,000 | 1,242,012 | 61,964,522 | 754,000 | 349,525 | 17,481,097 |
| 1909[d] | 2,112,000 | 573,786 | 43,562,625 | 2,498,000 | 1,164,309 | ..... | 754,000 | 253,397 | 19,868,662 |

| Year. | Texas. | | | Virginia. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. |
| | *Acres.* | *Bales.*[b] | *Dollars.* | *Acres.* | *Bales.*[b] | *Dollars* | *Acres.* | *Bales.* | *Dollars.* |
| 1839 | ..... | ..... | ..... | ..... | 9,124 | ..... | ..... | 2,063,915 | ..... |
| 1849 | ..... | 58,072 | ..... | ..... | 3,947 | ..... | ..... | 2,469,093 | ..... |
| 1859 | ..... | 431,463 | ..... | ..... | 12,727 | ..... | ..... | 5,387,052 | ..... |
| 1869 | ..... | 350,628 | ..... | ..... | 133 | ..... | ..... | 3,011,996 | ..... |
| 1879 | 2,178,435 | 805,284 | ..... | 45,040 | 19,595 | ..... | 14,480,019 | 5,755,359 | ..... |
| 1884 | 3,186,668 | 995,400 | ..... | 46,302 | 13,500 | ..... | 17,439,612 | 5,682,000 | ..... |
| 1889 | 3,934,525 | 1,471,242 | ..... | 39,213 | 5,375 | ..... | 20,175,270 | 7,472,511 | ..... |
| 1893 | 4,153,760 | 1,997,000 | ..... | (c) | (c) | ..... | 19,525,000 | 7,493,000 | ..... |
| 1894 | 6,854,621 | 3,140,392 | ..... | 61,128 | 13,414 | ..... | 23,687,950 | 9,901,251 | ..... |
| 1895 | 5,826,428 | 1,905,337 | ..... | 44,623 | 7,964 | ..... | 20,184,808 | 7,161,094 | ..... |
| 1896 | 6,758,656 | 2,122,701 | ..... | 47,747 | 11,539 | ..... | 23,273,209 | 8,532,705 | ..... |
| 1897 | 7,164,175 | 2,822,408 | ..... | 50,612 | 12,878 | ..... | 24,319,584 | 10,897,857 | ..... |
| 1898 | 6,991,904 | 3,363,109 | ..... | 51,162 | 13,990 | ..... | 24,967,295 | 11,189,205 | ..... |
| 1899 | 6,960,367 | 2,556,413 | 103,739,826 | 25,724 | 9,239 | 343,798 | 24,275,101 | 9,507,786 | 376,556,253 |
| 1900 | 7,178,915 | 3,363,310 | 174,307,700 | 30,572 | 12,133 | 554,923 | 25,758,139 | 10,245,602 | 515,823,431 |
| 1901 | 7,656,312 | 2,491,394 | 115,759,134 | 35,145 | 14,309 | (c) | 27,220,414 | 9,748,546 | 439,166,710 |
| 1902 | 7,640,531 | 2,475,881 | 117,417,678 | 36,843 | 16,925 | 736,772 | 27,114,103 | 10,784,473 | 501,897,135 |
| 1903 | 7,801,578 | 2,454,616 | 165,393,830 | 39,864 | 14,024 | 874,914 | 28,016,893 | 10,015,721 | 660,549,230 |
| 1904 | 8,355,491 | 3,132,503 | 152,163,661 | 47,199 | 17,446 | 784,194 | 30,053,739 | 13,697,310 | 652,031,636 |
| 1905 | 6,945,501 | 2,490,128 | 148,874,464 | 38,664 | 16,259 | 884,743 | 26,117,153 | 10,725,602 | 632,298,332 |
| 1906 | 8,894,000 | 4,066,472 | 223,546,247 | 36,000 | 14,596 | 781,348 | 31,374,000 | 13,305,266 | 721,647,237 |
| 1907 | 9,156,000 | 2,267,293 | 144,075,780 | 35,000 | 9,602 | 589,474 | 31,311,000 | 11,325,832 | 700,956,011 |
| 1908 | 9,316,000 | 3,724,575 | 192,609,640 | 28,000 | 12,326 | 645,209 | 32,444,000 | 13,432,131 | 681,230,956 |
| 1909[d] | 9,716,000 | 2,554,520 | 201,942,679 | 28,000 | 10,746 | 813,351 | 31,918,000 | 10,386,209 | 812,089,883 |

[a] Census statistics of acreage prior to 1879 are not available. The statistics of acreage and production for census years and for production since 1898 are census figures, while the others are as published by the United States Department of Agriculture.

[b] The statistics of bales for 1849, 1859, and 1869 are in equivalent bales of 400 pounds each, as expressed in the census reports for those years; those for 1839 are in equivalent bales of 323 pounds net weight.

[c] Included with Missouri.

[d] Figures for acreage represent the planted and not the harvested area.

[e] Not shown separately, but included in total.

**No. 70.—HAY CROP:** ESTIMATED ACREAGE, PRODUCTION, AND VALUE, 1904 TO 1908, AND IN 1909 BY STATES AND TERRITORIES.

[From reports of the Department of Agriculture.]

| State or Territory. | Acreage. | Yield per acre. | Production. | Price per shortton, Dec. 1. | Total farm value, Dec. 1. |
|---|---|---|---|---|---|
| | *Acres.* | *Short tons.* | *Short tons.* | *Dollars.* | *Dollars.* |
| Alabama | 111,000 | 1.50 | 166,000 | 13.50 | 2,241,000 |
| Arizona | 109,000 | 3.30 | 360,000 | 12.80 | 4,608,000 |
| Arkansas | 198,000 | 1.25 | 248,000 | 10.80 | 2,678,000 |
| California | 650,000 | 1.70 | 1,105,000 | 11.50 | 12,708,000 |
| Colorado | 704,000 | 2.50 | 1,760,000 | 10.00 | 17,600,000 |
| Connecticut | 490,000 | 1.15 | 564,000 | 19.30 | 10,885,000 |
| Delaware | 78,000 | 1.40 | 109,000 | 15.00 | 1,635,000 |
| Florida | 19,000 | 1.38 | 26,000 | 15.00 | 390,000 |
| Georgia | 87,000 | 1.35 | 117,000 | 15.80 | 1,849,000 |
| Idaho | 477,000 | 2.85 | 1,359,000 | 9.10 | 12,367,000 |
| Illinois | 2,852,000 | 1.45 | 4,135,000 | 9.90 | 40,936,000 |
| Indiana | 2,200,000 | 1.40 | 3,080,000 | 10.50 | 32,340,000 |
| Iowa | 3,648,000 | 1.64 | 5,983,000 | 7.10 | 42,479,000 |
| Kansas | 1,829,000 | 1.45 | 2,652,000 | 6.00 | 15,912,000 |
| Kentucky | 480,000 | 1.36 | 653,000 | 11.90 | 7,771,000 |
| Louisiana | 23,000 | 1.50 | 34,000 | 10.70 | 364,000 |
| Maine | 1,400,000 | .95 | 1,330,000 | 14.70 | 19,551,000 |
| Maryland | 297,000 | 1.20 | 356,000 | 14.40 | 5,126,000 |
| Massachusetts | 585,000 | 1.15 | 673,000 | 18.90 | 12,720,000 |
| Michigan | 2,618,000 | 1.30 | 3,403,000 | 11.40 | 38,794,000 |
| Minnesota | 927,000 | 1.75 | 1,622,000 | 6.00 | 9,732,000 |
| Mississippi | 83,000 | 1.47 | 122,000 | 11.50 | 1,403,000 |
| Missouri | 2,755,000 | 1.35 | 3,719,000 | 8.30 | 30,868,000 |
| Montana | 556,000 | 1.79 | 995,000 | 10.00 | 9,950,000 |
| Nebraska | 1,550,000 | 1.50 | 2,325,000 | 6.00 | 13,950,000 |
| Nevada | 210,000 | 2.35 | 494,000 | 10.50 | 5,187,000 |
| New Hampshire | 640,000 | .97 | 621,000 | 17.90 | 11,116,000 |
| New Jersey | 437,000 | 1.25 | 546,000 | 16.50 | 9,009,000 |
| New Mexico | 185,000 | 2.60 | 481,000 | 11.10 | 5,339,000 |
| New York | 4,764,000 | 1.05 | 5,002,000 | 14.20 | 71,023,000 |
| North Carolina | 175,000 | 1.38 | 242,000 | 14.40 | 3,485,000 |
| North Dakota | 194,000 | 1.37 | 266,000 | 5.00 | 1,330,000 |
| Ohio | 2,820,000 | 1.43 | 4,033,000 | 10.90 | 43,960,000 |
| Oklahoma | 900,000 | .90 | 810,000 | 7.30 | 5,913,000 |
| Oregon | 422,000 | 2.05 | 865,000 | 11.70 | 10,120,000 |
| Pennsylvania | 3,118,000 | 1.20 | 3,742,000 | 14.60 | 54,638,000 |
| Rhode Island | 62,000 | 1.10 | 68,000 | 18.60 | 1,265,000 |
| South Carolina | 66,000 | 1.23 | 81,000 | 15.50 | 1,256,000 |
| South Dakota | 536,000 | 1.50 | 804,000 | 5.10 | 4,100,000 |
| Tennessee | 450,000 | 1.50 | 675,000 | 12.80 | 8,640,000 |
| Texas | 618,000 | .95 | 587,000 | 11.90 | 6,985,000 |
| Utah | 375,000 | 2.90 | 1,088,000 | 9.00 | 9,792,000 |
| Vermont | 879,000 | 1.25 | 1,099,000 | 14.70 | 16,155,000 |
| Virginia | 466,000 | 1.30 | 606,000 | 13.30 | 8,060,000 |
| Washington | 380,000 | 2.10 | 798,000 | 14.00 | 11,172,000 |
| West Virginia | 675,000 | 1.25 | 844,000 | 13.30 | 11,225,000 |
| Wisconsin | 2,369,000 | 1.53 | 3,625,000 | 9.60 | 34,800,000 |
| Wyoming | 277,000 | 2.40 | 665,000 | 8.90 | 5,918,000 |
| Total, 1909 | 45,744,000 | 1.42 | 64,938,000 | 10.62 | 689,345,000 |
| 1904 | 39,998,602 | 1.52 | 60,696,028 | 8.72 | 529,107,625 |
| 1905 | 39,361,960 | 1.54 | 60,531,611 | 8.52 | 515,959,784 |
| 1906 | 42,476,224 | 1.35 | 57,145,959 | 10.37 | 592,539,671 |
| 1907 | 44,028,000 | 1.45 | 63,677,000 | 11.68 | 743,507,000 |
| 1908 | 46,486,000 | 1.52 | 70,798,000 | 8.98 | 635,423,000 |

No. 71.—TOBACCO CROP IN SPECIFIED YEARS, 1897 TO 1909: ESTIMATED ACREAGE, PRODUCT, AND FARM VALUE,[a] BY STATES AND TERRITORIES.

[From annual reports of the Department of Agriculture and from the reports of the Bureau of the Census, Department of Commerce and Labor.]

| Calendar year. | Arkansas. | | | Connecticut. | | | Illinois. | | | Indiana. | | | Kentucky. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. |
| | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* |
| 1899[b] | 1,887 | 831,700 | 85,395 | 10,119 | 16,930,770 | 3,074,022 | 2,242 | 1,447,150 | 85,411 | 8,219 | 6,882,470 | 445,658 | 384,805 | 314,288,050 | 18,541,982 |
| 1900 | 1,580 | 643,594 | 75,105 | 10,948 | 18,435,765 | 2,833,041 | 1,563 | 796,177 | 53,980 | 9,279 | 7,174,722 | 440,472 | 367,262 | 297,584,134 | 17,245,872 |
| 1901 | 1,827 | 456,574 | 58,658 | 11,782 | 18,682,319 | 2,756,221 | 1,324 | 563,723 | 39,825 | 8,299 | 6,541,416 | 354,143 | 374,644 | 324,809,420 | 18,644,931 |
| 1902 | 1,405 | 899,200 | 107,904 | 12,725 | 21,785,200 | 3,485,632 | 1,311 | 852,150 | 59,650 | 7,469 | 6,236,615 | 436,563 | 322,194 | 257,755,200 | 15,465,312 |
| 1903 | 1,222 | 789,412 | 94,729 | 13,234 | 21,174,400 | 3,282,032 | 1,298 | 850,190 | 51,862 | 7,096 | 5,556,168 | 344,482 | 338,304 | 267,260,160 | 16,570,130 |
| 1904 | 1,234 | 697,210 | 83,665 | 12,705 | 21,407,925 | 4,838,191 | 1,155 | 773,850 | 41,788 | 6,244 | 4,314,604 | 366,741 | 277,409 | 229,417,243 | 14,682,704 |
| 1905 | 1,049 | 734,300 | 102,802 | 13,340 | 23,011,500 | 3,911,955 | 1,132 | 1,018,800 | 61,128 | 6,244 | 5,113,836 | 806,830 | 275,874 | 228,975,420 | 16,028,279 |
| 1906 | 944 | 656,080 | 78,730 | 14,140 | 24,582,960 | 4,415,922 | 1,075 | 881,500 | 61,705 | 12,000 | 10,980,000 | 746,040 | 290,000 | 252,300,000 | 19,427,100 |
| 1907 | 900 | 513,000 | 69,000 | 14,400 | 21,744,000 | 2,501,000 | 1,100 | 880,000 | 88,000 | 15,000 | 14,100,000 | 1,382,000 | 270,200 | 240,478,000 | 24,529,000 |
| 1908 | 891 | 543,510 | 81,526 | 13,824 | 23,224,320 | 3,948,134 | 1,500 | 1,132,500 | 96,262 | 12,450 | 8,715,000 | 1,045,800 | 240,000 | 195,600,000 | 17,799,600 |
| 1909 | 900 | 540,000 | 81,000 | 13,400 | 22,110,000 | 3,648,150 | 1,500 | 1,125,000 | 123,750 | 20,000 | 19,000,000 | 2,090,000 | 420,000 | 350,700,000 | 37,174,200 |

| Calendar year. | Maryland. | | | Massachusetts. | | | Missouri. | | | New York. | | | North Carolina. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. |
| | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* |
| 1899[b] | 42,911 | 24,589,480 | 1,438,169 | 3,826 | 6,406,570 | 956,399 | 4,361 | 3,041,996 | 218,991 | 11,307 | 13,958,370 | 1,172,236 | 203,023 | 127,503,400 | 8,038,691 |
| 1900 | 43,995 | 23,182,736 | 1,314,948 | 4,041 | 7,367,363 | 1,141,194 | 3,782 | 2,268,316 | 287,599 | 8,527 | 10,101,350 | 844,897 | 193,329 | 119,504,625 | 8,096,164 |
| 1901 | 44,081 | 26,315,655 | 1,675,676 | 4,284 | 7,752,200 | 964,216 | 2,098 | 963,248 | 144,068 | 8,835 | 10,019,750 | 716,594 | 189,020 | 105,807,677 | 9,714,243 |
| 1902 | 34,081 | 21,300,625 | 1,278,038 | 4,755 | 7,417,800 | 1,112,670 | 2,140 | 1,819,000 | 200,090 | 8,040 | 10,050,000 | 804,000 | 219,263 | 142,520,950 | 9,976,466 |
| 1903 | 33,059 | 21,488,350 | 1,181,859 | 4,993 | 6,990,200 | 838,824 | 2,012 | 1,404,376 | 126,394 | 7,960 | 8,955,000 | 716,400 | 214,878 | 134,728,506 | 8,487,896 |
| 1904 | 32,067 | 19,913,607 | 1,294,384 | 4,444 | 7,510,360 | 1,396,927 | 1,771 | 1,108,646 | 94,235 | 5,492 | 6,288,340 | 628,834 | 143,968 | 98,618,080 | 8,481,155 |
| 1905 | 30,143 | 19,592,950 | 1,175,577 | 4,488 | 8,302,800 | 1,403,173 | 1,665 | 1,295,370 | 103,630 | 6,151 | 7,061,348 | 741,442 | 136,770 | 83,156,160 | 7,317,742 |
| 1906 | 29,540 | 17,724,000 | 1,205,232 | 4,712 | 8,246,000 | 1,525,510 | 1,498 | 1,093,540 | 98,419 | 7,074 | 8,842,500 | 1,220,265 | 120,358 | 69,807,640 | 6,980,764 |
| 1907 | 25,700 | 16,962,000 | 1,103,000 | 4,700 | 7,167,500 | 788,000 | 1,500 | 1,237,500 | 136,000 | 7,100 | 8,165,000 | 490,000 | 161,400 | 100,875,000 | 11,096,000 |
| 1908 | 26,000 | 18,200,000 | 1,365,000 | 4,512 | 7,444,800 | 1,153,944 | 2,500 | 2,187,500 | 273,438 | 6,177 | 7,257,975 | 689,508 | 200,000 | 134,000,000 | 14,070,000 |
| 1909 | 25,000 | 17,750,000 | 1,473,250 | 4,400 | 7,040,000 | 985,600 | 5,000 | 4,425,000 | 575,250 | 6,000 | 7,050,000 | 564,000 | 240,000 | 144,000,000 | 18,680,000 |

| Calendar year. | Ohio. | | | Pennsylvania. | | | Tennessee. | | | Virginia. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. |
| | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* |
| 1899[b] | 71,422 | 65,957,100 | 4,864,191 | 27,760 | 41,502,620 | 2,959,304 | 71,849 | 49,157,550 | 2,748,495 | 134,334 | 122,884,900 | 7,210,195 |
| 1900 | 65,503 | 58,370,304 | 3,795,869 | 24,147 | 36,802,670 | 2,259,897 | 65,405 | 42,971,283 | 2,403,517 | 170,700 | 105,543,960 | 6,550,995 |
| 1901 | 62,357 | 54,466,263 | 3,974,205 | 18,771 | 28,070,700 | 1,712,642 | 66,478 | 47,659,810 | 2,860,129 | 168,800 | 107,196,529 | 8,130,765 |
| 1902 | 62,949 | 55,709,865 | 3,899,691 | 17,269 | 22,017,975 | 1,321,078 | 59,830 | 38,839,500 | 2,333,370 | 182,359 | 136,769,250 | 9,573,848 |
| 1903 | 60,431 | 51,064,195 | 3,676,622 | 15,887 | 22,495,992 | 1,642,207 | 71,198 | 49,838,600 | 3,737,895 | 162,300 | 120,913,500 | 7,375,724 |
| 1904 | 59,827 | 50,793,123 | 4,063,450 | 14,457 | 18,635,073 | 1,658,521 | 47,703 | 34,823,190 | 2,019,745 | 133,086 | 96,487,350 | 7,140,064 |
| 1905 | 59,229 | 50,344,650 | 4,228,951 | 15,324 | 20,993,880 | 2,267,339 | 41,502 | 31,873,536 | 2,390,515 | 118,447 | 79,951,725 | 6,076,331 |
| 1906 | 70,000 | 74,200,000 | 8,533,000 | 26,000 | 35,750,000 | 4,597,750 | 43,400 | 34,069,000 | 2,555,175 | 108,971 | 73,555,425 | 6,031,545 |
| 1907 | 67,200 | 60,480,000 | 5,080,000 | 32,000 | 40,320,000 | 3,024,000 | 46,500 | 37,200,000 | 3,646,000 | 98,100 | 74,556,000 | 7,828,000 |
| 1908 | 50,400 | 33,768,000 | 3,545,640 | 29,440 | 39,008,000 | 4,095,840 | 65,000 | 52,000,000 | 4,680,000 | 140,000 | 114,100,000 | 10,497,200 |
| 1909 | 90,000 | 83,250,000 | 8,741,250 | 31,200 | 30,732,000 | 2,765,880 | 73,000 | 58,290,000 | 4,156,620 | 155,000 | 120,125,000 | 10,210,625 |

| Calendar year. | West Virginia. | | | Wisconsin. | | | All other. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. | Area. | Product. | Value. |
| | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* | *Acres.* | *Pounds.* | *Dollars.* |
| 1899[b] | 5,129 | 3,087,140 | 228,620 | 33,830 | 45,500,480 | 2,898,091 | [c] 34,436 | [c] 24,143,119 | [c] 2,022,052 | [c] 1,101,460 | [c] 868,112,865 | [c] 56,987,902 |
| 1900 | 4,819 | 2,852,263 | 209,184 | 38,651 | 54,126,366 | 3,857,720 | 32,946 | 26,619,713 | 2,250,678 | 1,046,427 | 814,345,341 | 53,661,132 |
| 1901 | 4,723 | 2,781,912 | 215,874 | 38,738 | 52,441,051 | 4,054,630 | 33,638 | 24,425,126 | 2,266,088 | 1,039,199 | 818,953,373 | 58,283,108 |
| 1902 | 4,676 | 2,969,260 | 207,848 | 48,422 | 64,885,480 | 4,541,984 | 41,846 | 29,945,893 | 2,759,366 | 1,030,734 | 821,823,963 | 57,563,510 |
| 1903 | 4,395 | 2,812,800 | 174,394 | 51,812 | 69,946,200 | 4,756,342 | 47,656 | 29,704,376 | 2,456,835 | 1,037,735 | 815,972,425 | 55,514,627 |
| 1904 | 4,087 | 2,901,770 | 246,650 | 40,931 | 52,473,542 | 4,092,936 | 19,829 | 14,296,826 | 2,252,969 | 806,409 | 660,460,739 | 53,382,959 |
| 1905 | 4,005 | 3,163,950 | 268,936 | 39,294 | 53,832,780 | 5,383,278 | 21,455 | 14,610,714 | 1,751,160 | 776,112 | 633,033,719 | 53,519,068 |
| 1906 | 4,005 | 3,123,900 | 287,399 | 39,000 | 49,725,000 | 6,712,875 | 23,382 | 16,941,045 | 3,454,616 | 796,099 | 682,428,530 | 68,232,647 |
| 1907 | 4,800 | 3,456,000 | 346,000 | 35,100 | 38,610,000 | 2,510,000 | 35,100 | 31,382,000 | 6,795,000 | 820,800 | 698,126,000 | 71,411,000 |
| 1908 | 6,200 | 4,650,000 | 651,000 | 35,000 | 39,550,000 | 3,955,000 | 41,531 | 36,679,775 | 6,182,293 | 875,425 | 718,061,380 | 74,130,185 |
| 1909 | 14,400 | 12,600,000 | 1,663,200 | 31,500 | 37,170,000 | 3,419,640 | 49,000 | 38,450,000 | 4,366,950 | 1,180,300 | 949,357,000 | 95,719,365 |

[a] The value given is for December 1.

[b] Census figures.

[c] Exclusive of Hawaii.

No. 72.—POTATO CROP: ESTIMATED ACREAGE, PRODUCTION, AND VALUE, 1904 TO 1908, AND IN 1909 BY STATES AND TERRITORIES.[a]

[From reports of the Department of Agriculture.]

| State or Territory. | Acreage. | Yield per acre. | Production. | Price per bushel, Dec. 1. | Total farm value, Dec. 1. |
|---|---|---|---|---|---|
| | *Acres.* | *Bushels.* | *Bushels.* | *Cents.* | *Dollars.* |
| Alabama | 17,000 | 80.0 | 1,360,000 | 98.0 | 1,333,000 |
| Arkansas | 33,000 | 70.0 | 2,310,000 | 92.0 | 2,125,000 |
| California | 60,000 | 130.0 | 7,800,000 | 77.0 | 6,006,000 |
| Colorado | 65,000 | 160.0 | 10,400,000 | 57.0 | 5,928,000 |
| Connecticut | 36,000 | 120.0 | 4,320,000 | 83.0 | 3,586,000 |
| Delaware | 9,000 | 96.0 | 864,000 | 72.0 | 622,000 |
| Florida | 5,000 | 95.0 | 475,000 | 120.0 | 570,000 |
| Georgia | 10,000 | 81.0 | 810,000 | 100.0 | 810,000 |
| Idaho | 25,000 | 200.0 | 5,000,000 | 48.0 | 2,400,000 |
| Illinois | 164,000 | 91.0 | 14,924,000 | 61.0 | 9,104,000 |
| Indiana | 95,000 | 95.0 | 9,025,000 | 52.0 | 4,693,000 |
| Iowa | 145,000 | 89.0 | 12,905,000 | 55.0 | 7,098,000 |
| Kansas | 91,000 | 79.0 | 7,189,000 | 79.0 | 5,679,000 |
| Kentucky | 40,000 | 92.0 | 3,680,000 | 64.0 | 2,355,000 |
| Louisiana | 16,000 | 75.0 | 1,200,000 | 91.0 | 1,092,000 |
| Maine | 130,000 | 225.0 | 29,250,000 | 47.0 | 13,748,000 |
| Maryland | 35,000 | 80.0 | 2,800,000 | 66.0 | 1,848,000 |
| Massachusetts | 34,000 | 125.0 | 4,250,000 | 79.0 | 3,358,000 |
| Michigan | 348,000 | 105.0 | 36,540,000 | 35.0 | 12,789,000 |
| Minnesota | 160,000 | 115.0 | 18,400,000 | 35.0 | 6,440,000 |
| Mississippi | 9,000 | 87.0 | 783,000 | 95.0 | 744,000 |
| Missouri | 88,000 | 85.0 | 7,480,000 | 67.0 | 5,012,000 |
| Montana | 25,000 | 180.0 | 4,500,000 | 51.0 | 2,295,000 |
| Nebraska | 105,000 | 78.0 | 8,190,000 | 60.0 | 4,914,000 |
| Nevada | 3,000 | 180.0 | 540,000 | 85.0 | 459,000 |
| New Hampshire | 21,000 | 130.0 | 2,730,000 | 64.0 | 1,747,000 |
| New Jersey | 80,000 | 90.0 | 7,200,000 | 82.0 | 5,904,000 |
| New Mexico | 1,000 | 85.0 | 85,000 | 101.0 | 86,000 |
| New York | 438,000 | 120.0 | 52,560,000 | 50.0 | 26,280,000 |
| North Carolina | 25,000 | 74.0 | 1,850,000 | 81.0 | 1,498,000 |
| North Dakota | 40,000 | 110.0 | 4,400,000 | 45.0 | 1,980,000 |
| Ohio | 182,000 | 93.0 | 16,926,000 | 56.0 | 9,479,000 |
| Oklahoma | 27,000 | 70.0 | 1,890,000 | 95.0 | 1,796,000 |
| Oregon | 46,000 | 160.0 | 7,360,000 | 60.0 | 4,416,000 |
| Pennsylvania | 305,000 | 78.0 | 23,790,000 | 65.0 | 15,464,000 |
| Rhode Island | 6,000 | 125.0 | 750,000 | 80.0 | 600,000 |
| South Carolina | 9,000 | 85.0 | 765,000 | 115.0 | 880,000 |
| South Dakota | 50,000 | 80.0 | 4,000,000 | 63.0 | 2,520,000 |
| Tennessee | 30,000 | 75.0 | 2,250,000 | 71.0 | 1,598,000 |
| Texas | 60,000 | 50.0 | 3,000,000 | 106.0 | 3,180,000 |
| Utah | 15,000 | 180.0 | 2,700,000 | 43.0 | 1,161,000 |
| Vermont | 30,000 | 155.0 | 4,650,000 | 44.0 | 2,046,000 |
| Virginia | 60,000 | 92.0 | 5,520,000 | 70.0 | 3,864,000 |
| Washington | 41,000 | 170.0 | 6,970,000 | 47.0 | 3,276,000 |
| West Virginia | 39,000 | 98.0 | 3,822,000 | 68.0 | 2,599,000 |
| Wisconsin | 262,000 | 102.0 | 26,724,000 | 38.0 | 10,155,000 |
| Wyoming | 10,000 | 160.0 | 1,600,000 | 63.0 | 1,008,000 |
| Total, 1909 | 3,525,000 | 106.8 | 376,537,000 | 54.9 | 206,545,000 |
| 1904 | 3,015,675 | 110.4 | 332,830,300 | 45.3 | 150,673,392 |
| 1905 | 2,996,757 | 87.0 | 260,741,294 | 61.7 | 160,821,080 |
| 1906 | 3,013,150 | 102.2 | 308,088,382 | 51.1 | 157,547,392 |
| 1907 | 3,124,000 | 95.4 | 297,942,000 | 61.7 | 183,880,000 |
| 1908 | 3,257,000 | 85.7 | 278,985,000 | 70.6 | 197,089,000 |

[a] Does not include sweet potatoes.

**No. 73.—SUGAR BEETS GROWN IN 1899: ACREAGE, PRODUCT SOLD, AND RECEIPTS FROM SALES, AS REPORTED BY FARMERS, BY STATES AND TERRITORIES.**

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| State or Territory. | Area. | Short tons sold. | Received from sales. | State or Territory. | Area. | Short tons sold. | Received from sales. |
|---|---|---|---|---|---|---|---|
| | *Acres.* | | *Dollars.* | | *Acres.* | | *Dollars.* |
| California | 41,242 | 356,535 | 1,550,346 | New York | 2,053 | 16,003 | 75,487 |
| Colorado | 1,094 | 6,656 | 26,711 | Oregon | 2,510 | 14,462 | 63,322 |
| Illinois | 1,370 | 9,109 | 36,223 | Texas | 135 | 523 | 2,451 |
| Michigan | 49,247 | 215,373 | 877,481 | Utah | 7,546 | 85,914 | 365,163 |
| Minnesota | 2,114 | 15,959 | 59,826 | Washington | 1,863 | 6,149 | 26,176 |
| Nebraska | 8,662 | 62,470 | 222,258 | Wisconsin | 34 | 233 | 937 |
| Nevada | 2 | 2 | 10 | Total | 110,170 | 793,353 | 3,323,240 |
| New Mexico | 1,298 | 3,965 | 16,849 | | | | |

**No. 74.—FLAXSEED CROP, 1909: ESTIMATED ACREAGE, PRODUCTION, AND VALUE, BY STATES AND TERRITORIES.**

[From reports of the Department of Agriculture.]

| State. | Area. | Yield per acre. | Production. | Price per bushel Dec. 1. | Farm value Dec. 1. |
|---|---|---|---|---|---|
| | *Acres.* | *Bush.* | *Bushels.* | *Cents.* | *Dollars.* |
| Iowa | 30,000 | 9.8 | 294,000 | 130.0 | 382,000 |
| Kansas | 55,000 | 7.0 | 385,000 | 110.0 | 424,000 |
| Minnesota | 450,000 | 10.0 | 4,500,000 | 150.0 | 6,750,000 |
| Missouri | 25,000 | 8.1 | 202,000 | 115.0 | 232,000 |
| Montana | 10,000 | 12.0 | 120,000 | 160.0 | 192,000 |
| Nebraska | 16,000 | 8.5 | 136,000 | 122.0 | 166,000 |
| North Dakota | 1,530,000 | 9.3 | 14,229,000 | 157.0 | 22,340,000 |
| Oklahoma | 6,000 | 10.0 | 60,000 | 120.0 | 72,000 |
| South Dakota | 600,000 | 9.4 | 5,640,000 | 151.0 | 8,516,000 |
| Wisconsin | 20,000 | 14.5 | 290,000 | 135.0 | 392,000 |
| Total, 1909 | 2,742,000 | 9.4 | 25,856,000 | 152.6 | 39,466,000 |
| 1905 | 2,535,000 | 11.2 | 28,478,000 | 84.4 | 24,049,000 |
| 1906 | 2,506,000 | 10.2 | 25,576,000 | 101.3 | 25,899,000 |
| 1907 | 2,864,000 | 9.0 | 25,851,000 | 95.6 | 24,713,000 |
| 1908 | 2,697,000 | 9.6 | 25,805,000 | 118.4 | 30,577,000 |

## No. 75.—WOOL PRODUCTION, CALENDAR YEAR 1909: BY STATES AND TERRITORIES.

[From the Bulletin of National Association of Wool Manufacturers.]

| State or Territory. | Quality. | Sheep of shearing age, Apr. 1, 1908. | Sheep of shearing age, Apr. 1, 1909. | Average weight of fleece, 1909. | Per cent of shrinkage, 1909. | Wool, washed and unwashed, 1909. | Wool, scoured, 1909. | Average value per scoured pound, Oct. 1—[a] | | Total value, Oct. 1, 1909.[a] |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 1908. | 1909. | |
| | | | | *Pounds.* | | *Pounds.* | *Pounds.* | *Cents.* | *Cents.* | *Dollars.* |
| Alabama | Medium | 175,000 | 170,000 | 3.25 | 40.0 | 552,500 | 331,500 | 40.0 | 56.0 | 185,640 |
| Arizona | Fine, fine medium, and medium | 800,000 | 825,000 | 6.3 | 65.0 | 5,197,500 | 1,819,125 | 47.0 | 67.0 | 1,218,815 |
| Arkansas | Medium | 225,000 | 220,000 | 4.25 | 41.0 | 935,000 | 551,650 | 38.0 | 55.0 | 303,408 |
| California | 33 per cent fall, 67 per cent spring | 1,900,000 | 1,900,000 | 7.0 | 66.0 | 13,300,000 | 4,522,000 | 41.0 | 64.0 | 2,894,080 |
| Colorado | Fine, fine medium, and medium | 1,500,000 | 1,450,000 | 6.8 | 65.0 | 9,860,000 | 3,451,000 | 42.0 | 68.0 | 2,346,680 |
| Connecticut | Medium | 35,000 | 33,000 | 5.0 | 42.0 | 190,000 | 110,200 | 44.0 | 56.0 | 61,712 |
| Delaware | do | 7,000 | 6,900 | 5.75 | 45.0 | 39,675 | 21,821 | 45.0 | 55.0 | 12,002 |
| Florida | do | 100,000 | 110,000 | 3.25 | 40.0 | 357,500 | 214,500 | 40.0 | 56.0 | 120,120 |
| Georgia | do | 225,000 | 225,000 | 3.25 | 40.0 | 731,250 | 438,750 | 40.0 | 57.0 | 250,088 |
| Idaho | Fine, fine medium, and medium | 2,500,000 | 2,800,000 | 7.5 | 66.0 | 21,000,000 | 7,140,000 | 51.0 | 67.0 | 4,783,800 |
| Illinois | 25 per cent fine, 75 per cent medium | 650,000 | 700,000 | 6.75 | 51.0 | 4,725,000 | 2,315,250 | 42.0 | 56.0 | 1,296,540 |
| Indiana | 15 per cent fine, 85 per cent medium | 800,000 | 850,000 | 6.5 | 45.0 | 5,525,000 | 3,038,750 | 44.0 | 57.0 | 1,732,088 |
| Iowa | 30 per cent fine, 70 per cent medium | 800,000 | 700,000 | 6.75 | 49.0 | 4,725,000 | 2,409,750 | 44.0 | 58.0 | 1,397,655 |
| Kansas | Fine, fine medium, and medium | 160,000 | 170,000 | 7.0 | 64.0 | 1,190,000 | 421,400 | 50.0 | 66.0 | 278,124 |
| Kentucky | Medium | 600,000 | 750,000 | 5.0 | 39.0 | 3,750,000 | 2,287,500 | 45.0 | 58.0 | 1,326,750 |
| Louisiana | do | 155,000 | 155,000 | 3.7 | 42.0 | 573,500 | 332,630 | 40.0 | 57.0 | 189,599 |
| Maine | do | 215,000 | 210,000 | 6.0 | 40.0 | 1,260,000 | 756,000 | 43.0 | 55.0 | 415,800 |
| Maryland | do | 125,000 | 125,000 | 5.0 | 45.0 | 625,000 | 343,750 | 44.0 | 55.0 | 189,063 |
| Massachusetts | do | 35,000 | 35,000 | 6.0 | 42.0 | 210,000 | 121,800 | 44.0 | 56.0 | 68,208 |
| Michigan | 25 per cent fine, 75 per cent medium | 1,500,000 | 1,500,000 | 6.75 | 51.0 | 10,125,000 | 4,961,250 | 46.0 | 58.0 | 2,877,525 |
| Minnesota | 20 per cent fine, 80 per cent medium | 375,000 | 375,000 | 6.75 | 49.0 | 2,531,250 | 1,290,938 | 42.0 | 55.0 | 710,016 |
| Mississippi | Medium | 150,000 | 150,000 | 4.0 | 42.0 | 600,000 | 348,000 | 40.0 | 56.0 | 194,880 |
| Missouri | 15 per cent fine, 85 per cent medium | 852,548 | 873,860 | 6.5 | 48.0 | 5,680,990 | 2,953,647 | 44.0 | 56.0 | 1,654,042 |
| Montana | Fine, fine medium, and medium | 4,600,000 | 5,000,000 | 7.0 | 63.0 | 35,000,000 | 13,300,000 | 51.0 | 68.0 | 9,044,000 |
| Nebraska | do | 275,000 | 275,000 | 6.5 | 62.0 | 1,787,500 | 677,250 | 50.0 | 66.0 | 446,985 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Nevada | Fine, fine medium, and medium | 750,000 | 875,000 | 7.5 | 69.0 | 6,562,500 | 2,034,375 | 51.0 | 70.0 | 1,424,063 |
| New Hampshire | 25 per cent fine, 75 per cent medium | 70,000 | 70,000 | 6.2 | 50.0 | 434,000 | 217,000 | 44.0 | 57.0 | 123,690 |
| New Jersey | Medium | 45,000 | 44,000 | 5.5 | 47.0 | 242,000 | 128,260 | 45.0 | 55.0 | 70,543 |
| New Mexico | Fine, fine medium, and medium | 3,000,000 | 3,200,000 | 6.0 | 65.0 | 19,200,000 | 6,720,000 | 45.0 | 65.0 | 4,368,000 |
| New York | 33 per cent fine, 67 per cent medium | 850,000 | 825,000 | 6.0 | 49.0 | 4,950,000 | 2,542,500 | 47.0 | 58.0 | 1,474,650 |
| North Carolina | Medium | 205,000 | 204,000 | 4.0 | 42.0 | 816,000 | 473,280 | 40.0 | 56.0 | 265,037 |
| North Dakota | Fine, fine medium, and medium | 300,000 | 275,000 | 6.5 | 60.0 | 1,787,500 | 715,000 | 50.0 | 65.0 | 464,750 |
| *Ohio* | 60 per cent fine, 40 per cent medium | 2,000,000 | 2,500,000 | 6.6 | 52.0 | 16,500,000 | 7,920,000 | 48.0 | 64.0 | 5,068,800 |
| Oklahoma | Fine, fine medium, and medium | 80,000 | 80,000 | 6.5 | 68.0 | 520,000 | 166,400 | 44.0 | 67.0 | 111,488 |
| Oregon | do | 2,000,000 | 1,850,000 | 8.5 | 68.0 | 15,725,000 | 4,874,750 | 52.0 | 70.0 | 3,412,325 |
| Pennsylvania | 30 per cent fine, 70 per cent medium | 950,000 | 1,000,000 | 6.0 | 48.0 | 6,000,000 | 3,120,000 | 48.0 | 59.0 | 1,840,800 |
| Rhode Island | Medium | 7,000 | 7,500 | 5.3 | 42.0 | 39,750 | 23,055 | 44.0 | 56.0 | 12,911 |
| South Carolina | do | 50,000 | 50,000 | 4.0 | 42.0 | 200,000 | 116,000 | 39.0 | 56.0 | 64,960 |
| South Dakota | Fine, fine medium, and medium | 650,000 | 650,000 | 6.5 | 60.0 | 4,225,000 | 1,690,000 | 50.0 | 65.0 | 1,098,500 |
| Tennessee | Medium | 290,000 | 291,000 | 4.3 | 40.0 | 1,251,300 | 750,780 | 45.0 | 57.0 | 427,945 |
| Texas | 25 per cent fall, 75 per cent spring | 1,300,000 | 1,325,000 | 6.75 | 67.0 | 8,943,750 | 3,040,875 | 53.0 | 64.0 | 1,946,160 |
| Utah | Fine, fine medium, and medium | 2,100,000 | 2,200,000 | 6.75 | 66.0 | 14,850,000 | 5,049,000 | 46.0 | 65.0 | 3,281,850 |
| Vermont | 20 per cent fine, 80 per cent medium | 175,000 | 180,000 | 6.5 | 51.0 | 1,170,000 | 573,300 | 45.0 | 57.0 | 326,781 |
| Virginia | Medium | 375,000 | 365,000 | 4.5 | 38.0 | 1,642,500 | 1,018,350 | 45.0 | 57.0 | 580,460 |
| Washington | Fine, fine medium, and medium | 480,000 | 450,000 | 9.5 | 69.0 | 4,275,000 | 1,325,250 | 50.0 | 67.0 | 887,918 |
| West Virginia | 75 per cent fine, 25 per cent medium | 525,000 | 587,945 | 5.75 | 49.0 | 3,380,684 | 1,724,149 | 49.0 | 64.0 | 1,103,455 |
| Wisconsin | 20 per cent fine, 80 per cent medium | 850,000 | 850,000 | 6.5 | 48.0 | 5,525,000 | 2,873,000 | 40.0 | 56.0 | 1,608,880 |
| Wyoming | Fine, fine medium, and medium | 4,500,000 | 4,800,000 | 8.0 | 67.0 | 38,400,000 | 12,288,000 | 49.0 | 67.0 | 8,232,960 |
| Grand total | | 40,311,548 | 42,293,205 | 6.8 | 60.9 | 287,110,749 | 113,523,785 | | | 72,194,746 |
| Pulled wool | | | | | | 41,000,000 | 28,700,000 | | | 16,635,000 |
| Total product, 1909 | | | | | | 328,110,749 | 142,223,785 | | | 88,829,746 |

[a] Market value in Boston.

## No. 76.—NUMBER AND VALUE[a] OF SPECIFIED FARM ANIMALS: 1886 TO 1910.

[From annual reports of the Department of Agriculture.]

| January 1— | Horses. | | Mules. | | Milch cows. | |
|---|---|---|---|---|---|---|
| | Number. | Value. | Number. | Value. | Number. | Value. |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| 1886 | 12,077,657 | 860,823,208 | 2,052,593 | 163,381,096 | 14,235,388 | 389,985,523 |
| 1887 | 12,496,744 | 901,685,755 | 2,117,141 | 167,057,538 | 14,522,083 | 378,789,589 |
| 1888 | 13,172,936 | 946,096,154 | 2,191,727 | 174,853,563 | 14,856,414 | 366,252,173 |
| 1889 | 13,663,294 | 982,194,827 | 2,257,574 | 179,444,481 | 15,298,625 | 366,226,376 |
| 1890 | 14,213,837 | 978,516,562 | 2,331,027 | 182,394,099 | 15,952,888 | 353,152,133 |
| 1891 | 14,056,750 | 941,823,222 | 2,296,532 | 178,847,370 | 16,019,591 | 346,397,900 |
| 1892 | 15,498,140 | 1,007,593,636 | 2,314,699 | 174,882,070 | 16,416,351 | 351,378,132 |
| 1893 | 16,206,802 | 992,225,185 | 2,331,128 | 164,763,751 | 16,424,087 | 357,299,785 |
| 1894 | 16,081,139 | 769,224,799 | 2,352,231 | 146,232,811 | 16,487,400 | 358,998,601 |
| 1895 | 15,893,318 | 576,730,580 | 2,333,108 | 110,927,834 | 16,504,629 | 362,601,729 |
| 1896 | 15,124,057 | 500,140,186 | 2,278,946 | 103,204,457 | 16,137,586 | 363,955,545 |
| 1897 | 14,364,667 | 452,649,396 | 2,215,654 | 92,302,090 | 15,941,727 | 369,239,993 |
| 1898 | 13,960,911 | 478,362,407 | 2,190,282 | 96,109,516 | 15,840,886 | 434,813,826 |
| 1899 | 13,665,307 | 511,074,813 | 2,134,213 | 95,963,261 | 15,990,115 | 474,233,925 |
| 1900 | 13,537,524 | 603,969,442 | 2,086,027 | 111,717,092 | 16,292,360 | 514,812,106 |
| 1901 | 16,744,723 | 885,200,168 | 2,864,458 | 183,232,209 | 16,833,657 | 505,093,077 |
| 1902 | 16,531,224 | 968,925,178 | 2,757,017 | 186,411,704 | 16,696,802 | 488,130,324 |
| 1903 | 16,557,373 | 1,030,705,959 | 2,728,088 | 197,753,327 | 17,105,227 | 516,711,914 |
| 1904 | 16,786,059 | 1,136,940,298 | 2,757,916 | 217,532,832 | 17,419,817 | 508,841,489 |
| 1905 | 17,057,702 | 1,200,310,020 | 2,888,710 | 251,840,376 | 17,572,464 | 482,272,203 |
| 1906 | 18,718,578 | 1,510,889,906 | 3,404,061 | 334,680,520 | 19,793,866 | 582,788,592 |
| 1907 | 19,746,583 | 1,846,578,412 | 3,816,692 | 428,063,613 | 20,968,265 | 645,496,930 |
| 1908 | 19,992,000 | 1,867,530,000 | 3,869,000 | 416,939,000 | 21,194,000 | 650,057,000 |
| 1909 | 20,640,000 | 1,974,052,000 | 4,053,000 | 437,082,000 | 21,720,000 | 702,945,000 |
| 1910 | 21,040,000 | 2,276,363,000 | 4,123,000 | 494,095,000 | 21,801,000 | 780,308,000 |

| January 1— | Oxen and other cattle. | | Sheep. | | Swine. | | Total value farm animals. |
|---|---|---|---|---|---|---|---|
| | Number. | Value. | Number. | Value. | Number. | Value. | |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | *Dollars.* |
| 1886 | 31,275,242 | 661,956,274 | 48,322,331 | 92,443,867 | 46,092,043 | 196,569,894 | 2,365,159,862 |
| 1887 | 33,511,750 | 663,137,926 | 44,759,314 | 89,872,839 | 44,612,836 | 200,043,291 | 2,400,586,938 |
| 1888 | 34,378,363 | 611,750,520 | 44,544,755 | 89,279,926 | 44,346,525 | 220,811,082 | 2,409,043,418 |
| 1889 | 35,032,417 | 597,236,812 | 42,599,079 | 90,640,369 | 50,301,592 | 291,807,193 | 2,507,050,053 |
| 1890 | 36,849,024 | 560,625,137 | 44,336,072 | 100,659,761 | 51,602,780 | 243,418,386 | 2,418,766,028 |
| 1891 | 36,875,648 | 544,127,908 | 43,421,136 | 108,397,447 | 50,625,106 | 210,193,923 | 2,329,787,770 |
| 1892 | 37,651,239 | 570,749,155 | 44,938,365 | 116,121,290 | 52,398,019 | 241,031,415 | 2,461,755,698 |
| 1893 | 35,954,196 | 547,882,204 | 47,273,553 | 125,909,264 | 46,094,807 | 295,426,492 | 2,483,506,681 |
| 1894 | 36,608,168 | 536,789,747 | 45,048,017 | 89,186,110 | 45,206,498 | 270,384,626 | 2,170,816,754 |
| 1895 | 34,364,216 | 482,999,129 | 42,294,064 | 66,685,767 | 44,165,716 | 219,501,267 | 1,819,446,306 |
| 1896 | 32,085,409 | 508,928,416 | 38,298,788 | 65,167,735 | 42,842,759 | 186,529,745 | 1,727,926,084 |
| 1897 | 30,508,408 | 507,929,421 | 36,818,643 | 67,020,942 | 40,600,276 | 166,272,770 | 1,655,414,612 |
| 1898 | 29,264,197 | 612,296,634 | 37,656,960 | 92,721,133 | 39,759,993 | 174,351,409 | 1,888,654,925 |
| 1899 | 27,994,225 | 637,931,135 | 39,114,453 | 107,697,530 | 38,651,631 | 170,109,743 | 1,997,010,407 |
| 1900 | 27,610,054 | 689,486,260 | 41,883,065 | 122,665,913 | 37,079,356 | 185,472,321 | 2,228,123,134 |
| 1901 | 45,500,213 | 906,644,003 | 59,756,718 | 178,072,476 | 56,982,142 | 353,012,143 | 3,011,254,076 |
| 1902 | 44,727,797 | 839,126,073 | 62,039,091 | 164,446,091 | 48,698,890 | 342,120,780 | 2,989,170,150 |
| 1903 | 44,659,296 | 824,054,902 | 63,964,876 | 168,315,759 | 46,922,624 | 364,973,688 | 3,102,515,540 |
| 1904 | 43,629,498 | 712,178,134 | 51,630,144 | 133,530,099 | 47,009,367 | 289,224,627 | 2,998,247,479 |
| 1905 | 43,669,443 | 661,571,308 | 45,170,423 | 127,331,850 | 47,320,511 | 283,254,978 | 3,006,580,787 |
| 1906 | 47,067,656 | 746,171,709 | 50,631,619 | 179,056,144 | 52,102,847 | 321,802,571 | 3,675,389,442 |
| 1907 | 51,565,731 | 881,557,398 | 53,240,282 | 204,210,129 | 54,794,439 | 417,791,321 | 4,423,697,853 |
| 1908 | 50,073,000 | 845,938,000 | 54,631,000 | 211,736,000 | 56,084,000 | 339,080,000 | 4,331,230,000 |
| 1909 | 49,379,000 | 863,754,000 | 56,084,000 | 192,632,000 | 54,147,000 | 354,794,000 | 4,525,259,000 |
| 1910 | 47,279,000 | 917,453,000 | 57,216,000 | 233,664,000 | 47,782,000 | 436,603,000 | 5,138,486,000 |

[a] The value given is for January 1.

NOTE.—In estimates for 1901 and subsequent years all due weight has been given to figures of Census.

## No. 77.—BUTTER AND CHEESE MADE: CENSUS YEARS 1850 TO 1900, AND MILK PRODUCED, CENSUS YEARS 1890 AND 1900, ON FARMS AND RANGES, BY STATES AND TERRITORIES AND BY GEOGRAPHICAL DIVISIONS.

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

BUTTER.

| State or Territory. | 1850 | 1860 | 1870 | 1880 | 1890 | 1900 |
|---|---|---|---|---|---|---|
| | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* |
| Alabama | 4,008,811 | 6,028,478 | 3,213,753 | 7,997,719 | 14,548,435 | 19,121,964 |
| Alaska [a] | | | | | | 200 |
| Arizona | | | 800 | 61,817 | 115,203 | 379,311 |
| Arkansas | 1,854,239 | 4,067,556 | 2,753,931 | 7,790,013 | 15,724,144 | 21,585,258 |
| California | 705 | 3,095,035 | 7,969,744 | 14,084,405 | 26,776,704 | 20,853,360 |
| Colorado | | | 392,920 | 860,379 | 3,282,086 | 4,932,482 |
| Connecticut | 6,498,119 | 7,620,912 | 6,716,007 | 8,198,995 | 7,196,095 | 4,591,789 |
| Delaware | 1,055,308 | 1,430,502 | 1,171,963 | 1,876,275 | 2,026,498 | 1,629,949 |
| District of Columbia | 14,872 | 18,835 | 4,495 | 20,920 | 13,769 | 3,478 |
| Florida | 371,498 | 408,855 | 100,989 | 353,156 | 867,195 | 1,386,445 |
| Georgia | 4,640,559 | 5,439,765 | 4,499,572 | 7,424,485 | 14,483,323 | 15,111,494 |
| Hawaii [b] | | | | | | 118,871 |
| Idaho | | | 111,480 | 310,644 | 1,078,103 | 2,520,316 |
| Illinois | 12,526,543 | 28,052,551 | 36,083,405 | 53,657,943 | 57,121,486 | 52,493,450 |
| Indiana | 12,881,535 | 18,306,651 | 22,915,385 | 37,377,797 | 48,477,766 | 51,042,396 |
| Indian Territory [a] | | | | | | 5,105,715 |
| Iowa | 2,171,188 | 11,953,666 | 27,512,179 | 55,481,958 | 72,893,079 | 61,789,288 |
| Kansas | | 1,093,497 | 5,022,758 | 21,671,762 | 46,117,076 | 41,640,772 |
| Kentucky | 9,947,523 | 11,716,609 | 11,874,978 | 18,211,904 | 29,038,406 | 30,446,381 |
| Louisiana | 683,069 | 1,444,742 | 322,405 | 916,089 | 2,089,774 | 4,918,229 |
| Maine | 9,243,811 | 11,687,781 | 11,636,482 | 14,103,966 | 15,593,315 | 16,174,173 |
| Maryland | 3,806,160 | 5,265,295 | 5,014,729 | 7,485,871 | 9,999,602 | 9,096,662 |
| Massachusetts | 8,071,370 | 8,297,936 | 6,559,161 | 9,655,587 | 8,358,703 | 4,980,262 |
| Michigan | 7,065,878 | 15,503,482 | 24,400,185 | 38,821,890 | 50,197,481 | 60,051,998 |
| Minnesota | 1,100 | 2,957,073 | 9,522,010 | 19,161,385 | 34,766,409 | 41,188,846 |
| Mississippi | 4,346,234 | 5,006,610 | 2,613,521 | 7,454,657 | 12,988,637 | 18,881,236 |
| Missouri | 7,834,359 | 12,704,837 | 14,455,825 | 28,572,124 | 43,108,521 | 45,509,110 |
| Montana | | | 408,080 | 403,738 | 1,062,185 | 2,454,072 |
| Nebraska | | 342,541 | 1,539,535 | 9,725,198 | 27,818,078 | 34,518,659 |
| Nevada | | 7,700 | 110,880 | 335,188 | 489,057 | 569,523 |
| New Hampshire | 6,977,056 | 6,956,764 | 5,965,080 | 7,247,272 | 7,942,840 | 6,385,611 |
| New Jersey | 9,487,210 | 10,714,447 | 8,266,023 | 9,513,835 | 8,367,218 | 5,894,363 |
| New Mexico | 111 | 13,259 | 12,912 | 44,827 | 86,042 | 313,003 |
| New York | 79,766,094 | 103,097,280 | 107,147,526 | 111,922,423 | 98,241,813 | 74,714,376 |
| North Carolina | 4,146,290 | 4,735,495 | 4,297,834 | 7,212,507 | 13,129,374 | 16,913,802 |
| North Dakota [c] | | 2,170 | 209,735 | 2,000,955 | 5,712,566 | 9,178,815 |
| Ohio | 34,449,379 | 48,543,102 | 50,266,372 | 67,634,263 | 74,990,307 | 79,551,299 |
| Oklahoma | | | | | 387,929 | 8,781,359 |
| Oregon | 211,464 | 1,000,157 | 1,418,373 | 2,443,725 | 4,786,277 | 8,107,450 |
| Pennsylvania | 39,878,418 | 58,053,511 | 60,834,644 | 79,336,012 | 76,809,041 | 74,221,085 |
| Rhode Island | 995,670 | 1,021,767 | 941,199 | 1,007,103 | 965,456 | 488,086 |
| South Carolina | 2,981,850 | 3,177,934 | 1,461,980 | 3,196,851 | 5,737,557 | 8,150,437 |
| South Dakota [d] | | | | | 13,127,244 | 17,400,970 |
| Tennessee | 8,139,585 | 10,017,787 | 9,571,069 | 17,886,369 | 28,314,387 | 29,091,696 |
| Texas | 2,344,900 | 5,850,583 | 3,712,747 | 13,899,320 | 32,100,560 | 47,991,492 |
| Utah | 83,309 | 310,046 | 310,335 | 1,052,903 | 1,759,354 | 2,812,122 |
| Vermont | 12,137,980 | 15,900,359 | 17,844,396 | 25,240,826 | 23,314,063 | 18,834,706 |
| Virginia | 11,089,359 | 13,464,722 | 6,979,209 | 11,470,923 | 17,949,966 | 19,905,830 |
| Washington | | 153,092 | 407,306 | 1,356,103 | 3,482,225 | 7,372,106 |
| West Virginia | | | 5,044,475 | 9,309,517 | 14,063,627 | 16,913,129 |
| Wisconsin | 3,633,750 | 13,611,328 | 22,473,036 | 33,353,045 | 46,295,623 | 44,739,147 |
| Wyoming | | | 1,200 | 105,643 | 428,269 | 888,554 |
| Total [e] | 313,345,306 | 459,681,372 | 514,092,683 | 777,250,287 | 1,024,223,468 | 1,071,745,127 |
| *Geographical divisions.* [f] | | | | | | |
| North Atlantic | 173,055,728 | 223,950,757 | 225,910,518 | 266,226,019 | 246,788,544 | 206,284,451 |
| South Atlantic | 28,105,896 | 33,941,403 | 28,575,306 | 48,350,505 | 78,270,911 | 89,111,226 |
| North Central | 80,563,732 | 153,071,558 | 214,400,425 | 367,458,320 | 520,625,036 | 539,104,750 |
| South Central | 31,324,361 | 44,132,365 | 34,062,404 | 74,156,071 | 135,192,272 | 185,923,330 |
| Western | 295,589 | 4,585,289 | 11,144,030 | 21,059,372 | 43,346,105 | 51,202,299 |

[a] Not reported prior to 1900.
[b] Acquired in 1898.
[c] Dakota Territory prior to 1890.
[d] Included in Dakota Territory prior to 1890.
[e] Data for Alaska and Hawaii included in total, but not under the five geographical divisions
[f] For States and Territories included in each division, see note *f*, page 53.

**No. 77.—Butter and Cheese Made: Census Years 1850 to 1900, and Milk Produced, 1890 and 1900, etc.—Continued.**

CHEESE.

| State or Territory. | 1850 | 1860 | 1870 | 1880 | 1890 | 1900 |
|---|---|---|---|---|---|---|
| | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* |
| Alabama | 31,412 | 15,923 | 2,732 | 14,091 | 6,131 | 36,374 |
| Alaska [a] | | | | | | |
| Arizona | | | 14,500 | 18,300 | 10,355 | 33,305 |
| Arkansas | 30,088 | 16,810 | 2,119 | 26,301 | 21,328 | 18,365 |
| California | 150 | 1,343,689 | 3,395,074 | 2,566,618 | 3,871,575 | 4,249,588 |
| Colorado | | | 33,626 | 10,807 | 87,183 | 103,184 |
| Connecticut | 5,363,277 | 3,898,411 | 2,031,194 | 826,195 | 112,566 | 40,623 |
| Delaware | 3,187 | 6,579 | 315 | 1,712 | 359 | 104 |
| District of Columbia | 1,500 | | | | | |
| Florida | 18,015 | 5,280 | 25 | 2,406 | 1,731 | 3,751 |
| Georgia | 46,976 | 15,587 | 4,292 | 19,151 | 12,833 | 2,236 |
| Hawaii [b] | | | | | | 12 |
| Idaho | | | 4,464 | 20,295 | 207,213 | 196,952 |
| Illinois | 1,278,225 | 1,848,557 | 1,661,703 | 1,035,069 | 343,456 | 323,485 |
| Indiana | 624,564 | 605,795 | 283,807 | 367,561 | 360,948 | 178,733 |
| Indian Territory [a] | | | | | | 1,227 |
| Iowa | 209,840 | 918,635 | 1,087,741 | 1,075,988 | 1,038,358 | 306,428 |
| Kansas | | 29,045 | 226,607 | 483,987 | 759,210 | 291,445 |
| Kentucky | 213,954 | 190,400 | 115,219 | 58,468 | 64,822 | 45,759 |
| Louisiana | 1,957 | 6,153 | 11,747 | 7,618 | 3,939 | 135,104 |
| Maine | 2,434,454 | 1,799,862 | 1,152,590 | 1,167,730 | 696,052 | 425,102 |
| Maryland | 3,975 | 8,342 | 6,732 | 17,416 | 9,573 | 338,453 |
| Massachusetts | 7,088,142 | 5,294,090 | 2,245,873 | 829,528 | 122,900 | 19,629 |
| Michigan | 1,011,492 | 1,641,897 | 670,804 | 440,540 | 328,682 | 331,176 |
| Minnesota | | 199,314 | 233,977 | 523,138 | 676,642 | 290,623 |
| Mississippi | 21,191 | 4,427 | 3,099 | 4,239 | 4,898 | 28,572 |
| Missouri | 203,572 | 259,633 | 204,090 | 283,484 | 288,620 | 323,439 |
| Montana | | | 25,603 | 55,570 | 11,512 | 30,924 |
| Nebraska | | 12,342 | 46,142 | 230,819 | 463,831 | 264,430 |
| Nevada | | | | 17,420 | 51,207 | 94,082 |
| New Hampshire | 3,196,563 | 2,232,092 | 849,118 | 807,076 | 341,235 | 104,339 |
| New Jersey | 365,756 | 182,172 | 38,229 | 66,518 | 23,613 | 24,377 |
| New Mexico | 5,848 | 37,240 | 27,239 | 10,501 | 18,931 | 68,571 |
| New York | 49,741,413 | 48,548,289 | 22,769,964 | 8,362,590 | 4,324,028 | 2,624,552 |
| North Carolina | 95,921 | 51,119 | 75,185 | 57,380 | 60,760 | 28,883 |
| North Dakota [c] | | | 1,850 | 39,437 | 131,374 | 70,881 |
| Ohio | 20,819,542 | 21,618,893 | 8,169,486 | 2,170,245 | 1,068,083 | 1,167,091 |
| Oklahoma | | | | | 1,000 | 45,264 |
| Oregon | 36,980 | 105,379 | 79,333 | 153,198 | 265,576 | 467,256 |
| Pennsylvania | 2,505,034 | 2,508,556 | 1,145,209 | 1,008,686 | 439,060 | 857,167 |
| Rhode Island | 316,508 | 181,511 | 81,976 | 67,171 | 24,631 | 6,751 |
| South Carolina | 4,970 | 1,543 | 169 | 16,018 | 2,476 | 1,081 |
| South Dakota [d] | | | | | 303,951 | 136,863 |
| Tennessee | 177,681 | 135,575 | 142,240 | 98,740 | 69,919 | 26,622 |
| Texas | 95,299 | 275,128 | 34,342 | 58,466 | 145,730 | 136,133 |
| Utah | 30,908 | 53,331 | 69,603 | 126,727 | 163,539 | 169,251 |
| Vermont | 8,720,834 | 8,215,030 | 4,830,700 | 1,545,789 | 609,586 | 406,659 |
| Virginia | 436,292 | 280,852 | 71,743 | 85,535 | 109,187 | 31,697 |
| Washington | | 12,146 | 17,405 | 109,200 | 71,281 | 151,669 |
| West Virginia | | | 32,429 | 100,300 | 74,372 | 74,243 |
| Wisconsin | 400,283 | 1,104,300 | 1,591,798 | 2,281,411 | 906,266 | 1,635,618 |
| Wyoming | | | | 2,930 | 15,196 | 24,327 |
| Total [e] | 105,535,893 | 103,663,927 | 53,492,153 | 27,272,489 | 18,726,818 | 16,372,330 |
| *Geographical divisions.* [f] | | | | | | |
| North Atlantic | 79,731,981 | 72,860,013 | 35,144,853 | 14,681,283 | 6,693,671 | 4,509,199 |
| South Atlantic | 610,836 | 369,302 | 190,890 | 299,918 | 271,291 | 480,448 |
| North Central | 24,547,518 | 28,238,411 | 14,178,005 | 8,931,679 | 6,669,421 | 5,320,122 |
| South Central | 571,882 | 644,416 | 311,498 | 297,923 | 318,367 | 473,440 |
| Western | 73,976 | 1,551,785 | 3,666,907 | 3,091,686 | 4,774,068 | 5,589,109 |

[a] Not reported prior to 1900.
[b] Acquired in 1898.
[c] Dakota Territory prior to 1890.
[d] Included in Dakota Territory prior to 1890.
[e] Data for Alaska and Hawaii included in total, but not under the five geographical divisions.
[f] For States and Territories included in each division, see note *f*, page 53.

No. 77.—Butter and Cheese Made: Census Years 1850 to 1900, and Milk Produced, 1890 and 1900, etc.—Continued.

MILK PRODUCED.

| State or Territory. | 1890 | 1900 |
|---|---|---|
| | *Gallons.* | *Gallons.* |
| Alabama | 55,508,687 | 95,882,103 |
| Alaska[b] | ..... | 4,250 |
| Arizona | 709,225 | 3,056,109 |
| Arkansas | 54,325,673 | 109,861,393 |
| California | 111,191,186 | 153,684,741 |
| Colorado | 19,680,791 | 38,440,111 |
| Connecticut | 54,413,822 | 68,951,862 |
| Delaware | 10,699,362 | 12,681,268 |
| District of Columbia | 459,978 | 850,349 |
| Florida | 5,056,790 | 9,640,434 |
| Georgia | 53,234,508 | 82,438,532 |
| Hawaii[c] | ..... | 584,120 |
| Idaho | 5,085,863 | 15,122,948 |
| Illinois | 367,269,464 | 457,106,995 |
| Indiana | 200,510,797 | 263,457,239 |
| Indian Territory[b] | ..... | 26,493,855 |
| Iowa | 486,961,411 | 535,872,240 |
| Kansas | 201,603,099 | 244,909,123 |
| Kentucky | 118,497,289 | 159,311,527 |
| Louisiana | 12,881,927 | 39,251,413 |
| Maine | 57,969,791 | 99,586,188 |
| Maryland | 46,601,218 | 64,040,517 |
| Massachusetts | 82,571,924 | 105,571,873 |
| Michigan | 224,537,488 | 309,617,046 |
| Minnesota | 182,963,973 | 304,017,106 |
| Mississippi | 50,803,371 | 97,030,385 |
| Missouri | 193,931,103 | 258,207,755 |
| Montana | 6,038,096 | 15,696,214 |
| Nebraska | 144,768,263 | 190,477,911 |
| Nevada | 2,532,052 | 4,446,071 |
| New Hampshire | 42,633,268 | 60,724,590 |
| New Jersey | 64,003,953 | 77,714,055 |
| New Mexico | 717,155 | 3,009,657 |
| New York | 663,917,240 | 772,799,352 |
| North Carolina | 55,250,665 | 89,525,749 |
| North Dakota | 26,566,112 | 48,845,280 |
| Ohio | 326,925,396 | 425,870,394 |
| Oklahoma | 1,544,280 | 47,439,853 |
| Oregon | 25,042,276 | 48,582,968 |
| Pennsylvania | 368,906,480 | 487,033,818 |
| Rhode Island | 10,610,547 | 12,923,512 |
| South Carolina | 23,833,631 | 44,031,528 |
| South Dakota | 59,666,525 | 99,244,975 |
| Tennessee | 107,657,116 | 147,336,961 |
| Texas | 118,475,320 | 251,342,608 |
| Utah | 8,614,694 | 25,124,642 |
| Vermont | 90,712,230 | 142,042,223 |
| Virginia | 78,143,459 | 105,068,428 |
| Washington | 19,873,281 | 50,182,415 |
| West Virginia | 59,449,066 | 83,861,660 |
| Wisconsin | 303,701,134 | 472,274,264 |
| Wyoming | 3,064,588 | 5,121,974 |
| Total[d] | 5,210,125,567 | 7,266,392,674 |
| *Geographical divisions.*[e] | | |
| North Atlantic | 1,435,739,255 | 1,827,347,473 |
| South Atlantic | 332,728,677 | 492,138,465 |
| South Central | 2,719,414,765 | 3,609,900,328 |
| North Central | 519,693,663 | 973,950,188 |
| Western | 202,549,207 | 362,467,850 |

[a] Not reported prior to 1890.
[b] Not reported prior to 1900.
[c] Acquired in 1898.
[d] Data for Alaska and Hawaii included in total but not in the five geographical divisions.
[e] For States and Territories included in each division, see note *f*, page 53.

## No. 78.—CHICKENS AND OTHER FOWLS, AND EGGS PRODUCED, ON FARMS AND RANGES, CENSUS YEARS 1880, 1890, AND 1900: BY STATES AND TERRITORIES AND BY GEOGRAPHICAL DIVISIONS.

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| State or Territory. | Chickens. | | | Other fowls.[a] | | | Eggs produced. | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1880 | 1890 | 1900 [b] | 1880 | 1890 | 1900 [b] | 1880 | 1890 | 1900 |
| | *Number.* | *Number.* | *Number.* | *Number.* | *Number.* | *Number.* | *Dozens.* | *Dozens.* | *Dozens.* |
| Alabama | 2,099,733 | 6,252,044 | 4,737,606 | 916,966 | 661,757 | 448,930 | 6,761,646 | 10,823,526 | 18,778,960 |
| Alaska [c] | | | 176 | | | | | | 1,043 |
| Arizona | 20,844 | 57,224 | 165,200 | 1,706 | 4,586 | 9,322 | 72,534 | 204,174 | 819,507 |
| Arkansas | 1,829,856 | 6,264,427 | 5,393,157 | 831,706 | 783,678 | 699,719 | 6,610,050 | 13,371,909 | 25,694,860 |
| California | 1,425,991 | 3,504,251 | 3,947,200 | 184,176 | 482,972 | 249,068 | 5,771,323 | 13,679,423 | 24,443,540 |
| Colorado | 121,327 | 710,942 | 968,761 | 22,477 | 34,073 | 48,359 | 520,820 | 2,685,169 | 5,704,290 |
| Connecticut | 736,703 | 1,075,044 | 1,073,026 | 45,934 | 66,760 | 25,347 | 5,209,061 | 5,637,590 | 7,959,430 |
| Delaware | 268,692 | 900,212 | 628,866 | 96,207 | 131,149 | 36,416 | 1,427,087 | 2,218,754 | 3,571,870 |
| District of Columbia | 6,482 | 10,543 | 8,004 | 500 | 590 | 289 | 35,836 | 48,430 | 42,580 |
| Florida | 439,220 | 919,601 | 1,107,816 | 104,860 | 81,419 | 76,404 | 1,024,106 | 2,788,991 | 4,214,186 |
| Georgia | 2,266,446 | 7,357,934 | 4,549,144 | 1,176,137 | 546,010 | 377,308 | 7,126,058 | 11,522,788 | 15,505,330 |
| Hawaii [d] | | | 31,888 | | | 26,255 | | | 155,710 |
| Idaho | 65,397 | 231,547 | 516,412 | 20,624 | 15,176 | 23,597 | 268,731 | 737,813 | 2,879,590 |
| Illinois | 9,910,806 | 21,463,525 | 16,600,728 | 1,615,165 | 2,505,511 | 1,136,534 | 35,978,297 | 60,351,065 | 86,402,670 |
| Indiana | 5,756,643 | 12,307,903 | 11,103,006 | 1,091,368 | 1,287,890 | 846,815 | 28,823,819 | 48,621,660 | 70,782,200 |
| Indian Territory | | | 1,960,505 | | | 257,794 | | | 6,949,640 |
| Iowa | 7,550,508 | 20,201,706 | 18,907,673 | 989,206 | 1,749,567 | 1,135,670 | 32,253,933 | 69,448,339 | 99,621,920 |
| Kansas | 3,651,256 | 15,843,345 | 11,966,843 | 746,226 | 1,133,410 | 589,242 | 17,432,286 | 42,584,975 | 73,190,580 |
| Kentucky | 3,577,023 | 12,740,559 | 6,849,079 | 2,399,042 | 2,009,924 | 1,006,389 | 15,812,205 | 24,691,437 | 35,337,340 |
| Louisiana | 1,113,342 | 2,246,907 | 3,890,563 | 377,565 | 291,104 | 408,916 | 3,392,246 | 5,933,700 | 12,820,290 |
| Maine | 944,993 | 1,411,185 | 1,564,853 | 53,748 | 49,476 | 20,711 | 7,059,876 | 9,384,252 | 13,304,150 |
| Maryland | 1,060,800 | 3,430,859 | 2,113,544 | 396,925 | 602,279 | 192,101 | 4,984,776 | 8,718,593 | 12,511,450 |
| Massachusetts | 914,374 | 1,623,605 | 1,625,269 | 48,594 | 84,777 | 55,424 | 6,571,553 | 8,931,398 | 12,928,630 |
| Michigan | 3,859,581 | 5,852,690 | 8,033,531 | 227,433 | 357,534 | 371,529 | 20,762,171 | 34,309,633 | 54,318,410 |
| Minnesota | 2,098,824 | 4,448,831 | 7,730,940 | 159,561 | 295,380 | 411,753 | 8,234,161 | 20,354,498 | 43,208,130 |
| Mississippi | 1,935,775 | 5,631,784 | 5,194,856 | 961,958 | 732,813 | 643,329 | 6,364,410 | 11,393,498 | 18,942,070 |
| Missouri | 6,810,068 | 22,785,848 | 14,903,601 | 2,096,085 | 2,405,940 | 1,173,112 | 28,352,032 | 53,147,418 | 85,203,290 |
| Montana | 58,244 | 233,660 | 531,774 | 2,160 | 9,992 | 24,905 | 208,794 | 834,166 | 3,002,890 |
| Nebraska | 1,648,044 | 7,395,368 | 7,417,837 | 191,048 | 563,655 | 394,402 | 7,166,090 | 23,300,684 | 41,132,140 |
| Nevada | 36,710 | 62,167 | 100,661 | 6,925 | 7,436 | 6,877 | 120,471 | 170,725 | 589,490 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| New Hampshire | 486,127 | 934,322 | 870,461 | 20,683 | 30,033 | 7,478 | 3,347,211 | 5,049,150 | 7,005,180 |
| New Jersey | 1,188,492 | 2,990,698 | 1,993,594 | 285,073 | 296,305 | 82,920 | 6,686,142 | 8,031,571 | 11,942,550 |
| New Mexico | 40,769 | 60,596 | 156,853 | 8,530 | 2,248 | 6,162 | 238,858 | 279,664 | 839,890 |
| New York | 6,448,886 | 8,421,667 | 8,964,736 | 496,406 | 784,464 | 387,676 | 31,958,739 | 45,807,106 | 62,096,690 |
| North Carolina | 2,071,616 | 7,507,593 | 3,871,858 | 897,840 | 742,820 | 508,103 | 7,455,132 | 11,755,635 | 17,704,020 |
| North Dakota[e] | 278,262 | 804,388 | 1,409,285 | 24,229 | 55,113 | 80,095 | 1,012,613 | 3,552,664 | 7,438,400 |
| Ohio | 8,780,846 | 13,659,359 | 14,269,525 | 1,159,081 | 1,208,094 | 748,827 | 43,092,291 | 70,162,240 | 91,766,630 |
| Oklahoma | ---------- | 388,427 | 2,527,353 | ---------- | 11,140 | 170,946 | ---------- | 989,625 | 13,724,900 |
| Oregon | 435,392 | 1,180,765 | 1,290,818 | 55,503 | 97,269 | 82,385 | 1,654,738 | 4,453,933 | 7,709,970 |
| Pennsylvania | 6,620,016 | 10,381,781 | 10,553,106 | 740,787 | 999,604 | 491,875 | 34,377,889 | 50,049,915 | 67,038,180 |
| Rhode Island | 245,070 | 482,370 | 500,618 | 24,689 | 42,167 | 19,896 | 1,564,934 | 2,020,714 | 3,217,310 |
| South Carolina | 1,107,954 | 3,873,798 | 2,664,784 | 309,675 | 317,750 | 243,535 | 3,416,846 | 5,702,141 | 9,007,700 |
| South Dakota[f] | ---------- | 2,292,866 | 3,028,700 | ---------- | 131,260 | 149,585 | ---------- | 8,777,993 | 17,349,750 |
| Tennessee | 3,482,267 | 12,062,139 | 6,184,210 | 1,922,454 | 1,570,445 | 787,527 | 16,347,482 | 23,172,313 | 31,807,990 |
| Texas | 3,127,770 | 11,523,717 | 13,562,302 | 1,168,097 | 1,455,151 | 1,299,044 | 11,486,566 | 32,466,433 | 58,040,810 |
| Utah | 214,733 | 279,983 | 534,842 | 7,883 | 16,326 | 21,911 | 826,237 | 1,131,071 | 3,387,340 |
| Vermont | 517,992 | 789,278 | 806,451 | 49,836 | 96,049 | 36,712 | 3,050,131 | 4,515,130 | 6,271,880 |
| Virginia | 1,987,010 | 6,576,260 | 4,590,311 | 660,147 | 992,731 | 451,159 | 8,950,629 | 13,557,571 | 25,550,460 |
| Washington | 137,581 | 779,972 | 1,196,639 | 9,548 | 37,156 | 160,076 | 501,448 | 2,710,520 | 7,473,790 |
| West Virginia | 1,321,886 | 3,197,447 | 2,759,585 | 285,315 | 525,421 | 293,486 | 6,741,893 | 9,919,974 | 17,242,400 |
| Wisconsin | 3,561,353 | 5,646,294 | 8,097,399 | 294,373 | 427,518 | 350,145 | 15,826,025 | 29,390,784 | 46,249,580 |
| Wyoming | 10,431 | 73,694 | 142,136 | 736 | 4,393 | 7,428 | 30,740 | 332,221 | 937,570 |
| Total[g] | 102,272,135 | 258,871,125 | 233,598,085 | 23,235,187 | 26,738,315 | 17,083,588 | 456,910,916 | 819,722,916 | 1,293,819,183 |
| *Geographical divisions.*[h] | | | | | | | | | |
| North Atlantic | 18,102,653 | 28,109,950 | 27,952,114 | 1,765,750 | 2,449,635 | 1,128,039 | 99,825,536 | 139,426,826 | 191,764,090 |
| South Atlantic | 10,530,106 | 33,774,247 | 22,293,912 | 3,927,606 | 3,940,169 | 2,178,801 | 41,162,363 | 66,232,877 | 105,349,996 |
| North Central | 53,906,191 | 132,702,123 | 123,469,068 | 8,593,775 | 12,120,872 | 7,387,809 | 238,933,718 | 464,001,953 | 716,663,710 |
| South Central | 17,165,766 | 57,110,004 | 50,299,631 | 8,627,783 | 7,516,012 | 5,722,594 | 66,774,605 | 122,842,441 | 222,096,860 |
| Western | 2,567,419 | 7,174,801 | 9,551,296 | 320,268 | 711,627 | 640,090 | 10,214,694 | 27,218,819 | 57,787,867 |

[a] Total number of ducks, geese, and turkeys.
[b] Including only fowls over 3 months old.
[c] Not reported prior to 1900.
[d] Acquired in 1898.
[e] Dakota Territory prior to 1890.
[f] Included in Dakota Territory prior to 1890.
[g] Data for Alaska and Hawaii included in totals for United States, but not in those for the five geographical divisions.
[h] For States and Territories included in each division, see note *f*, page 53.

