# STOVES, RANGES, DOMESTIC HEATING APPARATUS, AND STEAM FITTINGS

[A preliminary report for these industries was issued under date of February 21, 1927]

**Description of the industries.**—This group comprises three industries whose primary products are, respectively, (1) steam fittings and steam and hot-water heating apparatus; (2) gas and oil stoves and appliances; and (3) stoves (other than gas, oil, or electric) and warm-air furnaces. The products of the first industry are steam and hot-water heating boilers, radiators, safety valves, vacuum gauges, heat regulators, coils, unions, flanges, and similar fittings, and other classes of steam specialties. Those of the second are stoves, ranges, heaters, and burners designed to consume gas, oil, alcohol, acetylene, and gasoline; flatirons heated with alcohol or other fuel burned internally; gas and oil appliances for heating water for kitchen or household use, and other gas-burning heating and cooking appliances. The products of the third are cast-iron, sheet-iron, and wrought-steel stoves and ranges, warm-air furnaces, auxiliary and ventilating heaters, and stove and furnace parts. The manufacture of electric stoves, ranges, and heating appliances is treated for census purposes as part of the "Electrical machinery, apparatus, and supplies" industry. The number and the value of the different classes of electric stoves, ranges, and heating appliances manufactured in 1925 are shown in Table 4, but none of the other tables in this report includes data for establishments engaged in the manufacture of this class of products.

**Number of establishments.**—The number of establishments classified in these industries decreased from 1919 to 1921 and from 1921 to 1925. The decrease during the earlier of these periods was due in part to the change in the minimum value-of-products limit from $500 to $5,000. (See sec. 10, p. 5.) The decrease from 824 establishments in 1923 to 789 in 1925 was the net result of a loss of 82 establishments and a gain of 47. Of the 82 establishments lost to these industries, 34 had gone out of business prior to 1923, 4 were idle, 36 reported commodities other than stoves, ranges, domestic heating apparatus, and steam fittings as their principal products for 1925 and were therefore transferred to the appropriate industries, and 8 reported products valued at less than $5,000.

**Products.**—A special schedule calling for data on the different classes of products manufactured by establishments classified in these industries was used for the first time at the census for 1925; therefore, no commodity figures are available for earlier censuses. An effort was made to obtain production statistics showing separately the number and the value of mechanical-draft and of atmospheric-draft domestic fuel-oil burners manufactured during the year. The reports received from the manufacturers, however, contained many inconsistencies, presumably due to misinterpretation of the inquiry. For this reason the figures given for this item in Table 4 are probably incomplete and may include data for some kinds of burners which should not be classed as domestic fuel-oil burners.

## TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under $5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5]

| YEAR OR PERIOD | Number of establishments | Wage earners (average number) | Wages | Paid for contract work | Cost of materials [1] | Value of products | Value added by manufacture [2] | Horsepower |
|---|---|---|---|---|---|---|---|---|
| THE GROUP AS A WHOLE | | | | | | | | |
| 1925 | 780 | 80,774 | $130,278,639 | $1,313,007 | $173,220,684 | $493,232,937 | $320,003,253 | 203,439 |
| 1923 | 824 | 93,953 | 133,138,023 | 1,169,298 | 185,865,213 | 490,216,026 | 304,350,813 | 178,749 |
| 1921 | 786 | 63,259 | 78,904,276 | 373,411 | 112,430,530 | 271,652,356 | 159,221,826 | [3] |
| 1919 | 840 | 80,119 | 99,042,488 | 188,898 | 151,291,679 | 361,795,480 | 210,503,801 | 128,192 |
| 1914 | 846 | 68,713 | 42,003,367 | 348,877 | 60,876,072 | 153,312,472 | 92,436,400 | 87,417 |
| Per cent of increase or decrease (−): | | | | | | | | |
| 1923–1925 | −4.2 | −4.4 | −2.1 | 12.3 | −6.8 | 0.6 | 5.1 | 13.8 |
| 1921–1923 | 4.8 | 48.5 | 68.7 | 213.1 | 65.3 | 80.5 | 91.1 | ---- |
| 1921–1925 | 0.4 | 41.9 | 65.1 | 251.6 | 54.1 | 81.6 | 101.0 | ---- |
| 1914–1925 | −6.7 | 40.9 | 205.8 | 276.4 | 184.6 | 221.7 | 246.2 | 132.7 |
| STEAM FITTINGS AND STEAM AND HOT-WATER HEATING APPARATUS | | | | | | | | |
| 1925 | 225 | 43,260 | $63,979,270 | $484,200 | $77,356,905 | $228,929,985 | $151,573,080 | 109,313 |
| 1923 | 236 | 44,141 | 64,806,855 | 466,249 | 83,297,270 | 221,954,313 | 138,657,034 | 91,085 |
| 1921 | 274 | 30,808 | 39,596,053 | 124,127 | 50,213,402 | 127,366,887 | 77,153,485 | [3] |
| 1919 | 261 | 36,080 | 45,742,525 | 39,910 | 72,016,393 | 160,285,488 | 88,269,095 | [4] 67,494 |
| 1914 | 205 | 26,388 | 16,737,879 | 178,753 | 26,921,102 | 63,922,434 | 37,001,332 | [4] 38,362 |
| Per cent of increase or decrease (−): | | | | | | | | |
| 1923–1925 | −4.7 | −2.0 | −1.3 | 3.9 | −7.1 | 3.1 | 9.3 | 20.0 |
| 1921–1923 | −13.9 | 43.3 | 63.7 | 275.6 | 65.9 | 74.3 | 79.7 | ---- |
| 1921–1925 | −17.9 | 40.4 | 61.6 | 290.1 | 54.1 | 79.7 | 96.5 | ---- |
| 1914–1925 | −23.7 | 63.9 | 282.2 | 170.9 | 187.3 | 258.1 | 309.6 | 185.0 |
| STOVES AND APPLIANCES, GAS AND OIL | | | | | | | | |
| 1925 | 241 | 17,138 | $24,806,167 | $280,174 | $48,623,495 | $123,497,794 | $74,874,299 | 30,581 |
| 1923 | 243 | 16,783 | 22,467,033 | 123,008 | 49,171,067 | 112,460,749 | 63,289,682 | 22,298 |
| 1921 | 155 | 7,921 | 9,480,309 | 34,006 | 21,217,517 | 42,712,676 | 21,495,159 | [3] |
| 1919 | 176 | 10,565 | 12,578,830 | 25,797 | 24,471,970 | 55,792,020 | 31,320,050 | [4] 11,290 |
| 1914 | 113 | 7,790 | 5,088,216 | 34,344 | 10,153,185 | 21,448,932 | 11,295,747 | [4] 7,937 |
| Per cent of increase or decrease (−): | | | | | | | | |
| 1923–1925 | −0.8 | 2.1 | 10.4 | 127.8 | −1.1 | 9.8 | 18.3 | 37.1 |
| 1921–1923 | 56.8 | 111.9 | 137.0 | 261.7 | 131.7 | 163.3 | 194.4 | ---- |
| 1921–1925 | 55.5 | 116.4 | 161.7 | 723.9 | 129.2 | 189.1 | 248.3 | ---- |
| 1914–1925 | 113.3 | 120.0 | 387.5 | 715.8 | 378.9 | 475.8 | 562.9 | 285.3 |
| STOVES (OTHER THAN GAS, OIL, OR ELECTRIC) AND WARM-AIR FURNACES | | | | | | | | |
| 1925 | 323 | 29,376 | $41,493,106 | $548,627 | $47,249,284 | $140,805,158 | $93,555,874 | 63,545 |
| 1923 | 345 | 33,020 | 45,864,135 | 580,041 | 53,396,867 | 155,800,904 | 102,404,097 | 65,366 |
| 1921 | 357 | 24,530 | 29,827,914 | 215,278 | 40,999,611 | 101,572,703 | 60,573,182 | [3] |
| 1919 | 412 | 32,868 | 41,321,133 | 123,191 | 54,803,316 | 145,717,063 | 90,914,647 | [4] 49,408 |
| 1914 | 438 | 29,535 | 20,777,272 | 135,780 | 23,801,785 | 67,941,106 | 44,139,321 | [4] 41,118 |
| Per cent of increase or decrease (−): | | | | | | | | |
| 1923–1925 | −6.4 | −11.1 | −9.5 | −5.4 | −11.5 | −9.6 | −8.6 | −2.8 |
| 1921–1923 | −3.4 | 34.6 | 53.8 | 169.4 | 30.2 | 53.4 | 69.1 | ---- |
| 1921–1925 | −9.5 | 19.8 | 39.1 | 154.8 | 15.2 | 38.6 | 54.5 | ---- |
| 1914–1925 | −26.3 | −0.5 | 99.7 | 304.1 | 98.5 | 107.2 | 112.0 | 54.5 |

[1] Including also cost of fuel and electric power.
[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)
[3] Not called for on schedule.
[4] These figures differ slightly from the corresponding ones published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric. (See footnote 1, Table 3.)