## No. 79.—ORCHARD PRODUCTS: CENSUS YEARS 1890 AND 1900, BY STATES AND TERRITORIES AND BY GEOGRAPHICAL DIVISIONS.

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| State or Territory. | Apples. | | Peaches and nectarines. | | Pears. | |
|---|---|---|---|---|---|---|
| | 1890 | 1900 | 1890 | 1900 | 1890 | 1900 |
| | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* |
| Alabama | 1,238,734 | 719,175 | 2,431,203 | 184,543 | 22,902 | 22,656 |
| Arizona | 1,973 | 13,471 | 16,126 | 38,092 | 535 | 13,197 |
| Arkansas | 1,894,346 | 2,811,182 | 3,001,125 | 333,642 | 12,955 | 24,503 |
| California | 1,654,636 | 3,488,208 | 1,691,019 | 8,563,427 | 577,444 | 1,912,825 |
| Colorado | 70,728 | 257,563 | 3,135 | 47,381 | 2,441 | 19,272 |
| Connecticut | 1,903,724 | 3,708,931 | 37,295 | 61,775 | 25,862 | 41,485 |
| Delaware | 109,644 | 702,920 | 457,201 | 9,750 | 26,029 | 156,208 |
| District of Columbia | 1,369 | 283 | 299 | 3 | 530 | 408 |
| Florida | 2,610 | 1,866 | 230,290 | 92,113 | 34,255 | 83,584 |
| Georgia | 2,113,055 | 670,889 | 5,525,119 | 259,728 | 113,868 | 49,497 |
| Hawaii[a] | ..... | 26 | ..... | 1,020 | ..... | ..... |
| Idaho | 88,296 | 223,662 | 10,584 | 17,793 | 3,542 | 25,324 |
| Illinois | 9,600,785 | 9,178,150 | 341,178 | 66,805 | 57,090 | 133,745 |
| Indiana | 8,784,038 | 8,620,278 | 307,084 | 69,333 | 157,707 | 231,713 |
| Indian Territory[b] | ..... | 222,565 | ..... | 48,730 | ..... | 2,971 |
| Iowa | 5,040,352 | 3,120,862 | 25,040 | 5,481 | 7,812 | 5,014 |
| Kansas | 3,713,019 | 3,214,407 | 1,798,781 | 137,489 | 18,891 | 21,978 |
| Kentucky | 10,679,389 | 6,053,717 | 846,138 | 34,700 | 118,850 | 76,940 |
| Louisiana | 117,748 | 68,735 | 310,217 | 153,808 | 3,993 | 29,405 |
| Maine | 3,071,471 | 1,421,773 | 217 | 1,895 | 13,141 | 11,200 |
| Maryland | 1,410,413 | 3,150,673 | 803,019 | 172,303 | 60,292 | 301,702 |
| Massachusetts | 1,690,110 | 3,023,436 | 7,472 | 27,906 | 71,559 | 89,011 |
| Michigan | 13,154,626 | 8,931,569 | 216,311 | 339,637 | 194,099 | 170,702 |
| Minnesota | 80,131 | 120,143 | 5 | 190 | 96 | 226 |
| Mississippi | 605,368 | 249,035 | 1,324,354 | 252,305 | 18,531 | 36,923 |
| Missouri | 8,698,170 | 6,496,436 | 1,667,789 | 61,006 | 58,683 | 58,449 |
| Montana | 5,896 | 43,939 | ..... | 17 | 2 | 24 |
| Nebraska | 1,172,935 | 1,343,497 | 19,742 | 8,753 | 1,114 | 979 |
| Nevada | 30,083 | 10,760 | 1,423 | 2,563 | 811 | 903 |
| New Hampshire | 2,283,347 | 1,978,797 | 1,204 | 6,054 | 19,288 | 19,341 |
| New Jersey | 693,890 | 4,640,896 | 776,078 | 620,928 | 80,664 | 790,818 |
| New Mexico | 37,192 | 142,332 | 17,822 | 76,204 | 1,526 | 14,777 |
| New York | 8,493,846 | 24,111,257 | 169,976 | 466,850 | 588,767 | 960,170 |
| North Carolina | 7,591,541 | 4,662,751 | 2,740,915 | 373,663 | 33,910 | 25,521 |
| North Dakota | 6 | 1,273 | ..... | ..... | ..... | 1 |
| Ohio | 13,789,278 | 20,617,480 | 687,112 | 240,686 | 279,831 | 244,565 |
| Oklahoma | ..... | 111,235 | ..... | 255,933 | ..... | 1,968 |
| Oregon | 1,038,492 | 873,980 | 69,934 | 101,190 | 106,383 | 112,225 |
| Pennsylvania | 7,552,710 | 24,060,651 | 117,151 | 143,464 | 144,534 | 434,177 |
| Rhode Island | 239,367 | 339,445 | 1,149 | 6,140 | 10,037 | 12,452 |
| South Carolina | 435,484 | 251,728 | 1,490,633 | 129,472 | 9,244 | 20,439 |
| South Dakota | 1,522 | 17,121 | 15 | 13 | 3 | 157 |
| Tennessee | 7,283,945 | 5,387,775 | 2,555,099 | 77,678 | 49,923 | 43,609 |
| Texas | 742,993 | 591,985 | 5,106,332 | 1,400,240 | 17,034 | 166,418 |
| Utah | 56,633 | 189,882 | 69,910 | 85,315 | 6,198 | 59,982 |
| Vermont | 1,213,405 | 1,176,822 | 80 | 967 | 16,101 | 10,239 |
| Virginia | 8,391,425 | 9,835,982 | 1,052,000 | 357,339 | 51,553 | 88,400 |
| Washington | 295,196 | 728,978 | 63,497 | 80,990 | 26,868 | 78,236 |
| West Virginia | 4,439,978 | 7,495,743 | 376,662 | 18,100 | 15,406 | 19,475 |
| Wisconsin | 1,591,747 | 303,373 | 12 | 209 | 4,071 | 1,540 |
| Wyoming | 43 | 989 | ..... | ..... | ..... | 3 |
| Total[c] | 143,105,689 | 175,397,626 | 36,367,747 | 15,433,623 | 3,064,375 | 6,625,417 |
| *Geographical divisions.*[d] | | | | | | |
| North Atlantic | 27,141,870 | 64,462,008 | 1,110,622 | 1,335,979 | 969,953 | 2,368,893 |
| South Atlantic | 24,495,519 | 26,772,835 | 12,676,138 | 1,412,471 | 345,087 | 745,294 |
| North Central | 65,626,609 | 61,973,589 | 5,063,069 | 929,602 | 779,397 | 869,069 |
| South Central | 22,562,523 | 16,215,404 | 15,574,468 | 2,741,579 | 244,188 | 405,393 |
| Western | 3,279,168 | 5,973,764 | 1,943,450 | 9,012,972 | 725,750 | 2,236,768 |

[a] Acquired in 1898.
[b] Not reported prior to 1900.
[c] Data for Hawaii included in totals for United States, but not in the five geographical divisions.
[d] For States and Territories included in each division, see note *f*, page 53.

No. 79.—Orchard Products: Census Years 1890 and 1900, by States and Territories—Continued.

| State or Territory. | Plums and prunes. | | Cherries. | | Apricots. | | Unclassified. |
|---|---|---|---|---|---|---|---|
| | 1890 | 1900 | 1890 | 1900 | 1890 | 1900 | 1900 |
| | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* | *Bushels.* |
| Alabama | 40,451 | 11,876 | 1,862 | 1,159 | 611 | 115 | 8,212 |
| Arizona | 349 | 3,133 | 235 | 220 | 1,566 | 40,578 | *4,615* |
| Arkansas | 136,574 | 174,734 | 8,002 | 7,889 | 1,509 | 391 | 7,524 |
| California | 1,202,573 | 5,632,036 | 154,063 | 318,060 | 970,941 | 2,547,064 | 228,176 |
| Colorado | 1,675 | 15,224 | 345 | 5,387 | 284 | 2,363 | 6,859 |
| Connecticut | 364 | 9,733 | 2,875 | 12,271 | 3 | 64 | 4,846 |
| Delaware | 419 | 7,815 | 1,061 | 8,066 | ..... | 28 | 510 |
| District of Columbia | ..... | ..... | 5 | 248 | ..... | ..... | ..... |
| Florida | 13,356 | 47,840 | 12 | 112 | 15 | 68 | 2,870 |
| Georgia | 49,668 | 36,920 | 10,495 | 5,950 | 2,233 | 98 | 5,751 |
| Hawaii[a] | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Idaho | 8,419 | 164,468 | 1,197 | 12,294 | 59 | 550 | 7,909 |
| Illinois | 31,341 | 157,941 | 86,254 | 204,279 | 393 | 1,437 | 24,854 |
| Indiana | 30,852 | 131,529 | 199,939 | 228,485 | 850 | 757 | 22,387 |
| Indian Territory[b] | ..... | 4,051 | ..... | 1,455 | ..... | 76 | 969 |
| Iowa | 50,878 | 186,312 | 49,334 | 118,743 | 206 | 378 | 10,632 |
| Kansas | 18,128 | 57,520 | 101,060 | 60,511 | 262 | 4,236 | 17,545 |
| Kentucky | 56,914 | 76,574 | 43,393 | 34,258 | 1,621 | 392 | *9,593* |
| Louisiana | 17,977 | 29,682 | 901 | 336 | 469 | 89 | 1,032 |
| Maine | 1,291 | 2,282 | 804 | 1,550 | 3 | ..... | 219 |
| Maryland | 2,359 | 19,945 | 12,575 | 60,452 | 101 | 313 | 5,278 |
| Massachusetts | 2,186 | 5,919 | 2,413 | 6,043 | 16 | 25 | 6,441 |
| Michigan | 37,068 | 213,682 | 150,526 | 194,541 | 299 | 730 | 9,001 |
| Minnesota | 5,358 | 21,820 | 13 | 960 | ..... | 2 | 314 |
| Mississippi | 107,502 | 66,793 | 3,361 | 2,352 | 781 | 772 | 2,747 |
| Missouri | 40,338 | 111,603 | 88,444 | 62,708 | 1,035 | 583 | 14,716 |
| Montana | 36 | 373 | 9 | 807 | ..... | 1 | 31 |
| Nebraska | 15,828 | 42,314 | 18,004 | 54,047 | 223 | 333 | 6,130 |
| Nevada | 670 | 542 | 78 | 114 | 76 | 280 | 125 |
| New Hampshire | 842 | 4,942 | 504 | 1,183 | ..... | 2 | 7,561 |
| New Jersey | 617 | 24,685 | 6,762 | 82,005 | 2 | 201 | 8,947 |
| New Mexico | 2,230 | 18,492 | 672 | 5,228 | 744 | 6,637 | 4,165 |
| New York | 73,411 | 303,688 | 44,298 | 218,642 | 281 | 15,710 | 95,993 |
| North Carolina | 15,516 | 22,074 | 46,918 | 33,899 | 1,915 | 245 | 6,806 |
| North Dakota | 21 | 365 | ..... | 4 | ..... | ..... | 4 |
| Ohio | 17,921 | 81,435 | 117,330 | 192,954 | 434 | 449 | 21,704 |
| Oklahoma | 49 | 7,986 | ..... | 1,766 | ..... | 493 | 1,136 |
| Oregon | 199,700 | 359,821 | 42,127 | 65,347 | 633 | 1,665 | 7,774 |
| Pennsylvania | 7,899 | 100,210 | 60,571 | 474,940 | 169 | 1,634 | 21,778 |
| Rhode Island | 138 | 571 | 689 | 1,329 | 5 | 12 | 349 |
| South Carolina | 8,507 | 16,177 | 10,173 | 6,551 | 2,057 | 120 | 7,686 |
| South Dakota | 2,151 | 8,114 | 41 | 900 | 5 | ..... | 96 |
| Tennessee | 105,359 | 73,315 | 19,636 | 11,688 | 423 | 211 | 5,412 |
| Texas | 160,256 | 180,813 | 3,863 | 2,189 | 1,580 | 1,620 | *10,466* |
| Utah | 9,663 | 45,984 | 973 | 9,905 | 4,178 | 5,272 | 1,523 |
| Vermont | 746 | 1,529 | 164 | 1,069 | ..... | ..... | 803 |
| Virginia | 2,886 | 21,167 | 100,217 | 188,693 | 1,024 | 678 | *5,142* |
| Washington | 66,909 | 229,207 | 11,692 | 52,114 | 3,856 | 5,254 | 5,578 |
| West Virginia | 3,774 | 19,123 | 51,057 | 87,828 | 587 | 145 | 1,779 |
| Wisconsin | 3,223 | 12,166 | 22,712 | 31,067 | 33 | 57 | 188 |
| Wyoming | ..... | 7 | ..... | 1 | ..... | ..... | 145 |
| Total[c] | 2,554,392 | 8,764,032 | 1,476,719 | 2,873,499 | 1,001,482 | 2,642,128 | 630,321 |
| *Geographical divisions.*[d] | | | | | | | |
| North Atlantic | 87,494 | 453,559 | 119,140 | 799,032 | 479 | 17,648 | 146,937 |
| South Atlantic | 96,485 | 190,561 | 231,513 | 391,799 | 7,932 | 1,695 | 35,822 |
| North Central | 253,107 | 1,024,801 | 833,657 | 1,149,199 | 3,740 | 8,962 | 127,571 |
| South Central | 625,082 | 625,824 | 81,018 | 63,092 | 6,994 | 4,159 | 53,091 |
| Western | 1,492,224 | 6,469,287 | 211,391 | 470,377 | 982,337 | 2,609,664 | 266,900 |

[a] Acquired in 1898.
[b] Not reported prior to 1900.
[c] Data for Hawaii included in totals for the United States, but not in the five geographical divisions.
[d] For States and Territories included in each division, see note *f*, page 53.

## No. 80.—WEALTH PRODUCTION ON FARMS: 1897 AND 1900 TO 1909.

[Data of the Department of Agriculture.]

| Calendar year. | Wealth production. | Calendar year. | Wealth production. |
|---|---|---|---|
| | *Dollars.* | | *Dollars.* |
| 1897 | 4,250,000,000 | 1905 | 6,309,000,000 |
| 1900 | 5,017,000,000 | 1906 | 6,755,000,000 |
| 1901 | 5,317,000,000 | 1907 | 7,488,000,000 |
| 1902 | 5,617,000,000 | 1908 | 7,848,000,000 |
| 1903 | 5,917,000,000 | 1909 | 8,760,000,000 |
| 1904 | 6,159,000,000 | | |

## No. 81.—NATIONAL FORESTS: TIMBER DISPOSED OF, QUANTITY, PRICE, AND NUMBER OF USERS, REVENUE UNDER SPECIFIED HEADS, AND DETAILS OF GRAZING PRIVILEGES, YEARS ENDED JUNE 30, 1905 TO 1909.

[From reports of the Forest Service, Department of Agriculture.]

| | 1905 | 1906 | 1907 | 1908 | 1909 |
|---|---|---|---|---|---|
| Free timber given: | | | | | |
| Number of users | | | 17,399 | 30,377 | 33,431 |
| Value ...dolls. | | | 100,362 | 169,320 | 169,081 |
| Timber cut ...[a]M ft. | | | 86,818 | 131,977 | 105,205 |
| Timber sales: | | | | | |
| Number | | | 1,508 | 5,062 | 4,980 |
| Price per thousand board feet (average) ...dolls. | | | 2.42 | 1.90 | 1.98 |
| Quantity ...[a]M ft. | | | 1,044,855 | 386,384 | 286,666 |
| Revenue: | | | | | |
| Revenue from sales ...dolls. | 54,618 | 202,827 | 602,565 | 773,182 | 647,721 |
| Settlements[b] ...dolls. | | 2,961 | 17,811 | 20,439 | 45,272 |
| Penalties for trespass ...dolls. | 5,518 | 39,225 | 20,326 | 55,405 | 43,109 |
| Special uses ...dolls. | 6 | 7,514 | 66,437 | 30,425 | 38,983 |
| Receipts July 1 (credited to administrative fund) ...dolls. | | | 2,907 | | |
| Grazing: | | | | | |
| Area of ranges ...acres. | | | 110,000,000 | 120,000,000 | 130,000,000 |
| Kinds of stock— | | | | | |
| Cattle ...number. | | | 1,130,601 | 1,304,142 | 1,491,385 |
| Goats ...number. | | | 82,687 | 126,192 | 139,896 |
| Hogs ...number. | | | 1,803 | 2,076 | 4,501 |
| Horses ...number. | | | 69,554 | 76,003 | 90,019 |
| Sheep ...number. | | | 6,574,396 | 6,960,919 | 7,679,698 |
| Total | | | 7,859,044 | 8,469,332 | 9,405,499 |
| Revenue from fees ...dolls. | | 514,693 | 863,920 | 962,829 | [c]1,032,186 |

[a] See explanation of terms, page 20.
[b] Includes timber taken in the exercise of permits for right of way, development of power, etc.
[c] Includes $8,454, grazing trespass fees.

## No. 82.—LOCATION, DATE LATEST PROCLAMATION EFFECTIVE, AND AREA OF THE NATIONAL FORESTS ON JUNE 30, 1909: BY STATES AND TERRITORIES.

[From reports of the Bureau of Forestry, Department of Agriculture.]

| State or Territory and Forest. | Proclamation effective. | Area. |
|---|---|---|
| Arizona: | | *Acres.* |
| Apache | Mar. 2, 1909 | 1,785,711 |
| Chiricahua[a] | July 2, 1908 | 287,520 |
| Coconino | July 2, 1908 | 3,639,982 |
| Coronado | July 2, 1908 | 966,368 |
| Crook | July 1, 1908 | 788,624 |
| Dixie[b] | Feb. 10, 1909 | 626,800 |
| Garces | July 2, 1908 | 644,395 |
| Kaibab | July 2, 1908 | 1,080,000 |
| Prescott | Feb. 1, 1909 | 1,541,762 |
| Sitgreaves | Mar. 2, 1909 | 1,470,364 |
| Tonto | Feb. 10, 1909 | 2,110,354 |
| Zuñi[c] | Mar. 2, 1909 | 266,981 |
| Total | | 15,258,861 |
| Arkansas: | | |
| Arkansas | Feb. 27, 1909 | 1,663,300 |
| Ozark | Feb. 25, 1909 | 1,526,481 |
| Total | | 3,189,781 |
| California: | | |
| Angeles | July 1, 1908 | 1,350,900 |
| California | Feb. 25, 1909 | 1,114,904 |
| Cleveland | Jan. 26, 1909 | 2,236,178 |
| Crater[d] | July 1, 1908 | 58,614 |
| Inyo[e] | July 2, 1908 | 1,458,444 |
| Klamath | Feb. 13, 1909 | 2,094,467 |
| Lassen | Mar. 2, 1909 | 1,373,043 |
| Modoc | Feb. 25, 1909 | 1,471,817 |
| Mono[f] | Mar. 2, 1909 | 813,789 |
| Monterey | July 2, 1908 | 514,477 |
| Plumas | Mar. 2, 1909 | 1,407,053 |
| San Luis | July 1, 1908 | 355,990 |
| Santa Barbara | July 1, 1908 | 2,027,180 |
| Sequoia | Mar. 2, 1909 | 3,079,942 |
| Shasta | Mar. 2, 1909 | 1,754,718 |
| Sierra | July 2, 1908 | 1,935,680 |
| Siskiyou[g] | July 1, 1908 | 87,814 |
| Stanislaus | July 2, 1908 | 1,117,625 |
| Tahoe[h] | Mar. 2, 1909 | 1,931,042 |
| Trinity | Mar. 2, 1909 | 1,834,833 |
| Total | | 27,968,510 |
| Colorado: | | *Acres.* |
| Arapaho | July 1, 1908 | 796,815 |
| Battlement | July 1, 1908 | 759,002 |
| Cochetopa | July 1, 1908 | 932,890 |
| Gunnison | July 1, 1908 | 945,350 |
| Hayden[i] | July 1, 1908 | 84,000 |
| Holy Cross | Apr. 26, 1909 | 595,840 |
| La Sal[j] | Mar. 16, 1909 | 29,502 |
| Las Animas[k] | Mar. 1, 1907 | 196,140 |
| Leadville | July 1, 1908 | 1,184,730 |
| Medicine Bow | July 1, 1908 | 659,780 |
| Montezuma | July 1, 1908 | 1,175,811 |
| Pike | July 1, 1908 | 1,457,524 |
| Rio Grande | July 1, 1908 | 1,262,158 |
| Routt | July 1, 1908 | 1,049,686 |
| San Isabel | July 2, 1908 | 560,848 |
| San Juan | July 1, 1908 | 1,460,880 |
| Sopris | Apr. 26, 1909 | 655,360 |
| Uncompahgre | July 1, 1908 | 921,243 |
| White River | May 21, 1904 | 970,880 |
| Total | | 15,698,439 |
| Florida: | | |
| Choctawhatchee | Nov. 27, 1908 | 467,606 |
| Ocala | Nov. 24, 1908 | 207,285 |
| Total | | 674,891 |
| Idaho: | | |
| Beaverhead[l] | July 1, 1908 | 304,140 |
| Boise | July 1, 1908 | 1,147,360 |
| Cache[m] | July 1, 1908 | 276,640 |
| Caribou[n] | Jan. 15, 1907 | 733,000 |
| Challis | July 1, 1908 | 1,161,040 |
| Clearwater | July 1, 1908 | 2,687,860 |
| Coeur d'Alene | July 1, 1908 | 1,543,844 |
| Idaho | July 1, 1908 | 1,293,280 |
| Kaniksu[o] | July 1, 1908 | 544,220 |
| Lemhi | July 1, 1908 | 955,408 |
| Minidoka[p] | July 2, 1908 | 619,204 |
| Nezperce | July 1, 1908 | 1,946,340 |
| Payette | July 1, 1908 | 844,240 |
| Pend d'Oreille | July 1, 1908 | 913,364 |

[a] Total of Chiricahua in Arizona and New Mexico=466,497 acres.
[b] Total of Dixie in Arizona and Utah=1,102,665 acres.
[c] Total of Zuñi in Arizona and New Mexico=670,981 acres.
[d] Total of Crater in California and Oregon=1,119,834 acres.
[e] Total of Inyo in California and Nevada=1,521,017 acres.
[f] Total of Mono in California and Nevada=1,349,126 acres.
[g] Total of Siskiyou in California and Oregon=1,302,393 acres.
[h] Total of Tahoe in California and Nevada=1,992,127 acres.
[i] Total of Hayden in Colorado and Wyoming=454,911 acres.
[j] Total of La Sal in Colorado and Utah=474,130 acres.
[k] Total of Las Animas in Colorado and New Mexico=196,620 acres.
[l] Total of Beaverhead in Idaho and Montana=1,810,820 acres.
[m] Total of Cache in Idaho and Utah=533,840 acres.
[n] Total of Caribou in Idaho and Wyoming=740,740 acres.
[o] Total of Kaniksu in Idaho and Washington=950,740 acres.
[p] Total of Minidoka in Idaho and Utah=736,407 acres.

**No. 82.**—LOCATION, DATE LATEST PROCLAMATION EFFECTIVE, AND AREA OF THE NATIONAL FORESTS ON JUNE 30, 1909, BY STATES AND TERRITORIES—Continued.

| State or Territory and Forest. | Proclamation effective. | Area. |
|---|---|---|
| Idaho—Continued. | | *Acres.* |
| Pocatello[a] | July 1,1908 | 238,148 |
| Salmon | July 1,1908 | 1,762,472 |
| Sawtooth | July 1,1908 | 1,211,920 |
| Targhee[b] | July 1,1908 | 1,101,720 |
| Weiser | July 1,1908 | 764,829 |
| Total | | 20,099,029 |
| Kansas: | | |
| Kansas | May 15,1908 | 302,387 |
| Michigan: | | |
| Marquette | Feb. 10,1909 | 30,603 |
| Michigan | Feb. 11,1909 | 132,770 |
| Total | | 163,373 |
| Minnesota: | | |
| Minnesota | May 23,1908 | 294,752 |
| Superior | Feb. 13,1909 | 909,734 |
| Total | | 1,204,486 |
| Montana: | | |
| Absaroka | July 1,1908 | 980,440 |
| Beartooth | July 1,1908 | 685,293 |
| Beaverhead[c] | July 1,1908 | 1,506,680 |
| Bitterroot | July 1,1908 | 1,180,900 |
| Blackfeet | July 1,1908 | 1,956,340 |
| Cabinet | July 1,1908 | 1,020,960 |
| Custer | July 2,1908 | 590,720 |
| Deerlodge | July 1,1908 | 1,080,220 |
| Flathead | July 1,1908 | 2,092,785 |
| Gallatin | July 1,1908 | 907,160 |
| Helena | July 1,1908 | 930,180 |
| Jefferson | July 2,1908 | 1,255,320 |
| Kootenai | July 1,1908 | 1,661,260 |
| Lewis and Clark | July 1,1908 | 844,136 |
| Lolo | Nov. 6,1906 | 1,211,680 |
| Madison | July 1,1908 | 1,102,860 |
| Missoula | July 1,1908 | 1,237,509 |
| Sioux[d] | Feb 15,1909 | 145,258 |
| Total | | 20,389,696 |
| Nebraska: | | |
| Nebraska | July 2,1908 | 556,072 |
| Nevada: | | *Acres.* |
| Humboldt | Jan. 20,1909 | 1,158,814 |
| Inyo[e] | July 2,1908 | 62,573 |
| Moapa | Jan. 21,1909 | 390,580 |
| Mono[f] | Mar. 2,1909 | 535,337 |
| Nevada | Feb. 10,1909 | 1,222,312 |
| Tahoe[g] | Mar. 2,1909 | 61,085 |
| Toiyabe | Feb. 20,1909 | 1,678,714 |
| Total | | 5,109,415 |
| New Mexico: | | |
| Alamo | Mar. 2,1909 | 1,513,817 |
| Carson | Mar. 2,1909 | 1,390,680 |
| Chiricahua[h] | July 2,1908 | 178,977 |
| Datil | Feb. 23,1909 | 2,869,888 |
| Gila | Feb. 15,1900 | 1,782,562 |
| Jemez | July 1,1908 | 941,085 |
| Las Animas[i] | Mar. 1,1907 | 480 |
| Lincoln | Mar. 2,1909 | 677,790 |
| Manzano | Apr. 16,1908 | 587,110 |
| Pecos | Jan. 28,1909 | 622,322 |
| Zuñi[j] | Mar. 2,1909 | 401,000 |
| Total | | 10,971,711 |
| North Dakota: | | |
| Dakota | Nov. 24,1908 | 13,940 |
| Oklahoma: | | |
| Wichita | May 29,1906 | 60,800 |
| Oregon: | | |
| Cascade | July 1,1908 | 1,767,370 |
| Crater[k] | July 1,1908 | 1,061,220 |
| Deschutes | July 14,1908 | 1,504,207 |
| Fremont | July 14,1908 | 1,260,320 |
| Malheur | July 1,1908 | 1,167,400 |
| Oregon | July 1,1908 | 1,787,280 |
| Siskiyou[l] | July 1,1908 | 1,264,579 |
| Siuslaw | July 1,1908 | 821,794 |
| Umatilla | July 1,1908 | 540,496 |
| Umpqua | July 1,1908 | 1,567,500 |
| Wallowa | July 2,1908 | 1,750,240 |
| Wenaha[m] | Mar. 1,1907 | 494,942 |
| Whitman | July 1,1908 | 1,234,020 |
| Total | | 16,221,368 |

[a] Total of Pocatello in Idaho and Utah=238,368 acres.
[b] Total of Targhee in Idaho and Wyoming=1,479,320 acres.
[c] Total of Beaverhead in Idaho and Montana=1,810,820 acres.
[d] Total of Sioux in Montana and South Dakota=249,653 acres.
[e] Total of Inyo in California and Nevada=1,521,017 acres.
[f] Total of Mono in California and Nevada=1,349,126 acres.
[g] Total of Tahoe in California and Nevada=1,992,127 acres.
[h] Total of Chiricahua in Arizona and New Mexico=466,497 acres.
[i] Total of Las Animas in Colorado and New Mexico=196,620 acres.
[j] Total of Zuñi in Arizona and New Mexico=670,981 acres.
[k] Total of Crater in California and Oregon=1,119,834 acres.
[l] Total of Siskiyou in California and Oregon=1,302,393 acres.
[m] Total of Wenaha in Oregon and Washington=813,342 acres.

**No. 82.**—Location, Date, Latest Proclamation Effective, and Area of the National Forests on June 30, 1909, by States and Territories—Continued.

| State or Territory and Forest. | Proclamation effective. | Area. |
|---|---|---|
| South Dakota: | | |
| Black Hills | Feb. 15, 1909 | 1,190,040 |
| Sioux [a] | Feb. 15, 1909 | 104,400 |
| Total | | 1,294,440 |
| Utah: | | |
| Ashley [b] | July 1, 1908 | 947,490 |
| Cache [c] | July 1, 1908 | 257,200 |
| Dixie [d] | Feb. 10, 1909 | 475,865 |
| Fillmore | July 1, 1908 | 578,459 |
| Fishlake | July 2, 1908 | 537,283 |
| La Sal [e] | Mar. 16, 1909 | 444,628 |
| Manti | Apr. 25, 1907 | 786,080 |
| Minidoka [f] | July 2, 1908 | 117,203 |
| Nebo | July 1, 1908 | 343,920 |
| Pocatello [g] | July 1, 1908 | 10,720 |
| Powell | July 2, 1908 | 726,159 |
| Sevier | Jan. 17, 1906 | 710,920 |
| Uinta | July 1, 1908 | 1,250,610 |
| Wasatch | July 2, 1908 | 249,840 |
| Total | | 7,436,327 |
| Washington: | | |
| Chelan | July 1, 1908 | 2,492,500 |
| Columbia | July 1, 1908 | 941,440 |
| Colville | Mar. 1, 1907 | 869,520 |
| Kaniksu [h] | July 1, 1908 | 406,520 |
| Olympic | Mar. 2, 1907 | 1,594,560 |
| Rainier | July 1, 1908 | 1,641,280 |
| Snoqualmie | July 1, 1908 | 961,120 |
| Washington | July 1, 1908 | 1,419,040 |
| Washington—Cont'd. | | |
| Wenaha [i] | Mar. 1, 1907 | 318,400 |
| Wenatchee | July 1, 1908 | 1,421,120 |
| Total | | 12,065,500 |
| Wyoming: | | |
| Ashley [b] | July 1, 1908 | 4,596 |
| Bighorn | July 2, 1908 | 1,151,680 |
| Bonneville | July 1, 1908 | 1,627,840 |
| Caribou [j] | Jan. 15, 1907 | 7,740 |
| Cheyenne | July 1, 1908 | 617,932 |
| Hayden [k] | July 1, 1908 | 370,911 |
| Shoshone | July 1, 1908 | 1,689,680 |
| Sundance | July 1, 1908 | 183,224 |
| Targhee [l] | July 1, 1908 | 377,600 |
| Teton | July 1, 1908 | 1,991,200 |
| Wyoming | July 1, 1908 | 976,320 |
| Total | | 8,998,723 |
| Total of 147 National Forests in continental United States | | 167,677,749 |
| Alaska: | | |
| Chugach | Feb. 23, 1909 | 11,280,640 |
| Tongass | Feb. 16, 1909 | 15,480,986 |
| Total | | 26,761,626 |
| Porto Rico: | | |
| Luquillo | Jan. 17, 1903 | 65,950 |
| Grand total of 150 National Forests | | 194,505,325 |

[a] Total of Sioux in Montana and South Dakota=249,653 acres.
[b] Total of Ashley in Utah and Wyoming=952,086 acres.
[c] Total of Cache in Idaho and Utah=533,840 acres.
[d] Total of Dixie in Arizona and Utah=1,102,665 acres.
[e] Total of La Sal in Colorado and Utah=474,130 acres.
[f] Total of Minidoka in Idaho and Utah=736,407 acres.
[g] Total of Pocatello in Idaho and Utah=293,868 acres.
[h] Total of Kaniksu in Idaho and Washington=950,740 acres.
[i] Total of Wenaha in Oregon and Washington=813,342 acres.
[j] Total of Caribou in Idaho and Wyoming=740,740 acres.
[k] Total of Hayden in Colorado and Wyoming=454,911 acres.
[l] Total of Targhee in Idaho and Wyoming=1,479,320 acres.

## No. 83.—TIES PURCHASED BY STEAM AND ELECTRIC RAILROADS: KINDS, NUMBER, AND VALUE, CALENDAR YEAR 1908.

[Compiled by the Bureau of the Census, Department of Commerce and Labor, in cooperation with the Forest Service, Department of Agriculture.]

| Kind. | Steam railroads. | | | | | |
|---|---|---|---|---|---|---|
| | Hewed. | | | Sawed. | | |
| | Number. | Total cost. | Average cost per tie. | Number. | Total cost. | Average cost per tie. |
| | | *Dollars.* | *Cents.* | | *Dollars.* | *Cents.* |
| Oaks | 40,330,252 | 20,345,971 | 50 | 5,366,198 | 3,021,103 | 56 |
| Southern pines | 18,041,597 | 9,547,104 | 53 | 2,542,587 | 1,459,746 | 57 |
| Cedar | 6,690,620 | 3,363,589 | 50 | 630,185 | 286,876 | 46 |
| Chestnut | 4,475,825 | 2,174,125 | 49 | 2,315,732 | 1,201,542 | 52 |
| Douglas fir | 1,907,595 | 782,583 | 41 | 5,721,895 | 2,683,125 | 47 |
| Tamarack | 3,778,000 | 1,920,391 | 51 | 218,670 | 89,391 | 41 |
| Cypress | 2,939,823 | 1,287,825 | 43 | 359,203 | 186,774 | 52 |
| Hemlock | 3,010,756 | 1,139,430 | 38 | 84,181 | 30,065 | 36 |
| Western yellow pine | 2,132,245 | 1,024,367 | 48 | 937,674 | 539,336 | 58 |
| Redwood | 446,678 | 212,648 | 48 | 94,466 | 59,945 | 63 |
| Lodgepole pine | 486,643 | 233,709 | 48 | 30,666 | 12,590 | 41 |
| White pine | 548,531 | 253,479 | 46 | 139,903 | 71,201 | 51 |
| Gum | 261,551 | 116,631 | 45 | ..... | ..... | ..... |
| Beech | 191,384 | 84,831 | 44 | 1,464 | 616 | 42 |
| All other | 2,095,538 | 790,682 | 38 | 208,219 | 88,184 | 42 |
| Total | 87,387,038 | 43,277,365 | 50 | 18,651,043 | 9,730,494 | 52 |

| Kind. | Electric railroads. | | | | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Hewed. | | | Sawed. | | | | | |
| | Number. | Total cost. | Average cost per tie. | Number. | Total cost. | Average cost per tie. | Number. | Total cost. | Average cost per tie. |
| | | *Dollars.* | *Cents.* | | *Dollars.* | *Cents.* | | *Dollars.* | *Cents.* |
| Oaks | 1,812,916 | 951,403 | 52 | 601,487 | 334,565 | 56 | 48,110,853 | 24,653,042 | 51 |
| Southern pines | 513,759 | 275,596 | 54 | 430,931 | 316,450 | 73 | 21,528,874 | 11,598,896 | 54 |
| Cedar | 777,875 | 347,498 | 45 | 72,812 | 30,370 | 42 | 8,171,492 | 4,028,333 | 49 |
| Chestnut | 923,984 | 434,563 | 47 | 358,144 | 170,514 | 48 | 8,073,685 | 3,980,744 | 49 |
| Douglas fir | 37,785 | 12,785 | 34 | 319,675 | 120,363 | 38 | 7,986,950 | 3,598,856 | 45 |
| Tamarack | 28,249 | 10,327 | 37 | ..... | ..... | ..... | 4,024,919 | 2,020,109 | 50 |
| Cypress | 100,879 | 41,075 | 41 | 6,797 | 3,652 | 54 | 3,456,702 | 1,519,326 | 44 |
| Hemlock | 25,063 | 9,501 | 38 | ..... | ..... | ..... | 3,120,000 | 1,178,996 | 38 |
| Western yellow pine | 8,063 | 3,799 | 47 | 14,961 | 5,506 | 37 | 3,092,948 | 1,573,008 | 51 |
| Redwood | 810,412 | 158,607 | 51 | 20,350 | 11,866 | 58 | 871,906 | 443,066 | 51 |
| White pine | 15,934 | 9,972 | 63 | 2,493 | 1,072 | 43 | 706,861 | 335,724 | 47 |
| Lodgepole pine | ..... | ..... | ..... | ..... | ..... | ..... | 517,309 | 246,299 | 48 |
| Gum | ..... | ..... | ..... | ..... | ..... | ..... | 261,551 | 116,631 | 45 |
| Beech | ..... | ..... | ..... | ..... | ..... | ..... | 192,848 | 85,447 | 44 |
| All other | 37,276 | 20,749 | 56 | 5,523 | 2,476 | 45 | 2,346,556 | 902,091 | 38 |
| Total | 4,592,195 | 2,275,875 | 50 | 1,833,173 | 996,834 | 54 | 112,463,449 | 56,280,568 | 50 |

**No. 84.—PRODUCTION OF TURPENTINE:** QUANTITY AND VALUE, CALENDAR YEARS 1907 AND 1908, BY STATES.

[From the records of the Forest Service, Department of Agriculture.]

| State. | 1907 | | 1908 | |
|---|---|---|---|---|
| | *Gallons.* | *Dollars.* | *Gallons.* | *Dollars.* |
| Alabama | 3,544,300 | 1,895,850 | 3,744,050 | 1,444,100 |
| Florida | 15,572,700 | 8,329,850 | 17,030,300 | 6,568,600 |
| Georgia | 10,119,500 | 5,412,900 | 10,347,800 | 3,991,150 |
| Louisiana | 1,134,100 | 606,650 | 1,696,250 | 654,250 |
| Mississippi | 2,232,500 | 1,194,150 | 2,277,850 | 878,550 |
| North Carolina | 916,400 | 490,200 | 732,300 | 282,450 |
| South Carolina | 586,950 | 313,950 | 559,800 | 215,900 |
| Texas | 74,350 | 39,750 | 200,050 | 77,400 |
| Total | 34,180,800 | 18,283,300 | 36,589,000 | 14,112,400 |

**No. 85.—PRODUCTION OF ROSIN:** QUANTITY AND VALUE, CALENDAR YEARS 1907 AND 1908, BY STATES.

[From the records of the Forest Service, Department of Agriculture.]

| State. | 1907 | | 1908 | |
|---|---|---|---|---|
| | *Barrels.*[a] | *Dollars.* | *Barrels.*[a] | *Dollars.* |
| Alabama | 418,496 | 1,812,100 | 446,909 | 1,853,350 |
| Florida | 1,774,370 | 7,683,000 | 1,932,114 | 8,012,500 |
| Georgia | 1,173,575 | 5,081,600 | 1,203,059 | 4,989,100 |
| Louisiana | 126,346 | 547,100 | 195,804 | 812,000 |
| Mississippi | 255,307 | 1,105,500 | 277,704 | 1,151,650 |
| North Carolina | 168,561 | 729,850 | 131,907 | 547,000 |
| South Carolina | 75,057 | 325,000 | 72,125 | 299,100 |
| Texas | 7,609 | 32,950 | 28,661 | 118,850 |
| Total | 3,999,321 | 17,317,100 | 4,288,283 | 17,783,550 |

[a] Of 280 pounds.

## No. 86.—POLES PURCHASED BY STEAM RAILROAD, ELECTRIC RAILROAD, AND ELECTRIC LIGHT AND POWER AND TELEPHONE AND TELEGRAPH COMPANIES: KINDS, NUMBER, AND VALUE, CALENDAR YEARS 1907 AND 1908.

[Compiled by the Bureau of the Census, Department of Commerce and Labor, in cooperation with the Forest Service, Department of Agriculture.]

STEAM RAILROAD COMPANIES.

| Kind of wood. | 1907 | | | 1908 | | |
|---|---|---|---|---|---|---|
| | Number. | Cost at point of purchase. | Average cost per pole. | Number. | Cost at point of purchase. | Average cost per pole. |
| | | *Dollars.* | *Dollars.* | | *Dollars.* | *Dollars.* |
| Cedar | 132,985 | 325,899 | 2.45 | 45,519 | 88,279 | 1.94 |
| Chestnut | 39,077 | 91,087 | 2.33 | 16,740 | 29,267 | 1.75 |
| Oak | 7,681 | 32,470 | 4.23 | 10,816 | 38,578 | 3.57 |
| Pine | 80,928 | 277,300 | 3.43 | 55,386 | 233,056 | 4.21 |
| Cypress | 6,251 | 7,733 | 1.24 | 11,018 | 15,852 | 1.44 |
| Juniper | 1,365 | 1,270 | 0.93 | 2,053 | 1,322 | 0.64 |
| Douglas fir | 5,820 | 27,472 | 4.72 | 7,039 | 61,788 | 8.78 |
| Spruce | 3,796 | 9,016 | 2.38 | 3,294 | 14,693 | 4.46 |
| All other | 16,885 | 56,523 | 3.35 | 3,553 | 18,869 | 5.31 |
| Total | 294,788 | 828,776 | 2.81 | 155,418 | 501,704 | 3.23 |

ELECTRIC RAILROAD AND ELECTRIC LIGHT AND POWER COMPANIES.[a]

| | | | | | | |
|---|---|---|---|---|---|---|
| Cedar | 346,813 | 1,920,428 | 5.54 | 285,089 | 1,108,976 | 3.88 |
| Chestnut | 187,077 | 762,626 | 4.08 | 166,050 | 625,624 | 3.77 |
| Oak | 2,347 | 4,715 | 2.01 | 2,523 | 3,638 | 1.44 |
| Pine | 26,969 | 134,748 | 5.00 | 19,919 | 94,687 | 4.75 |
| Cypress | 71,136 | 275,594 | 3.87 | 30,619 | 84,663 | 2.77 |
| Juniper | 19,093 | 77,493 | 4.06 | 14,087 | 45,136 | 3.20 |
| Tamarack | 1,057 | 3,632 | 3.44 | 1,847 | 5,208 | 2.82 |
| Douglas fir | 3,408 | 9,284 | 2.72 | 3,766 | 8,366 | 2.22 |
| Redwood | 6,586 | 37,852 | 5.75 | 2,918 | 15,061 | 5.16 |
| Locust | 74 | 142 | 1.92 | 37 | 60 | 1.62 |
| Spruce | 4,981 | 17,539 | 3.52 | 1,821 | 5,018 | 2.76 |
| All other | 7,283 | 31,920 | 4.38 | 2,221 | 5,062 | 2.28 |
| Total | 676,829 | 3,275,973 | 4.84 | 531,497 | 2,001,499 | 3.77 |

[a] An error made in collecting the statistics of this group for 1907 has been corrected, therefore the figures do not agree with the published report for that year.

**No. 86.**—Poles Purchased by Steam Railroad, Electric Railroad, and Electric Light and Power and Telephone and Telegraph Companies: Kinds, Number, and Value, Calendar Years 1907 and 1908—Continued.

TELEPHONE AND TELEGRAPH COMPANIES.

| Kind of wood. | 1907 | | | 1908 | | |
|---|---|---|---|---|---|---|
| | Number. | Cost at point of purchase. | Average cost per pole. | Number. | Cost at point of purchase. | Average cost per pole. |
| | | *Dollars.* | *Dollars.* | | *Dollars.* | *Dollars.* |
| Cedar | 1,629,679 | 2,956,290 | 1.81 | 1,868,931 | 2,583,718 | 1.38 |
| Chestnut | 404,128 | 766,072 | 1.90 | 333,259 | 572,382 | 1.72 |
| Oak | 66,422 | 23,100 | 0.35 | 147,363 | 52,816 | 0.36 |
| Pine | 48,063 | 47,497 | 0.99 | 41,444 | 54,967 | 1.33 |
| Cypress | 22,931 | 24,647 | 1.07 | 48,942 | 47,555 | 0.97 |
| Juniper | 18,402 | 30,457 | 1.65 | 26,227 | 36,943 | 1.41 |
| Tamarack | 12,827 | 6,615 | 0.52 | 19,161 | 9,607 | 0.50 |
| Douglas fir | 6,691 | 3,964 | 0.59 | 8,737 | 9,870 | 1.13 |
| Bois d'arc | 5,962 | 2,862 | 0.48 | 18,099 | 11,250 | 0.62 |
| Redwood | 8,052 | 15,313 | 1.90 | 9,828 | 22,594 | 2.30 |
| Locust | 4,598 | 3,580 | 0.78 | 10,187 | 8,173 | 0.80 |
| Spruce | 1,869 | 2,384 | 1.28 | 2,973 | 3,425 | 1.15 |
| All other | 81,917 | 94,238 | 1.15 | 27,088 | 12,321 | 0.45 |
| Total | 2,311,651 | 3,977,019 | 1.72 | 2,562,239 | 3,425,621 | 1.34 |

ALL COMPANIES.

| | | | | | | |
|---|---|---|---|---|---|---|
| Cedar | 2,109,477 | 5,202,617 | 2.47 | 2,200,139 | 3,780,973 | 1.72 |
| Chestnut | 630,282 | 1,619,785 | 2.57 | 516,049 | 1,227,273 | 2.38 |
| Oak | 76,450 | 60,285 | 0.79 | 160,702 | 95,032 | 0.59 |
| Pine | 155,960 | 459,545 | 2.95 | 116,749 | 382,710 | 3.28 |
| Cypress | 100,368 | 307,974 | 3.07 | 90,579 | 148,070 | 1.63 |
| Juniper | 38,925 | 109,226 | 2.81 | 42,367 | 83,401 | 1.97 |
| Tamarack | 13,884 | 10,247 | 0.74 | 24,123 | 32,212 | 1.34 |
| Douglas fir | 15,919 | 40,720 | 2.56 | 19,542 | 80,024 | 4.09 |
| Bois d'arc | 5,962 | 2,862 | 0.48 | 18,109 | 11,261 | 0.62 |
| Redwood | 31,469 | 109,478 | 3.48 | 13,061 | 38,849 | 2.97 |
| Locust | 4,672 | 3,722 | 0.80 | 10,224 | 8,233 | 0.81 |
| Spruce | 10,046 | 28,939 | 2.72 | 8,083 | 23,136 | 2.86 |
| All other | 89,254 | 126,368 | 1.42 | 29,422 | 17,650 | 0.60 |
| Total | 3,283,268 | 8,081,768 | 2.46 | 3,249,154 | 5,928,824 | 1.82 |

## No. 87.—PRODUCTION OF SHINGLES, CALENDAR YEAR 1908: BY STATES AND BY SPECIES.

[Compiled by the Bureau of the Census, Department of Commerce and Labor, in cooperation with the Forest Service, Department of Agriculture.]

| State. | Thousands. | Per cent. | Total value. | Value per M. | Species. | Thousands. | Per cent. | Total value. | Value per M. |
|---|---|---|---|---|---|---|---|---|---|
| | | | *Dollars.* | *Dolls.* | | | | *Dollars.* | *Dolls.* |
| Arkansas | 156,1 1 | 1.3 | 339,234 | 2.17 | Cedar | 9,180,178 | 75.8 | 17,169,752 | 1.87 |
| California | 465,718 | 3.8 | 896,243 | 1.92 | Chestnut | 72,641 | .6 | 256,206 | 3.53 |
| Florida | 156,291 | 1.3 | 402,888 | 2.58 | Cypress | 1,155,041 | 9.5 | 3,006,725 | 2.60 |
| Georgia | 302,633 | 2.5 | 668,748 | 2.21 | Hemlock | 79,231 | .7 | 212,952 | 2.69 |
| Louisiana | 668,729 | 5.5 | 1,684,401 | 2.52 | Oak | 17,720 | .1 | 48,831 | 2.76 |
| Maine | 468,901 | 3.9 | 1,084,834 | 2.31 | Redwood | 443,165 | 3.7 | 824,287 | 1.86 |
| Michigan | 905,555 | 7.5 | 1,996,007 | 2.20 | Spruce | 123,718 | 1.0 | 302,463 | 2.44 |
| Oregon | 246,721 | 2.0 | 447,804 | 1.81 | White pine | 175,969 | 1.5 | 408,139 | 2.32 |
| Washington | 7,288,361 | 60.2 | 12,900,581 | 1.77 | Yellow pine | 794,637 | 6.6 | 1,799,435 | 2.26 |
| Wisconsin | 822,096 | 2.7 | 673,428 | 2.09 | All other | 64,183 | .5 | 149,700 | 2.33 |
| All other | 1,125,297 | 9.3 | 3,084,322 | 2.74 | Total | 12,106,483 | 100 | 24,178,490 | 2.00 |
| Total | 12,106,483 | 100 | 24,178,490 | 2.00 | | | | | |

## No. 88.—PRODUCTION AND AVERAGE MILL VALUE OF LUMBER, CALENDAR YEARS 1899, 1904, AND 1908: BY PRINCIPAL SPECIES.

[Compiled by the Bureau of the Census, Department of Commerce and Labor, in cooperation with the Forest Service, Department of Agriculture.]

| Species. | 1899 | | 1904 | | 1908 | | |
|---|---|---|---|---|---|---|---|
| | Quantity. | Average value per M feet.[a] | Quantity. | Average value per M feet.[a] | Quantity. | Value. | Average value per M feet.[a] |
| | *M feet.*[a] | *Dollars.* | *M feet.*[a] | *Dollars.* | *M feet.*[a] | *Dollars.* | *Dollars.* |
| Ash | 269,120 | 15.84 | 169,178 | 18.77 | 225,367 | 5,748,008 | 25.51 |
| Basswood | 308,069 | 12.84 | 228,041 | 16.86 | 319,505 | 6,549,184 | 20.50 |
| Beech | (b) | (b) | (b) | (b) | 410,072 | 5,536,474 | 13.50 |
| Birch | 132,601 | 12.50 | 224,009 | 15.44 | 386,367 | 6,343,363 | 16.42 |
| Cedar | 232,978 | 10.91 | 223,035 | 14.35 | 272,764 | 4,919,244 | 18.03 |
| Chestnut | 206,688 | 13.37 | 213,537 | 13.78 | 539,341 | 8,773,401 | 16.27 |
| Cottonwood | 415,124 | 10.37 | 321,574 | 14.92 | 232,475 | 4,129,140 | 17.76 |
| Cypress | 495,836 | 13.32 | 749,592 | 17.50 | 743,297 | 15,831,141 | 21.30 |
| Douglas fir | 1,736,507 | 8.67 | 2,923,409 | 9.51 | 3,675,114 | 43,973,111 | 11.97 |
| Elm | 456,731 | 11.47 | 258,330 | 14.45 | 273,845 | 5,038,000 | 18.40 |
| Hemlock | 3,420,673 | 9.98 | 3,263,767 | 11.91 | 2,530,843 | 34,544,876 | 13.65 |
| Maple | 633,466 | 11.83 | 587,558 | 14.94 | 874,983 | 14,265,284 | 16.30 |
| Oak | 4,438,027 | 13.78 | 2,902,855 | 17.51 | 2,771,511 | 58,841,604 | 21.23 |
| Poplar | 1,115,242 | 14.03 | 853,554 | 18.99 | 654,122 | 16,552,147 | 25.30 |
| Red gum | 235,417 | 9.63 | 523,990 | 10.87 | 589,347 | 7,706,249 | 13.08 |
| Redwood | 369,167 | 10.12 | 519,267 | 12.83 | 404,802 | 6,339,199 | 15.66 |
| Spruce | 1,448,091 | 11.27 | 1,303,886 | 14.03 | 1,411,992 | 22,940,329 | 16.25 |
| Western pine | 944,560 | 9.70 | 1,290,526 | 11.30 | 1,275,550 | 19,174,794 | 15.03 |
| White pine[c] | 7,483,283 | 12.69 | 5,332,704 | 14.93 | 3,344,921 | 60,767,318 | 18.17 |
| Yellow pine | 2,658,548 | 8.46 | 11,521,781 | 9.96 | 11,236,372 | 142,297,078 | 12.66 |
| All other | 739,385 | ..... | 634,526 | ..... | 1,051,779 | 20,305,878 | 19.30 |
| Total | 34,780,513 | 11.08 | 34,135,139 | 12.76 | 33,224,369 | 510,575,822 | 15.37 |

[a] See explanation of terms, page 20. [b] Not separately reported. [c] Includes Norway pine.

## No. 89.—PRODUCTION OF LUMBER, CALENDAR YEARS 1880, 1890, 1900, 1907, AND 1908, WITH TOTAL VALUES AND VALUE PER M FEET[a] IN 1908: BY STATES.

[Compiled by the Bureau of the Census, Department of Commerce and Labor, in cooperation with the Forest Service, Department of Agriculture.]

| State. | 1880 | 1890 | 1900 | 1907 | 1908 | | |
|---|---|---|---|---|---|---|---|
| | | | | | M feet.[a] | Total value. | Value per M feet. |
| | *M feet.*[a] | *M feet.*[a] | *M feet.*[a] | *M feet.*[a] | | *Dollars.* | *Dollars.* |
| Alabama | 251,851 | 586,143 | 1,096,539 | 1,224,967 | 1,152,079 | 15,585,094 | 13.53 |
| Arizona | (b) | (b) | (b) | 72,134 | 43,287 | 587,366 | 13.57 |
| Arkansas | 172,503 | 526,091 | 1,595,933 | 1,988,504 | 1,656,991 | 25,067,804 | 15.13 |
| California | 304,795 | 515,823 | 734,232 | 1,345,943 | 996,115 | 15,211,055 | 15.27 |
| Colorado | (b) | (b) | (b) | 134,239 | 117,036 | 1,563,443 | 13.36 |
| Connecticut | (b) | (b) | (b) | 140,011 | 137,855 | 2,352,186 | 17.06 |
| Delaware | (b) | (b) | (b) | 50,892 | 41,184 | 566,789 | 13.76 |
| Florida | 247,627 | 411,436 | 788,905 | 839,058 | 730,906 | 10,482,248 | 14.34 |
| Georgia | 451,788 | 572,970 | 1,308,610 | 853,697 | 904,668 | 11,169,853 | 12.35 |
| Idaho | 18,204 | 27,800 | 65,331 | 513,788 | 518,625 | 7,512,062 | 14.48 |
| Illinois | (b) | (b) | (b) | 141,317 | 123,319 | 2,518,613 | 20.42 |
| Indiana | 915,943 | 707,115 | 977,878 | 504,790 | 411,863 | 10,381,039 | 25.20 |
| Iowa | (b) | (b) | (b) | 144,271 | 97,242 | 1,914,195 | 19.68 |
| Kentucky | 305,684 | 420,820 | 765,343 | 912,908 | 658,539 | 14,216,648 | 21.59 |
| Louisiana | 133,472 | 303,591 | 1,113,423 | 2,972,119 | 2,722,421 | 38,689,159 | 14.21 |
| Maine | 566,656 | 564,243 | 756,515 | 1,103,803 | 929,350 | 14,958,207 | 16.10 |
| Maryland | (b) | (b) | (b) | 213,786 | 168,534 | 2,528,684 | 15.00 |
| Massachusetts | 205,241 | 208,655 | 342,058 | 364,231 | 384,526 | 6,157,663 | 16.01 |
| Michigan | 4,172,572 | 4,245,717 | 3,012,057 | 1,827,685 | 1,478,252 | 22,967,344 | 15.54 |
| Minnesota | 563,974 | 1,079,403 | 2,341,619 | 1,660,716 | 1,286,122 | 22,546,150 | 17.53 |
| Mississippi | 168,747 | 452,797 | 1,202,334 | 2,094,485 | 1,861,016 | 27,919,256 | 15.00 |
| Missouri | 399,744 | 395,755 | 715,968 | 548,774 | 458,938 | 8,208,729 | 17.89 |
| Montana | (b) | (b) | (b) | 343,814 | 311,533 | 4,170,879 | 13.39 |
| New Hampshire | 292,267 | 266,890 | 562,258 | 754,023 | 606,760 | 9,531,977 | 15.71 |
| New Jersey | (b) | (b) | (b) | 39,942 | 34,930 | 751,454 | 21.51 |
| New Mexico | (b) | (b) | (b) | 113,204 | 79,439 | 1,597,296 | 20.11 |
| New York | 1,184,220 | 909,990 | 874,754 | 848,894 | 781,391 | 15,701,934 | 20.09 |
| North Carolina | 241,822 | 509,436 | 1,278,399 | 1,622,387 | 1,136,796 | 15,598,026 | 13.72 |
| Ohio | 910,832 | 541,076 | 957,239 | 529,087 | 459,259 | 10,676,293 | 23.25 |
| Oklahoma | (b) | (b) | (b) | 140,015 | 158,756 | 1,999,119 | 12.59 |
| Oregon | 177,171 | 444,565 | 734,181 | 1,635,563 | 1,468,158 | 18,010,585 | 12.27 |
| Pennsylvania | 1,733,844 | 2,113,267 | 2,321,284 | 1,734,729 | 1,203,041 | 21,110,940 | 17.55 |
| Rhode Island | (b) | (b) | (b) | 32,855 | 30,528 | 504,763 | 16.53 |
| South Carolina | 185,772 | 197,940 | 466,109 | 649,058 | 560,888 | 7,786,838 | 13.88 |
| South Dakota | (b) | (b) | (b) | 34,841 | 25,859 | 446,342 | 17.26 |
| Tennessee | 302,673 | 450,097 | 939,463 | 894,968 | 730,642 | 15,566,704 | 19.69 |
| Texas | 328,968 | 839,724 | 1,230,904 | 2,229,590 | 1,524,008 | 18,268,492 | 12.05 |
| Utah | (b) | (b) | (b) | 14,690 | 15,059 | 219,688 | 14.58 |
| Vermont | (b) | (b) | (b) | 373,660 | 304,017 | 4,917,350 | 16.17 |
| Virginia | 315,959 | 409,804 | 956,169 | 1,412,477 | 1,198,725 | 17,626,882 | 14.70 |
| Washington | 160,176 | 1,061,560 | 1,428,205 | 3,777,606 | 2,915,928 | 37,090,925 | 12.72 |
| West Virginia | 180,112 | 299,709 | 773,583 | 1,395,979 | 1,097,015 | 19,348,855 | 17.64 |
| Wisconsin | 1,542,021 | 2,817,200 | 3,361,943 | 2,003,279 | 1,613,315 | 26,064,561 | 16.16 |
| Wyoming | (b) | (b) | (b) | 17,479 | 18,822 | 243,701 | 12.95 |
| All other | 1,652,735 | 1,615,236 | 2,079,277 | 5,891 | 10,627 | 138,668 | 13.05 |
| Total | 18,087,356 | 23,494,853 | 34,780,513 | 40,256,154 | 33,224,369 | 510,575,822 | 15.37 |

[a] See explanation of terms, page 20.

[b] Included in "All other."

**No. 90.—PRODUCTS OF THE FISHERIES OF THE UNITED STATES:** By Species and Geographical Sections, for Specified Calendar Years.[a]

[Prepared by the Bureau of Fisheries, Department of Commerce and Labor.]

| Species. | New England States (1905). | | Middle Atlantic States (1904). | | South Atlantic States (1902). | | Gulf States (1902). | | Pacific Coast States (1904). | |
|---|---|---|---|---|---|---|---|---|---|---|
| | *Pounds.* | *Dollars.* | *Pounds.* | *Dollars.* | *Pounds.* | *Dollars.* | *Pounds.* | *Dollars.* | *Pounds.* | *Dollars.* |
| Alewives | 8,743,284 | 92,957 | 31,717,124 | 262,596 | 11,601,172 | 118,258 | | | | |
| Barracuda | | | | | 1,000 | 50 | 34,435 | 1,203 | 2,159,282 | 51,820 |
| Black basses | | | 168,170 | 14,667 | 948,235 | 70,524 | 84,730 | 5,865 | 93,500 | 2,910 |
| Blue-fish | 323,592 | 23,667 | 14,795,651 | 707,844 | 1,057,642 | 37,856 | 398,775 | 12,435 | | |
| Bonito | 73,470 | 3,457 | 925,136 | 37,614 | 10,326 | 244 | 10,100 | 503 | 212,062 | 3,075 |
| Buffalo-fish | | | | | | | 3,006,610 | 26,556 | | |
| Butter-fish | 451,322 | 23,523 | 3,646,683 | 113,835 | 83,218 | 1,357 | 3,140 | 46 | | |
| Cat-fish | 104,265 | 1,459 | 1,422,886 | 62,676 | 1,310,392 | 30,976 | 2,415,315 | 72,991 | 923,144 | 27,292 |
| Cod | 75,065,224 | 1,994,572 | 2,433,460 | 106,547 | | | | | 7,694,944 | 193,966 |
| Crappie and strawberry bass | | | | | 223,606 | 5,226 | 29,900 | 1,928 | | |
| Croakers | | | 4,376,040 | 79,584 | 1,991,053 | 40,021 | 543,810 | 19,326 | 121,340 | 3,145 |
| Cusk | 9,079,866 | 139,964 | | | | | | | | |
| Drum, fresh-water | | | | | | | 5,550 | 131 | | |
| Drum, salt-water | | | 453,080 | 4,342 | 583,394 | 14,453 | 3,026,756 | 90,260 | | |
| Eels | 1,266,287 | 77,151 | 1,858,266 | 114,941 | 512,411 | 20,068 | | | | |
| Flounders | 5,761,473 | 151,756 | 3,160,316 | 118,688 | 315,642 | 6,783 | 438,741 | 17,959 | 8,418,145 | 155,512 |
| German carp | 1,267 | 96 | 1,229,320 | 75,033 | 96,509 | 3,616 | 1,175 | 33 | 90,374 | 1,607 |
| Haddock | 76,617,156 | 1,240,812 | 448,285 | 17,951 | | | | | | |
| Hakes | 35,470,667 | 407,307 | 457,960 | 12,077 | | | | | | |
| Halibut | 3,715,776 | 237,876 | | | | | | | 12,091,000 | 358,930 |
| Herrings | 83,390,554 | 692,854 | | | | | | | 1,976,612 | 19,596 |
| Mackerel | 15,981,034 | 1,084,781 | 342,578 | 21,960 | | | | | 134,992 | 3,666 |
| Menhaden | 31,775,378 | 81,971 | 511,777,571 | 1,338,621 | 18,862,000 | 31,420 | 12,500 | 50 | | |
| Mullets | | | 324,935 | 10,183 | 14,310,808 | 256,348 | 27,098,435 | 442,536 | 12,952 | 423 |
| Perch, white | 70,868 | 4,493 | 1,658,845 | 93,596 | 945,050 | 62,786 | | | | |
| Perch, yellow | 10,000 | 800 | 471,893 | 19,108 | 105,992 | 5,639 | | | | |
| *Pike perches* | | | | | 31,200 | 1,505 | | | | |
| Pike and pickerel | 3,002 | 248 | 92,382 | 7,459 | | | 58,975 | 2,338 | | |
| Pollock | 28,949,359 | 303,687 | 83,734 | 1,749 | | | | | | |
| Pompano | | | 48,140 | 3,445 | 289,321 | 23,300 | 533,344 | 30,160 | 33,850 | 4,502 |
| Rock-fish | | | | | | | | | 1,896,467 | 63,409 |
| Salmons | 86,332 | 20,143 | 36 | 18 | | | | | 104,291,045 | 3,423,850 |
| Scup | 6,587,351 | 166,082 | 2,629,380 | 84,228 | | | | | | |
| Sea bass | 438,761 | 24,239 | 2,953,362 | 122,103 | 873,095 | 36,420 | 17,095 | 457 | | |
| Shads | 1,260,904 | 87,670 | 16,954,738 | 995,140 | 9,849,338 | 605,539 | 150 | 3 | 489,505 | 13,146 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sheepshead | | | 23,401 | 1,185 | 635,880 | 18,285 | 1,974,815 | 48,590 | | |
| Silver hake | 4,812,840 | 25,563 | 737,095 | 12,308 | | | | | 2,757,702 | 79,748 |
| Smelts | 618,705 | 67,851 | 10,155 | 1,859 | | | | | | |
| Snappers, red | | | | | 155,100 | 8,203 | 13,608,553 | 410,157 | | |
| Snappers, other | | | | | 42,543 | 977 | 358,806 | 10,442 | | |
| Spanish mackerel | 114 | 20 | 368,204 | 41,470 | 1,013,172 | 54,322 | 1,583,891 | 64,458 | 708,465 | 11,704 |
| Spot | | | 940,930 | 40,978 | 926,946 | 21,425 | 155,600 | 3,356 | | |
| Squeteagues | 8,609,180 | 200,890 | 25,548,484 | 669,482 | 4,848,269 | 190,380 | 4,789,047 | 173,207 | 988,524 | 31,548 |
| Striped bass | 75,573 | 9,209 | 1,338,081 | 136,143 | 1,187,700 | 114,574 | | | 1,570,404 | 92,116 |
| Sturgeons | 20,554 | 1,045 | 676,996 | 41,763 | 218,075 | 11,209 | 467,391 | 13,662 | 137,981 | 4,271 |
| Sturgeon caviar | 707 | 467 | 60,317 | 49,945 | 20,780 | 13,284 | 11,105 | 5,336 | | |
| Suckers | 65,833 | 2,509 | 211,443 | 9,584 | 169,350 | 4,899 | 4,800 | 372 | | |
| Sun-fish | 2,593 | 140 | 44,498 | 1,798 | 660,514 | 14,685 | 44,050 | 2,134 | 11,343 | 554 |
| Sword-fish | 3,296,369 | 204,637 | 15,000 | 930 | | | | | | |
| Tautog | 634,761 | 21,918 | 210,345 | 6,327 | 2,650 | 53 | | | | |
| Trouts | | | | | | | | | 3,017,476 | 125,274 |
| Whiting and kingfish | 2,925 | 446 | 169,206 | 12,250 | 866,355 | 39,778 | 140,164 | 3,633 | | |
| Other fish | 1,634,147 | 28,908 | 1,637,314 | 30,351 | 1,568,554 | 58,673 | 3,405,402 | 92,204 | 3,689,584 | 71,902 |
| Crabs | 79,840 | 2,320 | 31,975,446 | 674,633 | 385,707 | 18,950 | 1,696,994 | 27,942 | 6,079,906 | 181,829 |
| Lobsters | 11,524,499 | 1,319,107 | 373,637 | 45,614 | | | | | | |
| Spiny lobsters | | | | | | | | | 1,078,065 | 43,466 |
| Crawfish | | | | | | | | | 187,200 | 12,480 |
| Shrimp and prawn | 2,000 | 500 | 7,349 | 2,225 | 3,810,641 | 86,640 | 71,664 | 3,897 | 1,311,750 | 93,544 |
| Squid | 945,400 | 12,485 | 178,969 | 4,822 | | | 12,366,915 | 198,979 | 251,360 | 10,054 |
| Clams | [b] 7,984,614 | 744,581 | 6,923,420 | 1,018,653 | 1,415,440 | 100,752 | 800 | 100 | 1,174,588 | 95,133 |
| Oysters | 33,220,194 | 3,961,785 | 125,066,711 | 11,547,629 | 22,719,074 | 644,478 | 34,115,935 | 1,263,689 | 2,665,696 | 1,031,523 |
| Scallops | 680,337 | 151,032 | 892,794 | 145,646 | 13,020 | 980 | | | 28,215 | 1,764 |
| Mussels | | | 1,551,850 | 6,705 | | | 563,956 | 50,060 | 28,095 | 2,616 |
| Terrapin and turtles | | | 172,455 | 13,939 | 120,524 | 30,587 | 346,889 | 364,422 | | |
| Sponges | | | | | | | | | | |
| Oil, fish | 26,325 | 856 | | | | | | | 325,357 | 17,917 |
| Oil, whale | 3,933,554 | 246,565 | | | | | | | | |
| Oil, sea elephant | 590,625 | 25,000 | | | | | | | 94,514 | 415,374 |
| Whalebone | 55,950 | 193,037 | | | | | | | | |
| Ambergris | 94 | 16,900 | | | | | | | | |
| Alligator hides | | | | | 100,667 | 13,538 | 249,240 | 27,241 | | |
| Otter skins | | | | | 2,927 | 17,352 | 356 | 1,015 | | |
| Seaweeds | 841,000 | 34,120 | | | | | | | 59,320 | 2,267 |
| Oyster and other shells | 14,142,600 | 14,194 | 5,832,000 | 4,512 | 20 | 50 | 495 | 1,732 | 8,736 | 218 |
| Other products | 1,255,079 | 35,955 | 2,466,000 | 22,315 | 1,560,290 | 3,170 | 15,615 | 2,788 | 1,786,187 | 28,775 |
| Total | 480,283,604 | 14,184,205 | 811,857,062 | 18,963,976 | 106,446,072 | 2,849,633 | 113,696,970 | 3,494,196 | 168,599,676 | 6,680,866 |

[a] In this table the products of the fisheries are given in weight and value as sold by the fishermen, except that the canned salmon for Alaska is included at net weight (48 pounds to a case) and at its value after being canned. The weight of clams, oysters, and other shellfish is for the soft or edible part. For information with respect to 1908, see following table.

[b] Includes razor clams, 40,500 pounds, value $1,620.

**No. 90.—PRODUCTS OF THE FISHERIES OF THE UNITED STATES, BY SPECIES AND GEOGRAPHICAL SECTIONS, ETC.—Continued.**

| Species. | Mississippi River and tributaries (1903). | | Great Lakes (1903). | | Minor interior waters (1900–1903). | | Alaska (1908).[a] | |
|---|---|---|---|---|---|---|---|---|
| | *Pounds.* | *Dollars.* | *Pounds.* | *Dollars.* | *Pounds.* | *Dollars.* | *Pounds.* | *Dollars.* |
| Black bass | 431,170 | 35,856 | 38,737 | 2,694 | 175,029 | 18,025 | | |
| Buffalo-fish | 11,491,663 | 312,303 | 2,002 | 45 | 33,866 | 1,493 | | |
| Catfish | 5,191,850 | 277,272 | 751,833 | 27,884 | 598,318 | 30,979 | | |
| Crappie and strawberry bass | 1,118,770 | 53,224 | | | 25,030 | 810 | | |
| Drum, fresh-water | 2,748,743 | 81,211 | 746,021 | 5,700 | 12,567 | 899 | | |
| Eels | 74,210 | 5,016 | 75,583 | 4,347 | 29,209 | 2,046 | | |
| Flounders | | | | | | | 7,500 | 225 |
| German carp | 12,270,346 | 278,556 | 4,237,643 | 71,285 | 1,016,129 | 12,029 | | |
| Herrings | | | | | | | 2,097,350 | 23,650 |
| Herring, lake | | | 32,157,329 | 815,428 | 20,360 | 618 | | |
| Paddlefish | 1,421,086 | 45,906 | | | | | | |
| Paddlefish caviar | 11,171 | 7,659 | | | | | | |
| Perch, yellow | 73,447 | 1,725 | 6,201,723 | 139,670 | 217,715 | 15,332 | | |
| Pike perches | 398,668 | 20,260 | 9,997,924 | 407,367 | 471,812 | 28,843 | | |
| Pike and pickerel | 707,093 | 26,296 | 300,076 | 15,698 | 289,742 | 27,683 | | |
| Pollock | | | | | | | 2,700 | 108 |
| Salmons | | | | | 125,858 | 5,629 | 198,952,814 | 10,671,648 |
| Shads | 8,750 | 875 | | | | | | |
| Smelts | | | | | 23,600 | 2,720 | 1,504 | 66 |
| Sturgeons | 941,497 | 31,313 | 618,575 | 39,794 | 65,329 | 5,888 | | |
| Sturgeon caviar | | | 20,323 | 13,223 | 1,582 | 1,154 | | |
| Suckers | 1,109,276 | 32,672 | 6,694,040 | 121,576 | 1,283,897 | 24,692 | | |
| Sunfish | 1,221,752 | 30,305 | 84,271 | 1,881 | 19,498 | 1,109 | | |
| Trouts | | | 16,132,107 | 722,542 | 937,177 | 229,322 | 101,781 | 3,748 |
| Whitefish | | | 7,519,615 | 337,866 | 209,146 | 12,320 | 50 | 3 |
| Other fish | 1,293,918 | 19,150 | 325,901 | 7,936 | 37,986 | 2,427 | 127,002 | 4,668 |
| Clams, soft and other | | | | | | | 8,000 | 350 |
| Crawfish | | | 244,464 | 7,897 | | | | |
| Shrimp and prawn | 190,884 | 11,808 | | | | | | |
| Terrapin and turtles | 477,370 | 14,805 | 45,800 | 2,372 | 1,113 | 115 | | |
| Oil, fish | | | | | | | 1,023,750 | 27,000 |
| Oil, whale | | | | | | | 1,232,850 | 49,036 |
| Fur-seal pelts | | | | | | | 92,580 | 459,950 |
| Otter skins | | | | | | | 3,492 | 19,110 |
| Mussel shells | 16 | 40 | | | | | | |
| Crabs | 51,856,430 | [b]530,098 | | | | | 26,400 | 2,775 |
| Whalebone | | | | | | | 63,640 | 202,761 |
| Other products | | | | | | | 2,976,630 | 71,828 |
| | 336,049 | 24,788 | 900 | 296 | 23,300 | 1,796 | | |
| Total | 93,374,159 | 1,841,168 | 86,194,817 | 2,745,501 | 5,618,263 | 425,929 | 206,718,043 | 11,536,926 |

[a] Cod and halibut caught in Alaskan waters are credited to the Pacific coast States whence those fisheries are prosecuted.

[b] Includes $213,451 worth of pearls.

## No. 91.—PRODUCTS OF THE FISHERIES OF THE UNITED STATES:[a] BY SPECIES, CALENDAR YEAR 1908.[b]

[Data of the Bureau of the Census, Department of Commerce and Labor.]

| | Pounds. | Value. |
|---|---|---|
| Alewives | 89,977,965 | $588,520 |
| Black bass | 3,313,392 | 254,643 |
| Bluefish | 7,646,565 | 506,176 |
| Buffalo | 16,728,942 | 498,257 |
| Carp, German | 42,763,100 | 1,135,387 |
| Catfish | 17,817,366 | 784,660 |
| Cod | 109,452,624 | 2,902,877 |
| Flounders | 23,345,854 | 588,017 |
| Haddock | 59,987,373 | 1,308,499 |
| Hake | 34,340,089 | 464,208 |
| Halibut | 34,441,456 | 1,562,005 |
| Herring | 125,050,189 | 796,108 |
| Lake herring | 41,117,851 | 988,765 |
| Mackerel | 12,103,021 | 847,995 |
| Menhaden | 394,776,388 | 893,012 |
| Mullet | 33,702,634 | 907,823 |
| Perch, white | 2,411,553 | 136,617 |
| Perch, yellow | 7,898,354 | 257,793 |
| Pike perches | 15,247,451 | 579,580 |
| Pollock | 29,461,968 | 401,851 |
| Salmon | 90,417,472 | 3,346,830 |
| Sea bass | 6,351,938 | 283,534 |
| Shad | 27,641,074 | 2,113,399 |
| Snappers | 13,854,278 | 650,599 |
| Squeteagues | 49,868,534 | 1,776,408 |
| Striped bass | 3,657,214 | 314,269 |
| Whitefish | 7,722,281 | 524,439 |
| Crabs | 60,625,784 | 938,330 |
| Lobsters | 15,278,913 | 1,931,005 |
| Shrimp | 14,373,587 | 389,598 |
| Clams | [c] 16,982,922 | 1,917,216 |
| Mussel shells | 81,868,734 | [d] 692,087 |
| Oysters | [e] 233,209,476 | 15,713,092 |
| Scallops | 2,414,104 | 317,188 |
| Sponges | 622,482 | 544,876 |
| Whale products | 4,027,718 | 497,355 |
| Miscellaneous | 162,853,646 | 5,677,711 |
| Total | 1,893,454,292 | 54,030,629 |

[a] Exclusive of Alaska.
[b] These statistics are confined to the fishing industry and do not include packing and canning establishments or wholesale fish dealers. For data for preceding years see previous table.
[c] 1,920,803 bushels.
[d] Includes $230,807, value of pearls and slugs.
[e] 33,329,925 bushels.

**No. 92.—FISHERIES OF THE UNITED STATES:[a] NUMBER OF PERSONS EMPLOYED, EQUIPMENT, WITH VALUE AND OTHER CAPITAL, AND VALUE OF PRODUCTS, BY STATES, CALENDAR YEAR 1908.[b]**

[Data of the Bureau of the Census, Department of Commerce and Labor.]

| State. | Number of persons employed. | Vessels. | | Boats. | | Value of apparatus of capture. | Value of accessory property and cash capital. | Value of products. |
|---|---|---|---|---|---|---|---|---|
| | | Number. | Value, including outfit. | Number. | Value. | | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Alabama | 972 | 61 | 130,127 | 670 | 33,900 | 23,083 | 81,603 | 387,218 |
| Arkansas | 908 | 6 | 8,115 | 1,154 | 36,740 | 30,966 | 13,150 | 207,172 |
| California | 4,129 | 60 | 573,322 | 2,121 | 492,680 | 501,621 | 91,300 | 1,969,727 |
| Connecticut | 2,147 | 243 | 994,331 | 1,069 | 117,870 | 83,778 | 1,085,522 | 2,981,721 |
| Delaware | 1,756 | 65 | 334,215 | 792 | 38,100 | 62,691 | 9,456 | 541,204 |
| Florida | 9,212 | 327 | 846,414 | 5,702 | 575,050 | 325,781 | 668,283 | 3,388,690 |
| Georgia | 2,525 | 88 | 89,527 | 2,791 | 79,030 | 54,505 | 185,000 | 700,964 |
| Illinois | 4,439 | 17 | 47,226 | 4,222 | 234,190 | 271,859 | 294,075 | 1,413,242 |
| Indiana | 936 | 2 | 7,700 | 937 | 15,530 | 28,500 | 22,391 | 223,145 |
| Iowa | 786 | ..... | ..... | 832 | 37,510 | 23,879 | 10,518 | 214,555 |
| Kentucky | 555 | ..... | ..... | 511 | 11,120 | 20,890 | 6,561 | 110,297 |
| Louisiana | 5,795 | 222 | 440,536 | 4,469 | 353,920 | 94,550 | 40,056 | 1,568,797 |
| Maine | 6,861 | 575 | 1,006,543 | 6,969 | 662,490 | 576,262 | 165,655 | 3,256,581 |
| Maryland | 18,392 | 1,107 | 1,000,780 | 8,493 | 643,720 | 368,774 | 86,035 | 3,305,673 |
| Massachusetts | 11,577 | 671 | 4,282,316 | 3,694 | 476,850 | 775,309 | 215,041 | 7,095,229 |
| Michigan | 3,472 | 110 | 327,232 | 1,647 | 266,770 | 820,020 | 598,591 | 1,473,055 |
| Minnesota | 934 | 4 | 16,054 | 689 | 35,760 | 42,849 | 32,685 | 191,946 |
| Mississippi | 2,037 | 206 | 372,434 | 1,144 | 45,660 | 57,646 | 46,246 | 556,174 |
| Missouri | 906 | ..... | ..... | 785 | 25,350 | 39,098 | 27,864 | 293,479 |
| New Jersey | 7,231 | 435 | 709,401 | 3,843 | 390,580 | 344,528 | 269,496 | 3,068,586 |
| New York | 6,775 | 643 | 1,749,961 | 3,131 | 307,610 | 361,808 | 1,412,603 | 4,593,702 |
| North Carolina | 9,681 | 299 | 281,838 | 4,984 | 251,460 | 367,426 | 369,529 | 1,776,023 |
| Ohio | 2,054 | 54 | 214,879 | 1,083 | 140,900 | 423,076 | 342,980 | 839,581 |
| Oregon | 4,772 | 44 | 140,405 | 2,312 | 367,350 | 795,488 | 64,750 | 1,356,460 |
| Pennsylvania | 1,250 | 66 | 254,301 | 333 | 26,060 | 113,972 | 87,100 | 513,110 |
| Rhode Island | 1,493 | 138 | 514,538 | 815 | 132,520 | 229,881 | 627,483 | 1,751,819 |
| South Carolina | 2,559 | 108 | 50,336 | 1,719 | 42,030 | 16,201 | 5,350 | 288,328 |
| Tennessee | 427 | ..... | ..... | 399 | 9,360 | 27,264 | 13,301 | 111,856 |
| Texas | 1,780 | 157 | 269,337 | 991 | 117,400 | 41,250 | 26,344 | 445,889 |
| Virginia | 20,066 | 946 | 1,332,104 | 10,942 | 733,360 | 484,597 | 433,548 | 4,715,744 |
| Washington | 4,954 | 190 | 1,593,562 | 2,798 | 376,820 | 1,161,669 | 309,235 | 3,513,238 |
| Wisconsin | 2,011 | 89 | 243,831 | 1,200 | 173,300 | 407,277 | 275,550 | 1,067,169 |
| Other States[c] | 349 | ..... | ..... | 308 | 18,190 | 17,101 | 3,881 | 110,255 |
| Total | 143,881 | 6,933 | 17,831,362 | 83,549 | 7,269,180 | 8,999,199 | 7,921,191 | 54,030,629 |

[a] Exclusive of Alaska.
[b] These statistics are confined to the fishing industry and do not include packing and canning establishments or wholesale fish dealers.
[c] Includes Kansas, Nebraska, New Hampshire, Oklahoma, South Dakota, and West Virginia.

# MANUFACTURING AND MINING INDUSTRIES AND PATENTS.

## No. 93.—SUMMARY OF MANUFACTURES: BY SPECIFIED INDUSTRIES, CENSUS YEARS 1880, 1890, 1900, AND 1905.

[Exclusive of Government establishments and of outlying districts, except Alaska, in 1900 and 1905. Hand trades and neighborhood industries have been omitted, but custom grist and saw mills and other neighborhood industries, reported as a part of factory industries in 1880 and 1890, are included in the figures for those years.]

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. | | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | | Average number. | Total wages. | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Agricultural implements. | 1880 | 1,943 | 62,109,668 | 39,580 | 15,359,610 | 31,531,170 | 68,640,486 |
| | 1890 | 910 | 145,313,997 | 38,827 | 18,107,094 | 31,603,265 | 81,271,651 |
| | 1900 | 715 | 157,707,951 | 46,582 | 22,450,880 | 43,944,628 | 101,207,428 |
| | 1905 | 648 | 196,740,700 | 47,394 | 25,002,650 | 48,281,406 | 112,007,344 |
| Ammunition | 1880 | 4 | 824,000 | 1,066 | 361,778 | 1,223,452 | 1,904,966 |
| | 1890 | 35 | 4,368,529 | 2,158 | 969,951 | 2,759,782 | 6,538,959 |
| | 1900 | 33 | 6,719,081 | 5,231 | 2,560,954 | 7,436,748 | 13,027,635 |
| | 1905 | 32 | 12,116,996 | 7,410 | 4,032,310 | 10,600,929 | 19,930,821 |
| Artificial feathers and flowers. | 1880 | 174 | 1,253,050 | 4,342 | 1,081,040 | 2,444,418 | 4,879,324 |
| | 1890 | 251 | 3,081,828 | 6,357 | 2,125,906 | 4,645,850 | 9,078,688 |
| | 1900 | 224 | 3,632,789 | 5,331 | 1,561,403 | 2,763,337 | 6,293,235 |
| | 1905 | 213 | 2,567,648 | 4,343 | 1,396,817 | 2,014,380 | 5,246,822 |
| Artificial limbs | 1880 | 33 | 82,600 | 72 | 43,883 | 31,370 | 137,024 |
| | 1890 | 59 | 186,896 | 162 | 102,438 | 93,795 | 475,977 |
| | 1900 | 87 | 290,104 | 249 | 146,620 | 126,062 | 749,854 |
| | 1905 | 104 | 442,266 | 342 | 221,913 | 136,645 | 883,731 |
| Artists' materials[b] | 1890 | 39 | 361,460 | 242 | 102,196 | 190,850 | 531,785 |
| | 1900 | 21 | 376,786 | 200 | 79,267 | 249,107 | 497,046 |
| | 1905 | 28 | 875,770 | 274 | 136,658 | 687,283 | 1,139,353 |
| Automobiles[c] | 1900 | 57 | 5,768,857 | 2,241 | 1,320,658 | 1,804,287 | 4,748,011 |
| | 1905 | 178 | 23,083,860 | 12,049 | 7,158,958 | 13,151,365 | 30,033,536 |
| Awnings, tents, and sails[d] | 1880 | 151 | 522,700 | 1,268 | 334,463 | 1,230,558 | 1,963,942 |
| | 1890 | 581 | 3,063,009 | 3,135 | 1,581,729 | 4,150,180 | 7,829,003 |
| | 1900 | 340 | 3,536,880 | 3,335 | 1,568,503 | 5,227,503 | 9,143,604 |
| | 1905 | 390 | 4,793,180 | 3,432 | 1,757,466 | 6,669,721 | 11,269,170 |
| Axle grease | 1880 | 16 | 372,600 | 72 | 41,407 | 209,152 | 365,048 |
| | 1890 | 31 | 451,228 | 126 | 61,642 | 401,897 | 846,459 |
| | 1900 | 29 | 577,195 | 127 | 55,238 | 360,411 | 718,114 |
| | 1905 | 25 | 608,201 | 119 | 61,598 | 368,074 | 879,483 |
| Babbitt metal and solder | 1880 | 9 | 73,100 | 44 | 18,745 | 214,193 | 262,950 |
| | 1890 | 36 | 954,654 | 173 | 84,283 | 2,385,894 | 2,905,102 |
| | 1900 | 51 | 3,115,568 | 535 | 294,584 | 7,998,369 | 9,191,409 |
| | 1905 | 75 | 4,128,645 | 569 | 337,507 | 10,863,752 | 13,099,338 |
| Bags, other than paper[e] | 1880 | 64 | 4,917,400 | 5,451 | 1,603,785 | 10,085,787 | 13,238,253 |
| | 1890 | 80 | 9,347,787 | 6,633 | 2,049,839 | 15,178,265 | 20,207,805 |
| | 1900 | 73 | 7,418,422 | 3,922 | 1,102,308 | 16,438,576 | 19,652,086 |
| | 1905 | 79 | 12,387,069 | 5,722 | 1,828,526 | 30,758,040 | 37,399,087 |
| Bags, paper | 1880 | 80 | 1,304,700 | 1,569 | 439,620 | 3,037,319 | 4,112,566 |
| | 1890 | 56 | 2,321,797 | 1,200 | 399,714 | 3,167,717 | 5,023,793 |
| | 1900 | 63 | 6,917,041 | 1,989 | 628,033 | 4,499,416 | 6,799,425 |
| | 1905 | 62 | 11,441,383 | 2,473 | 930,171 | 6,594,976 | 10,086,863 |
| Baking and yeast powders. | 1880 | 110 | 1,350,600 | 1,042 | 466,252 | 3,333,868 | 4,760,598 |
| | 1890 | 150 | 3,587,919 | 1,441 | 574,241 | 4,273,796 | 7,406,806 |
| | 1900 | 191 | 8,337,723 | 1,938 | 717,000 | 7,126,967 | 14,568,380 |
| | 1905 | 164 | 13,232,639 | 2,449 | 1,041,606 | 8,940,076 | 19,042,521 |
| Baskets, and rattan and willow ware.[d] | 1880 | 304 | 1,852,917 | 3,119 | 657,405 | 867,031 | 1,992,851 |
| | 1890 | 403 | 2,702,713 | 3,303 | 1,004,021 | 1,398,483 | 3,633,592 |
| | 1900 | 454 | 2,844,340 | 4,217 | 1,212,999 | 1,334,528 | 3,636,454 |
| | 1905 | 486 | 3,609,243 | 5,106 | 1,780,932 | 1,803,290 | 5,187,263 |
| Beet sugar[f] | 1880 | 4 | 365,000 | 350 | 62,271 | 186,128 | 282,572 |
| | 1900 | 30 | 20,141,719 | 1,970 | 1,092,207 | 4,803,796 | 7,323,857 |
| | 1905 | 51 | 55,923,459 | 3,963 | 2,486,702 | 14,486,876 | 24,393,794 |
| Bolts | 1880 | 20 | 793,120 | 773 | 280,169 | 525,175 | 1,065,824 |
| | 1890 | 22 | 590,420 | 372 | 193,780 | 389,701 | 823,010 |
| | 1900 | 23 | 1,038,305 | 663 | 307,991 | 602,856 | 1,247,730 |
| | 1905 | 21 | 881,634 | 530 | 253,188 | 463,377 | 1,000,220 |

[a] See note *a*, page 194, as to gross and net value of products.

[b] Included in other classifications in 1880.

[c] Includes 57 establishments in 1905 reported as "Automobile bodies and parts." No reports received for this industry in 1880 and 1890; in 1900 it was included in "Carriages and wagons," and was segregated for purposes of comparison with 1905.

[d] Includes custom and neighborhood shops in 1880 and 1890.

[e] Includes 16 establishments in 1890 and 27 in 1880 reported as "Bagging, flax, hemp, and jute," and 64 in 1890 and 37 in 1880 reported as "Bags, other than paper."

[f] Included in "All other industries," in 1890. Reported as "Sugar and molasses, beet," in 1880, 1890, and 1900.

No. 93.—Summary of Manufactures, by Specified Industries, Census Years 1880, 1890, 1900, and 1905—Continued.

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. | | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | | Average number. | Total wages. | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Belting and hose, leather | 1880 | 96 | 2,748,799 | 1,227 | 606,087 | 5,019,353 | 6,525,737 |
| | 1890 | 93 | 4,973,420 | 1,342 | 780,615 | 6,132,704 | 8,633,634 |
| | 1900 | 104 | 7,408,219 | 1,667 | 913,877 | 7,499,952 | 10,622,522 |
| | 1905 | 117 | 10,785,245 | 2,092 | 1,164,548 | 9,317,206 | 14,220,306 |
| Belting and hose, linen | 1880 | 1 | 10,000 | 10 | 4,500 | 12,000 | 23,000 |
| | 1890 | 9 | 795,909 | 273 | 123,524 | 427,865 | 777,942 |
| | 1900 | 7 | 526,059 | 254 | 64,102 | 452,430 | 717,137 |
| | 1905 | 20 | 2,668,377 | 692 | 252,061 | 1,697,515 | 2,836,699 |
| Belting and hose, rubber | 1880 | 2 | 265,000 | 364 | 131,721 | 863,000 | 1,085,000 |
| | 1890 | 17 | 5,270,068 | 1,835 | 883,020 | 3,479,538 | 5,512,840 |
| | 1900 | 18 | 5,493,885 | 1,771 | 918,191 | 4,075,702 | 6,169,044 |
| | 1905 | 19 | 13,240,273 | 3,698 | 1,804,992 | 9,089,786 | 14,954,186 |
| Bicycles and tricycles[b] | 1890 | 27 | 2,058,072 | 1,797 | 982,014 | 718,848 | 2,568,326 |
| | 1900 | 312 | 29,783,659 | 17,525 | 8,189,817 | 16,792,051 | 31,915,908 |
| | 1905 | 101 | 5,883,458 | 3,319 | 1,971,403 | 2,628,146 | 5,153,240 |
| Billiard tables and materials. | 1880 | 46 | 1,078,169 | 857 | 400,779 | 1,080,466 | 2,289,758 |
| | 1890 | 57 | 1,456,624 | 1,017 | 705,200 | 1,295,942 | 2,823,278 |
| | 1900 | 74 | 883,801 | 453 | 277,818 | 729,462 | 1,648,182 |
| | 1905 | 48 | 1,617,552 | 796 | 500,907 | 936,608 | 2,222,922 |
| Blacking | 1880 | 48 | 494,625 | 436 | 168,183 | 710,629 | 1,491,474 |
| | 1890 | 71 | 1,403,087 | 832 | 331,282 | 1,484,203 | 2,900,402 |
| | 1900 | 121 | 2,718,504 | 1,250 | 424,174 | 2,186,809 | 4,804,965 |
| | 1905 | 138 | 3,155,475 | 1,218 | 495,963 | 3,096,807 | 5,941,042 |
| Bluing | 1880 | 23 | 178,650 | 146 | 50,245 | 197,463 | 344,824 |
| | 1890 | 53 | 184,472 | 155 | 47,633 | 186,588 | 457,251 |
| | 1900 | 65 | 415,119 | 220 | 79,380 | 244,970 | 575,804 |
| | 1905 | 56 | 569,535 | 206 | 77,204 | 265,800 | 678,737 |
| Bone, ivory, and lampblack. | 1880 | 18 | 627,350 | 224 | 80,249 | 440,068 | 661,376 |
| | 1890 | 24 | 1,627,651 | 323 | 152,041 | 485,867 | 1,031,030 |
| | 1900 | 15 | 782,247 | 85 | 46,107 | 105,712 | 359,787 |
| | 1905 | 25 | 1,663,143 | 200 | 105,159 | 203,396 | 647,717 |
| Bookbinding and blank-book making. | 1880 | 588 | 5,798,671 | 10,612 | 3,927,349 | 5,195,771 | 11,976,764 |
| | 1890 | 805 | 10,062,034 | 12,473 | 5,508,483 | 6,007,417 | 17,067,780 |
| | 1900 | 954 | 12,744,628 | 15,971 | 6,671,666 | 7,702,543 | 20,799,858 |
| | 1905 | 908 | 16,904,883 | 17,718 | 7,886,945 | 9,139,937 | 25,223,650 |
| Boot and shoe cut stock | 1880 | 172 | 1,210,300 | 2,885 | 735,482 | 5,939,249 | 7,531,635 |
| | 1890 | 344 | 5,401,834 | 4,992 | 1,891,031 | 13,744,655 | 17,903,846 |
| | 1900 | 342 | 7,003,080 | 6,155 | 2,230,691 | 17,800,282 | 23,242,892 |
| | 1905 | 290 | 9,850,007 | 5,936 | 2,364,209 | 21,586,872 | 27,675,815 |
| Boot and shoe findings | 1880 | 135 | 770,800 | 1,498 | 451,075 | 1,188,317 | 2,144,945 |
| | 1890 | 138 | 1,793,123 | 2,081 | 596,073 | 1,965,173 | 3,459,328 |
| | 1900 | 186 | 3,277,958 | 2,993 | 1,127,784 | 4,627,048 | 7,145,820 |
| | 1905 | 214 | 4,144,505 | 4,206 | 1,515,175 | 6,047,356 | 9,355,020 |
| Boot and shoe uppers | 1880 | 81 | 209,264 | 437 | 170,425 | 448,104 | 790,842 |
| | 1890 | 317 | 1,216,026 | 1,353 | 609,324 | 1,902,926 | 3,346,002 |
| | 1900 | 126 | 262,881 | 253 | 124,707 | 395,543 | 688,795 |
| | 1905 | 75 | 281,096 | 228 | 102,702 | 200,454 | 549,867 |
| Boots and shoes | 1880 | 1,959 | 42,994,028 | 111,152 | 43,001,438 | 102,442,442 | 166,050,354 |
| | 1890 | 2,082 | 95,282,311 | 133,690 | 60,667,145 | 118,785,831 | 220,649,358 |
| | 1900 | 1,599 | 99,819,283 | 141,330 | 58,440,883 | 168,632,654 | 258,969,580 |
| | 1905 | 1,816 | 122,526,093 | 149,924 | 69,059,680 | 197,363,495 | 320,107,458 |
| Boots and shoes, rubber | 1880 | 9 | 2,425,000 | 4,662 | 1,469,038 | 6,023,053 | 9,705,724 |
| | 1890 | 11 | 17,790,970 | 9,134 | 3,813,073 | 11,650,787 | 18,632,060 |
| | 1900 | 22 | 33,667,533 | 14,391 | 6,426,579 | 22,682,543 | 41,089,819 |
| | 1905 | 22 | 39,441,826 | 18,991 | 8,866,806 | 32,000,464 | 70,065,296 |
| Boxes, cigar | 1880 | 221 | 1,023,777 | 2,365 | 748,657 | 1,389,700 | 2,903,465 |
| | 1890 | 291 | 3,374,451 | 5,125 | 1,802,666 | 3,567,320 | 7,091,948 |
| | 1900 | 315 | 3,288,272 | 4,609 | 1,439,599 | 3,061,193 | 5,856,916 |
| | 1905 | 297 | 4,457,452 | 6,282 | 2,120,468 | 3,809,961 | 7,786,286 |
| Boxes, fancy and paper | 1880 | 369 | 2,496,496 | 9,678 | 2,373,948 | 3,578,827 | 7,665,553 |
| | 1890 | 688 | 9,277,973 | 18,949 | 5,827,099 | 7,893,941 | 18,805,330 |
| | 1900 | 729 | 14,979,305 | 27,653 | 8,151,625 | 11,765,424 | 27,316,317 |
| | 1905 | 796 | 22,690,766 | 32,082 | 10,207,827 | 16,685,826 | 36,866,589 |
| Boxes, wooden packing | 1880 | 602 | 5,304,212 | 7,722 | 2,769,135 | 7,674,921 | 12,687,065 |
| | 1890 | 636 | 18,018,456 | 13,006 | 5,615,707 | 14,244,503 | 25,513,180 |
| | 1900 | 892 | 21,939,307 | 21,999 | 7,821,388 | 22,777,573 | 38,163,633 |
| | 1905 | 1,023 | 39,543,096 | 30,329 | 12,171,104 | 33,478,991 | 57,047,743 |
| Brass[c] | 1890 | 14 | 1,208,619 | 780 | 401,285 | 1,765,605 | 2,549,860 |
| | 1900 | 10 | 503,367 | 162 | 98,796 | 1,152,635 | 1,419,817 |
| | 1905 | 12 | 215,431 | 78 | 46,496 | 363,720 | 700,772 |
| Brass and copper, rolled | 1880 | 26 | 9,057,600 | 5,082 | 2,524,169 | 9,523,157 | 14,329,731 |
| | 1890 | 16 | 8,041,593 | 2,698 | 1,380,378 | 5,493,231 | 8,381,472 |
| | 1900 | 22 | 20,437,236 | 8,459 | 4,486,853 | 35,111,425 | 44,309,829 |
| | 1905 | 25 | 32,942,594 | 10,909 | 5,733,487 | 39,798,688 | 51,912,853 |

[a] See note a, page 194, as to gross and net value of products.
[b] No reports received for this industry in 1880.
[c] Included in other classifications in 1880.

**No. 93.**—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CENSUS YEARS 1880, 1890, 1900, AND 1905—Continued.

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. | | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | | Average number. | Total wages. | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Brass castings and brass finishing. | 1880 | 396 | 5,740,237 | 6,237 | 2,729,794 | 5,894,452 | 10,808,742 |
| | 1890 | 453 | 18,663,286 | 10,943 | 5,758,333 | 12,249,607 | 24,344,434 |
| | 1900 | 439 | 17,637,807 | 9,154 | 4,590,623 | *14,809,836* | *23,891,248* |
| | 1905 | 520 | 23,492,943 | 11,305 | 6,208,291 | 16,170,153 | 29,671,928 |
| Brass ware | 1880 | 20 | 594,582 | 1,142 | 411,329 | 948,118 | 1,523,098 |
| | 1890 | 113 | 10,866,001 | 7,157 | 3,557,069 | 7,089,202 | 13,615,172 |
| | 1900 | 203 | 11,659,977 | 8,770 | 4,100,372 | 8,784,706 | 16,803,764 |
| | 1905 | 229 | 18,930,472 | 10,078 | 5,176,758 | 7,631,943 | 17,499,056 |
| Bread and other bakery products. | 1880 | 6,396 | 19,155,286 | 22,488 | 9,411,328 | 42,612,027 | 65,524,896 |
| | 1890 | 10,484 | 45,758,489 | 38,841 | 19,120,259 | 72,507,579 | 128,421,535 |
| | 1900 | 14,836 | 80,901,926 | 60,192 | 27,864,024 | 95,051,952 | 175,368,682 |
| | 1905 | 18,227 | 122,363,327 | 81,284 | 43,179,822 | 155,999,318 | 269,609,061 |
| Brick and tile | 1880 | 5,631 | 27,675,616 | 66,355 | 13,443,532 | 9,774,834 | *32,833,587* |
| | 1890 | 5,828 | 82,578,566 | 104,176 | 29,709,357 | 12,639,597 | 67,770,695 |
| | 1900 | 5,423 | 82,086,438 | 61,979 | 21,883,333 | 11,006,148 | 51,270,476 |
| | 1905 | 4,634 | 119,956,959 | 66,021 | 28,646,005 | 16,316,499 | 71,152,062 |
| Bronze castings | 1880 | 7 | 186,500 | 153 | 64,072 | 498,470 | 670,912 |
| | 1890 | 14 | 710,190 | 271 | 195,535 | 695,485 | 1,165,163 |
| | 1900 | 21 | 881,769 | 321 | 372,797 | 1,339,722 | 2,229,329 |
| | 1905 | 27 | 1,856,737 | 798 | 501,051 | 1,688,831 | 2,622,495 |
| Brooms and brushes | 1880 | 980 | 4,186,897 | 8,773 | 2,424,040 | 5,694,855 | 10,560,555 |
| | 1890 | 1,235 | 7,743,882 | 9,556 | 3,299,393 | 6,900,553 | 14,156,388 |
| | 1900 | 1,522 | 9,616,150 | 10,346 | 3,787,746 | 9,544,318 | *18,483,760* |
| | 1905 | 1,316 | 12,052,236 | 11,425 | 4,380,220 | 10,998,946 | 21,103,776 |
| Butter, reworking[b] | 1900 | 10 | 255,525 | 148 | 67,747 | 1,345,418 | 2,114,935 |
| | 1905 | 35 | 1,718,751 | 404 | 252,139 | 6,247,629 | 7,271,086 |
| Buttons | 1880 | 124 | 2,013,350 | 5,825 | 1,645,130 | 1,792,891 | 4,449,542 |
| | 1890 | 106 | 3,089,265 | 3,831 | 1,411,089 | 1,551,603 | 4,216,795 |
| | 1900 | 238 | 4,212,568 | 8,685 | 2,826,238 | 2,803,246 | 7,695,910 |
| | 1905 | 275 | 7,783,900 | 10,567 | 3,680,196 | 4,144,446 | 11,133,769 |
| Calcium lights | 1880 | 4 | 19,500 | 20 | 10,912 | 25,031 | 51,443 |
| | 1890 | 15 | 73,402 | 80 | 34,152 | 35,048 | 110,062 |
| | 1900 | 19 | 95,114 | 55 | 24,418 | 34,982 | 118,666 |
| | 1905 | 22 | 143,553 | 41 | 23,978 | 35,346 | 135,246 |
| Canning and preserving, fish.[c] | 1890 | 110 | 3,186,975 | 5,020 | 1,128,143 | 4,710,709 | 6,972,268 |
| | 1900 | 346 | 19,454,222 | 13,355 | 4,207,414 | 13,160,451 | *21,999,249* |
| | 1905 | 373 | 19,853,016 | 6,959 | 3,241,740 | 15,885,354 | 26,377,210 |
| Canning and preserving, fruits and vegetables.[d] | 1880 | 411 | 8,247,488 | 31,905 | 2,679,960 | 12,051,293 | 17,599,576 |
| | 1890 | 886 | 15,315,185 | 49,762 | 4,651,317 | 18,665,163 | 29,862,416 |
| | 1900 | 1,813 | 27,795,621 | 87,189 | 8,251,471 | 37,382,541 | 56,427,412 |
| | 1905 | 2,261 | 47,629,497 | 39,988 | 10,428,521 | 51,582,460 | 78,142,022 |
| Canning and preserving, oysters.[e] | 1900 | 23 | 441,691 | 1,335 | 250,425 | 837,380 | 1,252,803 |
| | 1905 | 69 | 2,599,563 | 3,291 | 547,909 | 2,590,872 | 3,986,239 |
| Card cutting and designing. | 1880 | 9 | 13,793 | 64 | 18,215 | 15,610 | 51,670 |
| | 1890 | 26 | 89,584 | 180 | 76,548 | 88,186 | 243,070 |
| | 1900 | 43 | 337,642 | 325 | 135,189 | 312,760 | *618,488* |
| | 1905 | 60 | 488,129 | 696 | 261,028 | 477,609 | 1,083,278 |
| Cardboard, not made in paper mills. | 1880 | 8 | 443,000 | 345 | 116,410 | 637,971 | 959,145 |
| | 1890 | 5 | 616,548 | 206 | 104,772 | 701,764 | 1,070,805 |
| | 1900 | 5 | 1,168,495 | 626 | 264,427 | 705,527 | 1,270,416 |
| | 1905 | 4 | 1,651,210 | 586 | 234,490 | 926,964 | 1,564,303 |
| Carpets and rugs, other than rag. | 1880 | 195 | 21,468,587 | 20,371 | 6,835,218 | 18,984,877 | 31,792,802 |
| | 1890 | 173 | 38,208,842 | 28,736 | 11,122,259 | 28,644,905 | 47,770,193 |
| | 1900 | 133 | 44,449,299 | 28,411 | 11,121,383 | 27,228,719 | 48,192,351 |
| | 1905 | 139 | 56,781,074 | 33,221 | 13,724,233 | 37,947,954 | 61,586,433 |
| Carpets, rag | 1880 | 396 | 262,604 | 724 | 190,792 | 424,943 | *861,710* |
| | 1890 | 854 | 975,381 | 982 | 310,488 | 726,419 | 1,714,480 |
| | 1900 | 805 | 866,971 | 1,318 | 443,380 | 622,185 | 1,755,256 |
| | 1905 | 363 | 1,099,555 | 1,736 | 674,929 | 489,285 | 1,918,286 |
| Carriage and wagon materials. | 1880 | 412 | 7,034,718 | 7,502 | 2,733,004 | 4,781,095 | 10,114,352 |
| | 1890 | 539 | 13,028,161 | 9,996 | 4,366,233 | 7,387,904 | 16,262,293 |
| | 1900 | 588 | 19,085,776 | 15,387 | 5,987,267 | 13,048,608 | 25,027,173 |
| | 1905 | 632 | 26,024,053 | 17,160 | 7,484,450 | 16,312,683 | 30,535,873 |
| Carriages and sleds, children's. | 1880 | 67 | 770,000 | 1,310 | 462,852 | 868,054 | 1,677,776 |
| | 1890 | 87 | 3,158,412 | 2,726 | 1,154,905 | 1,900,907 | 4,094,255 |
| | 1900 | 77 | 2,906,472 | 2,726 | 1,090,296 | 1,996,070 | *4,289,695* |
| | 1905 | 78 | 4,335,626 | 4,003 | 1,782,984 | 2,840,462 | 6,370,911 |
| Carriages and wagons[f] | 1880 | 3,841 | 37,973,498 | 45,394 | 18,988,615 | 30,597,086 | 64,951,617 |
| | 1890 | 4,572 | 93,455,257 | 56,525 | 28,972,401 | 46,022,769 | 102,680,341 |
| | 1900 | 6,204 | 109,875,885 | 58,425 | 27,576,046 | 53,723,311 | 113,284,590 |
| | 1905 | 4,956 | 126,320,604 | 60,722 | 30,878,229 | 61,215,228 | 125,332,976 |

[a] See note *a*, page 194, as to gross and net value of products.
[b] No reports received for this industry in 1880 and 1890.
[c] Reported as "Fish, canning and preserving," in 1890 and 1900; included in other classifications in 1880.
[d] Reported as "Fruits and vegetables, canning and preserving," in 1890 and 1900.
[e] Reported as "Oysters, canning and preserving," in 1900.
[f] Includes custom and neighborhood shops in 1880 and 1890.

**No. 93.**—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CENSUS YEARS 1880, 1890, 1900, AND 1905—Continued.

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. | | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | | Average number. | Total wages. | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Cars and general shop construction and repairs by steam railroad companies.[b] | 1890 | 716 | 76,192,477 | 106,632 | 60,213,433 | 66,561,526 | 129,461,698 |
| | 1900 | 1,293 | 119,580,273 | 173,652 | 96,062,329 | 109,539,018 | 218,238,277 |
| | 1905 | 1,141 | 146,943,729 | 236,900 | 142,188,336 | 151,140,260 | 309,863,499 |
| Cars and general shop construction and repairs by street railroad companies.[c] | 1890 | 78 | 2,351,162 | 2,009 | 1,411,205 | 1,154,840 | 2,966,347 |
| | 1900 | 108 | 10,781,939 | 7,025 | 4,404,593 | 4,336,744 | 9,370,811 |
| | 1905 | 86 | 12,905,853 | 11,052 | 7,012,798 | 5,463,360 | 13,437,121 |
| Cars, steam and street railroad, not including operations of railroad companies.[d] | 1880 | 130 | 9,272,680 | 14,232 | 5,507,753 | 19,780,271 | 27,997,591 |
| | 1890 | 88 | 46,109,525 | 33,139 | 17,168,099 | 46,373,721 | 73,385,852 |
| | 1900 | 85 | *95,939,249* | *37,038* | *18,938,170* | *65,709,610* | *97,815,548* |
| | 1905 | 87 | 101,154,750 | 38,788 | 23,087,400 | 80,998,570 | 122,019,506 |
| Cash registers and calculating machines.[e] | 1880 | 1 | 200,000 | 7 | 4,876 | 870 | 6,600 |
| | 1890 | 12 | 366,875 | 788 | 450,430 | 255,194 | 1,422,820 |
| | 1900 | 18 | 5,242,373 | 2,067 | 1,249,741 | 921,237 | 5,675,365 |
| | 1905 | 32 | 7,587,972 | 4,079 | 2,442,001 | 1,515,980 | 9,875,099 |
| Celluloid and celluloid goods.[f] | 1880 | 6 | 1,214,000 | 736 | 242,798 | 389,262 | 1,261,540 |
| | 1890 | 12 | 3,158,487 | 939 | 447,120 | 856,180 | 2,575,786 |
| Charcoal[g] | 1880 | 175 | 457,484 | 1,401 | 390,697 | 320,735 | 975,540 |
| | 1900 | 183 | 811,225 | 1,786 | 431,381 | 405,339 | 1,133,638 |
| | 1905 | 74 | 717,118 | 923 | 342,874 | 641,778 | 1,291,754 |
| Cheese, butter, and condensed milk.[h] | 1880 | 3,932 | 9,604,803 | 7,903 | 1,546,495 | 18,363,579 | 25,742,510 |
| | 1890 | 4,552 | 16,016,573 | 12,219 | 4,248,854 | 49,819,301 | 60,635,705 |
| | 1900 | 9,242 | 36,303,164 | 12,799 | 6,145,561 | 108,841,200 | 130,783,349 |
| | 1905 | 8,926 | 47,255,556 | 15,557 | 8,412,937 | 142,920,277 | 168,182,789 |
| Chemicals[i] | 1880 | 595 | 28,983,458 | 9,724 | 4,222,663 | 24,665,766 | 38,640,458 |
| | 1890 | 563 | 55,032,452 | 15,038 | 7,308,411 | 33,694,927 | 59,352,548 |
| | 1900 | 433 | 89,069,450 | 19,020 | 9,393,236 | 34,545,862 | 62,637,008 |
| | 1905 | 448 | 119,890,193 | 24,525 | 13,361,972 | 51,883,219 | 92,088,378 |
| China decorating[j] | 1890 | 78 | 499,647 | 353 | 162,620 | 364,778 | 847,555 |
| | 1900 | 49 | 269,350 | 298 | 122,423 | 207,356 | 484,891 |
| | 1905 | 28 | 260,655 | 225 | 99,137 | 107,647 | 326,679 |
| Chocolate and cocoa products. | 1880 | 7 | 530,500 | 223 | 82,258 | 812,403 | 1,302,153 |
| | 1890 | 11 | 2,630,067 | 893 | *456,047* | 2,892,219 | 4,221,675 |
| | 1900 | 24 | 6,890,732 | 1,814 | 525,875 | 6,876,682 | 9,666,192 |
| | 1905 | 25 | 8,378,980 | 2,090 | 821,851 | 9,722,555 | 14,389,699 |
| Cleansing and polishing preparations. | 1880 | 21 | 412,325 | 209 | 91,455 | 237,070 | 500,280 |
| | 1890 | 56 | 804,160 | 301 | 102,260 | 382,120 | 865,904 |
| | 1900 | 154 | 943,328 | 508 | 209,438 | 965,242 | 2,193,019 |
| | 1905 | 156 | 1,404,744 | 564 | 241,576 | 1,286,060 | 2,710,393 |
| Clocks | 1880 | 22 | 2,474,900 | 3,940 | 1,622,693 | 1,908,411 | 4,110,267 |
| | 1890 | 27 | 5,727,202 | 3,491 | 1,808,025 | 1,457,778 | 4,228,846 |
| | 1900 | 46 | 8,792,653 | 6,037 | 2,650,703 | 3,028,606 | 7,157,856 |
| | 1905 | 38 | 9,703,170 | 7,249 | 3,514,185 | 3,077,574 | 8,868,000 |
| Cloth, sponging and refinishing. | 1880 | 20 | 137,350 | 176 | 62,790 | 71,960 | 222,560 |
| | 1890 | 23 | 229,395 | 354 | 200,630 | 34,132 | 399,814 |
| | 1900 | 46 | 288,891 | 534 | 268,191 | 17,490 | 566,000 |
| | 1905 | 55 | 401,326 | 795 | 503,935 | 38,852 | 1,052,939 |
| Clothing, horse | 1880 | 3 | 410,000 | 565 | 137,400 | 458,700 | 695,000 |
| | 1890 | 31 | 1,028,523 | 881 | 239,074 | 777,570 | 1,572,265 |
| | 1900 | 26 | 653,545 | 575 | 176,687 | 847,846 | 1,305,164 |
| | 1905 | 29 | 1,499,079 | 1,063 | 341,655 | 1,829,485 | 2,139,496 |
| Clothing, men's | 1880 | 6,166 | 79,861,696 | 160,813 | 45,940,353 | 131,363,282 | 209,548,460 |
| | 1890 | 4,867 | 128,253,547 | 144,926 | 51,075,837 | 128,846,857 | 251,019,609 |
| | 1900 | 5,729 | 129,547,851 | 120,927 | 45,496,728 | 145,218,798 | 276,717,357 |
| | 1905 | 4,504 | 153,177,500 | 137,190 | 57,225,506 | 185,793,436 | 355,796,571 |
| *Clothing, men's, buttonholes.*[k] | *1890* | *200* | *190,118* | *1,165* | *892,822* | *84,167* | *784,055* |
| | 1900 | 149 | 246,539 | 944 | 332,187 | 98,178 | 680,502 |
| | 1905 | 141 | 262,091 | 903 | 380,468 | 94,857 | 700,158 |

[a] See note *a*, page 191, as to gross and net value of products.
[b] No report received for this industry in 1880.
[c] Included in "Cars, railroad and street, and repairs, not including establishments operated by steam railroad companies," in 1880.
[d] Includes 78 establishments in 1905, 65 in 1900, and 71 in 1890 reported as "Cars, steam railroad, not including operations of railroad companies," and 14 in 1905, 20 in 1900, and 17 in 1890 reported as "Cars, street railroad, not including operations of railroad companies."
[e] Includes 5 establishments in 1900, 7 in 1890, and 1 in 1880 reported as "Registers, car fare," and 18 in 1900 and 5 in 1890 as "Registers, cash." "Registers, cash," were included in other classifications in 1880.
[f] Included in other classifications in 1900 and 1905.
[g] Included in "Timber products, not manufactured at mill," in 1890.
[h] Includes 5,235 establishments in 1905 reported as "Butter," 3,610 as "Cheese," and 81 as "Condensed milk." Reported as "Cheese and butter, factory," in 1880.
[i] Includes 32 establishments in 1905 reported as "Sulphuric, nitric, and mixed acids," and 141 reported as "Wood distillation," and 3 in 1880 reported as "Coal tar," and 592 as "Drugs and chemicals."
[j] No report received for this industry in 1880. Includes custom and neighborhood shops in 1890.
[k] Included in "Clothing, men's," in 1880.

**No. 93.**—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CENSUS YEARS 1880, 1890, 1900, AND 1905—Continued.

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. Average number. | Wage-earners. Total wages. | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Clothing, women's | 1880 | 562 | 8,207,273 | 25,192 | 6,661,005 | 19,559,227 | 32,004,794 |
| | 1890 | 1,224 | 21,259,528 | 39,149 | 15,428,272 | 34,277,219 | 68,164,019 |
| | 1900 | 2,701 | 48,431,544 | 83,739 | 32,586,101 | 84,704,592 | 159,339,539 |
| | 1905 | 3,351 | 73,947,823 | 115,705 | 51,180,193 | 130,719,996 | 247,661,560 |
| Coffee and spice, roasting and grinding.[b] | 1880 | 300 | 6,366,392 | 2,716 | 1,370,699 | 18,201,302 | 22,924,894 |
| | 1890 | 358 | 16,996,009 | 3,766 | 1,815,634 | 65,961,465 | 75,042,010 |
| | 1900 | 468 | 28,436,897 | 6,387 | 2,486,759 | 55,112,203 | 69,527,108 |
| | 1905 | 451 | 39,903,719 | 7,315 | 3,035,524 | 72,171,692 | 91,449,201 |
| Coffins, burial cases, and undertakers' goods. | 1880 | 769 | 5,735,392 | 4,415 | 1,895,805 | 3,776,222 | 8,157,760 |
| | 1890 | 194 | 11,097,736 | 5,751 | 2,842,444 | 5,547,082 | *12,230,554* |
| | 1900 | 217 | 13,585,162 | 6,840 | 3,077,481 | 6,945,348 | 13,952,308 |
| | 1905 | 239 | 18,531,844 | 8,468 | 4,119,811 | 9,501,267 | 20,266,110 |
| Coke | 1880 | 149 | 5,545,058 | 3,142 | 1,198,654 | 2,995,441 | 5,359,489 |
| | 1890 | 218 | 17,462,729 | 8,998 | 4,072,632 | 11,509,737 | 16,498,345 |
| | 1900 | 241 | 36,502,679 | 16,999 | 7,085,736 | 19,665,532 | 35,585,445 |
| | 1905 | 278 | 90,712,877 | 18,981 | 9,304,498 | 29,884,532 | 51,728,647 |
| Collars and cuffs, paper[c] | 1880 | 13 | 901,233 | 435 | 151,576 | 1,166,000 | 1,582,571 |
| | 1890 | 3 | 237,764 | 82 | 35,125 | 223,077 | 301,093 |
| Combs | 1880 | 38 | 533,390 | 1,026 | 374,785 | 341,719 | 951,395 |
| | 1890 | 31 | 742,200 | 742 | 364,715 | 344,120 | 1,020,835 |
| | 1900 | 34 | 832,791 | 1,399 | 572,467 | 951,514 | 1,976,129 |
| | 1905 | 42 | 1,112,260 | 1,806 | 757,657 | 1,329,627 | 2,769,380 |
| Confectionery[d] | 1880 | 1,450 | 8,486,874 | 9,801 | 3,242,852 | 17,125,775 | *25,637,033* |
| | 1890 | 2,921 | 23,326,799 | 21,724 | 7,783,007 | 31,116,629 | 55,997,101 |
| | 1900 | 962 | 26,319,195 | 26,866 | 8,020,453 | 35,354,208 | 60,643,946 |
| | 1905 | 1,348 | 43,125,408 | 36,239 | 11,699,257 | *43,810,342* | 87,087,253 |
| Cooperage[d] | 1880 | 3,898 | 12,178,726 | 25,973 | 8,992,608 | 18,441,064 | 33,714,770 |
| | 1890 | 2,652 | 17,806,554 | 22,555 | 10,056,249 | 20,636,911 | 38,617,956 |
| | 1900 | 1,694 | 21,777,636 | 22,117 | 8,786,428 | 22,150,885 | 38,439,745 |
| | 1905 | 1,517 | 29,532,614 | 21,149 | 9,485,455 | 31,092,679 | 49,424,394 |
| Cordage and twine | 1880 | 165 | 7,140,475 | 5,435 | 1,558,676 | 9,330,261 | 12,492,171 |
| | 1890 | 150 | 23,351,883 | 12,385 | 3,976,232 | 24,051,666 | 33,312,559 |
| | 1900 | 105 | 29,275,470 | 13,114 | 4,113,112 | *26,632,006* | *37,849,651* |
| | 1905 | 102 | 37,110,521 | 14,614 | 5,338,178 | 36,095,747 | 48,017,139 |
| Cordials and sirups | 1880 | 16 | 128,400 | 81 | 42,928 | 210,506 | 331,238 |
| | 1890 | 40 | 783,567 | 281 | 111,114 | 1,231,141 | 1,903,200 |
| | 1900 | 39 | 1,153,006 | 362 | 116,917 | 1,505,096 | 2,107,132 |
| | 1905 | 63 | 1,666,418 | 660 | 235,299 | 2,148,548 | 3,509,768 |
| Cork, cutting | 1880 | 46 | 872,884 | 792 | 232,346 | 976,274 | 1,566,555 |
| | 1890 | 65 | 1,869,360 | 2,019 | 636,869 | 1,501,902 | 2,840,359 |
| | 1900 | 62 | 2,683,683 | 2,340 | 687,796 | 2,403,829 | 4,392,364 |
| | 1905 | 50 | 4,009,631 | 2,895 | 888,240 | 2,459,197 | 4,490,952 |
| Corsets[d] | 1880 | 118 | 1,611,695 | 8,802 | 1,745,969 | 3,686,821 | 6,494,705 |
| | 1890 | 205 | 6,640,056 | 10,928 | 3,509,039 | 5,662,140 | 12,401,575 |
| | 1900 | 138 | 7,289,936 | 12,297 | 3,644,593 | 6,357,189 | 14,451,198 |
| | 1905 | 109 | 9,589,402 | 10,975 | 3,600,462 | 6,135,237 | *14,862,081* |
| Cotton goods[e] | 1880 | 1,005 | 219,504,794 | 185,472 | 45,614,419 | 113,765,537 | 210,950,383 |
| | 1890 | 905 | 354,020,343 | 218,876 | 66,024,538 | 154,912,979 | 267,981,724 |
| | 1900 | 1,055 | 467,240,157 | 302,861 | 86,689,762 | 176,551,527 | 339,200,320 |
| | 1905 | 1,154 | 613,110,655 | 315,874 | 96,205,796 | 286,255,303 | 450,467,704 |
| Cotton waste[f] | 1890 | 31 | 711,956 | 279 | 103,041 | 1,592,041 | 1,906,622 |
| | 1900 | 25 | 2,437,324 | 1,091 | 326,627 | 3,999,915 | 4,880,024 |
| | 1905 | 41 | 3,585,611 | 1,559 | 494,565 | 6,825,261 | *8,343,328* |
| Crucibles | 1880 | 11 | 1,450,250 | 694 | 284,169 | 955,841 | 1,445,641 |
| | 1890 | 10 | 908,152 | 230 | 110,250 | 396,296 | 726,708 |
| | 1900 | 11 | 1,843,616 | 671 | 250,654 | *1,673,290* | *2,607,303* |
| | 1905 | 11 | 1,577,051 | 280 | 159,219 | 761,851 | 1,342,716 |
| Cutlery and edge tools[d] | 1880 | 429 | 9,859,885 | 10,519 | 4,447,349 | 4,682,222 | 11,061,370 |
| | 1890 | 474 | 12,082,638 | 8,708 | 4,200,933 | *3,405,124* | 11,110,614 |
| | 1900 | 275 | 16,465,847 | 12,028 | 5,652,242 | 5,091,114 | 14,787,365 |
| | 1905 | 254 | 20,809,821 | 14,545 | 7,076,018 | 6,028,166 | 18,614,929 |
| Dairymen's, poulterers', and apiarists' supplies.[g] | 1905 | 176 | 5,030,081 | 2,608 | 1,167,343 | 3,203,451 | 6,545,008 |
| Dentists' materials | 1880 | 20 | 840,800 | 490 | 287,729 | 247,824 | 860,758 |
| | 1890 | 24 | 2,908,113 | 1,011 | 542,648 | 993,855 | 2,594,888 |
| | 1900 | 68 | 2,112,236 | 1,017 | 508,603 | 2,109,231 | *3,721,150* |
| | 1905 | 80 | 4,681,266 | 1,922 | 949,204 | 5,509,471 | 7,809,602 |
| Drug grinding[f] | 1890 | 13 | 337,885 | 148 | 74,711 | 192,321 | 436,766 |
| | 1900 | 26 | 2,837,911 | 644 | 291,823 | 3,315,228 | 4,308,144 |
| | 1905 | 27 | 4,991,218 | 981 | 483,097 | 3,024,305 | 5,145,522 |

[a] See note *a*, page 194, as to gross and net value of products.
[b] Includes in 1905 "Peanuts, grading, roasting, cleaning, and shelling;" 30 establishments were reported as engaged in this industry.
[c] Included in "Furnishing goods, men's," in 1905 and "All other industries" in 1900.
[d] Includes custom and neighborhood shops in 1880 and 1890.
[e] Includes 77 establishments in 1905 and 82 in 1900 reported as "Cotton small wares."
[f] No report received for this industry in 1880.
[g] Included in other classifications in 1880, 1890, and 1900.

No. 93.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CENSUS YEARS 1880, 1890, 1900, AND 1905—Continued.

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. | | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | | Average number. | Total wages. | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Druggists' preparations[b] | 1890 | 1,805 | 4,624,814 | 2,031 | 339,686 | 2,411,851 | 6,659,757 |
| | 1900 | 173 | 16,004,640 | 5,658 | 2,606,540 | 10,814,432 | 22,714,859 |
| | 1905 | 240 | 25,152,363 | 7,410 | 2,792,914 | 13,419,635 | 31,782,250 |
| Dyeing and finishing textiles. | 1880 | 191 | 26,223,981 | 16,698 | 6,474,364 | 13,664,295 | 32,297,420 |
| | 1890 | 248 | 38,450,800 | 19,601 | 8,911,720 | 12,385,220 | 28,900,560 |
| | 1900 | 298 | 60,643,104 | 29,776 | 12,726,816 | 17,958,137 | 44,963,331 |
| | 1905 | 360 | 88,708,576 | 35,565 | 15,469,205 | 19,621,253 | 50,849,545 |
| Dyestuffs and extracts | 1880 | 41 | 2,363,700 | 992 | 512,097 | 3,918,741 | 5,253,038 |
| | 1890 | 62 | 8,645,458 | 2,111 | 1,037,651 | 6,500,928 | 9,292,514 |
| | 1900 | 77 | 7,839,034 | 1,647 | 787,942 | 4,745,912 | 7,350,748 |
| | 1905 | 98 | 14,904,150 | 2,707 | 1,264,492 | 6,829,340 | 10,893,113 |
| Electrical machinery, apparatus, and supplies.[c] | 1880 | 76 | 1,509,758 | 1,271 | 683,164 | 1,116,470 | 2,655,036 |
| | 1890 | 189 | 18,997,337 | 8,802 | 4,517,050 | 8,819,498 | 19,114,714 |
| | 1900 | 581 | 83,659,924 | 42,013 | 20,579,194 | 49,458,272 | 92,434,435 |
| | 1905 | 784 | 174,066,026 | 60,466 | 31,841,521 | 66,836,926 | 140,809,369 |
| Electroplating[d] | 1880 | 221 | 865,898 | 1,441 | 620,848 | 663,588 | 1,975,700 |
| | 1890 | 313 | 2,051,134 | 1,765 | 891,752 | 1,048,057 | 3,121,642 |
| | 1900 | 302 | 1,322,266 | 2,086 | 949,062 | 783,854 | 2,719,961 |
| | 1905 | 312 | 1,286,996 | 1,943 | 1,092,835 | 747,331 | 2,965,014 |
| Emery wheels | 1880 | 11 | 397,900 | 112 | 58,253 | 109,952 | 322,022 |
| | 1890 | 17 | 823,059 | 245 | 135,356 | 186,579 | 726,425 |
| | 1900 | 34 | 1,489,527 | 546 | 303,091 | 508,753 | 1,381,675 |
| | 1905 | 34 | 2,248,744 | 801 | 451,016 | 705,220 | 2,062,120 |
| Enameling and enameled goods.[e] | 1880 | 22 | 295,200 | 387 | 98,762 | 306,379 | 504,269 |
| | 1890 | 46 | 422,715 | 508 | 224,133 | 171,658 | 626,884 |
| | 1900 | 129 | 9,184,178 | 7,675 | 2,259,003 | 5,466,971 | 9,978,509 |
| | 1905 | 92 | 17,975,456 | 9,537 | 3,642,322 | 7,152,090 | 15,709,282 |
| Engravers' materials | 1880 | 11 | 54,500 | 70 | 39,840 | 26,464 | 85,764 |
| | 1890 | 16 | 139,920 | 139 | 76,450 | 61,985 | 203,764 |
| | 1900 | 11 | 100,466 | 76 | 44,939 | 141,785 | 282,489 |
| | 1905 | 10 | 98,374 | 49 | 31,062 | 95,887 | 170,710 |
| Engraving and die-sinking.[d] | 1880 | 246 | 416,840 | 852 | 419,646 | 262,828 | 1,180,105 |
| | 1890 | 382 | 794,554 | 1,168 | 696,651 | 434,506 | 2,187,157 |
| | 1900 | 277 | 720,043 | 964 | 543,004 | 203,046 | 1,468,202 |
| | 1905 | 305 | 1,210,673 | 1,573 | 1,032,232 | 376,409 | 2,422,487 |
| Engraving, steel, including plate printing. | 1880 | 55 | 2,387,050 | 1,916 | 1,951,745 | 648,994 | 2,998,616 |
| | 1890 | 134 | 2,924,125 | 2,296 | 1,576,405 | 742,765 | 3,347,804 |
| | 1900 | 286 | 5,066,029 | 3,303 | 2,012,327 | 1,209,536 | 5,100,662 |
| | 1905 | 215 | 5,402,716 | 3,580 | 2,227,850 | 1,553,618 | 5,943,080 |
| Engraving, wood | 1880 | 167 | 183,733 | 509 | 333,590 | 68,605 | 734,728 |
| | 1890 | 285 | 480,990 | 945 | 600,453 | 157,656 | 1,555,418 |
| | 1900 | 144 | 231,367 | 336 | 205,757 | 63,007 | 613,936 |
| | 1905 | 114 | 184,897 | 338 | 245,032 | 60,283 | 647,609 |
| Envelopes | 1880 | 12 | 923,800 | 1,204 | 344,143 | 2,346,500 | 3,000,617 |
| | 1890 | 41 | 3,218,466 | 2,325 | 812,544 | 2,530,793 | 4,855,080 |
| | 1900 | 51 | 5,612,509 | 2,984 | 1,150,463 | 3,665,275 | 6,299,330 |
| | 1905 | 72 | 7,495,912 | 4,298 | 1,629,511 | 5,974,948 | 10,222,366 |
| Explosives[f] | 1880 | 54 | 6,585,185 | 1,340 | 675,414 | 3,271,549 | 5,802,029 |
| | 1890 | 69 | 13,539,478 | 2,353 | 1,240,502 | 5,481,723 | 11,352,615 |
| | 1900 | 97 | 19,465,846 | 4,502 | 2,383,756 | 10,334,974 | 17,125,418 |
| | 1905 | 124 | 42,307,103 | 5,300 | 3,308,774 | 17,203,667 | 29,602,884 |
| Fancy articles, not elsewhere specified.[g] | 1880 | 151 | 1,359,450 | 2,793 | 1,036,672 | 1,065,335 | 2,817,230 |
| | 1890 | 377 | 2,386,317 | 3,396 | 1,234,982 | 1,844,556 | 4,810,450 |
| | 1900 | 392 | 5,081,806 | 5,718 | 1,921,578 | 4,061,400 | 9,046,342 |
| | 1905 | 462 | 8,788,538 | 8,131 | 3,575,579 | 5,219,093 | 14,378,243 |
| Felt goods | 1880 | 26 | 1,958,254 | 1,524 | 439,760 | 2,530,710 | 3,619,652 |
| | 1890 | 34 | 4,460,621 | 2,142 | 883,380 | 2,809,937 | 4,654,768 |
| | 1900 | 36 | 7,125,276 | 2,688 | 1,024,835 | 3,801,028 | 6,461,691 |
| | 1905 | 39 | 9,667,136 | 3,254 | 1,356,754 | 5,754,026 | 8,948,594 |
| Fertilizers | 1880 | 364 | 17,913,660 | 8,598 | 2,648,422 | 15,595,078 | 23,050,795 |
| | 1890 | 390 | 40,594,168 | 9,026 | 3,417,870 | 25,113,874 | 39,180,844 |
| | 1900 | 422 | 60,685,753 | 11,581 | 4,185,289 | 28,958,473 | 44,657,385 |
| | 1905 | 400 | 69,023,264 | 14,201 | 5,142,147 | 39,343,914 | 56,632,853 |
| Files | 1880 | 179 | 1,666,556 | 2,508 | 957,412 | 787,569 | 2,486,533 |
| | 1890 | 140 | 2,991,988 | 2,435 | 1,217,576 | 1,088,943 | 3,179,649 |
| | 1900 | 86 | 3,857,647 | 3,160 | 1,277,199 | 1,166,414 | 3,403,905 |
| | 1905 | 62 | 5,866,256 | 3,276 | 1,514,412 | 1,310,978 | 4,391,745 |

[a] See note a, page 194, as to gross and net value of products.
[b] Includes custom and neighborhood shops in 1890.
[c] Includes 86 establishments reported as "Electrical apparatus and supplies," and 40 as "Telegraph and telephone apparatus" in 1880.
[d] Includes custom and neighborhood shops in 1880 and 1890.
[e] Includes 19 establishments in 1890 and 3 in 1880 reported as "Enameled goods," and 27 in 1890 and 19 in 1880 reported as "Enameling."
[f] Includes 37 establishments in 1890 and 33 in 1880 reported as "Gunpowder," and 32 in 1890 and 21 in 1880 repoterd as "High explosives."
[g] Includes 135 establishments reported as "Statuary and art goods" in 1905.

No. 93.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CENSUS YEARS 1880, 1890, 1900, AND 1905—Continued.

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. Average number. | Wage-earners. Total wages. | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Firearms | 1880 | 39 | 8,115,489 | 4,862 | 2,700,281 | 1,859,026 | 5,730,936 |
| | 1890 | 34 | 4,672,424 | 2,660 | 1,575,931 | 485,946 | 2,922,514 |
| | 1900 | 32 | 6,916,231 | 4,482 | 2,542,366 | 1,305,421 | 5,444,659 |
| | 1905 | 30 | 10,376,264 | 6,224 | 3,722,850 | 1,738,012 | 8,275,560 |
| Fire extinguishers, chemical | 1880 | 3 | 400,000 | 119 | 84,750 | 81,840 | 204,693 |
| | 1890 | 9 | 405,733 | 56 | 25,594 | 57,736 | 195,834 |
| | 1900 | 17 | 136,933 | 64 | 32,328 | 70,874 | 217,333 |
| | 1905 | 35 | 337,607 | 178 | 107,540 | 229,003 | 581,970 |
| Fireworks[b] | 1880 | 39 | 579,750 | 735 | 216,069 | 840,877 | 1,391,132 |
| | 1890 | 22 | 507,266 | 518 | 165,298 | 188,938 | 592,542 |
| | 1900 | 46 | 1,056,133 | 1,698 | 506,990 | 627,761 | 1,785,271 |
| | 1905 | 34 | 1,542,653 | 1,480 | 535,508 | 769,235 | 1,986,790 |
| Flags and banners | 1880 | 11 | 54,300 | 68 | 27,375 | 48,200 | 119,600 |
| | 1890 | 29 | 376,180 | 321 | 96,189 | 195,587 | 455,849 |
| | 1900 | 36 | 666,033 | 509 | 148,983 | 547,165 | 1,038,052 |
| | 1905 | 31 | 664,004 | 374 | 115,487 | 486,872 | 854,692 |
| Flavoring extracts | 1880 | 58 | 404,615 | 374 | 129,343 | 796,049 | 1,195,637 |
| | 1890 | 148 | 1,361,800 | 507 | 208,715 | 1,430,120 | 2,614,514 |
| | 1900 | 350 | 3,313,966 | 1,251 | 477,950 | 3,290,600 | 6,308,162 |
| | 1905 | 377 | 4,404,986 | 1,543 | 653,366 | 3,935,960 | 7,772,070 |
| Flax and hemp, dressed | 1880 | 79 | 620,456 | 1,019 | 268,420 | 818,243 | 1,310,231 |
| | 1890 | 6 | 1,361,635 | 497 | 198,723 | 638,285 | 981,288 |
| | 1900 | 4 | 71,496 | 211 | 46,000 | 91,032 | 158,650 |
| | 1905 | 17 | 238,842 | 214 | 59,977 | 233,132 | 346,963 |
| Flour and grist mill products.[a] | 1880 | 24,338 | 177,361,878 | 58,407 | 17,422,316 | 441,545,225 | 505,185,712 |
| | 1890 | 18,470 | 208,473,500 | 47,403 | 18,138,402 | 434,152,290 | 513,971,474 |
| | 1900 | 9,476 | 189,281,330 | 32,226 | 16,285,163 | 428,116,757 | 501,396,304 |
| | 1905 | 10,051 | 265,117,434 | 39,110 | 19,822,196 | 619,971,161 | 713,033,395 |
| Food preparations | 1880 | 109 | 1,293,905 | 1,333 | 318,253 | 1,604,660 | 2,493,224 |
| | 1890 | 302 | 6,715,535 | 3,478 | 1,222,913 | 8,129,925 | 14,105,485 |
| | 1900 | 645 | 21,401,102 | 8,214 | 3,099,343 | 24,776,625 | 39,336,882 |
| | 1905 | 766 | 51,734,434 | 11,333 | 4,398,348 | 37,667,862 | 61,180,416 |
| Foundry and machine shop products.[c] | 1880 | 4,984 | 155,021,734 | 145,050 | 66,093,920 | 104,041,972 | 215,442,011 |
| | 1890 | 6,500 | 383,257,473 | 231,331 | 129,282,263 | 171,363,925 | 413,197,118 |
| | 1900 | 9,316 | 663,414,323 | 350,103 | 182,096,007 | 286,130,485 | 644,456,216 |
| | 1905 | 9,423 | 936,416,978 | 402,914 | 229,869,297 | 324,260,998 | 799,862,588 |
| Foundry supplies | 1880 | 15 | 126,500 | 74 | 27,303 | 132,220 | 215,650 |
| | 1890 | 21 | 672,817 | 163 | 91,633 | 357,874 | 672,440 |
| | 1900 | 30 | 981,817 | 278 | 135,877 | 628,160 | 1,128,856 |
| | 1905 | 34 | 1,516,043 | 315 | 156,402 | 624,812 | 1,058,834 |
| Fuel, manufactured[e] | 1880 | 1 | 100,000 | 70 | 10,000 | 55,000 | 102,000 |
| Fur goods[f] | 1890 | 484 | 11,115,840 | 6,947 | 3,477,148 | 11,742,508 | 20,526,988 |
| | 1900 | 734 | 12,484,172 | 7,758 | 3,927,214 | 14,281,092 | 25,899,192 |
| | 1905 | 868 | 17,901,869 | 9,370 | 5,122,782 | 21,204,391 | 37,123,129 |
| Furnishing goods, men's[g] | 1880 | 161 | 3,724,664 | 11,174 | 2,644,155 | 6,503,164 | 11,506,857 |
| | 1890 | 586 | 12,299,011 | 20,778 | 6,078,026 | 15,280,572 | 29,870,946 |
| | 1900 | 457 | 20,575,981 | 30,322 | 9,730,066 | 23,669,929 | 44,346,482 |
| | 1905 | 547 | 28,043,584 | 27,185 | 8,760,108 | 26,564,500 | 49,031,582 |
| Furniture[h] | 1880 | 5,227 | 44,946,128 | 59,804 | 23,695,080 | 35,860,206 | 77,845,725 |
| | 1890 | 1,919 | 80,780,989 | 72,869 | 35,068,979 | 45,368,770 | 111,743,080 |
| | 1900 | 1,814 | 104,484,394 | 87,262 | 35,032,523 | 54,929,631 | 125,315,986 |
| | 1905 | 2,482 | 152,712,732 | 110,133 | 49,883,235 | 73,619,914 | 170,446,825 |
| Furs, dressed | 1880 | 192 | 3,598,887 | 4,134 | 1,389,284 | 5,338,242 | 8,238,712 |
| | 1890 | 26 | 266,921 | 400 | 238,890 | 203,199 | 651,296 |
| | 1900 | 92 | 798,030 | 835 | 478,190 | 519,699 | 1,400,455 |
| | 1905 | 85 | 1,296,141 | 1,105 | 754,988 | 1,641,950 | 3,215,701 |
| Galvanizing | 1880 | 21 | 671,450 | 518 | 244,799 | 1,103,186 | 1,884,695 |
| | 1890 | 27 | 1,301,973 | 761 | 361,878 | 1,940,712 | 2,957,143 |
| | 1900 | 28 | 1,775,779 | 535 | 229,406 | 1,677,584 | 2,470,703 |
| | 1905 | 36 | 2,690,471 | 1,256 | 620,612 | 4,744,466 | 6,418,850 |
| Gas and lamp fixtures | 1880 | 35 | 3,248,400 | 3,069 | 1,469,287 | 1,675,875 | 4,329,656 |
| | 1890 | 108 | 7,218,964 | 5,014 | 2,879,813 | 2,208,124 | 7,825,672 |
| | 1900 | 221 | 9,479,103 | 6,513 | 3,111,083 | 4,464,729 | 11,479,960 |
| | 1905 | 263 | 20,206,957 | 8,141 | 4,237,394 | 7,395,207 | 17,560,386 |
| Gas, illuminating and heating.[i] | 1890 | 742 | 258,771,795 | 12,996 | 8,499,625 | 14,037,087 | 56,987,290 |
| | 1900 | 877 | 567,900,506 | 22,459 | 12,436,296 | 20,605,366 | 75,716,693 |
| | 1905 | 1,019 | 725,035,204 | 30,566 | 17,057,917 | 37,180,066 | 125,144,915 |

[a] See note *a*, page 194, as to gross and net value of products.
[b] Reported as "Explosives and fireworks" in 1880.
[c] Includes custom mills in 1880 and 1890.
[d] Includes 15 establishments in 1905 reported as "Locomotives" and 415 as "Stoves and furnaces, not including gas and oil stoves;" 3 in 1890 and 6 in 1880, as "Cotton ties;" and 22 in 1890 and 20 in 1880, as "Lightning rods."
[e] Included in "All other industries" in 1890 and 1900.
[f] Included in other classifications in 1880. Includes custom and neighborhood shops in 1890.
[g] Includes 44 establishments reported as "Collars and cuffs" in 1905. Includes custom and neighborhood shops in 1880 and 1890.
[h] Includes 340 establishments in 1890 and 384 in 1880 reported as "Furniture, chairs."
[i] No report received for this industry in 1880.

**No. 93.**—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CENSUS YEARS 1880, 1890, 1900, AND 1905—Continued.

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. | | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | | Average number. | Total wages. | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Gasmachines and meters. | 1880 | 34 | 1,147,000 | 853 | 397,108 | 636,676 | 1,334,091 |
| | 1890 | 38 | 1,603,426 | 998 | 625,902 | 675,542 | 1,838,644 |
| | 1900 | 113 | 4,601,624 | 2,166 | 1,185,431 | 1,943,230 | 4,390,930 |
| | 1905 | 89 | 5,601,157 | 2,674 | 1,532,247 | 2,612,907 | 5,630,975 |
| Glass | 1880 | 169 | 18,804,599 | 24,177 | 9,144,100 | 8,028,621 | 21,154,571 |
| | 1890 | 294 | 40,966,850 | 44,892 | 20,885,961 | 12,140,985 | 41,051,004 |
| | 1900 | 355 | 61,423,903 | 52,818 | 27,084,710 | 16,731,009 | 56,539,712 |
| | 1905 | 399 | 89,389,151 | 63,969 | 37,288,148 | 26,145,522 | 79,607,998 |
| Glass, cutting, staining, and ornamenting. | 1880 | 170 | 945,180 | 1,586 | 706,768 | 1,156,866 | 2,535,009 |
| | 1890 | 279 | 2,504,089 | 3,320 | 1,954,560 | 2,188,287 | 6,090,378 |
| | 1900 | 411 | 4,000,569 | 4,914 | 2,393,711 | 3,534,990 | 8,750,042 |
| | 1905 | 453 | 7,365,225 | 8,379 | 4,359,199 | 4,845,393 | 13,137,653 |
| Gloves and mittens, leather.[b] | 1880 | 300 | 3,379,648 | 7,697 | 1,655,695 | 4,351,469 | 7,379,605 |
| | 1890 | 324 | 5,977,820 | 8,187 | 2,670,344 | 5,021,144 | 10,103,821 |
| | 1900 | 394 | 9,089,809 | 14,345 | 4,182,518 | 9,488,130 | 16,926,156 |
| | 1905 | 339 | 10,705,599 | 10,645 | 3,840,253 | 10,000,889 | 17,740,385 |
| Glucose | 1880 | 7 | 2,255,000 | 1,192 | 605,802 | 3,044,450 | 4,551,212 |
| | 1890 | 7 | 5,991,023 | 1,724 | 902,086 | 5,029,131 | 7,756,686 |
| | 1900 | 8 | 41,011,345 | 3,288 | 1,755,179 | 15,773,233 | 21,693,656 |
| | 1905 | 9 | 17,045,313 | 2,876 | 1,774,580 | 20,258,022 | 24,566,932 |
| Glue | 1880 | 82 | 3,916,750 | 1,801 | 600,018 | 2,786,342 | 4,324,072 |
| | 1890 | 62 | 4,859,266 | 1,697 | 676,089 | 2,510,927 | 4,270,460 |
| | 1900 | 61 | 6,144,407 | 1,618 | 685,096 | 3,767,023 | 5,389,006 |
| | 1905 | 58 | 10,673,338 | 2,864 | 1,528,512 | 6,186,139 | 10,034,685 |
| Gold and silver, leaf and foil. | 1880 | 60 | 498,500 | 955 | 410,647 | 1,011,792 | 1,614,040 |
| | 1890 | 81 | 1,105,198 | 1,405 | 698,167 | 1,834,716 | 2,977,791 |
| | 1900 | 93 | 1,086,854 | 1,163 | 498,692 | 1,604,013 | 2,666,224 |
| | 1905 | 83 | 1,071,562 | 1,402 | 662,813 | 1,476,111 | 2,695,298 |
| Gold and silver, reducing and refining, not from the ore. | 1880 | 28 | 817,100 | 304 | 178,696 | 9,128,811 | 9,548,188 |
| | 1890 | 38 | 4,763,397 | 883 | 625,608 | 30,005,096 | 32,035,520 |
| | 1900 | 57 | 1,944,124 | 219 | 141,400 | 10,932,361 | 11,811,537 |
| | 1905 | 41 | 2,326,009 | 287 | 206,263 | 17,538,379 | 18,721,095 |
| Graphite and graphite refining.[c] | 1880 | 4 | 113,000 | 89 | 35,225 | 144,100 | 210,009 |
| | 1890 | 3 | 38,614 | 18 | 9,008 | 26,380 | 54,605 |
| | 1900 | 11 | 411,128 | 137 | 64,376 | 216,560 | 429,173 |
| | 1905 | 11 | 478,182 | 218 | 107,810 | 117,300 | 342,379 |
| Grease and tallow | 1880 | 156 | 2,566,779 | 1,091 | 556,015 | 11,779,482 | 13,730,013 |
| | 1890 | 233 | 4,336,193 | 1,470 | 793,888 | 5,135,901 | 7,474,911 |
| | 1900 | 287 | 7,071,242 | 2,040 | 1,066,693 | 8,751,797 | 11,953,021 |
| | 1905 | 300 | 10,284,366 | 3,628 | 2,114,355 | 12,369,075 | 18,814,533 |
| Grindstones | 1880 | 14 | 125,261 | 231 | 57,040 | 85,366 | 184,555 |
| | 1890 | 9 | 78,750 | 124 | 51,776 | 34,742 | 122,240 |
| | 1900 | 25 | 903,348 | 1,167 | 407,153 | 263,811 | 1,088,909 |
| | 1905 | 23 | 1,869,006 | 706 | 274,748 | 264,413 | 788,049 |
| Hairwork[d] | 1880 | 299 | 613,040 | 1,172 | 323,315 | 667,132 | 1,467,723 |
| | 1890 | 492 | 1,362,993 | 1,397 | 490,254 | 846,045 | 2,489,061 |
| | 1900 | 158 | 760,113 | 820 | 287,288 | 496,172 | 1,406,216 |
| | 1905 | 125 | 1,131,850 | 863 | 334,778 | 727,688 | 1,782,491 |
| Hammocks | 1880 | 5 | 22,300 | 82 | 17,576 | 61,830 | 110,352 |
| | 1890 | 6 | 65,525 | 80 | 14,604 | 26,535 | 60,254 |
| | 1900 | 13 | 308,254 | 339 | 101,626 | 242,950 | 480,114 |
| | 1905 | 14 | 289,570 | 271 | 91,379 | 189,780 | 446,815 |
| Hand-knit goods | 1880 | 39 | 152,700 | 1,814 | 137,720 | 239,040 | 446,354 |
| | 1890 | 28 | 78,468 | 186 | 35,851 | 88,280 | 205,775 |
| | 1900 | 85 | 204,913 | 304 | 75,870 | 123,471 | 351,126 |
| | 1905 | 65 | 279,541 | 377 | 78,583 | 195,566 | 518,315 |
| Hand stamps | 1880 | 46 | 103,150 | 163 | 82,895 | 103,648 | 318,618 |
| | 1890 | 234 | 998,873 | 705 | 344,089 | 432,687 | 1,583,872 |
| | 1900 | 268 | 1,203,910 | 1,052 | 490,036 | 522,659 | 1,937,628 |
| | 1905 | 224 | 1,281,866 | 976 | 511,808 | 564,728 | 2,017,531 |
| Hardware | 1880 | 492 | 15,363,551 | 16,801 | 6,846,913 | 10,097,577 | 22,653,693 |
| | 1890 | 350 | 26,271,840 | 18,495 | 8,656,067 | 10,186,442 | 26,726,463 |
| | 1900 | 381 | 39,311,745 | 26,463 | 11,422,758 | 14,605,244 | 35,846,656 |
| | 1905 | 445 | 52,884,078 | 31,713 | 14,580,589 | 16,631,214 | 45,770,171 |
| Hardware, saddlery | 1880 | 64 | 1,655,550 | 2,815 | 960,432 | 1,851,436 | 3,651,021 |
| | 1890 | 102 | 3,376,356 | 2,917 | 1,260,325 | 1,624,849 | 4,118,195 |
| | 1900 | 80 | 3,335,274 | 2,940 | 1,217,202 | 1,690,168 | 4,149,489 |
| | 1905 | 82 | 4,319,151 | 3,395 | 1,623,890 | 1,930,108 | 4,820,726 |
| Hat and cap materials | 1880 | 64 | 746,828 | 1,215 | 463,854 | 1,325,231 | 2,217,250 |
| | 1890 | 73 | 1,709,650 | 1,589 | 698,455 | 2,059,001 | 3,465,524 |
| | 1900 | 70 | 1,744,419 | 1,371 | 434,148 | 2,797,756 | 3,849,116 |
| | 1905 | 65 | 4,264,651 | 2,414 | 848,751 | 4,216,906 | 6,440,108 |

[a] See note *a*, page 194, as to gross and net value of products.
[b] Reported as "Gloves and mittens" in 1880, 1890, and 1900, and included a few small establishments making gloves and mittens from materials other than leather, but not knit gloves and mittens.
[c] Reported as "Graphite" in 1880 and 1890.
[d] Includes custom and neighborhood shops in 1880 and 1890.

**No. 93.**—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CENSUS YEARS 1880, 1890, 1900, AND 1905—Continued.

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. | | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | | Average number. | Total wages. | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Hats and caps other than wool.[b] | 1880 | 489 | 5,455,468 | 17,240 | 6,635,522 | 9,341,352 | 21,308,107 |
| | 1890 | 705 | 13,724,002 | 25,981 | 12,650,917 | 16,160,802 | 37,311,599 |
| | 1900 | 815 | 25,095,548 | 31,424 | 14,144,360 | 24,420,585 | 49,204,497 |
| | 1905 | 699 | 33,479,470 | 34,208 | 17,069,800 | 27,792,436 | 59,941,533 |
| Hats, wool[c] | 1880 | 43 | 3,615,830 | 5,470 | 1,893,215 | 4,785,774 | 8,516,569 |
| | 1890 | 32 | 4,142,224 | 3,500 | 1,249,976 | 2,802,041 | 5,329,921 |
| | 1900 | 24 | 2,050,802 | 2,108 | 937,855 | 2,042,202 | 3,591,940 |
| | 1905 | 17 | 1,646,064 | 1,503 | 619,194 | 1,369,810 | 2,457,266 |
| Hones and whetstones | 1880 | 25 | 132,525 | 225 | 52,961 | 92,461 | 224,130 |
| | 1890 | 9 | 97,935 | 57 | 18,754 | 6,332 | 54,136 |
| | 1900 | 18 | 216,836 | 189 | 72,879 | 64,278 | 196,323 |
| | 1905 | 17 | 423,501 | 220 | 94,428 | 103,334 | 307,789 |
| Horseshoes[d] | 1890 | 4 | 1,299,065 | 474 | 241,894 | 519,449 | 1,110,032 |
| | 1900 | 7 | 463,151 | 231 | 117,427 | 210,537 | 497,619 |
| | 1905 | 8 | 1,227,457 | 232 | 126,629 | 255,742 | 798,981 |
| Hosiery and knit goods | 1880 | 359 | 15,579,591 | 28,885 | 6,701,475 | 15,210,951 | 29,167,227 |
| | 1890 | 796 | 50,607,738 | 59,588 | 16,578,119 | 35,861,585 | 67,241,013 |
| | 1900 | 921 | 81,860,604 | 83,387 | 24,358,627 | 51,071,859 | 95,482,566 |
| | 1905 | 1,079 | 106,663,531 | 103,715 | 31,536,024 | 76,593,782 | 136,558,139 |
| House-furnishing goods, not elsewhere specified. | 1880 | 48 | 456,806 | 592 | 216,890 | 812,361 | 1,332,188 |
| | 1890 | 133 | 6,939,659 | 3,417 | 1,506,929 | 4,832,791 | 8,347,285 |
| | 1900 | 209 | 10,634,216 | 5,212 | 1,837,552 | 9,197,678 | 14,278,175 |
| | 1905 | 237 | 9,872,445 | 4,778 | 1,879,869 | 9,626,519 | 15,010,628 |
| Ice, manufactured | 1880 | 35 | 1,251,200 | 447 | 140,885 | 158,112 | 544,763 |
| | 1890 | 222 | 9,846,468 | 2,826 | 1,095,996 | 940,699 | 4,900,983 |
| | 1900 | 775 | 38,019,507 | 6,880 | 3,402,745 | 3,312,393 | 13,780,978 |
| | 1905 | 1,320 | 66,592,001 | 10,101 | 5,549,162 | 6,011,325 | 23,790,045 |
| Ink, printing[e] | 1880 | 63 | 1,251,050 | 480 | 230,284 | 864,765 | 1,629,413 |
| | 1890 | 35 | 1,863,025 | 380 | 269,740 | 1,145,554 | 2,376,672 |
| | 1900 | 60 | 2,944,797 | 503 | 298,161 | 1,585,916 | 3,079,948 |
| | 1905 | 60 | 4,609,774 | 711 | 474,987 | 2,612,558 | 5,774,254 |
| Ink, writing[f] | 1890 | 38 | 792,194 | 381 | 150,488 | 519,231 | 1,128,307 |
| | 1900 | 44 | 876,717 | 285 | 113,979 | 573,226 | 1,292,759 |
| | 1905 | 42 | 1,286,607 | 430 | 169,726 | 858,304 | 1,881,038 |
| Instruments, professional and scientific. | 1880 | 171 | 1,342,196 | 1,099 | 588,751 | 444,425 | 1,639,094 |
| | 1890 | 233 | 2,996,021 | 1,978 | 1,191,698 | 698,352 | 3,271,616 |
| | 1900 | 261 | 4,475,609 | 2,775 | 1,428,885 | 1,362,581 | 4,853,335 |
| | 1905 | 225 | 5,382,930 | 3,437 | 1,823,205 | 1,850,153 | 5,377,755 |
| Iron and steel, including blast furnaces, and steel works and rolling mills.[g] | 1880 | 1,005 | 230,971,884 | 140,978 | 55,476,785 | 191,271,150 | 296,557,685 |
| | 1890 | 645 | 372,678,018 | 148,715 | 78,977,900 | 295,777,843 | 430,954,348 |
| | 1900 | 668 | 573,391,663 | 222,490 | 120,820,276 | 522,398,932 | 803,968,273 |
| | 1905 | 605 | 936,327,839 | 242,640 | 141,426,506 | 620,146,350 | 905,787,733 |
| Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills or steel works. | 1880 | 100 | 4,933,019 | 5,064 | 1,981,300 | 6,097,011 | 10,073,330 |
| | 1890 | 82 | 10,789,821 | 6,955 | 3,004,454 | 6,746,304 | 12,373,031 |
| | 1900 | 72 | 10,799,692 | 7,660 | 2,991,857 | 8,071,071 | 13,978,382 |
| | 1905 | 88 | 18,912,546 | 8,090 | 3,642,268 | 7,807,239 | 14,687,108 |
| Iron and steel, doors and shutters. | 1880 | 6 | 79,375 | 223 | 103,269 | 296,600 | 495,060 |
| | 1890 | 7 | 42,550 | 46 | 30,764 | 29,792 | 88,515 |
| | 1900 | 13 | 261,958 | 117 | 85,683 | 115,718 | 319,629 |
| | 1905 | 24 | 1,119,542 | 699 | 407,390 | 601,754 | 1,477,285 |
| Iron and steel, forgings | 1880 | 91 | 3,598,241 | 3,210 | 1,329,151 | 3,960,780 | 6,492,028 |
| | 1890 | 90 | 7,152,145 | 4,208 | 2,314,114 | 4,875,697 | 9,042,563 |
| | 1900 | 90 | 9,675,993 | 4,688 | 2,559,433 | 5,218,030 | 10,438,442 |
| | 1905 | 138 | 28,246,474 | 5,655 | 3,428,190 | 5,752,315 | 12,110,895 |
| Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in rolling mills or steel works. | 1880 | 62 | 3,877,805 | 2,910 | 1,255,171 | 3,312,602 | 5,629,240 |
| | 1890 | 138 | 24,334,549 | 16,600 | 7,144,253 | 22,960,737 | 34,227,517 |
| | 1900 | 102 | 10,751,359 | 4,477 | 2,042,250 | 8,561,571 | 14,777,299 |
| | 1905 | 76 | 8,741,916 | 3,681 | 1,684,077 | 4,686,349 | 8,922,896 |
| Iron and steel pipe, wrought. | 1880 | 35 | 6,129,565 | 5,210 | 1,788,258 | 9,480,049 | 13,292,162 |
| | 1890 | 22 | 22,622,367 | 11,693 | 5,397,715 | 25,988,798 | 37,906,801 |
| | 1900 | 19 | 18,343,977 | 5,536 | 2,495,898 | 15,523,858 | 21,292,043 |
| | 1905 | 27 | 13,052,606 | 5,416 | 2,472,721 | 12,746,619 | 17,400,912 |
| Ivory and bone work | 1880 | 55 | 775,564 | 1,105 | 414,701 | 754,654 | 1,454,901 |
| | 1890 | 64 | 1,894,549 | 1,240 | 591,867 | 921,975 | 1,918,607 |
| | 1900 | 70 | 939,714 | 1,334 | 529,051 | 930,224 | 1,873,357 |
| | 1905 | 66 | 1,269,177 | 1,769 | 777,468 | 1,380,597 | 2,863,602 |

[a] See note *a*, page 194, as to gross and net value of products.
[b] Includes 216 establishments in 1905 reported as "Hats, felt," 68 as "Hats, straw," and 415 as "Hat and caps, other than felt, straw, and wool;" and 171 in 1900 reported as "Fur hats," and 644 as "Hat and caps, not including fur hats and wool hats."
[c] Reported as "Wool hats" in 1880, 1890, and 1900.
[d] Included in other classifications in 1880.
[e] Includes establishments reported as "Ink" in 1880.
[f] Establishments reported as "Ink" in 1880 are shown under "Ink, printing."
[g] Includes 190 establishments reported as "Iron and steel, blast furnaces" and 415 as "Iron and steel, steel works and rolling mills" in 1905.

**No. 93.**—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CENSUS YEARS 1880, 1890, 1900, AND 1905—Continued.

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. | | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | | Average number. | Total wages. | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Japanning | 1880 | 30 | 78,710 | 183 | 65,562 | 63,743 | 190,080 |
| | 1890 | 39 | 285,794 | 243 | 105,197 | 120,184 | 350,819 |
| | 1900 | 38 | 117,639 | 160 | 75,453 | 55,305 | 215,506 |
| | 1905 | 32 | 595,095 | 426 | 187,736 | 242,238 | 607,060 |
| Jewelry[b] | 1880 | 739 | 11,461,164 | 12,697 | 6,441,683 | 10,324,990 | 22,201,621 |
| | 1890 | 783 | 22,246,508 | 13,880 | 8,038,327 | 16,110,219 | 34,761,458 |
| | 1900 | 851 | 27,871,924 | 20,468 | 10,643,887 | 22,234,634 | 46,128,659 |
| | 1905 | 1,023 | 39,678,956 | 22,080 | 12,592,846 | 24,177,229 | 53,225,681 |
| Jewelry and instrument cases. | 1880 | 17 | 62,000 | 138 | 51,000 | 48,550 | 131,670 |
| | 1890 | 76 | 634,900 | 910 | 446,927 | 483,441 | 1,454,053 |
| | 1900 | 63 | 547,753 | 819 | 322,566 | 435,717 | 1,156,977 |
| | 1905 | 97 | 1,437,885 | 1,676 | 623,887 | 842,988 | 2,291,648 |
| Jute and jute goods | 1880 | 4 | 415,000 | 525 | 141,979 | 447,094 | 696,982 |
| | 1890 | 7 | 1,645,636 | 1,194 | 368,585 | 501,909 | 1,120,121 |
| | 1900 | 18 | 7,027,293 | 4,506 | 1,181,790 | 3,015,362 | 5,383,797 |
| | 1905 | 16 | 11,019,132 | 6,083 | 1,917,986 | 5,054,130 | 9,005,802 |
| Kaolin and ground earths. | 1880 | 63 | 1,291,527 | 898 | 310,909 | 697,006 | 1,455,757 |
| | 1890 | 95 | 3,334,575 | 1,271 | 548,879 | 1,330,290 | 2,846,862 |
| | 1900 | 145 | 12,212,341 | 2,094 | 820,678 | 1,651,335 | 3,722,151 |
| | 1905 | 131 | 10,195,793 | 2,157 | 898,700 | 1,868,901 | 4,438,794 |
| Labels and tags | 1880 | 19 | 451,500 | 328 | 149,268 | 492,655 | 865,825 |
| | 1890 | 47 | 646,815 | 618 | 288,960 | 402,371 | 1,048,304 |
| | 1900 | 47 | 848,115 | 754 | 289,278 | 387,517 | 1,104,652 |
| | 1905 | 67 | 2,117,654 | 1,348 | 609,439 | 957,028 | 2,462,497 |
| Lamps and reflectors | 1880 | 74 | 1,873,625 | 1,730 | 742,423 | 1,852,906 | 3,357,829 |
| | 1890 | 93 | 2,550,214 | 2,066 | 1,035,960 | 1,542,092 | 4,089,359 |
| | 1900 | 156 | 6,375,474 | 4,725 | 2,076,980 | 3,497,236 | 8,341,374 |
| | 1905 | 142 | 7,795,527 | 4,429 | 2,170,590 | 3,682,551 | 8,999,874 |
| Lapidary work | 1880 | 55 | 176,875 | 252 | 142,075 | 226,277 | 544,089 |
| | 1890 | 29 | 100,635 | 92 | 58,642 | 124,852 | 316,604 |
| | 1900 | 60 | 3,087,390 | 498 | 498,715 | 4,655,765 | 5,786,281 |
| | 1905 | 54 | 2,383,862 | 507 | 656,627 | 6,223,675 | 7,646,814 |
| Lard, refined | 1880 | 26 | 2,513,066 | 1,181 | 546,258 | 21,948,826 | 23,195,702 |
| | 1890 | 17 | 3,898,910 | 888 | 460,102 | 12,654,360 | 15,474,848 |
| | 1900 | 19 | 1,335,759 | 499 | 237,980 | 7,496,845 | 8,630,901 |
| | 1905 | 9 | 1,162,891 | 441 | 219,387 | 5,640,178 | 6,128,601 |
| Lasts | 1880 | 62 | 477,692 | 537 | 308,975 | 221,905 | 765,296 |
| | 1890 | 52 | 906,820 | 696 | 485,743 | 331,225 | 1,239,005 |
| | 1900 | 65 | 1,484,966 | 1,131 | 649,654 | 526,670 | 1,879,742 |
| | 1905 | 55 | 2,008,553 | 1,208 | 797,714 | 767,712 | 2,519,771 |
| Lead, bar, pipe, and sheet. | 1880 | 32 | 2,466,875 | 571 | 316,363 | 4,363,209 | 5,600,671 |
| | 1890 | 28 | 4,892,525 | 637 | 383,188 | 6,882,157 | 8,351,754 |
| | 1900 | 34 | 3,949,330 | 605 | 321,598 | 6,279,497 | 7,477,824 |
| | 1905 | 32 | 5,016,161 | 646 | 405,025 | 7,910,180 | 9,277,462 |
| Leather goods[c] | 1880 | 84 | 1,426,850 | 1,430 | 587,208 | 1,511,848 | 2,736,543 |
| | 1890 | 164 | 3,571,847 | 2,997 | 1,237,587 | 3,324,828 | 6,291,507 |
| | 1900 | 315 | 5,511,294 | 6,293 | 2,271,755 | 6,191,058 | 11,787,611 |
| | 1905 | 423 | 8,508,111 | 7,785 | 3,137,125 | 9,626,614 | 17,655,345 |
| Leather, tanned, curried, and finished.[d] | 1880 | 5,628 | 73,383,911 | 40,282 | 16,503,828 | 156,384,117 | 200,264,944 |
| | 1890 | 1,787 | 98,088,608 | 42,392 | 21,249,989 | 122,946,721 | 172,136,092 |
| | 1900 | 1,306 | 173,977,421 | 52,109 | 22,591,091 | 155,000,004 | 204,088,127 |
| | 1905 | 1,049 | 242,584,254 | 57,239 | 27,049,152 | 191,179,073 | 252,620,986 |
| Lime and cement[e] | 1880 | 615 | 6,382,338 | 5,669 | 1,579,313 | 2,649,189 | 5,772,318 |
| | 1890 | 873 | 18,752,396 | 13,043 | 4,944,313 | 5,607,863 | 15,741,801 |
| | 1900 | 998 | 48,786,780 | 19,085 | 7,740,735 | 11,039,727 | 28,673,735 |
| | 1905 | 831 | 121,558,746 | 32,828 | 15,301,540 | 22,378,182 | 54,788,477 |
| Linen goods[f] | 1880 | 6 | 906,800 | 1,414 | 384,046 | 1,131,875 | 1,802,451 |
| | 1890 | 3 | 908,589 | 574 | 167,184 | 268,907 | 547,273 |
| | 1900 | 18 | 5,688,999 | 3,283 | 1,036,889 | 2,550,517 | 4,368,159 |
| | 1905 | 15 | 6,298,878 | 3,811 | 1,324,621 | 3,740,669 | 5,856,388 |
| Liquors, distilled | 1880 | 844 | 24,247,595 | 6,502 | 2,663,967 | 27,744,245 | 41,063,663 |
| | 1890 | 440 | 31,006,176 | 4,762 | 2,246,064 | 14,909,173 | 104,197,869 |
| | 1900 | 965 | 32,540,004 | 3,720 | 1,732,798 | 15,145,363 | 96,793,681 |
| | 1905 | 805 | 50,101,362 | 5,355 | 2,657,025 | 25,625,858 | 131,269,886 |

[a] See note *a*, page 194, as to gross and net value of products.
[b] Includes custom and neighborhood shops in 1880 and 1890.
[c] Includes 2 establishments in 1900, 8 in 1890, and 24 in 1880 reported as "Leather board," 17 in 1890 and 3 in 1880 reported as "Bellows," and 139 in 1890 and 57 in 1880 as "Leather goods."
[d] Includes 38 establishments in 1890 reported as "Leather, dressed skins," 121 as "Leather, morocco," 82 as "Leather, patent and enameled," and 1,596 as "Leather, tanned and curried;" and 2,319 in 1880 as "Leather, curried," 202 as "Leather, dressed skins," 2 as "Leather, patent and enameled," and 3,105 as "Leather, tanned." At the census of 1880 establishments engaged in both tanning and currying made a separate report for each branch of the industry and were counted twice.
[e] Includes 176 establishments reported as "Gypsum wall plaster," 526 as "Lime," and 129 as "Cement," in 1905.
[f] Includes 1 establishment reported as "Thread, linen," in 1880.