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED

[Some of the States for which no figures are given in this table reported larger numbers of

| INDUSTRY AND STATE | Average number employed during year | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June |
| THE GROUP AS A WHOLE | | | | | | | |
| United States: | | | | | | | |
| 1925 [1] | 89,774 | 85,572 | 89,744 | 90,294 | 87,959 | 87,305 | 87,398 |
| 1923 [1] | 93,953 | 88,234 | 92,857 | 95,795 | 95,734 | 95,411 | 95,807 |
| 1921 [1] | 63,259 | 60,296 | 64,654 | 64,057 | 61,444 | 60,831 | 62,397 |
| 1919 [1] | 80,119 | 72,994 | 76,099 | 75,217 | 74,230 | 75,125 | 74,709 |
| California | 1,587 | 1,423 | 1,481 | 1,456 | 1,494 | 1,437 | 1,519 |
| Connecticut | 2,605 | 2,480 | 2,516 | 2,560 | 2,540 | 2,557 | 2,539 |
| Georgia | 440 | 435 | 431 | 439 | 424 | 428 | 430 |
| Illinois | 16,162 | 15,429 | 15,976 | 16,046 | 15,903 | 15,913 | 15,688 |
| Indiana | 2,395 | 2,092 | 2,239 | 2,287 | 2,081 | 2,323 | 2,369 |
| Iowa | 718 | 622 | 657 | 683 | 662 | 677 | 695 |
| Maine | 197 | 201 | 199 | 199 | 196 | 195 | 195 |
| Maryland | 741 | 613 | 671 | 698 | 710 | 729 | 709 |
| Michigan | 7,005 | 6,579 | 6,987 | 7,142 | 7,038 | 6,987 | 6,843 |
| Missouri | 3,595 | 3,393 | 3,646 | 3,764 | 3,551 | 3,311 | 3,511 |
| New York | 10,087 | 9,921 | 10,116 | 9,891 | 9,407 | 9,457 | 9,533 |
| Ohio | 12,726 | 12,502 | 13,425 | 13,253 | 12,945 | 12,418 | 12,422 |
| Oklahoma | 31 | 39 | 38 | 39 | 43 | 47 | 26 |
| Pennsylvania | 11,498 | 10,805 | 11,313 | 11,546 | 11,465 | 11,380 | 11,441 |
| Wisconsin | 2,582 | 2,364 | 2,676 | 2,683 | 2,568 | 2,511 | 2,469 |
| STEAM FITTINGS AND STEAM AND HOT-WATER HEATING APPARATUS | | | | | | | |
| United States: | | | | | | | |
| 1925 [1] | 43,260 | 42,669 | 43,301 | 42,966 | 41,661 | 41,616 | 41,746 |
| 1923 [1] | 44,141 | 42,290 | 43,168 | 44,655 | 44,525 | 44,544 | 45,241 |
| 1921 [1] | 30,808 | 33,270 | 34,667 | 32,774 | 30,156 | 29,018 | 28,629 |
| 1919 [1] | 36,686 | 35,881 | 35,522 | 35,224 | 34,119 | 33,446 | 32,022 |
| California | 19 | 15 | 16 | 16 | 17 | 23 | 21 |
| Connecticut | 2,542 | 2,411 | 2,449 | 2,496 | 2,480 | 2,503 | 2,486 |
| Illinois | 10,599 | 10,584 | 10,634 | 10,597 | 10,394 | 10,355 | 10,245 |
| Indiana | 920 | 752 | 774 | 784 | 805 | 833 | 873 |
| Massachusetts | 3,991 | 3,994 | 3,982 | 4,001 | 3,930 | 3,890 | 3,874 |
| Michigan | 1,971 | 1,925 | 1,958 | 1,945 | 1,852 | 1,870 | 1,932 |
| New Jersey | 1,915 | 2,160 | 2,114 | 1,990 | 1,706 | 1,672 | 1,683 |
| New York | 7,706 | 7,837 | 7,969 | 7,611 | 7,130 | 7,149 | 7,167 |
| Ohio | 3,147 | 3,105 | 3,192 | 3,194 | 3,113 | 3,156 | 3,157 |
| Pennsylvania | 7,018 | 6,667 | 6,893 | 6,976 | 6,891 | 6,872 | 7,034 |
| Rhode Island | 137 | 136 | 141 | 140 | 139 | 134 | 134 |
| Wisconsin | 471 | 451 | 470 | 472 | 471 | 470 | 470 |
| STOVES AND APPLIANCES, GAS AND OIL | | | | | | | |
| United States: | | | | | | | |
| 1925 [1] | 17,138 | 16,184 | 17,474 | 17,513 | 17,171 | 16,544 | 16,460 |
| 1923 [1] | 16,783 | 16,109 | 17,119 | 18,018 | 17,906 | 17,715 | 17,256 |
| 1921 [1] | 7,921 | 7,377 | 8,653 | 8,589 | 7,815 | 8,566 | 8,344 |
| 1919 [1] | 10,565 | 8,519 | 9,468 | 9,480 | 9,394 | 9,785 | 9,926 |
| California | 1,300 | 1,182 | 1,239 | 1,216 | 1,254 | 1,175 | 1,252 |
| Illinois | 2,096 | 1,802 | 2,131 | 2,096 | 2,080 | 2,032 | 2,052 |
| Indiana | 295 | 261 | 287 | 298 | 311 | 306 | 307 |
| Michigan | 2,553 | 2,515 | 2,625 | 2,655 | 2,668 | 2,590 | 2,387 |
| Minnesota | 419 | 319 | 339 | 349 | 370 | 372 | 398 |
| Missouri | 532 | 562 | 598 | 576 | 510 | 485 | 463 |
| New York | 536 | 513 | 509 | 548 | 524 | 504 | 524 |
| Ohio | 4,527 | 4,723 | 4,978 | 4,895 | 4,722 | 4,358 | 4,314 |
| Oklahoma | 31 | 39 | 38 | 39 | 43 | 47 | 26 |
| Pennsylvania | 1,573 | 1,449 | 1,523 | 1,509 | 1,565 | 1,576 | 1,627 |
| Wisconsin | 1,250 | 1,141 | 1,279 | 1,286 | 1,213 | 1,171 | 1,160 |

See footnote at end of table

STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

wage earners than some of those for which statistics are shown. See headnote, Table 5, p. 474]