**No. 93.**—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CENSUS YEARS 1880, 1890, 1900, AND 1905—Continued.

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. | | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | | Average number. | Total wages. | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Liquors, malt | 1880 | 2,191 | 91,208,224 | 26,220 | 12,198,053 | 56,836,560 | 101,058,385 |
| | 1890 | 1,248 | 232,471,290 | 30,257 | 20,713,383 | 64,003,347 | 182,731,622 |
| | 1900 | 1,507 | 413,767,233 | 39,459 | 25,776,468 | 51,598,247 | 236,914,914 |
| | 1905 | 1,531 | 515,036,792 | 48,139 | 34,542,897 | 74,911,619 | 298,358,732 |
| Liquors, vinous | 1880 | 117 | 2,581,910 | 967 | 216,559 | 1,340,629 | 2,169,193 |
| | 1890 | 236 | 5,792,783 | 1,048 | 299,453 | 1,318,012 | 2,846,148 |
| | 1900 | 359 | 9,838,015 | 1,163 | 446,055 | 3,689,330 | 6,547,310 |
| | 1905 | 485 | 17,775,240 | 1,913 | 1,001,554 | 5,693,394 | 11,097,853 |
| Lithographing and engraving. | 1880 | 167 | 4,501,825 | 4,322 | 2,307,362 | 2,755,264 | 6,912,338 |
| | 1890 | 219 | 15,490,127 | 9,656 | 5,855,330 | 6,265,464 | 17,988,157 |
| | 1900 | 263 | 22,676,142 | 12,994 | 6,882,168 | 7,886,045 | 22,240,679 |
| | 1905 | 248 | 25,537,781 | 12,614 | 8,198,676 | 8,349,823 | 25,245,266 |
| Looking-glass and picture frames.[b] | 1880 | 645 | 4,437,666 | 6,188 | 2,471,105 | 4,831,248 | 9,596,219 |
| | 1890 | 1,290 | 8,554,995 | 7,928 | 3,846,857 | 7,069,115 | 16,376,173 |
| | 1900 | 362 | 5,500,301 | 6,029 | 2,550,371 | 4,729,282 | 10,846,929 |
| | 1905 | 442 | 7,633,863 | 6,625 | 3,314,735 | 4,975,121 | 13,269,645 |
| Lumber and timber products.[c] | 1880 | 25,758 | 181,466,392 | 148,290 | 31,893,098 | 146,312,937 | 233,608,886 |
| | 1890 | 22,617 | 557,881,054 | 311,964 | 87,934,284 | 242,562,296 | 437,957,382 |
| | 1900 | 23,053 | 400,857,337 | 413,335 | 148,007,845 | 242,685,257 | 555,197,271 |
| | 1905 | 19,127 | 517,224,128 | 404,626 | 183,021,519 | 183,786,210 | 580,022,690 |
| Lumber, planing-mill products, including sash, doors, and blinds.[d] | 1880 | 2,491 | 38,070,593 | 37,187 | 14,431,654 | 45,268,462 | 73,424,681 |
| | 1890 | 3,670 | 120,271,440 | 79,923 | 42,221,856 | 104,926,834 | 183,681,552 |
| | 1900 | 4,198 | 118,948,556 | 73,510 | 32,621,704 | 99,568,501 | 167,786,122 |
| | 1905 | 5,009 | 177,145,734 | 97,674 | 50,713,007 | 143,137,662 | 247,441,956 |
| Malt | 1880 | 216 | 14,390,441 | 2,332 | 1,004,548 | 14,321,423 | 18,273,102 |
| | 1890 | 202 | 24,293,864 | 3,328 | 1,590,175 | 17,100,074 | 23,442,559 |
| | 1900 | 146 | 39,288,102 | 1,990 | 1,182,513 | 14,816,741 | 19,373,600 |
| | 1905 | 141 | 47,934,204 | 2,054 | 1,456,908 | 23,620,984 | 30,288,984 |
| Mantels, slate, marble, and marbleized. | 1880 | 46 | 750,800 | 725 | 313,009 | 476,431 | 1,030,660 |
| | 1890 | 90 | 1,854,759 | 1,520 | 953,119 | 1,254,667 | 3,127,662 |
| | 1900 | 32 | 780,175 | 431 | 279,126 | 475,038 | 1,113,796 |
| | 1905 | 4 | 141,954 | 87 | 56,403 | 95,735 | 223,706 |
| Marble and stone work[e] | 1880 | 2,846 | 16,498,221 | 21,471 | 10,238,885 | 12,743,345 | 31,415,150 |
| | 1890 | 1,321 | 24,041,961 | 21,950 | 15,314,598 | 16,232,430 | 41,924,264 |
| | 1900 | 1,655 | 39,559,146 | 30,641 | 16,328,174 | 13,180,635 | 42,230,457 |
| | 1905 | 1,642 | 66,526,724 | 40,905 | 25,032,725 | 19,147,612 | 63,059,842 |
| Matches | 1880 | 37 | 2,114,850 | 2,219 | 535,911 | 3,298,562 | 4,668,446 |
| | 1890 | 27 | 1,941,092 | 1,696 | 473,556 | 935,008 | 2,193,638 |
| | 1900 | 22 | 3,893,000 | 2,047 | 612,715 | 3,420,740 | 6,005,937 |
| | 1905 | 23 | 5,334,035 | 3,185 | 1,100,890 | 3,284,855 | 5,646,741 |
| Mats and matting | 1880 | 12 | 212,000 | 285 | 125,129 | 233,707 | 439,370 |
| | 1890 | 24 | 392,639 | 383 | 172,874 | 301,591 | 608,625 |
| | 1900 | 9 | 994,155 | 1,197 | 237,282 | 516,137 | 1,165,330 |
| | 1905 | 12 | 838,607 | 625 | 249,104 | 574,168 | 1,242,996 |
| Mattresses and spring beds.[b] | 1880 | 357 | 1,749,750 | 2,394 | 868,325 | 3,116,471 | 5,288,234 |
| | 1890 | 696 | 6,662,929 | 6,318 | 2,763,053 | 8,727,380 | 15,663,932 |
| | 1900 | 589 | 7,998,573 | 7,649 | 3,102,013 | 10,227,096 | 17,955,578 |
| | 1905 | 716 | 14,513,608 | 10,427 | 4,815,907 | 15,325,931 | 27,755,288 |
| Millinery and lace goods | 1880 | 247 | 2,678,880 | 6,555 | 1,661,044 | 6,142,091 | 9,577,840 |
| | 1890 | 278 | 6,630,210 | 11,118 | 4,526,021 | 8,588,342 | 18,047,067 |
| | 1900 | 591 | 10,764,813 | 16,871 | 5,817,855 | 15,654,295 | 29,469,406 |
| | 1905 | 860 | 17,849,821 | 27,500 | 10,307,241 | 26,258,916 | 50,777,768 |
| Millstones[f] | 1880 | 16 | 178,900 | 174 | 96,534 | 172,725 | 355,519 |
| | 1890 | 4 | 49,450 | 24 | 12,764 | 18,294 | 47,152 |
| | 1900 | 3 | 49,238 | 37 | 20,957 | 30,995 | 75,922 |
| Mineral and soda waters[a] | 1880 | 512 | 2,569,561 | 2,726 | 1,065,633 | 2,117,764 | 4,741,709 |
| | 1890 | 1,377 | 10,781,817 | 5,919 | 2,780,103 | 4,562,803 | 14,353,745 |
| | 1900 | 2,763 | 19,726,890 | 8,788 | 4,079,770 | 8,565,351 | 23,268,876 |
| | 1905 | 3,469 | 28,100,022 | 10,879 | 5,487,901 | 10,002,292 | 30,251,150 |
| Mirrors | 1880 | 7 | 155,800 | 77 | 42,900 | 212,600 | 304,000 |
| | 1890 | 45 | 1,695,772 | 1,404 | 842,407 | 3,274,131 | 6,000,533 |
| | 1900 | 103 | 3,184,426 | 2,555 | 1,231,689 | 4,995,671 | 8,004,391 |
| | 1905 | 119 | 3,859,469 | 2,649 | 1,374,807 | 4,587,349 | 7,605,435 |

[a] See note *a*, page 194, as to gross and net value of products.
[b] Includes custom and neighborhood shops in 1880 and 1890.
[c] Includes 21,011 establishments in 1890 reported as "Lumber and other mill products from logs or bolts," and 1,606 as "Timber products, not manufactured at mill," and 25,708 in 1880 as "Lumber, sawed," 45 as "Shingles, split," and 5 as "Veneering." Includes custom mills in 1880 and 1890.
[d] Includes 1,208 establishments reported as "Lumber, planed," and 1,288 as "Sash, doors, and blinds," in 1880.
[e] Includes 477 establishments reported as "Artificial stone" in 1905. Includes custom and neighborhood shops in 1880 and 1890.
[f] Included in "All other industries" in 1905.

No. 93.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CENSUS YEARS 1880, 1890, 1900, AND 1905—Continued.

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. | | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | | Average number. | Total wages. | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Mixed textiles[b] | 1880 | 470 | 37,996,057 | 43,373 | 13,816,753 | 37,227,741 | 66,221,703 |
| Models and patterns, not including paper patterns.[c] | 1880 | 233 | 447,351 | 815 | 421,857 | 223,906 | 1,020,650 |
| | 1890 | 456 | 1,594,804 | 1,627 | 1,005,145 | 510,636 | 2,734,395 |
| | 1900 | 530 | 2,249,984 | 2,607 | 1,564,948 | 824,852 | 3,834,498 |
| | 1905 | 547 | 2,895,827 | 2,780 | 1,788,184 | 922,081 | 4,545,004 |
| Monuments and tombstones.[d] | 1890 | 2,052 | 13,073,282 | 9,778 | 6,028,025 | 7,636,474 | 20,671,498 |
| | 1900 | 1,265 | 12,643,030 | 10,614 | 6,236,006 | 7,890,137 | 20,322,981 |
| | 1905 | 1,439 | 15,817,344 | 12,624 | 8,213,030 | 8,755,417 | 25,688,607 |
| Mucilage and paste | 1880 | 4 | 3,100 | 9 | 3,090 | 8,770 | 16,700 |
| | 1890 | 55 | 748,826 | 309 | 119,782 | 755,034 | 1,276,611 |
| | 1900 | 116 | 1,220,426 | 458 | 193,082 | 1,613,442 | 2,556,499 |
| | 1905 | 111 | 2,430,311 | 470 | 237,349 | 2,300,625 | 3,556,423 |
| Musical instruments and materials, not specified. | 1880 | 84 | 654,850 | 573 | 293,062 | 385,776 | 853,746 |
| | 1890 | 293 | 1,329,329 | 1,056 | 605,110 | 510,664 | 1,888,613 |
| | 1900 | 229 | 3,896,101 | 2,405 | 1,232,039 | 1,205,337 | 3,394,734 |
| | 1905 | 181 | 3,743,469 | 2,139 | 1,162,068 | 1,129,939 | 3,481,710 |
| Musical instruments, organs and pianos, and piano and organ materials.[e] | 1880 | 345 | 13,791,915 | 10,777 | 6,805,732 | 7,975,451 | 18,400,993 |
| | 1890 | 381 | 28,321,160 | 17,040 | 11,043,538 | 13,925,499 | 34,979,556 |
| | 1900 | 390 | 43,810,481 | 21,309 | 11,542,863 | 17,370,685 | 41,024,244 |
| | 1905 | 444 | 68,481,910 | 33,081 | 18,527,078 | 27,986,627 | 66,092,630 |
| Needles, pins, and hooks and eyes.[f] | 1880 | 45 | 1,564,738 | 1,305 | 480,535 | 805,999 | 1,748,101 |
| | 1890 | 55 | 2,269,707 | 1,827 | 755,555 | 776,057 | 2,109,469 |
| | 1900 | 52 | 4,617,552 | 2,653 | 1,067,364 | 1,227,997 | 3,237,982 |
| | 1905 | 46 | 5,331,939 | 3,965 | 1,595,923 | 1,583,644 | 4,750,589 |
| Nets and seines | 1880 | 13 | 140,650 | 210 | 54,112 | 180,215 | 291,765 |
| | 1890 | 22 | 1,135,764 | 618 | 190,121 | 634,634 | 1,002,196 |
| | 1900 | 19 | 1,160,782 | 748 | 222,146 | 865,908 | 1,476,022 |
| | 1905 | 12 | 2,043,405 | 824 | 243,551 | 1,140,516 | 1,724,912 |
| Oakum[g] | 1890 | 7 | 275,675 | 142 | 46,816 | 231,733 | 363,400 |
| | 1900 | 7 | 416,199 | 171 | 51,343 | 283,862 | 440,237 |
| | 1905 | 6 | 488,502 | 142 | 48,945 | 240,929 | 361,198 |
| Oil, castor | 1880 | 8 | 474,000 | 108 | 44,714 | 384,890 | 653,900 |
| | 1890 | 7 | 621,798 | 77 | 44,532 | 431,231 | 573,363 |
| | 1900 | 3 | 539,221 | 49 | 29,068 | 293,408 | 395,400 |
| | 1905 | 4 | 625,018 | 43 | 28,256 | 487,292 | 642,665 |
| Oil, cotton-seed and cake. | 1880 | 45 | 3,862,300 | 3,319 | 880,836 | 5,091,251 | 7,690,921 |
| | 1890 | 119 | 12,808,996 | 5,906 | 1,493,780 | 14,363,126 | 19,335,947 |
| | 1900 | 369 | 34,451,461 | 11,007 | 3,143,459 | 45,165,823 | 58,726,632 |
| | 1905 | 715 | 73,770,417 | 15,540 | 4,837,694 | 80,029,863 | 96,407,621 |
| Oil, essential | 1880 | 124 | 67,755 | 278 | 24,030 | 125,167 | 248,858 |
| | 1890 | 67 | 102,223 | 197 | 28,924 | 129,735 | 255,847 |
| | 1900 | 47 | 576,286 | 168 | 61,415 | 588,594 | 813,495 |
| | 1905 | 52 | 723,004 | 132 | 69,711 | 1,110,470 | 1,464,662 |
| Oil, lard | 1880 | 28 | 1,127,500 | 432 | 161,672 | 4,184,450 | 4,721,066 |
| | 1890 | 7 | 481,526 | 94 | 53,208 | 920,650 | 1,181,613 |
| | 1900 | 7 | 369,773 | 78 | 42,205 | 971,647 | 1,221,841 |
| | 1905 | 5 | 213,952 | 44 | 23,028 | 681,537 | 796,111 |
| Oil, linseed | 1880 | 81 | 5,872,750 | 1,416 | 681,677 | 12,874,294 | 15,393,812 |
| | 1890 | 62 | 14,003,358 | 1,886 | 977,344 | 19,374,543 | 23,534,306 |
| | 1900 | 48 | 15,460,512 | 1,328 | 693,311 | 24,395,775 | 27,184,331 |
| | 1905 | 30 | 9,849,695 | 1,349 | 785,634 | 23,153,151 | 27,577,152 |
| Oil, not elsewhere specified.[h] | 1880 | 76 | 2,014,298 | 536 | 260,239 | 2,944,335 | 3,933,058 |
| | 1890 | 137 | 4,936,763 | 848 | 520,958 | 5,938,842 | 9,994,930 |
| | 1900 | 195 | 9,626,984 | 1,411 | 715,650 | 10,043,629 | 17,483,799 |
| | 1905 | 181 | 11,014,605 | 1,261 | 729,380 | 13,756,074 | 22,127,258 |
| Oilcloth and linoleum, floor. | 1880 | 25 | 3,429,550 | 1,735 | 733,235 | 3,118,708 | 4,752,587 |
| | 1890 | 19 | 3,704,436 | 1,521 | 745,766 | 2,380,295 | 3,877,822 |
| | 1900 | 18 | 7,176,198 | 2,718 | 1,327,235 | 4,853,260 | 7,807,105 |
| | 1905 | 16 | 10,108,107 | 3,355 | 1,719,938 | 6,779,263 | 10,388,237 |
| Oilcloth, enameled | 1880 | 4 | 315,000 | 258 | 116,627 | 864,200 | 1,062,000 |
| | 1890 | 9 | 772,820 | 341 | 182,759 | 983,518 | 1,603,265 |
| | 1900 | 9 | 1,702,904 | 512 | 300,878 | 2,696,412 | 3,595,515 |
| | 1905 | 11 | 3,695,125 | 528 | 223,819 | 3,270,746 | 4,404,009 |

[a] See note *a*, page 194, as to gross and net value of products.
[b] Included in other classifications in 1890, 1900, and 1905.
[c] Includes 7 establishments in 1890 and 3 in 1880 reported as "Cigar molds."
[d] Included in "Marble and stone work" in 1880. Includes custom and neighborhood shops in 1890.
[e] Includes 94 establishments in 1905 reported as "Musical instruments, organs," 249 as "Musical instruments, pianos," and 101 as "Musical instruments, piano and organ materials;" 129 in 1900, 145 in 1890, and 171 in 1880, reported as "Musical instruments, organs and materials;" and 261 in 1900, 236 in 1890, and 174 in 1880, reported as "Musical instruments, pianos and materials."
[f] Includes 9 establishments in 1900, 10 in 1890, and 5 in 1880 reported as "Hooks and eyes."
[g] Included in other classifications in 1880.
[h] Includes 5 establishments in 1890 and 7 in 1880 reported as "Oil, illuminating, not including petroleum, refining;" 124 in 1890 and 51 in 1880 as "Oil, lubricating;" 8 in 1890 and 3 in 1880 as "Oil, resin;" and 15 in 1880 as "Oil, neat's-foot."

**No. 93.**—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CENSUS YEARS 1880, 1890, 1900, AND 1905—Continued.

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. | | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | | Average number. | Total wages. | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Oleomargarine | 1880 | 15 | 1,680,300 | 599 | 212,952 | 5,486,141 | 6,892,939 |
| | 1890 | 12 | 634,532 | 264 | 154,138 | 2,175,264 | 2,988,525 |
| | 1900 | 24 | 3,023,646 | 1,084 | 534,444 | 7,639,501 | 12,499,812 |
| | 1905 | 14 | 1,550,776 | 522 | 315,736 | 4,397,538 | 5,573,725 |
| Optical goods[b] | 1880 | 62 | 643,825 | 1,088 | 450,897 | 417,472 | 1,182,142 |
| | 1890 | 191 | 2,608,176 | 2,507 | 1,010,374 | 1,324,305 | 3,505,973 |
| | 1900 | 91 | 4,212,268 | 3,715 | 1,599,072 | 2,100,622 | 5,211,432 |
| | 1905 | 122 | 5,380,766 | 4,330 | 1,923,225 | 2,319,949 | 6,116,910 |
| Ordnance and ordnance stores.[c] | 1890 | 4 | 7,639,991 | 1,428 | 1,064,418 | 743,348 | 2,424,662 |
| | 1900 | 4 | 3,468,713 | 989 | 615,280 | 802,706 | 2,239,797 |
| | 1905 | 4 | 3,278,190 | 289 | 186,993 | 131,612 | 557,903 |
| Paints | 1880 | 244 | 13,555,292 | 4,483 | 2,132,255 | 17,062,552 | 23,390,767 |
| | 1890 | 382 | 34,009,203 | 7,044 | 3,568,757 | 24,930,532 | 40,438,171 |
| | 1900 | 419 | 42,501,782 | 8,151 | 3,929,787 | 33,799,386 | 50,874,995 |
| | 1905 | 449 | 55,783,259 | 9,781 | 5,063,177 | 46,306,183 | 67,277,910 |
| Paper and wood pulp[d] | 1880 | 742 | 48,139,652 | 25,631 | 8,970,133 | 34,862,132 | 57,366,860 |
| | 1890 | 649 | 89,829,548 | 31,050 | 13,204,828 | 44,228,480 | 78,937,184 |
| | 1900 | 763 | 167,507,713 | 49,646 | 20,746,426 | 70,530,236 | 127,326,162 |
| | 1905 | 761 | 277,444,471 | 65,964 | 32,019,212 | 111,251,478 | 188,715,189 |
| Paper goods, not elsewhere specified.[e] | 1890 | 66 | 2,922,449 | 1,519 | 611,353 | 2,627,454 | 4,179,235 |
| | 1900 | 190 | 11,370,585 | 6,117 | 2,242,702 | 9,819,820 | 16,785,269 |
| | 1905 | 232 | 18,198,221 | 9,842 | 3,712,537 | 12,743,559 | 22,159,202 |
| Paper patterns | 1880 | 4 | 105,100 | 97 | 40,538 | 44,000 | 512,550 |
| | 1890 | 27 | 156,106 | 409 | 108,526 | 85,269 | 377,456 |
| | 1900 | 15 | 255,775 | 835 | 262,259 | 124,804 | 562,353 |
| | 1905 | 26 | 2,236,860 | 1,082 | 444,659 | 337,022 | 2,265,125 |
| Patent medicines and compounds.[e] | 1880 | 563 | 10,620,880 | 4,025 | 1,651,596 | 6,704,729 | 14,682,494 |
| | 1890 | 1,127 | 18,596,823 | 7,058 | 2,955,383 | 11,030,916 | 32,620,182 |
| | 1900 | 1,719 | 36,677,833 | 11,606 | 4,334,425 | 18,000,441 | 58,988,181 |
| | 1905 | 2,245 | 45,611,640 | 10,980 | 4,351,867 | 21,293,051 | 74,520,765 |
| Paving materials[f] | 1880 | 46 | 745,750 | 757 | 244,339 | 576,301 | 1,024,243 |
| | 1890 | 704 | 12,648,093 | 21,720 | 9,425,208 | 13,891,005 | 30,644,072 |
| | 1900 | 99 | 13,464,451 | 2,436 | 1,143,799 | 1,582,378 | 3,935,593 |
| | 1905 | 54 | 5,218,399 | 1,919 | 952,884 | 2,665,987 | 5,033,086 |
| Pencils, lead | 1880 | 4 | 341,597 | 399 | 102,233 | 97,344 | 279,427 |
| | 1890 | 5 | 3,100,836 | 1,388 | 450,450 | 796,378 | 1,687,560 |
| | 1900 | 7 | 2,227,406 | 2,162 | 683,281 | 1,030,917 | 2,222,276 |
| | 1905 | 8 | 4,980,820 | 3,065 | 1,059,076 | 1,803,534 | 4,425,596 |
| Pens, fountain and stylographic.[e] | 1890 | 15 | 142,265 | 152 | 73,897 | 123,214 | 351,775 |
| | 1900 | 23 | 590,629 | 318 | 141,012 | 351,932 | 906,454 |
| | 1905 | 33 | 1,097,825 | 624 | 307,688 | 892,206 | 2,082,005 |
| Pens, gold | 1880 | 16 | 370,150 | 264 | 172,207 | 190,906 | 533,061 |
| | 1890 | 18 | 473,964 | 301 | 185,545 | 235,628 | 718,070 |
| | 1900 | 22 | 496,246 | 378 | 229,679 | 312,537 | 799,078 |
| | 1905 | 16 | 446,933 | 309 | 225,454 | 274,235 | 692,029 |
| Pens, steel | 1880 | 3 | 182,500 | 280 | 88,500 | 38,950 | 164,000 |
| | 1890 | 3 | 399,182 | 496 | 132,032 | 56,630 | 268,259 |
| | 1900 | 3 | 357,460 | 473 | 138,433 | 52,466 | 294,340 |
| | 1905 | 5 | 575,788 | 663 | 204,778 | 103,005 | 473,847 |
| Perfumery and cosmetics | 1880 | 67 | 813,827 | 741 | 238,259 | 1,201,409 | 2,203,004 |
| | 1890 | 157 | 2,238,901 | 1,396 | 501,520 | 2,128,420 | 4,630,141 |
| | 1900 | 262 | 3,490,173 | 1,764 | 568,646 | 3,135,017 | 7,087,704 |
| | 1905 | 292 | 4,843,026 | 2,082 | 768,537 | 4,781,603 | 11,132,859 |
| Petroleum, refining[g] | 1890 | 94 | 77,416,296 | 11,403 | 5,872,467 | 67,918,723 | 85,001,198 |
| | 1900 | 67 | 95,327,892 | 12,199 | 6,717,087 | 102,859,341 | 123,929,384 |
| | 1905 | 98 | 136,280,541 | 16,770 | 9,989,367 | 139,387,213 | 175,005,320 |
| Phonographs and graphophones.[h] | 1900 | 11 | 3,348,282 | 1,267 | 608,490 | 827,529 | 2,246,274 |
| | 1905 | 14 | 8,740,618 | 3,397 | 1,683,903 | 4,161,136 | 10,237,075 |
| Photographic apparatus | 1880 | 10 | 90,800 | 104 | 41,314 | 40,658 | 104,305 |
| | 1890 | 25 | 362,834 | 506 | 262,755 | 164,620 | 624,342 |
| | 1900 | 48 | 1,849,724 | 1,961 | 779,890 | 595,925 | 2,026,063 |
| | 1905 | 40 | 1,988,463 | 1,751 | 872,963 | 785,817 | 3,479,317 |
| Photographic materials | 1880 | 5 | 63,000 | 63 | 25,310 | 89,900 | 142,000 |
| | 1890 | 45 | 1,172,640 | 783 | 420,248 | 1,107,269 | 2,121,387 |
| | 1900 | 105 | 3,668,026 | 1,483 | 662,958 | 2,782,285 | 5,773,325 |
| | 1905 | 90 | 5,731,462 | 2,061 | 923,252 | 3,375,713 | 9,543,980 |

[a] See note *a*, page 194, as to gross and net value of products.
[b] Reported as "Spectacles and eyeglasses" in 1880. Includes custom and neighborhood shops in 1880 and 1890.
[c] Included in other classifications in 1880.
[d] Includes 82 establishments in 1890 reported as "Pulp, wood," and 50 in 1880 reported as "Wood pulp."
[e] Includes custom and neighborhood shops in 1880 and 1890.
[f] Includes construction work in 1880 and 1890.
[g] "Petroleum, refining" formed part of a separate report in 1880 and was not included in the general statistics of manufactures.
[h] Included in "All other industries" in 1890; no report received for this industry in 1880.

No. 93.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CENSUS YEARS 1880, 1890, 1900, AND 1905—Continued.

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. | | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | | Average number. | Total wages. | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Photolithographing and photo-engraving.[b] | 1890 | 89 | 1,134,873 | 1,145 | 760,619 | 541,395 | 2,071,580 |
| | 1900 | 203 | 1,994,421 | 2,691 | 1,749,578 | 725,069 | 4,190,002 |
| | 1905 | 223 | 4,070,813 | 3,876 | 2,916,078 | 1,303,147 | 7,268,262 |
| Pickles, preserves, and sauces.[c] | 1880 | 109 | 841,023 | 930 | 259,454 | 1,472,639 | 2,407,842 |
| | 1890 | 316 | 4,913,459 | 3,577 | 1,158,892 | 5,328,541 | 9,790,855 |
| | 1900 | 424 | 10,992,677 | 7,225 | 2,238,437 | 13,875,079 | 23,477,136 |
| | 1905 | 528 | 19,439,540 | 8,511 | 3,068,263 | 16,634,858 | 29,696,287 |
| Pipes, tobacco | 1880 | 37 | 233,800 | 645 | 226,306 | 209,518 | 628,688 |
| | 1890 | 69 | 1,432,753 | 1,206 | 571,815 | 626,668 | 1,881,262 |
| | 1900 | 98 | 1,111,144 | 1,585 | 737,647 | 1,106,299 | 2,471,908 |
| | 1905 | 68 | 1,255,575 | 1,947 | 830,801 | 1,354,348 | 2,834,496 |
| Plated ware | 1880 | 55 | 5,862,025 | 4,675 | 2,453,361 | 4,100,116 | 8,596,181 |
| | 1890 | 68 | 13,150,990 | 6,617 | 3,355,260 | 4,647,890 | 11,502,966 |
| | 1900 | 66 | 16,486,471 | 6,392 | 3,088,224 | 5,875,312 | 12,608,770 |
| | 1905 | 60 | 13,830,480 | 6,281 | 3,360,425 | 5,448,619 | 12,138,886 |
| Plumbers' supplies[d] | 1890 | 122 | 9,678,107 | 4,947 | 2,657,585 | 5,853,709 | 11,960,464 |
| | 1900 | 174 | 13,598,528 | 8,024 | 3,930,594 | 7,289,867 | 14,771,185 |
| | 1905 | 185 | 20,290,463 | 10,753 | 5,996,361 | 9,923,810 | 21,542,485 |
| Pocketbooks | 1880 | 53 | 598,350 | 1,413 | 484,947 | 930,033 | 1,769,036 |
| | 1890 | 62 | 1,121,834 | 1,208 | 491,911 | 968,948 | 2,165,462 |
| | 1900 | 68 | 991,876 | 1,653 | 588,595 | 1,278,226 | 2,495,188 |
| | 1905 | 46 | 2,127,824 | 2,281 | 796,985 | 1,926,723 | 3,767,446 |
| Pottery, terra cotta, and fire-clay products.[e] | 1880 | 752 | 7,366,323 | 10,221 | 3,600,727 | 2,909,063 | 8,977,333 |
| | 1890 | 707 | 26,127,104 | 18,980 | 8,869,032 | 5,618,401 | 22,057,050 |
| | 1900 | 1,060 | 65,951,885 | 43,714 | 17,691,737 | 11,915,236 | 44,263,386 |
| | 1905 | 873 | 110,926,018 | 52,428 | 25,177,665 | 16,591,462 | 64,200,792 |
| Printing and publishing, book and job.[f] | 1880 | 3,468 | 63,003,704 | 58,506 | 30,541,657 | 32,660,395 | 90,970,341 |
| | 1890 | 4,125 | 67,301,355 | 50,399 | 27,762,177 | 29,502,178 | 93,909,432 |
| | 1900 | 6,919 | 97,758,968 | 67,610 | 33,541,701 | 36,191,582 | 121,798,476 |
| | 1905 | 8,244 | 142,015,688 | 87,746 | 48,720,854 | 52,575,110 | 182,611,720 |
| Printing and publishing, music.[g] | 1890 | 79 | 1,816,205 | 462 | 223,783 | 401,415 | 1,683,333 |
| | 1900 | 87 | 2,313,966 | 778 | 375,202 | 449,674 | 2,272,885 |
| | 1905 | 145 | 3,487,017 | 577 | 340,176 | 541,220 | 4,147,783 |
| Printing and publishing, newspapers and periodicals.[h] | 1890 | 12,362 | 126,269,885 | 85,975 | 50,824,359 | 38,955,322 | 179,859,750 |
| | 1900 | 15,305 | 192,443,708 | 94,604 | 50,333,051 | 50,214,904 | 222,983,569 |
| | 1905 | 18,038 | 239,518,524 | 96,868 | 59,830,768 | 70,368,000 | 309,327,606 |
| Printing materials | 1880 | 27 | 199,900 | 191 | 98,878 | 190,353 | 421,316 |
| | 1890 | 64 | 1,370,487 | 715 | 338,096 | 567,638 | 1,459,434 |
| | 1900 | 70 | 905,603 | 560 | 232,799 | 406,357 | 1,088,432 |
| | 1905 | 77 | 1,008,889 | 357 | 239,036 | 372,480 | 1,207,163 |
| Pulp, from fiber other than wood.[i] | 1890 | 7 | 583,837 | 152 | 68,906 | 126,902 | 524,243 |
| | 1900 | 3 | 479,158 | 121 | 28,462 | 42,204 | 103,204 |
| Pulp goods[d] | 1890 | 9 | 418,045 | 252 | 111,484 | 122,851 | 352,582 |
| | 1900 | 22 | 2,316,985 | 691 | 283,835 | 646,689 | 1,267,013 |
| | 1905 | 17 | 3,197,832 | 696 | 283,658 | 719,161 | 1,467,407 |
| Pumps, not including steam pumps. | 1880 | 411 | 2,383,482 | 1,731 | 652,749 | 2,088,634 | 3,644,631 |
| | 1890 | 256 | 3,540,097 | 1,754 | 827,574 | 1,681,275 | 4,103,410 |
| | 1900 | 130 | 1,260,710 | 632 | 247,193 | 637,768 | 1,341,713 |
| | 1905 | 115 | 3,230,088 | 1,404 | 718,941 | 1,192,754 | 2,852,623 |
| Refrigerators | 1880 | 71 | 727,220 | 1,053 | 423,680 | 881,842 | 1,739,731 |
| | 1890 | 82 | 3,367,329 | 2,178 | 1,033,832 | 2,377,958 | 4,513,616 |
| | 1900 | 95 | 4,782,110 | 3,329 | 1,287,488 | 2,476,518 | 5,317,886 |
| | 1905 | 111 | 6,273,193 | 4,032 | 1,905,114 | 3,271,767 | 7,347,935 |
| Regalia and society banners and emblems.[e] | 1880 | 47 | 452,590 | 589 | 174,097 | 429,227 | 815,638 |
| | 1890 | 137 | 1,841,193 | 2,080 | 737,853 | 1,246,906 | 3,203,890 |
| | 1900 | 109 | 1,739,808 | 1,569 | 471,114 | 1,596,875 | 3,049,481 |
| | 1905 | 140 | 3,252,501 | 2,498 | 1,012,768 | 2,019,067 | 4,753,266 |
| Rice, cleaning and polishing. | 1880 | 22 | 562,200 | 516 | 110,467 | 2,666,497 | 3,133,324 |
| | 1890 | 32 | 2,073,884 | 647 | 223,433 | 5,601,206 | 6,693,196 |
| | 1900 | 80 | 2,601,352 | 651 | 265,585 | 7,575,522 | 8,723,726 |
| | 1905 | 74 | 8,821,099 | 1,492 | 640,632 | 13,315,065 | 16,296,916 |

[a] See note *a*, page 194, as to gross and net value of products.
[b] Reported as "Photolithographing and engraving" in 1890. Included in other classifications in 1880.
[c] Includes custom and neighborhood shops in 1880 and 1890.
[d] Included in other classifications in 1880.
[e] Includes 51 establishments reported as "Drain and sewer pipe," 686 as "Stone and earthen ware," and 15 as "Terra-cotta ware" in 1880. Reported as "Clay and pottery products" in 1890.
[f] Includes 27 establishments reported as "Printing, tip" in 1890. Reported as "Printing and publishing" in 1880 and includes 1 establishment reported as "Postal cards."
[g] Establishments reported as "Printing and publishing" in 1880 are shown under "Printing and publishing, book and job."
[h] "Printing and publishing, newspapers and periodicals" formed part of a separate report in 1880 and was not included in the general statistics of manufactures.
[i] Included in other classifications in 1880. Included in "All other industries" in 1905.

**No. 93.**—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CENSUS YEARS 1880, 1890, 1900, AND 1905—Continued.

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. | | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | | Average number. | Total wages. | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Roofing materials[b] | 1880 | 493 | 2,329,277 | 3,082 | 1,411,133 | 3,382,354 | 6,227,284 |
| | 1890 | 2,140 | 13,303,597 | 10,937 | 6,469,514 | 14,712,379 | 29,412,813 |
| | 1900 | 267 | 10,814,396 | 7,593 | 3,072,317 | 6,886,006 | 13,690,540 |
| | 1905 | 307 | 16,925,065 | 8,319 | 4,007,669 | 10,842,307 | 19,870,953 |
| Rubber and elastic goods[c] | 1880 | 93 | 6,284,187 | 6,763 | 2,450,672 | 9,641,167 | 14,518,924 |
| | 1890 | 139 | 13,703,787 | 9,183 | 3,663,976 | 11,113,528 | 18,708,917 |
| | 1900 | 261 | 39,302,353 | 20,404 | 8,081,803 | 33,482,314 | 52,621,830 |
| | 1905 | 224 | 46,297,537 | 21,184 | 9,412,368 | 38,912,226 | 62,995,909 |
| Rules, ivory and wood | 1880 | 6 | 54,200 | 56 | 19,974 | 16,075 | 66,200 |
| | 1890 | 16 | 172,918 | 136 | 51,933 | 34,325 | 154,173 |
| | 1900 | 11 | 202,724 | 213 | 66,732 | 72,657 | 207,757 |
| | 1905 | 13 | 253,496 | 149 | 54,860 | 55,113 | 248,906 |
| Saddlery and harness[d] | 1880 | 7,999 | 16,508,019 | 21,446 | 7,997,752 | 19,968,716 | 38,081,643 |
| | 1890 | 7,931 | 35,346,620 | 22,672 | 10,908,918 | 24,674,225 | 52,970,801 |
| | 1900 | 873 | 20,462,903 | 14,364 | 6,254,462 | 19,770,574 | 33,702,563 |
| | 1905 | 1,076 | 29,264,460 | 15,032 | 7,634,311 | 23,774,239 | 42,054,842 |
| Safes and vaults | 1880 | 40 | 2,201,600 | 2,206 | 1,096,504 | 1,431,083 | 3,352,396 |
| | 1890 | 39 | 4,603,118 | 3,316 | 2,129,615 | 2,635,313 | 6,641,844 |
| | 1900 | 35 | 5,479,879 | 2,033 | 1,017,237 | 1,689,148 | 3,927,867 |
| | 1905 | 31 | 7,326,133 | 3,488 | 2,162,246 | 3,211,336 | 7,861,069 |
| Salt[e] | 1880 | 276 | 8,548,640 | 4,493 | 1,305,020 | 2,354,742 | 5,191,222 |
| | 1890 | 200 | 13,437,749 | 4,255 | 1,593,442 | 1,826,770 | 5,484,618 |
| | 1900 | 159 | 27,123,364 | 4,774 | 1,911,140 | 3,335,922 | 7,966,897 |
| | 1905 | 146 | 25,586,282 | 4,666 | 2,066,399 | 4,166,137 | 9,437,662 |
| Sand and emery paper and cloth. | 1880 | 6 | 121,500 | 82 | 30,970 | 148,477 | 262,374 |
| | 1890 | 9 | 705,957 | 206 | 104,226 | 781,505 | 1,249,647 |
| | 1900 | 9 | 1,372,307 | 274 | 144,183 | 681,240 | 1,176,895 |
| | 1905 | 8 | 1,205,864 | 305 | 182,518 | 1,054,605 | 1,477,003 |
| Sausage[f] | 1890 | 249 | 1,128,562 | 837 | 363,226 | 1,935,170 | 3,055,367 |
| | 1900 | 198 | 1,408,897 | 878 | 453,420 | 3,213,260 | 4,588,456 |
| | 1905 | 292 | 2,704,246 | 1,265 | 739,824 | 5,568,593 | 8,122,904 |
| Saws | 1880 | 89 | 3,281,135 | 2,566 | 1,226,370 | 1,744,088 | 3,943,105 |
| | 1890 | 95 | 6,313,373 | 2,676 | 1,583,626 | 2,946,401 | 5,572,992 |
| | 1900 | 96 | 8,508,487 | 3,215 | 1,692,757 | 2,600,217 | 6,443,748 |
| | 1905 | 83 | 11,287,816 | 4,650 | 2,707,423 | 4,035,530 | 9,819,787 |
| Scales and balances | 1880 | 64 | 3,814,981 | 1,554 | 783,019 | 654,711 | 3,252,460 |
| | 1890 | 76 | 1,658,655 | 1,350 | 692,497 | 867,955 | 2,322,744 |
| | 1900 | 86 | 6,307,576 | 2,775 | 1,436,839 | 1,533,379 | 5,239,788 |
| | 1905 | 85 | 8,512,993 | 3,133 | 1,754,789 | 1,633,150 | 6,002,638 |
| Screws, machine[g] | 1880 | 20 | 4,265,000 | 1,585 | 456,542 | 935,800 | 2,184,532 |
| | 1890 | 20 | 1,672,343 | 1,057 | 474,463 | 331,701 | 1,183,341 |
| | 1900 | 25 | 2,466,796 | 1,557 | 702,965 | 797,308 | 2,058,723 |
| | 1905 | 26 | 4,133,141 | 1,965 | 941,859 | 950,627 | 2,711,600 |
| Screws, wood[h] | 1890 | 7 | 5,572,237 | 1,558 | 539,713 | 900,676 | 2,326,645 |
| | 1900 | 8 | 5,464,661 | 1,970 | 720,873 | 923,147 | 2,599,744 |
| | 1905 | 7 | 5,969,446 | 1,488 | 556,380 | 731,542 | 2,133,844 |
| Sewing-machine cases | 1880 | 18 | 741,300 | 1,822 | 683,338 | 1,239,400 | 2,064,837 |
| | 1890 | 7 | 1,430,403 | 1,822 | 852,603 | 990,439 | 2,249,551 |
| | 1900 | 7 | 1,338,341 | 2,658 | 1,065,180 | 1,533,880 | 2,815,142 |
| | 1905 | 8 | 5,887,643 | 4,450 | 2,028,933 | 2,593,141 | 5,272,547 |
| Sewing machines and attachments. | 1880 | 106 | 12,501,880 | 9,553 | 4,636,099 | 4,829,106 | 13,863,188 |
| | 1890 | 59 | 16,043,136 | 8,837 | 4,750,324 | 3,502,173 | 12,823,147 |
| | 1900 | 57 | 19,470,389 | 10,712 | 6,265,988 | 7,924,596 | 18,309,752 |
| | 1905 | 46 | 26,695,294 | 12,671 | 7,464,325 | 8,107,366 | 20,869,870 |
| Shipbuilding[i] | 1880 | 2,188 | 20,979,874 | 21,845 | 12,713,813 | 19,736,358 | 36,800,327 |
| | 1890 | 1,010 | 53,393,074 | 24,811 | 14,833,977 | 16,925,109 | 40,342,115 |
| | 1900 | 1,107 | 77,341,001 | 46,747 | 24,824,738 | 33,474,896 | 74,532,277 |
| | 1905 | 1,097 | 121,623,700 | 50,754 | 29,241,087 | 37,463,179 | 82,769,239 |
| Shirts[d] | 1880 | 549 | 6,841,778 | 25,687 | 5,403,696 | 11,306,444 | 20,130,031 |
| | 1890 | 869 | 14,273,611 | 31,207 | 9,193,495 | 15,704,353 | 33,638,593 |
| | 1900 | 690 | 19,642,658 | 36,622 | 10,894,327 | 22,950,564 | 47,121,530 |
| | 1905 | 641 | 23,379,774 | 36,499 | 11,233,392 | 25,639,402 | 50,971,105 |
| Shoddy | 1880 | 73 | 1,165,100 | 1,282 | 400,326 | 3,366,650 | 4,989,615 |
| | 1890 | 94 | 3,754,063 | 2,155 | 707,099 | 6,903,035 | 7,887,000 |
| | 1900 | 105 | 5,272,929 | 1,926 | 748,943 | 4,875,192 | 6,730,974 |
| | 1905 | 97 | 5,804,164 | 2,089 | 834,822 | 6,055,731 | 8,406,425 |

[a] See note *a*, page 194, as to gross and net value of products.
[b] Includes construction work in 1880 and 1890.
[c] Includes 3 establishments reported as "Rubber, vulcanized," in 1880.
[d] Includes custom and neighborhood shops in 1880 and 1890.
[e] Includes 8 establishments reported as "Salt, ground," in 1880.
[f] Included in other classifications in 1880. Includes custom and neighborhood shops in 1890.
[g] Reported as "Screws" in 1880.
[h] Establishments reported as "Screws" in 1880 are shown under "Screws, machine."
[i] Includes 54 establishments in 1905 and 44 in 1900 reported as "Shipbuilding, iron and steel," and 1,043 in 1905 and 1,063 in 1900 reported as "Ship and boat building, wooden."

No. 93.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CENSUS YEARS 1880, 1890, 1900, AND 1905—Continued.

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. | | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | | Average number. | Total wages. | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Show cases | 1880 | 93 | 341,970 | 692 | 329,230 | 519,585 | 1,172,172 |
| | 1890 | 99 | 1,208,022 | 1,331 | 718,102 | 1,077,345 | 2,569,557 |
| | 1900 | 102 | 1,152,898 | 1,363 | 708,211 | 1,057,666 | 2,467,901 |
| | 1905 | 141 | 3,143,094 | 3,082 | 1,681,071 | 2,374,097 | 5,721,724 |
| Silk and silk goods | 1880 | 382 | 19,125,300 | 31,337 | 9,146,705 | 22,467,701 | 41,033,045 |
| | 1890 | 472 | 51,007,587 | 49,382 | 17,762,441 | 51,004,425 | 87,298,454 |
| | 1900 | 483 | 81,082,201 | 65,416 | 20,982,194 | 62,406,665 | 107,256,258 |
| | 1905 | 624 | 109,556,621 | 79,601 | 26,767,943 | 75,861,188 | 133,288,072 |
| Silversmithing and silverware.[b] | 1880 | 77 | 1,898,098 | 1,160 | 752,583 | 1,130,560 | 2,517,561 |
| | 1890 | 54 | 5,728,414 | 2,419 | 1,588,751 | 2,333,581 | 6,435,304 |
| | 1900 | 103 | 14,141,929 | 5,813 | 3,443,142 | 5,783,645 | 13,505,583 |
| | 1905 | 98 | 23,901,545 | 8,580 | 5,265,049 | 9,010,086 | 20,700,703 |
| Slaughtering and meat packing, wholesale.[c] | 1880 | 872 | 49,419,213 | 27,297 | 10,508,530 | 267,738,902 | 303,562,413 |
| | 1890 | 611 | 98,190,766 | 37,502 | 20,304,029 | 366,993,662 | 433,252,315 |
| | 1900 | 557 | 173,866,377 | 64,681 | 31,033,850 | 605,223,221 | 697,056,065 |
| | 1905 | 559 | 219,818,627 | 69,593 | 37,090,399 | 706,230,069 | 801,757,187 |
| Slaughtering, wholesale, not including meat packing.[d] | 1890 | 507 | 18,696,738 | 6,478 | 4,000,947 | 113,968,549 | 128,359,353 |
| | 1900 | 325 | 14,933,804 | 3,705 | 2,358,403 | 76,873,618 | 86,723,126 |
| | 1905 | 370 | 17,896,063 | 4,541 | 3,236,573 | 99,626,900 | 112,157,487 |
| Smelting and refining, copper.[e] | 1900 | 47 | 53,063,395 | 11,324 | 8,529,021 | 122,174,129 | 165,131,670 |
| | 1905 | 40 | 76,824,640 | 12,752 | 10,827,043 | 196,736,986 | 240,780,216 |
| Smelting and refining, lead.[e] | 1900 | 39 | 72,148,933 | 8,319 | 5,088,684 | 144,195,163 | 175,466,304 |
| | 1905 | 32 | 63,822,810 | 7,573 | 5,374,691 | 168,958,076 | 185,826,839 |
| Smelting and refining, zinc.[f] | 1900 | 31 | 14,141,810 | 4,869 | 2,355,921 | 13,286,058 | 18,188,498 |
| | 1905 | 31 | 23,701,586 | 6,528 | 3,856,466 | 17,028,418 | 24,791,299 |
| Smelting and refining, not from the ore.[g] | 1880 | 4 | 162,100 | 311 | 158,300 | 8,171,900 | 8,411,100 |
| | 1890 | 50 | 9,425,912 | 1,646 | 951,300 | 25,285,191 | 28,188,826 |
| | 1900 | 61 | 5,200,523 | 983 | 532,068 | 5,899,935 | 7,784,695 |
| | 1905 | 65 | 9,807,238 | 1,712 | 994,951 | 13,759,805 | 17,402,987 |
| Soap and candles[h] | 1880 | 629 | 14,541,294 | 5,289 | 2,219,513 | 19,907,444 | 26,552,627 |
| | 1890 | 578 | 24,821,069 | 7,821 | 3,416,854 | 28,687,412 | 43,600,285 |
| | 1900 | 558 | 38,068,334 | 9,487 | 3,754,767 | 33,143,230 | 53,231,017 |
| | 1905 | 453 | 57,820,306 | 11,860 | 5,056,611 | 46,536,823 | 72,164,062 |
| Soda water apparatus | 1880 | 8 | 413,000 | 332 | 169,235 | 505,538 | 1,075,569 |
| | 1890 | 12 | 3,354,928 | 839 | 547,080 | 1,016,202 | 2,711,879 |
| | 1900 | 30 | 4,202,452 | 963 | 549,939 | 997,436 | 3,015,493 |
| | 1905 | 37 | 3,414,676 | 1,469 | 834,705 | 1,923,835 | 4,634,265 |
| Sporting goods | 1880 | 86 | 1,444,750 | 1,401 | 411,854 | 692,616 | 1,556,258 |
| | 1890 | 136 | 1,693,776 | 2,008 | 705,911 | 1,119,806 | 2,709,449 |
| | 1900 | 143 | 2,015,437 | 2,225 | 809,687 | 1,801,929 | 3,628,496 |
| | 1905 | 152 | 4,249,182 | 4,260 | 1,641,486 | 2,963,138 | 7,032,224 |
| Springs, steel, car and carriage. | 1880 | 59 | 1,769,293 | 1,530 | 699,412 | 2,846,818 | 3,654,862 |
| | 1890 | 57 | 3,459,422 | 1,734 | 962,942 | 2,219,408 | 4,331,571 |
| | 1900 | 48 | 4,684,278 | 2,102 | 1,061,006 | 3,024,656 | 5,690,499 |
| | 1905 | 52 | 4,016,463 | 2,476 | 1,242,553 | 2,741,764 | 5,740,836 |
| Stamped ware[i] | 1880 | 27 | 2,325,940 | 2,730 | 972,544 | 2,422,849 | 3,997,926 |
| | 1890 | 104 | 9,718,585 | 7,281 | 2,834,809 | 5,505,632 | 11,277,508 |
| | 1900 | 139 | 13,954,176 | 10,002 | 3,730,241 | 7,333,028 | 14,546,191 |
| | 1905 | 174 | 23,107,758 | 13,560 | 5,660,459 | 10,524,880 | 21,958,049 |
| Starch | 1880 | 139 | 5,328,256 | 3,119 | 919,197 | 4,911,060 | 7,477,742 |
| | 1890 | 80 | 4,929,155 | 2,903 | 959,108 | 5,153,677 | 8,934,517 |
| | 1900 | 124 | 11,671,567 | 2,655 | 1,099,696 | 5,806,422 | 9,232,984 |
| | 1905 | 131 | 7,007,695 | 1,803 | 866,479 | 5,260,854 | 8,082,904 |
| Stationery goods, not elsewhere specified.[j] | 1880 | 159 | 3,286,325 | 3,117 | 1,159,893 | 3,501,426 | 5,898,322 |
| | 1890 | 206 | 5,438,934 | 4,315 | 1,684,868 | 5,328,252 | 9,456,467 |
| | 1900 | 113 | 4,494,507 | 3,032 | 958,471 | 2,128,445 | 5,005,869 |
| | 1905 | 143 | 6,928,962 | 4,295 | 1,499,803 | 3,920,421 | 8,867,457 |

[a] See note *a*, page 194, as to gross and net value of products.

[b] Includes 44 establishments in 1900, 24 in 1890, and 38 in 1880 reported as "Silversmithing," and 59 in 1900, 30 in 1890, and 39 in 1880 reported as "Silverware."

[c] Reported as "Slaughtering and meat packing, not including retail butchering establishments," in 1880.

[d] Establishments reported as "Slaughtering and meat packing, not including retail butchering establishments," in 1880 are shown under "Slaughtering and meat packing, wholesale."

[e] Fragmentary statistics of copper and lead smelting were shown in "Mining industries" of 1880 and "Mineral industries" of 1890, but were not included in statistics of manufactures.

[f] Statistics for "Zinc" in 1890 and 1880 differ in several particulars from those for "Smelting and refining, zinc," in 1905 and for "Zinc, smelting and refining," in 1900; a comparison with the earlier years is therefore impracticable. The figures for 1890 and 1880 are given in this table under "Zinc."

[g] Reported as "Smelting and refining (base scrap metal not from the ore)" in 1880 and as "Smelting and refining" in 1890.

[h] Includes 436 establishments reported as "Soap" and 17 as "Candles" in 1905.

[i] Includes 5 establishments in 1890 and 1 in 1880 reported as "Fruit jar trimmings."

[j] Includes 6 establishments reported as "Pencil cases" in 1890.

**No. 93.**—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CENSUS YEARS 1880, 1890, 1900, AND 1905—Continued.

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. | | Cost of materials used. | Value of products, including custom work and repairing. [a] |
|---|---|---|---|---|---|---|---|
| | | | | Average number. | Total wages. | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Steam fittings and heating apparatus. | 1880 | 95 | 3,075,751 | 2,474 | 1,305,739 | 2,857,000 | 5,127,842 |
| | 1890 | 217 | 17,017,364 | 10,645 | 6,204,333 | 10,628,314 | 23,147,434 |
| | 1900 | 227 | 18,233,173 | 9,252 | 4,982,857 | 10,219,506 | 22,084,860 |
| | 1905 | 176 | 28,541,509 | 11,690 | 6,581,578 | 10,425,332 | 24,910,857 |
| Steam packing [b] | 1880 | 34 | 538,564 | 315 | 151,982 | 357,819 | 1,003,372 |
| | 1900 | 97 | 2,691,304 | 1,147 | 525,332 | 1,546,398 | 3,493,710 |
| | 1905 | 106 | 12,253,102 | 2,734 | 1,273,144 | 3,896,317 | 8,951,705 |
| Stencils and brands | 1880 | 104 | 224,525 | 305 | 139,639 | 144,554 | 472,514 |
| | 1890 | 106 | 445,165 | 357 | 209,482 | 167,590 | 732,611 |
| | 1900 | 92 | 532,528 | 418 | 206,231 | 140,711 | 673,784 |
| | 1905 | 103 | 683,367 | 530 | 285,458 | 171,787 | 793,421 |
| Stereotyping and electrotyping. | 1880 | 45 | 536,000 | 642 | 312,208 | 200,491 | 724,689 |
| | 1890 | 81 | 1,332,129 | 1,289 | 823,885 | 500,744 | 2,183,909 |
| | 1900 | 140 | 2,389,215 | 2,408 | 1,458,977 | 766,603 | 3,772,025 |
| | 1905 | 146 | 3,297,546 | 2,679 | 1,993,067 | 1,032,053 | 5,005,338 |
| Stoves, gas and oil [c] | 1890 | 24 | 1,199,528 | 923 | 506,726 | 840,126 | 2,137,944 |
| | 1900 | 35 | 3,766,065 | 2,471 | 1,138,442 | 2,501,568 | 4,579,700 |
| | 1905 | 79 | 9,981,711 | 3,676 | 1,946,489 | 3,786,763 | 7,723,697 |
| Straw goods, not elsewhere specified. | 1880 | 77 | 3,333,560 | 10,948 | 2,556,197 | 5,455,559 | 9,345,759 |
| | 1890 | 6 | 106,750 | 424 | 105,048 | 134,945 | 329,987 |
| | 1900 | 4 | 25,070 | 54 | 14,381 | 12,933 | 36,985 |
| | 1905 | 6 | 122,012 | 83 | 42,259 | 54,989 | 186,383 |
| Structural ironwork [d] | 1880 | 220 | 1,400,197 | 1,934 | 844,614 | 1,699,465 | 3,410,086 |
| | 1890 | 724 | 21,968,172 | 17,158 | 10,235,701 | 18,620,510 | 37,745,294 |
| | 1900 | 697 | 43,442,377 | 24,903 | 13,588,779 | 38,053,135 | 66,927,305 |
| | 1905 | 775 | 76,598,507 | 34,276 | 19,760,210 | 47,452,069 | 90,944,697 |
| Sugar and molasses, refining. | 1880 | 49 | 27,432,500 | 5,857 | 2,875,032 | 144,698,499 | 155,484,915 |
| | 1890 | 393 | 24,013,008 | 7,043 | 2,385,654 | 107,758,811 | 123,118,259 |
| | 1900 | 657 | 184,033,304 | 14,129 | 6,917,829 | 221,384,769 | 239,711,011 |
| | 1905 | 344 | 165,468,320 | 13,549 | 7,575,650 | 244,752,802 | 277,285,449 |
| Surgical appliances | 1880 | 71 | 843,142 | 477 | 265,372 | 286,720 | 906,303 |
| | 1890 | 155 | 856,396 | 612 | 300,804 | 524,488 | 1,650,033 |
| | 1900 | 219 | 2,487,494 | 1,539 | 620,801 | 1,291,580 | 3,932,358 |
| | 1905 | 180 | 5,383,203 | 2,811 | 1,154,663 | 2,729,271 | 6,385,293 |
| Tin and terne plate [e] | 1900 | 57 | 6,650,047 | 3,671 | 1,889,917 | 26,728,150 | 31,892,011 |
| | 1905 | 36 | 10,813,239 | 4,847 | 2,383,070 | 31,375,714 | 35,283,360 |
| Tin foil [f] | 1880 | 4 | 686,000 | 186 | 100,673 | 198,942 | 416,849 |
| | 1900 | 15 | 2,094,327 | 582 | 227,774 | 1,074,192 | 1,593,169 |
| | 1905 | 14 | 1,917,839 | 766 | 303,307 | 1,887,745 | 2,794,828 |
| Tinware, coppersmithing, and sheet-iron working. [g] | 1880 | 7,693 | 23,167,392 | 27,116 | 11,243,276 | 26,460,228 | 50,183,811 |
| | 1890 | 7,002 | 38,434,900 | 31,377 | 15,610,265 | 31,217,522 | 66,653,746 |
| | 1900 | 1,846 | 35,724,739 | 28,315 | 13,193,307 | 35,268,722 | 63,812,878 |
| | 1905 | 2,366 | 124,500,133 | 39,475 | 20,608,179 | 53,396,217 | 97,974,838 |
| Tobacco, chewing and smoking, and snuff. | 1880 | 477 | 17,207,401 | 32,756 | 6,419,024 | 34,397,072 | 52,793,056 |
| | 1890 | 395 | 30,841,316 | 29,790 | 6,947,158 | 29,192,249 | 65,843,587 |
| | 1900 | 437 | 43,856,570 | 29,161 | 7,109,821 | 35,038,287 | 103,754,362 |
| | 1905 | 433 | 178,847,556 | 23,990 | 6,775,325 | 44,954,047 | 116,767,630 |
| Tobacco, cigars, and cigarettes. | 1880 | 7,145 | 21,698,549 | 53,297 | 18,464,562 | 29,577,833 | 63,979,575 |
| | 1890 | 10,956 | 59,517,827 | 87,000 | 36,475,060 | 50,298,960 | 129,693,275 |
| | 1900 | 14,522 | 67,660,748 | 103,365 | 40,865,510 | 57,828,255 | 159,958,811 |
| | 1905 | 16,395 | 145,135,945 | 135,418 | 55,864,978 | 81,134,561 | 214,350,051 |
| Tools, not elsewhere specified. | 1880 | 145 | 4,384,109 | 3,151 | 1,489,531 | 1,532,556 | 4,236,568 |
| | 1890 | 462 | 11,376,622 | 6,410 | 3,482,052 | 3,517,269 | 10,528,025 |
| | 1900 | 446 | 13,686,562 | 7,614 | 3,781,607 | 4,656,558 | 13,358,300 |
| | 1905 | 584 | 22,919,371 | 11,643 | 6,048,587 | 7,249,567 | 20,407,372 |
| Toys and games | 1880 | 106 | 915,575 | 2,196 | 512,786 | 595,833 | 1,562,513 |
| | 1890 | 139 | 2,781,185 | 3,148 | 1,075,429 | 1,453,738 | 3,749,755 |
| | 1900 | 169 | 3,279,295 | 3,316 | 1,119,253 | 1,665,449 | 4,009,999 |
| | 1905 | 161 | 4,830,761 | 4,330 | 1,614,706 | 2,289,439 | 5,577,693 |
| Trunks and valises [h] | 1880 | 265 | 2,792,256 | 4,534 | 1,786,586 | 3,910,133 | 7,252,470 |
| | 1890 | 395 | 6,900,756 | 6,032 | 2,790,750 | 4,703,982 | 10,821,621 |
| | 1900 | 312 | 6,929,044 | 6,964 | 2,777,016 | 5,954,718 | 12,428,646 |
| | 1905 | 373 | 11,018,937 | 9,091 | 4,139,034 | 9,107,785 | 18,643,580 |

[a] See note *a*, page 194, as to gross and net value of products.
[b] Included in other classifications in 1880.
[c] Reported as "Gas and oil stoves" in 1900 and "Gas stoves" in 1890. Included in other classifications in 1880.
[d] Includes in 1900 that part of the classification of "Bridges" which relates to the manufacture of iron and steel bridges. Reported as "Ironwork, architectural and ornamental," in 1880, 1890, and 1900. Includes 131 establishments reported as "Iron railing, wrought," in 1880.
[e] No reports received for this industry in 1880 and 1890.
[f] Included in "All other industries" in 1890.
[g] Included in "Tinware, coppersmithing, and sheet-iron working" in 1905; in "Tinsmithing, coppersmithing, and sheet-iron working" in 1890 and 1900; and in "Tinware, copperware, and sheet-iron ware" in 1880. Includes custom and neighborhood shops in 1880 and 1890.
[h] Includes custom and neighborhood shops in 1880 and 1890.

No. 93.—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CENSUS YEARS 1880, 1890, 1900, AND 1905—Continued.

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. | | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | | Average number. | Total wages. | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Turpentine and rosin[b] | 1880 | 508 | 1,866,390 | 10,535 | 1,623,061 | 2,324,637 | 5,876,983 |
| | 1890 | 670 | 4,062,375 | 15,266 | 2,906,547 | 2,874,693 | 8,077,379 |
| | 1900 | 1,503 | 11,847,495 | 41,864 | 8,393,483 | 6,186,492 | 20,344,888 |
| | 1905 | 1,287 | 6,961,185 | 33,382 | 8,382,700 | 3,774,637 | 23,937,024 |
| Type founding | 1880 | 48 | 2,772,690 | 1,986 | 958,693 | 660,748 | 2,330,298 |
| | 1890 | 38 | 4,968,309 | 1,950 | 1,121,511 | 1,434,092 | 3,916,904 |
| | 1900 | 22 | 2,269,370 | 1,424 | 803,470 | 863,689 | 2,842,384 |
| | 1905 | 21 | 4,916,723 | 1,446 | 883,595 | 746,176 | 2,727,759 |
| Typewriters and supplies.[c] | 1890 | 30 | 1,421,783 | 1,631 | 945,476 | 632,723 | 3,630,126 |
| | 1900 | 47 | 8,400,431 | 4,340 | 2,403,604 | 1,402,170 | 6,932,029 |
| | 1905 | 66 | 16,641,892 | 6,232 | 3,468,784 | 1,870,261 | 10,640,495 |
| Umbrellas and canes[d] | 1880 | 172 | 2,658,725 | 3,608 | 1,158,682 | 4,502,777 | 6,917,463 |
| | 1890 | 435 | 5,646,289 | 6,022 | 2,435,860 | 7,562,921 | 13,771,927 |
| | 1900 | 202 | 4,604,998 | 5,640 | 1,868,514 | 8,381,216 | 13,668,986 |
| | 1905 | 204 | 8,951,442 | 5,386 | 1,826,043 | 8,250,246 | 13,296,046 |
| Upholstering materials | 1880 | 79 | 1,690,200 | 1,477 | 523,417 | 1,023,154 | 1,887,705 |
| | 1890 | 152 | 4,427,654 | 3,231 | 1,221,914 | 3,013,253 | 5,733,039 |
| | 1900 | 270 | 7,593,598 | 5,098 | 1,715,073 | 5,881,621 | 10,048,164 |
| | 1905 | 236 | 9,293,120 | 4,712 | 1,867,082 | 7,977,193 | 12,677,510 |
| Varnishes | 1880 | 81 | 3,778,100 | 573 | 366,716 | 3,699,684 | 5,721,174 |
| | 1890 | 140 | 11,308,943 | 1,145 | 732,715 | 7,805,663 | 13,795,510 |
| | 1900 | 181 | 17,550,892 | 1,546 | 995,803 | 10,939,131 | 18,687,240 |
| | 1905 | 190 | 19,702,955 | 1,852 | 1,200,431 | 13,520,491 | 23,561,699 |
| Vault lights and ventilators. | 1880 | 12 | 138,450 | 115 | 66,204 | 108,981 | 273,395 |
| | 1890 | 15 | 175,225 | 174 | 115,780 | 185,529 | 455,413 |
| | 1900 | 14 | 120,750 | 138 | 81,184 | 140,719 | 338,111 |
| | 1905 | 24 | 240,809 | 222 | 154,334 | 160,604 | 484,466 |
| Vinegar and cider[d] | 1880 | 306 | 2,151,766 | 1,257 | 413,451 | 1,888,173 | 3,418,038 |
| | 1890 | 694 | 5,858,395 | 2,637 | 720,681 | 3,268,455 | 6,649,300 |
| | 1900 | 613 | 5,629,930 | 1,557 | 652,077 | 3,134,313 | 5,931,692 |
| | 1905 | 568 | 7,519,853 | 1,528 | 725,148 | 3,852,233 | 7,265,469 |
| Wall paper[e] | 1880 | 25 | 3,560,500 | 2,487 | 874,921 | 3,629,222 | 6,267,308 |
| | 1890 | 27 | 5,709,909 | 2,584 | 1,172,154 | 3,572,027 | 7,431,726 |
| | 1900 | 51 | 8,899,794 | 4,172 | 2,074,138 | 6,072,809 | 10,663,209 |
| | 1905 | 44 | 12,354,329 | 3,913 | 1,868,213 | 6,658,165 | 12,636,580 |
| Washing machines and clothes wringers. | 1880 | 61 | 652,549 | 476 | 176,287 | 587,643 | 1,182,714 |
| | 1890 | 163 | 1,712,953 | 1,030 | 430,888 | 1,354,550 | 2,489,175 |
| | 1900 | 118 | 2,404,569 | 1,509 | 548,707 | 2,174,762 | 3,735,243 |
| | 1905 | 92 | 2,951,641 | 1,622 | 684,252 | 2,213,390 | 3,838,624 |
| Watch and clock materials.[f] | 1880 | 22 | 123,550 | 324 | 101,050 | 149,315 | 350,695 |
| | 1890 | 36 | 705,647 | 547 | 258,422 | 326,398 | 831,348 |
| | 1900 | 20 | 367,291 | 331 | 152,234 | 105,549 | 345,347 |
| | 1905 | 17 | 425,838 | 385 | 182,475 | 107,361 | 428,692 |
| Watch cases | 1880 | 27 | 1,584,740 | 1,758 | 976,041 | 2,812,922 | 4,589,314 |
| | 1890 | 45 | 4,727,100 | 3,679 | 1,896,587 | 5,022,455 | 8,618,479 |
| | 1900 | 30 | 8,119,292 | 3,907 | 1,924,847 | 4,393,647 | 7,783,960 |
| | 1905 | 28 | 12,649,771 | 4,221 | 2,170,507 | 4,428,627 | 8,626,504 |
| Watches | 1880 | 11 | 4,144,327 | 3,346 | 1,712,276 | 982,224 | 3,271,244 |
| | 1890 | 19 | 10,106,114 | 6,595 | 3,587,808 | 995,740 | 6,051,066 |
| | 1900 | 13 | 14,235,191 | 6,880 | 3,586,728 | 1,291,318 | 6,822,611 |
| | 1905 | 14 | 19,409,931 | 10,724 | 6,024,400 | 2,258,683 | 11,866,400 |
| Whalebone cutting[g] | 1880 | 12 | 166,450 | 175 | 75,003 | 371,450 | 526,777 |
| | 1890 | 9 | 221,358 | 69 | 38,013 | 555,173 | 682,977 |
| | 1900 | 3 | 56,200 | 14 | 7,856 | 98,875 | 135,000 |
| Wheelbarrows | 1880 | 22 | 266,200 | 239 | 72,489 | 101,853 | 227,392 |
| | 1890 | 26 | 1,116,359 | 567 | 251,189 | 637,720 | 1,185,565 |
| | 1900 | 15 | 513,467 | 321 | 127,398 | 180,036 | 454,441 |
| | 1905 | 26 | 1,045,087 | 584 | 295,959 | 494,313 | 1,177,780 |
| Whips | 1880 | 88 | 1,078,070 | 1,056 | 415,007 | 701,225 | 1,698,633 |
| | 1890 | 81 | 1,632,404 | 944 | 403,142 | 821,614 | 2,153,818 |
| | 1900 | 60 | 1,898,703 | 1,287 | 478,176 | 1,278,324 | 2,784,471 |
| | 1905 | 58 | 3,367,957 | 1,554 | 603,208 | 1,263,118 | 3,147,328 |
| Windmills | 1880 | 69 | 697,100 | 596 | 244,197 | 523,594 | 1,010,542 |
| | 1890 | 77 | 2,463,231 | 1,110 | 555,775 | 1,123,947 | 2,475,050 |
| | 1900 | 68 | 4,308,666 | 2,045 | 940,474 | 2,172,098 | 4,354,312 |
| | 1905 | 53 | 5,837,150 | 1,929 | 968,850 | 2,307,579 | 4,795,048 |
| Window shades and fixtures.[d] | 1880 | 131 | 1,385,515 | 1,279 | 479,133 | 1,635,700 | 2,826,518 |
| | 1890 | 182 | 4,167,457 | 2,025 | 1,016,255 | 5,341,874 | 9,239,669 |
| | 1900 | 96 | 5,184,341 | 1,801 | 752,144 | 5,575,126 | 8,071,854 |
| | 1905 | 144 | 5,976,748 | 2,624 | 1,086,232 | 5,946,478 | 8,930,630 |

[a] See note *a*, page 194, as to gross and net value of products.
[b] Reported as "Tar and turpentine" in 1880 and 1890.
[c] No report received for this industry in 1880.
[d] Includes custom and neighborhood shops in 1880 and 1890.
[e] Reported as "Paper hangings" in 1880, 1890, and 1900.
[f] Includes 4 establishments in 1890 and 2 in 1880 reported as "Clock cases and materials."
[g] Reported as "Whalebone and rattan" in 1880, 1890, and 1900. Included in "All other industries" in 1905.

**No. 93.**—SUMMARY OF MANUFACTURES, BY SPECIFIED INDUSTRIES, CENSUS YEARS 1880, 1890, 1900, AND 1905—Continued.

| Industry. | Census year. | Number of establishments. | Capital. | Wage-earners. | | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | | Average number. | Total wages. | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| Wire | 1880 | 40 | 4,230,071 | 6,169 | 1,982,731 | 7,034,065 | 10,836,605 |
| | 1890 | 24 | 11,607,685 | 7,596 | 3,856,522 | 15,038,540 | 22,012,804 |
| | 1900 | 29 | 4,242,173 | 1,603 | 859,645 | 7,014,319 | 9,421,238 |
| | 1905 | 25 | 14,898,817 | 4,787 | 2,858,743 | 30,062,487 | 37,914,419 |
| Wirework, including wire rope and cable. | 1880 | 305 | 3,681,893 | 4,459 | 1,708,165 | 5,410,084 | 9,127,818 |
| | 1890 | 569 | 11,757,902 | 6,954 | 3,085,591 | 8,325,435 | 15,552,857 |
| | 1900 | 596 | 16,344,629 | 9,142 | 3,894,001 | 10,813,342 | 19,840,382 |
| | 1905 | 649 | 26,893,614 | 13,379 | 6,099,869 | 17,856,211 | 33,038,495 |
| Wood carpet[b] | 1880 | 5 | 41,600 | 119 | 23,750 | 23,500 | 102,170 |
| | 1890 | 6 | 333,000 | 309 | 136,932 | 210,814 | 511,700 |
| | 1900 | 31 | 412,357 | 608 | 362,112 | 418,348 | 1,056,702 |
| | 1905 | 20 | 330,514 | 373 | 268,886 | 350,937 | 801,266 |
| Wood, preserving | 1880 | 2 | 120,000 | 36 | 14,717 | 62,700 | 101,110 |
| | 1890 | 4 | 262,718 | 80 | 29,317 | 50,697 | 143,475 |
| | 1900 | 21 | 1,229,746 | 478 | 205,105 | 1,825,355 | 2,395,748 |
| | 1905 | 26 | 2,934,935 | 737 | 314,664 | 2,462,860 | 3,368,480 |
| Wood, turned and carved[c] | 1880 | 916 | 4,482,800 | 7,240 | 2,585,578 | 3,637,950 | 8,426,817 |
| | 1890 | 872 | 7,825,668 | 7,402 | 3,333,553 | 3,947,227 | 10,939,647 |
| | 1900 | 1,166 | 10,280,208 | 11,558 | 4,370,713 | 5,829,996 | 14,317,573 |
| | 1905 | 1,097 | 16,842,528 | 14,687 | 6,031,148 | 8,578,415 | 20,169,173 |
| Woodenware, not elsewhere specified. | 1880 | 287 | 3,606,794 | 5,033 | 1,539,571 | 2,635,720 | 5,235,474 |
| | 1890 | 167 | 2,711,609 | 2,881 | 1,050,413 | 1,498,773 | 3,597,602 |
| | 1900 | 104 | 3,824,512 | 3,206 | 1,073,303 | 1,463,383 | 3,585,542 |
| | 1905 | 202 | 7,223,604 | 6,594 | 2,357,494 | 3,878,015 | 8,531,492 |
| Wool pulling[d] | 1900 | 34 | 944,715 | 475 | 247,950 | 53,975 | 531,287 |
| | 1905 | 34 | 2,534,029 | 681 | 364,754 | 103,984 | 881,706 |
| Wool scouring[d] | 1900 | 25 | 1,061,123 | 720 | 338,606 | 193,826 | 889,809 |
| | 1905 | 27 | 1,187,716 | 779 | 397,811 | 214,624 | 1,052,909 |
| Woolen goods | 1880 | 1,990 | 96,095,564 | 86,504 | 25,836,392 | 100,845,611 | 160,606,721 |
| | 1890 | 1,311 | 130,989,940 | 76,915 | 26,139,194 | 82,270,335 | 133,577,977 |
| | 1900 | 1,035 | 124,386,262 | 68,893 | 24,757,006 | 71,011,956 | 118,430,158 |
| | 1905 | 792 | 140,302,488 | 72,747 | 28,827,556 | 87,830,825 | 142,196,658 |
| Worsted goods | 1880 | 76 | 20,374,043 | 18,803 | 5,683,027 | 22,013,628 | 33,549,942 |
| | 1890 | 143 | 68,085,116 | 42,978 | 14,944,966 | 50,706,769 | 79,194,652 |
| | 1900 | 186 | 132,168,110 | 57,008 | 20,092,738 | 77,075,222 | 120,314,344 |
| | 1905 | 226 | 162,464,929 | 69,251 | 26,269,787 | 109,658,481 | 165,745,052 |
| Zinc[e] | 1880 | 16 | 2,022,600 | 1,298 | 666,970 | 1,771,055 | 2,725,165 |
| | 1890 | 8 | 1,007,320 | 1,052 | 614,826 | 2,005,682 | 2,976,730 |
| All other industries[f] | 1880 | 1 | 500 | 2 | 1,200 | 1,350 | 5,512 |
| | 1890 | 17 | 3,013,622 | 1,768 | 580,176 | 1,824,170 | 3,226,845 |
| | 1905 | 5 | 460,237 | 64 | 33,916 | 199,255 | 313,363 |

[a] See note *a*, page 194, as to gross and net value of products.
[b] Reported as "Carpets, wood," in 1880, 1890, and 1900.
[c] Includes 206 establishments reported as "Handles, wooden," in 1880.
[d] Included in other classifications in 1880 and 1890.
[e] The report for "Zinc" in 1880 and 1890 differed in several particulars from that for "Zinc, smelting and refining," in 1900, and a comparison between these industries is therefore impracticable.
[f] Embraces in 1905, "Millstones," 2; "Pulp, from fiber other than wood," 1; and "Whalebone cutting," 2; in 1890 "Fuel, artificial," 2; "Phonographs and graphophones," 2; "Racking hose," 1; "Rubber, vulcanized," 1; "Sugar and molasses, beet," 2; "Teazels," 5; "Thread, linen," 2; "Tinfoil," 2; in 1880, "Racking hose," 1.