| INDUSTRY AND STATE | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|
| | July | August | September | October | November | December |
| THE GROUP AS A WHOLE | | | | | | |
| United States: | | | | | | |
| 1925 [1] | *85,794* | 87,958 | 91,692 | 95,837 | 96,471 | 93,264 |
| 1923 [1] | 92,490 | 94,274 | 94,961 | 97,188 | 94,576 | 90,006 |
| 1921 [1] | *56,971* | 60,095 | 63,448 | 67,564 | 70,430 | 66,929 |
| 1919 [1] | 74,069 | 79,024 | 85,461 | 89,030 | 92,428 | 93,442 |
| California | 1,553 | 1,635 | 1,686 | 1,775 | 1,817 | 1,763 |
| Connecticut | 2,599 | 2,532 | 2,611 | 2,728 | 2,783 | 2,818 |
| Georgia | 437 | 450 | 445 | 461 | 457 | 446 |
| Illinois | 15,413 | 16,221 | 16,725 | 17,215 | 16,979 | 16,438 |
| Indiana | 2,280 | 2,495 | 2,680 | 2,772 | 2,590 | 2,538 |
| Iowa | 737 | 755 | 795 | 787 | 703 | 755 |
| Maine | 163 | 197 | 202 | 209 | 207 | 204 |
| Maryland | 709 | 764 | 801 | 840 | 823 | 823 |
| Michigan | 6,359 | 6,658 | 7,205 | 7,405 | 7,733 | 7,124 |
| Missouri | 3,044 | 3,370 | 3,781 | 4,164 | 4,023 | 3,573 |
| New York | 9,598 | 9,888 | 10,236 | 10,811 | 11,293 | 10,884 |
| Ohio | 11,860 | 11,989 | 12,296 | 13,241 | 13,437 | 12,926 |
| Oklahoma | 31 | 25 | 14 | 23 | 21 | 21 |
| Pennsylvania | 10,791 | 11,475 | 11,603 | 11,815 | 11,697 | 11,571 |
| Wisconsin | 2,500 | 2,457 | 2,560 | 2,677 | 2,772 | 2,766 |
| STEAM FITTINGS AND STEAM AND HOT-WATER HEATING APPARATUS | | | | | | |
| United States: | | | | | | |
| 1925 [1] | 42,084 | 42,736 | 43,874 | 45,393 | 45,860 | 45,312 |
| 1923 [1] | 45,421 | 45,479 | 44,980 | 45,645 | 43,405 | *40,334* |
| 1921 [1] | 27,753 | *27,432* | 29,221 | 30,802 | 32,741 | 33,236 |
| 1919 [1] | *31,315* | 34,041 | 39,505 | 41,728 | 43,162 | 44,267 |
| California | 10 | 18 | 24 | 26 | 22 | 16 |
| Connecticut | 2,549 | 2,477 | 2,552 | 2,662 | 2,704 | 2,736 |
| Illinois | 10,376 | 10,480 | 10,743 | 10,929 | 10,928 | 10,928 |
| Indiana | 886 | 983 | 1,115 | 1,145 | 1,085 | 1,007 |
| Massachusetts | 3,866 | 3,948 | 4,016 | 4,089 | 4,168 | 4,133 |
| Michigan | 1,935 | 1,967 | 1,988 | 1,954 | 2,228 | 2,098 |
| New Jersey | 1,695 | 1,718 | 1,967 | 2,107 | 2,078 | 2,092 |
| New York | 7,322 | 7,484 | 7,675 | 8,162 | 8,603 | 8,357 |
| Ohio | 3,119 | 3,066 | 3,053 | 3,279 | 3,126 | 3,207 |
| Pennsylvania | 6,993 | 7,223 | 7,219 | 7,252 | 7,116 | 7,082 |
| Rhode Island | 130 | 129 | 134 | 141 | 148 | 140 |
| Wisconsin | 497 | 480 | 470 | 474 | 469 | 462 |
| STOVES AND APPLIANCES, GAS AND OIL | | | | | | |
| United States: | | | | | | |
| 1925 [1] | *15,975* | 16,160 | 17,278 | 18,290 | 18,572 | 18,045 |
| 1923 [1] | *15,411* | 15,978 | 16,124 | 16,697 | 16,616 | 16,445 |
| 1921 [1] | 6,857 | 7,179 | *6,801* | 7,512 | 8,843 | 8,614 |
| 1919 [1] | 10,748 | 10,851 | 10,861 | 11,795 | 12,503 | 12,650 |
| California | 1,271 | 1,335 | 1,357 | 1,416 | 1,458 | 1,445 |
| Illinois | 1,800 | 2,159 | 2,255 | 2,367 | 2,236 | 2,092 |
| Indiana | 312 | 290 | 289 | 297 | 289 | 293 |
| Michigan | 2,210 | 2,171 | 2,628 | 2,785 | 2,823 | 2,579 |
| Minnesota | 416 | 452 | 478 | 507 | 512 | 517 |
| Missouri | 451 | 468 | 512 | 586 | 594 | 574 |
| New York | 528 | 510 | 547 | 576 | 596 | 557 |
| Ohio | 4,177 | 4,100 | 4,243 | 4,497 | 4,703 | 4,610 |
| Oklahoma | 31 | 25 | 14 | 23 | 21 | 21 |
| Pennsylvania | 1,625 | 1,500 | 1,620 | 1,618 | 1,598 | 1,519 |
| Wisconsin | 1,170 | 1,132 | 1,222 | 1,327 | 1,404 | 1,497 |

See footnote at end of table

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES,

[Some of the States for which no figures are given in this table reported larger numbers of

| INDUSTRY AND STATE | Average number employed during year | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June |
| STOVES (OTHER THAN GAS, OIL, OR ELECTRIC) AND WARM-AIR FURNACES | | | | | | | |
| United States: | | | | | | | |
| 1925 [1] | 29,376 | 26,710 | 28,960 | 29,815 | 29,227 | 29,145 | 29,202 |
| 1923 [1] | 33,029 | *29,995* | 32,570 | 33,122 | 33,303 | 33,152 | 33,316 |
| 1921 [1] | 24,530 | *19,649* | 21,334 | 22,094 | 23,473 | 23,247 | 25,524 |
| 1919 [1] | 32,868 | *27,794* | 30,100 | 30,513 | 30,717 | 31,894 | 32,761 |
| Alabama | 628 | 542 | 595 | 605 | 608 | 602 | 600 |
| California | 268 | 220 | 226 | 224 | 223 | 230 | 240 |
| Georgia | 440 | 435 | 431 | 439 | 424 | 428 | 430 |
| Illinois | 3,467 | 3,043 | 3,211 | 3,353 | 3,429 | 3,476 | 3,391 |
| Indiana | 1,180 | 1,079 | 1,178 | 1,205 | 965 | 1,184 | 1,189 |
| Iowa | 466 | 447 | 459 | 482 | 457 | 460 | 472 |
| Kentucky | 363 | 361 | 365 | 365 | 353 | 353 | 341 |
| Maine | 197 | 201 | 199 | 199 | 196 | 195 | 195 |
| Massachusetts | 1,864 | 1,671 | 1,992 | 1,979 | 1,751 | 1,818 | 1,844 |
| Michigan | 2,481 | 2,139 | 2,404 | 2,542 | 2,518 | 2,527 | 2,524 |
| Minnesota | 283 | 272 | 275 | 272 | 284 | 271 | 272 |
| Missouri | 2,085 | 1,855 | 2,031 | 2,108 | 2,090 | 1,999 | 2,121 |
| New Jersey | 1,436 | 1,528 | 1,527 | 1,523 | 1,504 | 1,486 | 1,510 |
| New York | 1,845 | 1,571 | 1,638 | 1,732 | 1,753 | 1,808 | 1,842 |
| Ohio | 5,052 | 4,674 | 5,256 | 5,104 | 5,110 | 4,904 | 4,951 |
| Oregon | 171 | 149 | 176 | 178 | 168 | 168 | 167 |
| Pennsylvania | 2,817 | 2,689 | 2,897 | 3,001 | 3,000 | 2,632 | 2,760 |
| Tennessee | 2,196 | 1,994 | 1,893 | 2,182 | 2,239 | 2,227 | 2,232 |
| Virginia | 263 | 301 | 290 | 275 | 261 | 261 | 261 |
| Washington | 241 | 206 | 220 | 222 | 218 | 224 | 224 |
| Wisconsin | 861 | 762 | 927 | 925 | 884 | 870 | 839 |

[1] Month of maximum employment indicated by bold-faced figures and that of minimum employment by *italic* figures. Per cent which minimum forms of maximum for "The group as a whole": 1925, 80.9; 1923, 90.9; 1921, 80.9; 1919, 78.1.

1919 TO 1925, AND FOR SELECTED STATES, 1925—Continued

wage earners than some of those for which statistics are shown. See headnote, Table 5, p. 474]

| INDUSTRY AND STATE | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|
| | July | August | September | October | November | December |
| STOVES (OTHER THAN GAS, OIL, OR ELECTRIC) AND WARM-AIR FURNACES | | | | | | |
| United States: | | | | | | |
| 1925 [1] | 25,735 | 29,062 | 30,540 | 32,154 | 32,039 | 29,907 |
| 1923 [1] | 31,658 | 32,817 | 33,857 | 34,846 | 34,555 | 33,227 |
| 1921 [1] | 22,361 | 25,484 | 27,426 | 29,250 | 28,846 | 25,079 |
| 1919 [1] | 32,006 | 34,132 | 35,095 | 36,107 | 36,763 | 36,525 |
| Alabama | 594 | 615 | 661 | 720 | 744 | 646 |
| California | 272 | 282 | 305 | 333 | 337 | 302 |
| Georgia | 437 | 450 | 445 | 461 | 457 | 446 |
| Illinois | 3,237 | 3,582 | 3,727 | 3,919 | 3,815 | 3,418 |
| Indiana | 1,082 | 1,222 | 1,270 | 1,330 | 1,216 | 1,238 |
| Iowa | 511 | 522 | 553 | 544 | 545 | 506 |
| Kentucky | 332 | 340 | 351 | 382 | 406 | 398 |
| Maine | 103 | 197 | 202 | 209 | 207 | 204 |
| Massachusetts | 1,600 | 1,862 | 1,922 | 1,999 | 2,008 | 1,886 |
| Michigan | 2,214 | 2,520 | 2,589 | 2,666 | 2,682 | 2,447 |
| Minnesota | 271 | 289 | 297 | 313 | 294 | 284 |
| Missouri | 1,655 | 1,988 | 2,311 | 2,505 | 2,367 | 2,028 |
| New Jersey | 798 | 1,307 | 1,443 | 1,499 | 1,563 | 1,537 |
| New York | 1,748 | 1,894 | 2,014 | 2,073 | 2,094 | 1,970 |
| Ohio | 4,564 | 4,823 | 5,000 | 5,465 | 5,608 | 5,109 |
| Oregon | 143 | 176 | 185 | 180 | 183 | 182 |
| Pennsylvania | 2,173 | 2,662 | 2,764 | 2,945 | 2,983 | 2,970 |
| Tennessee | 2,210 | 2,227 | 2,237 | 2,320 | 2,272 | 2,309 |
| Virginia | 203 | 274 | 279 | 251 | 254 | 242 |
| Washington | 200 | 248 | 284 | 313 | 287 | 245 |
| Wisconsin | 833 | 845 | 868 | 876 | 899 | 807 |

## TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

| INDUSTRY AND TYPE OF EQUIPMENT | 1925 | | 1923 | | 1919 | |
|---|---|---|---|---|---|---|
| | Number | Capacity | Number | Capacity | Number | Capacity |
| **THE GROUP AS A WHOLE** | | *Horsepower* | | *Horsepower* | | *Horsepower* |
| Prime movers, total | 15,592 | 203,439 | 13,640 | 178,749 | 8,221 | [1] 128,192 |
| Steam engines | 247 | 39,433 | 260 | 43,961 | 277 | 37,708 |
| Steam turbines | 10 | 7,439 | | | 24 | 8,988 |
| Internal-combustion engines | 30 | 3,473 | 42 | 3,300 | 83 | 2,583 |
| Water turbines | 3 | 125 | 2 | 70 | 6 | 164 |
| Electric motors driven by purchased current | 15,302 | 152,969 | 13,336 | 131,418 | 7,831 | 78,689 |
| Electric motors, total | 18,367 | 184,608 | 15,303 | 153,675 | 9,903 | 103,502 |
| Driven by purchased current | 15,302 | 152,969 | 13,336 | 131,418 | 7,831 | 78,689 |
| Driven by current generated in establishment reporting | 3,065 | 31,639 *Kilowatts* | 1,967 | 22,257 *Kilowatts* | 2,072 | 24,813 *Kilowatts* |
| Electric generators | 190 | 24,359 | (2) | (2) | (2) | (2) |
| **STEAM FITTINGS AND STEAM AND HOT-WATER HEATING APPARATUS** | | *Horsepower* | | *Horsepower* | | *Horsepower* |
| Prime movers, total | 7,252 | 109,313 | 6,519 | 91,085 | 4,289 | [1] 67,494 |
| Steam engines | 111 | 20,408 | 107 | 19,847 | 92 | 14,148 |
| Steam turbines | 8 | 6,127 | | | 21 | 7,808 |
| Internal-combustion engines | 5 | 260 | 7 | 329 | 21 | 291 |
| Water turbines | 1 | 40 | 1 | 60 | 1 | 60 |
| Electric motors driven by purchased current | 7,127 | 82,478 | 6,404 | 70,849 | 4,154 | 45,187 |
| Electric motors, total | 8,714 | 100,330 | 7,285 | 83,385 | 4,953 | 58,232 |
| Driven by purchased current | 7,127 | 82,478 | 6,404 | 70,849 | 4,154 | 45,187 |
| Driven by current generated in establishment reporting | 1,587 | 17,852 *Kilowatts* | 881 | 12,536 *Kilowatts* | 799 | 13,045 *Kilowatts* |
| Electric generators | 92 | 10,875 | (2) | (2) | (2) | (2) |
| **STOVES AND APPLIANCES, GAS AND OIL** | | *Horsepower* | | *Horsepower* | | *Horsepower* |
| Prime movers, total | 3,157 | 30,581 | 2,392 | 22,298 | 991 | [1] 11,290 |
| Steam engines | 35 | 5,714 | 39 | 4,288 | 25 | 4,160 |
| Steam turbines | | | | | 1 | 150 |
| Internal-combustion engines | 5 | 215 | 19 | 1,692 | 23 | 391 |
| Water turbines | 1 | 75 | | | 1 | 2 |
| Electric motors driven by purchased current | 3,116 | 24,577 | 2,334 | 16,318 | 941 | 6,587 |
| Electric motors, total | 3,679 | 29,356 | 2,737 | 20,244 | 1,276 | 8,941 |
| Driven by purchased current | 3,116 | 24,577 | 2,334 | 16,318 | 941 | 6,587 |
| Driven by current generated in establishment reporting | 563 | 4,779 *Kilowatts* | 403 | 3,926 *Kilowatts* | 335 | 2,354 *Kilowatts* |
| Electric generators | 27 | 5,842 | (2) | (2) | (2) | (2) |
| **STOVES (OTHER THAN GAS, OIL, OR ELECTRIC) AND WARM-AIR FURNACES** | | *Horsepower* | | *Horsepower* | | *Horsepower* |
| Prime movers, total | 5,183 | 63,545 | 4,729 | 65,366 | 2,941 | [1] 49,408 |
| Steam engines | 101 | 13,311 | 114 | 19,826 | 160 | 19,460 |
| Steam turbines | 2 | 1,312 | | | 2 | 1,030 |
| Internal-combustion engines | 20 | 2,998 | 16 | 1,279 | 39 | 1,901 |
| Water turbines | 1 | 10 | 1 | 10 | 4 | 102 |
| Electric motors driven by purchased current | 5,059 | 45,914 | 4,598 | 44,251 | 2,736 | 26,915 |
| Electric motors, total | 5,974 | 54,922 | 5,281 | 50,046 | 3,674 | 36,329 |
| Driven by purchased current | 5,059 | 45,914 | 4,598 | 44,251 | 2,736 | 26,915 |
| Driven by current generated in establishment reporting | 915 | 9,008 *Kilowatts* | 683 | 5,795 *Kilowatts* | 938 | 9,414 *Kilowatts* |
| Electric generators | 71 | 7,642 | (2) | (2) | (2) | (2) |

[1] This total differs slightly from the corresponding one published in the report for 1919 because of the exclusion here and the inclusion in the previous report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

[2] Not called for on schedule.

## TABLE 4.—PRODUCTS, BY KIND, NUMBER, AND VALUE, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "Other States," however, reported larger production than some of the States shown separately]