## No. 94.—SUMMARY OF MANUFACTURES: BY STATES AND TERRITORIES, CENSUS YEARS 1900 AND 1905.[a]

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| State or Territory. | Census year. | Number of establishments. | Capital. | Wage-earners. Average number. | Wage-earners. Total wages. | Cost of materials used. | Value of products, including custom work and repairing.[b] |
|---|---|---|---|---|---|---|---|
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| United States | 1900 | 207,562 | 8,978,825,200 | 4,715,023 | 2,009,735,799 | 6,577,614,074 | 11,411,121,122 |
| | 1905 | 216,262 | 12,686,265,673 | 5,470,321 | 2,611,540,532 | 8,503,949,756 | 14,802,147,087 |
| Alabama | 1900 | 2,000 | 60,165,904 | 52,711 | 14,911,683 | 37,998,233 | 72,109,929 |
| | 1905 | 1,882 | 105,382,859 | 62,173 | 21,878,451 | 60,458,368 | 109,169,922 |
| Alaska | 1900 | 48 | 3,568,704 | 2,260 | 1,374,680 | 1,762,583 | 4,194,421 |
| | 1905 | 82 | 10,684,799 | 1,938 | 1,095,579 | 3,741,946 | 8,244,524 |
| Arizona | 1900 | 154 | 9,517,573 | 3,126 | 2,287,352 | 7,876,542 | 20,438,987 |
| | 1905 | 169 | 14,395,654 | 4,793 | 3,969,248 | 14,595,057 | 28,083,192 |
| Arkansas | 1900 | 1,746 | 25,384,636 | 31,525 | 10,184,154 | 18,288,045 | 39,887,578 |
| | 1905 | 1,907 | 46,306,116 | 33,089 | 14,543,635 | 21,799,346 | 53,864,394 |
| California | 1900 | 4,997 | 175,467,806 | 77,224 | 39,889,997 | 164,894,269 | 257,385,521 |
| | 1905 | 6,839 | 282,647,201 | 100,355 | 64,656,686 | 215,726,414 | 367,218,494 |
| Colorado | 1900 | 1,323 | 58,172,865 | 19,498 | 11,707,566 | 60,750,784 | 89,067,879 |
| | 1905 | 1,606 | 107,663,500 | 21,813 | 15,100,365 | 63,114,397 | 100,143,999 |
| Connecticut | 1900 | 3,382 | 299,206,925 | 159,783 | 73,394,062 | 169,671,648 | 315,106,150 |
| | 1905 | 3,477 | 373,283,580 | 181,605 | 87,942,628 | 191,301,881 | 369,082,091 |
| Delaware | 1900 | 633 | 38,791,402 | 20,562 | 8,457,003 | 24,725,317 | 41,321,061 |
| | 1905 | 631 | 50,925,630 | 18,475 | 8,158,203 | 24,883,806 | 41,160,276 |
| District of Columbia | 1900 | 491 | 17,960,498 | 6,155 | 3,022,906 | 7,475,216 | 16,426,408 |
| | 1905 | 482 | 20,199,783 | 6,299 | 3,658,370 | 7,731,971 | 18,359,159 |
| Florida | 1900 | 1,275 | 25,682,171 | 35,471 | 10,916,443 | 12,847,187 | 34,183,509 |
| | 1905 | 1,413 | 32,971,982 | 42,091 | 15,767,182 | 16,532,439 | 50,298,290 |
| Georgia | 1900 | 3,015 | 79,303,316 | 83,336 | 19,958,153 | 49,356,296 | 94,532,368 |
| | 1905 | 3,219 | 135,211,551 | 92,749 | 27,392,442 | 83,624,504 | 151,040,455 |
| Idaho | 1900 | 287 | 2,130,112 | 1,552 | 818,239 | 1,438,868 | 3,001,442 |
| | 1905 | 364 | 9,689,445 | 3,061 | 2,059,391 | 4,068,523 | 8,768,743 |
| Illinois | 1900 | 14,374 | 732,829,771 | 332,871 | 159,104,179 | 681,450,122 | 1,120,868,308 |
| | 1905 | 14,921 | 975,844,799 | 379,436 | 208,405,468 | 840,057,316 | 1,410,342,129 |
| Indian Territory | 1900 | 179 | 1,591,953 | 1,087 | 379,188 | 1,697,829 | 2,629,067 |
| | 1905 | 466 | 5,016,654 | 2,257 | 1,144,078 | 4,848,646 | 7,909,451 |
| Indiana | 1900 | 7,128 | 219,321,080 | 139,017 | 59,280,131 | 195,162,566 | 337,071,630 |
| | 1905 | 7,044 | 312,071,234 | 154,174 | 72,058,099 | 220,507,007 | 393,954,405 |
| Iowa | 1900 | 4,828 | 85,667,334 | 44,420 | 18,020,653 | 85,778,867 | 132,870,865 |
| | 1905 | 4,785 | 111,427,429 | 49,481 | 22,997,053 | 102,843,892 | 160,572,313 |
| Kansas | 1900 | 2,299 | 59,458,256 | 27,119 | 12,802,096 | 120,737,677 | 154,008,544 |
| | 1905 | 2,475 | 88,680,117 | 35,570 | 18,883,071 | 156,509,949 | 198,244,992 |
| Kentucky | 1900 | 3,648 | 87,995,822 | 51,735 | 18,454,252 | 67,406,202 | 126,508,660 |
| | 1905 | 3,734 | 147,282,478 | 59,794 | 24,438,684 | 86,545,464 | 159,753,968 |
| Louisiana | 1900 | 1,826 | 100,874,729 | 40,878 | 14,725,437 | 75,403,937 | 111,397,919 |
| | 1905 | 2,091 | 150,810,608 | 55,859 | 25,315,750 | 117,085,305 | 186,379,592 |
| Maine | 1900 | 2,878 | 114,007,715 | 69,914 | 25,730,735 | 61,210,327 | 112,959,098 |
| | 1905 | 3,145 | 143,707,750 | 74,958 | 32,691,759 | 80,042,090 | 144,020,197 |
| Maryland | 1900 | 3,886 | 149,155,313 | 94,170 | 32,414,429 | 129,354,412 | 211,076,143 |
| | 1905 | 3,852 | 201,877,966 | 94,174 | 36,144,244 | 150,024,066 | 243,375,996 |
| Massachusetts | 1900 | 10,929 | 781,867,715 | 438,234 | 195,278,276 | 498,655,033 | 907,626,439 |
| | 1905 | 10,723 | 965,948,887 | 488,399 | 232,388,946 | 626,410,431 | 1,124,092,051 |
| Michigan | 1900 | 7,310 | 246,996,529 | 155,800 | 62,531,812 | 175,966,128 | 319,691,856 |
| | 1905 | 7,446 | 337,894,102 | 175,229 | 81,278,837 | 230,080,931 | 429,120,060 |
| Minnesota | 1900 | 4,096 | 133,076,669 | 64,557 | 29,029,190 | 150,299,277 | 223,692,922 |
| | 1905 | 4,756 | 184,903,271 | 69,636 | 35,843,145 | 210,553,949 | 307,858,073 |
| Mississippi | 1900 | 1,294 | 22,712,186 | 26,799 | 7,909,607 | 16,543,029 | 33,718,517 |
| | 1905 | 1,520 | 50,256,309 | 38,690 | 14,819,034 | 25,800,885 | 57,451,445 |
| Missouri | 1900 | 6,853 | 223,781,088 | 107,704 | 46,713,734 | 184,189,030 | 316,304,095 |
| | 1905 | 6,464 | 379,368,827 | 133,167 | 66,644,126 | 252,258,417 | 439,548,957 |
| Montana | 1900 | 395 | 38,224,915 | 9,854 | 7,376,822 | 30,068,101 | 52,744,997 |
| | 1905 | 382 | 52,589,810 | 8,957 | 8,652,217 | 40,930,060 | 66,415,452 |
| Nebraska | 1900 | 1,695 | 65,906,052 | 18,669 | 8,842,429 | 95,925,178 | 130,302,453 |
| | 1905 | 1,819 | 80,235,310 | 20,260 | 11,022,149 | 124,051,628 | 154,918,220 |
| Nevada | 1900 | 99 | 1,251,208 | 504 | 352,606 | 662,284 | 1,261,005 |
| | 1905 | 115 | 2,891,997 | 802 | 693,407 | 1,627,776 | 3,096,274 |

[a] Neighborhood industries and hand trades were not included in the census of 1905; therefore in the preparation of this table, for purposes of comparison, the figures of 1900, as shown in other portions of this document, have been revised by the elimination of data for those industries and trades.

[b] See note *a*, page 194, as to gross and net value of products.

**No. 94.**—SUMMARY OF MANUFACTURES, BY STATES AND TERRITORIES, CENSUS YEARS 1900 AND 1905—Continued.

| State or Territory. | Census year. | Number of establishments. | Capital. | Wage-earners. | | Cost of materials used. | Value of products, including custom work and repairing.[a] |
|---|---|---|---|---|---|---|---|
| | | | | Average number. | Total wages. | | |
| | | | *Dollars.* | | *Dollars.* | *Dollars.* | *Dollars.* |
| New Hampshire | 1900 | 1,771 | 92,146,025 | 67,646 | 25,849,631 | 60,163,380 | 107,590,803 |
| | 1905 | 1,618 | 109,495,072 | 65,366 | 27,693,203 | 73,216,387 | 123,610,904 |
| New Jersey | 1900 | 6,415 | 477,301,565 | 213,975 | 95,164,913 | 334,726,094 | 553,005,684 |
| | 1905 | ,010 | 715,060,174 | 266,336 | 128,168,801 | 470,449,176 | 774,369,025 |
| New Mexico | 1900 | 174 | 2,160,718 | 2,490 | 1,199,496 | 1,998,593 | 4,060,924 |
| | 1905 | 199 | 4,638,248 | 3,478 | 2,153,068 | 2,235,934 | 5,705,880 |
| New York | 1900 | 35,957 | 1,523,502,651 | 726,909 | 337,323,585 | 1,018,377,186 | 1,871,830,872 |
| | 1905 | 37,194 | 2,031,459,515 | 856,947 | 430,014,851 | 1,348,603,286 | 2,488,345,579 |
| North Carolina | 1900 | 3,465 | 68,283,005 | 72,322 | 14,051,784 | 44,854,224 | 85,274,083 |
| | 1905 | 3,272 | 141,000,639 | 85,339 | 21,375,294 | 79,268,004 | 142,520,776 |
| North Dakota | 1900 | 337 | 3,511,968 | 1,358 | 671,321 | 4,150,860 | 6,259,840 |
| | 1905 | 507 | 5,703,837 | 1,755 | 1,031,307 | 7,095,986 | 10,217,914 |
| Ohio | 1900 | 13,868 | 570,908,968 | 308,109 | 136,427,579 | 409,302,501 | 748,670,855 |
| | 1905 | 13,785 | 856,988,830 | 364,298 | 182,429,425 | 527,636,585 | 960,811,857 |
| Oklahoma | 1900 | 316 | 2,462,438 | 1,294 | 514,879 | 3,732,618 | 5,504,869 |
| | 1905 | 657 | 11,107,763 | 3,199 | 1,655,324 | 11,545,306 | 16,549,656 |
| Oregon | 1900 | 1,406 | 28,359,089 | 14,459 | 6,822,011 | 20,788,833 | 36,592,714 |
| | 1905 | 1,602 | 44,023,548 | 18,523 | 11,448,512 | 30,596,763 | 55,525,123 |
| Pennsylvania | 1900 | 23,462 | 1,449,814,740 | 663,960 | 296,875,548 | 958,301,272 | 1,649,882,380 |
| | 1905 | 23,495 | 1,995,836,988 | 763,282 | 367,960,890 | 1,142,942,707 | 1,955,551,332 |
| Rhode Island | 1900 | 1,678 | 176,901,606 | 88,197 | 35,995,101 | 87,951,780 | 165,550,382 |
| | 1905 | 1,617 | 215,901,375 | 97,318 | 43,112,637 | 112,872,261 | 202,109,583 |
| South Carolina | 1900 | 1,369 | 62,750,027 | 47,025 | 9,130,269 | 30,485,861 | 53,335,811 |
| | 1905 | 1,399 | 113,422,224 | 59,441 | 13,868,950 | 49,968,626 | 79,376,262 |
| South Dakota | 1900 | 624 | 6,051,288 | 2,224 | 1,129,787 | 6,483,677 | 9,529,946 |
| | 1905 | 686 | 7,585,142 | 2,492 | 1,421,680 | 8,696,831 | 13,085,333 |
| Tennessee | 1900 | 3,116 | 63,140,657 | 45,963 | 14,727,506 | 54,559,039 | 92,749,129 |
| | 1905 | 3,175 | 102,439,481 | 60,572 | 22,805,628 | 79,351,746 | 137,960,476 |
| Texas | 1900 | 3,107 | 63,655,616 | 38,604 | 16,911,681 | 54,388,303 | 92,894,433 |
| | 1905 | 3,158 | 115,664,871 | 49,066 | 24,468,942 | 91,603,630 | 150,528,389 |
| Utah | 1900 | 575 | 13,219,039 | 5,413 | 2,762,522 | 11,440,250 | 17,981,648 |
| | 1905 | 606 | 26,004,011 | 8,052 | 5,157,400 | 24,939,827 | 38,926,464 |
| Vermont | 1900 | 1,938 | 43,499,633 | 28,179 | 11,426,548 | 26,384,812 | 51,515,228 |
| | 1905 | 1,699 | 62,658,741 | 33,106 | 15,221,059 | 32,429,852 | 63,083,611 |
| Virginia | 1900 | 3,186 | 92,299,589 | 66,223 | 20,273,889 | 59,359,484 | 108,644,150 |
| | 1905 | 3,187 | 147,989,182 | 80,285 | 27,943,058 | 83,649,149 | 148,856,525 |
| Washington | 1900 | 1,926 | 41,574,744 | 31,523 | 17,065,140 | 38,276,944 | 70,831,345 |
| | 1905 | 2,751 | 96,952,621 | 45,199 | 30,087,287 | 66,166,165 | 128,821,667 |
| West Virginia | 1900 | 1,824 | 49,103,138 | 33,080 | 12,639,856 | 37,228,253 | 67,006,822 |
| | 1905 | 2,109 | 86,820,823 | 43,758 | 21,153,042 | 54,419,206 | 99,040,676 |
| Wisconsin | 1900 | 7,841 | 286,060,566 | 137,525 | 55,695,816 | 185,695,393 | 326,752,878 |
| | 1905 | 8,558 | 412,647,051 | 151,391 | 71,471,805 | 227,255,092 | 411,139,681 |
| Wyoming | 1900 | 139 | 2,047,883 | 2,060 | 1,209,123 | 1,369,730 | 3,268,555 |
| | 1905 | 169 | 2,695,889 | 1,884 | 1,261,122 | 1,300,778 | 3,523,260 |

[a] See note *a*, page 194, as to gross and net value of products.

## No. 95.—MANUFACTURES: GROSS AND NET VALUES OF PRODUCTS,[a] CENSUS YEARS 1900 AND 1905, BY INDUSTRY GROUPS.

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| Group. | 1900[b] | | | | 1905 | | | |
|---|---|---|---|---|---|---|---|---|
| | Gross. | | Net. | | Gross. | | Net. | |
| | Value. | Rank. | Value. | Rank. | Value. | Rank. | Value. | Rank. |
| | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | |
| Food and kindred products | 2,273,880,874 | 1 | 1,750,811,817 | 1 | 2,845,234,900 | 1 | 2,176,489,626 | 1 |
| Textiles | 1,637,484,484 | 3 | 1,081,961,248 | 2 | 2,147,441,418 | 3 | 1,397,009,940 | 2 |
| Iron and steel and their products | 1,793,490,908 | 2 | 983,821,918 | 3 | 2,176,739,726 | 2 | 1,239,490,273 | 3 |
| Lumber and its remanufactures | 1,030,695,350 | 5 | 547,227,860 | 6 | 1,223,730,336 | 4 | 805,315,333 | 4 |
| Leather and its finished products | 583,731,046 | 9 | 329,614,996 | 11 | 705,747,470 | 9 | 401,011,414 | 10 |
| Paper and printing | 606,317,768 | 8 | 419,798,101 | 7 | 857,112,256 | 8 | 596,872,350 | 7 |
| Liquors and beverages | 425,504,167 | 12 | 349,157,618 | 10 | 501,266,605 | 11 | 431,735,208 | 9 |
| Chemicals and allied products | 552,797,877 | 10 | 372,538,857 | 8 | 1,031,965,263 | 5 | 714,489,549 | 5 |
| Clay, glass, and stone products | 293,564,235 | 13 | 245,447,118 | 14 | 391,230,422 | 12 | 334,971,057 | 11 |
| Metals and metal products, other than iron and steel | 748,795,464 | 7 | 371,154,446 | 9 | 922,262,456 | 7 | 442,912,699 | 8 |
| Tobacco | 283,076,546 | 14 | 264,052,573 | 12 | 331,117,681 | 13 | 307,100,175 | 13 |
| Vehicles for land transportation | 508,524,510 | 11 | 250,622,377 | 13 | 643,924,442 | 10 | 324,109,901 | 12 |
| Shipbuilding | 74,578,158 | 15 | 42,492,518 | 15 | 82,769,239 | 14 | 46,707,258 | 14 |
| Miscellaneous industries | 1,004,092,294 | 6 | 638,191,538 | 5 | 941,604,873 | 6 | 602,990,604 | 6 |
| Hand trades | 1,183,615,478 | 4 | 721,104,859 | 4 | (c) | (c) | (c) | (c) |
| Total | 13,000,149,159 | ..... | 8,367,997,844 | ..... | 14,802,147,087 | ..... | 9,821,205,387 | ..... |

[a] The gross value of manufactures as reported by the Census contains many duplications because the finished products of some factories frequently become the material for other factories. In this way not only one but several duplications of the cost of materials often occur. The net value of productions eliminates these duplications by deducting from the gross value the cost of all materials which have undergone any process of manufacture covered by the census reports on manufactures.

[b] The figures of production for 1900 differ from those shown in other portions of this volume for that year by reason of the fact that they exclude 10 lumber establishments reported for Alaska with products valued at $4,250,984.

[c] "Hand trades" not included in the census of 1905.

## No. 96.—MANUFACTURES: PERCENTAGE DISTRIBUTION, BY GROUPS OF STATES, CENSUS YEARS 1850 TO 1905.

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| Group of States and census years.[a] | Establishments. | Capital. | Wage-earners. | | Miscellaneous expenses. | Cost of materials used. | Value of products. |
|---|---|---|---|---|---|---|---|
| | | | Average number. | Wages. | | | |
| New England States: | *Per cent.* | *Per cent.* | *Per cent.* | *Per cent.* | *Per cent.* | *Per cent.* | *Per cent.* |
| 1850 | 18.3 | 31.1 | 32.7 | 31.8 | ..... | 27.6 | 27.8 |
| 1860 | 14.7 | 25.5 | 29.9 | 27.5 | ..... | 23.8 | 24.8 |
| 1870 | 12.8 | 23.1 | 25.7 | 27.2 | ..... | 24.3 | 23.8 |
| 1880 | 12.4 | 22.4 | 23.7 | 23.9 | ..... | 19.4 | 20.6 |
| 1890 | 13.6 | 18.0 | 19.3 | 19.0 | 15.7 | 15.3 | 16.0 |
| 1900 | 10.9 | 16.8 | 18.1 | 18.3 | 12.2 | 13.8 | 14.6 |
| 1905 | 10.3 | 14.7 | 17.2 | 16.8 | 11.5 | 13.1 | 13.7 |
| Middle States: | | | | | | | |
| 1850 | 43.9 | 44.2 | 43.9 | 44.3 | ..... | 47.9 | 46.4 |
| 1860 | 37.9 | 43.1 | 41.6 | 40.2 | ..... | 43.1 | 42.5 |
| 1870 | 34.7 | 42.7 | 39.2 | 41.4 | ..... | 41.7 | 41.8 |
| 1880 | 35.3 | 42.1 | 41.7 | 42.8 | ..... | 41.1 | 41.3 |
| 1890 | 35.2 | 39.2 | 38.5 | 40.8 | 36.3 | 38.1 | 38.9 |
| 1900 | 34.1 | 40.7 | 36.6 | 38.4 | 39.1 | 37.6 | 38.1 |
| 1905 | 33.6 | 39.5 | 36.7 | 37.3 | 38.7 | 37.0 | 37.3 |
| Southern States: | | | | | | | |
| 1850 | 16.7 | 12.6 | 11.5 | 9.5 | ..... | 9.5 | 9.9 |
| 1860 | 17.2 | 11.5 | 10.1 | 9.2 | ..... | 10.6 | 10.3 |
| 1870 | 15.4 | 6.6 | 9.1 | 5.8 | ..... | 6.5 | 6.6 |
| 1880 | 14.6 | 6.9 | 8.2 | 5.6 | ..... | 6.3 | 6.3 |
| 1890 | 13.1 | 7.8 | 9.7 | 7.1 | 8.2 | 7.4 | 7.5 |
| 1900 | 15.1 | 9.0 | 13.3 | 9.2 | 9.1 | 8.6 | 8.9 |
| 1905 | 15.3 | 11.0 | 14.0 | 10.7 | 10.1 | 10.2 | 10.5 |
| Central States: | | | | | | | |
| 1850 | 20.2 | 11.8 | 11.5 | 12.7 | ..... | 14.5 | 14.3 |
| 1860 | 23.4 | 17.1 | 14.2 | 14.9 | ..... | 19.5 | 18.1 |
| 1870 | 33.5 | 24.4 | 23.8 | 22.6 | ..... | 24.9 | 24.9 |
| 1880 | 32.3 | 25.1 | 23.6 | 24.1 | ..... | 29.4 | 28.0 |
| 1890 | 31.8 | 29.7 | 28.2 | 27.6 | 34.7 | 32.5 | 31.4 |
| 1900 | 32.0 | 27.8 | 27.4 | 28.3 | 35.6 | 31.4 | 30.9 |
| 1905 | 31.3 | 28.2 | 27.0 | 28.4 | 34.3 | 30.7 | 30.5 |
| Western States: | | | | | | | |
| 1850 | (b) | (b) | (b) | (b) | ..... | .1 | .1 |
| 1860 | .5 | .4 | .3 | .4 | ..... | .2 | .4 |
| 1870 | 1.5 | 1.0 | .8 | 1.1 | ..... | 1.0 | 1.1 |
| 1880 | 2.6 | 1.0 | 1.0 | 1.1 | ..... | 1.4 | 1.4 |
| 1890 | 3.2 | 2.0 | 1.8 | 2.2 | 2.4 | 3.6 | 3.0 |
| 1900 | 3.9 | 2.9 | 2.0 | 2.5 | 1.9 | 5.2 | 4.3 |
| 1905 | 4.2 | 3.2 | 2.1 | 2.7 | 2.4 | 5.3 | 4.3 |
| Pacific States: | | | | | | | |
| 1850 | .9 | .3 | .4 | 1.7 | ..... | .4 | 1.5 |
| 1860 | 6.3 | 2.4 | 3.9 | 7.8 | ..... | 2.8 | 3.9 |
| 1870 | 2.1 | 2.2 | 1.4 | 1.9 | ..... | 1.6 | 1.8 |
| 1880 | 2.8 | 2.5 | 1.8 | 2.5 | ..... | 2.4 | 2.4 |
| 1890 | 3.1 | 3.3 | 2.5 | 3.3 | 2.7 | 3.1 | 3.2 |
| 1900 | 4.0 | 2.1 | 2.6 | 3.2 | 2.1 | 3.4 | 3.2 |
| 1905 | 5.2 | 3.3 | 3.0 | 4.1 | 2.9 | 3.7 | 3.7 |
| Alaska: | | | | | | | |
| 1890 | (b) | (b) | (b) | (b) | (b) | (b) | (b) |
| 1900 | (b) | .1 | (b) | .1 | (b) | (b) | (b) |
| 1905 | .1 | .1 | (b) | (b) | .1 | (b) | (b) |

[a] New England States: Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut. Middle States: New York, New Jersey, Pennsylvania, Delaware, Maryland, District of Columbia. Southern States: Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Indian Territory, Oklahoma, Texas. Central States: Ohio, Michigan, Indiana, Illinois, Wisconsin, Minnesota, Iowa, Missouri. Western States: Montana, Idaho, Wyoming, North Dakota, South Dakota, Nebraska, Nevada, Utah, Colorado, Kansas, Arizona, New Mexico. Pacific States: Washington, Oregon, California.

[b] Less than one-tenth of 1 per cent.

## No. 97.—BUILDING OPERATIONS: NUMBER OF PERMITS AND COST OF BUILDINGS, BY PRINCIPAL CITIES, CALENDAR YEARS 1903 TO 1909.

[From reports of the Geological Survey.]

| City. | 1903 | | 1904 | | 1905 | | 1906 | | 1907 | | 1908 | | 1909 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Permits. | Cost of buildings. | Permits. | Cost of buildings. | Permits. | Cost of buildings. | Permits. | Cost of buildings. | Permits. | Cost of buildings. | Permits. | Cost of buildings. | Cost of buildings.[a] |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | *Dollars.* |
| Allegheny, Pa | 734 | 2,127,350 | 828 | 2,219,096 | 816 | 2,412,570 | 713 | 2,080,634 | 609 | 2,224,541 | (b) | (b) | (b) |
| Atlanta, Ga | 3,441 | 3,161,445 | 3,542 | 4,213,446 | 3,499 | 3,312,931 | 3,741 | 5,156,149 | 4,169 | 4,554,771 | 4,153 | 4,833,941 | 5,551,951 |
| Baltimore, Md | ..... | ..... | 2,046 | 5,842,559 | 2,976 | 16,638,200 | 2,826 | 12,619,970 | 3,129 | 8,250,677 | 2,893 | 7,554,709 | 8,134,814 |
| Boston, Mass | 2,841 | 15,264,940 | 2,779 | 22,028,067 | 2,249 | 12,364,747 | 3,328 | 23,064,741 | 3,546 | 19,223,226 | 2,632 | 11,253,712 | [c] 16,756,031 |
| Brooklyn, N. Y | 4,707 | 26,628,220 | 8,913 | 46,627,687 | 19,679 | 73,017,706 | 18,083 | 71,442,148 | 17,397 | 71,292,844 | 10,769 | 45,865,240 | ..... |
| Buffalo, N. Y | 2,011 | 6,263,402 | 2,677 | 6,638,319 | 2,886 | 7,401,006 | 2,867 | 8,686,030 | 3,049 | 8,742,082 | 2,788 | 6,847,000 | 9,895,000 |
| Cambridge, Mass | 519 | 1,290,694 | 473 | 1,964,020 | 470 | 1,659,875 | 457 | 1,458,105 | 451 | 2,729,345 | 425 | 2,153,070 | ..... |
| Chicago, Ill | 13,241 | 47,295,660 | 7,151 | 44,735,058 | 16,150 | 65,000,000 | 10,641 | 64,709,325 | 9,353 | 59,093,080 | 10,627 | 67,234,800 | 90,509,580 |
| Cincinnati, Ohio | 3,949 | 4,502,255 | 2,952 | 6,308,895 | 3,307 | 9,709,450 | 2,130 | 7,065,746 | 2,215 | 7,680,160 | 3,553 | 6,428,888 | 7,806,369 |
| Cleveland, Ohio | 3,226 | 6,259,931 | 3,911 | 6,562,590 | 4,976 | 9,777,145 | 7,553 | 12,972,974 | 8,174 | 15,888,407 | 6,674 | 9,896,869 | 13,028,294 |
| Columbus, Ohio | 1,529 | 3,909,189 | 1,652 | 3,785,335 | 2,133 | 5,107,400 | 2,025 | 4,006,175 | 2,173 | 4,181,260 | 1,698 | 3,400,273 | 3,598,601 |
| Dayton, Ohio | 1,200 | 1,000,000 | 1,283 | 2,380,000 | 1,176 | 2,350,000 | 1,223 | 2,898,380 | 1,394 | 3,837,180 | 1,193 | 3,234,280 | ..... |
| Denver, Colo | 1,946 | 4,725,401 | 2,081 | 4,091,668 | 2,455 | 6,374,537 | 2,461 | 7,000,996 | 2,509 | 6,349,604 | 3,117 | 10,098,020 | 11,559,983 |
| Detroit, Mich | 3,383 | 6,912,600 | 3,552 | 6,737,105 | 4,021 | 10,462,100 | 4,705 | 13,275,250 | 4,941 | 14,226,300 | 3,662 | 10,682,170 | 14,301,450 |
| Fall River, Mass | 385 | 1,023,900 | 314 | 769,450 | 291 | 885,625 | 275 | 939,325 | 312 | 1,414,916 | 399 | 1,140,927 | 1,239,692 |
| Grand Rapids, Mich | 1,114 | 1,178,581 | 1,328 | 1,635,624 | 1,486 | 2,145,265 | 1,250 | 2,181,307 | 1,174 | 2,053,755 | 1,064 | 2,181,759 | 2,872,427 |
| Hartford, Conn | 518 | 1,694,605 | 511 | 2,144,605 | 664 | 3,076,092 | 652 | 3,732,915 | 733 | 4,054,335 | 676 | 3,107,348 | 3,440,925 |
| Indianapolis, Ind | 2,532 | 3,026,292 | 3,238 | 4,072,136 | 4,041 | 7,225,325 | 3,825 | 5,530,998 | 3,903 | 5,893,726 | 4,013 | 5,895,928 | ..... |
| Jersey City, N. J | 1,103 | 3,011,951 | 1,118 | 3,523,780 | 1,352 | 3,330,522 | 1,503 | 4,334,244 | 1,687 | 6,008,014 | 1,367 | 4,490,466 | 6,943,015 |
| Kansas City, Kans | ..... | ..... | 643 | 1,022,891 | 818 | 1,172,093 | 541 | 3,622,670 | 944 | 1,472,279 | 792 | 1,108,472 | 1,196,097 |
| Kansas City, Mo | 3,644 | 7,705,375 | 4,351 | 8,816,757 | 4,437 | 10,917,024 | 3,993 | 10,765,480 | 3,943 | 9,611,922 | 3,840 | 10,562,041 | 13,368,738 |
| Los Angeles, Cal | 6,395 | 13,041,838 | 7,090 | 13,409,062 | 9,543 | 15,382,057 | 9,358 | 18,502,446 | 7,599 | 13,304,696 | 7,371 | 9,931,377 | 13,260,703 |
| Louisville, Ky | 1,749 | 2,428,332 | 1,904 | 2,313,596 | 2,255 | 4,506,382 | 2,916 | 5,116,917 | 2,634 | 3,078,404 | 2,909 | 2,914,141 | 3,172,311 |
| Lowell, Mass | ..... | ..... | ..... | ..... | 251 | 878,090 | 353 | 901,745 | 441 | 1,225,317 | 497 | 1,019,081 | 1,328,853 |
| Memphis, Tenn | 2,342 | 2,383,764 | 2,813 | 2,264,880 | 2,882 | 3,554,883 | 2,549 | 4,346,767 | 2,592 | 4,957,999 | 2,519 | 3,300,508 | 4,324,377 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Milwaukee, Wis. | 2,774 | 7,024,607 | 3,546 | 8,131,765 | 4,166 | 9,806,729 | 3,782 | 9,713,284 | 3,625 | 10,771,244 | 4,169 | 10,065,669 | 11,587,551 |
| Minneapolis, Minn | 7,882 | 7,720,804 | 4,466 | 6,701,965 | 4,825 | 8,905,205 | 4,724 | 9,466,150 | 4,960 | 10,006,485 | 5,638 | 10,093,915 | 13,092,390 |
| Nashville, Tenn | 6,049 | 1,420,912 | 5,849 | 1,450,422 | 5,636 | 2,609,889 | 5,124 | 2,840,212 | 5,202 | 2,040,458 | 4,215 | 1,969,505 | ..... |
| Newark, N. J | 1,695 | 5,473,779 | 2,182 | 6,304,947 | 2,379 | 10,214,615 | 1,946 | 10,411,328 | 2,732 | 9,543,520 | 2,419 | 7,161,668 | 14,177,159 |
| New Bedford, Mass | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 682 | 2,256,000 | 774 | 2,872,300 | 6,267,650 |
| New Haven, Conn | 307 | 1,624,601 | 404 | 1,909,460 | 467 | 2,143,240 | 687 | 3,018,890 | 781 | 2,824,942 | 919 | 3,091,465 | 4,226,322 |
| New Orleans, La | 1,798 | 2,964,154 | 1,798 | 2,964,154 | 1,970 | 4,070,077 | ..... | 5,098,773 | 1,880 | 5,815,247 | 2,457 | 5,744,311 | 5,165,212 |
| New York, N. Y.[d] | 3,306 | 86,502,231 | 6,149 | 108,318,458 | 10,043 | 178,032,527 | 8,573 | 154,964,655 | 7,470 | 113,372,673 | 6,103 | 117,819,382 | 275,523,123 |
| Oakland, Cal | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4,507 | 8,207,983 | 3,614 | 6,320,563 | 5,318,513 |
| Omaha, Nebr | 528 | 1,338,820 | 789 | 2,051,930 | 885 | 4,387,464 | 1,093 | 4,273,050 | 1,500 | 4,536,643 | 1,526 | 4,590,650 | ..... |
| Philadelphia, Pa | 9,257 | 33,487,211 | 8,398 | 28,967,760 | 15,933 | 34,416,745 | 17,872 | 40,711,510 | 15,359 | 36,352,075 | 13,363 | 28,152,265 | 42,881,370 |
| Pittsburg, Pa | 3,283 | 15,901,836 | 3,857 | 17,502,680 | 4,273 | 17,159,443 | 3,738 | 15,370,047 | 3,631 | 12,740,762 | [b] 4,023 | [b] 13,136,387 | [b] 15,549,426 |
| Portland, Oreg | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3,890 | 9,446,982 | 4,849 | 10,505,151 | 13,481,580 |
| Providence, R. I | 1,107 | 3,795,500 | 1,206 | 3,454,800 | 1,358 | 4,562,950 | 1,350 | 3,983,300 | 1,201 | 3,224,400 | 1,386 | 4,034,000 | ..... |
| Reading, Pa | 458 | 1,087,300 | 1,229 | 1,633,175 | 1,548 | 2,791,065 | 1,347 | 1,645,135 | 1,193 | 1,532,050 | 571 | 497,700 | 1,046,900 |
| Richmond, Va | 697 | 2,106,410 | 462 | 2,378,681 | 451 | 1,501,000 | 740 | 2,504,895 | 701 | 1,914,184 | 1,330 | 3,169,431 | 3,574,812 |
| Rochester, N. Y | 794 | 1,853,571 | 1,050 | 4,225,927 | 1,707 | 5,676,624 | 1,373 | 6,175,478 | 1,420 | 6,752,615 | 1,302 | 4,975,317 | 9,272,132 |
| St. Joseph, Mo | 753 | 933,045 | 985 | 688,027 | 877 | 670,195 | 898 | 1,052,746 | 824 | 1,667,563 | 678 | 1,717,723 | 2,255,759 |
| St. Louis, Mo | 4,802 | 14,544,430 | 5,960 | 14,075,794 | 8,285 | 23,434,734 | 8,988 | 29,938,693 | 8,554 | 21,893,167 | 9,119 | 21,190,369 | 23,733,272 |
| St. Paul, Minn | 1,470 | 3,645,775 | 2,675 | 7,033,110 | 1,657 | 8,536,345 | 2,813 | 9,537,449 | 1,892 | 6,321,937 | [c] 2,270 | 7,625,538 | 12,089,411 |
| San Francisco, Cal | 2,136 | 17,264,245 | 5,060 | 17,494,948 | 5,420 | 18,268,753 | 5,686 | 34,927,396 | 6,437 | 56,574,844 | 6,729 | 31,668,341 | 28,832,634 |
| Scranton, Pa | 889 | 1,528,877 | 977 | 1,850,267 | 1,144 | 2,212,929 | 1,097 | 2,174,075 | 937 | 2,435,024 | 892 | 2,366,405 | 3,987,943 |
| Seattle, Wash | 6,914 | 6,495,781 | 7,436 | 7,801,120 | 7,677 | 6,704,784 | 7,194 | 11,875,397 | 10,478 | 13,572,770 | 7,901 | 13,777,329 | 19,044,335 |
| Syracuse, N. Y | 609 | 1,755,503 | 734 | 2,739,827 | 837 | 2,275,610 | 1,057 | 3,313,261 | 1,299 | 4,222,282 | 1,291 | 3,317,195 | ..... |
| Toledo, Ohio | ..... | ..... | 1,091 | 1,960,297 | 1,139 | 3,087,142 | 1,759 | 4,696,058 | 1,176 | 3,400,665 | 1,065 | 2,081,448 | 3,033,863 |
| Washington, D. C | 6,841 | 11,584,603 | 6,384 | 13,042,491 | 7,577 | 12,308,943 | 8,453 | 11,668,347 | 5,015 | 10,215,604 | 5,258 | 10,800,096 | 15,887,478 |
| Worcester, Mass | 697 | 2,335,961 | 627 | 1,871,376 | 739 | 2,182,840 | 912 | 2,939,403 | 1,028 | 3,068,896 | 1,102 | 2,286,261 | 4,364,405 |
| Total | 127,555 | 397,225,681 | 140,464 | 468,660,007 | 185,806 | 644,620,873 | 181,174 | 678,710,969 | 187,445 | 646,059,855 | 174,594 | 566,165,404 | ..... |

[a] Figures for 1909 are according to reports of municipal authorities to the Bureau of Statistics and cover value of building permits.
[b] Statistics for Allegheny, Pa., which became a part of Pittsburg, Pa., February 1, 1908, are included under Pittsburg.
[c] Official estimate of the value of buildings erected and alterations completed.
[d] Data for the boroughs of Manhattan and Bronx only.
[e] Estimated.

## No. 98.—MINERAL PRODUCTION: Quantities and Values of Specified Kinds, Calendar Years 1904 to 1908.

[Data of the United States Geological Survey.]

| Product. | 1904 | | 1905 | | 1906 | | 1907 | | 1908 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. |
| METALLIC. | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| Pig iron, spot value[a]....long tons[b] | [c]16,497,033 | 233,025,000 | [c]22,992,380 | 382,450,000 | [c]25,307,191 | 505,700,000 | [c]25,781,361 | 529,958,000 | 15,936,018 | 254,321,000 |
| Silver, commercial value[d]....troy ounces | 57,682,800 | 32,456,024 | 56,101,600 | 34,221,976 | 56,517,900 | 38,256,400 | 56,514,700 | 37,299,700 | 52,440,800 | 28,050,600 |
| Gold, coining value[e]....do | 3,892,480 | 80,464,700 | 4,265,742 | 88,180,700 | 4,565,333 | 94,373,800 | 4,374,827 | 90,435,700 | 4,574,340 | 94,560,000 |
| Copper, value at New York City....pounds | 812,537,267 | 105,629,845 | 901,907,843 | 139,795,716 | 917,805,682 | 177,595,888 | 868,996,471 | 173,799,300 | 942,570,721 | 124,419,335 |
| Lead, value at New York City[f]....short tons[b] | 307,000 | 26,402,000 | 302,000 | 28,690,000 | 350,153 | 39,917,442 | 365,166 | 38,707,596 | 310,762 | 26,104,008 |
| Zinc, value at New York City....do | 186,702 | 18,670,200 | 203,849 | 24,054,182 | 199,694 | 24,362,668 | 223,745 | 26,401,910 | 190,749 | 17,930,406 |
| Quicksilver, value at San Francisco....flasks[g] | 34,570 | 1,503,795 | 30,451 | 1,103,120 | 26,238 | 958,634 | 21,567 | 828,931 | 19,752 | 824,146 |
| Aluminum, value at Pittsburg....pounds | [h]8,600,000 | 2,477,000 | [h]11,347,000 | 3,246,300 | [h]14,910,000 | 4,262,286 | [h]17,211,039 | 4,926,948 | 11,152,000 | 2,434,600 |
| Antimony, value at San Francisco[i]....short tons | 3,057 | 505,524 | 3,240 | 705,787 | 1,766 | 602,949 | 351 | 77,300 | | |
| Antimonial lead....do | | | | | | | 9,910 | 1,322,985 | 13,629 | 1,264,771 |
| Nickel, value at Philadelphia[j]....pounds | 24,000 | 11,400 | | (k) | | (k) | | (k) | | (k) |
| Tin....do | (l) | | (l) | | (l) | 35,600 | (l) | 33,285 | (l) | |
| Platinum (crude), value at New York City,[m] ounces troy | 200 | 4,160 | 318 | 5,320 | 1,439 | 45,189 | 357 | 10,589 | 750 | 14,250 |
| Total value of metallic products | | 502,149,648 | | 702,453,101 | | 886,110,856 | | 903,802,244 | | 549,923,116 |
| NONMETALLIC (SPOT VALUES[a]). | | | | | | | | | | |
| Bituminous coal[n]....short tons | 278,659,689 | 305,397,001 | 315,062,785 | 334,658,294 | 342,874,867 | 381,162,115 | 394,759,112 | 451,214,842 | 332,573,944 | 374,135,268 |
| Pennsylvania anthracite....long tons | 65,318,490 | 138,974,020 | 69,339,152 | 141,879,000 | 63,645,010 | 131,917,694 | 76,432,421 | 163,584,056 | 74,347,102 | 158,178,849 |
| Stone[o] | | 58,765,715 | | 63,798,748 | | 66,378,794 | | 71,105,805 | | 65,712,499 |
| Petroleum....barrels[p] | 117,080,960 | 101,175,455 | 134,717,580 | 84,157,399 | 126,493,936 | 92,444,735 | 166,095,335 | 120,106,749 | 179,572,479 | 129,706,258 |
| Natural gas | | 38,496,760 | | 41,562,855 | | 46,873,932 | | 54,222,399 | | 54,640,374 |
| Peat | | | | | | | | | | 133,000 |
| Clay products[q] | | 131,023,248 | | 149,697,188 | | 161,032,722 | | 158,942,369 | | 133,197,762 |
| Cement....barrels[r] | 31,675,257 | 26,031,920 | 40,102,308 | 35,931,533 | 51,000,445 | 55,302,277 | 52,230,342 | 55,903,851 | 52,910,925 | 44,477,653 |
| Lime....short tons | 2,707,809 | 9,951,456 | 2,984,100 | 10,941,680 | 3,198,087 | 12,480,653 | 3,092,524 | 12,656,705 | 2,766,873 | 11,091,186 |
| Sand-lime brick | | 463,128 | | 972,064 | | 1,170,005 | | 1,225,769 | | 961,226 |
| Slate | | 5,617,195 | | 5,496,207 | | 5,668,346 | | 6,019,220 | | 6,316,817 |
| Mineral waters....gallons sold | 50,723,500 | 7,198,450 | 47,590,081 | 6,811,611 | 48,108,580 | 8,028,387 | 52,060,520 | 7,331,503 | 56,108,820 | 7,287,269 |
| Phosphate rock....long tons | 1,874,428 | 6,580,875 | 1,947,190 | 6,763,403 | 2,080,957 | 8,579,437 | 2,265,343 | 10,653,558 | 2,386,138 | 11,399,124 |
| Salt....barrels[s] | 22,080,002 | 6,021,222 | 25,966,122 | 6,095,922 | 28,172,380 | 6,658,350 | 29,704,128 | 7,608,323 | 28,822,062 | 7,553,632 |
| Zinc oxide....short tons | 63,363 | 4,808,482 | 68,603 | 5,520,240 | 74,680 | 5,999,375 | 71,784 | 6,490,660 | 56,292 | 5,072,460 |
| Gypsum....do | 940,917 | 2,784,325 | 1,043,202 | 3,029,227 | 1,540,585 | 3,837,975 | 1,751,748 | 4,942,264 | 1,721,829 | 4,138,560 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Lithium minerals ..... do.... | 577 | 5,155 | 79 | 1,412 | 383 | 7,411 | 530 | 11,000 | 203 | 1,550 |
| Borax[t] ..... short tons.. | 45,647 | 698,810 | 46,334 | 1,019,154 | 58,173 | 1,182,410 | 52,850 | 1,121,520 | 25,000 | 975,000 |
| Arsenious oxide ..... pounds.. | 72,413 | 2,185 | 1,507,386 | 35,210 | 1,474,000 | 63,460 | 3,502,000 | 163,000 | ..... | (k) |
| Mineral paints[u] ..... short tons.. | 64,592 | 1,448,551 | 70,355 | 1,932,048 | 66,033 | 2,161,461 | 71,973 | 2,979,158 | 68,694 | 2,410,367 |
| Grindstones ..... | ..... | 881,527 | ..... | 777,606 | ..... | 744,894 | ..... | 896,022 | ..... | 536,095 |
| Fibrous talc ..... short tons.. | 64,005 | 507,400 | 56,500 | 446,000 | 61,672 | 557,200 | 67,800 | 626,000 | 70,739 | 697,390 |
| Asphaltum ..... do.... | 108,572 | 879,836 | 115,267 | 758,153 | 138,059 | 1,290,340 | 223,861 | 2,826,489 | 185,382 | 1,888,881 |
| Talc and soapstone ..... do.... | 27,184 | 433,331 | 40,134 | 637,062 | 58,972 | 874,356 | 72,010 | 905,047 | 46,615 | 703,832 |
| Precious stones ..... | ..... | 324,300 | ..... | 326,350 | ..... | [v]589,000 | ..... | [v]735,800 | ..... | 415,063 |
| Pyrite[w] ..... long tons.. | 334,373 | 3,478,568 | 253,000 | 938,492 | 261,422 | 931,305 | 247,387 | 794,949 | 222,598 | 857,113 |
| Corundum and emery ..... short tons.. | 1,916 | 56,985 | 2,126 | 61,464 | 1,160 | 44,310 | 1,069 | 12,294 | 669 | 8,745 |
| Abrasive quartz and feldspar ..... do.... | 31,940 | 74,850 | 19,039 | 88,118 | 24,082 | 121,671 | 17,435 | 126,582 | 11,725 | 79,146 |
| Oilstones, etc ..... | ..... | 188,985 | ..... | 244,546 | ..... | 268,070 | ..... | 264,188 | ..... | 217,284 |
| Garnet (abrasive) ..... short tons.. | 3,854 | 117,581 | 5,050 | 148,095 | 4,650 | 157,000 | 7,058 | 211,686 | 1,996 | 64,620 |
| Mica ..... pounds.. | [x]668,358<br>[y]1,096 | 109,462<br>10,854 | [x]924,875<br>[y]1,126 | 160,732<br>17,856 | 1,423,100<br>[y]1,489 | 252,248<br>22,742 | 1,060,182<br>[y]3,025 | 349,311<br>42,800 | 972,964<br>[y]2,417 | 234,021<br>33,904 |
| Barytes (crude) ..... short tons.. | 65,727 | 174,958 | 48,235 | 148,808 | 50,231 | 160,367 | 89,621 | 291,777 | 38,527 | 120,442 |
| Bromine ..... pounds.. | 897,100 | 269,130 | 1,192,758 | 178,914 | 1,283,250 | 165,204 | 1,379,496 | 195,281 | 1,055,636 | 102,344 |
| Fluorspar ..... short tons.. | 36,452 | 234,755 | 57,385 | 362,488 | 40,796 | 244,025 | 49,486 | 287,282 | 38,795 | 225,998 |
| Feldspar ..... do.... | 45,188 | 266,326 | 35,419 | 226,157 | 75,656 | 401,531 | 84,549 | 499,069 | 67,240 | 400,918 |
| Manganiferous ores ..... long tons. | ..... | ..... | ..... | ..... | 41,300 | 122,400 | 103,844 | 259,473 | 55,620 | 132,556 |
| Manganese ore ..... do.... | 3,146 | 29,466 | 4,118 | 36,214 | 6,921 | 88,132 | 5,604 | 63,369 | 6,144 | 62,779 |
| Quartz ..... short tons.. | 52,270 | 100,590 | 51,145 | 104,109 | 66,697 | 243,012 | 22,977 | 157,094 | 38,825 | 138,646 |

[a] By "spot" value is meant value at the point of production.
[b] "Long" tons, 2,240 avoirdupois pounds; "short" tons, 2,000 pounds.
[c] Iron ore—1904: 27,644,330 long tons; value at mines, $43,186,741. 1905: 42,526,133 long tons; value at mines, $75,165,604. 1906: 47,749,728 long tons; value at mines, $100,597,106. 1907: 51,720,619 long tons; value at mines, $131,996,147. 1908: 35,983,336 long tons; value at mines, $81,845,904.
[d] Average price per troy ounce in 1906 was 67 cents, 1907, 66 cents, and in 1908, 53 cents.
[e] Coining value, $20.6718 per troy ounce; in 1905, coining value, $20.671834; in 1906, 1907, and 1908, coining value, $20.671834625323.
[f] The product from domestic ores only.
[g] Of 76⅔ avoirdupois pounds net; of 75 avoirdupois pounds net since June, 1904.
[h] Consumption.
[i] Includes antimony smelted from imported ores and antimony contained in hard lead.
[j] Including nickel in copper-nickel alloy, and in exported ore and matte.
[k] Included under "Unspecified."
[l] In 1904 about 142 short tons of concentrates from South Carolina, South Dakota, and Alaska shipped to England. In 1905, no production. In 1906, 2,500 pounds of metallic tin, 45 short tons of concentrates from Alaska, and 14 short tons from North Carolina and South Carolina. In 1907, about 89 short tons of concentrates. In 1908, no production.
[m] At San Francisco prior to 1907.
[n] Including brown coal and lignite, and anthracite mined elsewhere than in Pennsylvania.
[o] Including limestone for iron flux, but not including grindstones.
[p] Of 42 gallons.
[q] Value of clay (all other than brick): 1902, $2,061,072; 1903, $2,594,042; 1904, $2,320,162; 1905, $2,768,006; 1906, $3,245,256; 1907, $3,448,548; 1908, $2,599,986.
[r] Of 380 pounds net.
[s] Of 280 pounds net—values for net product exclusive of cost of packages.
[t] Crude.
[u] Including metallic paints, ocher, umber, mortar colors, sienna, ground slate, shales, sublimed blue lead, sublimed white lead, and zinc lead.
[v] Including pearls valued at $381,000 in 1906 and at $264,500 in 1907.
[w] Includes sulphur in 1904.
[x] Sheet, pounds.
[y] Scrap, short tons.

No. 98.—MINERAL PRODUCTION: QUANTITIES AND VALUES OF SPECIFIED KINDS, CALENDAR YEARS 1904 TO 1908—Continued.

| Product. | 1904 | | 1905 | | 1906 | | 1907 | | 1908 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. |
| NONMETALLIC (SPOT VALUES)—continued. | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| Monazite ..... pounds.. | 745,999 | 85,038 | 1,352,418 | 163,908 | 847,275 | 152,560 | 548,152 | 65,800 | 422,646 | 50,718 |
| Zircon ..... do.... | | | | | | | | | | |
| Graphite ..... do.... | [a]5,681,177 | 321,372 | [a]6,036,567 | 318,211 | [a]5,887,982 | 238,064 | [a]4,947,840 | 171,149 | [a]2,288,000 | 132,840 |
| | [b]16,927 | | [b]21,953 | | [b]16,853 | 102,175 | [b]26,803 | 125,821 | [b]1,443 | 75,250 |
| Bauxite ..... long tons.. | 47,661 | 235,704 | 48,129 | 240,292 | 75,332 | 368,311 | 97,776 | 480,330 | 52,167 | 263,968 |
| Sulphur [c] ..... do.... | ..... | ..... | 181,677 | 3,706,560 | 294,153 | 5,096,678 | 293,106 | 5,142,850 | 369,444 | 6,668,215 |
| Fuller's earth ..... short tons.. | 29,480 | 168,500 | 25,178 | 214,497 | 32,040 | 265,400 | 32,851 | 291,773 | 29,714 | 278,367 |
| Glass sand ..... do.... | 858,719 | 796,492 | 1,060,334 | 1,107,730 | 1,089,430 | 1,208,788 | 1,187,296 | 1,250,067 | 1,093,553 | 1,134,599 |
| Marls ..... do.... | 18,989 | 13,145 | 38,026 | 16,494 | 19,104 | 7,341 | 14,091 | 8,429 | 8,469 | 4,330 |
| Infusorial earth and tripoli ..... do.... | 6,274 | 44,164 | 10,977 | 64,637 | 8,099 | 72,108 | ..... | 104,406 | ..... | 97,442 |
| Pumice ..... do.... | 1,530 | 5,421 | 1,832 | 5,540 | 12,200 | 16,750 | 8,112 | 33,818 | 10,569 | 39,287 |
| Millstones ..... | ..... | 37,338 | ..... | 37,974 | ..... | 48,590 | ..... | 31,741 | ..... | 31,420 |
| Chromic iron ore ..... long tons.. | 123 | 1,845 | 22 | 375 | 107 | 1,800 | 290 | 5,640 | 359 | 7,230 |
| Cobalt oxide ..... pounds.. | 22,000 | 42,600 | ..... | [d] | ..... | [d] | ..... | [d] | ..... | [d] |
| Magnesite ..... short tons.. | 2,850 | 9,298 | 3,933 | 15,221 | 7,805 | 23,415 | 7,561 | 22,683 | 6,587 | 19,761 |
| Asbestos ..... do.... | 1,480 | 25,740 | 3,109 | 42,975 | 1,695 | 28,565 | 653 | 11,899 | 936 | 19,624 |
| Rutile ..... | ..... | 7,000 | ..... | ..... | ..... | [d] | ..... | [d] | ..... | [d] |
| Sand, molding, building, etc., and gravel, short tons ..... | 9,821,009 | 4,951,607 | 22,144,633 | 10,115,915 | 31,842,572 | 11,489,420 | 40,664,622 | 13,242,002 | 36,122,491 | 12,135,433 |
| Tungsten ..... short tons.. | 740 | 184,000 | 803 | 268,676 | 928 | 348,867 | 1,640 | 890,048 | 671 | 229,955 |
| Uranium and vanadium ..... do.... | 45 | 10,600 | 4 | 375 | ..... | [d] | ..... | [d] | ..... | [d] |
| Total value of nonmetallic mineral products ..... | ..... | 860,522,721 | ..... | 922,282,734 | ..... | 1,017,696,178 | ..... | 1,167,705,720 | ..... | 1,045,497,070 |
| Total value of metallic products ..... | ..... | 502,149,648 | ..... | 702,453,101 | ..... | 886,110,856 | ..... | 903,802,244 | ..... | 549,923,116 |
| Estimated value of mineral products unspecified ..... | ..... | 400,000 | ..... | 400,000 | ..... | 200,000 | ..... | 100,000 | ..... | 250,000 |
| Grand total ..... | ..... | 1,363,072,345 | ..... | 1,625,135,835 | ..... | 1,904,007,034 | ..... | 2,071,607,964 | ..... | 1,595,670,186 |

[a] Crystalline, pounds.
[b] Amorphous, short tons.
[c] Included under pyrite in 1904. Sulphur for 1905 stated in long tons.
[d] Included under "Unspecified."

## No. 99.—VALUE OF GOLD AND SILVER PRODUCED IN THE UNITED STATES: 1792 TO 1901.[a]

[The estimate from 1792 to 1873 is by R. W. Raymond, United States Commissioner of Mining Statistics, and since by the Director of the Mint.]

| Calendar year. | Gold. | | | Silver. | Total gold and silver. |
|---|---|---|---|---|---|
| | California. | Other States and Territories. | Total. | | |
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Apr. 2, 1792-July 31, 1834 | 14,000,000 | ..... | 14,000,000 | Insignificant. | 14,000,000 |
| July 31, 1834-Dec. 31, 1854 | 340,537,000 | ..... | 340,537,000 | 764,000 | 351,301,000 |
| 1855 | 55,000,000 | ..... | 55,000,000 | 52,000 | 55,052,000 |
| 1856 | 55,000,000 | ..... | 55,000,000 | 52,000 | 55,052,000 |
| 1857 | 55,000,000 | ..... | 55,000,000 | 52,400 | 55,052,400 |
| 1858 | 50,000,000 | ..... | 50,000,000 | 52,000 | 50,552,000 |
| 1859 | 50,000,000 | ..... | 50,000,000 | 105,100 | 50,105,100 |
| 1860 | 45,000,000 | 1,000,000 | 46,000,000 | 156,800 | 46,156,800 |
| 1861 | 40,000,000 | 3,000,000 | 43,000,000 | 2,062,000 | 45,062,000 |
| 1862 | 34,700,000 | 4,500,000 | 39,200,000 | 4,684,800 | 43,884,800 |
| 1863 | 30,000,000 | 10,000,000 | 40,000,000 | 8,842,300 | 48,842,300 |
| 1864 | 26,600,000 | 19,500,000 | 46,100,000 | 11,443,000 | 57,543,000 |
| 1865 | 28,500,000 | 24,725,000 | 53,225,000 | 11,642,200 | 64,867,200 |
| 1866 | 25,500,000 | 28,000,000 | 53,500,000 | 10,356,400 | 63,856,400 |
| 1867 | 25,000,000 | 26,725,000 | 51,725,000 | 13,866,200 | 65,591,200 |
| 1868 | 22,000,000 | 26,000,000 | 48,000,000 | 12,306,900 | 60,306,900 |
| 1869 | 22,500,000 | 27,000,000 | 49,500,000 | 12,297,600 | 61,797,600 |
| 1870 | 25,000,000 | 25,000,000 | 50,000,000 | 16,434,000 | 66,434,000 |
| 1871 | 20,000,000 | 23,500,000 | 43,500,000 | 23,588,300 | 67,088,300 |
| 1872 | 19,000,000 | 17,000,000 | 36,000,000 | 29,396,400 | 65,396,400 |
| 1873 | 17,000,000 | 19,000,000 | 36,000,000 | 35,881,600 | 71,881,600 |
| 1874 | 17,500,000 | 15,990,900 | 33,490,900 | 36,917,500 | 70,408,400 |
| 1875 | 17,617,000 | 15,850,900 | 33,467,900 | 30,485,900 | 63,953,800 |
| 1876 | 17,000,000 | 22,929,200 | 39,929,200 | 34,919,800 | 74,849,000 |
| 1877 | 15,000,000 | 31,897,400 | 46,897,400 | 36,991,500 | 83,888,900 |
| 1878 | 15,300,000 | 35,906,400 | 51,206,400 | 40,401,000 | 91,607,400 |
| 1879 | 16,000,000 | 22,900,000 | 38,900,000 | 35,477,100 | 74,377,100 |
| 1880 | 17,500,000 | 18,500,000 | 36,000,000 | 34,717,000 | 70,717,000 |
| 1881 | 18,200,000 | 16,500,000 | 34,700,000 | 37,657,500 | 72,357,500 |
| 1882 | 16,800,000 | 15,700,000 | 32,500,000 | 41,105,900 | 73,605,900 |
| 1883 | 14,120,000 | 15,880,000 | 30,000,000 | 39,618,400 | 69,618,400 |
| 1884 | 13,600,000 | 17,200,000 | 30,800,000 | 41,921,300 | 72,721,300 |
| 1885 | 12,700,000 | 19,101,000 | 31,801,000 | 42,503,500 | 74,304,500 |
| 1886 | 14,725,000 | 20,144,000 | 34,869,000 | 39,482,400 | 74,351,400 |
| 1887 | 13,400,000 | 19,736,000 | 33,136,000 | 40,887,200 | 74,023,200 |
| 1888 | 12,750,000 | 20,417,500 | 33,167,500 | 43,045,100 | 76,212,600 |
| 1889 | 13,000,000 | 19,967,000 | 32,967,000 | 46,838,400 | 79,805,400 |
| 1890 | 12,500,000 | 20,345,000 | 32,845,000 | 57,242,100 | 90,087,100 |
| 1891 | 12,600,000 | 20,575,000 | 33,175,000 | 57,630,000 | 90,805,000 |
| 1892 | 12,000,000 | 21,015,000 | 33,015,000 | 55,662,500 | 88,677,500 |
| 1893 | 12,080,000 | 23,875,000 | 35,955,000 | 46,800,000 | 82,755,000 |
| 1894 | 13,570,000 | 25,930,000 | 39,500,000 | 31,422,100 | 70,922,100 |
| 1895 | 14,929,000 | 31,681,000 | 46,610,000 | 36,445,500 | 83,055,500 |
| 1896 | 15,235,900 | 37,852,400 | 53,088,000 | 39,654,600 | 92,742,600 |
| 1897 | 14,618,300 | 42,744,700 | 57,363,000 | 32,316,000 | 89,679,000 |
| 1898 | 15,637,900 | 48,825,100 | 64,463,000 | 32,118,400 | 96,581,400 |
| 1899 | 15,197,800 | 55,855,600 | 71,053,400 | 32,859,000 | 103,912,400 |
| 1900 | 15,816,200 | 63,354,800 | 79,171,000 | 35,741,140 | 114,912,140 |
| 1901 | 16,891,400 | 61,775,300 | 78,666,700 | 33,128,400 | 111,795,100 |
| 1902 | 16,792,100 | 63,207,900 | 80,000,000 | 29,415,000 | 109,415,000 |
| 1903 | 16,104,500 | 57,487,200 | 73,591,700 | 29,322,000 | 102,913,700 |

[a] For subsequent years see next table, and for world's production see Table 315.

## No. 100.—ESTIMATED VALUE OF THE PRODUCT OF GOLD AND SILVER, CALENDAR YEARS 1904 TO 1909:[a] BY STATES AND TERRITORIES.

[From the Report of the Director of the Mint on the Production of Precious Metals in the United States.]

GOLD.

| State or Territory. | 1904 | 1905 | 1906 | 1907 | 1908 | 1909[b] |
|---|---|---|---|---|---|---|
| | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* | *Dollars.* |
| Alaska | 9,160,500 | 14,925,600 | 21,365,100 | 18,489,400 | 19,858,800 | 20,947,600 |
| Arizona | 3,343,900 | 2,691,300 | 2,747,100 | 2,664,000 | 2,500,000 | 2,672,300 |
| California | 18,994,800 | 19,197,100 | 18,832,900 | 16,853,500 | 19,329,700 | 21,271,300 |
| Colorado | 24,395,800 | 25,701,100 | 22,934,400 | 20,897,600 | 22,871,000 | 21,954,700 |
| Georgia | 96,900 | 96,900 | 23,700 | 64,800 | 56,200 | 44,300 |
| Idaho | 1,503,700 | 1,075,600 | 1,035,700 | 1,255,900 | 1,443,500 | 1,389,300 |
| Montana | 5,097,800 | 4,889,300 | 4,522,000 | 3,472,600 | 3,160,000 | 3,599,400 |
| Nevada | 4,307,800 | 5,359,100 | 9,278,600 | 15,411,000 | 11,689,400 | 14,908,400 |
| New Mexico | 381,900 | 265,800 | 266,200 | 330,000 | 306,300 | 278,300 |
| North Carolina | 123,900 | 123,900 | 90,900 | 78,700 | 97,500 | 32,200 |
| Oregon | 1,309,900 | 1,244,900 | 1,320,100 | 1,222,200 | 905,900 | 712,900 |
| South Carolina | 121,800 | 95,100 | 74,600 | 58,100 | 53,700 | 3,500 |
| South Dakota | 7,024,600 | 6,913,900 | 6,604,900 | 4,138,200 | 7,742,200 | 6,849,900 |
| Texas | 2,300 | 1,900 | 3,400 | 1,000 | 500 | 400 |
| Utah | 4,215,000 | 5,140,900 | 5,130,900 | 5,121,600 | 3,946,700 | 3,844,800 |
| Washington | 327,900 | 370,000 | 103,000 | 262,300 | 253,700 | 377,900 |
| Other | 56,200 | 88,300 | 40,300 | 114,300 | 344,900 | 345,000 |
| Total value | 80,464,700 | 88,180,700 | 94,373,800 | 90,435,700 | 94,560,000 | 99,232,200 |
| Total fine ounces | 3,892,480 | 4,265,742 | 4,565,333 | 4,374,827 | 4,574,340 | 4,800,350 |

SILVER (COMMERCIAL VALUE).

| | | | | | | |
|---|---|---|---|---|---|---|
| Alaska | 115,246 | 103,212 | 137,747 | 118,300 | 109,400 | 82,200 |
| Arizona | 1,591,578 | 1,589,477 | 2,009,822 | 1,916,000 | 1,551,200 | 1,889,300 |
| California | 835,954 | 660,020 | 1,027,180 | 1,049,400 | 911,300 | 887,000 |
| Colorado | 8,312,328 | 7,895,108 | 8,425,520 | 7,587,000 | 5,429,400 | 4,730,100 |
| Georgia | 870 | 549 | 203 | 500 | 100 | 100 |
| Idaho | 4,529,916 | 4,956,616 | 5,981,135 | 5,206,300 | 4,042,900 | 3,669,500 |
| Michigan | 74,124 | 154,330 | 125,969 | 218,700 | 157,300 | 168,500 |
| Montana | 8,472,698 | 8,207,367 | 8,488,404 | 7,345,500 | 5,539,500 | 6,241,900 |
| Nevada | 1,563,158 | 3,576,735 | 3,524,972 | 5,465,100 | 5,086,100 | 4,657,000 |
| New Mexico | 124,468 | 216,489 | 306,902 | 395,700 | 214,500 | 171,200 |
| North Carolina | 8,584 | 8,052 | 16,719 | 16,600 | 700 | 300 |
| Oregon | 77,256 | 54,229 | 61,394 | 63,400 | 30,000 | 37,000 |
| South Carolina | 290 | 122 | 68 | 100 | 100 | 100 |
| South Dakota | 108,460 | 109,190 | 105,053 | 70,400 | 105,500 | 107,000 |
| Texas | 272,368 | 254,492 | 187,769 | 201,500 | 239,100 | 186,400 |
| Utah | 7,240,894 | 6,295,078 | 7,789,650 | 7,528,500 | 4,520,600 | 4,958,900 |
| Washington | 86,942 | 72,834 | 28,497 | 55,400 | 46,400 | 38,200 |
| Other | 40,890 | 68,076 | 39,396 | 61,400 | 66,500 | 185,400 |
| Total commercial value | 33,456,024 | 34,221,976 | 38,256,400 | 37,299,700 | 28,050,600 | 28,010,100 |
| Total fine ounces | 57,682,800 | 56,101,600 | 56,517,900 | 56,514,700 | 52,440,800 | 53,849,000 |

[a] For prior years see previous table, and for world's production see Table 315.
[b] Preliminary figures.

## No. 101.—GOLD AND SILVER PRODUCTION FROM MINES IN THE UNITED STATES: 1859 TO 1909.

[From the Report of the Director of the Mint on the Production of Precious Metals in the United States.]

| Calendar year. | Gold. | | Silver. | |
|---|---|---|---|---|
| | Fine ounces. | Value. | Fine ounces. | Commercial value.[a] |
| | | *Dollars.* | | *Dollars.* |
| 1859 | 2,418,750 | 50,000,000 | 77,300 | 105,100 |
| 1860 | 2,225,250 | 46,000,000 | 116,000 | 156,800 |
| 1861 | 2,080,125 | 43,000,000 | 1,546,900 | 2,062,000 |
| 1862 | 1,896,300 | 39,200,000 | 3,480,500 | 4,684,800 |
| 1863 | 1,935,000 | 40,000,000 | 6,574,200 | 8,842,300 |
| 1864 | 2,230,087 | 46,100,000 | 8,507,800 | 11,443,000 |
| 1865 | 2,574,759 | 53,225,000 | 8,701,200 | 11,642,200 |
| 1866 | 2,588,062 | 53,500,000 | 7,734,400 | 10,356,400 |
| 1867 | 2,502,196 | 51,725,000 | 10,441,400 | 13,866,200 |
| 1868 | 2,322,000 | 48,000,000 | 9,281,200 | 12,306,900 |
| 1869 | 2,394,362 | 49,500,000 | 9,281,200 | 12,297,600 |
| 1870 | 2,418,750 | 50,000,000 | 12,375,000 | 16,434,000 |
| 1871 | 2,104,312 | 43,500,000 | 17,789,100 | 23,588,300 |
| 1872 | 1,741,500 | 36,000,000 | 22,236,300 | 29,396,400 |
| 1873 | 1,741,500 | 36,000,000 | 27,650,400 | 35,881,600 |
| 1874 | 1,620,122 | 33,490,000 | 28,868,200 | 36,917,500 |
| 1875 | 1,619,009 | 33,467,900 | 24,539,300 | 30,485,900 |
| 1876 | 1,931,575 | 39,929,200 | 29,996,200 | 34,919,800 |
| 1877 | 2,268,662 | 46,897,400 | 30,777,800 | 36,991,500 |
| 1878 | 2,477,109 | 51,206,400 | 35,022,300 | 40,401,000 |
| 1879 | 1,881,787 | 38,900,000 | 31,565,500 | 35,477,100 |
| 1880 | 1,741,500 | 36,000,000 | 30,318,700 | 34,717,000 |
| 1881 | 1,678,612 | 34,700,000 | 33,257,800 | 37,657,500 |
| 1882 | 1,572,187 | 32,500,000 | 36,196,900 | 41,105,900 |
| 1883 | 1,451,250 | 30,000,000 | 35,732,800 | 39,618,400 |
| 1884 | 1,489,950 | 30,800,000 | 37,743,800 | 41,921,300 |
| 1885 | 1,538,373 | 31,801,000 | 39,909,400 | 42,503,500 |
| 1886 | 1,686,788 | 34,869,000 | 39,694,000 | 39,482,400 |
| 1887 | 1,603,049 | 33,136,000 | 41,721,600 | 40,887,200 |
| 1888 | 1,604,478 | 33,167,500 | 45,792,700 | 43,045,100 |
| 1889 | 1,594,775 | 32,967,000 | 50,094,500 | 46,838,400 |
| 1890 | 1,588,877 | 32,845,000 | 54,516,300 | 57,242,100 |
| 1891 | 1,604,840 | 33,175,000 | 58,330,000 | 57,630,000 |
| 1892 | 1,597,098 | 33,015,000 | 63,500,000 | 55,662,500 |
| 1893 | 1,739,323 | 35,955,000 | 60,000,000 | 46,800,000 |
| 1894 | 1,910,813 | 39,500,000 | 49,500,000 | 31,422,100 |
| 1895 | 2,254,760 | 46,610,000 | 55,727,000 | 36,445,500 |
| 1896 | 2,568,132 | 53,088,000 | 58,834,800 | 39,654,600 |
| 1897 | 2,774,935 | 57,363,000 | 53,860,000 | 32,316,000 |
| 1898 | 3,118,398 | 64,463,000 | 54,438,000 | 32,118,400 |
| 1899 | 3,437,210 | 71,053,400 | 54,764,500 | 32,858,700 |
| 1900 | 3,829,897 | 79,171,000 | 57,647,000 | 35,741,100 |
| 1901 | 3,805,500 | 78,666,700 | 55,214,000 | 33,128,400 |
| 1902 | 3,870,000 | 80,000,000 | 55,500,000 | 29,415,000 |
| 1903 | 3,560,000 | 73,591,700 | 54,300,000 | 29,322,000 |
| 1904 | 3,892,480 | 80,464,700 | 57,682,800 | 33,456,000 |
| 1905 | 4,265,742 | 88,180,700 | 56,101,600 | 34,222,000 |
| 1906 | 4,565,333 | 94,373,800 | 56,517,900 | 38,256,400 |
| 1907 | 4,374,827 | 90,435,700 | 56,514,700 | 37,299,700 |
| 1908 | 4,574,340 | 94,560,000 | 52,440,800 | 28,050,600 |
| 1909[b] | 4,800,350 | 99,232,200 | 53,849,000 | 28,010,100 |

[a] To compute coining value of silver, multiply number of fine ounces by $1.2929+. [b] Estimated.

## No. 102.—ANTHRACITE AND BITUMINOUS COAL PRODUCTION: QUANTITIES,[a] CENSUS YEAR ENDED MAY 31, 1880, AND IN CALENDAR YEARS 1890 AND 1899 TO 1908, BY STATES AND TERRITORIES.[b]

[From reports of the U. S. Geological Survey.]

| State or Territory. | 1880 | 1890 | 1899 | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ANTHRACITE. | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* |
| Colorado and New Mexico | ..... | (c) | 85,889 | 87,861 | 59,704 | 83,872 | 64,939 | 64,352 | 66,806 | [d] 53,793 | 55,439 | 37,195 |
| Pennsylvania | [e] 25,580,189 | 41,489,858 | 53,944,647 | 51,221,353 | 60,242,560 | 36,940,710 | 66,613,453 | 65,318,490 | 69,339,152 | 63,645,010 | 76,432,421 | 74,347,102 |
| Total anthracite | [e] 25,580,189 | 41,489,858 | 54,030,536 | 51,309,214 | 60,302,264 | 37,024,582 | 66,678,392 | 65,382,842 | 69,405,958 | 63,698,803 | 76,487,860 | 74,384,297 |
| BITUMINOUS. | | | | | | | | | | | | |
| Alabama | 289,261 | 3,652,151 | 6,779,836 | 7,494,888 | 8,124,154 | 9,245,152 | 10,405,646 | 10,055,398 | 10,594,704 | 11,703,538 | 12,723,620 | 10,361,244 |
| Arkansas | 13,195 | 357,043 | 753,173 | 1,292,808 | 1,621,550 | 1,735,654 | 1,990,332 | 1,794,153 | 1,727,387 | 1,664,525 | 2,384,320 | 1,855,676 |
| California | 211,562 | 98,849 | [f] 144,796 | [f] 154,382 | [f] 136,053 | [f] 77,853 | [f] 94,125 | [f] 71,055 | [f] 72,164 | [f] 27,528 | [f] 21,508 | 19,520 |
| Colorado | 413,167 | 2,747,324 | 4,213,027 | 4,626,943 | 5,061,505 | 6,561,368 | 6,590,592 | 5,901,884 | 7,835,733 | 8,974,080 | 9,596,441 | [f] 8,590,315 |
| Georgia | 138,075 | 203,872 | 208,135 | 281,747 | 306,094 | 369,717 | 372,278 | 342,135 | 314,278 | 296,524 | 323,572 | 236,448 |
| Idaho | ..... | ..... | 18 | 9 | ..... | 1,813 | 3,795 | [g] 3,107 | 5,252 | [g] 5,504 | [g] 6,105 | 4,847 |
| Illinois | 5,460,158 | 13,653,947 | 21,820,553 | 23,007,126 | 24,403,172 | 29,410,154 | 32,997,414 | 32,567,019 | 34,316,395 | 37,035,807 | 45,818,880 | 42,553,295 |
| Indiana | 1,298,506 | 2,951,551 | 5,362,967 | 5,789,363 | 6,176,987 | 8,434,307 | 9,638,118 | 9,680,526 | 10,620,761 | 10,796,929 | 12,487,244 | 10,995,438 |
| Indian Territory | 107,988 | 776,097 | 1,372,708 | 1,716,337 | 2,162,304 | 2,518,452 | 3,140,525 | 2,720,124 | 2,611,096 | 2,553,750 | ..... | ..... |
| Iowa | 1,304,568 | 3,590,839 | 4,622,749 | 4,645,481 | 5,015,624 | 5,272,112 | 5,731,974 | 5,821,369 | 6,070,187 | 6,487,700 | 6,762,788 | 6,394,027 |
| Kansas | 688,788 | 2,017,788 | 3,439,524 | 3,989,170 | 4,375,471 | 4,701,844 | 5,214,264 | 5,654,738 | 5,735,696 | 5,379,263 | 6,537,901 | 5,576,346 |
| Kentucky | 844,900 | 2,412,050 | 4,113,620 | 4,758,005 | 4,883,916 | 6,041,950 | 6,730,386 | 6,764,716 | 7,529,038 | 8,619,328 | 9,601,004 | 9,148,708 |
| Maryland | 1,990,104 | 2,998,047 | 4,292,318 | 3,593,471 | 4,565,292 | 4,706,794 | 4,326,933 | 4,297,877 | 4,561,196 | 4,853,083 | 4,939,847 | [h] 3,908,163 |
| Michigan | 90,000 | 66,944 | 557,775 | 758,460 | 1,108,251 | 861,355 | 1,221,089 | 1,198,964 | 1,315,367 | 1,202,088 | 1,817,730 | 1,638,410 |
| Missouri | 753,843 | 2,442,162 | 2,701,620 | 3,160,806 | 3,394,721 | 3,473,352 | 3,784,452 | 3,721,702 | 3,556,587 | 3,355,364 | 3,569,586 | 2,961,888 |
| Montana | 200 | 462,033 | 1,336,117 | 1,483,728 | 1,246,501 | 1,393,592 | 1,329,295 | 1,213,320 | 1,467,707 | 1,633,858 | 1,800,765 | 1,714,455 |
| Nebraska | 179 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 670 | ..... |
| New Mexico | ..... | 335,515 | 903,707 | 1,127,752 | 938,220 | 899,497 | 1,349,276 | 1,275,443 | 1,451,355 | 1,754,208 | 2,329,544 | 2,178,660 |
| North Carolina | 313 | 9,164 | [i] 24,014 | [i] 15,834 | [i] 10,714 | 20,536 | 15,454 | 6,250 | 1,390 | ..... | ..... | ..... |
| North Dakota | ..... | 26,786 | 88,222 | 115,967 | 148,752 | 202,242 | 248,790 | 242,793 | 283,520 | 272,937 | 310,500 | 286,377 |
| Ohio | 5,364,817 | 10,262,952 | 14,732,384 | 16,953,705 | 18,699,828 | 20,999,905 | 22,176,878 | 21,785,912 | 22,815,134 | 24,760,393 | 28,698,588 | 23,455,928 |
| Oklahoma | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3,252,373 | 2,632,246 |
| Oregon | 38,576 | 54,923 | 77,579 | 52,557 | 61,617 | 58,615 | 81,378 | 99,589 | 97,894 | 71,188 | 63,376 | 77,017 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pennsylvania | 16,451,038 | 37,769,797 | 66,205,513 | 71,287,791 | 73,487,452 | 88,012,828 | 92,068,909 | 87,444,899 | 105,726,462 | 115,440,363 | 134,056,408 | 104,624,578 |
| Tennessee | 442,081 | 1,937,130 | 2,973,803 | 3,133,537 | 3,244,009 | 3,913,364 | 4,283,932 | 4,269,830 | 5,148,831 | 5,588,639 | 6,080,574 | 5,534,974 |
| Texas | | 164,679 | 789,136 | 864,619 | 989,244 | 805,279 | 827,463 | 1,067,807 | 1,072,039 | 1,172,208 | 1,471,490 | 1,692,301 |
| Utah | 13,168 | 284,071 | 701,829 | 1,024,131 | 1,180,905 | 1,405,822 | 1,501,258 | 1,333,060 | 1,189,618 | 1,582,635 | 1,738,935 | 1,648,921 |
| Virginia | 38,463 | 700,010 | 1,880,170 | 2,137,280 | 2,433,815 | 2,841,958 | 3,081,524 | 3,045,459 | 3,817,206 | 3,798,999 | 4,206,156 | 3,802,716 |
| Washington | 129,478 | 1,128,294 | 1,812,394 | 2,209,012 | 2,301,979 | 2,393,941 | 2,851,137 | 2,801,501 | 2,557,969 | 2,925,164 | 3,286,189 | 2,700,842 |
| West Virginia | 1,633,789 | 6,602,370 | 17,190,174 | 20,220,721 | 21,489,644 | 21,938,237 | 26,193,965 | 28,934,600 | 33,742,482 | 38,652,098 | 42,938,913 | 37,408,788 |
| Wyoming | 526,424 | 1,669,964 | 3,426,243 | 3,584,466 | 4,004,798 | 3,954,903 | 4,138,655 | 4,623,711 | 5,001,804 | 5,476,780 | 5,583,027 | 4,901,698 |
| RECAPITULATION.[j] | | | | | | | | | | | | |
| Middle States | 25,439,748 | 57,633,166 | 102,420,389 | 112,055,688 | 118,242,216 | 135,657,764 | 144,766,685 | 142,463,288 | 166,845,274 | 183,705,937 | 210,633,756 | 169,397,457 |
| Western States | 10,535,833 | 29,629,338 | 47,568,797 | 51,161,510 | 54,935,782 | 64,265,229 | 70,894,643 | 70,626,026 | 76,203,757 | 80,614,806 | 94,285,532 | 87,442,973 |
| Southern States | 1,874,276 | 10,547,711 | 19,798,297 | 22,822,807 | 24,714,020 | 28,391,559 | 32,196,816 | 31,341,315 | 34,267,413 | 37,151,719 | 42,372,653 | 85,612,249 |
| Pacific States | 392,784 | 1,566,858 | 2,736,616 | 3,440,091 | 3,680,554 | 3,938,044 | 4,531,693 | 4,308,312 | 3,922,808 | 4,612,019 | 5,116,113 | 4,451,147 |
| Total bituminous | 38,242,641 | 99,377,073 | 172,524,099 | 189,480,097 | 201,572,572 | 232,252,596 | 252,389,837 | 248,738,941 | 281,239,252 | 306,084,481 | 352,408,054 | 296,903,826 |
| Total anthracite and bituminous[k] | 63,822,830 | 140,866,931 | 226,554,635 | 240,789,310 | 261,874,836 | 269,277,178 | 319,068,229 | 314,121,783 | 350,820,840 | 369,783,284 | 428,895,914 | 371,288,123 |
| AMOUNTS MARKETED.[l] | | | | | | | | | | | | |
| Pennsylvania anthracite... tons | | 38,403,552 | 48,967,350 | 46,355,595 | 54,880,010 | 32,481,775 | 60,814,579 | 63,907,788 | 63,057,076 | 57,355,519 | 68,975,615 | 66,655,548 |
| Pennsylvania anthracite... value, dolls. | | 66,383,772 | 88,142,130 | 85,757,851 | 112,504,020 | 76,173,586 | 152,036,448 | 138,974,020 | 141,879,000 | 131,917,694 | 163,584,056 | 158,178,849 |
| Bituminous ... tons | | 97,957,790 | 169,851,014 | 186,227,513 | 197,726,213 | 227,870,527 | 246,973,603 | 243,181,440 | 275,050,479 | 299,183,137 | 344,240,502 | 289,275,096 |
| Bituminous ... value, dolls. | | 110,420,801 | 167,935,304 | 218,930,313 | 236,422,049 | 290,858,483 | 351,687,933 | 305,397,001 | 334,658,294 | 381,162,115 | 451,214,842 | 374,135,268 |
| Total .... tons | | 136,361,342 | 218,818,864 | 232,583,108 | 252,606,223 | 260,352,302 | 307,788,182 | 307,089,228 | 338,107,555 | 356,538,656 | 413,216,117 | 355,930,644 |
| Total .... value, dolls. | | 176,804,573 | 256,077,434 | 306,688,164 | 348,926,069 | 367,032,069 | 503,724,381 | 444,371,021 | 476,537,294 | 513,079,809 | 614,798,898 | 532,314,117 |

[a] In long tons of 2,240 pounds.
[b] The statistics for 1880 are derived from reports of the Bureau of the Census, Department of Commerce and Labor, and from 1890 to date from Mineral Resources of the United States, published by the United States Geological Survey.
[c] Included in bituminous product.
[d] Colorado only.
[e] Includes small amounts mined in Rhode Island and Virginia.
[f] Includes Alaska.
[g] Includes Nevada.
[h] Includes Massachusetts.
[i] Includes small amount of Triassic in Virginia.
[j] Middle States: Maryland, Ohio, Pennsylvania, and West Virginia. Southern States: Alabama, Arkansas, Georgia, Indian Territory, Kentucky, New Mexico, North Carolina, Oklahoma, Tennessee, Texas, and Virginia. Western States: Colorado, Illinois, Indiana, Iowa, Kansas, Michigan, Missouri, Montana, Nebraska, North Dakota, and Wyoming. Pacific States: California, Idaho, Oregon, Utah, Washington, and miscellaneous.
[k] Amounts marketed only for the year 1880; afterwards the entire product of the mines.
[l] Quantities represent amounts shipped to market; values are based on those of entire product.