| KIND AND STATE | Value |
|---|---|
| Total value | $514,772,918 |
| Stoves, ranges, domestic heating apparatus, and steam fittings industry, all products | 493,232,937 |
| Stoves, ranges, domestic heating apparatus, and steam fittings | 460,201,499 |
| All other products | 33,031,438 |
| Stoves, ranges, domestic heating apparatus, and steam fittings, secondary products of other industries | 21,539,981 |
| STOVES, RANGES, DOMESTIC HEATING APPARATUS, AND STEAM FITTINGS | |
| Total | 481,741,480 |
| Steam and hot-water heating apparatus | 116,332,171 |
| Cast-iron hot-water heating boilers | 38,307,118 |
| New Jersey | 1,573,399 |
| New York | 17,970,507 |
| Pennsylvania | 5,057,523 |
| Other States | 13,705,189 |
| Steel hot-water heating boilers | 7,176,699 |
| Cast-iron steam-heating boilers | 14,109,348 |
| New York | 3,910,666 |
| Pennsylvania | 886,224 |
| Other States | 9,312,458 |
| Steel steam-heating boilers | 1,099,116 |
| Radiators | 55,039,890 |
| Illinois | 7,491,662 |
| New York | 14,868,246 |
| Pennsylvania | 11,179,636 |
| Other States | 22,100,346 |
| | *Number* |
| Warm-air furnaces | 511,445 47,423,130 |
| California | 17,254 1,010,884 |
| Illinois | 41,915 4,008,721 |
| Indiana | 8,107 866,490 |
| Iowa | 35,715 4,247,568 |
| Massachusetts | 10,227 834,537 |
| Michigan | 113,663 12,792,730 |
| Missouri | 17,520 1,729,194 |
| New York | 43,404 3,389,806 |
| Ohio | 128,699 10,646,960 |
| Oregon | 3,612 411,053 |
| Pennsylvania | 22,161 1,970,866 |
| Washington | 3,629 467,269 |
| Wisconsin | 20,883 1,588,279 |
| Other States | 44,656 3,458,773 |
| Stoves and ranges | 8,254,889 179,800,548 |
| Coal and wood | 2,446,959 68,601,454 |
| Cook stoves and ranges | 1,067,085 48,922,793 |
| Alabama | 72,670 1,285,525 |
| California | 13,073 707,156 |
| Georgia | 55,898 1,222,377 |
| Illinois | 112,795 5,573,869 |
| Kentucky | 18,651 548,254 |
| Maine | 4,038 281,196 |
| Massachusetts | 52,723 3,730,024 |
| Michigan | 54,129 3,468,070 |
| Missouri | 98,344 8,480,653 |
| New Jersey | 23,960 1,648,064 |
| New York | 39,932 2,300,785 |
| Ohio | 81,658 3,575,681 |
| Pennsylvania | 127,270 4,972,668 |
| Tennessee | 155,168 4,025,692 |
| Virginia | 14,214 421,034 |
| Other States | 143,162 6,681,745 |
| Heating stoves | 1,251,196 18,045,390 |
| Georgia | 33,897 275,484 |
| Illinois | 247,207 3,090,303 |
| Indiana | 35,599 1,184,997 |
| Kentucky | 28,887 191,992 |
| Maine | 1,438 36,837 |

| KIND AND STATE | Number | Value |
|---|---|---|
| Stoves and ranges—Contd. | | |
| Coal and wood—Contd. | | |
| Heating stoves—Con. | | |
| Massachusetts | 15,547 | $329,329 |
| Michigan | 28,496 | 799,752 |
| Missouri | 120,436 | 1,708,014 |
| New Jersey | 13,958 | 88,620 |
| New York | 21,309 | 435,052 |
| Ohio | 173,095 | 3,778,815 |
| Pennsylvania | 38,910 | 804,871 |
| Tennessee | 206,081 | 2,487,207 |
| Virginia | 79,157 | 416,274 |
| Other States | 207,179 | 2,417,843 |
| Water heaters | 128,678 | 1,633,271 |
| Georgia | 6,879 | 42,014 |
| New York | 42,163 | 443,455 |
| Pennsylvania | 19,099 | 533,314 |
| Other States | 60,537 | 614,488 |
| Gas | 2,924,136 | 76,322,480 |
| Cook stoves and ranges | 1,406,039 | 51,692,387 |
| California | 81,319 | 2,474,356 |
| Illinois | 220,944 | 9,235,746 |
| Indiana | 22,786 | 1,347,936 |
| Massachusetts | 44,868 | 1,590,543 |
| Michigan | 284,280 | 10,399,068 |
| Missouri | 48,727 | 2,561,079 |
| New York | 73,848 | 2,115,538 |
| Ohio | 242,773 | 9,733,518 |
| Pennsylvania | 199,583 | 4,965,769 |
| Wisconsin | 31,621 | 1,368,211 |
| Other States | 155,290 | 5,900,623 |
| Room heaters | 612,113 | 6,608,841 |
| California | 35,146 | 694,477 |
| New York | 22,117 | 266,606 |
| Ohio | 141,829 | 1,643,104 |
| Pennsylvania | 199,624 | 1,360,730 |
| West Virginia | 51,986 | 203,702 |
| Other States | 161,411 | 2,440,222 |
| Water heaters | 905,983 | 18,021,252 |
| California | 77,386 | 2,231,206 |
| Illinois | 5,109 | 221,984 |
| New Jersey | 57,531 | 1,112,292 |
| Ohio | 407,818 | 2,766,539 |
| Pennsylvania | 198,924 | 7,003,824 |
| Other States | 159,215 | 4,625,407 |
| Kerosene and gasoline | 1,707,098 | 21,227,933 |
| Cook stoves and ranges | 1,155,801 | 17,626,920 |
| Ohio | 540,016 | 8,088,682 |
| Other States | 615,785 | 9,538,238 |
| Room heaters | 412,904 | 2,155,632 |
| Water heaters | 138,393 | 1,445,381 |
| Electric stoves, ranges, grills, hot plates, and heaters | 1,060,692 | 11,275,117 |
| Air heaters— | | |
| Convector type | 99,297 | 374,367 |
| Radiant type | 396,318 | 1,653,327 |
| Grills | 209,318 | 577,628 |
| Disk stoves, hot plates, and ranges under 2½ kw | 216,559 | 1,123,823 |
| Domestic ranges, 2½ kw. and over | 85,158 | 6,776,963 |
| Water heaters over 660 watts | 54,042 | 769,009 |
| Other stoves and ranges | 116,005 | 2,373,564 |
| Domestic fuel-oil burners | | [1] 7,260,383 |
| Steam fittings and specialties | | 107,829,926 |
| Stove, furnace, and range parts and fittings | | 23,095,322 |

[1] See text explanation under "Products," p. 466.

## TABLE 5.—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately]

| STATE | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY | | | | Horse power |
|---|---|---|---|---|---|---|
| | | Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | |
| THE GROUP AS A WHOLE | | | | | | |
| United States | 789 | 104,571 | 212 | [1] 14,585 | 89,774 | 203,439 |
| California | 64 | 1,992 | 51 | 354 | 1,587 | 2,153 |
| Connecticut | 11 | 2,986 | | 381 | 2,605 | 9,372 |
| Georgia | 3 | 481 | 3 | 38 | 440 | 544 |
| Illinois | 95 | 19,201 | 19 | 3,080 | 16,162 | 46,974 |
| Indiana | 33 | 2,787 | 2 | 390 | 2,395 | 5,604 |
| Iowa | 12 | 932 | | 214 | 718 | 1,706 |
| Maine | 4 | 218 | | 21 | 197 | 248 |
| Maryland | 7 | 885 | | 144 | 741 | 1,407 |
| Michigan | 37 | 7,923 | 4 | 914 | 7,005 | 13,446 |
| Missouri | 33 | 4,247 | 3 | 649 | 3,595 | 6,219 |
| New York | 67 | 11,456 | 12 | 1,357 | 10,087 | 23,328 |
| Ohio | 115 | 15,110 | 36 | 2,348 | 12,726 | 33,111 |
| Oklahoma | 4 | 40 | 3 | 6 | 31 | 46 |
| Pennsylvania | 113 | 13,142 | 34 | 1,700 | 11,408 | 23,514 |
| Wisconsin | 20 | 3,063 | 3 | 478 | 2,582 | 5,440 |
| All other States [1] | 168 | 20,048 | 42 | 2,511 | 17,495 | 30,052 |
| STEAM FITTINGS AND STEAM AND HOT-WATER HEATING APPARATUS | | | | | | |
| United States | 225 | 49,974 | 36 | 6,678 | 43,260 | 109,313 |
| California | 4 | 23 | 3 | 1 | 19 | 104 |
| Connecticut | 8 | 2,900 | | 358 | 2,542 | 9,287 |
| Illinois | 26 | 12,581 | 2 | 1,980 | 10,599 | 35,744 |
| Indiana | 8 | 1,029 | | 109 | 920 | 1,200 |
| Massachusetts | 23 | 4,009 | 4 | 614 | 3,391 | 6,399 |
| Michigan | 10 | 2,183 | 1 | 211 | 1,971 | 2,830 |
| New Jersey | 11 | 2,197 | 2 | 280 | 1,915 | 3,126 |
| New York | 39 | 8,706 | 4 | 906 | 7,796 | 17,573 |
| Ohio | 19 | 3,681 | 6 | 528 | 3,147 | 10,340 |
| Pennsylvania | 45 | 8,003 | 8 | 977 | 7,018 | 15,985 |
| Rhode Island | 4 | 167 | | 30 | 137 | 283 |
| Wisconsin | 4 | 616 | 1 | 144 | 471 | 759 |
| All other States [1] | 22 | 3,279 | 5 | 450 | 2,824 | 5,683 |
| STOVES AND APPLIANCES, GAS AND OIL | | | | | | |
| United States | 241 | 20,759 | 98 | 3,523 | 17,138 | 30,581 |
| California | 49 | 1,642 | 35 | 307 | 1,300 | 1,771 |
| Illinois | 28 | 2,611 | 10 | 505 | 2,096 | 4,269 |
| Indiana | 5 | 356 | | 61 | 295 | 514 |
| Michigan | 11 | 2,834 | 1 | 280 | 2,553 | 4,105 |
| Minnesota | 6 | 489 | 2 | 68 | 419 | 553 |
| Missouri | 12 | 606 | 2 | 162 | 532 | 769 |
| New York | 8 | 603 | 3 | 64 | 536 | 1,332 |
| Ohio | 50 | 5,580 | 18 | 1,041 | 4,527 | 9,871 |
| Oklahoma | 4 | 40 | 3 | 6 | 31 | 46 |
| Pennsylvania | 32 | 1,942 | 20 | 349 | 1,573 | 2,208 |
| Wisconsin | 6 | 1,400 | 2 | 148 | 1,250 | 1,912 |
| All other States [1] | 30 | 2,560 | 2 | 582 | 2,026 | 3,251 |

See footnotes at end of table

TABLE 5.—GENERAL STATISTICS, BY STATES: 1925—Continued

[See note at head of this table]

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products | Value added by manufacture [2] |
|---|---|---|---|---|---|---|
| THE GROUP AS A WHOLE | | | | | | |
| United States | [1] $36,599,672 | $130,278,639 | $1,313,007 | $173,229,684 | [3] $493,232,937 | $320,003,253 |
| California | 889,557 | 2,496,947 | 35,079 | 4,093,101 | 10,095,627 | 6,002,526 |
| Connecticut | 953,712 | 3,831,534 | 17,589 | 3,298,015 | 11,242,067 | 7,944,052 |
| Georgia | 128,862 | 550,552 | ---------- | 597,607 | 1,634,251 | 1,036,644 |
| Illinois | 7,055,403 | 24,875,235 | 442,818 | 33,002,399 | 89,924,383 | 56,831,984 |
| Indiana | 861,929 | 3,130,080 | 53,356 | 4,861,047 | 12,958,784 | 8,107,137 |
| Iowa | 556,022 | 1,969,940 | ---------- | 2,248,954 | 8,201,816 | 5,952,862 |
| Maine | 88,655 | 254,556 | 805 | 127,112 | 577,491 | 450,379 |
| Maryland | 305,111 | 956,534 | ---------- | 1,189,903 | 3,181,991 | 1,992,088 |
| Michigan | 2,804,561 | 10,963,461 | 197,617 | 13,990,047 | 48,185,146 | 34,195,099 |
| Missouri | 1,041,581 | 5,339,860 | 64,273 | 7,976,454 | 23,636,388 | 15,659,934 |
| New York | 3,540,222 | 15,977,185 | 14,810 | 19,108,373 | 54,715,825 | 35,606,952 |
| Ohio | 5,430,406 | 17,879,356 | 249,541 | 27,162,329 | 71,746,054 | 44,583,725 |
| Oklahoma | 11,972 | 40,877 | ---------- | 90,519 | 195,117 | 104,598 |
| Pennsylvania | 4,270,380 | 15,807,296 | 39,621 | 20,074,141 | 56,900,344 | 36,826,703 |
| Wisconsin | 1,163,588 | 3,511,769 | 79,243 | 4,838,870 | 14,477,798 | 9,638,928 |
| All other States [4] | 6,291,051 | 23,593,457 | 118,255 | 30,490,213 | 85,559,855 | 55,069,642 |
| STEAM FITTINGS AND STEAM AND HOT-WATER HEATING APPARATUS | | | | | | |
| United States | 16,669,800 | 63,979,276 | 484,206 | 77,356,905 | 228,929,985 | 151,573,080 |
| California | 1,350 | 30,485 | ---------- | 51,515 | 115,863 | 64,348 |
| Connecticut | 904,575 | 3,736,211 | 17,589 | 3,216,087 | 10,968,706 | 7,752,619 |
| Illinois | 5,089,791 | 16,783,399 | 338,081 | 20,529,914 | 56,767,053 | 36,237,739 |
| Indiana | 226,350 | 1,205,411 | ---------- | 1,771,523 | 5,353,175 | 3,581,652 |
| Massachusetts | 1,236,032 | 5,474,670 | 1,829 | 5,237,481 | 16,425,677 | 11,188,196 |
| Michigan | 601,192 | 2,975,049 | ---------- | 3,225,989 | 10,779,318 | 7,553,329 |
| New Jersey | 710,042 | 2,973,930 | 23,122 | 5,472,782 | 18,874,983 | 8,402,201 |
| New York | 2,550,004 | 12,373,063 | 307 | 15,121,037 | 44,246,388 | 29,124,751 |
| Ohio | 1,172,234 | 4,324,985 | 11,348 | 4,490,315 | 14,682,562 | 10,192,247 |
| Pennsylvania | 2,424,666 | 9,520,595 | 495 | 10,481,043 | 32,597,760 | 22,116,717 |
| Rhode Island | 97,527 | 167,616 | 18,394 | 503,230 | 1,289,221 | 785,991 |
| Wisconsin | 336,974 | 657,330 | 70,909 | 996,516 | 2,694,642 | 1,698,126 |
| All other States [4] | 1,319,063 | 3,756,532 | 2,132 | 6,258,873 | 19,134,037 | 12,875,164 |
| STOVES AND APPLIANCES, GAS AND OIL | | | | | | |
| United States | 8,592,015 | 24,806,167 | 280,174 | 48,623,495 | 123,497,794 | 74,874,299 |
| California | 791,243 | 2,070,805 | 33,702 | 3,356,966 | 8,600,425 | 5,243,459 |
| Illinois | 1,053,734 | 3,005,797 | 20,883 | 6,204,020 | 17,435,307 | 11,231,287 |
| Indiana | 144,063 | 399,143 | ---------- | 1,034,783 | 2,503,204 | 1,468,421 |
| Michigan | 1,022,607 | 4,012,844 | 81,591 | 5,675,418 | 17,731,302 | 12,055,884 |
| Minnesota | 127,535 | 414,158 | ---------- | 981,092 | 1,911,915 | 930,223 |
| Missouri | 241,774 | 842,442 | 40,007 | 1,544,589 | 4,117,063 | 2,572,474 |
| New York | 135,616 | 873,972 | ---------- | 1,394,674 | 2,649,367 | 1,254,693 |
| Ohio | 2,487,181 | 6,382,315 | 97,093 | 14,936,487 | 34,541,678 | 19,605,191 |
| Oklahoma | 11,972 | 40,877 | ---------- | 90,519 | 195,117 | 104,598 |
| Pennsylvania | 835,509 | 2,339,437 | 808 | 6,249,887 | 13,773,218 | 7,523,331 |
| Wisconsin | 400,112 | 1,747,420 | ---------- | 2,309,022 | 7,783,325 | 5,474,303 |
| All other States [4] | 1,340,669 | 2,676,957 | ---------- | 4,845,438 | 12,255,873 | 7,410,435 |

See footnotes at end of table

TABLE 5.—GENERAL STATISTICS, BY STATES: 1925—Continued

[See note at head of this table]

| STATE | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY | | | | Horsepower |
|---|---|---|---|---|---|---|
| | | Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | |
| STOVES (OTHER THAN GAS, OIL, OR ELECTRIC) AND WARM-AIR FURNACES | | | | | | |
| United States | 323 | 33,838 | 78 | 4,384 | 20,376 | 63,545 |
| Alabama | 6 | 690 | 1 | 61 | 628 | 774 |
| California | 11 | 327 | 13 | 46 | 268 | 278 |
| Georgia | 6 | 481 | 3 | 38 | 440 | 544 |
| Illinois | 42 | 4,069 | 7 | 595 | 3,467 | 6,071 |
| Indiana | 20 | 1,402 | 2 | 220 | 1,180 | 3,950 |
| Iowa | 9 | 620 | ------- | 124 | 496 | 1,290 |
| Kentucky | 6 | 422 | 2 | 57 | 363 | 562 |
| Maine | 4 | 218 | ------- | 21 | 197 | 243 |
| Massachusetts | 13 | 2,073 | ------- | 209 | 1,864 | 3,439 |
| Michigan | 16 | 2,906 | 2 | 423 | 2,481 | 6,511 |
| Minnesota | 8 | 351 | 2 | 66 | 283 | 659 |
| Missouri | 16 | 2,440 | 1 | 354 | 2,085 | 3,967 |
| New Jersey | 6 | 1,612 | 4 | 173 | 1,435 | 3,133 |
| New York | 20 | 2,147 | 5 | 297 | 1,845 | 4,423 |
| Ohio | 46 | 5,843 | 12 | 779 | 5,052 | 12,900 |
| Oregon | 7 | 189 | 8 | 10 | 171 | 285 |
| Pennsylvania | 36 | 3,197 | 6 | 374 | 2,817 | 5,421 |
| Tennessee | 14 | 2,338 | 2 | 140 | 2,196 | 3,106 |
| Virginia | 4 | 307 | ------- | 44 | 263 | 441 |
| Washington | 9 | 285 | 3 | 41 | 241 | 359 |
| Wisconsin | 10 | 1,047 | ------- | 186 | 861 | 2,769 |
| All other States [1] | 14 | 874 | 5 | 126 | 743 | 1,520 |