## No. 103.—PIG-IRON PRODUCTION, CALENDAR YEARS 1898 TO 1909,[a] AND THE NUMBER OF FURNACES, 1897 AND 1909: BY STATES AND BY GEOGRAPHICAL DIVISIONS.

[From the annual reports of the American Iron and Steel Association.]

| State. | Completed furnaces Dec. 31, 1897. | Pig-iron production.[b] | | | | | | | | | | | | Furnaces. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | In blast. | | Total Dec. 31, 1909. |
| | | 1898 | 1899 | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | June 30, 1909. | Dec. 31, 1909. | |
| | | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | | | |
| Alabama | 45 | 1,033,676 | 1,083,905 | 1,184,337 | 1,225,212 | 1,472,211 | 1,561,398 | 1,453,513 | 1,604,062 | 1,674,848 | 1,686,674 | 1,397,014 | 1,763,617 | 19 | 29 | 51 |
| Colorado | 3 | 91,222 | [c] 138,880 | [c] 159,204 | [c] 203,409 | [c] 269,930 | [c] 270,289 | [c] 151,776 | [c] 407,774 | [c] 413,040 | [c] 468,486 | [c] 313,071 | [c] 382,766 | 3 | 3 | 6 |
| Connecticut | 5 | 5,336 | 10,129 | 10,233 | 8,442 | 12,086 | 14,501 | 8,922 | [d] 15,987 | [d] 20,239 | [d] 19,119 | [d] 13,794 | [d] 18,388 | 3 | 2 | 3 |
| Georgia | 4 | 13,762 | [e] 17,835 | [e] 28,984 | [e] 27,333 | [e] 32,315 | [e] 75,602 | [e] 70,156 | [e] 38,699 | [e] 92,599 | [e] 55,825 | [e] 24,345 | [e] 26,072 | 1 | 0 | 4 |
| Indiana | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5 | 7 | 7 |
| Illinois | 17 | 1,365,898 | 1,442,012 | 1,363,383 | 1,596,850 | 1,730,220 | 1,692,375 | 1,655,991 | 2,034,483 | 2,156,866 | 2,457,768 | 1,691,944 | 2,467,156 | 19 | 23 | 26 |
| Kentucky | 9 | 100,724 | 119,019 | 71,562 | 68,462 | 110,725 | 102,441 | 37,106 | 63,735 | 98,127 | 127,946 | 45,096 | 86,371 | 3 | 2 | 8 |
| Maryland | 8 | 190,974 | 234,477 | 290,073 | 303,186 | 303,229 | 324,570 | 293,441 | 332,096 | 386,709 | 411,883 | 183,502 | 286,856 | 3 | 4 | 5 |
| Massachusetts | 3 | 3,661 | 2,476 | 3,310 | 3,386 | 3,360 | 3,265 | 3,149 | ..... | ..... | ..... | ..... | ..... | 1 | 2 | 2 |
| Michigan | 13 | 147,640 | 134,443 | 163,712 | 170,762 | 155,213 | 244,709 | 233,225 | 288,704 | 369,456 | [f] 436,507 | [f] 348,096 | [f] 964,289 | 7 | 11 | 15 |
| Minnesota | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1 | 1 |
| Missouri | 3 | 49,788 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 2 | 2 |
| New Jersey | 10 | 100,681 | 127,598 | 170,262 | 155,746 | 191,380 | 211,667 | 262,294 | 311,039 | 379,390 | 373,189 | 225,372 | 294,474 | 3 | 5 | 11 |
| New York | 18 | 228,011 | 264,346 | 292,827 | 283,662 | 401,369 | 552,917 | 605,709 | 1,198,068 | 1,552,659 | 1,659,752 | 1,019,495 | 1,733,675 | 15 | 17 | 28 |
| North Carolina | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Ohio | 56 | 1,986,358 | 2,378,212 | 2,470,911 | 3,326,425 | 3,631,388 | 3,287,434 | 2,977,929 | 4,586,110 | 5,327,133 | 5,250,687 | 2,861,325 | 5,551,545 | 44 | 61 | 74 |
| Oregon | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0 | 0 | 1 |
| Pennsylvania | 164 | 5,537,832 | 6,558,878 | 6,365,935 | 7,343,257 | 8,117,800 | 8,211,500 | 7,644,321 | 10,579,127 | 11,247,869 | 11,348,549 | 6,987,191 | 10,918,824 | 103 | 134 | 162 |
| Tennessee | 19 | 263,439 | 346,166 | 362,190 | 337,139 | 392,778 | 418,368 | 302,096 | 372,692 | 426,874 | 393,106 | 290,826 | 333,845 | 9 | 13 | 21 |
| Texas | 4 | 5,178 | 5,803 | 10,150 | 2,273 | 3,095 | 11,653 | 5,530 | ..... | ..... | ..... | ..... | ..... | 0 | 0 | 4 |
| Virginia | 27 | 283,274 | 365,491 | 490,617 | 448,662 | 537,216 | 544,034 | 310,526 | 510,210 | 483,525 | 478,771 | 320,458 | 391,134 | 9 | 13 | 26 |
| Washington | 0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 |
| West Virginia | 4 | 192,699 | 187,858 | 166,758 | 166,597 | 183,005 | 199,013 | 270,945 | 298,179 | 304,534 | 291,066 | 65,551 | 228,282 | 3 | 3 | 4 |
| Wisconsin | 6 | 172,781 | [g] 203,175 | [g] 184,794 | [g] 207,551 | [g] 273,987 | [g] 283,516 | [g] 210,404 | [g] 351,415 | [g] 373,323 | [g] 322,083 | [g] 148,938 | [g] 348,177 | 5 | 6 | 7 |
| Grand total | 423 | 11,773,934 | 13,620,703 | 13,789,242 | 15,878,354 | 17,821,307 | 18,009,252 | 16,497,033 | 22,992,380 | 25,307,191 | 25,781,361 | 15,936,018 | 25,795,471 | 258 | 338 | 469 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Geographical divisions:[h] | | | | | | | | | | | | | | | | |
| New England and Middle States | 212 | 6,260,194 | 7,385,762 | 7,299,398 | 8,264,276 | 9,212,229 | 9,517,433 | 9,088,781 | 12,734,496 | 13,891,400 | 14,103,508 | 8,494,905 | 13,480,499 | 131 | 167 | 215 |
| Southern States | 110 | 1,700,053 | 1,938,219 | 2,147,840 | 2,109,081 | 2,548,340 | 2,713,496 | 2,178,927 | 2,589,398 | 2,775,973 | 2,742,322 | 2,077,739 | 2,601,039 | 41 | 57 | 114 |
| Western States | 100 | 3,813,687 | 4,296,722 | 4,342,004 | 5,504,997 | 6,060,738 | 5,778,323 | 5,229,325 | 7,668,486 | 8,639,818 | 8,935,581 | 5,363,374 | 9,713,933 | 86 | 114 | 138 |
| Pacific States | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 |
| December 31— | | | | | | | | | | | | | | | | |
| Furnaces in blast | 191 | 202 | 289 | 232 | 266 | 307 | 182 | 261 | 313 | 340 | 167 | 236 | ..... | ..... | ..... | 338 |
| Furnaces out of blast | 232 | 212 | 125 | 174 | 140 | 105 | 243 | 168 | 111 | 89 | 276 | 223 | ..... | ..... | ..... | 131 |

[a] In tons of 2,240 pounds.
[b] Includes spiegeleisen, ferromanganese, ferrosilicon, ferrophosphorus, etc.
[c] Includes Missouri; Washington is also included from 1900; California is included from 1907.
[d] Includes Massachusetts.
[e] Includes North Carolina and Texas to 1903 and Texas only from 1904 to 1909.
[f] Includes Indiana from 1907.
[g] Includes Minnesota.
[h] New England and Middle States: Connecticut, Maryland, Massachusetts, New Jersey, New York, Pennsylvania, and West Virginia. Southern States: Alabama, Georgia, Kentucky, North Carolina, Tennessee, Texas, and Virginia. Western States: Colorado, Illinois, Indiana, Michigan, Minnesota, Missouri, Ohio, and Wisconsin. Pacific States: Oregon, Washington, and California.

No. 104.—PIG-IRON PRODUCTION:[a] QUANTITIES AND KINDS, CALENDAR YEARS 1903 TO 1909, BY STATES.

[From the annual reports of the American Iron and Steel Association.]

ANTHRACITE AND MIXED ANTHRACITE AND COKE PIG IRON.

| State. | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 |
|---|---|---|---|---|---|---|---|
| | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* | *Tons.* |
| New York | 284,018 | 134,762 | 189,423 | 173,341 | 117,288 | 355,009 | 698,431 |
| New Jersey | | | | | | | |
| Pennsylvania | 1,615,701 | 1,091,641 | 1,485,092 | 1,387,345 | 1,254,266 | | |
| Maryland | 11,628 | 1,737 | ..... | ..... | ..... | ..... | ..... |
| Total | 1,911,347 | 1,228,140 | 1,674,515 | 1,560,686 | 1,371,554 | 355,009 | 698,431 |

CHARCOAL PIG IRON.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Massachusetts | 3,265 | 3,149 | | | | | |
| Connecticut | 14,501 | 8,922 | 16,991 | 20,239 | 19,119 | 14,494 | 20,629 |
| New York | 32,376 | 29,904 | | | | | |
| Pennsylvania | 4,070 | 2,593 | 3,294 | 2,663 | 2,289 | 2,479 | 2,691 |
| Maryland | 5,794 | 5,335 | 2,071 | 4,903 | 1,444 | 3,298 | 5,588 |
| Virginia | | | | | | | |
| Tennessee | | | | | | | |
| Texas | 15,200 | 8,180 | | | | | |
| Kentucky | | | 21,857 | [b]27,018 | 20,519 | 19,474 | 14,684 |
| Georgia | 41,832 | 24,648 | | | | | |
| Alabama | 73,107 | 30,492 | 25,548 | 25,830 | 35,141 | 23,815 | 33,641 |
| Ohio | 9,540 | 988 | 4,175 | 5,450 | 2,425 | 2,400 | ..... |
| Michigan | 244,709 | 171,519 | 210,573 | 281,368 | 294,922 | 143,492 | 231,733 |
| Wisconsin | | | | | | | |
| Missouri | 60,363 | 51,799 | 68,419 | 65,536 | 61,538 | 39,694 | 67,037 |
| Washington | | | | | | | |
| California[c] | | | | | | | |
| Total | 504,757 | 337,529 | 352,928 | 433,007 | 437,397 | 249,146 | 376,003 |

BITUMINOUS COAL AND COKE PIG IRON.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| New York | 430,726 | 547,184 | 1,111,885 | 1,505,201 | 1,659,752 | 1,018,795 | 1,731,434 |
| New Jersey | 17,464 | 156,153 | 206,795 | 253,507 | 255,901 | 192,352 | 256,846 |
| Pennsylvania | 6,591,729 | 6,550,087 | 9,090,741 | 9,857,861 | 10,091,994 | 6,662,723 | 10,255,330 |
| Maryland | 310,686 | 290,905 | 331,870 | 385,300 | 411,833 | 183,502 | 284,356 |
| West Virginia | 199,013 | 270,945 | 298,179 | 304,534 | 291,066 | 65,551 | 228,282 |
| Kentucky | 102,441 | 37,106 | 63,381 | 95,945 | 125,984 | 43,172 | 84,016 |
| Tennessee | 414,821 | 299,446 | 370,217 | 424,341 | 390,606 | 288,316 | 330,909 |
| Virginia | | | | | | | |
| North Carolina | 574,266 | 351,498 | 528,036 | 550,327 | 517,095 | 326,465 | 404,725 |
| Georgia | | | | | | | |
| Texas | ..... | ..... | ..... | | | | |
| Alabama | 1,488,291 | 1,423,021 | 1,578,514 | 1,649,018 | 1,651,533 | 1,373,199 | 1,729,976 |
| Ohio | 3,277,894 | 2,976,941 | 4,581,935 | 5,321,683 | 5,248,262 | 2,858,925 | 5,551,545 |
| Illinois | 1,692,375 | 1,655,991 | 2,084,483 | 2,156,866 | 2,457,768 | 1,691,944 | 2,467,156 |
| Indiana[d] | ..... | | | | | | |
| Wisconsin | 209,012 | 218,342 | 332,057 | 354,391 | 358,268 | [e]315,985 | [e]971,837 |
| Michigan | ..... | | | | | | |
| Minnesota | | | | | | | |
| Missouri | 283,503 | 153,745 | 436,844 | 454,524 | 512,348 | 310,934 | 424,625 |
| Colorado | | | | | | | |
| Washington | | | | | | | |
| Total | 15,592,221 | 14,931,364 | 20,964,937 | 23,313,498 | 23,972,410 | 15,331,863 | 24,721,037 |

[a] In tons of 2,240 pounds.

[b] Includes about 500 tons of pig iron made in Georgia in 1906 with charcoal and coke mixed as fuel.

[c] Produced a small quantity of pig iron with charcoal and electricity in 1907, 1908, and 1909.

[d] The production of Indiana is included with Wisconsin and Michigan for 1907, 1908, and 1909 only. Prior to 1907 Indiana had not made pig iron for a number of years.

[e] Includes a small quantity of iron made experimentally in Michigan with manufactured gas.

## No. 105.—CRUDE-STEEL PRODUCTION: QUANTITIES AND KINDS, 1877 TO 1908.

[From the annual reports of the American Iron and Steel Association.]

| Calendar year. | Bessemer ingots and castings. | Open-hearth ingots and castings. | Crucible ingots and castings. | All other steels. | Total. |
|---|---|---|---|---|---|
| | *Long tons.* | *Long tons.* | *Long tons.* | *Long tons.* | *Long tons.* |
| 1877 | 500,524 | 22,349 | 36,098 | 10,647 | 569,618 |
| 1878 | 653,773 | 32,255 | 38,309 | 7,640 | 731,977 |
| 1879 | 829,439 | 50,259 | 50,696 | 4,879 | 935,273 |
| 1880 | 1,074,262 | 100,851 | 64,664 | 7,558 | 1,247,335 |
| 1881 | 1,374,247 | 131,202 | 80,145 | 2,720 | 1,588,314 |
| 1882 | 1,514,687 | 143,341 | 75,973 | 2,691 | 1,736,692 |
| 1883 | 1,477,345 | 119,356 | 71,835 | 4,999 | 1,673,535 |
| 1884 | 1,375,531 | 117,515 | 53,270 | 4,563 | 1,550,879 |
| 1885 | 1,519,430 | 133,376 | 57,599 | 1,515 | 1,711,920 |
| 1886 | 2,269,190 | 218,973 | 71,973 | 2,367 | 2,562,503 |
| 1887 | 2,936,033 | 322,069 | 75,375 | 5,594 | 3,339,071 |
| 1888 | 2,511,161 | 314,318 | 70,279 | 3,682 | 2,899,440 |
| 1889 | 2,930,204 | 374,543 | 75,865 | 5,120 | 3,385,732 |
| 1890 | 3,688,871 | 513,232 | 71,175 | 3,793 | 4,277,071 |
| 1891 | 3,247,417 | 579,753 | 72,586 | 4,484 | 3,904,240 |
| 1892 | 4,168,435 | 669,389 | 84,709 | 4,548 | 4,927,581 |
| 1893 | 3,215,686 | 737,890 | 63,613 | 2,806 | 4,019,995 |
| 1894 | 3,571,313 | 784,936 | 51,702 | 4,081 | 4,412,032 |
| 1895 | 4,909,128 | 1,137,182 | 67,666 | 858 | 6,114,834 |
| 1896 | 3,919,906 | 1,298,700 | 60,689 | 2,394 | 5,281,689 |
| 1897 | 5,475,315 | 1,608,671 | 69,959 | 3,012 | 7,156,957 |
| 1898 | 6,609,017 | 2,280,292 | 89,747 | 3,801 | 8,932,857 |
| 1899 | 7,586,354 | 2,947,316 | 101,213 | 4,974 | 10,639,857 |
| 1900 | 6,684,770 | 3,398,135 | 100,562 | 4,862 | 10,188,329 |
| 1901 | 8,713,302 | 4,656,309 | 98,513 | 5,471 | 13,473,595 |
| 1902 | 9,138,363 | 5,687,729 | 112,772 | 8,386 | 14,947,250 |
| 1903 | 8,592,829 | 5,829,911 | 102,434 | 9,804 | 14,534,978 |
| 1904 | 7,859,140 | 5,908,166 | 83,391 | 9,190 | 13,859,887 |
| 1905 | 10,941,375 | 8,971,376 | 102,233 | 8,963 | 20,023,947 |
| 1906 | 12,275,330 | 10,980,413 | 127,513 | 14,380 | 23,398,136 |
| 1907 | 11,667,549 | 11,549,736 | 131,234 | 14,075 | 23,362,594 |
| 1908 | 6,116,755 | 7,836,729 | 63,631 | 6,132 | 14,023,247 |

## No. 106.—IRON-ORE PRODUCTION: QUANTITIES,[a] BY STATES AND TERRITORIES, CALENDAR YEARS 1903 TO 1908.

[From reports of the United States Geological Survey.]

| State or Territory. | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 |
|---|---|---|---|---|---|---|
| Alabama | 3,684,960 | 3,699,881 | 3,782,831 | 3,995,098 | 4,039,453 | 3,734,438 |
| Arkansas and Texas | [b] 34,050 | [c] | [c] | [b] 36,660 | 118,667 | [b] 55,966 |
| Colorado | 252,909 | 150,972 | 133,471 | 14,078 | 11,714 | 10,176 |
| Connecticut and Massachusetts | 30,729 | 21,990 | 25,931 | 31,343 | 37,166 | 28,112 |
| Georgia | 443,452 | 293,802 | [d] 257,124 | 411,280 | 444,114 | 321,060 |
| Kentucky, Maryland, and West Virginia | [e] 843,808 | [e] 594,898 | [e] 785,414 | 46,940 | 62,808 | 53,235 |
| Michigan | 10,600,330 | 7,089,887 | 10,885,902 | 11,822,874 | 11,830,342 | 8,839,199 |
| Minnesota | 15,371,896 | 12,728,835 | 21,735,182 | 25,364,077 | 28,969,658 | 18,652,220 |
| Missouri | 63,380 | 49,285 | 113,012 | 80,910 | [f] 111,768 | 98,414 |
| Montana, Nevada, New Mexico, Utah, and Wyoming | [g] 392,242 | [h] 210,945 | [i] 718,299 | 792,190 | [j] 819,544 | [k] 518,449 |
| New Jersey | 484,796 | 499,949 | 526,271 | 542,518 | 549,760 | 394,767 |
| New York | 540,460 | 842,303 | 1,139,937 | 1,041,992 | 1,375,020 | 697,473 |
| North Carolina | 75,252 | 64,347 | [l] | 56,057 | 50,439 | 48,522 |
| Ohio | 29,688 | 15,672 | 19,989 | 17,384 | 23,589 | 26,585 |
| Pennsylvania | 644,599 | 397,107 | 808,717 | 949,429 | 837,287 | 443,161 |
| Tennessee | 852,704 | 500,982 | 734,770 | 870,734 | 813,690 | 635,343 |
| Virginia | [m] | [m] | [m] | 828,081 | 786,856 | 692,223 |
| Wisconsin | 675,053 | 483,475 | 859,283 | 848,133 | 838,744 | 733,993 |
| Total | 35,019,308 | 27,644,330 | 42,526,133 | 47,749,728 | 51,720,619 | 35,983,336 |

[a] Tons of 2,240 pounds.
[b] Texas only.
[c] Texas included under Montana, etc.; also Arkansas in 1905.
[d] Includes North Carolina.
[e] Includes Virginia; also Iowa in 1905.
[f] Includes Iowa.
[g] No production in Montana.
[h] Includes Texas.
[i] Includes Arkansas and Texas.
[j] Includes California and Washington.
[k] Includes Washington.
[l] Included under Georgia.
[m] Included under Kentucky, etc.

## No. 107.—IRON AND STEEL MANUFACTURES: QUANTITIES AND KINDS, CALENDAR YEARS 1904 TO 1908.

[From the annual reports of the American Iron and Steel Association.]

| Articles. | 1904 | 1905 | 1906 | 1907 | 1908 |
|---|---|---|---|---|---|
| | *Tons.*[a] | *Tons.*[a] | *Tons.*[a] | *Tons.*[a] | *Tons.*[a] |
| Pig iron | 16,497,033 | 22,992,380 | 25,307,191 | 25,781,361 | 15,936,018 |
| Spiegeleisen and ferromanganese | 219,446 | 289,983 | 300,500 | 339,348 | 152,018 |
| Finished iron and steel: | | | | | |
| Structural shapes | 949,146 | 1,660,519 | 2,118,772 | 1,940,352 | 1,083,181 |
| Wire rods | 1,699,023 | 1,808,688 | 1,871,614 | 2,017,583 | 1,816,949 |
| Plate and sheet, except nail plate | 2,421,398 | 3,532,230 | 4,182,156 | 4,248,832 | 2,649,693 |
| Nail plate | 61,601 | 64,542 | 54,211 | 52,027 | 45,747 |
| Bar, bolt, hoop, skelp, rolled axles, rolled armor plate, etc | 4,597,497 | 6,398,107 | 7,383,828 | 7,972,374 | 4,311,608 |
| Total rolled, including nail plate and excluding rails | 9,728,670 | 13,464,086 | 15,610,581 | 16,231,168 | 9,907,178 |
| Total rolled, including both nail plate and rails | 12,013,381 | 15,840,015 | 19,588,468 | 19,864,822 | 11,828,789 |
| Nails: | | | | | |
| Cut nails and cut spikes | [b]1,283,362 | [b]1,357,549 | 1,189,239 | [b]1,109,138 | [b]956,182 |
| Wire nails | [b]11,926,661 | [b]10,854,892 | 11,486,647 | [b]11,731,044 | [b]10,662,972 |
| Rails: | | | | | |
| Bessemer steel | 2,137,957 | 3,192,347 | 3,791,459 | 3,380,025 | 1,354,236 |
| Open-hearth steel | 145,883 | 183,264 | 186,413 | 252,704 | 567,304 |
| Iron | 871 | 318 | 15 | 925 | 71 |
| Total | 2,284,711 | 3,375,929 | 3,977,887 | 3,633,654 | 1,921,611 |
| Steel ingots and castings: | | | | | |
| Bessemer | 7,859,140 | 10,941,375 | 12,275,880 | 11,667,549 | 6,116,755 |
| Open hearth | 5,908,166 | 8,971,376 | 10,980,413 | 11,549,736 | 7,836,729 |
| Crucible | 83,391 | 102,233 | 127,513 | 131,234 | 68,631 |
| All other | 9,190 | 8,963 | 14,380 | 14,075 | 6,132 |
| Total crude steel | 13,859,887 | 20,023,947 | 23,398,186 | 23,362,594 | 14,023,247 |
| Ore, pig, and scrap blooms for sale | 5,743 | 12,750 | 17,833 | 17,554 | 8,103 |
| Tin plates and terneplates | 458,208 | 493,500 | 577,562 | 514,775 | 537,087 |

[a] Of 2,240 pounds. [b] Kegs of 100 pounds.

## No. 108.—TIN-PLATE MANUFACTURES: QUANTITIES, 1893 TO 1908.

[From report of Col. Ira Ayer, special Treasury agent, to 1896, inclusive; 1897 to date from the annual reports of the American Iron and Steel Association, excepting 1900 and 1906, which are from census reports.]

| Calendar year. | Tin plates. | Terne-plates. | Amount made from— | | Total. |
|---|---|---|---|---|---|
| | | | American black plates. | Foreign black plates. | |
| | *Pounds net.* | *Pounds net.* | *Pounds net.* | *Pounds net.* | *Pounds net.* |
| 1893 | 64,536,209 | 59,070,498 | 54,337,889 | 69,268,818 | 123,606,707 |
| 1894 | 102,223,407 | 64,120,002 | 119,667,483 | 46,675,296 | 166,343,409 |
| 1895 | 165,927,907 | 88,683,488 | 241,316,527 | 13,294,868 | 254,611,395 |
| 1896 | 270,151,785 | 89,058,013 | 358,212,482 | 997,316 | 359,209,798 |
| 1897 | | | | | 574,779,520 |
| 1898 | | | | | 732,289,600 |
| 1899 | | | | | 808,360,000 |
| 1900[a] | 707,718,239 | 141,285,783 | | | 849,004,022 |
| 1901 | | | | | 894,411,840 |
| 1902 | | | | | 806,400,000 |
| 1903 | | | | | 1,075,200,000 |
| 1904[b] | 867,526,985 | 158,857,866 | | | 1,026,384,851 |
| 1905 | | | | | 1,105,440,000 |
| 1906 | 1,100,373,000 | 193,367,000 | | | 1,293,739,000 |
| 1907 | 996,650,000 | 156,447,000 | | | 1,153,097,000 |
| 1908 | 1,048,896,000 | 154,179,000 | | | 1,203,075,000 |

[a] Census year ended May 31. [b] Census year ended December 31.

## No. 109.—FERMENTED LIQUORS AND DISTILLED SPIRITS PRODUCED, AND DISTILLED SPIRITS TAX PAID FOR CONSUMPTION: QUANTITIES [a] AND KINDS, 1890 TO 1909.

[From reports of the Commissioner of Internal Revenue.]

| Year ended June 30— | Production of distilled spirits, exclusive of brandy distilled from fruit. | | | | | | | | | Production of fermented liquors. | Production of fruit brandy, including apple, peach, and grape. | Total production of distilled spirits. | Distilled spirits other than fruit brandy [tax paid for consumption]. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Bourbon whisky. | Rye whisky. | Alcohol. | Rum. | Gin. | High wines. | Pure, neutral, or cologne spirits. | Miscellaneous. | Total. | | | | |
| | *Tax. galls.* | *Tax. galls.* | *Tax. galls.* | *Tax. galls.* | *Tax. galls.* | *Tax. galls.* | *Tax. galls.* | *Tax. galls.* | *Tax. galls.* | *Barrels.* [b] | *Tax. galls.* | *Tax. galls.* | *Tax. galls.* |
| 1890 | 32,474,784 | 13,355,577 | 11,354,448 | 1,657,808 | 1,202,940 | 555,572 | 34,022,619 | 14,652,180 | 109,275,928 | 27,561,944 | 1,825,810 | 111,101,738 | 83,535,206 |
| 1891 | 29,931,415 | 14,345,389 | 12,260,821 | 1,784,312 | 1,293,874 | 1,007,070 | 35,356,126 | 19,983,382 | 115,962,389 | 30,497,209 | 1,804,712 | 117,767,101 | 87,254,001 |
| 1892 | 29,017,797 | 13,436,827 | 14,490,987 | 1,956,318 | 1,338,617 | 633,590 | 37,690,335 | 16,204,570 | 114,769,041 | 31,856,626 | 3,667,465 | 118,436,506 | 93,084,725 |
| 1893 | 40,835,873 | 16,702,240 | 12,250,380 | 2,106,765 | 1,424,490 | 449,209 | 37,577,052 | 17,305,773 | 128,651,782 | 34,591,179 | 2,358,548 | 131,010,330 | 97,458,348 |
| 1894 | 15,518,349 | 10,026,544 | 10,570,070 | 1,864,595 | 1,287,977 | 126,506 | 35,377,115 | 14,434,336 | 89,205,492 | 33,362,373 | 2,948,159 | 92,153,651 | 87,346,334 |
| 1895 | 18,717,153 | 12,321,543 | 8,819,923 | 1,777,083 | 1,176,669 | 209,699 | 21,062,216 | 15,865,309 | 79,949,595 | 33,589,784 | 1,960,176 | 81,909,771 | 74,453,039 |
| 1896 | 16,935,862 | 9,153,066 | 9,960,301 | 1,490,228 | 1,093,376 | 198,299 | 25,564,738 | 22,187,833 | 86,588,703 | 35,859,250 | 3,403,852 | 89,992,555 | 67,039,910 |
| 1897 | 6,113,726 | 4,269,220 | 9,503,353 | 1,294,157 | 1,159,314 | 206,739 | 16,877,306 | 23,041,833 | 62,465,648 | 34,462,822 | 1,813,427 | 64,279,075 | 68,833,231 |
| 1898 | 13,439,459 | 8,818,240 | 11,672,795 | 1,340,547 | 1,267,579 | 174,124 | 20,613,205 | 23,436,264 | 80,762,213 | [c] 37,529,339 | 2,906,198 | 83,668,411 | 78,353,301 |
| 1899 | 17,256,331 | 10,792,565 | 11,974,354 | 1,494,379 | 1,266,823 | 420,833 | 25,876,229 | 27,983,051 | 97,064,565 | [c] 36,697,634 | 3,097,769 | 100,162,334 | 83,819,314 |
| 1900 | 19,411,829 | 14,296,568 | 10,735,771 | 1,614,514 | 1,597,081 | 249,743 | 24,173,671 | 33,405,523 | 105,484,700 | [c] 39,471,593 | 3,760,487 | 109,245,187 | 93,500,840 |
| 1901 | 26,209,804 | 18,263,709 | 10,775,117 | 1,724,582 | 1,636,299 | 454,627 | 30,228,804 | 35,227,657 | 124,520,599 | [c] 40,614,258 | 4,047,602 | 128,568,201 | 99,267,732 |
| 1902 | 20,336,250 | 21,587,221 | 11,483,305 | 2,202,047 | 1,752,281 | 341,222 | 37,429,734 | 33,491,342 | 128,623,402 | [c] 44,550,127 | 4,220,400 | 132,843,802 | 103,401,447 |
| 1903 | 26,068,555 | 22,407,053 | 12,034,127 | 2,247,907 | 1,913,404 | 286,433 | 54,620,400 | 22,198,323 | 141,776,202 | [c] 46,720,179 | 6,430,673 | 148,206,875 | 112,905,399 |
| 1904 | 20,247,089 | 18,371,345 | 11,486,082 | 1,801,179 | 2,110,216 | 309,990 | 57,997,506 | 21,988,545 | 134,311,952 | [c] 48,265,168 | 5,193,262 | 139,505,214 | 116,148,344 |
| 1905 | 26,742,168 | 20,410,422 | 11,610,799 | 1,791,987 | 2,187,709 | 192,067 | 60,944,811 | 23,930,831 | 147,810,794 | [c] 49,522,029 | 5,448,584 | 153,259,378 | 116,143,732 |
| 1906 | 24,968,943 | 21,469,720 | 11,173,614 | 1,730,102 | 2,323,289 | 179,313 | 59,626,733 | 24,194,411 | 145,666,125 | [c] 54,724,553 | 4,444,072 | 150,110,197 | 122,732,822 |
| 1907 | 33,090,791 | 23,550,196 | 16,123,379 | 2,022,407 | 2,947,688 | 124,935 | 60,802,852 | 29,911,665 | 168,573,913 | [c] 58,622,002 | 6,138,305 | 174,712,218 | 134,142,074 |
| 1908 | 14,120,484 | 13,587,868 | 16,849,154 | 1,895,922 | 2,756,753 | 50,062 | 50,935,821 | 26,793,676 | 126,989,740 | [c] 58,814,033 | 6,899,823 | 133,889,563 | 119,808,402 |

Production of distilled spirits, as classified by Internal Revenue Circular No. 723, embodying opinion of Attorney-General as to names of spirits.

| | Whisky. | Rum. | Gin. | High wines. | Alcohol. | Commercial alcohol. | Total. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Tax. galls.* [a] | *Tax. galls.* [a] | *Tax. galls.* [a] | *Tax. galls.* [a] | *Tax. galls.* [a] | *Tax. galls.* [a] | *Tax. galls.* [a] | | | | | | |
| 1909 | 70,152,175 | 1,952,374 | 2,483,743 | 221,277 | 42,563,103 | 16,078,083 | 133,450,755 | [b] 56,364,360 | 6,440,858 | 139,891,613 | 114,799,465 | | |

[a] With respect to units of quantity, see explanation of terms, page 20.

[b] Of not more than 31 gallons.

[c] Includes fermented liquors removed from breweries for export free of tax.

## No. 110.—DISTILLED SPIRITS PRODUCED: QUANTITIES, BY STATES AND TERRITORIES, YEARS ENDED JUNE 30, 1904 TO 1909.

[From reports of the Commissioner of Internal Revenue.]

| State or Territory. | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 |
|---|---|---|---|---|---|---|
| | *Tax. galls.*[a] | *Tax. galls.*[a] | *Tax. galls.*[a] | *Tax. galls.*[a] | *Tax. galls.*[a] | *Tax. galls.*[a] |
| Alabama and Mississippi[b] | 157,194 | 144,597 | 213,402 | 214,255 | 122,266 | 176 |
| Arkansas | 30,963 | 65,198 | 45,993 | 49,829 | 53,048 | 13,036 |
| California and Nevada | 5,488,932 | 5,705,346 | 5,402,228 | 6,982,522 | 8,391,008 | 8,154,409 |
| Colorado and Wyoming | 1,888 | 621 | 603 | 761 | ..... | 38 |
| Connecticut and Rhode Island | 200,970 | 202,778 | 102,793 | 125,434 | 139,933 | 120,790 |
| Florida | 118 | 161 | 221 | ..... | 54 | 49,430 |
| Georgia | 214,622 | 231,753 | 309,192 | 362,816 | 141,850 | 19,018 |
| Hawaii | ..... | ..... | ..... | ..... | 715 | 6,332 |
| Illinois | 41,787,891 | 44,408,930 | 42,754,966 | 48,273,128 | 41,158,599 | 37,793,376 |
| Indiana | 20,865,217 | 21,266,932 | 21,874,221 | 26,873,413 | 23,983,222 | 21,916,486 |
| Iowa | 102 | 28 | 33,720 | 74,504 | 33,940 | 23 |
| Kansas and Oklahoma[c] | 23,206 | 11,392 | 18,800 | 6,722 | ..... | 357 |
| Kentucky | 23,114,735 | 30,848,701 | 29,645,335 | 38,301,247 | 16,995,973 | 27,524,275 |
| Louisiana and Mississippi[b] | 3,851,376 | 5,806,832 | 4,185,180 | 3,955,829 | 3,902,525 | 5,890,692 |
| Maryland, District of Columbia, Delaware, and two counties in Virginia | 5,100,766 | 6,070,199 | 5,973,684 | 6,066,898 | 2,602,273 | 3,667,441 |
| Massachusetts | 1,713,279 | 1,635,772 | 1,635,220 | 1,909,932 | 2,502,224 | 2,387,333 |
| Michigan | 861,298 | 702,676 | 1,016,817 | 1,495,357 | 1,876,607 | 2,180,436 |
| Missouri | 291,214 | 392,766 | 442,932 | 490,261 | 247,987 | 393,618 |
| Montana, Idaho, and Utah | 263 | 400 | 34 | 251 | 7,190 | 6,566 |
| Nebraska | 1,868,682 | 1,855,643 | 1,786,297 | 1,899,197 | 1,808,993 | 1,924,106 |
| New Hampshire, Maine, and Vermont | 18,804 | 14,954 | 17,106 | 17,799 | 20,773 | ..... |
| New Jersey | 99,276 | 118,249 | 80,260 | 68,752 | 103,506 | 70,455 |
| New Mexico and Arizona | 1,274 | 166 | 1,215 | 396 | 157 | 279 |
| New York | 6,762,728 | 7,814,167 | 8,026,713 | 8,697,157 | 7,445,897 | 6,674,603 |
| North Carolina | 494,940 | 670,238 | 593,227 | 665,176 | 599,139 | 271,761 |
| Ohio | 13,290,884 | 11,754,912 | 11,780,386 | 12,625,801 | 10,323,194 | 9,119,611 |
| Oregon[d] | 719 | 571 | 286 | 491 | 406 | 1,066 |
| Pennsylvania | 8,867,744 | 8,935,690 | 9,340,139 | 10,471,022 | 6,961,945 | 7,793,950 |
| South Carolina | 666,321 | 712,578 | 365,409 | 101,124 | 5,925 | ..... |
| Tennessee | 1,005,022 | 1,172,708 | 1,580,376 | 1,838,094 | 1,480,498 | 1,079,215 |
| Texas | 1,396 | 1,151 | 474 | 127 | 20 | 928 |
| Virginia | 304,086 | 321,176 | 480,490 | 707,819 | 712,079 | 574,711 |
| Washington and Alaska | 2,120 | 539 | 844 | 1,231 | 614 | 187 |
| West Virginia | 278,764 | 359,009 | 252,127 | 261,637 | 178,086 | 174,021 |
| Wisconsin | 2,138,420 | 2,032,546 | 2,149,507 | 2,173,236 | 2,088,917 | 2,082,888 |
| Total | 139,505,214 | 153,259,379 | 150,110,197 | 174,712,218 | 133,889,563 | 139,891,613 |

[a] See explanation of terms, page 20.

[b] State of Mississippi detached from Louisiana and consolidated with Alabama June 1, 1908, to be known as the district of Alabama.

[c] Indian Territory and the Territory of Oklahoma constituted by act of Congress the State of Oklahoma November 16, 1907.

[d] Washington and Alaska were detached from the district of Oregon September 1, 1902, and constituted a collection district, to be known as the district of Washington.

## No. 111.—FERMENTED LIQUORS PRODUCED: QUANTITIES, BY STATES AND TERRITORIES, YEARS ENDED JUNE 30, 1904 TO 1909.

[From reports of the Commissioner of Internal Revenue.]

| State or Territory. | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 |
|---|---|---|---|---|---|---|
| | *Barrels.*[a] | *Barrels.*[a] | *Barrels.*[a] | *Barrels.*[a] | *Barrels.*[a] | *Barrels.*[a] |
| Alabama and Mississippi[b] | 83,055 | 89,468 | 106,204 | 114,967 | 90,088 | 57,319 |
| Arkansas | 9,100 | 7,800 | 7,925 | 10,100 | 11,775 | 10,452 |
| California and Nevada | 1,044,163 | 1,067,697 | 1,081,059 | 1,203,442 | 1,246,653 | 1,188,881 |
| Colorado and Wyoming | 300,937 | 312,190 | 360,760 | 399,046 | 437,780 | 411,470 |
| Connecticut and Rhode Island | 907,543 | 937,529 | 1,084,134 | 1,222,776 | 1,239,934 | 1,211,588 |
| Florida | 11,470 | 12,807 | 17,044 | 17,200 | 14,968 | 15,750 |
| Georgia | 140,377 | 150,398 | 172,745 | 175,860 | 118,370 | 115,155 |
| Hawaii | 14,510 | 14,433 | 14,803 | 16,380 | 12,685 | 14,048 |
| Illinois | 4,632,726 | 4,777,783 | 5,196,920 | 5,423,328 | 5,535,299 | 5,525,473 |
| Indiana | 1,153,247 | 1,226,118 | 1,332,701 | 1,412,531 | 1,366,075 | 1,273,081 |
| Iowa | 340,795 | 353,393 | 391,182 | 420,956 | 411,455 | 437,177 |
| Kansas and Oklahoma[c] | 21,945 | 26,695 | 29,565 | 41,985 | 27,100 | 5,872 |
| Kentucky | 603,875 | 640,352 | 708,939 | 743,964 | 738,852 | 704,948 |
| Louisiana and Mississippi[b] | 316,002 | 359,931 | 425,957 | 490,727 | 511,439 | 475,432 |
| Maryland, District of Columbia, and Delaware, and two counties in Virginia | 1,220,948 | 1,310,090 | 1,429,703 | 1,453,782 | 1,443,952 | 1,376,610 |
| Massachusetts | 1,841,160 | 1,832,829 | 2,042,756 | 2,159,266 | 2,202,006 | 2,043,018 |
| Michigan | 1,217,980 | 1,217,794 | 1,382,585 | 1,521,305 | 1,539,833 | 1,483,207 |
| Minnesota | 953,529 | 986,621 | 1,113,019 | 1,239,939 | 1,339,158 | 1,412,071 |
| Missouri | 3,408,231 | 3,517,741 | 3,600,090 | 3,867,732 | 3,855,642 | 3,718,554 |
| Montana, Idaho, and Utah | 296,829 | 333,953 | 372,983 | 422,960 | 464,042 | 460,528 |
| Nebraska | 285,307 | 286,345 | 330,679 | 355,570 | 383,088 | 389,820 |
| New Hampshire, Maine, and Vermont | 353,159 | 344,346 | 316,774 | 323,363 | 301,132 | 274,733 |
| New Jersey | 2,665,845 | 2,684,473 | 3,003,919 | 3,138,604 | 3,179,206 | 3,114,943 |
| New Mexico and Arizona | 7,865 | 16,550 | 27,723 | 29,347 | 27,197 | 24,525 |
| New York | 10,693,983 | 11,062,210 | 12,346,947 | 13,018,902 | 12,963,905 | 12,573,773 |
| North Carolina | ..... | ..... | ..... | ..... | 10 | ..... |
| North and South Dakota | 38,358 | 36,272 | 41,617 | 41,277 | 45,845 | 44,940 |
| Ohio | 3,826,139 | 3,908,638 | 4,256,639 | 4,324,473 | 4,405,366 | 4,061,730 |
| Oregon[d] | 124,743 | 139,889 | 154,299 | 205,757 | 196,905 | 194,231 |
| Pennsylvania | 6,123,936 | 6,114,257 | 6,961,277 | 7,541,796 | 7,569,557 | 7,050,262 |
| South Carolina | 3,132 | 2,895 | 1,735 | 3,001 | 4,090 | 5,157 |
| Tennessee | 210,656 | 225,089 | 263,091 | 290,939 | 260,638 | 255,200 |
| Texas | 402,625 | 410,496 | 481,345 | 557,943 | 547,738 | 553,792 |
| Virginia | 164,739 | 165,628 | 190,858 | 209,884 | 192,814 | 164,293 |
| Washington and Alaska | 515,817 | 559,857 | 614,711 | 862,337 | 877,263 | 822,234 |
| West Virginia | 264,356 | 276,754 | 292,342 | 334,241 | 341,700 | 293,189 |
| Wisconsin | 4,066,086 | 4,112,708 | 4,569,523 | 5,026,322 | 4,910,473 | 4,600,931 |
| Total[e] | 48,265,168 | 49,522,029 | 54,724,553 | 58,622,002 | 58,814,033 | 56,364,360 |

[a] Of not more than 31 gallons.

[b] State of Mississippi detached from Louisiana and consolidated with Alabama June 1, 1908, to be known as the district of Alabama.

[c] Indian Territory and the Territory of Oklahoma constituted by the act of Congress the State of Oklahoma November 16, 1907.

[d] The State of Washington and Territory of Alaska were detached from the district of Oregon September 1, 1902, and constituted a collection district, to be known as the district of Washington.

[e] Includes quantities removed from breweries for export free of tax, as follows: 1901, 97,180 barrels; 1902, 71,295 barrels; 1903, 69,449 barrels; 1904, 57,035 barrels; 1905, 62,489 barrels; 1906, 72,916 barrels; 1907, 75,891 barrels; 1908, 66,353 barrels; 1909, 60,863 barrels.

**No. 112.—OLEOMARGARINE:** PRODUCTION ON WHICH INTERNAL-REVENUE TAX WAS PAID, YEARS ENDED JUNE 30, 1902 TO 1909, BY STATES AND TERRITORIES.

[Prepared by the Commissioner of Internal Revenue.]

| State or Territory. | 1902 | | 1903 | | 1904 | | 1905 | |
|---|---|---|---|---|---|---|---|---|
| | Quantity. | Tax paid. | Quantity. | Tax paid. | Quantity. | Tax paid. | Quantity. | Tax paid. |
| | *Pounds.* | *Dollars.* | *Pounds.* | *Dollars.* | *Pounds.* | *Dollars.* | *Pounds.* | *Dollars.* |
| California | | | | | 1,800 | 4.50 | | |
| Colorado | 38,045 | 760.90 | 63,037 | 539.50 | 11,006 | 82.70 | | |
| Connecticut | 10,997,240 | 219,944.80 | [a] 7,026,383 | 22,683.07 | 5,420,268 | 29,478.27 | [a] 2,477,238 | 18,352.30 |
| Georgia | | | [b] 716 | 107.40 | 420 | 42.00 | | |
| Illinois | 49,359,177 | 987,183.54 | 30,495,955 | 229,033.59 | 20,729,107 | 118,815.31 | 31,001,113 | 315,960.97 |
| Indiana | 11,192,496 | 223,849.92 | 7,028,342 | 27,639.68 | 2,608,715 | 24,828.67 | 603,945 | 5,609.25 |
| Iowa | | | 37,400 | 93.50 | | | | |
| Kansas | 19,793,666 | 395,873.32 | 14,044,666 | 59,311.77 | 9,471,920 | 31,926.35 | 6,003,434 | 35,907.71 |
| Kentucky | 311,753 | 6,235.06 | 101,292 | 253.23 | | | | |
| Maryland | 6,132,116 | 123,431.64 | 225,056 | 2,653.43 | [c] 349,644 | 4,987.05 | [c] 179,658 | 1,730.10 |
| Missouri | 76,710 | 1,534.20 | 319,121 | 12,897.65 | 360,391 | 14,766.55 | 409,913 | 17,970.77 |
| New Jersey | 911,871 | 18,237.42 | 541,720 | 1,867.90 | 964,166 | 5,134.80 | 926,816 | 2,640.35 |
| New York | 25 | 3.75 | [b] 25 | 3.75 | [b] 360 | 54.00 | | |
| Ohio | 21,244,118 | 425,027.96 | 9,242,065 | 72,622.39 | 6,933,211 | 43,075.27 | 7,589,978 | 39,469.64 |
| Oregon | 3,000 | 60.00 | | | | | | |
| Pennsylvania | 2,522,736 | 50,454.72 | 1,482,521 | 9,764.66 | 502,870 | 2,434.00 | | |
| Texas | 550,900 | 11,018.00 | 624,490 | 6,622.40 | 717,932 | 4,415.63 | 688,888 | 7,334.32 |
| Virginia | | | 4,649 | 464.90 | 40 | .10 | | |
| Total | [d] 123,133,853 | 2,463,615.23 | [e] 71,237,438 | 446,558.82 | [f] 48,071,850 | 280,045.20 | [g] 49,880,983 | 444,975.41 |

| State or Territory. | 1906 | | 1907 | | 1908 | | 1909 | |
|---|---|---|---|---|---|---|---|---|
| | Quantity. | Tax paid. | Quantity. | Tax paid. | Quantity. | Tax paid. | Quantity. | Tax paid. |
| | *Pounds.* | *Dollars.* | *Pounds.* | *Dollars.* | *Pounds.* | *Dollars.* | *Pounds.* | *Dollars.* |
| Colorado | | | | | | | 220 | 16.15 |
| Connecticut | [a] 2,119,251 | 7,317.07 | [a] 3,961,250 | 11,634.53 | [a] 5,984,654 | 15,091.31 | [a] 7,352,497 | 29,399.60 |
| Illinois | 36,227,790 | 268,415.91 | 48,185,469 | 532,922.31 | 51,695,991 | 501,674.67 | 56,670,551 | 371,463.15 |
| Indiana | 715,287 | 12,472.95 | 914,005 | 15,444.10 | 1,611,000 | 20,670.75 | 1,245,022 | 14,932.48 |
| Kansas | 5,459,309 | 33,130.82 | 5,531,549 | 36,745.76 | 5,850,666 | 44,754.36 | 8,752,233 | 127,007.52 |
| Kentucky | 3,000 | 300.00 | 2,527 | 252.70 | | | 153 | 15.30 |
| Maryland | 105,370 | 572.50 | 158,100 | 1,054.35 | 253,081 | 2,493.10 | 271,423 | 2,494.30 |
| Massachusetts | | | 210 | 21.00 | | | | |
| Michigan | 2,852 | 285.20 | | | 5,180 | 12.95 | 429 | 42.90 |
| Missouri | 571,034 | 16,718.51 | 702,700 | 20,143.30 | 873,123 | 20,788.05 | 880,780 | 16,197.93 |
| Nebraska | | | | | 450 | 45.00 | | |
| New Jersey | 466,176 | 1,263.33 | 594,852 | 1,504.68 | 1,312,522 | 3,346.24 | 1,518,524 | 3,911.36 |
| New York | | | | | [b] 28 | 4.20 | | |
| Ohio | 6,955,972 | 35,123.23 | 8,335,162 | 43,659.73 | 11,020,190 | 60,061.87 | 13,330,277 | 57,983.74 |
| Pennsylvania | 800 | 80.00 | 9,976 | 997.60 | 671 | 67.05 | 7,490 | 749.00 |
| Tennessee | | | | | 16,556 | 66.74 | | |
| Texas | 519,818 | 5,912.27 | 593,050 | 10,457.50 | 483,190 | 16,153.75 | 592,200 | 14,646.90 |
| Total | [h] 53,146,659 | 381,591.79 | [i] 68,988,850 | 674,837.56 | [j] 79,107,302 | 685,230.04 | [k] 90,621,799 | 638,860.33 |

[a] Entire production in Rhode Island returned under the district of Connecticut.
[b] Imported.
[c] Entire production in the District of Columbia returned under the district of Maryland.
[d] Includes 7,217 pounds, at 15 cents per pound, imported.
[e] Includes 21,912 pounds, at 15 cents per pound, imported.
[f] Includes 1,639,102 pounds, at 10 cents; 46,432,388 pounds, at one-fourth of 1 cent, and 360 pounds (imported), at 15 cents per pound.
[g] Includes 3,284,851 pounds, at 10 cents, and 46,596,132 pounds, at one-fourth of 1 cent per pound.
[h] Includes 2,551,027 pounds, at 10 cents, and 50,595,632 pounds, at one-fourth of 1 cent per pound.
[i] Includes 5,152,466 pounds, at 10 cents, and 63,836,384 pounds, at one-fourth of 1 cent per pound.
[j] Includes 4,999,566 pounds, at 10 cents; 74,107,708 pounds, at one-fourth of 1 cent, and 28 pounds (imported), at 15 cents per pound.
[k] Includes 4,228,777 pounds, at 10 cents, and 86,393,022 pounds, at one-fourth of 1 cent per pound.

**No. 113.—BEET AND CANE SUGAR AND MOLASSES: QUANTITIES PRODUCED IN THE UNITED STATES, 1857–58 TO 1908–9.**

| Year. | Cane sugar.[a] | | | Beet sugar.[b] | Molasses. | | |
|---|---|---|---|---|---|---|---|
| | Louisiana. | Other Southern States. | Total. | | Louisiana. | Other Southern States. | Total. |
| | *Pounds.* | *Pounds.* | *Pounds.* | *Pounds.* | *Gallons.* | *Gallons.* | *Gallons.* |
| 1857–58.. | 307,666,700 | 14,303,000 | 321,969,700 | ..... | 19,578,790 | 795,000 | 20,373,790 |
| 1858–59.. | 414,796,000 | 18,298,000 | 433,094,000 | ..... | 24,887,760 | 1,080,000 | 25,967,760 |
| 1859–60.. | 221,726,000 | 9,256,000 | 230,982,000 | ..... | 13,439,772 | 1,514,233 | 14,954,005 |
| 1860–61.. | 265,063,000 | 9,661,000 | 274,724,000 | ..... | 18,414,550 | 1,394,000 | 19,808,550 |
| 1861–62.. | 528,321,500 | 11,509,000 | 539,830,500 | ..... | 34,216,000 | 3,502,000 | 37,718,000 |
| 1862–63.. | 96,840,000 | 6,200,000 | 103,040,000 | ..... | 7,619,000 | 381,000 | 8,000,000 |
| 1863–64.. | 84,500,000 | 560,000 | 85,060,000 | | 2,303,000 | 217,000 | 2,520,000 |
| 1864–65.. | 10,800,000 | 400,000 | 11,200,000 | | 765,000 | 85,000 | 850,000 |
| 1865–66.. | 19,900,000 | 780,000 | 20,680,000 | | 1,128,000 | 172,000 | 1,300,000 |
| 1866–67.. | 42,900,000 | 7,500,000 | 50,400,000 | | 2,570,000 | 430,000 | 3,000,000 |
| 1867–68.. | 41,400,000 | 10,120,000 | 51,520,000 | [c]896,000 | 2,800,000 | 570,000 | 3,370,000 |
| 1868–69.. | 95,051,225 | 5,750,000 | 100,801,225 | | 6,081,907 | 764,000 | 6,845,907 |
| 1869–70.. | 80,706,000 | 6,337,000 | 87,043,000 | | 4,585,150 | 2,004,544 | 6,589,694 |
| 1870–71.. | 168,878,592 | 9,426,000 | 178,304,592 | | 10,281,419 | 619,000 | 10,900,419 |
| 1871–72.. | 146,906,125 | 9,446,000 | 156,352,125 | | 10,019,958 | 681,000 | 10,700,958 |
| 1872–73.. | 125,346,493 | 9,486,000 | 134,832,493 | 1,120,000 | 8,898,640 | 601,000 | 9,499,640 |
| 1873–74.. | 103,241,119 | 5,399,000 | 108,640,119 | 1,568,000 | 8,203,944 | 507,000 | 8,710,944 |
| 1874–75.. | 134,504,691 | 7,736,000 | 142,240,691 | | 11,516,828 | 674,000 | 12,190,828 |
| 1875–76.. | 163,418,070 | 9,062,000 | 172,480,070 | | 10,870,546 | 1,380,000 | 12,250,546 |
| 1876–77.. | 190,672,570 | 8,688,000 | 199,360,570 | [c]224,000 | 12,024,108 | 876,000 | 12,900,108 |
| 1877–78.. | 147,101,941 | 11,940,000 | 159,041,941 | | 14,237,280 | 913,000 | 15,150,280 |
| 1878–79.. | 239,478,753 | 11,402,000 | 250,880,753 | 448,000 | 13,218,404 | 1,005,000 | 14,223,404 |
| 1879–80.. | 171,706,000 | 7,166,000 | 178,872,000 | 2,688,000 | 11,696,248 | 4,877,025 | 16,573,273 |
| 1880–81.. | 272,982,899 | 12,320,000 | 285,302,899 | | 15,255,029 | 1,704,000 | 16,959,029 |
| 1881–82.. | 159,874,950 | 11,200,000 | 171,074,950 | [c]1,120,000 | 9,691,104 | 2,308,896 | 12,000,000 |
| 1882–83.. | 303,066,258 | 15,680,000 | 318,746,258 | | 15,716,755 | 3,250,000 | 18,966,755 |
| 1883–84.. | 287,712,230 | 15,232,000 | 302,944,230 | 1,198,400 | 15,277,316 | 3,118,000 | 18,395,316 |
| 1884–85.. | 211,402,963 | 14,560,000 | 225,962,963 | 2,134,720 | 11,761,608 | 2,892,000 | 14,653,608 |
| 1885–86.. | 286,626,486 | 16,128,000 | 302,754,486 | 1,344,000 | 17,863,732 | 3,645,000 | 21,508,732 |
| 1886–87.. | 181,123,872 | 10,158,400 | 191,282,272 | 1,792,000 | 10,254,894 | 2,114,100 | 12,368,994 |
| 1887–88.. | 353,355,877 | 22,048,320 | 375,904,197 | 4,603,200 | 21,980,241 | 4,651,260 | 26,631,501 |
| 1888–89.. | 324,526,781 | 20,229,440 | 344,756,221 | 4,168,640 | 15,228,580 | 3,255,882 | 18,484,462 |
| 1889–90.. | 292,124,050 | 9,160,345 | 301,284,395 | 4,984,720 | 14,341,081 | 11,068,147 | 25,409,228 |
| 1890–91.. | 483,489,856 | 13,680,000 | 497,169,856 | 7,748,160 | 25,000,000 | 4,200,000 | 29,200,000 |
| 1891–92.. | 360,499,307 | 10,080,000 | 370,579,307 | 11,997,440 | 16,429,868 | 4,200,000 | 20,629,868 |
| 1892–93.. | 487,255,926 | 11,200,000 | 498,455,926 | 26,920,320 | 18,151,991 | 4,502,000 | 22,653,991 |
| 1893–94.. | 595,473,374 | 15,352,244 | 610,825,618 | 44,688,000 | 18,469,525 | 8,439,197 | 26,908,726 |
| 1894–95.. | 710,827,438 | 18,565,123 | 729,392,561 | 45,006,080 | 28,334,513 | 9,282,561 | 37,617,074 |
| 1895–96.. | 532,494,652 | 11,139,074 | 543,633,726 | 65,452,800 | 21,663,410 | 5,569,547 | 27,232,957 |
| 1896–97.. | 631,699,561 | 12,475,762 | 644,175,323 | 84,080,640 | 20,820,130 | 6,886,927 | 27,707,057 |
| 1897–98.. | 695,401,878 | 12,850,000 | 708,251,878 | 90,491,520 | 22,241,510 | 7,093,634 | 29,335,144 |
| 1898–99.. | 556,994,942 | [d]11,794,853 | 568,789,795 | 72,735,040 | 26,939,650 | [d]1,768,250 | 27,707,900 |
| 1899–00.. | 319,166,396 | 3,382,615 | 322,549,011 | 163,458,075 | 14,184,733 | 10,838,903 | 25,023,636 |
| 1900–01.. | 617,297,723 | 6,476,400 | 623,774,123 | 172,164,160 | 31,419,688 | 6,144,102 | 37,563,790 |
| 1901–02.. | 720,554,948 | 8,095,500 | 728,650,448 | 369,211,733 | 23,727,735 | 7,680,127 | 31,407,862 |
| 1902–03.. | 737,467,510 | 8,338,365 | 745,805,875 | 436,811,685 | 28,069,571 | 9,216,152 | 37,285,723 |
| 1903–04.. | 481,600,000 | [d]44,352,000 | 525,952,000 | 481,209,087 | 18,247,038 | 6,912,114 | 25,159,152 |
| 1904–05.. | 750,400,000 | [d]33,600,000 | 784,000,000 | 484,226,430 | 33,302,854 | 8,640,142 | 41,942,996 |
| 1905–06.. | 739,200,000 | [d]26,880,000 | 766,080,000 | 625,841,228 | 17,683,329 | 6,048,100 | 23,731,929 |
| 1906–07.. | 515,200,000 | [d]29,120,000 | 544,320,000 | 967,224,000 | 12,378,680 | 3,628,860 | 16,007,540 |
| 1907–08.. | 750,400,000 | [d]22,848,000 | 773,248,000 | 927,256,430 | 20,482,700 | 4,717,518 | 25,200,218 |
| 1908–09.. | 795,200,000 | [d]33,600,000 | 828,800,000 | 851,768,000 | 19,753,700 | 6,272,000 | 26,025,700 |

[a] Production of cane sugar beginning with 1903–4, from Willett & Gray; other figures are those of A. Bouchereau, New Orleans, except that for census years and 1898–99 they are those of the Census Bureau. All census figures for molasses except for 1898–99 include sirup.

[b] Beet-sugar production for 1897–98 from special report of the Department of Agriculture; for 1901–2 and later years from "Progress of the Beet-Sugar Industry in the United States;" for other years from Willett & Gray.

[c] Mean annual production.

[d] Texas only.

## No. 114.—SUGAR, MOLASSES, AND SIRUP MADE ON PLANTATIONS AND IN FACTORIES FROM SUGAR CANE HARVESTED IN THE CALENDAR YEAR 1899: QUANTITIES AND VALUES, BY STATES AND TERRITORIES.

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| State or Territory. | Sugar. | | Molasses. | | Sirup. | |
|---|---|---|---|---|---|---|
| | Pounds. | Value. | Gallons. | Value. | Gallons. | Value. |
| | | *Dollars.* | | *Dollars.* | | *Dollars.* |
| Alabama | 13,765 | 612 | ..... | ..... | 2,672,438 | 1,003,211 |
| Arizona | ..... | ..... | ..... | ..... | 438 | 228 |
| Arkansas | 50 | 2 | ..... | ..... | 44,819 | 18,791 |
| Florida | 284,300 | 12,744 | ..... | ..... | 1,687,452 | 512,038 |
| Georgia | 226,730 | 9,176 | ..... | ..... | 3,226,367 | 1,033,922 |
| Louisiana | 319,166,396 | 13,099,559 | 11,703,877 | 1,277,384 | [a] 2,480,856 | 564,842 |
| Mississippi | 18,930 | 893 | ..... | ..... | 1,413,219 | 618,975 |
| North Carolina | ..... | ..... | ..... | ..... | 1,957 | 1,008 |
| South Carolina | 49,590 | 2,256 | ..... | ..... | 805,064 | 310,799 |
| Texas | 2,789,250 | 134,074 | 98,950 | 6,719 | 888,637 | 365,819 |
| Total | 322,549,011 | 13,259,316 | 11,802,827 | 1,284,103 | 13,221,247 | 4,429,633 |
| Hawaii | 542,098,500 | 19,254,773 | [b] 4,702,292 | 8,000 | ..... | ..... |
| Grand total | 864,647,511 | 32,514,089 | [b] 16,505,119 | 1,292,103 | [a] 13,221,247 | 4,429,633 |

[a] Not including 1,923,446 gallons, valued at $327,391, later converted into sugar in other mills.
[b] Including 4,416,631 gallons with no selling value.

## No. 115.—BEET SUGAR: QUANTITIES PRODUCED IN THE UNITED STATES, 1901 TO 1908.

[From reports of the Department of Agriculture.]

| Factory year. | Factories in operation. | Area harvested. | Average yield of beets per acre. | Beets worked. | Sugar manufactured. | | Av. extraction of sugar based on weight of beets. | Av. sugar in beets. | Av. purity coefficient of beets.[b] | Av. length of campaign. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Pounds. | Tons.[a] | | | | |
| | | *Acres.* | *Tons.*[a] | *Tons.*[a] | | | *P. ct.* | *P. ct.* | | *Days.* |
| 1901 | 36 | 175,083 | 9.63 | 1,685,689 | 369,211,733 | 184,606 | 10.95 | 14.8 | 82.2 | 88 |
| 1902 | 41 | [c] 216,400 | 8.76 | 1,895,812 | 436,811,685 | 218,406 | 11.52 | [d] 14.6 | [d] 83.3 | 94 |
| 1903 | 49 | 242,576 | 8.56 | 2,076,494 | 481,209,087 | 240,604 | 11.59 | [d] 15.1 | [e] | 75 |
| 1904 | 48 | 197,784 | 10.47 | 2,071,539 | 484,226,430 | 242,113 | 11.69 | 15.3 | 83.1 | 78 |
| 1905 | 52 | 307,364 | 8.67 | 2,665,913 | 625,841,228 | 312,921 | 11.74 | 15.3 | 83.0 | 77 |
| 1906 | 63 | 376,074 | 11.26 | 4,236,112 | 967,224,000 | 483,612 | 11.42 | 14.9 | 82.2 | 105 |
| 1907 | 63 | 370,984 | 10.16 | 3,767,871 | 927,256,430 | 463,628 | 12.30 | 15.8 | 83.6 | 89 |
| Averages, 1901–1907 | ..... | 269,466 | 9.75 | 2,628,490 | 613,111,513 | 306,556 | 11.66 | 15.1 | 83.0 | 87 |
| 1908: | | | | | | | | | | |
| California | 8 | 62,302 | 10.38 | 647,085 | 179,780,000 | 89,890 | 13.89 | 17.66 | 83.2 | 88 |
| Colorado | 15 | 119,475 | 9.28 | 1,108,961 | 244,560,000 | 122,280 | 11.03 | 13.85 | 81.8 | 78 |
| Idaho | 4 | 20,989 | 9.80 | 205,657 | 52,300,000 | 26,150 | 12.72 | 15.84 | 86.9 | 78 |
| Michigan | 16 | 81,073 | 7.54 | 611,295 | 170,598,000 | 85,299 | 13.95 | 17.11 | 84.8 | 61 |
| Utah | 5 | 31,152 | 12.81 | 399,218 | 93,390,000 | 46,695 | 11.70 | 14.10 | 84.1 | 127 |
| Wisconsin | 4 | 14,700 | 9.37 | 137,800 | 36,640,000 | 18,320 | 13.80 | 16.72 | 84.5 | 71 |
| States having but a single factory[f] (Illinois, Iowa, Kansas, Minnesota, Montana, Nebraska, New York, Ohio, Oregon, Washington) | 10 | 35,222 | 8.65 | 304,875 | 74,500,000 | 37,250 | 12.22 | 15.22 | 82.0 | 54 |
| Totals and averages[g] | 62 | 364,913 | 9.36 | 3,414,891 | 851,768,000 | 425,884 | 12.47 | 15.74 | 83.5 | 74 |

[a] Tons of 2,000 pounds each.
[b] By purity coefficient is meant the percentage of sugar in the total solids of the substance tested, whether it be beets, juice, or sirup. In this table it represents the average percentage of sugar in the total solids of the beets as determined by tests made at the factories.
[c] Based on reports from 27 factories and careful estimates for 14 others.
[d] These averages are not based on data for all the factories, as some of them failed to report results of tests, but it is believed that they fairly represent the character of the total beet crops.
[e] No data reported.
[f] Grouped together to avoid giving publicity to data relating to individual factories.
[g] The average yield of beets per acre is found by dividing the total beets worked by the total acreage harvested; the average extraction of sugar by dividing the total sugar produced by the total beets worked; the average contents of sugar, coefficients of purity, and length of campaign by adding the figures reported by the different factories and dividing by the number of reporting factories.

**No. 116.—PATENTS:** COMPARATIVE STATEMENT OF THE BUSINESS OF THE UNITED STATES PATENT OFFICE, 1856 TO 1909.

[From the reports of the Commissioner of Patents.]

| Calendar year. | Applications. | Caveats filed. | Patents and reissues. | Cash received. | Cash expended. | Surplus. |
|---|---|---|---|---|---|---|
| | | | | *Dollars.* | *Dollars.* | *Dollars.* |
| 1856 | 4,960 | 1,024 | 2,505 | 192,588.02 | 199,931.02 | ..... |
| 1857 | 4,771 | 1,010 | 2,896 | 196,132.01 | 211,582.09 | ..... |
| 1858 | 5,364 | 943 | 3,710 | 203,716.16 | 193,193.74 | 10,522.42 |
| 1859 | 6,225 | 1,079 | 4,538 | 245,942.15 | 210,278.41 | 35,663.74 |
| 1860 | 7,663 | 1,084 | 4,819 | 256,352.59 | 252,820.80 | 3,531.79 |
| 1861 | 4,643 | 700 | 3,340 | 137,354.44 | 221,491.91 | ..... |
| 1862 | 5,038 | 824 | 3,521 | 215,754.99 | 182,810.39 | 32,944.06 |
| 1863 | 6,014 | 787 | 4,170 | 195,593.29 | 189,414.14 | 6,179.15 |
| 1864 | 6,972 | 1,063 | 5,020 | 240,919.78 | 229,868.00 | 11,051.98 |
| 1865 | 10,664 | 1,937 | 6,616 | 348,791.84 | 274,199.34 | 74,592.50 |
| 1866 | 15,269 | 2,723 | 9,450 | 495,665.38 | 361,724.28 | 133,941.10 |
| 1867 | 21,276 | 3,597 | 13,015 | 646,581.92 | 639,263.32 | 7,318.60 |
| 1868 | 20,445 | 3,705 | 13,378 | 681,565.86 | 628,679.77 | 52,886.09 |
| 1869 | 19,271 | 3,624 | 13,986 | 693,145.81 | 486,430.74 | 206,715.07 |
| 1870 | 19,171 | 3,273 | 13,321 | 669,456.76 | 557,147.19 | 112,309.57 |
| 1871 | 19,472 | 3,366 | 13,033 | 678,716.46 | 562,091.64 | 116,624.82 |
| 1872 | 18,246 | 3,090 | 13,590 | 699,726.39 | 665,595.00 | 34,131.39 |
| 1873 | 20,414 | 3,248 | 12,864 | 703,191.77 | 691,178.98 | 12,012.79 |
| 1874 | 21,602 | 3,181 | 13,599 | 738,278.17 | 679,288.41 | 58,989.76 |
| 1875 | 21,638 | 3,094 | 14,837 | 743,453.36 | 721,657.71 | 21,795.65 |
| 1876 | 21,425 | 2,697 | 15,595 | 757,987.65 | 652,542.60 | 105,445.05 |
| 1877 | 20,308 | 2,809 | 14,187 | 732,342.85 | 613,152.62 | 119,190.23 |
| 1878 | 20,260 | 2,755 | 13,444 | 725,375.55 | 593,082.89 | 132,292 66 |
| 1879 | 20,059 | 2,620 | 13,213 | 703,931.47 | 529,638.97 | 174,292.50 |
| 1880 | 23,012 | 2,490 | 13,947 | 749,685.32 | 538,865.17 | 210,820.15 |
| 1881 | 26,059 | 2,406 | 16,584 | 853,665.89 | 605,173.28 | 248,492.61 |
| 1882 | 31,522 | 2,553 | 19,267 | 1,009,219.45 | 683,867.67 | 325,351.78 |
| 1883 | 34,576 | 2,741 | 22,383 | 1,146,240.00 | 675,234.86 | 471,005.14 |
| 1884 | 35,600 | 2,582 | 20,413 | 1,075,798.80 | 970,579.76 | 105,219.04 |
| 1885 | 35,717 | 2,552 | 24,233 | 1,188,089.15 | 1,024,378.85 | 163,710.30 |
| 1886 | 35,968 | 2,513 | 22,508 | 1,154,551.40 | 992,503.45 | 162,047.95 |
| 1887 | 35,613 | 2,622 | 21,477 | 1,144,509.60 | 994,472.22 | 150,037.38 |
| 1888 | 35,797 | 2,251 | 20,506 | 1,118,516.10 | 973,108.78 | 145,407.32 |
| 1889 | 40,575 | 2,481 | 24,158 | 1,281,728.05 | 1,052,955.96 | 228,772.09 |
| 1890 | 41,048 | 2,311 | 26,292 | 1,340,372.66 | 1,099,297.74 | 241,074.92 |
| 1891 | 40,552 | 2,408 | 23,244 | 1,271,285.78 | 1,139,713.35 | 131,572.43 |
| 1892 | 40,753 | 2,290 | 23,559 | 1,286,331.88 | 1,110,739.24 | 175,592.59 |
| 1893 | 38,473 | 2,247 | 23,769 | 1,242,871.64 | 1,141,038.45 | 101,833.19 |
| 1894 | 38,439 | 2,286 | 20,867 | 1,187,439.58 | 1,100,047.12 | 87,392.46 |
| 1895 | 40,680 | 2,415 | 22,057 | 1,245,246.93 | 1,106,389.49 | 138,857.44 |
| 1896 | 43,982 | 2,271 | 23,373 | 1,324,059.83 | 1,113,413.71 | 210,646.12 |
| 1897 | 47,905 | 2,176 | 23,794 | 1,375,641.72 | 1,122,843.13 | 252,798.59 |
| 1898 | 35,842 | 1,659 | 22,267 | 1,137,734.48 | 1,136,196.20 | 1,538.28 |
| 1899 | 41,443 | 1,716 | 25,527 | 1,325,457.03 | 1,211,783.73 | 113,673.30 |
| 1900 | 41,980 | 1,731 | 26,499 | 1,350,828.53 | 1,260,019.62 | 90,808.91 |
| 1901 | 46,449 | 1,842 | 27,373 | 1,449,398.16 | 1,297,385.64 | 152,012.52 |
| 1902 | 49,641 | 1,851 | 27,886 | 1,552,859.08 | 1,393,345.54 | 159,513.54 |
| 1903 | 50,213 | 1,771 | 31,699 | 1,642,201.81 | 1,448,645.81 | 193,556.00 |
| 1904 | 52,143 | 1,808 | 30,934 | 1,657,326.53 | 1,476,000.38 | 181,326.15 |
| 1905 | 54,971 | 1,896 | 30,399 | 1,806,758.14 | 1,479,633.22 | 327,124.92 |
| 1906 | 56,482 | 1,885 | 31,965 | 1,790,921.38 | 1,554,891.20 | 236,030.18 |
| 1907 | 57,679 | 1,967 | 36,620 | 1,910,618.14 | 1,631,458.36 | 279,159.78 |
| 1908 | 60,142 | 2,110 | 33,682 | 1,896,847.67 | 1,712,303.42 | 184,544.25 |
| 1909 | 64,408 | 1,948 | 37,421 | 2,042,828.14 | 1,955,151.14 | 87,677.00 |

**No. 117.—PATENTS AND TRADE-MARKS:** NUMBER OF THE FIRST PATENT, DESIGN PATENT, AND REISSUED PATENT, AND THE NUMBER OF THE FIRST CERTIFICATE OF REGISTRATION OF A TRADE-MARK AND A LABEL ISSUED, CALENDAR YEARS 1861 TO 1910.

[From the reports of the Commissioner of Patents.]

| Year. | Number of first patent and certificate issued in each calendar year. | | | | | Number of patents and certificates of registration issued during each calendar year. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Patent. | Design. | Reissue. | Trade-mark. | Label. | Patents. | Designs. | Reissues. | Total patents. | Trade-marks. | Labels and prints.[a] | Total certificates. |
| 1861.. | 31005 | 1366 | 1106 | ..... | ..... | 3,040 | 142 | 147 | 3,329 | ..... | ..... | ..... |
| 1862.. | 34045 | 1508 | 1253 | ..... | ..... | 3,221 | 195 | 116 | 3,532 | ..... | ..... | ..... |
| 1863.. | 37266 | 1703 | 1369 | ..... | ..... | 3,781 | 176 | 227 | 4,184 | ..... | ..... | ..... |
| 1864.. | 41047 | 1879 | 1596 | ..... | ..... | 4,638 | 139 | 248 | 5,025 | ..... | ..... | ..... |
| 1865.. | 45685 | 2018 | 1844 | ..... | ..... | 6,099 | 221 | 296 | 6,616 | ..... | ..... | ..... |
| 1866.. | 51784 | 2239 | 2140 | ..... | ..... | 8,874 | 294 | 290 | 9,458 | ..... | ..... | ..... |
| 1867.. | 60658 | 2533 | 2430 | ..... | ..... | 12,301 | 325 | 400 | 13,026 | ..... | ..... | ..... |
| 1868.. | 72959 | 2858 | 2830 | ..... | ..... | 12,544 | 446 | 420 | 13,410 | ..... | ..... | ..... |
| 1869.. | 85503 | 3304 | 3250 | ..... | ..... | 12,957 | 506 | 534 | 13,997 | ..... | ..... | ..... |
| 1870.. | 98460 | 3810 | 3784 | 1 | ..... | 12,157 | 737 | 439 | 13,333 | 121 | ..... | 121 |
| 1871.. | 110617 | 4547 | 4223 | 122 | ..... | 11,687 | 905 | 464 | 13,056 | 486 | ..... | 486 |
| 1872.. | 122804 | 5452 | 4687 | 608 | ..... | 12,200 | 884 | 529 | 13,613 | 491 | ..... | 491 |
| 1873.. | 134504 | 6336 | 5216 | 1099 | ..... | 11,616 | 747 | 501 | 12,864 | 492 | ..... | 492 |
| 1874.. | 146120 | 7083 | 5717 | 1591 | 1 | 12,230 | 886 | 483 | 13,599 | 559 | 232 | 791 |
| 1875.. | 158350 | 7969 | 6200 | 2150 | 233 | 13,291 | 915 | 631 | 14,837 | 1,138 | 232 | 1,370 |
| 1876.. | 171641 | 8884 | 6831 | 3288 | 465 | 14,172 | 802 | 621 | 15,595 | 959 | 472 | 1,431 |
| 1877.. | 185813 | 9686 | 7452 | 4247 | 937 | 12,920 | 699 | 568 | 14,187 | 1,216 | 392 | 1,608 |
| 1878.. | 198733 | 10385 | 8020 | 5463 | 1329 | 12,345 | 590 | 509 | 13,444 | 1,455 | 492 | 1,947 |
| 1879.. | 211078 | 10975 | 8529 | 6918 | 1821 | 12,133 | 592 | 488 | 13,213 | 872 | 355 | 1,227 |
| 1880.. | 223211 | 11567 | 9017 | 7790 | 2176 | 12,926 | 515 | 506 | 13,947 | 349 | 203 | 552 |
| 1881.. | 236137 | 12082 | 9523 | 8139 | 2879 | 15,548 | 565 | 471 | 16,584 | 834 | 202 | 1,036 |
| 1882.. | 251685 | 12647 | 9994 | 8973 | 2581 | 18,135 | 861 | 271 | 19,267 | 947 | 304 | 1,251 |
| 1883.. | 269820 | 13508 | 10265 | 9920 | 2885 | 21,196 | 1,020 | 167 | 22,383 | 902 | 906 | 1,808 |
| 1884.. | 291016 | 14528 | 10432 | 10822 | 3791 | 19,147 | 1,150 | 116 | 20,413 | 1,021 | 513 | 1,534 |
| 1885.. | 310163 | 15678 | 10548 | 11843 | 4304 | 23,331 | 773 | 129 | 24,233 | 1,067 | 391 | 1,458 |
| 1886.. | 333494 | 16451 | 10677 | 12910 | 4695 | 21,797 | 595 | 116 | 22,508 | 1,029 | 378 | 1,407 |
| 1887.. | 355291 | 17046 | 10793 | 13939 | 5073 | 20,429 | 949 | 99 | 21,477 | 1,133 | 380 | 1,513 |
| 1888.. | 375720 | 17995 | 10892 | 15072 | 5453 | 19,585 | 835 | 86 | 20,506 | 1,059 | 327 | 1,386 |
| 1889.. | 395305 | 18830 | 10978 | 16131 | 5780 | 23,360 | 723 | 75 | 24,158 | 1,229 | 319 | 1,548 |
| 1890.. | 418665 | 19553 | 11053 | 17360 | 6099 | 25,322 | 886 | 84 | 26,292 | 1,415 | 304 | 1,719 |
| 1891.. | 443987 | 20439 | 11137 | 18775 | 6403 | 22,328 | 836 | 80 | 23,244 | 1,762 | [b] 137 | 1,899 |
| 1892.. | 466315 | 21275 | 11217 | 20537 | 6540 | 22,661 | 817 | 81 | 23,559 | 1,737 | 6 | 1,743 |
| 1893.. | 488976 | 22092 | 11298 | 22274 | ..... | 22,768 | 902 | 99 | 23,769 | 1,677 | 2 | 1,679 |
| 1894.. | 511744 | 22994 | 11397 | 23951 | ..... | 19,875 | 928 | 64 | 20,857 | 1,806 | 4 | 1,810 |
| 1895.. | 531619 | 23922 | 11461 | 25757 | ..... | 20,833 | 1,115 | 59 | 22,057 | 1,829 | 3 | 1,832 |
| 1896.. | 552502 | 25037 | 11520 | 27586 | 6546 | 21,867 | 1,445 | 61 | 23,273 | 1,813 | 33 | 1,846 |
| 1897.. | 574369 | 26482 | 11581 | 29399 | 6547 | 22,098 | 1,631 | 65 | 23,794 | 1,671 | 30 | 1,701 |
| 1898.. | 596467 | 28113 | 11646 | 31070 | 6561 | 20,404 | 1,803 | 60 | 22,267 | 1,238 | 235 | 1,473 |
| 1899.. | 616871 | 29916 | 11706 | 32308 | 6761 | 23,296 | 2,139 | 92 | 25,527 | 1,649 | 611 | 2,260 |
| 1900.. | 640167 | 32055 | 11798 | 33957 | 7272 | 24,660 | 1,758 | 81 | 26,499 | 1,721 | 830 | 2,551 |
| 1901.. | 664827 | 33813 | 11879 | 35678 | 8009 | 25,558 | 1,784 | 81 | 27,373 | 1,928 | 1,037 | 2,965 |
| 1902.. | 690385 | 35547 | 11960 | 37606 | 8887 | 27,136 | 640 | 110 | 27,886 | 2,006 | 925 | 2,931 |
| 1903.. | 717521 | 36187 | 12070 | 39612 | 9654 | 31,046 | 536 | 117 | 31,699 | 2,186 | 1,260 | 3,446 |
| 1904.. | 748567 | 36723 | 12189 | 41798 | 10644 | 30,267 | 557 | 110 | 30,934 | 2,158 | 1,411 | 3,569 |
| 1905.. | 778834 | 37280 | 12299 | 43956 | 11758 | 29,784 | 486 | 129 | 30,399 | 4,490 | 1,189 | 5,679 |
| 1906.. | 808618 | 37766 | 12428 | 48446 | 12588 | 31,181 | 625 | 159 | 31,965 | 10,568 | 1,365 | 11,933 |
| 1907.. | 839799 | 38391 | 12587 | 59014 | 13297 | 35,880 | 589 | 151 | 36,620 | 7,878 | 982 | 8,860 |
| 1908.. | 875679 | 38980 | 12738 | 66892 | 13964 | 32,757 | 757 | 168 | 33,682 | 5,191 | 838 | 6,029 |
| 1909.. | 908436 | 39737 | 12906 | 72083 | 14582 | 36,574 | 687 | 160 | 37,421 | 4,184 | 640 | 4,824 |
| 1910.. | 945010 | 40424 | 13066 | 76267 | 15074 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

[a] No prints included prior to 1893.