[1] Not including 319 salaried officers and employees of central administrative offices, with salaries aggregating $832,772. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals for the group as a whole of 14,904 salaried officers and employees, and $37,432,444 salaries; steam fittings and steam and hot-water heating apparatus, 5,933 salaried officers and employees and $17,408,498 salaries; stoves and appliances, gas and oil, 3,537 salaried officers and employees and $8,686,089 salaries; and stoves (other than gas, oil, or electric) and warm-air furnaces, 4,384 salaried officers and employees and $11,337,857 salaries. (See "Central-administrative-office employees," p. 1193.)

[1] Alabama, 8 establishments; Arkansas, 2; Colorado, 2; Delaware, 1; Kansas, 2; Kentucky, 8; Louisiana, 1; Massachusetts, 43 (see footnote 6); Minnesota, 17; Nebraska, 1; New Hampshire, 2; New Jersey, 23 (see footnote 6); North Carolina, 2; Oregon, 9; Rhode Island, 5; Tennessee, 16 (see footnote 6); Texas, 2; Vermont, 1; Virginia, 6; Washington, 12 (see footnote 6); West Virginia, 5.

TABLE 5.—GENERAL STATISTICS, BY STATES: 1925—Continued

[See note at head of this table]

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products | Value added by manufacture [5] |
|---|---|---|---|---|---|---|
| STOVES (OTHER THAN GAS, OIL, OR ELECTRIC) AND WARM-AIR FURNACES | | | | | | |
| United States | $11,337,857 | $41,493,196 | $548,627 | $47,240,284 | $140,805,158 | $93,555,874 |
| Alabama | 105,472 | 697,803 | 300 | 750,460 | 1,909,916 | 1,159,456 |
| California | 96,964 | 395,657 | 1,377 | 684,620 | 1,379,339 | 694,719 |
| Georgia | 128,862 | 550,552 | ---------- | 597,607 | 1,634,251 | 1,036,644 |
| Illinois | 1,511,938 | 5,086,039 | 77,854 | 6,358,465 | 15,721,423 | 9,362,958 |
| Indiana | 491,516 | 1,525,526 | 53,356 | 2,045,341 | 5,102,405 | 3,057,064 |
| Iowa | 350,987 | 767,132 | ---------- | 1,538,377 | 5,350,664 | 3,812,287 |
| Kentucky | 139,430 | 348,733 | ---------- | 372,920 | 1,031,359 | 658,439 |
| Maine | 88,655 | 254,556 | 805 | 127,112 | 577,491 | 450,379 |
| Massachusetts | 660,240 | 2,609,683 | 51,471 | 2,070,545 | 7,717,680 | 5,647,135 |
| Michigan | 1,180,762 | 3,975,568 | 116,026 | 5,088,640 | 19,074,526 | 14,585,886 |
| Minnesota | 176,919 | 337,298 | 1,235 | 521,607 | 1,619,305 | 1,097,698 |
| Missouri | 1,016,231 | 3,104,348 | 24,176 | 4,394,681 | 12,824,263 | 8,429,582 |
| New Jersey | 378,734 | 2,484,005 | ---------- | 3,461,233 | 8,689,090 | 5,227,857 |
| New York | 860,602 | 2,730,150 | 14,503 | 2,592,062 | 7,819,570 | 5,227,508 |
| Ohio | 1,770,991 | 7,172,056 | 141,100 | 7,735,527 | 22,521,814 | 14,786,287 |
| Oregon | 19,235 | 278,039 | 2,958 | 268,454 | 865,226 | 596,772 |
| Pennsylvania | 1,010,205 | 3,947,264 | 38,318 | 3,343,211 | 10,529,866 | 7,186,655 |
| Tennessee | 345,145 | 2,422,606 | ---------- | 2,237,802 | 7,028,370 | 4,790,568 |
| Virginia | 155,721 | 281,243 | ---------- | 202,027 | 929,456 | 727,429 |
| Washington | 123,383 | 365,942 | 16,706 | 437,683 | 1,108,538 | 670,855 |
| Wisconsin | 426,502 | 1,107,019 | 8,334 | 1,533,332 | 3,999,831 | 2,466,499 |
| All other States [7] | 290,363 | 1,051,977 | 108 | 887,578 | 2,770,775 | 1,883,197 |

[3] Alabama, 2 establishments; Delaware, 1; Iowa, 2; Kansas, 1; Maryland, 2; Minnesota, 3; Missouri, 5; New Hampshire, 1; Tennessee, 1; Vermont, 1; Virginia, 1; and Washington, 2.

[4] Arkansas, 1 establishment; Colorado, 1; Connecticut, 2; Iowa, 1; Kentucky, 2; Louisiana, 1; Maryland, 3; Massachusetts, 4; New Jersey, 6; Oregon, 2; Tennessee, 1; Texas, 1; Virginia, 1; Washington, 1; and West Virginia, 3.

[5] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

[6] See Table 4.

[7] Arkansas, 1 establishment; Colorado, 1; Connecticut, 1; Kansas, 1; Maryland, 2; Nebraska, 1; New Hampshire, 1; North Carolina, 2; Rhode Island, 1; Texas, 1; West Virginia, 2.

# TIN PLATE AND TERNEPLATE

[A preliminary report for this industry was issued under date of December 13, 1926]

**Description of the industry.**—This industry, for census purposes, consists of the coating of black plates with tin or with terne mixture, the latter being an alloy of tin and lead, in the different grades of which the proportion of tin varies. The manufacture of black plates is a rolling-mill operation, and all the coating reported for 1925 was in dipping departments of the mills which roll the plates. At previous censuses, however, there were a few establishments which did not roll their own plates and sheets. No attempt was made at this census to obtain separate "general statistics"—number of employees, salaries and wages, cost of materials, horsepower, etc.—for the dipping departments of rolling mills. The data for these items are, therefore, included in the statistics for the "Steel works and rolling mills" industry. (See Tables 1, 2, 3, and 21, pp. 441, 442, 443, and 465, respectively.)

TIN PLATE AND TERNEPLATE—PRODUCTS, BY CLASS, QUANTITY, AND VALUE AND EQUIPMENT, BY NUMBER OF SETS AND CAPACITY, FOR THE UNITED STATES: 1919 TO 1925

| | 1925 | 1923 | 1921 | 1919 |
|---|---|---|---|---|
| PRODUCTS | | | | |
| Total value | $190,017,778 | $165,587,376 | $89,128,817 | $180,325,368 |
| Tin plate and terneplate: | | | | |
| Pounds | 3,661,837,667 | 3,206,551,763 | 1,725,781,116 | 2,639,224,064 |
| Value | $188,010,849 | $162,476,076 | $93,181,449 | $175,776,283 |
| Tin plate— | | | | |
| Pounds | 3,480,401,286 | 3,159,250,830 | 1,638,373,059 | 2,373,253,028 |
| Value | $179,381,673 | $154,636,231 | $90,530,976 | $164,958,677 |
| Average per pound | $0.052 | $0.049 | $0.055 | $0.070 |
| Coke plate— | | | | |
| Pounds | 3,424,407,663 | 3,083,383,143 | 1,605,957,939 | 2,336,703,917 |
| Value | $175,626,381 | $149,762,050 | $88,263,204 | $161,874,598 |
| Charcoal plate— | | | | |
| Pounds | 55,993,623 | 75,867,687 | 32,415,120 | 36,549,081 |
| Value | $3,755,292 | $4,867,181 | $2,267,772 | $3,083,979 |
| Terneplate, including long terne— | | | | |
| Pounds | 181,436,381 | 137,300,933 | 87,408,057 | 165,071,030 |
| Value | $9,229,176 | $7,839,845 | $5,650,473 | $10,817,500 |
| Average per pound | $0.051 | $0.057 | $0.065 | $0.065 |
| All other products, including tin dross, scruff, scrap, etc., value | $2,306,929 | $3,111,300 | $2,947,368 | $4,549,085 |
| EQUIPMENT | | | | |
| Number of dipping sets at end of year | 568 | [1] 813 | 903 | 910 |
| Usually employed on tin plate | 525 | 765 | 852 | 862 |
| Usually employed on terneplate | 43 | [1] 48 | 51 | 48 |
| Daily capacity, single turn, pounds | 6,933,568 | [1] 6,188,700 | 6,085,459 | 6,332,288 |
| Tin plate | 6,544,700 | 5,851,500 | 5,542,799 | 5,820,948 |
| Terneplate | 388,868 | [1] 337,200 | 542,660 | 511,340 |

[1] The differences between these items and the corresponding ones given in the report for 1923 are due to the correction of errors.