[b] Registration of labels practically suspended May 27, 1891, under decision of United States Supreme Court. Resumed June 9, 1896.

NOTE.—The number of patents granted prior to the commencement of this series of numbering (July 28, 1836) was 9,957.

# OCCUPATIONS, LABOR, AND WAGES.

## No. 118.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEARS 1890 AND 1900: BY SEX AND SPECIFIED OCCUPATIONS.

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| Occupation. | 1890 | | | 1900[a] | | |
|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. |
| AGRICULTURAL PURSUITS. | | | | | | |
| Agricultural laborers | 2,556,957 | 447,104 | 3,004,061 | 3,747,668 | 663,209 | 4,410,877 |
| Dairymen and dairywomen | 16,161 | 1,734 | 17,895 | 9,983 | 892 | 10,875 |
| Farmers, planters, and overseers | [b]5,055,130 | [b]226,427 | [b]5,281,557 | 5,367,169 | 307,706 | 5,674,875 |
| Gardeners, florists, nurserymen, etc. | [b]70,186 | [b]2,415 | [b]72,601 | 58,928 | 2,860 | 61,788 |
| Lumbermen and raftsmen | 65,838 | 28 | 65,866 | 71,920 | 100 | 72,020 |
| Stock raisers, herders, and drovers | 70,047 | 682 | 70,729 | 83,056 | 1,932 | 84,988 |
| Turpentine farmers and laborers | [c] | [c] | [c] | 24,454 | 281 | 24,735 |
| Wood choppers | 33,665 | 32 | 33,697 | 35,962 | 113 | 36,075 |
| Other agricultural pursuits | [c]19,058 | [c]462 | [c]19,520 | 5,289 | 243 | 5,532 |
| Total | 7,887,042 | 678,884 | 8,565,926 | 9,404,429 | 977,336 | 10,381,765 |
| PROFESSIONAL SERVICE. | | | | | | |
| Actors, professional showmen, etc | 23,200 | 4,583 | 27,783 | 27,903 | 6,857 | 34,760 |
| Architects, designers, draftsmen, etc | 17,134 | 327 | 17,461 | 28,483 | 1,041 | 29,524 |
| Artists and teachers of art | 11,681 | 10,815 | 22,496 | 13,852 | 11,021 | 24,873 |
| Clergymen | 87,060 | 1,143 | 88,203 | 108,265 | 3,373 | 111,638 |
| Dentists | 17,161 | 337 | 17,498 | 28,858 | 807 | 29,665 |
| Electricians | [d] | [d] | [d] | 50,308 | 409 | 50,717 |
| Engineers (civil, etc.) and surveyors | [d]43,115 | [d]124 | [d]43,239 | 43,155 | 84 | 43,239 |
| Journalists | 20,961 | 888 | 21,849 | 27,845 | 2,193 | 30,038 |
| Lawyers | 89,422 | 208 | 89,630 | 113,450 | 1,010 | 114,460 |
| Literary and scientific persons | 8,453 | 2,764 | 11,217 | 12,860 | 5,984 | 18,844 |
| Musicians and teachers of music | 27,636 | 34,519 | 62,155 | 39,815 | 52,359 | 92,174 |
| Officials (Government)[e] | 77,715 | 4,875 | 82,590 | 78,488 | 8,119 | 86,607 |
| Physicians and surgeons | 100,248 | 4,557 | 104,805 | 124,615 | 7,387 | 132,002 |
| Teachers and professors in colleges, etc | 101,278 | 246,066 | 347,344 | 118,519 | 327,614 | 446,133 |
| Other professional service | 7,582 | 481 | 8,063 | 11,525 | 2,339 | 13,864 |
| Total | 632,646 | 311,687 | 944,333 | 827,941 | 430,597 | 1,258,538 |
| DOMESTIC AND PERSONAL SERVICE. | | | | | | |
| Barbers and hairdressers | 82,157 | 2,825 | 84,982 | 125,542 | 5,574 | 131,116 |
| Bartenders | 55,660 | 146 | 55,806 | 88,377 | 440 | 88,817 |
| Boarding and lodging house keepers | 11,756 | 32,593 | 44,349 | 11,826 | 59,455 | 71,281 |
| Hotel keepers | 38,800 | 5,276 | 44,076 | 46,264 | 8,533 | 54,797 |
| Housekeepers and stewards | 5,947 | 86,089 | 92,036 | 8,224 | 146,929 | 155,153 |
| Janitors and sextons | 23,730 | 2,808 | 26,538 | 48,544 | 8,033 | 56,577 |
| Laborers (not specified) | 1,858,558 | 54,815 | 1,913,373 | 2,505,287 | 123,975 | 2,629,262 |
| Launderers and laundresses | 31,831 | 216,631 | 248,462 | 50,683 | 335,282 | 385,965 |
| Nurses and midwives | 6,190 | 41,396 | 47,586 | 12,265 | 108,691 | 120,956 |
| Restaurant keepers | 16,867 | 2,416 | 19,283 | 28,999 | 4,845 | 33,844 |
| Saloon keepers | 69,110 | 2,275 | 71,385 | 81,660 | 2,086 | 83,746 |

[a] For continental United States.
[b] Fruit growers (except grape growers) included with farmers, planters, and overseers; classified in 1900 with gardeners, florists, nurserymen, etc.
[c] Turpentine farmers and laborers included in "Other agricultural pursuits."
[d] Electricians included in "Engineers (civil, etc.) and surveyors."
[e] Includes officers of United States Army and Navy.

**No. 118.**—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEARS 1890 AND 1900, BY SEX AND SPECIFIED OCCUPATIONS—Con.

| Occupation. | 1890 | | | 1900[a] | | |
|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. |
| DOMESTIC AND PERSONAL SERVICE—continued. | | | | | | |
| Servants and waiters | 238,152 | 1,216,689 | 1,454,791 | 276,958 | 1,283,763 | 1,560,721 |
| Soldiers, sailors, and marines (United States) | 27,919 | ..... | 27,919 | 43,195 | ..... | 43,195 |
| Watchmen, policemen, firemen, etc. | [b]74,350 | [b]279 | [b]74,629 | 129,711 | 879 | 130,590 |
| Other domestic and personal service | 12,134 | 3,463 | 15,597 | 27,678 | 6,964 | 34,637 |
| Total | 2,553,161 | 1,667,651 | 4,220,812 | 3,485,208 | 2,095,449 | 5,580,657 |
| TRADE AND TRANSPORTATION. | | | | | | |
| Agents | 169,707 | 4,875 | 174,582 | 230,606 | 10,556 | 241,162 |
| Bankers and brokers | 35,458 | 510 | 35,968 | 72,984 | 293 | 73,277 |
| Boatmen and sailors | 76,823 | 51 | 76,874 | 78,253 | 153 | 78,406 |
| Bookkeepers and accountants | 131,602 | 27,772 | 159,374 | 180,727 | 74,153 | 254,880 |
| Clerks and copyists | 493,139 | 64,219 | 557,358 | 544,881 | 85,246 | 630,127 |
| Commercial travelers | 58,080 | 611 | 58,691 | 91,973 | 946 | 92,919 |
| Draymen, hackmen, teamsters, etc. | 368,265 | 234 | 368,499 | 538,029 | 904 | 538,933 |
| Foremen and overseers | 35,109 | 975 | 36,084 | 54,032 | 1,418 | 55,450 |
| Hostlers | 54,014 | 22 | 54,036 | 64,850 | 79 | 64,929 |
| Hucksters and peddlers | 56,824 | 2,259 | 59,083 | 73,734 | 2,915 | 76,649 |
| Livery stable keepers | 26,710 | 47 | 26,757 | 33,466 | 190 | 33,656 |
| Merchants and dealers (except wholesale) | 634,884 | 25,355 | 660,239 | 756,802 | 34,084 | 790,886 |
| Merchants and dealers (wholesale) | 30,890 | 196 | 31,086 | 42,065 | 261 | 42,326 |
| Messengers and errand and office boys | 48,446 | 2,909 | 51,355 | 64,959 | 6,663 | 71,622 |
| Officials of banks and companies | [c]39,683 | [c]217 | [c]39,900 | 72,801 | 1,271 | 74,072 |
| Packers and shippers | 18,426 | 6,520 | 24,946 | 39,557 | 19,988 | 59,545 |
| Porters and helpers (in stores, etc.) | 24,002 | 354 | 24,356 | 53,625 | 566 | 54,191 |
| Salesmen and saleswomen | 205,943 | 58,451 | 264,394 | 461,909 | 149,230 | 611,139 |
| Steam railroad employees | 460,771 | 1,442 | 462,213 | 580,462 | 1,688 | 582,150 |
| Stenographers and typewriters | 12,148 | 21,270 | 33,418 | 26,246 | 86,118 | 112,364 |
| Street railway employees | 37,423 | 11 | 37,434 | 68,873 | 46 | 68,919 |
| Telegraph and telephone linemen | [d]10,465 | [d]669 | [d]11,134 | 14,757 | ..... | 14,757 |
| Telegraph and telephone operators | 43,740 | 8,474 | 52,214 | 52,426 | 22,556 | 74,982 |
| Undertakers | 9,808 | 83 | 9,891 | 15,866 | 323 | 16,189 |
| Other persons in trade and transportation | 15,341 | 895 | 16,236 | 49,734 | 3,700 | 53,434 |
| Total | 3,097,701 | 228,421 | 3,326,122 | 4,263,617 | 503,347 | 4,766,964 |
| MANUFACTURING AND MECHANICAL PURSUITS. | | | | | | |
| *Building trades.* | | | | | | |
| Carpenters and joiners | [e]618,044 | [e]198 | [e]618,242 | 599,707 | 545 | 600,252 |
| Masons (brick and stone) | 160,804 | 41 | 160,845 | 160,638 | 167 | 160,805 |
| Painters, glaziers, and varnishers | 220,960 | 1,273 | 222,233 | 275,782 | 1,759 | 277,541 |
| Paper hangers | [f]12,315 | [f]54 | [f]12,369 | 21,749 | 241 | 21,990 |
| Plasterers | [f]38,987 | [f]15 | [f]39,002 | 35,649 | 45 | 35,694 |
| Plumbers and gas and steam fitters | 61,185 | 46 | 61,231 | 97,659 | 126 | 97,785 |
| Roofers and slaters | [f]7,040 | [f]3 | [f]7,043 | 9,065 | 2 | 9,067 |
| Mechanics (not otherwise specified) | 15,472 | 13 | 15,485 | 9,351 | 27 | 9,378 |

[a] For continental United States.
[b] Watchmen, policemen, and detectives.
[c] Includes officials of mining and quarrying companies (number not stated), classified in 1900 with manufacturers and officials under "Manufacturing and mechanical pursuits."
[d] Includes electric light and power company employees (number not stated), classified in 1900 under "Manufacturing and mechanical pursuits."
[e] Does not include ship carpenters, classified in 1890 with ship and boat builders.
[f] Does not include apprentices.

**No. 118.**—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEARS 1890 AND 1900, BY SEX AND SPECIFIED OCCUPATIONS—Con.

| Occupation. | 1890 | | | 1900[a] | | |
|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. |
| MANUFACTURING AND MECHANICAL PURSUITS—continued. | | | | | | |
| *Chemicals and allied products.* | | | | | | |
| Oil well and oil works employees | 14,724 | 47 | 14,771 | 24,573 | 53 | 24,626 |
| Other chemical workers | 6,580 | 1,726 | 8,256 | 12,035 | 2,688 | 14,723 |
| *Clay, glass, and stone products.* | | | | | | |
| Brick and tile makers, etc | 60,070 | 144 | 60,214 | 49,455 | 478 | 49,933 |
| Glassworkers | 32,572 | 1,710 | 34,282 | 47,377 | 2,621 | 49,998 |
| Marble and stone cutters | 61,012 | 58 | 61,070 | 54,317 | 143 | 54,460 |
| Potters | 12,939 | 1,989 | 14,928 | 13,200 | 2,940 | 16,140 |
| *Fishing and mining.* | | | | | | |
| Fishermen and oystermen | 59,899 | 263 | 60,162 | 68,478 | 462 | 68,940 |
| Miners and quarrymen | 386,872 | 376 | 387,248 | 562,417 | 989 | 563,406 |
| *Food and kindred products.* | | | | | | |
| Bakers | 57,910 | 2,287 | 60,197 | 74,860 | 4,328 | 79,188 |
| Butchers | 105,339 | 117 | 105,456 | 112,815 | 378 | 113,193 |
| Butter and cheese makers | 10,808 | 403 | 11,211 | 18,593 | 648 | 19,241 |
| Confectioners | 17,577 | 5,674 | 23,251 | 21,980 | 9,214 | 31,194 |
| Millers | 52,747 | 94 | 52,841 | 40,362 | 186 | 40,548 |
| Other food preparers | 8,115 | 1,610 | 9,725 | 23,640 | 5,142 | 28,782 |
| *Iron and steel and their products.* | | | | | | |
| Blacksmiths | 209,521 | 60 | 209,581 | 226,284 | 193 | 226,477 |
| Iron and steel workers | [b] 217,515 | [b] 2,913 | [b] 220,428 | 287,241 | 3,297 | 290,538 |
| Machinists | 186,677 | 151 | 186,828 | 282,574 | 571 | 283,145 |
| Steam boiler makers | [c] 21,333 | [c] 6 | [c] 21,339 | 33,038 | 8 | 33,046 |
| Stove, furnace, and grate makers | 8,912 | 20 | 8,932 | 12,430 | 43 | 12,473 |
| Tool and cutlery makers | 17,449 | 536 | 17,985 | 27,376 | 746 | 28,122 |
| Wheelwrights | 12,855 | 1 | 12,856 | 13,495 | 10 | 13,505 |
| Wireworkers | 11,238 | 1,081 | 12,319 | 16,701 | 1,786 | 18,487 |
| *Leather and its finished products.* | | | | | | |
| Boot and shoe makers and repairers | 180,871 | 33,704 | 214,575 | 169,393 | 39,510 | 208,903 |
| Harness and saddle makers and repairers | 42,647 | 833 | 43,480 | 39,506 | 595 | 40,101 |
| Leather curriers and tanners | 39,461 | 292 | 39,753 | 40,917 | 1,754 | 42,671 |
| Trunk and leather-case makers, etc | 5,458 | 821 | 6,279 | 5,472 | 1,579 | 7,051 |
| *Liquors and beverages.* | | | | | | |
| Bottlers and soda water makers, etc | 6,681 | 549 | 7,230 | 9,725 | 794 | 10,519 |
| Brewers and maltsters | 20,294 | 68 | 20,362 | 20,687 | 275 | 20,962 |
| Distillers and rectifiers | 3,305 | 9 | 3,314 | 3,114 | 30 | 3,144 |
| *Lumber and its remanufactures.* | | | | | | |
| Cabinetmakers | 35,891 | 24 | 35,915 | 35,552 | 67 | 35,619 |
| Coopers | 47,438 | 48 | 47,486 | 37,087 | 113 | 37,200 |
| Saw and planing mill employees | 138,386 | 292 | 138,678 | 161,251 | 373 | 161,624 |
| Other woodworkers | [d] 92,053 | [d] 6,098 | [d] 98,151 | 104,791 | 6,805 | 111,596 |
| *Metals and metal products other than iron and steel.* | | | | | | |
| Brassworkers | [e] 16,352 | [e] 913 | [e] 17,265 | 25,870 | 890 | 26,760 |
| Clock and watch makers and repairers | 20,556 | 4,696 | 25,252 | 19,305 | 4,815 | 24,120 |
| Gold and silver workers | 16,914 | 3,349 | 20,263 | 19,732 | 6,380 | 26,112 |
| Tin plate and tinware makers | 56,623 | 902 | 57,525 | 68,730 | 1,775 | 70,505 |
| Other metal workers | [f] 36,127 | [f] 1,385 | [f] 37,512 | 54,282 | 2,320 | 56,602 |

[a] For continental United States.
[b] Includes all molders, classified in 1900 under "Iron and steel workers," "Brass workers," and "Other metal workers."
[c] Does not include apprentices.
[d] Includes piano and organ tuners (number not stated), classified in 1900 under "Other miscellaneous industries."
[e] Does not include apprentices. Brass molders included under "Iron and steel workers."
[f] Molders (metals) included under "Iron and steel workers."

**No. 118.**—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEARS 1890 AND 1900, BY SEX AND SPECIFIED OCCUPATIONS—Con.

| Occupation. | 1890 | | | 1900[a] | | |
|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. |
| MANUFACTURING AND MECHANICAL PURSUITS—continued. | | | | | | |
| *Paper and printing.* | | | | | | |
| Bookbinders | 12,298 | 11,560 | 23,858 | 14,646 | 15,632 | 30,278 |
| Box makers (paper) | 4,714 | 13,043 | 17,757 | 3,796 | 17,302 | 21,098 |
| Engravers | 8,017 | 303 | 8,320 | 10,698 | 453 | 11,151 |
| Paper and pulp mill operatives | 18,856 | 8,961 | 27,817 | 26,904 | 9,424 | 36,328 |
| Printers, lithographers, and pressmen | 110,848 | 12,211 | 123,059 | 139,166 | 15,981 | 155,147 |
| *Textiles.* | | | | | | |
| Bleachery and dye works operatives | 12,503 | 1,707 | 14,210 | 20,493 | 1,785 | 22,278 |
| Carpet factory operatives | [b]11,546 | [b]10,756 | [b]22,302 | 10,371 | 9,001 | 19,372 |
| Cotton mill operatives | 80,177 | 92,965 | 173,142 | 125,788 | 120,603 | 246,391 |
| Hosiery and knitting mill operatives | 8,745 | 20,810 | 29,555 | 12,630 | 34,490 | 47,120 |
| Silk mill operatives | 14,192 | 20,663 | 34,855 | 22,023 | 32,437 | 54,460 |
| Woolen mill operatives | 47,638 | 36,471 | 84,109 | 42,566 | 30,630 | 73,196 |
| Other textile mill operatives | 61,661 | 46,637 | 108,298 | 53,437 | 51,182 | 104,619 |
| Dressmakers | 836 | 292,668 | 293,504 | 2,090 | 344,794 | 346,884 |
| Hat and cap makers | 17,319 | 6,694 | 24,013 | 15,110 | 7,623 | 22,733 |
| Milliners | 395 | 61,291 | 61,686 | 1,739 | 86,120 | 87,859 |
| Seamstresses | 4,001 | 146,043 | 150,044 | 4,837 | 146,105 | 150,942 |
| Shirt, collar, and cuff makers | 5,132 | 15,975 | 21,107 | 8,491 | 30,941 | 39,432 |
| Tailors and tailoresses | 123,516 | 64,509 | 188,025 | 160,714 | 68,935 | 229,649 |
| Other textile workers | [b]4,931 | [b]10,708 | [b]15,639 | 8,862 | 20,671 | 29,533 |
| *Miscellaneous industries.* | | | | | | |
| Broom and brush makers | 8,949 | 1,166 | 10,115 | 8,643 | 1,577 | 10,220 |
| Charcoal, coke, and lime burners | 8,689 | 15 | 8,704 | 14,405 | 31 | 14,436 |
| Engineers and firemen (not locomotive) | 139,718 | 47 | 139,765 | 223,318 | 177 | 223,495 |
| Glovemakers | 2,741 | 3,675 | 6,416 | 4,503 | 7,768 | 12,271 |
| Manufacturers and officials, etc. | [c]153,468 | [c]414 | [c]153,882 | 239,649 | 3,360 | 243,009 |
| Model and pattern makers | 10,159 | 141 | 10,300 | 14,869 | 204 | 15,073 |
| Photographers | 17,839 | 2,201 | 20,040 | 23,361 | 3,580 | 26,941 |
| Rubber factory operatives | 9,706 | 6,456 | 16,162 | 14,492 | 7,374 | 21,866 |
| Tobacco and cigar factory operatives | 83,634 | 27,991 | 111,625 | 87,955 | 43,497 | 131,452 |
| Upholsterers | 23,918 | 1,748 | 25,666 | 28,663 | 2,158 | 30,821 |
| Other miscellaneous industries | [d]177,916 | [d]33,207 | [d]211,123 | 380,167 | 90,922 | 471,089 |
| Total | 4,650,540 | 1,027,928 | 5,678,468 | 5,772,641 | 1,312,668 | 7,085,309 |
| Grand total | 18,821,090 | 3,914,571 | 22,735,661 | 23,753,836 | 5,319,397 | 29,073,233 |

[a] For continental United States.

[b] Carpet (rag) makers, included with carpet factory operatives, classified in 1900 under "Other textile workers."

[c] Officials of mining and quarrying companies included with officials of banks and companies under "Trade and transportation."

[d] Electric light and power company employees included with telegraph and telephone linemen under "Trade and transportation," and piano and organ tuners included with piano and organ makers, classified in 1900 under "Other wood workers."

## No. 119.—POPULATION GAINFULLY OCCUPIED: ADULTS[a] AND CHILDREN,[b] BY SEX AND BY STATES AND TERRITORIES, CENSUS YEAR 1900.

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| State or Territory. | Men. | Women. | Children. | | Total. |
|---|---|---|---|---|---|
| | | | Boys. | Girls. | |
| Alabama | 482,190 | 158,345 | 80,989 | 41,664 | 763,188 |
| Arizona | 45,226 | 6,162 | 1,358 | 624 | 53,370 |
| Arkansas | 358,195 | 62,532 | 49,747 | 15,321 | 485,795 |
| California | 549,158 | 85,790 | 7,187 | 2,132 | 644,267 |
| Colorado | 187,394 | 27,369 | 2,903 | 597 | 218,263 |
| Connecticut | 290,133 | 83,898 | 6,838 | 4,741 | 385,610 |
| Delaware | 57,243 | 11,894 | 2,781 | 1,078 | 72,996 |
| District of Columbia | 84,415 | 40,382 | 1,365 | 779 | 126,941 |
| Florida | 152,708 | 33,459 | 11,281 | 4,122 | 201,570 |
| Georgia | 568,470 | 182,037 | 77,462 | 36,502 | 864,471 |
| Idaho | 56,772 | 4,375 | 1,395 | 141 | 62,683 |
| Illinois | 1,458,400 | 275,105 | 50,994 | 19,541 | 1,804,040 |
| Indian Territory | 108,544 | 10,020 | 12,950 | 2,196 | 133,710 |
| Indiana | 755,783 | 111,024 | 26,454 | 5,692 | 898,953 |
| Iowa | 657,957 | 102,037 | 24,564 | 4,846 | 789,404 |
| Kansas | 431,865 | 53,386 | 20,304 | 2,185 | 507,740 |
| Kentucky | 593,233 | 98,181 | 53,676 | 7,441 | 752,531 |
| Louisiana | 365,562 | 109,484 | 39,620 | 21,427 | 536,093 |
| Maine | 220,868 | 49,917 | 3,979 | 2,013 | 276,777 |
| Maryland | 342,721 | 91,097 | 17,034 | 7,886 | 458,738 |
| Massachusetts | 862,981 | 317,558 | 16,393 | 11,475 | 1,208,407 |
| Michigan | 752,776 | 126,517 | 19,523 | 7,174 | 905,990 |
| Minnesota | 531,973 | 90,887 | 16,973 | 6,041 | 645,874 |
| Mississippi | 402,860 | 144,254 | 63,906 | 34,103 | 645,123 |
| Missouri | 914,245 | 145,498 | 52,621 | 9,028 | 1,121,392 |
| Montana | 104,061 | 9,539 | 929 | 270 | 114,799 |
| Nebraska | 315,072 | 44,121 | 12,282 | 2,495 | 373,970 |
| Nevada | 17,626 | 1,969 | 183 | 31 | 19,809 |
| New Hampshire | 134,414 | 39,807 | 2,547 | 1,951 | 178,719 |
| New Jersey | 584,780 | 142,718 | 18,457 | 11,804 | 757,759 |
| New Mexico | 56,723 | 5,766 | 2,987 | 544 | 66,020 |
| New York | 2,269,211 | 635,319 | 55,218 | 36,726 | 2,996,474 |
| North Carolina | 478,595 | 127,740 | 77,986 | 32,421 | 716,742 |
| North Dakota | 100,423 | 13,073 | 3,125 | 1,019 | 117,640 |
| Ohio | 1,265,716 | 233,177 | 34,165 | 12,894 | 1,545,952 |
| Oklahoma | 115,129 | 9,708 | 7,309 | 549 | 132,695 |
| Oregon | 148,869 | 17,916 | 2,331 | 521 | 169,637 |
| Pennsylvania | 1,932,857 | 395,656 | 84,195 | 35,881 | 2,448,589 |
| Rhode Island | 134,686 | 48,203 | 5,143 | 3,891 | 191,923 |
| South Carolina | 333,282 | 142,433 | 56,363 | 38,917 | 570,995 |
| South Dakota | 115,636 | 14,425 | 5,876 | 1,219 | 137,156 |
| Tennessee | 547,672 | 103,553 | 63,711 | 12,651 | 727,587 |
| Texas | 819,037 | 122,425 | 73,604 | 17,967 | 1,033,033 |
| Utah | 71,745 | 10,334 | 2,095 | 430 | 84,604 |
| Vermont | 110,011 | 21,852 | 2,170 | 900 | 134,933 |
| Virginia | 492,232 | 114,438 | 44,651 | 11,094 | 662,415 |
| Washington | 201,799 | 20,203 | 2,807 | 578 | 225,387 |
| West Virginia | 272,159 | 28,680 | 22,343 | 2,481 | 325,663 |
| Wisconsin | 595,549 | 106,474 | 20,842 | 9,673 | 732,538 |
| Wyoming | 40,469 | 2,893 | 795 | 111 | 44,268 |
| Total | 22,489,425 | 4,833,630 | 1,264,411 | 485,767 | 29,073,233 |
| *Geographical divisions.*[c] | | | | | |
| North Atlantic | 6,539,941 | 1,734,928 | 194,940 | 109,382 | 8,579,191 |
| South Atlantic | 2,781,825 | 772,160 | 311,266 | 135,280 | 4,000,531 |
| North Central | 7,895,395 | 1,315,724 | 287,723 | 81,807 | 9,580,649 |
| South Central | 3,792,422 | 818,502 | 445,512 | 153,319 | 5,209,755 |
| Western | 1,479,842 | 192,316 | 24,970 | 5,979 | 1,703,107 |
| Alaska | 28,905 | 3,428 | 802 | 200 | 33,335 |
| Hawaii | 83,219 | 5,955 | 828 | 170 | 90,172 |
| Military and naval | 90,179 | 142 | 9 | ..... | 90,330 |

[a] Persons 16 years of age and upward.
[b] Persons 10 to 15 years of age.
[c] For States and Territories included in each division see note *f*, page 53.

**No. 120.—POPULATION 10 TO 15 YEARS OF AGE EMPLOYED AS BREADWINNERS:** NUMBER AND PERCENTAGE IN ALL OCCUPATIONS, IN AGRICULTURAL PURSUITS, AND IN ALL OTHER OCCUPATIONS, IN THE CENSUS YEAR 1900, BY SEX AND BY STATES AND TERRITORIES.

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| State or Territory. | Male. | | | | | | | Female. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total children 10 to 15 years of age. | Breadwinners. | | | | | | Total children 10 to 15 years of age. | Breadwinners. | | | | | |
| | | In all occupations. | | In agricultural pursuits. | | In all other occupations. | | | In all occupations. | | In agricultural pursuits. | | In all other occupations. | |
| | | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. | | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. |
| Alabama | 137,232 | 80,989 | 59.0 | 70,480 | 51.4 | 10,509 | 7.7 | 132,928 | 41,664 | 31.3 | 34,716 | 26.1 | 6,948 | 5.2 |
| Arizona | 7,056 | 1,358 | 19.2 | 964 | 13.7 | 394 | 5.6 | 6,721 | 624 | 9.3 | 388 | 5.8 | 236 | 3.5 |
| Arkansas | 99,269 | 49,747 | 50.1 | 45,719 | 46.1 | 4,028 | 4.1 | 97,006 | 15,321 | 15.8 | 13,130 | 13.5 | 2,191 | 2.3 |
| California | 76,703 | 7,187 | 9.4 | 1,563 | 2.0 | 5,624 | 7.3 | 75,303 | 2,132 | 2.8 | 43 | .1 | 2,089 | 2.8 |
| Colorado | 29,111 | 2,903 | 10.0 | 1,236 | 4.2 | 1,667 | 5.7 | 28,924 | 597 | 2.1 | 17 | .1 | 580 | 2.0 |
| Connecticut | 45,834 | 6,838 | 14.9 | 821 | 1.8 | 6,017 | 13.1 | 45,707 | 4,741 | 10.4 | 11 | (a) | 4,730 | 10.3 |
| Delaware | 11,379 | 2,781 | 24.4 | 1,473 | 12.9 | 1,308 | 11.5 | 11,015 | 1,078 | 9.8 | 78 | .7 | 1,000 | 9.1 |
| District of Columbia | 13,126 | 1,365 | 10.4 | 27 | .2 | 1,338 | 10.2 | 14,198 | 779 | 5.5 | ..... | ..... | 779 | 5.5 |
| Florida | 36,227 | 11,281 | 31.1 | 8,481 | 23.4 | 2,800 | 7.7 | 35,434 | 4,122 | 11.6 | 2,826 | 8.0 | 1,296 | 3.7 |
| Georgia | 165,865 | 77,462 | 46.7 | 63,777 | 38.5 | 13,685 | 8.3 | 161,608 | 36,502 | 22.6 | 26,066 | 16.1 | 10,436 | 6.5 |
| Idaho | 10,190 | 1,395 | 13.7 | 1,126 | 11.1 | 269 | 2.6 | 9,897 | 141 | 1.4 | 16 | .2 | 125 | 1.3 |
| Illinois | 295,575 | 50,994 | 17.3 | 25,114 | 8.5 | 25,880 | 8.8 | 293,334 | 19,541 | 6.7 | 390 | .1 | 19,151 | 6.5 |
| Indiana | 159,985 | 26,454 | 16.5 | 17,327 | 10.8 | 9,127 | 5.7 | 156,982 | 5,692 | 3.6 | 213 | .1 | 5,479 | 3.5 |
| Indian Territory | 30,203 | 12,950 | 42.9 | 11,658 | 38.6 | 1,292 | 4.3 | 28,458 | 2,196 | 7.7 | 1,559 | 5.5 | 637 | 2.2 |
| Iowa | 145,433 | 24,564 | 16.9 | 19,244 | 13.2 | 5,320 | 3.7 | 140,930 | 4,846 | 3.4 | 276 | .2 | 4,570 | 3.2 |
| Kansas | 101,965 | 20,304 | 19.9 | 17,292 | 17.0 | 3,012 | 3.0 | 98,845 | 2,185 | 2.2 | 261 | .3 | 1,924 | 1.9 |
| Kentucky | 151,430 | 53,676 | 35.4 | 43,729 | 28.9 | 9,947 | 6.6 | 147,199 | 7,441 | 5.1 | 1,850 | 1.3 | 5,591 | 3.8 |
| Louisiana | 100,439 | 39,620 | 39.4 | 32,097 | 32.0 | 7,523 | 7.5 | 99,035 | 21,427 | 21.6 | 16,508 | 16.7 | 4,919 | 5.0 |
| Maine | 36,893 | 3,979 | 10.8 | 1,212 | 3.3 | 2,767 | 7.5 | 35,513 | 2,013 | 5.7 | 16 | (a) | 1,997 | 5.6 |
| Maryland | 75,671 | 17,034 | 22.5 | 6,563 | 8.7 | 10,471 | 13.8 | 74,879 | 7,886 | 10.5 | 277 | .4 | 7,609 | 10.2 |
| Massachusetts | 136,612 | 16,393 | 12.0 | 992 | .7 | 15,401 | 11.3 | 137,945 | 11,475 | 8.3 | 7 | (a) | 11,468 | 8.3 |
| Michigan | 148,887 | 19,523 | 13.1 | 9,906 | 6.7 | 9,617 | 6.5 | 146,520 | 7,174 | 4.9 | 209 | .1 | 6,965 | 4.8 |
| Minnesota | 115,170 | 16,973 | 14.7 | 12,889 | 11.2 | 4,084 | 3.5 | 112,405 | 6,041 | 5.4 | 457 | .4 | 5,584 | 5.0 |
| Mississippi | 118,685 | 63,906 | 53.8 | 58,519 | 49.3 | 5,387 | 4.5 | 114,757 | 34,103 | 29.7 | 30,377 | 26.5 | 3,726 | 3.2 |
| Missouri | 208,882 | 52,621 | 25.2 | 37,029 | 17.7 | 15,592 | 7.5 | 204,536 | 9,028 | 4.4 | 698 | .3 | 8,330 | 4.1 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Montana | 11,437 | 929 | 8.1 | 393 | 3.4 | 536 | 4.7 | 11,282 | 270 | 2.4 | 7 | .1 | 263 | 2.3 |
| Nebraska | 73,171 | 12,282 | 16.8 | 10,175 | 13.9 | 2,107 | 2.9 | 71,397 | 2,495 | 3.5 | 292 | .4 | 2,203 | 3.1 |
| Nevada | 2,070 | 183 | 8.8 | 102 | 4.9 | 81 | 3.9 | 1,964 | 31 | 1.6 | 2 | .1 | 29 | 1.5 |
| New Hampshire | 19,637 | 2,547 | 13.0 | 484 | 2.5 | 2,063 | 10.5 | 19,802 | 1,951 | 9.9 | 1 | (a) | 1,950 | 9.8 |
| New Jersey | 103,136 | 18,457 | 17.9 | 2,118 | 2.1 | 16,339 | 15.8 | 104,243 | 11,804 | 11.3 | 114 | .1 | 11,690 | 11.2 |
| New Mexico | 13,220 | 2,987 | 22.6 | 1,937 | 14.7 | 1,050 | 7.9 | 12,732 | 544 | 4.3 | 130 | 1.0 | 414 | 3.3 |
| New York | 384,760 | 55,218 | 14.4 | 8,046 | 2.1 | 47,172 | 12.3 | 384,901 | 36,726 | 9.5 | 200 | .1 | 36,526 | 9.5 |
| North Carolina | 141,489 | 77,986 | 55.1 | 63,551 | 44.9 | 14,435 | 10.2 | 137,904 | 32,421 | 23.5 | 19,973 | 14.5 | 12,448 | 9.0 |
| North Dakota | 21,355 | 3,125 | 14.6 | 2,743 | 12.8 | 382 | 1.8 | 20,332 | 1,019 | 5.0 | 147 | .7 | 872 | 4.3 |
| Ohio | 250,910 | 34,165 | 13.6 | 14,510 | 5.8 | 19,655 | 7.8 | 246,172 | 12,894 | 5.2 | 219 | .1 | 12,675 | 5.1 |
| Oklahoma | 28,646 | 7,309 | 25.5 | 6,862 | 24.0 | 447 | 1.6 | 27,165 | 549 | 2.0 | 285 | 1.0 | 264 | 1.0 |
| Oregon | 25,221 | 2,331 | 9.2 | 1,307 | 5.2 | 1,024 | 4.1 | 24,210 | 521 | 2.2 | 30 | 1 | 491 | 2.0 |
| Pennsylvania | 375,296 | 84,195 | 22.4 | 18,603 | 5.0 | 65,592 | 17.5 | 368,764 | 35,881 | 9.7 | 255 | .1 | 35,626 | 9.7 |
| Rhode Island | 22,205 | 5,143 | 23.2 | 246 | 1.1 | 4,897 | 22.1 | 22,403 | 3,891 | 17.4 | 8 | (a) | 3,883 | 17.3 |
| South Carolina | 104,694 | 56,363 | 53.8 | 46,674 | 44.6 | 9,689 | 9.3 | 101,635 | 38,917 | 38.3 | 29,621 | 29.1 | 9,296 | 9.1 |
| South Dakota | 28,731 | 5,876 | 20.5 | 5,504 | 19.2 | 372 | 1.3 | 27,123 | 1,219 | 4.5 | 276 | 1.0 | 943 | 3.5 |
| Tennessee | 147,583 | 63,711 | 43.2 | 52,689 | 35.7 | 11,022 | 7.5 | 141,554 | 12,651 | 8.9 | 7,281 | 5.1 | 5,370 | 3.8 |
| Texas | 229,587 | 73,604 | 32.1 | 65,390 | 28.5 | 8,214 | 3.6 | 223,959 | 17,967 | 8.0 | 14,536 | 6.5 | 3,431 | 1.5 |
| Utah | 19,757 | 2,095 | 10.6 | 1,225 | 6.2 | 870 | 4.4 | 20,046 | 430 | 2.1 | 16 | .1 | 414 | 2.1 |
| Vermont | 18,551 | 2,170 | 11.7 | 1,201 | 6.5 | 969 | 5.2 | 17,847 | 900 | 5.0 | 8 | (a) | 892 | 5.0 |
| Virginia | 132,656 | 44,651 | 33.7 | 31,115 | 23.5 | 13,536 | 10.2 | 130,625 | 11,094 | 8.5 | 2,610 | 2.0 | 8,484 | 6.5 |
| Washington | 28,688 | 2,807 | 9.8 | 1,309 | 4.6 | 1,498 | 5.2 | 28,478 | 578 | 2.0 | 75 | .3 | 503 | 1.8 |
| West Virginia | 67,718 | 22,343 | 33.0 | 16,891 | 24.9 | 5,452 | 8.1 | 64,320 | 2,481 | 3.9 | 291 | .5 | 2,190 | 3.4 |
| Wisconsin | 139,284 | 20,842 | 15.0 | 11,903 | 8.5 | 8,939 | 6.4 | 137,514 | 9,573 | 7.0 | 511 | .4 | 9,162 | 6.7 |
| Wyoming | 4,853 | 795 | 16.4 | 474 | 9.8 | 321 | 6.6 | 4,379 | 111 | 2.5 | 4 | .1 | 107 | 2.4 |
| Continental United States | 4,852,427 | 1,264,411 | 26.1 | 854,690 | 17.6 | 409,721 | 8.4 | 4,760,825 | 485,767 | 10.2 | 207,281 | 4.4 | 278,486 | 5.8 |
| *Geographical divisions.*[b] | | | | | | | | | | | | | | |
| North Atlantic | 1,142,924 | 194,940 | 17.1 | 33,723 | 3.0 | 161,217 | 14.1 | 1,137,125 | 109,382 | 9.6 | 620 | .1 | 108,762 | 9.6 |
| South Atlantic | 748,825 | 311,266 | 41.6 | 238,552 | 31.9 | 72,714 | 9.7 | 731,613 | 135,280 | 18.5 | 81,742 | 11.2 | 53,538 | 7.3 |
| North Central | 1,689,298 | 287,723 | 17.0 | 183,636 | 10.9 | 104,087 | 6.2 | 1,656,090 | 81,807 | 4.9 | 3,949 | .2 | 77,858 | 4.7 |
| South Central | 1,043,074 | 445,512 | 42.7 | 387,143 | 37.1 | 58,369 | 5.6 | 1,012,061 | 153,319 | 15.1 | 120,242 | 11.9 | 33,077 | 3.3 |
| Western | 228,306 | 24,970 | 10.9 | 11,636 | 5.1 | 13,334 | 5.8 | 223,936 | 5,979 | 2.7 | 728 | .3 | 5,251 | 2.3 |

[a] Less than one-tenth of 1 per cent.

[b] For States and Territories included in each division see note *f*, page 53.

**No. 121.—MALE POPULATION 10 TO 15 YEARS OF AGE EMPLOYED AS BREADWINNERS:** NUMBER AND PERCENTAGE IN ALL OCCUPATIONS, IN AGRICULTURAL PURSUITS, AND IN ALL OTHER OCCUPATIONS, IN THE CENSUS YEAR 1900, BY RACE AND NATIVITY AND BY STATES AND TERRITORIES.

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| State or Territory. | Native white—both parents native. | | | | | | | Native white—one or both parents foreign born. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total males 10 to 15 years of age. | Breadwinners. | | | | | | Total males 10 to 15 years of age. | Breadwinners. | | | | | |
| | | In all occupations. | | In agricultural pursuits. | | In all other occupations. | | | In all occupations. | | In agricultural pursuits. | | In all other occupations. | |
| | | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. | | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. |
| Alabama | 71,747 | 38,928 | 54.3 | 34,596 | 48.2 | 4,332 | 6.0 | 1,935 | 502 | 25.9 | 234 | 12.1 | 268 | 13.9 |
| Arizona | 2,496 | 224 | 9.0 | 134 | 5.4 | 90 | 3.6 | 1,960 | 248 | 12.7 | 91 | 4.6 | 157 | 8.0 |
| Arkansas | 69,117 | 32,974 | 47.7 | 30,569 | 44.2 | 2,405 | 3.5 | 2,548 | 804 | 31.6 | 644 | 25.3 | 160 | 6.3 |
| California | 38,874 | 2,851 | 7.3 | 753 | 1.9 | 2,098 | 5.4 | 32,339 | 3,216 | 9.9 | 572 | 1.8 | 2,644 | 8.2 |
| Colorado | 18,141 | 1,780 | 9.8 | 892 | 4.9 | 888 | 4.9 | 9,111 | 857 | 9.4 | 298 | 3.3 | 559 | 6.1 |
| Connecticut | 19,358 | 1,836 | 9.5 | 461 | 2.4 | 1,375 | 7.1 | 20,600 | 3,179 | 15.4 | 229 | 1.1 | 2,950 | 14.3 |
| Delaware | 7,583 | 1,674 | 22.1 | 950 | 12.5 | 724 | 9.5 | 1,484 | 333 | 22.4 | 42 | 2.8 | 291 | 19.6 |
| District of Columbia | 6,920 | 615 | 8.9 | 13 | .2 | 602 | 8.7 | 1,871 | 147 | 7.9 | 4 | .2 | 143 | 7.6 |
| Florida | 18,449 | 5,135 | 27.8 | 4,391 | 23.8 | 744 | 4.0 | 1,810 | 242 | 13.4 | 41 | 2.3 | 201 | 11.1 |
| Georgia | 84,536 | 33,761 | 39.9 | 28,403 | 33.6 | 5,358 | 6.3 | 1,618 | 297 | 18.4 | 97 | 6.0 | 200 | 12.4 |
| Idaho | 6,230 | 775 | 12.4 | 624 | 10.0 | 151 | 2.4 | 3,427 | 534 | 15.6 | 443 | 12.9 | 91 | 2.7 |
| Illinois | 155,688 | 25,467 | 16.4 | 18,410 | 11.8 | 7,057 | 4.5 | 118,259 | 19,642 | 16.6 | 5,735 | 4.8 | 13,907 | 11.8 |
| Indiana | 133,162 | 22,006 | 16.5 | 15,568 | 11.7 | 6,438 | 4.8 | 21,668 | 3,492 | 16.1 | 1,492 | 6.9 | 2,000 | 9.2 |
| Indian Territory | 22,347 | 10,314 | 46.2 | 9,348 | 41.8 | 966 | 4.3 | 703 | 201 | 28.6 | 141 | 20.1 | 60 | 8.1 |
| Iowa | 87,876 | 12,924 | 14.7 | 10,264 | 11.7 | 2,660 | 3.0 | 52,765 | 10,190 | 19.3 | 8,011 | 15.2 | 2,179 | 4.1 |
| Kansas | 72,337 | 14,422 | 19.9 | 12,554 | 17.4 | 1,868 | 2.6 | 24,074 | 4,874 | 20.2 | 4,200 | 17.4 | 674 | 2.8 |
| Kentucky | 123,517 | 45,219 | 36.6 | 39,341 | 31.9 | 5,878 | 4.8 | 7,767 | 1,787 | 23.0 | 405 | 5.2 | 1,382 | 17.8 |
| Louisiana | 44,700 | 13,137 | 29.4 | 10,407 | 23.3 | 2,730 | 6.1 | 5,709 | 996 | 17.4 | 253 | 4.4 | 743 | 13.0 |
| Maine | 25,650 | 1,731 | 6.7 | 856 | 3.3 | 875 | 3.4 | 8,083 | 1,229 | 15.2 | 264 | 3.3 | 965 | 11.9 |
| Maryland | 46,832 | 9,332 | 19.9 | 3,639 | 7.8 | 5,693 | 12.2 | 11,328 | 2,466 | 21.8 | 269 | 2.4 | 2,197 | 19.4 |
| Massachusetts | 49,800 | 3,513 | 7.1 | 498 | 1.0 | 3,015 | 6.1 | 66,398 | 7,682 | 11.6 | 332 | .5 | 7,350 | 11.1 |
| Michigan | 64,388 | 7,180 | 11.2 | 4,509 | 7.0 | 2,671 | 4.1 | 72,167 | 9,877 | 13.7 | 4,642 | 6.4 | 5,235 | 7.3 |
| Minnesota | 29,668 | 2,995 | 10.1 | 2,113 | 7.1 | 882 | 3.0 | 76,320 | 11,854 | 15.5 | 9,424 | 12.3 | 2,430 | 3.2 |
| Mississippi | 46,374 | 21,473 | 46.3 | 19,935 | 43.0 | 1,538 | 3.3 | 1,237 | 229 | 18.5 | 135 | 10.9 | 94 | 7.6 |
| Missouri | 160,874 | 40,564 | 25.2 | 32,536 | 20.2 | 8,028 | 5.0 | 35,348 | 8,826 | 25.0 | 3,193 | 9.0 | 5,633 | 15.9 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Montana* | 5,085 | 411 | 8.1 | 224 | 4.4 | 187 | 3.7 | 4,694 | 344 | 7.3 | 129 | 2.7 | 215 | 4.6 |
| *Nebraska* | 39,055 | 5,834 | 14.9 | 4,743 | 12.1 | 1,091 | 2.8 | 30,776 | 5,640 | 18.3 | 4,864 | 15.8 | 776 | 2.5 |
| Nevada | 858 | 89 | 10.4 | 50 | 5.8 | 39 | 4.5 | 829 | 35 | 4.2 | 16 | 1.9 | 19 | 2.3 |
| New Hampshire | 10,631 | 766 | 7.2 | 361 | 3.4 | 405 | 3.8 | 6,000 | 744 | 12.4 | 85 | 1.4 | 659 | 11.0 |
| New Jersey | 50,746 | 7,743 | 15.3 | 1,431 | 2.8 | 6,312 | 12.4 | 40,245 | 7,209 | 17.9 | 372 | .9 | 6,837 | 17.0 |
| New Mexico | 10,454 | 2,386 | 22.8 | 1,530 | 14.6 | 856 | 8.2 | 1,307 | 181 | 13.8 | 72 | 5.5 | 109 | 8.3 |
| New York | 174,771 | 19,674 | 11.3 | 5,550 | 3.2 | 14,124 | 8.1 | 163,593 | 24,190 | 14.8 | 2,010 | 1.2 | 22,180 | 13.6 |
| North Carolina | 92,206 | 48,854 | 53.0 | 40,346 | 43.8 | 8,508 | 9.2 | 529 | 107 | 20.2 | 57 | 10.8 | 50 | 9.5 |
| North Dakota | 4,483 | 580 | 12.9 | 480 | 10.7 | 100 | 2.2 | 13,034 | 1,716 | 13.2 | 1,543 | 11.8 | 173 | 1.3 |
| Ohio | 177,857 | 22,391 | 12.6 | 12,395 | 7.0 | 9,996 | 5.6 | 60,898 | 9,486 | 15.6 | 1,777 | 2.9 | 7,709 | 12.7 |
| Oklahoma | 23,086 | 6,059 | 26.2 | 5,710 | 24.7 | 349 | 1.5 | 3,013 | 713 | 23.7 | 678 | 22.5 | 35 | 1.5 |
| Oregon | 16,928 | 1,431 | 8.5 | 878 | 5.2 | 553 | 3.3 | 6,974 | 675 | 9.7 | 354 | 5.1 | 321 | 4.6 |
| Pennsylvania | 247,201 | 48,298 | 19.5 | 17,032 | 6.9 | 31,266 | 12.6 | 100,344 | 25,552 | 25.5 | 1,187 | 1.2 | 24,365 | 24.3 |
| Rhode Island | 7,310 | 1,129 | 15.4 | 141 | 1.9 | 988 | 13.5 | 10,453 | 2,188 | 20.9 | 45 | .4 | 2,143 | 20.5 |
| South Carolina | 40,218 | 18,414 | 45.8 | 13,449 | 33.4 | 4,965 | 12.3 | 705 | 140 | 19.9 | 56 | 7.9 | 84 | 11.9 |
| South Dakota | 10,293 | 1,645 | 16.0 | 1,483 | 14.4 | 162 | 1.6 | 15,454 | 3,588 | 23.2 | 3,441 | 22.3 | 147 | 1.0 |
| Tennessee | 109,354 | 46,616 | 42.6 | 40,183 | 36.7 | 6,433 | 5.9 | 2,525 | 523 | 20.7 | 269 | 10.7 | 254 | 10.1 |
| Texas | 150,368 | 45,928 | 30.5 | 42,264 | 28.1 | 3,664 | 2.4 | 25,321 | 6,226 | 24.6 | 4,927 | 19.5 | 1,299 | 5.2 |
| Utah | 8,334 | 808 | 9.7 | 541 | 6.5 | 267 | 3.2 | 10,403 | 1,108 | 10.7 | 614 | 5.9 | 494 | 4.7 |
| Vermont | 12,477 | 1,234 | 9.9 | 868 | 7.0 | 366 | 2.9 | 4,892 | 689 | 14.1 | 264 | 5.4 | 425 | 8.7 |
| Virginia | 79,598 | 24,233 | 30.4 | 18,379 | 23.1 | 5,854 | 7.4 | 1,942 | 354 | 18.2 | 115 | 5.9 | 239 | 12.3 |
| Washington | 15,986 | 1,399 | 8.8 | 742 | 4.6 | 657 | 4.1 | 10,220 | 951 | 9.3 | 395 | 3.9 | 556 | 5.4 |
| West Virginia | 62,160 | 20,714 | 33.3 | 16,479 | 26.5 | 4,235 | 6.8 | 2,722 | 687 | 25.2 | 206 | 7.6 | 481 | 17.7 |
| Wisconsin | 46,356 | 4,781 | 10.3 | 3,136 | 6.8 | 1,645 | 3.5 | 83,803 | 13,424 | 16.0 | 7,799 | 9.3 | 5,625 | 6.7 |
| Wyoming | 2,771 | 484 | 17.5 | 330 | 11.9 | 154 | 5.6 | 1,743 | 243 | 13.9 | 129 | 7.4 | 114 | 6.5 |
| Total | 2,805,250 | 682,731 | 24.3 | 510,489 | 18.2 | 172,242 | 6.1 | 1,182,948 | 200,417 | 16.9 | 72,595 | 6.1 | 127,822 | 10.8 |
| *Geographical divisions.*[a] | | | | | | | | | | | | | | |
| North Atlantic | 597,944 | 85,924 | 14.4 | 27,198 | 4.5 | 58,726 | 9.8 | 420,608 | 72,662 | 17.3 | 4,788 | 1.1 | 67,874 | 16.1 |
| South Atlantic | 438,502 | 162,732 | 37.1 | 126,049 | 28.7 | 36,683 | 8.4 | 24,009 | 4,773 | 19.9 | 887 | 3.7 | 3,886 | 16.2 |
| North Central | 982,037 | 160,789 | 16.4 | 118,191 | 12.0 | 42,598 | 4.3 | 604,566 | 102,609 | 17.0 | 56,121 | 9.3 | 46,488 | 7.7 |
| South Central | 660,610 | 260,648 | 39.5 | 232,353 | 35.2 | 28,295 | 4.3 | 50,758 | 11,981 | 23.6 | 7,686 | 15.1 | 4,295 | 8.5 |
| Western | 126,157 | 12,638 | 10.0 | 6,698 | 5.3 | 5,940 | 4.7 | 83,007 | 8,392 | 10.1 | 3,113 | 3.8 | 5,279 | 6.4 |

[a] For States and Territories included in each division see note *f*, page 53.

**No. 121.**—MALE POPULATION 10 TO 15 YEARS OF AGE EMPLOYED AS BREADWINNERS: NUMBER AND PERCENTAGE, ETC.—Continued.

| State or Territory. | Foreign-born white. | | | | | | | Negro, Indian, and Mongolian. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total males 10 to 15 years of age. | Breadwinners. | | | | | | Total males 10 to 15 years of age. | Breadwinners. | | | | | |
| | | In all occupations. | | In agricultural pursuits. | | In all other occupations. | | | In all occupations. | | In agricultural pursuits. | | In all other occupations. | |
| | | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. | | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. |
| Alabama | 268 | 90 | 33.6 | 13 | 4.9 | 77 | 28.7 | 63,282 | 41,469 | 65.5 | 35,637 | 56.3 | 5,832 | 9.2 |
| Arizona | 582 | 140 | 24.1 | 38 | 6.5 | 102 | 17.5 | 2,018 | 746 | 37.0 | 701 | 34.7 | 45 | 2.2 |
| Arkansas | 210 | 79 | 37.6 | 63 | 30.0 | 16 | 7.6 | 27,394 | 15,890 | 58.0 | 14,443 | 52.7 | 1,447 | 5.3 |
| California | 3,435 | 700 | 20.4 | 129 | 3.8 | 571 | 16.6 | 2,055 | 420 | 20.4 | 109 | 5.3 | 311 | 15.1 |
| Colorado | 1,326 | 235 | 17.7 | 41 | 3.1 | 194 | 14.6 | 533 | 31 | 5.8 | 5 | .9 | 26 | 4.9 |
| Connecticut | 5,183 | 1,727 | 33.3 | 99 | 1.9 | 1,628 | 31.4 | 693 | 96 | 13.9 | 32 | 4.6 | 64 | 9.2 |
| Delaware | 251 | 97 | 38.6 | 11 | 4.4 | 86 | 34.3 | 2,061 | 677 | 32.8 | 470 | 22.8 | 207 | 10.0 |
| District of Columbia | 205 | 55 | 26.8 | ..... | ..... | 55 | 26.8 | 4,130 | 548 | 13.3 | 10 | .2 | 538 | 13.0 |
| Florida | 527 | 126 | 23.9 | 12 | 2.3 | 114 | 21.6 | 15,441 | 5,778 | 37.4 | 4,037 | 26.1 | 1,741 | 11.3 |
| Georgia | 238 | 64 | 26.9 | 7 | 2.9 | 57 | 23.9 | 79,473 | 43,340 | 54.5 | 35,270 | 44.4 | 8,070 | 10.2 |
| Idaho | 311 | 56 | 18.0 | 39 | 12.5 | 17 | 5.5 | 222 | 30 | 13.5 | 20 | 9.0 | 10 | 4.5 |
| Illinois | 17,367 | 5,036 | 29.0 | 639 | 3.7 | 4,397 | 25.3 | 4,261 | 849 | 19.9 | 330 | 7.7 | 519 | 12.2 |
| Indiana | 1,765 | 451 | 25.6 | 93 | 5.3 | 358 | 20.3 | 3,390 | 505 | 14.9 | 174 | 5.1 | 331 | 9.8 |
| Indian Territory | 111 | 33 | 29.7 | 5 | 4.5 | 28 | 25.2 | 7,042 | 2,402 | 34.1 | 2,164 | 30.7 | 238 | 3.4 |
| Iowa | 3,998 | 1,300 | 32.5 | 951 | 23.8 | 349 | 8.7 | 794 | 150 | 18.9 | 18 | 2.3 | 132 | 16.6 |
| Kansas | 1,673 | 497 | 29.7 | 317 | 18.9 | 180 | 10.8 | 3,881 | 511 | 13.2 | 221 | 5.7 | 290 | 7.5 |
| Kentucky | 385 | 104 | 27.0 | 15 | 3.9 | 89 | 23.1 | 19,761 | 6,566 | 33.2 | 3,968 | 20.1 | 2,598 | 13.1 |
| Louisiana | 1,329 | 504 | 37.9 | 330 | 24.8 | 174 | 13.1 | 48,701 | 24,983 | 51.3 | 21,107 | 43.3 | 3,876 | 8.0 |
| Maine | 3,055 | 1,013 | 33.2 | 91 | 3.0 | 922 | 30.2 | 105 | 6 | 5.7 | 1 | 1.0 | 5 | 4.8 |
| Maryland | 1,901 | 645 | 33.9 | 87 | 4.6 | 558 | 29.4 | 15,610 | 4,591 | 29.4 | 2,568 | 16.5 | 2,023 | 13.0 |
| Massachusetts | 19,118 | 5,067 | 26.5 | 142 | .7 | 4,925 | 25.8 | 1,296 | 131 | 10.1 | 20 | 1.5 | 111 | 8.6 |
| Michigan | 10,981 | 2,299 | 20.9 | 687 | 6.3 | 1,612 | 14.7 | 1,351 | 167 | 12.4 | 68 | 5.0 | 99 | 7.3 |
| Minnesota | 8,355 | 1,987 | 23.8 | 1,313 | 15.7 | 674 | 8.1 | 827 | 137 | 16.6 | 39 | 4.7 | 98 | 11.9 |
| Mississippi | 105 | 41 | 39.0 | 19 | 18.1 | 22 | 21.0 | 70,969 | 42,163 | 59.4 | 38,430 | 54.2 | 3,733 | 5.3 |
| Missouri | 2,334 | 762 | 32.6 | 133 | 5.7 | 629 | 26.9 | 10,326 | 2,469 | 23.9 | 1,167 | 11.3 | 1,302 | 12.6 |
| Montana | 846 | 114 | 13.5 | 27 | 3.2 | 87 | 10.3 | 812 | 60 | 7.4 | 13 | 1.6 | 47 | 5.8 |
| Nebraska | 2,776 | 760 | 27.4 | 561 | 20.2 | 199 | 7.2 | 564 | 48 | 8.5 | 7 | 1.2 | 41 | 7.3 |
| Nevada | 51 | 15 | (a) | 11 | (a) | 4 | (a) | 332 | 44 | 13.3 | 25 | 7.5 | 19 | 5.7 |
| New Hampshire | 2,970 | 1,030 | 34.7 | 37 | 1.2 | 993 | 33.4 | 36 | 7 | (a) | 1 | (a) | 6 | (a) |
| New Jersey | 9,055 | 2,937 | 32.4 | 121 | 1.3 | 2,816 | 31.1 | 3,090 | 568 | 18.4 | 194 | 6.3 | 374 | 12.1 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| New Mexico | 337 | 85 | 25.2 | 23 | 6.8 | 62 | 18.4 | 1,122 | 335 | 29.9 | 312 | 27.8 | 23 | 2.0 |
| New York | 42,343 | 10,656 | 25.2 | 387 | .9 | 10,269 | 24.3 | 4,053 | 698 | 17.2 | 99 | 2.4 | 599 | 14.8 |
| North Carolina | 84 | 28 | [a] | 11 | [a] | 17 | [a] | 48,670 | 28,997 | 59.6 | 23,137 | 47.5 | 5,860 | 12.0 |
| North Dakota | 3,347 | 797 | 23.8 | 690 | 20.6 | 107 | 3.2 | 491 | 32 | 6.5 | 30 | 6.1 | 2 | .4 |
| Ohio | 6,769 | 1,593 | 23.5 | 127 | 1.9 | 1,466 | 21.7 | 5,386 | 695 | 12.9 | 211 | 3.9 | 484 | 9.0 |
| Oklahoma | 295 | 85 | 28.8 | 72 | 24.4 | 13 | 4.4 | 2,252 | 452 | 20.1 | 402 | 17.9 | 50 | 2.2 |
| Oregon | 829 | 145 | 17.5 | 63 | 7.6 | 82 | 9.9 | 490 | 80 | 16.3 | 12 | 2.4 | 68 | 13.9 |
| Pennsylvania | 20,659 | 9,068 | 43.9 | 153 | .7 | 8,915 | 43.2 | 7,092 | 1,277 | 18.0 | 231 | 3.3 | 1,046 | 14.7 |
| Rhode Island | 4,049 | 1,781 | 44.0 | 52 | 1.3 | 1,729 | 42.7 | 393 | 45 | 11.5 | 8 | 2.0 | 37 | 9.4 |
| South Carolina | 68 | 18 | [a] | 4 | [a] | 14 | [a] | 63,703 | 37,791 | 59.3 | 33,165 | 52.1 | 4,626 | 7.3 |
| South Dakota | 1,802 | 615 | 34.1 | 553 | 30.7 | 62 | 3.4 | 1,182 | 28 | 2.4 | 27 | 2.3 | 1 | .1 |
| Tennessee | 285 | 74 | 26.0 | 21 | 7.4 | 53 | 18.6 | 35,419 | 16,498 | 46.6 | 12,216 | 34.5 | 4,282 | 12.1 |
| Texas | 5,152 | 1,802 | 35.0 | 1,114 | 21.6 | 688 | 13.4 | 48,746 | 19,648 | 40.3 | 17,085 | 35.0 | 2,563 | 5.3 |
| Utah | 844 | 158 | 18.7 | 61 | 7.2 | 97 | 11.5 | 176 | 21 | 11.9 | 9 | 5.1 | 12 | 6.8 |
| Vermont | 1,132 | 239 | 21.1 | 67 | 5.9 | 172 | 15.2 | 50 | 8 | [a] | 2 | [a] | 6 | [a] |
| Virginia | 311 | 91 | 29.3 | 22 | 7.1 | 68 | 22.2 | 50,805 | 19,973 | 39.3 | 12,599 | 24.8 | 7,374 | 14.5 |
| Washington | 1,682 | 261 | 15.5 | 90 | 5.4 | 171 | 10.2 | 800 | 196 | 24.5 | 82 | 10.3 | 114 | 14.3 |
| West Virginia | 353 | 157 | 44.5 | 13 | 3.7 | 144 | 40.8 | 2,483 | 785 | 31.6 | 193 | 7.8 | 592 | 23.8 |
| Wisconsin | 8,378 | 2,565 | 30.6 | 950 | 11.3 | 1,615 | 19.3 | 697 | 72 | 10.3 | 18 | 2.6 | 54 | 7.7 |
| Wyoming | 205 | 54 | 26.3 | 14 | 6.8 | 40 | 19.5 | 134 | 14 | 10.4 | 1 | .7 | 13 | 9.7 |
| Total | 199,635 | 58,236 | 29.2 | 10,518 | 5.3 | 47,718 | 23.9 | 664,594 | 323,027 | 48.6 | 261,088 | 39.3 | 61,939 | 9.3 |
| *Geographical divisions.*[b] | | | | | | | | | | | | | | |
| North Atlantic | 107,564 | 33,518 | 31.2 | 1,149 | 1.1 | 32,369 | 30.1 | 16,808 | 2,336 | 16.9 | 588 | 3.5 | 2,248 | 13.4 |
| South Atlantic | 3,938 | 1,281 | 32.5 | 167 | 4.2 | 1,114 | 28.3 | 282,376 | 142,480 | 50.5 | 111,449 | 39.5 | 31,031 | 11.0 |
| North Central | 69,545 | 18,662 | 26.8 | 7,014 | 10.1 | 11,648 | 16.7 | 33,150 | 5,663 | 17.1 | 2,310 | 7.0 | 3,353 | 10.1 |
| South Central | 8,140 | 2,812 | 34.5 | 1,652 | 20.3 | 1,160 | 14.3 | 323,566 | 170,071 | 52.6 | 145,452 | 45.0 | 24,619 | 7.6 |
| Western | 10,448 | 1,963 | 18.8 | 536 | 5.1 | 1,427 | 13.7 | 8,694 | 1,977 | 22.7 | 1,289 | 14.8 | 688 | 7.9 |

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

[b] For States and Territories included in each division see note *f*, page 53.

**No. 122.—FEMALE POPULATION 10 TO 15 YEARS OF AGE EMPLOYED AS BREADWINNERS:** NUMBER AND PERCENTAGE IN ALL OCCUPATIONS, IN AGRICULTURAL PURSUITS, AND IN ALL OTHER OCCUPATIONS, IN THE CENSUS YEAR 1900, BY RACE AND NATIVITY BY STATES AND TERRITORIES AND BY GEOGRAPHICAL DIVISIONS.

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| State or Territory. | Native white—both parents native. | | | | | | | Native white—one or both parents foreign born. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total females 10 to 15 years of age. | Breadwinners. | | | | | | Total females 10 to 15 years of age. | Breadwinners. | | | | | |
| | | In all occupations. | | In agricultural pursuits. | | In all other occupations. | | | In all occupations. | | In agricultural pursuits. | | In all other occupations. | |
| | | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. | | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. |
| Alabama | 69,103 | 11,767 | 17.0 | 9,306 | 13.5 | 2,461 | 3.6 | 1,951 | 130 | 6.7 | 64 | 3.3 | 66 | 3.4 |
| Arizona | 2,427 | 44 | 1.8 | 6 | .2 | 38 | 1.6 | 1,886 | 29 | 1.5 | 2 | .1 | 27 | 1.4 |
| Arkansas | 66,936 | 5,076 | 7.6 | 3,934 | 5.9 | 1,142 | 1.7 | 2,333 | 175 | 7.5 | 99 | 4.2 | 76 | 3.3 |
| California | 37,916 | 665 | 1.8 | 15 | (a) | 650 | 1.7 | 32,251 | 1,092 | 3.4 | 18 | .1 | 1,074 | 3.3 |
| Colorado | 18,044 | 259 | 1.4 | 9 | (a) | 250 | 1.4 | 9,126 | 230 | 2.5 | 6 | .1 | 224 | 2.5 |
| Connecticut | 18,919 | 986 | 5.2 | 3 | (a) | 983 | 5.2 | 20,846 | 2,251 | 10.8 | 4 | (a) | 2,247 | 10.8 |
| Delaware | 7,405 | 507 | 6.8 | 57 | .8 | 450 | 6.1 | 1,409 | 172 | 12.2 | 1 | .1 | 171 | 12.1 |
| District of Columbia | 7,374 | 188 | 2.5 | ---- | ---- | 188 | 2.5 | 1,875 | 68 | 3.6 | ---- | ---- | 68 | 3.6 |
| Florida | 17,485 | 833 | 4.8 | 651 | 3.7 | 182 | 1.0 | 1,828 | 46 | 2.5 | 4 | .2 | 42 | 2.3 |
| Georgia | 81,478 | 9,274 | 11.4 | 5,757 | 7.1 | 3,517 | 4.3 | 1,508 | 67 | 4.4 | 13 | .9 | 54 | 3.6 |
| Idaho | 6,094 | 75 | 1.2 | 10 | .2 | 65 | 1.1 | 3,358 | 56 | 1.7 | 5 | .1 | 51 | 1.5 |
| Illinois | 152,953 | 4,602 | 3.0 | 224 | .1 | 4,378 | 2.9 | 119,039 | 10,609 | 8.9 | 115 | .1 | 10,494 | 8.8 |
| Indiana | 130,487 | 4,105 | 3.1 | 176 | .1 | 3,929 | 3.0 | 21,362 | 1,217 | 5.7 | 33 | .2 | 1,184 | 5.5 |
| Indian Territory | 20,658 | 1,710 | 8.3 | 1,265 | 6.1 | 445 | 2.2 | 669 | 34 | 5.1 | 19 | 2.8 | 15 | 2.2 |
| Iowa | 84,685 | 1,850 | 2.2 | 123 | .1 | 1,727 | 2.0 | 51,740 | 2,477 | 4.8 | 132 | .3 | 2,345 | 4.5 |
| Kansas | 69,991 | 1,244 | 1.8 | 188 | .3 | 1,056 | 1.5 | 23,477 | 675 | 2.9 | 64 | .3 | 611 | 2.6 |
| Kentucky | 119,007 | 4,665 | 3.9 | 1,676 | 1.4 | 2,989 | 2.5 | 8,018 | 919 | 11.5 | 10 | .1 | 909 | 11.3 |
| Louisiana | 43,622 | 3,201 | 7.3 | 2,255 | 5.2 | 946 | 2.2 | 5,797 | 406 | 7.0 | 50 | .9 | 356 | 6.1 |
| Maine | 24,503 | 548 | 2.2 | 9 | (a) | 539 | 2.2 | 7,837 | 564 | 7.2 | 7 | .1 | 557 | 7.1 |
| Maryland | 45,820 | 3,542 | 7.7 | 78 | .2 | 3,464 | 7.6 | 11,329 | 1,460 | 12.9 | 30 | .3 | 1,430 | 12.6 |
| Massachusetts | 49,661 | 1,666 | 3.4 | 1 | (a) | 1,665 | 3.4 | 66,765 | 5,292 | 7.9 | 1 | (a) | 5,291 | 7.9 |
| Michigan | 62,906 | 1,685 | 2.7 | 67 | .1 | 1,618 | 2.6 | 71,573 | 3,931 | 5.5 | 122 | .2 | 3,809 | 5.3 |
| Minnesota | 28,808 | 856 | 3.0 | 45 | .2 | 811 | 2.8 | 74,969 | 4,155 | 5.5 | 357 | .5 | 3,798 | 5.1 |
| Mississippi | 44,537 | 4,675 | 10.5 | 4,005 | 9.0 | 670 | 1.5 | 1,250 | 63 | 5.0 | 29 | 2.3 | 34 | 2.7 |
| Missouri | 156,709 | 4,467 | 2.9 | 566 | .4 | 3,901 | 2.5 | 35,101 | 3,211 | 9.1 | 80 | .2 | 3,131 | 8.9 |
| Montana | 4,976 | 94 | 1.9 | ---- | ---- | 94 | 1.9 | 4,696 | 104 | 2.2 | 1 | (a) | 103 | 2.2 |
| Nebraska | 37,883 | 824 | 2.2 | 104 | .3 | 720 | 1.9 | 30,357 | 1,293 | 4.3 | 163 | .5 | 1,130 | 3.7 |
| Nevada | 832 | 8 | 1.0 | 1 | .1 | 7 | .8 | 846 | 3 | .4 | ---- | ---- | 3 | .4 |
| New Hampshire | 10,561 | 340 | 3.2 | 1 | (a) | 339 | 3.2 | 6,150 | 586 | 9.5 | ---- | ---- | 586 | 9.5 |
| New Jersey | 50,291 | 3,798 | 7.6 | 70 | .1 | 3,728 | 7.4 | 41,318 | 5,023 | 12.2 | 22 | .1 | 5,001 | 12.1 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| New Mexico | 10,149 | 391 | 3.9 | 48 | .5 | 343 | 3.4 | 1,276 | 21 | 1.6 | 2 | .2 | 19 | 1.5 |
| New York | 172,483 | 9,198 | 5.3 | 76 | (a) | 9,122 | 5.3 | 165,237 | 16,888 | 10.2 | 55 | (a) | 16,833 | 10.2 |
| North Carolina | 88,463 | 15,637 | 17.7 | 8,207 | 9.3 | 7,430 | 8.4 | 549 | 25 | 4.6 | 5 | .9 | 20 | 3.6 |
| North Dakota | 4,017 | 109 | 2.7 | 18 | .4 | 91 | 2.3 | 12,806 | 555 | 4.3 | 60 | .5 | 495 | 3.9 |
| Ohio | 173,377 | 6,296 | 3.6 | 183 | .1 | 6,113 | 3.5 | 60,320 | 5,161 | 8.6 | 31 | .1 | 5,130 | 8.5 |
| Oklahoma | 21,821 | 336 | 1.5 | 158 | .7 | 178 | .8 | 2,827 | 69 | 2.4 | 19 | .7 | 50 | 1.8 |
| Oregon | 16,313 | 274 | 1.7 | 22 | .1 | 252 | 1.5 | 6,735 | 189 | 2.8 | 6 | .1 | 183 | 2.7 |
| Pennsylvania | 243,136 | 19,280 | 7.9 | 206 | .1 | 19,074 | 7.8 | 98,825 | 11,230 | 11.4 | 27 | (a) | 11,203 | 11.3 |
| Rhode Island | 7,290 | 534 | 7.3 | 1 | (a) | 533 | 7.3 | 10,619 | 1,778 | 16.7 | 3 | (a) | 1,775 | 16.7 |
| South Carolina | 38,362 | 9,975 | 26.0 | 5,343 | 13.9 | 4,632 | 12.1 | 708 | 32 | 4.5 | 10 | 1.4 | 22 | 3.1 |
| South Dakota | 9,627 | 235 | 2.4 | 35 | .4 | 200 | 2.1 | 14,699 | 760 | 5.2 | 201 | 1.4 | 559 | 3.8 |
| Tennessee | 103,792 | 4,631 | 4.5 | 2,142 | 2.1 | 2,489 | 2.4 | 2,566 | 110 | 4.3 | 20 | .8 | 90 | 3.5 |
| Texas | 145,550 | 6,872 | 4.7 | 5,881 | 4.0 | 991 | .7 | 25,026 | 1,869 | 7.5 | 1,364 | 5.5 | 505 | 2.0 |
| Utah | 8,607 | 127 | 1.5 | 6 | .1 | 121 | 1.4 | 10,368 | 208 | 2.0 | 6 | .1 | 202 | 1.9 |
| Vermont | 12,001 | 438 | 3.6 | 8 | .1 | 430 | 3.6 | 4,725 | 320 | 6.8 | ..... | ..... | 320 | 6.8 |
| Virginia | 77,200 | 3,032 | 3.9 | 610 | .8 | 2,422 | 3.1 | 1,980 | 80 | 4.0 | 4 | .2 | 76 | 3.8 |
| Washington | 15,911 | 200 | 1.3 | 8 | .1 | 192 | 1.2 | 10,315 | 235 | 2.3 | 15 | .1 | 220 | 2.1 |
| West Virginia | 58,886 | 1,968 | 3.3 | 286 | .5 | 1,682 | 2.9 | 2,669 | 180 | 6.7 | 2 | .1 | 178 | 6.7 |
| Wisconsin | 45,739 | 1,512 | 3.3 | 128 | .3 | 1,384 | 3.0 | 82,835 | 6,717 | 8.1 | 354 | .4 | 6,363 | 7.7 |
| Wyoming | 2,455 | 72 | 2.9 | 3 | .1 | 69 | 2.8 | 1,598 | 28 | 1.8 | ..... | ..... | 28 | 1.8 |
| Total | 2,727,245 | 154,671 | 5.7 | 53,971 | 2.0 | 100,700 | 3.7 | 1,177,347 | 92,793 | 7.9 | 3,635 | .3 | 89,158 | 7.6 |
| *Geographical divisions.* [b] | | | | | | | | | | | | | | |
| North Atlantic | 588,845 | 36,788 | 6.2 | 375 | .1 | 36,413 | 6.2 | 422,322 | 43,932 | 10.4 | 119 | (a) | 43,813 | 10.4 |
| South Atlantic | 422,473 | 44,956 | 10.6 | 20,989 | 5.0 | 23,967 | 5.7 | 23,855 | 2,130 | 8.9 | 69 | .3 | 2,061 | 8.6 |
| North Central | 957,177 | 27,785 | 2.9 | 1,857 | .2 | 25,926 | 2.7 | 598,278 | 40,761 | 6.8 | 1,712 | .3 | 39,049 | 6.5 |
| South Central | 635,026 | 42,933 | 6.8 | 30,622 | 4.8 | 12,311 | 1.9 | 50,437 | 3,775 | 7.5 | 1,674 | 3.3 | 2,101 | 4.2 |
| Western | 123,724 | 2,209 | 1.8 | 128 | .1 | 2,081 | 1.7 | 82,455 | 2,195 | 2.7 | 61 | .1 | 2,134 | 2.6 |

[a] Less than one-tenth of 1 per cent.

[b] For States and Territories included in each division see note *f*, page 53.

No. 122.—Female Population 10 to 15 Years of Age Employed as Breadwinners: Number and Percentage, etc.—Continued.

| State or Territory. | Foreign-born white. | | | | | | | Negro, Indian, and Mongolian. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total females 10 to 15 years of age. | Breadwinners. | | | | | | Total females 10 to 15 years of age. | Breadwinners. | | | | | |
| | | In all occupations. | | In agricultural pursuits. | | In all other occupations. | | | In all occupations. | | In agricultural pursuits. | | In all other occupations. | |
| | | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. | | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. |
| Alabama | 221 | 19 | 8.6 | 3 | 1.4 | 16 | 7.2 | 61,653 | 29,748 | 48.3 | 25,343 | 41.1 | 4,405 | 7.1 |
| Arizona | 554 | 25 | 4.5 | 1 | .2 | 24 | 4.3 | 1,854 | 526 | 28.4 | 379 | 20.4 | 147 | 7.9 |
| Arkansas | 163 | 6 | 3.7 | 4 | 2.5 | 2 | 1.2 | 27,574 | 10,064 | 36.5 | 9,093 | 33.0 | 971 | 3.5 |
| California | 3,297 | 284 | 8.6 | 7 | .2 | 277 | 8.4 | 1,839 | 91 | 4.9 | 3 | .2 | 88 | 4.8 |
| Colorado | 1,243 | 91 | 7.3 | 2 | .2 | 89 | 7.2 | 511 | 17 | 3.3 | ..... | ..... | 17 | 3.3 |
| Connecticut | 5,201 | 1,412 | 27.1 | 4 | .1 | 1,408 | 27.1 | 741 | 92 | 12.4 | ..... | ..... | 92 | 12.4 |
| Delaware | 227 | 48 | 21.1 | ..... | ..... | 48 | 21.1 | 1,974 | 351 | 17.8 | 20 | 1.0 | 331 | 16.8 |
| District of Columbia | 202 | 23 | 11.4 | ..... | ..... | 23 | 11.4 | 4,742 | 500 | 10.5 | ..... | ..... | 500 | 10.5 |
| Florida | 551 | 58 | 10.5 | ..... | ..... | 58 | 10.5 | 15,570 | 3,185 | 20.5 | 2,171 | 13.9 | 1,014 | 6.5 |
| Georgia | 219 | 7 | 3.2 | 1 | .5 | 6 | 2.7 | 78,403 | 27,154 | 34.6 | 20,295 | 25.9 | 6,859 | 8.7 |
| Idaho | 239 | 9 | 3.8 | 1 | .4 | 8 | 3.3 | 206 | 1 | .5 | ..... | ..... | 1 | .5 |
| Illinois | 16,932 | 4,084 | 24.1 | 40 | .2 | 4,044 | 23.9 | 4,410 | 246 | 5.6 | 11 | .2 | 235 | 5.3 |
| Indiana | 1,669 | 182 | 10.9 | ..... | ..... | 182 | 10.9 | 3,464 | 188 | 5.4 | 4 | .1 | 184 | 5.3 |
| Indian Territory | 84 | ..... | ..... | ..... | ..... | ..... | ..... | 7,047 | 452 | 6.4 | 275 | 3.9 | 177 | 2.5 |
| Iowa | 3,736 | 487 | 13.0 | 21 | .6 | 466 | 12.5 | 769 | 32 | 4.2 | ..... | ..... | 32 | 4.2 |
| Kansas | 1,547 | 127 | 8.2 | 6 | .4 | 121 | 7.8 | 3,830 | 139 | 3.6 | 3 | .1 | 136 | 3.6 |
| Kentucky | 405 | 83 | 20.5 | 1 | .2 | 82 | 20.2 | 19,769 | 1,774 | 9.0 | 163 | .8 | 1,611 | 8.1 |
| Louisiana | 1,104 | 70 | 6.3 | 20 | 1.8 | 50 | 4.5 | 48,512 | 17,750 | 36.6 | 14,183 | 29.2 | 3,567 | 7.4 |
| Maine | 3,055 | 895 | 29.3 | ..... | ..... | 895 | 29.3 | 118 | 6 | 5.1 | ..... | ..... | 6 | 5.1 |
| Maryland | 1,869 | 440 | 23.5 | 30 | 1.6 | 410 | 21.9 | 15,861 | 2,444 | 15.4 | 139 | .9 | 2,305 | 14.5 |
| Massachusetts | 20,063 | 4,433 | 22.1 | 5 | (a) | 4,428 | 22.1 | 1,456 | 84 | 5.8 | ..... | ..... | 84 | 5.8 |
| Michigan | 10,693 | 1,474 | 13.8 | 20 | .2 | 1,454 | 13.6 | 1,348 | 84 | 6.2 | ..... | ..... | 84 | 6.2 |
| Minnesota | 7,857 | 997 | 12.7 | 53 | .7 | 944 | 12.0 | 776 | 33 | 4.3 | 2 | .3 | 31 | 4.0 |
| Mississippi | 92 | 12 | (b) | 9 | (b) | 3 | (b) | 68,878 | 29,353 | 42.6 | 26,334 | 38.2 | 3,019 | 4.4 |
| Missouri | 2,226 | 437 | 19.6 | 5 | .2 | 432 | 19.4 | 10,500 | 913 | 8.7 | 47 | .4 | 866 | 8.2 |
| Montana | 875 | 63 | 7.2 | 4 | .5 | 59 | 6.7 | 735 | 9 | 1.2 | 2 | .3 | 7 | 1.0 |
| Nebraska | 2,588 | 349 | 13.5 | 24 | .9 | 325 | 12.6 | 569 | 29 | 5.1 | 1 | .2 | 28 | 4.9 |
| Nevada | 33 | 3 | (b) | ..... | ..... | 3 | (b) | 253 | 17 | 6.7 | 1 | .4 | 16 | 6.3 |
| New Hampshire | 3,063 | 1,022 | 33.4 | ..... | ..... | 1,022 | 33.4 | 28 | 3 | (b) | ..... | ..... | 3 | (b) |
| New Jersey | 9,223 | 2,482 | 26.9 | 15 | .2 | 2,467 | 26.7 | 3,411 | 501 | 14.7 | 7 | .2 | 494 | 14.5 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| New Mexico | 352 | 11 | 3.1 | 3 | .9 | 8 | 2.3 | 955 | 121 | 12.7 | 77 | 8.1 | 44 | 4.6 |
| New York | 42,609 | 10,031 | 23.5 | 67 | .2 | 9,964 | 23.4 | 4,572 | 609 | 13.3 | 2 | (a) | 607 | 13.3 |
| North Carolina | 87 | 6 | (b) | | | 6 | (b) | 48,805 | 16,753 | 34.3 | 11,761 | 24.1 | 4,992 | 10.2 |
| North Dakota | 3,051 | 344 | 11.3 | 59 | 1.9 | 285 | 9.3 | 458 | 11 | 2.4 | 10 | 2.2 | 1 | .2 |
| Ohio | 6,797 | 1,084 | 15.9 | 2 | (a) | 1,082 | 15.9 | 5,678 | 353 | 6.2 | 3 | .1 | 350 | 6.2 |
| Oklahoma | 273 | 10 | 3.7 | | | 10 | 3.7 | 2,244 | 134 | 6.0 | 108 | 4.8 | 26 | 1.2 |
| Oregon | 772 | 49 | 6.3 | 1 | .1 | 48 | 6.2 | 390 | 9 | 2.3 | 1 | .3 | 8 | 2.1 |
| Pennsylvania | 19,058 | 4,365 | 22.9 | 22 | .1 | 4,343 | 22.8 | 7,745 | 1,006 | 13.0 | | | 1,006 | 13.0 |
| Rhode Island | 4,053 | 1,547 | 38.2 | 4 | .1 | 1,543 | 38.1 | 441 | 32 | 7.3 | | | 32 | 7.3 |
| South Carolina | 48 | 3 | (b) | | | 3 | (b) | 62,517 | 28,907 | 46.2 | 24,268 | 38.8 | 4,639 | 7.4 |
| South Dakota | 1,671 | 217 | 13.0 | 38 | 2.3 | 179 | 10.7 | 1,126 | 7 | .6 | 2 | .2 | 5 | .4 |
| Tennessee | 265 | 18 | 6.8 | 2 | .8 | 16 | 6.0 | 34,931 | 7,892 | 22.6 | 5,117 | 14.6 | 2,775 | 7.9 |
| Texas | 4,848 | 588 | 12.1 | 341 | 7.0 | 247 | 5.1 | 48,535 | 8,638 | 17.8 | 6,950 | 14.3 | 1,688 | 3.5 |
| Utah | 921 | 84 | 9.1 | 3 | .3 | 81 | 8.8 | 150 | 11 | 7.3 | 1 | .7 | 10 | 6.7 |
| Vermont | 1,081 | 139 | 12.9 | | | 139 | 12.9 | 40 | 3 | (b) | | | 3 | (b) |
| Virginia | 287 | 30 | 10.5 | 1 | .3 | 29 | 10.1 | 51,158 | 7,952 | 15.5 | 1,995 | 3.9 | 5,957 | 11.6 |
| Washington | 1,613 | 87 | 5.4 | 3 | .2 | 84 | 5.2 | 639 | 56 | 8.8 | 49 | 7.7 | 7 | 1.1 |
| West Virginia | 322 | 37 | 11.5 | 1 | .3 | 36 | 11.2 | 2,443 | 296 | 12.1 | 2 | .1 | 294 | 12.0 |
| Wisconsin | 8,222 | 1,426 | 17.3 | 29 | .4 | 1,397 | 17.0 | 718 | 18 | 2.5 | | | 18 | 2.5 |
| Wyoming | 210 | 10 | 4.8 | 1 | .5 | 9 | 4.3 | 116 | 1 | .9 | | | 1 | .9 |
| Total | 195,771 | 39,708 | 20.3 | 853 | .4 | 38,855 | 19.8 | 660,462 | 198,595 | 30.1 | 148,822 | 22.5 | 49,773 | 7.5 |
| *Geographical divisions.*[c] | | | | | | | | | | | | | | |
| North Atlantic | 107,406 | 26,326 | 24.5 | 117 | .1 | 26,209 | 24.4 | 18,552 | 2,336 | 12.6 | 9 | (a) | 2,327 | 12.5 |
| South Atlantic | 3,812 | 652 | 17.1 | 33 | .9 | 619 | 16.2 | 281,473 | 87,542 | 31.1 | 60,651 | 21.5 | 26,891 | 9.6 |
| North Central | 66,989 | 11,208 | 16.7 | 297 | .4 | 10,911 | 16.3 | 33,646 | 2,053 | 6.1 | 83 | .2 | 1,970 | 5.9 |
| South Central | 7,455 | 806 | 10.8 | 380 | 5.1 | 426 | 5.7 | 319,143 | 105,805 | 33.2 | 87,566 | 27.4 | 18,239 | 5.7 |
| Western | 10,109 | 716 | 7.1 | 26 | .3 | 690 | 6.8 | 7,648 | 859 | 11.2 | 513 | 6.7 | 346 | 4.5 |

[a] Less than one-tenth of 1 per cent. [b] Per cent not shown where base is less than 100. [c] For States and Territories included in each division see note *f*, page 53.

**No. 123.—FEMALE POPULATION 16 YEARS OF AGE AND OVER EMPLOYED AS BREADWINNERS:** NUMBER AND PERCENTAGE IN THE CENSUS YEARS 1880, 1890, AND 1900, BY STATES AND TERRITORIES AND BY GEOGRAPHICAL DIVISIONS.

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| State or Territory. | 1880 | | | 1890 | | | 1900 | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total females 16 years of age and over. | Breadwinners. | | Total females 16 years of age and over. | Breadwinners. | | Total females 16 years of age and over. | Breadwinners. | |
| | | Number. | Per cent. | | Number.[a] | Per cent. | | Number. | Per cent. |
| Alabama | 351,257 | 98,566 | 28.1 | 418,394 | 109,091 | 26.1 | 520,252 | 158,345 | 30.4 |
| Arizona | 7,161 | 451 | 6.3 | 13,097 | 1,534 | 11.7 | 30,399 | 6,162 | 20.3 |
| Arkansas | 199,910 | 23,200 | 11.6 | 286,803 | 41,887 | 14.6 | 352,725 | 62,532 | 17.7 |
| California | 208,641 | 27,159 | 13.0 | 335,290 | 58,606 | 17.5 | 459,015 | 85,790 | 18.7 |
| Colorado | 39,838 | 4,608 | 11.6 | 106,329 | 18,484 | 17.4 | 158,335 | 27,369 | 17.2 |
| Connecticut | 219,887 | 44,660 | 20.3 | 269,705 | 67,124 | 24.9 | 319,617 | 83,898 | 26.2 |
| Delaware | 45,512 | 7,088 | 15.6 | 53,966 | 9,424 | 17.5 | 60,090 | 11,894 | 19.8 |
| District of Columbia | 62,443 | 19,064 | 30.5 | 85,890 | 31,049 | 36.1 | 109,031 | 40,382 | 37.0 |
| Florida | 72,581 | 14,472 | 19.9 | 107,315 | 24,050 | 22.4 | 146,866 | 33,459 | 22.8 |
| Georgia | 427,559 | 120,628 | 28.2 | 508,776 | 134,554 | 26.4 | 633,097 | 182,037 | 28.8 |
| Idaho | 5,531 | 274 | 5.0 | 17,768 | 1,802 | 10.1 | 37,940 | 4,375 | 11.5 |
| Illinois | 881,612 | 99,005 | 11.2 | 1,163,486 | 187,581 | 16.1 | 1,511,608 | 275,105 | 18.2 |
| Indiana | 576,685 | 47,872 | 8.3 | 676,130 | 80,393 | 11.9 | 804,478 | 111,024 | 13.8 |
| Indian Territory | | | | | | | 96,548 | 10,020 | 10.4 |
| Iowa | 445,716 | 42,383 | 9.5 | 559,212 | 76,985 | 13.8 | 676,947 | 102,037 | 15.1 |
| Kansas | 249,882 | 18,129 | 7.3 | 393,981 | 43,770 | 11.1 | 433,223 | 53,386 | 12.3 |
| Kentucky | 459,034 | 49,035 | 10.7 | 536,287 | 77,485 | 14.4 | 635,330 | 98,181 | 15.5 |
| Louisiana | 263,203 | 75,011 | 28.5 | 315,706 | 93,453 | 29.6 | 394,450 | 109,484 | 27.8 |
| Maine | 223,189 | 31,881 | 14.3 | 233,010 | 43,360 | 18.6 | 243,813 | 49,917 | 20.5 |
| Maryland | 291,512 | 54,094 | 18.6 | 337,936 | 78,049 | 23.1 | 390,551 | 91,097 | 23.3 |
| Massachusetts | 654,415 | 165,121 | 25.2 | 836,642 | 253,073 | 30.2 | 1,031,522 | 317,558 | 30.8 |
| Michigan | 475,519 | 51,534 | 10.8 | 639,021 | 90,071 | 14.1 | 766,656 | 126,517 | 16.5 |
| Minnesota | 201,925 | 23,573 | 11.1 | 358,255 | 62,229 | 17.4 | 486,851 | 90,887 | 18.7 |
| Mississippi | 298,656 | 92,855 | 31.1 | 345,394 | 108,426 | 31.4 | 431,458 | 144,254 | 33.4 |
| Missouri | 587,658 | 58,180 | 9.9 | 772,841 | 106,367 | 13.8 | 944,161 | 145,498 | 15.4 |
| Montana | 6,147 | 482 | 7.8 | 27,337 | 4,494 | 16.4 | 56,590 | 9,539 | 16.9 |
| Nebraska | 109,714 | 9,725 | 8.9 | 278,246 | 40,733 | 14.6 | 298,893 | 44,121 | 14.8 |
| Nevada | 12,108 | 1,461 | 12.1 | 10,511 | 1,800 | 17.1 | 11,173 | 1,969 | 17.6 |
| New Hampshire | 128,133 | 28,419 | 22.2 | 140,329 | 34,931 | 24.9 | 149,608 | 39,807 | 26.6 |
| New Jersey | 368,559 | 62,438 | 16.9 | 489,780 | 102,877 | 21.0 | 637,031 | 142,718 | 22.4 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| New Mexico | 31,826 | 2,010 | 6.3 | 41,615 | 3,639 | 8.7 | 51,731 | 5,766 | 11.1 |
| New York | 1,731,564 | 338,219 | 19.5 | 2,106,517 | 482,239 | 22.9 | 2,538,959 | 635,319 | 25.0 |
| North Carolina | 400,417 | 67,997 | 17.0 | 460,050 | 97,842 | 21.3 | 547,099 | 127,740 | 23.3 |
| North Dakota | [b] 29,132 | [b] 2,672 | [b] 9.2 | 45,288 | 7,400 | 16.3 | 76,936 | 13,073 | 17.0 |
| Ohio | 977,977 | 105,388 | 10.8 | 1,183,143 | 173,540 | 14.7 | 1,380,154 | 233,177 | 16.9 |
| Oklahoma | | | | 14,946 | 1,014 | 6.8 | 101,980 | 9,708 | 9.5 |
| Oregon | 38,675 | 2,676 | 6.9 | 79,043 | 10,394 | 13.1 | 114,552 | 17,916 | 15.6 |
| Pennsylvania | 1,333,180 | 198,437 | 14.9 | 1,677,234 | 301,226 | 18.0 | 2,025,608 | 395,656 | 19.5 |
| Rhode Island | 100,063 | 27,055 | 27.0 | 126,600 | 38,018 | 30.0 | 153,717 | 48,203 | 31.4 |
| South Carolina | 273,986 | 99,974 | 36.5 | 311,979 | 105,807 | 33.9 | 375,745 | 142,433 | 37.9 |
| South Dakota | [c] | [c] | [c] | 83,249 | 10,999 | 13.2 | 105,435 | 14,425 | 13.7 |
| Tennessee | 427,627 | 46,352 | 10.8 | 502,487 | 72,974 | 14.5 | 592,601 | 103,553 | 17.5 |
| Texas | 389,475 | 48,153 | 12.4 | 561,369 | 79,511 | 14.2 | 810,055 | 122,425 | 15.1 |
| Utah | 36,292 | 2,576 | 7.1 | 53,086 | 6,553 | 12.3 | 75,724 | 10,334 | 13.6 |
| Vermont | 112,608 | 15,113 | 13.4 | 114,976 | 18,759 | 16.3 | 118,568 | 21,852 | 18.4 |
| Virginia | 436,408 | 71,339 | 16.3 | 485,458 | 95,078 | 19.6 | 554,436 | 114,438 | 20.6 |
| Washington | 15,429 | 1,009 | 6.5 | 79,123 | 10,658 | 13.5 | 131,677 | 20,203 | 15.3 |
| West Virginia | 166,474 | 10,266 | 6.2 | 211,555 | 20,142 | 9.5 | 269,353 | 28,680 | 10.6 |
| Wisconsin | 373,275 | 42,945 | 11.5 | 489,972 | 75,433 | 15.4 | 612,519 | 106,474 | 17.4 |
| Wyoming | 3,863 | 439 | 11.4 | 12,545 | 1,707 | 13.6 | 19,952 | 2,893 | 14.5 |
| Continental United States | 14,752,258 | 2,353,988 | 16.0 | 18,957,672 | 3,596,615 | 19.0 | 23,485,559 | 4,833,630 | 20.6 |
| *Geographical divisions.*[d] | | | | | | | | | |
| North Atlantic | 4,871,598 | 911,343 | 18.7 | 5,994,793 | 1,341,607 | 22.4 | 7,218,443 | 1,734,928 | 24.0 |
| South Atlantic | 2,176,892 | 464,922 | 21.4 | 2,562,925 | 595,995 | 23.3 | 3,086,268 | 772,160 | 25.0 |
| North Central | 4,909,095 | 501,406 | 10.2 | 6,642,824 | 955,501 | 14.4 | 8,097,861 | 1,315,724 | 16.2 |
| South Central | 2,389,162 | 433,172 | 18.1 | 2,981,386 | 583,841 | 19.6 | 3,935,399 | 818,502 | 20.8 |
| Western | 405,511 | 43,145 | 10.6 | 775,744 | 119,671 | 15.4 | 1,147,588 | 192,316 | 16.8 |

[a] Obtained by subtracting estimated number 15 years of age from number 15 years of age and over.

[b] Includes South Dakota.

[c] Included in North Dakota.

[d] For States and Territories included in each division, see note *f*, page 53.

**No. 124.—FEMALE POPULATION 15 YEARS OF AGE AND OVER EMPLOYED AS BREADWINNERS:** NUMBER AND PERCENTAGE IN THE CENSUS YEARS 1890 AND 1900, BY RACE, NATIVITY, AND MARITAL CONDITION (AREA OF ENUMERATION).

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

ALL CLASSES.

| Marital condition. | 1890 | | | 1900 | | |
|---|---|---|---|---|---|---|
| | Total females 15 years of age and over. | Breadwinners. | | Total females 15 years of age and over. | Breadwinners. | |
| | | Number. | Per cent. | | Number. | Per cent. |
| Single [a] | 6,250,912 | 2,581,548 | 40.5 | 7,614,610 | 3,309,665 | 43.5 |
| Married | 11,124,785 | 515,124 | 4.6 | 13,842,180 | 775,924 | 5.6 |
| Widowed | 2,154,598 | 630,257 | 29.3 | 2,721,438 | 857,922 | 31.5 |
| Divorced | 71,883 | 35,215 | 49.0 | 114,935 | 63,558 | 55.3 |
| Total | 19,602,178 | 3,712,144 | 18.9 | 24,293,163 | 5,007,069 | 20.6 |

NATIVE WHITE—BOTH PARENTS NATIVE.

| | | | | | | |
|---|---|---|---|---|---|---|
| Single [a] | 3,233,405 | 889,722 | 27.5 | 3,918,599 | 1,230,803 | 31.4 |
| Married | 6,132,027 | 135,881 | 2.2 | 7,259,967 | 217,565 | 3.0 |
| Widowed | 1,120,959 | 265,679 | 23.7 | 1,333,719 | 347,736 | 26.1 |
| Divorced | 44,284 | 18,866 | 42.6 | 62,678 | 29,746 | 47.5 |
| Total | 10,530,675 | 1,310,148 | 12.4 | 12,574,963 | 1,825,850 | 14.5 |

NATIVE WHITE—ONE OR BOTH PARENTS FOREIGN BORN.

| | | | | | | |
|---|---|---|---|---|---|---|
| Single [a] | 1,562,788 | 693,373 | 44.4 | 1,990,539 | 977,094 | 49.1 |
| Married | 1,357,712 | 36,375 | 2.7 | 2,214,414 | 69,065 | 3.1 |
| Widowed | 135,959 | 41,236 | 30.3 | 257,107 | 83,154 | 32.3 |
| Divorced | 7,862 | 3,767 | 47.9 | 16,660 | 8,816 | 52.9 |
| Total | 3,064,321 | 774,751 | 25.3 | 4,478,720 | 1,138,129 | 25.4 |

FOREIGN-BORN WHITE.

| | | | | | | |
|---|---|---|---|---|---|---|
| Single [a] | 791,040 | 557,116 | 70.4 | 875,547 | 607,791 | 69.4 |
| Married | 2,435,046 | 72,617 | 3.0 | 2,859,665 | 102,416 | 3.6 |
| Widowed | 574,854 | 122,249 | 21.3 | 702,953 | 145,315 | 20.7 |
| Divorced | 8,979 | 4,024 | 44.8 | 12,534 | 6,441 | 51.4 |
| Total | 3,809,919 | 756,006 | 19.8 | 4,450,699 | 861,963 | 19.4 |

NEGRO.

| | | | | | | |
|---|---|---|---|---|---|---|
| Single [a] | 657,234 | 389,668 | 59.3 | 810,647 | 490,358 | 60.5 |
| Married | 1,187,434 | 269,169 | 22.7 | 1,443,859 | 376,114 | 26.0 |
| Widowed | 320,194 | 200,350 | 62.6 | 414,110 | 277,656 | 67.0 |
| Divorced | 10,688 | 8,530 | 79.8 | 22,036 | 18,122 | 82.2 |
| Total | 2,175,550 | 867,717 | 39.9 | 2,690,652 | 1,162,250 | 43.2 |

INDIAN AND MONGOLIAN.

| | | | | | | |
|---|---|---|---|---|---|---|
| Single [a] | 6,445 | 1,669 | 25.9 | 19,278 | 3,619 | 18.8 |
| Married | 12,566 | 1,082 | 8.6 | 64,275 | 10,764 | 16.7 |
| Widowed | 2,632 | 743 | 28.2 | 13,549 | 4,061 | 30.0 |
| Divorced | 70 | 28 | [b] | 1,027 | 433 | 42.2 |
| Total | 21,713 | 3,522 | 16.2 | 98,129 | 18,877 | 19.2 |

[a] Including unknown. [b] Per cent not shown where base is less than 100.

**No. 125.—FEMALE POPULATION 15 YEARS OF AGE AND OVER EMPLOYED AS BREADWINNERS: NUMBER IN THE CENSUS YEARS 1890 AND 1900, AND INCREASE 1890 TO 1900, BY OCCUPATIONS (AREA OF ENUMERATION).**

[From reports of the Bureau of the Census, Department of Commerce and Labor.]

| Occupation. | 1890 | 1900 | Increase 1890 to 1900. | |
|---|---|---|---|---|
| | | | Number. | Per cent. |
| **Agricultural pursuits:** | | | | |
| Agricultural laborers | 363,554 | 497,886 | 134,332 | 36.9 |
| Farmers, planters, and overseers | 226,427 | 307,788 | 81,361 | 35.9 |
| Other agricultural pursuits | 5,153 | 6,070 | 917 | 17.8 |
| Total | 595,134 | 811,744 | 216,610 | 36.4 |
| **Professional service:** | | | | |
| Actresses, professional show women, etc | 4,491 | 6,819 | 2,328 | 51.8 |
| Artists and teachers of art | 10,775 | 10,989 | 214 | 2.0 |
| Literary and scientific persons | 2,764 | 5,989 | 3,225 | 116.7 |
| Musicians and teachers of music | 34,435 | 52,257 | 17,822 | 51.8 |
| Officials (government) | 4,875 | 8,126 | 3,251 | 66.7 |
| Physicians and surgeons | 4,557 | 7,399 | 2,842 | 62.4 |
| Teachers and professors in colleges, etc | 245,839 | 327,905 | 82,066 | 33.4 |
| Other professional service | 3,505 | 11,282 | 7,777 | 221.9 |
| Total | 311,241 | 430,766 | 119,525 | 38.4 |
| **Domestic and personal service:** | | | | |
| Barbers and hairdressers | 2,779 | 5,533 | 2,754 | 99.1 |
| Boarding and lodging house keepers | 32,593 | 59,511 | 26,918 | 82.6 |
| Hotel keepers | 5,276 | 8,545 | 3,269 | 62.0 |
| Housekeepers and stewardesses | 86,089 | 147,103 | 61,014 | 70.9 |
| Janitors and sextons | 2,803 | 8,028 | 5,225 | 186.4 |
| Laborers (not specified) | 50,321 | 111,503 | 61,182 | 121.6 |
| Laundresses | 215,121 | 332,665 | 117,544 | 54.6 |
| Nurses and midwives | 41,396 | 108,978 | 67,582 | 163.3 |
| Servants and waitresses | 1,145,255 | 1,213,828 | 68,573 | 6.0 |
| Other domestic and personal service | 8,554 | 16,346 | 7,792 | 91.1 |
| Total | 1,590,187 | 2,012,040 | 421,853 | 26.5 |
| **Trade and transportation:** | | | | |
| Agents | 4,853 | 10,538 | 5,685 | 117.1 |
| Bookkeepers and accountants | 27,606 | 73,820 | 46,214 | 167.4 |
| Clerks and copyists | 62,817 | 83,726 | 20,909 | 33.3 |
| Merchants and dealers (except wholesale) | 25,284 | 34,008 | 8,724 | 34.5 |
| Packers and shippers | 6,147 | 18,673 | 12,526 | 203.8 |
| Saleswomen | 57,171 | 146,577 | 89,406 | 156.4 |
| Stenographers and typewriters | 21,214 | 85,912 | 64,698 | 305.0 |
| Telegraph and telephone operators | 8,403 | 22,454 | 14,051 | 167.2 |
| Other persons in trade and transportation | 9,058 | 18,418 | 9,360 | 103.3 |
| Total | 222,553 | 494,126 | 271,573 | 122.0 |
| **Manufacturing and mechanical pursuits:** | | | | |
| Bookbinders | 11,271 | 15,171 | 3,900 | 34.6 |
| Boot and shoe makers and repairers | 32,948 | 38,285 | 5,337 | 16.2 |
| Boxmakers (paper) | 12,325 | 15,992 | 3,667 | 29.8 |
| Confectioners | 5,328 | 8,586 | 3,258 | 61.1 |
| Glovemakers | 3,608 | 7,543 | 3,935 | 109.1 |
| Gold and silver workers | 3,253 | 6,158 | 2,905 | 89.3 |
| Paper and pulp-mill operatives | 8,719 | 9,164 | 445 | 5.1 |
| Printers, lithographers, and presswomen | 12,026 | 15,770 | 3,744 | 31.1 |
| Rubber-factory operatives | 6,331 | 7,238 | 907 | 14.3 |
| Textile-mill operatives | 211,112 | 250,376 | 39,264 | 18.6 |
| Carpet-factory operatives | 10,452 | 8,679 | [a] 1,773 | [a] 17.0 |
| Cotton-mill operatives | 84,220 | 104,944 | 20,724 | 24.6 |
| Hosiery and knitting mill operatives | 19,321 | 31,108 | 11,787 | 61.0 |
| Silk-mill operatives | 19,108 | 29,200 | 10,092 | 52.8 |
| Woolen-mill operatives | 34,428 | 28,961 | [a] 5,467 | [a] 15.9 |
| Other textile-mill operatives | 43,583 | 47,484 | 3,901 | 9.0 |
| Textile workers | 588,277 | 693,158 | 104,881 | 17.8 |
| Dressmakers | 290,308 | 342,579 | 52,271 | 18.0 |
| Hat and cap makers | 6,552 | 7,398 | 846 | 12.9 |
| Milliners | 60,653 | 85,025 | 24,372 | 40.2 |
| Seamstresses | 143,339 | 143,270 | [a] 69 | [b] |
| Shirt, collar, and cuff makers | 15,534 | 29,509 | 13,975 | 90.0 |
| Tailoresses | 61,488 | 65,353 | 3,865 | 6.3 |
| Other textile workers | 10,403 | 20,024 | 9,621 | 92.5 |
| Tobacco and cigar factory operatives | 25,853 | 40,325 | 14,472 | 56.0 |
| Other manufacturing and mechanical pursuits | 71,978 | 150,627 | 78,649 | 109.3 |
| Total | 993,029 | 1,258,393 | 265,364 | 26.7 |
| Grand total | 3,712,144 | 5,007,069 | 1,294,925 | 34.9 |

[a] Decrease. [b] Less than one-tenth of 1 per cent.

## No. 126.—STRIKES: ESTABLISHMENTS INVOLVED, STRIKERS, AND EMPLOYEES THROWN OUT OF WORK, 1881 TO 1905.

[From reports of the Bureau of Labor, Department of Commerce and Labor.]

| Calendar year. | Strikes. | Establishments. | | Strikers. | | Employees thrown out of work. | |
|---|---|---|---|---|---|---|---|
| | | Number. | Average per strike. | Number. | Average per strike. | Number. | Average per strike. |
| 1881 | 471 | 2,928 | 6.2 | 101,070 | 215 | 129,521 | 275 |
| 1882 | 454 | 2,105 | 4.6 | 120,860 | 266 | 154,671 | 341 |
| 1883 | 478 | 2,759 | 5.8 | 122,198 | 256 | 149,763 | 313 |
| 1884 | 443 | 2,367 | 5.3 | 117,313 | 265 | 147,054 | 332 |
| 1885 | 645 | 2,284 | 3.5 | 158,584 | 246 | 242,705 | 376 |
| 1886 | 1,432 | 10,053 | 7.0 | 407,152 | 284 | 508,044 | 355 |
| 1887 | 1,436 | 6,589 | 4.6 | 272,776 | 190 | 379,676 | 264 |
| 1888 | 906 | 3,506 | 3.9 | 103,218 | 114 | 147,704 | 163 |
| 1889 | 1,075 | 3,786 | 3.5 | 205,068 | 191 | 249,559 | 232 |
| 1890 | 1,833 | 9,424 | 5.1 | 285,900 | 156 | 351,944 | 192 |
| 1891 | 1,717 | 8,116 | 4.7 | 245,042 | 143 | 298,939 | 174 |
| 1892 | 1,298 | 5,540 | 4.3 | 163,499 | 126 | 206,671 | 159 |
| 1893 | 1,305 | 4,555 | 3.5 | 195,008 | 149 | 265,914 | 204 |
| 1894 | 1,349 | 8,196 | 6.1 | 505,049 | 374 | 660,425 | 490 |
| 1895 | 1,215 | 6,973 | 5.7 | 285,742 | 235 | 392,403 | 323 |
| 1896 | 1,026 | 5,462 | 5.3 | 183,813 | 179 | 241,170 | 235 |
| 1897 | 1,078 | 8,492 | 7.9 | 332,570 | 309 | 408,391 | 379 |
| 1898 | 1,056 | 3,809 | 3.6 | 182,067 | 172 | [a] 249,002 | [a] 236 |
| 1899 | 1,797 | 11,317 | 6.3 | 308,267 | 172 | 417,072 | 232 |
| 1900 | 1,779 | 9,248 | 5.2 | 399,656 | 225 | 505,066 | 284 |
| 1901 | 2,924 | 10,908 | 3.7 | 396,280 | 136 | 543,386 | 186 |
| 1902 | 3,162 | 14,248 | 4.5 | 553,143 | 175 | 659,792 | 209 |
| 1903 | 3,494 | 20,248 | 5.8 | 531,682 | 152 | 656,055 | 188 |
| 1904 | 2,307 | 10,202 | 4.4 | 375,754 | 163 | 517,211 | 224 |
| 1905 | 2,077 | 8,292 | 4.0 | 176,337 | 85 | 221,686 | 107 |
| Total | 36,757 | 181,407 | 4.9 | 6,728,048 | 183 | [a] 8,703,824 | [a] 237 |

[a] Not including 2 strikes involving 33 establishments not reported.

## No. 127.—LOCKOUTS: ESTABLISHMENTS INVOLVED, EMPLOYEES LOCKED OUT, AND EMPLOYEES THROWN OUT OF WORK, 1881 TO 1905.

[From reports of the Bureau of Labor, Department of Commerce and Labor.]

| Calendar year. | Lockouts. | Establishments. | | Employees locked out. | | Employees thrown out of work. | |
|---|---|---|---|---|---|---|---|
| | | Number. | Average per lockout. | Number. | Average per lockout. | Number. | Average per lockout. |
| 1881 | 6 | 9 | 1.5 | 655 | 109 | 655 | 109 |
| 1882 | 22 | 42 | 1.9 | 4,131 | 188 | 4,131 | 188 |
| 1883 | 28 | 117 | 4.2 | 20,512 | 733 | 20,512 | 733 |
| 1884 | 42 | 354 | 8.4 | 18,121 | 431 | 18,121 | 431 |
| 1885 | 50 | 183 | 3.7 | 15,424 | 308 | 15,424 | 308 |
| 1886 | 140 | 1,509 | 10.8 | 101,980 | 728 | 101,980 | 728 |
| 1887 | 67 | 1,281 | 19.1 | 57,534 | 859 | 59,630 | 890 |
| 1888 | 40 | 180 | 4.5 | 13,787 | 345 | 15,176 | 379 |
| 1889 | 36 | 132 | 3.7 | 10,471 | 291 | 10,731 | 298 |
| 1890 | 64 | 324 | 5.1 | 19,233 | 301 | 21,555 | 337 |
| 1891 | 69 | 546 | 7.9 | 14,116 | 205 | 31,014 | 449 |
| 1892 | 61 | 716 | 11.7 | 30,050 | 493 | 32,014 | 525 |
| 1893 | 70 | 305 | 4.4 | 13,016 | 186 | 21,842 | 312 |
| 1894 | 55 | 875 | 15.9 | 28,548 | 519 | 29,619 | 539 |
| 1895 | 40 | 370 | 9.3 | 12,754 | 319 | 14,785 | 370 |
| 1896 | 40 | 51 | 1.3 | 3,675 | 92 | 7,668 | 192 |
| 1897 | 32 | 171 | 5.3 | 7,651 | 239 | 7,763 | 243 |
| 1898 | 42 | 164 | 3.9 | 11,038 | 263 | 14,217 | 339 |
| 1899 | 41 | 323 | 7.9 | 14,698 | 358 | 14,817 | 361 |
| 1900 | 60 | 2,281 | 38.0 | 46,562 | 776 | 62,653 | 1,044 |
| 1901 | 88 | 451 | 5.1 | 16,257 | 185 | 20,457 | 232 |
| 1902 | 78 | 1,304 | 16.7 | 30,804 | 389 | 31,715 | 407 |
| 1903 | 154 | 3,288 | 21.4 | 112,332 | 729 | 131,779 | 856 |
| 1904 | 112 | 2,316 | 20.7 | 44,908 | 401 | 56,604 | 505 |
| 1905 | 109 | 1,255 | 11.5 | 68,474 | 628 | 80,748 | 741 |
| Total | 1,546 | 18,547 | 12.0 | 716,231 | 463 | 825,610 | 534 |

## No. 128.—RESULTS OF STRIKES AND LOCKOUTS: 1881 TO 1905.

[From reports of the Bureau of Labor, Department of Commerce and Labor. This table does not include data relating to establishments in which strike or lockout was pending at the close of some one of the four investigations included in this report and establishments in which result of strike or lockout was not reported.]

| Calendar year. | Strikes. | | | | Lockouts. | | | |
|---|---|---|---|---|---|---|---|---|
| | Total establishments involved. | Per cent of establishments in which strike— | | | Total establishments involved. | Per cent of establishments in which lockout— | | |
| | | Succeeded. | Succeeded partly. | Failed. | | Succeeded. | Succeeded partly. | Failed. |
| 1881 | 2,928 | 61.37 | 7.00 | 31.63 | 9 | 88.89 | 11.11 | ..... |
| 1882 | 2,105 | 53.59 | 8.17 | 38.24 | 42 | 64.29 | ..... | 35.71 |
| 1883 | 2,759 | 58.17 | 16.09 | 25.74 | 117 | 56.41 | ..... | 43.59 |
| 1884 | 2,367 | 51.50 | 3.89 | 44.61 | 354 | 27.97 | .28 | 71.75 |
| 1885 | 2,284 | 52.80 | 9.50 | 37.70 | 183 | 38.25 | 3.28 | 58.47 |
| 1886 | 10,053 | 34.51 | 18.85 | 46.64 | 1,509 | 21.18 | 13.11 | 65.71 |
| 1887 | 6,589 | 45.64 | 7.19 | 47.17 | 1,281 | 34.19 | 1.25 | 64.56 |
| 1888 | 3,506 | 52.22 | 5.48 | 42.30 | 180 | 74.44 | 3.89 | 21.67 |
| 1889 | 3,786 | 46.49 | 18.91 | 34.60 | 132 | 40.91 | 25.76 | 33.33 |
| 1890 | 9,424 | 52.65 | 10.01 | 37.34 | 324 | 65.74 | 5.56 | 28.70 |
| 1891 | 8,116 | 37.88 | 8.29 | 53.83 | 546 | 63.92 | 14.29 | 21.79 |
| 1892 | 5,540 | 39.31 | 8.70 | 51.99 | 716 | 69.13 | 25.28 | 5.59 |
| 1893 | 4,555 | 50.86 | 10.32 | 38.82 | 305 | 41.90 | 18.31 | 39.79 |
| 1894 | 8,196 | 38.09 | 13.50 | 48.41 | 875 | 11.31 | 2.40 | 86.29 |
| 1895 | 6,973 | 55.24 | 9.94 | 34.82 | 370 | 13.24 | .27 | 86.49 |
| 1896 | 5,462 | 59.19 | 7.47 | 33.34 | 51 | 80.39 | 1.96 | 17.65 |
| 1897 | 8,492 | 57.31 | 28.12 | 14.57 | 171 | 60.82 | 3.51 | 35.67 |
| 1898 | 3,809 | 64.21 | 6.38 | 29.41 | 164 | 63.41 | .61 | 35.98 |
| 1899 | 11,317 | 73.24 | 14.25 | 12.51 | 323 | 18.01 | .62 | 81.37 |
| 1900 | 9,248 | 46.43 | 20.62 | 32.95 | 2,281 | 94.30 | .31 | 5.39 |
| 1901 | 10,908 | 48.77 | 17.13 | 34.10 | 451 | 37.03 | 42.13 | 20.84 |
| 1902 | 14,248 | 47.31 | 22.85 | 29.84 | 1,304 | 78.22 | 4.06 | 17.72 |
| 1903 | 20,248 | 40.87 | 23.40 | 35.73 | 3,288 | 81.39 | 5.17 | 13.44 |
| 1904 | 10,202 | 35.28 | 15.28 | 49.44 | 2,316 | 55.91 | 23.06 | 21.03 |
| 1905 | 8,292 | 40.17 | 11.45 | 48.38 | 1,255 | 31.60 | 32.64 | 35.76 |
| Total | 181,407 | 47.94 | 15.28 | 36.78 | 18,547 | 57.20 | 10.71 | 32.09 |

## No. 129.—STRIKES AND ESTABLISHMENTS INVOLVED IN STRIKES ORDERED BY LABOR ORGANIZATIONS AND NOT SO ORDERED: 1881 TO 1905.

[From reports of the Bureau of Labor, Department of Commerce and Labor. This table does not include data relating to strikes not reported whether ordered or not ordered.]

| Calendar year. | Strikes— | | | | Establishments involved in strikes— | | | |
|---|---|---|---|---|---|---|---|---|
| | Ordered by labor organization. | | Not ordered by labor organization. | | Ordered by labor organization. | | Not ordered by labor organization. | |
| | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. |
| 1881 | 223 | 47.35 | 248 | 52.65 | 2,251 | 76.88 | 677 | 23.12 |
| 1882 | 220 | 48.46 | 234 | 51.54 | 1,604 | 76.20 | 501 | 23.80 |
| 1883 | 271 | 56.69 | 207 | 43.31 | 2,338 | 84.74 | 421 | 15.26 |
| 1884 | 240 | 54.18 | 203 | 45.82 | 1,967 | 83.10 | 400 | 16.90 |
| 1885 | 357 | 55.35 | 288 | 44.65 | 1,663 | 72.81 | 621 | 27.19 |
| 1886 | 763 | 53.28 | 669 | 46.72 | 8,834 | 87.87 | 1,219 | 12.13 |
| 1887 | 952 | 66.34 | 483 | 33.66 | 5,746 | 87.22 | 842 | 12.78 |
| 1888 | 616 | 68.14 | 288 | 31.86 | 3,064 | 87.44 | 440 | 12.56 |
| 1889 | 724 | 67.35 | 351 | 32.65 | 3,019 | 79.74 | 767 | 20.26 |
| 1890 | 1,306 | 71.33 | 525 | 28.67 | 8,534 | 90.58 | 888 | 9.42 |
| 1891 | 1,284 | 74.83 | 432 | 25.17 | 7,379 | 92.00 | 642 | 8.00 |
| 1892 | 918 | 70.72 | 380 | 29.28 | 5,050 | 91.16 | 490 | 8.84 |
| 1893 | 906 | 69.43 | 399 | 30.57 | 4,005 | 87.93 | 550 | 12.07 |
| 1894 | 847 | 62.83 | 501 | 37.17 | 7,271 | 88.72 | 924 | 11.28 |
| 1895 | 658 | 54.25 | 555 | 45.75 | 6,100 | 87.51 | 871 | 12.49 |
| 1896 | 662 | 64.59 | 363 | 35.41 | 4,913 | 89.97 | 548 | 10.03 |
| 1897 | 596 | 55.29 | 482 | 44.71 | 7,798 | 91.83 | 694 | 8.17 |
| 1898 | 638 | 60.42 | 418 | 39.58 | 3,220 | 84.54 | 589 | 15.46 |
| 1899 | 1,115 | 62.05 | 682 | 37.95 | 10,439 | 92.24 | 878 | 7.76 |
| 1900 | 1,164 | 65.43 | 615 | 34.57 | 8,422 | 91.07 | 826 | 8.93 |
| 1901 | 2,218 | 75.85 | 706 | 24.15 | 10,032 | 91.97 | 876 | 8.03 |
| 1902 | 2,474 | 78.24 | 688 | 21.76 | 13,413 | 94.14 | 835 | 5.86 |
| 1903 | 2,754 | 78.82 | 740 | 21.18 | 19,334 | 95.49 | 914 | 4.51 |
| 1904 | 1,895 | 82.14 | 412 | 17.86 | 9,735 | 95.42 | 467 | 4.58 |
| 1905 | 1,552 | 74.72 | 525 | 25.28 | 7,664 | 92.43 | 628 | 7.57 |
| Total | 25,353 | 68.99 | 11,394 | 31.01 | 163,795 | 90.34 | 17,508 | 9.66 |

## No. 130.—STRIKERS AND EMPLOYEES THROWN OUT OF WORK IN ESTABLISHMENTS INVOLVED IN STRIKES ORDERED BY LABOR ORGANIZATIONS AND NOT SO ORDERED: CALENDAR YEARS 1881 TO 1905.

[From reports of the Bureau of Labor, Department of Commerce and Labor. This table does not include data relating to strikes not reported whether ordered or not ordered.]

| Calendar year. | Strikers in strikes— | | | | Employees thrown out of work in establishments involved in strikes— | | | |
|---|---|---|---|---|---|---|---|---|
| | Ordered by labor organization. | | Not ordered by labor organization. | | Ordered by labor organization. | | Not ordered by labor organization. | |
| | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. |
| 1881 | 61,564 | 60.91 | 39,506 | 39.09 | 72,751 | 56.17 | 56,770 | 43.83 |
| 1882 | 83,708 | 69.26 | 37,152 | 30.74 | 100,461 | 64.95 | 54,210 | 35.05 |
| 1883 | 88,062 | 72.07 | 34,136 | 27.93 | 99,511 | 66.45 | 50,252 | 33.55 |
| 1884 | 75,069 | 63.99 | 42,244 | 36.01 | 88,960 | 60.49 | 58,094 | 39.51 |
| 1885 | 107,481 | 67.78 | 51,103 | 32.22 | 162,871 | 67.11 | 79,834 | 32.89 |
| 1886 | 312,216 | 76.68 | 94,936 | 23.32 | 381,056 | 75.00 | 126,988 | 25.00 |
| 1887 | 194,556 | 71.33 | 78,216 | 28.67 | 279,722 | 73.67 | 99,950 | 26.33 |
| 1888 | 71,599 | 69.41 | 31,555 | 30.59 | 108,182 | 73.32 | 39,374 | 26.68 |
| 1889 | 156,469 | 76.30 | 48,599 | 23.70 | 192,526 | 77.15 | 57,033 | 22.85 |
| 1890 | 221,177 | 77.43 | 64,481 | 22.57 | 264,142 | 75.10 | 87,560 | 24.90 |
| 1891 | 191,440 | 80.42 | 46,602 | 19.58 | 226,437 | 77.56 | 65,502 | 22.44 |
| 1892 | 127,103 | 77.74 | 36,396 | 22.26 | 159,326 | 77.09 | 47,345 | 22.91 |
| 1893 | 151,500 | 77.69 | 43,508 | 22.31 | 200,808 | 75.52 | 65,106 | 24.48 |
| 1894 | 437,972 | 86.73 | 67,017 | 13.27 | 564,099 | 85.43 | 96,236 | 14.57 |
| 1895 | 209,040 | 73.18 | 76,622 | 26.82 | 271,547 | 69.22 | 120,771 | 30.78 |
| 1896 | 137,040 | 74.56 | 46,758 | 25.44 | 174,280 | 72.27 | 66,865 | 27.73 |
| 1897 | 256,547 | 77.14 | 76,023 | 22.86 | 301,845 | 73.91 | 106,546 | 26.09 |
| 1898 | 127,479 | 70.02 | 54,588 | 29.98 | [a]172,107 | [a]69.12 | 76,895 | 30.88 |
| 1899 | 232,811 | 75.52 | 75,456 | 24.48 | 296,694 | 71.14 | 120,378 | 28.86 |
| 1900 | 344,418 | 86.18 | 55,288 | 13.82 | 406,253 | 80.44 | 98,813 | 19.56 |
| 1901 | 336,167 | 84.83 | 60,113 | 15.17 | 450,595 | 82.92 | 92,791 | 17.08 |
| 1902 | 496,175 | 89.70 | 56,968 | 10.30 | 580,598 | 88.00 | 79,194 | 12.00 |
| 1903 | 456,065 | 85.78 | 75,617 | 14.22 | 549,020 | 83.69 | 107,035 | 16.31 |
| 1904 | 345,328 | 91.90 | 30,426 | 8.10 | 468,715 | 90.62 | 48,496 | 9.38 |
| 1905 | 134,530 | 76.29 | 41,807 | 23.71 | 162,767 | 73.42 | 58,919 | 26.58 |
| Total | 5,355,516 | 79.69 | 1,365,067 | 20.31 | [a]6,735,273 | [a]77.45 | 1,960,957 | 22.55 |

[a] Not including 33 establishments not reported.

## No. 131.—RESULTS OF STRIKES ORDERED BY LABOR ORGANIZATIONS AND NOT SO ORDERED: 1881 TO 1905.

[From reports of the Bureau of Labor, Department of Commerce and Labor. This table does not include data relating to strikes not reported, whether ordered or not ordered, establishments in which strike was pending at the close of some one of the four investigations included in this report, and establishments in which result of strike was not reported.]

| Calendar year. | Per cent of establishments in which strike ordered by labor organization— | | | Per cent of establishments in which strike not ordered by labor organization— | | |
|---|---|---|---|---|---|---|
| | Succeeded. | Succeeded partly. | Failed. | Succeeded. | Succeeded partly. | Failed. |
| 1881 | 64.99 | 6.71 | 28.30 | 49.33 | 7.98 | 42.69 |
| 1882 | 56.36 | 9.54 | 34.10 | 44.71 | 3.79 | 51.50 |
| 1883 | 64.07 | 18.31 | 17.62 | 25.42 | 3.80 | 70.78 |
| 1884 | 55.62 | 3.25 | 41.13 | 31.25 | 7.00 | 61.75 |
| 1885 | 62.42 | 10.58 | 27.00 | 27.05 | 6.60 | 66.35 |
| 1886 | 33.46 | 20.48 | 46.06 | 42.07 | 7.07 | 50.86 |
| 1887 | 48.36 | 7.19 | 44.45 | 27.08 | 7.24 | 65.68 |
| 1888 | 56.17 | 4.99 | 38.84 | 25.00 | 8.86 | 66.14 |
| 1889 | 45.61 | 21.37 | 33.02 | 49.93 | 9.26 | 40.81 |
| 1890 | 53.99 | 10.17 | 35.84 | 39.86 | 8.45 | 51.69 |
| 1891 | 38.46 | 8.10 | 53.44 | 36.76 | 11.68 | 51.56 |
| 1892 | 39.38 | 8.75 | 51.92 | 39.19 | 8.16 | 52.65 |
| 1893 | 53.94 | 10.89 | 35.17 | 28.42 | 6.19 | 65.39 |
| 1894 | 37.35 | 13.67 | 48.98 | 43.94 | 12.12 | 43.94 |
| 1895 | 59.25 | 10.05 | 30.70 | 27.21 | 9.18 | 63.61 |
| 1896 | 62.47 | 6.55 | 30.98 | 29.93 | 15.69 | 54.38 |
| 1897 | 59.67 | 29.51 | 10.82 | 30.83 | 12.54 | 56.63 |
| 1898 | 69.74 | 6.15 | 24.11 | 33.96 | 7.64 | 58.40 |
| 1899 | 76.33 | 14.19 | 9.48 | 36.56 | 14.92 | 48.52 |
| 1900 | 48.06 | 21.95 | 29.99 | 29.94 | 7.03 | 63.03 |
| 1901 | 50.36 | 17.19 | 32.45 | 30.59 | 16.44 | 52.97 |
| 1902 | 48.31 | 23.72 | 27.97 | 31.38 | 8.74 | 59.88 |
| 1903 | 41.72 | 23.77 | 34.51 | 22.86 | 15.43 | 61.71 |
| 1904 | 35.75 | 15.59 | 48.66 | 25.48 | 8.78 | 65.74 |
| 1905 | 41.58 | 11.30 | 47.12 | 24.04 | 13.22 | 62.74 |
| Total | 49.48 | 15.87 | 34.65 | 33.86 | 9.83 | 56.31 |

## No. 132.—SUMMARY OF STRIKES: CALENDAR YEARS 1881 TO 1905, BY CAUSES.

[From the reports of the Bureau of Labor, Department of Commerce and Labor. This table shows statistics for strikes due solely to each cause, and also for strikes in which each cause was only a partial or contributing cause. A strike due to several causes (each of which was a partial or contributing cause) has been entered under each of the causes involved, and because of this repetition no total can be made from the figures shown in this table. The totals entered in the box headings are taken from tables in which each strike was counted but once.]

| Cause or object. | Strikes. | | Establishments involved. | | Number of establishments in which strike— | | |
|---|---|---|---|---|---|---|---|
| | Number. | Per cent of total (36,757). | Number. | Per cent of total (181,407). | Succeeded. | Succeeded partly. | Failed. |
| For increase of wages | 11,851 | 32.24 | 60,359 | 33.27 | [a]30,142 | [a]11,277 | [a]18,922 |
| For increase of wages combined with various causes | 3,117 | 8.48 | 44,700 | 24.64 | [b]20,947 | [b]11,251 | [b]12,491 |
| Against reduction of wages | 4,067 | 11.06 | 10,536 | 5.81 | [c]3,669 | [c]1,337 | [c]5,492 |
| Against reduction of wages combined with various causes | 308 | .84 | 2,884 | 1.59 | 1,944 | 179 | 761 |
| For reduction of hours | 1,797 | 4.89 | 17,747 | 9.78 | [d]8,775 | [d]1,745 | [d]6,790 |
| For reduction of hours combined with various causes | 1,797 | 4.89 | 33,721 | 18.59 | [e]17,653 | [e]7,394 | [e]8,673 |
| Against increase of hours | 199 | .54 | 817 | .45 | 409 | 105 | 303 |
| Against increase of hours combined with various causes | 56 | .15 | 1,123 | .62 | 691 | 69 | 363 |
| Concerning recognition of union and union rules | 6,926 | 18.84 | 18,614 | 10.26 | [f]10,307 | [f]305 | [f]7,966 |
| Concerning recognition of union and union rules combined with various causes | 1,658 | 4.51 | 20,000 | 11.02 | [g]7,730 | [g]4,916 | [g]7,350 |
| Concerning employment of certain persons [h] | 2,693 | 7.33 | 4,139 | 2.28 | 1,027 | 68 | 3,044 |
| Concerning employment of certain persons [h] combined with various causes | 424 | 1.15 | 1,037 | .57 | 301 | 191 | 545 |
| Concerning employees working out of regular occupation | 315 | .86 | 559 | .31 | 280 | 12 | 267 |
| Concerning employees working out of regular occupation combined with various causes | 27 | .07 | 191 | .11 | 63 | 114 | 14 |
| Concerning overtime work and pay | 238 | .65 | 574 | .32 | 291 | 43 | 240 |
| Concerning overtime work and pay combined with various causes | 252 | .69 | 3,605 | 1.99 | 2,174 | 787 | 644 |
| Concerning method and time of payment | 342 | .93 | 953 | .53 | 377 | 31 | 545 |
| Concerning method and time of payment combined with various causes | 196 | .53 | 2,170 | 1.20 | 1,202 | 599 | 369 |
| Concerning Saturday part holiday | 82 | .22 | 266 | .15 | 116 | 4 | 146 |
| Concerning Saturday part holiday combined with various causes | 150 | .41 | 4,774 | 2.63 | [i]2,487 | [i]1,118 | [i]1,163 |
| Concerning docking, fines, and charges | 308 | .84 | 449 | .25 | 218 | 38 | 193 |
| Concerning docking, fines, and charges combined with various causes | 80 | .22 | 725 | .40 | 160 | 431 | 134 |
| Concerning working conditions and rules [h] | 922 | 2.51 | 3,089 | 1.70 | 1,286 | 123 | 1,680 |
| Concerning working conditions and rules [h] combined with various causes | 275 | .75 | 4,537 | 2.50 | 2,316 | 953 | 1,268 |
| In sympathy with strikers and employees locked out elsewhere | 1,346 | 3.66 | 6,361 | 3.51 | [j]1,315 | [j]177 | [j]4,866 |
| In sympathy with strikers and employees locked out elsewhere combined with various causes | 31 | .08 | 521 | .29 | 58 | 29 | 434 |
| Other causes (not above specified) | 1,624 | 4.42 | 3,391 | 1.87 | [g]2,058 | [g]220 | [g]1,109 |
| Other causes combined with various above-specified causes | 272 | .74 | 1,922 | 1.06 | 844 | 503 | 575 |

[a] Not including 11 establishments in which strike was pending at the close of some one of the four investigations included in this report and 7 establishments not reported.
[b] Not including 11 establishments in which strike was pending at the close of some one of the four investigations included in this report.
[c] Not including 38 establishments in which strike was pending at the close of some one of the four investigations included in this report.
[d] Not including 437 establishments in which strike was pending at the close of some one of the four investigations included in this report.
[e] Not including 1 establishment in which strike was pending at the close of some one of the four investigations included in this report.
[f] Not including 36 establishments in which strike was pending at the close of some one of the four investigations included in this report.
[g] Not including 4 establishments in which strike was pending at the close of some one of the four investigations included in this report.
[h] Not involving union rules.
[i] Not including 6 establishments in which strike was pending at the close of some one of the four investigations included in this report.
[j] Not including 3 establishments not reported.

No. 132.—SUMMARY OF STRIKES, CALENDAR YEARS 1881 TO 1905, BY CAUSES—Con.

| Cause or object. | Per cent of establishments in which strike— | | | Strikers. | | Employees thrown out of work. | |
|---|---|---|---|---|---|---|---|
| | Succeeded. | Succeeded partly. | Failed. | Number. | Per cent of total (6,728,048). | Number. | Per cent of total ([a]8,703,824). |
| For increase of wages | [b]49.95 | [b]18.69 | [b]31.36 | 2,212,195 | 32.88 | 2,940,804 | 33.79 |
| For increase of wages combined with various causes | [c]46.87 | [c]25.18 | [b]27.95 | 1,331,158 | 19.79 | 1,598,199 | 18.36 |
| Against reduction of wages | [d]34.95 | [d]12.74 | [d]52.31 | 856,947 | 12.74 | 1,158,485 | 13.31 |
| Against reduction of wages combined with various causes | 67.40 | 6.21 | 26.39 | 99,698 | 1.48 | 134,744 | 1.55 |
| For reduction of hours | [e]50.69 | [e]10.08 | [e]39.23 | 389,876 | 5.79 | 514,496 | 5.91 |
| For reduction of hours combined with various causes | [f]52.35 | [f]21.93 | [f]25.72 | 850,694 | 12.64 | 1,004,135 | 11.54 |
| Against increase of hours | 50.06 | 12.85 | 37.09 | 65,883 | .98 | 82,808 | .95 |
| Against increase of hours combined with various causes | 61.53 | 6.15 | 32.32 | 22,164 | .33 | 28,686 | .33 |
| Concerning recognition of union and union rules | [g]55.48 | [g]1.64 | [g]42.88 | 610,088 | 9.07 | [h]743,523 | 8.54 |
| Concerning recognition of union and union rules combined with various causes | [i]38.66 | [i]24.58 | [i]36.76 | 795,727 | 11.83 | 896,814 | 10.30 |
| Concerning employment of certain persons[j] | 24.81 | 1.64 | 73.55 | 287,883 | 4.28 | [k]402,339 | 4.62 |
| Concerning employment of certain persons[j] combined with various causes | 29.03 | 18.42 | 52.55 | 139,767 | 2.08 | 163,268 | 1.88 |
| Concerning employees working out of regular occupation | 50.09 | 2.15 | 47.76 | 29,112 | .43 | 36,556 | .42 |
| Concerning employees working out of regular occupation combined with various causes | 32.98 | 59.69 | 7.33 | 4,220 | .06 | 6,079 | .07 |
| Concerning overtime work and pay | 50.70 | 7.49 | 41.81 | 22,857 | .34 | 30,639 | .35 |
| Concerning overtime work and pay combined with various causes | 60.31 | 21.83 | 17.86 | 74,957 | 1.11 | 101,918 | 1.17 |
| Concerning method and time of payment | 39.56 | 3.25 | 57.19 | 69,025 | 1.03 | 80,918 | .93 |
| Concerning method and time of payment combined with various causes | 55.39 | 27.60 | 17.01 | 235,668 | 3.50 | 251,995 | 2.90 |
| Concerning Saturday part holiday | 43.61 | 1.50 | 54.89 | 6,154 | .09 | 7,622 | .09 |
| Concerning Saturday part holiday combined with various causes | [l]52.16 | [l]23.45 | [l]24.39 | 62,916 | .94 | 69,244 | .80 |
| Concerning docking, fines, and charges | 48.55 | 8.46 | 42.99 | 42,228 | .63 | 61,952 | .71 |
| Concerning docking, fines, and charges combined with various causes | 22.07 | 59.45 | 18.48 | 171,404 | 2.55 | 177,740 | 2.04 |
| Concerning working conditions and rules[j] | 41.63 | 3.98 | 54.39 | 112,705 | 1.68 | 150,769 | 1.73 |
| Concerning working conditions and rules[j] combined with various causes | 51.05 | 21.00 | 27.95 | 101,664 | 1.51 | 131,990 | 1.52 |
| In sympathy with strikers and employees locked out elsewhere | [m]20.68 | [m]2.79 | [m]76.53 | 259,316 | 3.85 | 373,968 | 4.30 |
| In sympathy with strikers and employees locked out elsewhere combined with various causes | 11.13 | 5.57 | 83.30 | 18,420 | .27 | 21,079 | .24 |
| Other causes (not specified above) | [i]60.76 | [i]6.50 | [i]32.74 | 194,057 | 2.88 | 233,584 | 2.68 |
| Other causes combined with various above-specified causes | 43.91 | 26.17 | 29.92 | 106,161 | 1.58 | 144,844 | 1.66 |

[a] Not including 33 establishments not reported.
[b] Not including 11 establishments in which strike was pending at the close of some one of the four investigations included in this report and 7 establishments not reported.
[c] Not including 11 establishments in which strike was pending at the close of some one of the four investigations included in this report.
[d] Not including 38 establishments in which strike was pending at the close of some one of the four investigations included in this report.
[e] Not including 437 establishments in which strike was pending at the close of some one of the four investigations included in this report.
[f] Not including 1 establishment in which strike was pending at the close of some one of the four investigations included in this report.
[g] Not including 36 establishments in which strike was pending at the close of some one of the four investigations included in this report.
[h] Not including 21 establishments not reported.
[i] Not including 4 establishments in which strike was pending at the close of some one of the four investigations included in this report.
[j] Not involving union rules.
[k] Not including 12 establishments not reported.
[l] Not including 6 establishments in which strike was pending at the close of some one of the four investigations included in this report.
[m] Not including 3 establishments not reported.

## No. 133.—SUMMARY OF LOCKOUTS: CALENDAR YEARS 1881 TO 1905, BY CAUSES.

[From reports of the Bureau of Labor, Department of Commerce and Labor. This table shows statistics for lockouts due solely to each cause and also for lockouts in which each cause was only a partial or contributing cause. A lockout due to several causes (each of which was a partial or contributing cause) has been entered under each of the causes involved, and because of this repetition no total can be made from the figures shown in this table. The totals entered in the box headings are taken from tables in which each lockout was counted but once.]

| Cause or object. | Lockouts. | | Establishments involved. | | Number of establishments in which lockout— | | |
|---|---|---|---|---|---|---|---|
| | Number. | Per cent of total (1,546). | Number. | Per cent of total (18,547). | Succeeded. | Succeeded partly. | Failed. |
| Against demand for increase of wages | 185 | 11.97 | 1,345 | 7.25 | 508 | 310 | 527 |
| Against demand for increase of wages combined with various causes | 63 | 4.08 | 647 | 3.49 | 331 | 76 | 240 |
| To enforce reduction of wages | 199 | 12.87 | 1,064 | 5.74 | [a]292 | [a]482 | [a]289 |
| To enforce reduction of wages combined with various causes | 21 | 1.36 | 135 | .73 | 34 | 5 | 96 |
| Against demand for reduction of hours | 64 | 4.14 | 241 | 1.30 | 173 | 16 | 52 |
| Against demand for reduction of hours combined with various causes | 34 | 2.20 | 295 | 1.59 | 84 | 157 | 54 |
| To enforce increase of hours | 37 | 2.39 | 260 | 1.40 | 209 | ..... | 51 |
| To enforce increase of hours combined with various causes | 5 | .32 | 28 | .15 | 26 | ..... | 2 |
| Concerning recognition of union and union rules and employers' organization | 669 | 43.27 | 8,345 | 44.99 | [b]5,798 | [b]349 | [b]2,051 |
| Concerning recognition of union and union rules and employers' organization combined with various causes | 70 | 4.53 | 1,417 | 7.64 | 321 | 162 | 934 |
| Concerning employment of certain persons[c] | 30 | 1.94 | 49 | .26 | 46 | ..... | 3 |
| Concerning employment of certain persons[c] combined with various causes | 5 | .32 | 9 | .05 | 8 | 1 | ..... |
| Concerning employees working out of regular occupation | 5 | .32 | 8 | .04 | 7 | ..... | 1 |
| Concerning employees working out of regular occupation combined with various causes | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Concerning overtime work and pay | 5 | .32 | 44 | .24 | 1 | ..... | 43 |
| Concerning overtime work and pay combined with various causes | 3 | .19 | 4 | .02 | 3 | 1 | ..... |
| Concerning method and time of payment | 6 | .39 | 9 | .05 | 6 | ..... | 3 |
| Concerning method and time of payment combined with various causes | 2 | .13 | 2 | .01 | 2 | ..... | ..... |
| Concerning Saturday part holiday | 9 | .58 | 80 | .43 | 5 | ..... | 75 |
| Concerning Saturday part holiday combined with various causes | 2 | .13 | 8 | .04 | 1 | 7 | ..... |
| Concerning docking, fines, and charges | 5 | .32 | 9 | .05 | 5 | 2 | 2 |
| Concerning docking, fines, and charges combined with various causes | 1 | .06 | 1 | .01 | ..... | ..... | 1 |
| Concerning working conditions and rules[c] | 55 | 3.56 | 704 | 3.80 | 44 | 63 | 597 |
| Concerning working conditions and rules[c] combined with various causes | 14 | .91 | 73 | .39 | 30 | 5 | 38 |
| In sympathy with lockout and against strike elsewhere | 73 | 4.72 | 1,843 | 9.94 | 1,378 | 165 | 300 |
| In sympathy with lockout and against strike elsewhere combined with various causes | 1 | .06 | 700 | 3.77 | ..... | ..... | 700 |
| Other causes (not above specified) | 91 | 5.89 | 2,869 | 15.47 | 1,635 | 375 | 859 |
| Other causes combined with various above-specified causes | 16 | 1.03 | 109 | .59 | 33 | 25 | 51 |

[a] Not including 1 establishment in which lockout was pending at the close of some one of the four investigations included in this report.

[b] Not including 147 establishments in which lockout was pending at the close of some one of the four investigations included in this report.

[c] Not involving union rules.

No. 133.—Summary of Lockouts, Calendar Years 1881 to 1905, by Causes—Continued.

| Cause or object. | Per cent of establishments in which lockout— | | | Employees locked out. | | Employees thrown out of work. | |
|---|---|---|---|---|---|---|---|
| | Succeeded. | Succeeded partly. | Failed. | Number. | Per cent of total (716,231). | Number. | Per cent of total (825,610). |
| Against demand for increase of wages | 37.77 | 23.05 | 39.18 | 75,714 | 10.57 | 83,420 | 10.10 |
| Against demand for increase of wages combined with various causes | 51.16 | 11.75 | 37.09 | 20,600 | 2.88 | 21,236 | 2.57 |
| To enforce reduction of wages | [a]27.47 | [a]45.34 | [a]27.19 | 101,412 | 14.16 | 111,261 | 13.48 |
| To enforce reduction of wages combined with various causes | 25.19 | 3.70 | 71.11 | 5,949 | .83 | 6,694 | .81 |
| Against demand for reduction of hours | 71.78 | 6.64 | 21.58 | 14,262 | 1.99 | 14,919 | 1.81 |
| Against demand for reduction of hours combined with various causes | 28.47 | 53.22 | 18.31 | 8,268 | 1.15 | 9,229 | 1.12 |
| To enforce increase of hours | 80.38 | ..... | 19.62 | 21,703 | 3.03 | 22,371 | 2.71 |
| To enforce increase of hours combined with various causes | 92.86 | ..... | 7.14 | 1,013 | .14 | 1,519 | .18 |
| Concerning recognition of union and union rules and employers' organization | [b]70.72 | [b]4.26 | [b]25.02 | 231,562 | 32.33 | 301,948 | 36.57 |
| Concerning recognition of union and union rules and employers' organization combined with various causes | 22.65 | 11.43 | 65.92 | 46,124 | 6.44 | 48,699 | 5.90 |
| Concerning employment of certain persons[c] | 93.88 | ..... | 6.12 | 6,733 | .94 | 7,783 | .94 |
| Concerning employment of certain persons[c] combined with various causes | 88.89 | 11.11 | ..... | 3,979 | .56 | 3,979 | .48 |
| Concerning employees working out of regular occupation | 87.50 | ..... | 12.50 | 748 | .10 | 948 | .11 |
| Concerning overtime work and pay | 2.27 | ..... | 97.73 | 1,210 | .17 | 1,225 | .15 |
| Concerning overtime work and pay combined with various causes | 75.00 | 25.00 | ..... | 744 | .10 | 744 | .09 |
| Concerning method and time of payment | 66.67 | ..... | 33.33 | 285 | .04 | 298 | .04 |
| Concerning method and time of payment combined with various causes | 100.00 | ..... | ..... | 349 | .05 | 349 | .04 |
| Concerning Saturday part holiday | 6.25 | ..... | 93.75 | 2,439 | .34 | 2,708 | .33 |
| Concerning Saturday part holiday combined with various causes | 12.50 | 87.50 | ..... | 815 | .11 | 815 | .10 |
| Concerning docking, fines, and charges | 55.56 | 22.22 | 22.22 | 366 | .05 | 405 | .05 |
| Concerning docking, fines, and charges combined with various causes | ..... | ..... | 100.00 | 39 | .01 | 39 | [d] |
| Concerning working conditions and rules[c] | 6.25 | 8.95 | 84.80 | 13,868 | 1.94 | 14,666 | 1.78 |
| Concerning working conditions and rules[c] combined with various causes | 41.10 | 6.85 | 52.05 | 3,652 | .51 | 4,790 | .58 |
| In sympathy with lockout and against strike elsewhere | 74.77 | 8.95 | 16.28 | 70,275 | 9.81 | 75,276 | 9.12 |
| In sympathy with lockout and against strike elsewhere combined with various causes | ..... | ..... | 100.00 | 30,095 | 4.20 | 30,095 | 3.65 |
| Other causes (not above specified) | 56.99 | 13.07 | 29.94 | 114,732 | 16.02 | 124,293 | 15.05 |
| Other causes combined with various above-specified causes | 30.27 | 22.94 | 46.79 | 3,006 | .42 | 3,208 | .39 |

[a] Not including 1 establishment in which lockout was pending at the close of some one of the four investigations included in this report.

[b] Not including 147 establishments in which lockout was pending at the close of some one of the four investigations included in this report.

[c] Not involving union rules.

[d] Less than 0.01 per cent.

## No. 134.—WAGES AND HOURS OF LABOR: RELATIVE EMPLOYEES, HOURS PER WEEK, WAGES PER HOUR, FULL-TIME WEEKLY EARNINGS PER EMPLOYEE, RETAIL PRICES OF FOOD, AND PURCHASING POWER OF HOURLY WAGES AND OF FULL-TIME WEEKLY EARNINGS PER EMPLOYEE, MEASURED BY RETAIL PRICES OF FOOD, 1890 TO 1907.

[From reports of the Bureau of Labor, Department of Commerce and Labor. This table summarizes wages and hours of labor in leading wage-working occupations from data taken from the records of 4,034 establishments in the principal manufacturing and mechanical industries and also retail prices of the principal articles of food from data taken from the records of 903 retail merchants. This table does not include data for salaried employees in any industry. Relative numbers are computed on the basis of average for 1890–1899=100.]

| Calendar year. | Employees. | Hours per week. | Wages per hour. | Full-time weekly earnings per employee. | Retail prices of food weighted according to family consumption. | Purchasing power measured by retail prices of food, of— | |
|---|---|---|---|---|---|---|---|
| | | | | | | Hourly wages. | Full-time weekly earnings per employee. |
| | *Per cent.* | *Per cent.* | *Per cent.* | *Per cent.* | *Per cent.* | *Per cent.* | *Per cent.* |
| 1890 | 94.8 | 100.7 | 100.3 | 101.0 | 102.4 | 97.9 | 98.6 |
| 1891 | 97.3 | 100.5 | 100.3 | 100.8 | 103.8 | 96.6 | 97.1 |
| 1892 | 99.2 | 100.5 | 100.8 | 101.3 | 101.9 | 98.9 | 99.4 |
| 1893 | 99.4 | 100.3 | 100.9 | 101.2 | 104.4 | 96.6 | 96.9 |
| 1894 | 94.1 | 99.8 | 97.9 | 97.7 | 99.7 | 98.2 | 98.0 |
| 1895 | 96.4 | 100.1 | 98.3 | 98.4 | 97.8 | 100.5 | 100.6 |
| 1896 | 98.6 | 99.8 | 99.7 | 99.5 | 95.5 | 104.4 | 104.2 |
| 1897 | 100.9 | 99.6 | 99.6 | 99.2 | 96.3 | 103.4 | 103.0 |
| 1898 | 106.4 | 99.7 | 100.2 | 99.9 | 98.7 | 101.5 | 101.2 |
| 1899 | 112.1 | 99.2 | 102.0 | 101.2 | 99.5 | 102.5 | 101.7 |
| 1900 | 115.6 | 98.7 | 105.5 | 104.1 | 101.1 | 104.4 | 103.0 |
| 1901 | 119.1 | 98.1 | 108.0 | 105.9 | 105.2 | 102.7 | 100.7 |
| 1902 | 123.6 | 97.3 | 112.2 | 109.2 | 110.9 | 101.2 | 98.5 |
| 1903 | 126.5 | 96.6 | 116.3 | 112.3 | 110.3 | 105.4 | 101.8 |
| 1904 | 125.7 | 95.9 | 117.0 | 112.2 | 111.7 | 104.7 | 100.4 |
| 1905 | 133.6 | 95.9 | 118.9 | 114.0 | 112.4 | 105.8 | 101.4 |
| 1906 | 142.9 | 95.4 | 124.2 | 118.5 | 115.7 | 107.3 | 102.4 |
| 1907 | 144.4 | 95.0 | 128.8 | 122.4 | 120.6 | 106.8 | 101.5 |

**No. 135.—WAGES AND HOURS OF LABOR:** PER CENT OF INCREASE (+) OR DECREASE (−) IN 1907, AS COMPARED WITH PREVIOUS YEARS, IN EMPLOYEES, HOURS PER WEEK, WAGES PER HOUR, FULL-TIME WEEKLY EARNINGS PER EMPLOYEE, RETAIL PRICES OF FOOD, AND PURCHASING POWER OF HOURLY WAGES AND OF FULL-TIME WEEKLY EARNINGS PER EMPLOYEE, MEASURED BY RETAIL PRICES OF FOOD, 1890 TO 1907.

[From reports of the Bureau of Labor, Department of Commerce and Labor. Computed from the relative figures shown on page 233.]

| Calendar year. | Per cent of increase (+) or decrease (−) in 1907 as compared with previous years. | | | | | | |
|---|---|---|---|---|---|---|---|
| | Employees. | Hours per week. | Wages per hour. | Full-time weekly earnings per employee. | Retail prices of food, weighted according to family consumption. | Purchasing power, measured by retail prices of food, of— | |
| | | | | | | Hourly wages. | Full-time weekly earnings per employee. |
| Average 1890-1899 | +44.4 | −5.0 | +28.8 | +22.4 | +20.6 | + 6.8 | +1.5 |
| 1890 | +52.3 | −5.7 | +28.4 | +21.2 | +17.8 | + 9.1 | +2.9 |
| 1891 | +48.4 | −5.5 | +28.4 | +21.4 | +16.2 | +10.6 | +4.5 |
| 1892 | +45.6 | −5.5 | +27.8 | +20.8 | +18.4 | + 8.0 | +2.1 |
| 1893 | +45.3 | −5.3 | +27.7 | +20.9 | +15.5 | +10.6 | +4.7 |
| 1894 | +53.5 | −4.8 | +31.6 | +25.3 | +21.0 | + 8.8 | +3.6 |
| 1895 | +49.8 | −5.1 | +31.0 | +24.4 | +23.3 | + 6.6 | + .9 |
| 1896 | +46.5 | −4.8 | +29.2 | +23.0 | +26.3 | + 2.3 | −2.6 |
| 1897 | +43.1 | −4.6 | +29.3 | +23.4 | +25.2 | + 3.3 | −1.5 |
| 1898 | +35.7 | −4.7 | +28.5 | +22.5 | +22.2 | + 5.2 | + .3 |
| 1899 | +28.8 | −4.2 | +26.3 | +20.9 | +21.2 | + 4.2 | − .2 |
| 1900 | +24.9 | −3.7 | +22.1 | +17.6 | +19.3 | + 2.3 | −1.5 |
| 1901 | +21.2 | −3.2 | +19.3 | +15.6 | +14.6 | + 4.0 | + .8 |
| 1902 | +16.8 | −2.4 | +14.8 | +12.1 | + 8.7 | + 5.5 | +3.0 |
| 1903 | +14.2 | −1.7 | +10.7 | + 9.0 | + 9.3 | + 1.3 | − .3 |
| 1904 | +14.9 | − .9 | +10.1 | + 9.1 | + 8.0 | + 2.0 | +1.1 |
| 1905 | + 8.1 | − .9 | + 8.3 | + 7.4 | + 7.3 | + .9 | + .1 |
| 1906 | + 1.0 | − .4 | + 3.7 | + 3.3 | + 4.2 | − .5 | − .9 |

## No. 136.—AVERAGE WAGES AND HOURS OF LABOR OF BRICKLAYERS IN BUILDING TRADES: CALENDAR YEARS 1906 AND 1907, BY PRINCIPAL CITIES.

[From Bulletin No. 77 of the Bureau of Labor, Department of Commerce and Labor. Bulletin No. 77 presents similar statements for other principal occupations.]

| Locality. | Number of establishments. | Number of employees. | | Average hours per week. | | Average wages per hour. | |
|---|---|---|---|---|---|---|---|
| | | 1906 | 1907 | 1906 | 1907 | 1906 | 1907 |
| | | | | | | Dollars. | Dollars. |
| Albany, N. Y | 3 | 35 | 34 | 48.00 | 47.53 | 0.4943 | 0.5794 |
| Atlanta, Ga | 3 | 37 | 24 | 56.03 | 54.25 | .4622 | .4449 |
| Augusta, Ga | 3 | 43 | 33 | 54.00 | 54.00 | .3988 | .3939 |
| Baltimore, Md | 3 | 120 | 76 | 48.00 | 48.00 | .6365 | .6250 |
| Birmingham, Ala | 3 | 21 | 35 | 49.71 | 49.03 | .6036 | .6121 |
| Boston, Mass | 7 | 110 | 107 | 47.67 | 47.63 | .5891 | .5967 |
| Buffalo, N. Y | 4 | 87 | 80 | 48.00 | 48.00 | .5500 | .5500 |
| Butte, Mont | 2 | 16 | 11 | 48.00 | 48.00 | .8047 | .8750 |
| Charleston, S. C | 3 | 22 | 22 | 53.64 | 53.00 | .3916 | .3962 |
| Chicago, Ill | 4 | 484 | 309 | 45.24 | 45.38 | .6265 | .6270 |
| Cincinnati, Ohio | 4 | 144 | 142 | 45.00 | 45.00 | .6214 | .6280 |
| Cleveland, Ohio | 6 | 152 | 187 | 48.00 | 48.00 | .6000 | .6000 |
| Dallas, Tex | 2 | 31 | 22 | 48.00 | 48.00 | .7242 | .7500 |
| Denver, Colo | 3 | 36 | 30 | 44.00 | 44.00 | .7031 | .7500 |
| Des Moines, Iowa | 3 | 33 | 29 | 48.00 | 48.00 | .6008 | .6293 |
| Detroit, Mich | 4 | 154 | 178 | 48.00 | 48.00 | .5720 | .6004 |
| Dubuque, Iowa | 2 | 12 | 11 | 48.00 | 48.00 | .5719 | .6000 |
| Fall River, Mass | 2 | 18 | 17 | 48.00 | 48.00 | .5000 | .5250 |
| Grand Rapids, Mich | 2 | 30 | 18 | 48.00 | 48.00 | .5000 | .5500 |
| Hartford, Conn | 2 | 41 | 51 | 44.00 | 44.00 | .5671 | .6025 |
| Houston, Tex | 3 | 21 | 28 | 44.00 | 44.00 | .7500 | .7500 |
| Indianapolis, Ind | 3 | 51 | 66 | 45.47 | 45.36 | .6000 | .6500 |
| Jacksonville, Fla | 3 | 42 | 36 | 48.00 | 48.00 | .5000 | .5000 |
| Jersey City, N. J | 3 | 59 | 63 | 44.00 | 44.00 | .6500 | .6500 |
| Kansas City, Mo | 2 | 24 | 27 | 48.00 | 48.00 | .6250 | .6583 |
| Los Angeles, Cal | 2 | 31 | 39 | 48.00 | 48.00 | .7500 | .7500 |
| Louisville, Ky | 3 | 60 | 66 | 48.00 | 48.00 | .6000 | .6076 |
| Lynn, Mass | 2 | 20 | 20 | 48.00 | 48.00 | .5500 | .5500 |
| Manchester, N. H | 2 | 12 | 10 | 48.00 | 48.00 | .5000 | .5000 |
| Memphis, Tenn | 2 | 24 | 37 | 44.00 | 44.00 | .6875 | .7000 |
| Milwaukee, Wis | 4 | 73 | 57 | 48.00 | 48.00 | .5606 | .6044 |
| Minneapolis, Minn | 6 | 172 | 111 | 48.52 | 48.92 | .5983 | .5914 |
| Mobile, Ala | 3 | 26 | 28 | 48.00 | 50.79 | .6250 | .6143 |
| Montgomery, Ala | 3 | 83 | 72 | 54.00 | 54.00 | .4964 | .4944 |
| Nashville, Tenn | 2 | 53 | 40 | 53.51 | 53.00 | .5179 | .6100 |
| Newark, N. J | 3 | 148 | 72 | 44.00 | 44.00 | .6500 | .6500 |
| New Haven, Conn | 2 | 50 | 33 | 48.00 | 48.00 | .5066 | .5511 |
| New Orleans, La | 3 | 54 | 60 | 48.00 | 48.00 | .6287 | .6400 |
| New York, N. Y.[a] | 9 | 546 | 491 | 44.00 | 44.00 | .7000 | .7000 |
| Norfolk, Va | 2 | 15 | 19 | 48.00 | 48.00 | .7083 | .7336 |
| Omaha, Nebr | 2 | 37 | 29 | 44.00 | 44.00 | .6250 | .6250 |
| Peoria, Ill | 3 | 54 | 44 | 48.00 | 48.00 | .6250 | .6250 |
| Philadelphia, Pa | 7 | 327 | 360 | 44.00 | 44.00 | .6250 | .6250 |
| Pittsburg, Pa.[b] | 3 | 59 | 71 | 48.00 | 48.00 | .6169 | .6500 |
| Portland, Me | 2 | 37 | 49 | 48.00 | 48.00 | .5000 | .5000 |
| Portland, Oreg | 2 | 41 | 43 | 48.00 | 46.51 | .7210 | .8067 |
| Providence, R. I | 2 | 23 | 23 | 48.00 | 44.00 | .5000 | .5500 |
| Racine, Wis | 2 | 29 | 33 | 48.00 | 48.00 | .6147 | .6308 |
| Richmond, Va | 4 | 96 | 76 | 48.00 | 48.00 | .6276 | .6391 |
| Rochester, N. Y | 3 | 119 | 145 | 48.00 | 48.00 | .5300 | .5700 |
| St. Louis, Mo | 4 | 81 | 84 | 44.00 | 44.00 | .7370 | .7381 |
| St. Paul, Minn | 4 | 67 | 80 | 48.00 | 48.00 | .6060 | .5813 |
| Salt Lake City, Utah | 3 | 30 | 33 | 44.00 | 44.00 | .7333 | .7424 |
| San Antonio, Tex | 3 | 15 | 20 | 48.00 | 48.00 | .7200 | .7500 |
| San Francisco, Cal | 4 | 197 | 182 | 44.00 | 44.00 | .8890 | .8777 |
| Scranton, Pa | 3 | 42 | 43 | 48.00 | 48.00 | .5000 | .5500 |
| Seattle, Wash | 2 | 6 | 14 | 44.00 | 44.00 | .7500 | .7946 |
| Sioux Falls, S. Dak | 2 | 9 | 8 | 52.00 | 51.75 | .5000 | .5000 |
| Syracuse, N. Y | 2 | 17 | 18 | 48.00 | 48.00 | .5824 | .5694 |
| Tacoma, Wash | 2 | 7 | 15 | 44.00 | 44.00 | .7411 | .7875 |
| Tampa, Fla | 2 | 25 | 20 | 48.00 | 48.00 | .6250 | .7000 |
| Terre Haute, Ind | 4 | 70 | 73 | 48.00 | 48.00 | .5007 | .6250 |
| Toledo, Ohio | 2 | 40 | 42 | 48.00 | 48.00 | .5544 | .6095 |
| Topeka, Kans | 2 | 7 | 8 | 48.00 | 48.00 | .6250 | .6250 |
| Trenton, N. J | 3 | 50 | 55 | 44.00 | 44.00 | .6000 | .6000 |
| Washington, D. C | 3 | 102 | 73 | 48.00 | 48.00 | .6250 | .6250 |
| Wheeling, W. Va | 2 | 38 | 29 | 48.00 | 48.00 | .6000 | .6000 |
| Wilkes-Barre, Pa | 2 | 59 | 60 | 48.00 | 48.00 | .5688 | .5022 |
| Wilmington, Del | 4 | 86 | 88 | 48.00 | 46.73 | .5451 | .5500 |
| Worcester, Mass | 2 | 56 | 52 | 48.00 | 48.00 | .5000 | .5000 |

[a] Greater New York.

[b] Including Allegheny.