# WIRE, DRAWN FROM PURCHASED BARS OR RODS

[A preliminary report for this industry was issued under date of March 24, 1927]

**Description of the industry.**—The wire industry, as defined for census purposes, consists in the drawing of wire from purchased bars or rods of iron, steel, copper, or other metals, and does not, therefore, include production by the wire-drawing departments of iron, steel, copper, and other rolling mills. It does not include the manufacture of aluminum wire made by establishments engaged primarily in the manufacture of aluminum products. The statistics in Tables 1–3 and 10 relate only to the wire industry proper, but the detailed figures given in Tables 4–9 refer to all establishments reporting the production of wire, regardless of the industries in which classified. As will be seen by reference to Table 4, the output of iron and steel wire by the wire departments of steel works and rolling mills considerably exceeds that reported for mills in the "Wire" industry proper. Some of the establishments in this industry manufacture various fabricated-wire products of the same classes as those made by establishments in other industries. (See "Fabricated-wire products, all industries," below.)

**Wire production, all industries.**—Tables 4 and 5 show the production of wire by all establishments reporting it, regardless of industry classification. The quantities and values of fabricated-wire products manufactured by establishments in the wire industry and by the wire departments of rolling mills, but not by establishments in other industries, are also included.

**Fabricated-wire products, all industries.**—In many instances establishments engaged in the drawing of wire also operate fabricating departments in which they manufacture nails, woven-wire fencing, insulated wire, and other fabricated-wire products. When these products are manufactured by establishments which do not draw their own wire, they are normally classified in other industries, particularly "Wirework, not elsewhere classified" and "Electrical machinery, apparatus, and supplies." Table 6 has been prepared to show the total production of wire and fabricated-wire products for all industries.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

| YEAR OR PERIOD | Number of establishments | Wage earners (average number) | Wages | Paid for contract work | Cost of materials [1] | Value of products | Value added by manufacture [2] | Horsepower |
|---|---|---|---|---|---|---|---|---|
| 1925 | 68 | 18,544 | $26,927,604 | $8,874 | $127,250,514 | $184,462,536 | $57,212,022 | 138,115 |
| 1923 | 64 | 21,310 | 29,861,860 | 4,381 | 133,883,057 | 196,364,212 | 62,481,155 | 123,923 |
| 1921 | 61 | 14,332 | 17,809,545 | ---------- | 62,705,464 | 99,945,614 | 37,240,150 | (3) |
| 1919 | 66 | 19,741 | 29,289,667 | 774,423 | 102,813,591 | 162,151,236 | 59,337,645 | [4] 119,301 |
| 1914 | 54 | 17,600 | 11,020,729 | 17,410 | 56,424,494 | 81,841,012 | 25,416,518 | [4] 83,900 |
| | PER CENT OF INCREASE OR DECREASE (—) | | | | | | | |
| 1923–1925 | (5) | —13.0 | —9.8 | 102.6 | —5.0 | —6.1 | —8.4 | 11.5 |
| 1921–1923 | (5) | 43.7 | 67.7 | ---------- | 113.5 | 96.5 | 67.8 | ---------- |
| 1921–1925 | (5) | 25.0 | 51.2 | ---------- | 102.9 | 84.6 | 53.6 | ---------- |
| 1914–1925 | (5) | 5.4 | 144.3 | —49.0 | 125.5 | 125.4 | 125.1 | 64.6 |

[1] Including also cost of fuel, mill supplies, and electric power.
[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)
[3] Not called for on schedule.
[4] These figures differ slightly from the corresponding ones published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric. (See footnote 1, Table 3, p. 481.)
[5] Not computed where base is less than 100.

## TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

[Rhode Island, for which no figures are given in this table, reported larger numbers of wage earners than Indiana]

| STATE | Average number employed during year | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June |
| United States: | | | | | | | |
| 1925 [1] | 18,544 | 19,478 | 19,566 | 19,362 | 18,679 | 17,947 | 17,875 |
| 1923 [1] | 21,310 | 20,990 | 21,398 | 21,857 | 21,348 | 21,415 | 21,327 |
| 1921 [1] | 14,832 | 17,678 | 16,419 | 15,549 | 14,475 | 14,067 | 13,932 |
| 1919 [1] | 19,741 | 21,043 | 20,868 | 19,993 | 19,038 | 18,988 | 18,656 |
| Connecticut | 996 | 1,033 | 1,021 | 1,022 | 994 | 959 | 951 |
| Illinois | 2,725 | 3,292 | 3,244 | 2,982 | 2,727 | 2,470 | 2,403 |
| Indiana | 642 | 759 | 696 | 679 | 631 | 628 | 614 |
| Massachusetts | 3,617 | 3,718 | 3,652 | 3,579 | 3,623 | 3,523 | 3,524 |
| New Jersey | 3,131 | 3,305 | 3,288 | 3,321 | 3,208 | 3,105 | 3,088 |
| New York | 1,773 | 1,660 | 1,743 | 1,811 | 1,768 | 1,754 | 1,729 |
| Ohio | 2,083 | 2,151 | 2,208 | 2,215 | 2,098 | 1,941 | 1,993 |
| Pennsylvania | 2,213 | 2,169 | 2,297 | 2,329 | 2,225 | 2,167 | 2,205 |

| STATE | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|
| | July | August | September | October | November | December |
| United States: | | | | | | |
| 1925 [1] | *17,514* | 17,788 | 18,125 | 18,576 | 18,724 | 18,891 |
| 1923 [1] | 20,933 | *20,810* | 21,290 | 21,458 | 21,436 | 21,463 |
| 1921 [1] | *12,851* | 13,530 | 14,150 | 14,537 | 15,515 | 15,586 |
| 1919 [1] | 19,838 | 21,016 | 21,282 | *17,555* | 18,796 | 20,039 |
| Connecticut | 1,004 | 931 | 991 | 1,010 | 1,007 | 1,027 |
| Illinois | 2,254 | 2,407 | 2,612 | 2,704 | 2,742 | 2,803 |
| Indiana | 563 | 573 | 620 | 697 | 728 | 722 |
| Massachusetts | 3,495 | 3,490 | 3,587 | 3,673 | 3,751 | 3,794 |
| New Jersey | 3,036 | 3,032 | 3,036 | 3,090 | 3,017 | 3,045 |
| New York | 1,698 | 1,725 | 1,800 | 1,822 | 1,853 | 1,907 |
| Ohio | 1,940 | 1,967 | 2,040 | 2,112 | 2,186 | 2,131 |
| Pennsylvania | 2,163 | 2,252 | 2,201 | 2,235 | 2,135 | 2,180 |

[1] Month of maximum employment indicated by bold-faced figures and that of minimum employment by *italic* figures. Per cent which minimum forms of maximum: 1925, 89.5; 1923, 95.2; 1921, 72.7; 1919, 81.5.

TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

| TYPE | 1925 | | 1923 | | 1919 | |
|---|---|---|---|---|---|---|
| | Number | Horsepower | Number | Horsepower | Number | Horsepower |
| Prime movers, total | 4,569 | 138,115 | 3,596 | 123,923 | 2,295 | [1] 119,301 |
| Steam engines | 83 | 38,601 | 102 | 48,644 | 101 | 36,021 |
| Steam turbines | 19 | 16,042 | | | 28 | 25,645 |
| Internal-combustion engines | 3 | 405 | 4 | 1,836 | 8 | 1,966 |
| Water wheels and turbines | 12 | 1,146 | 16 | 1,535 | 10 | 639 |
| Electric motors driven by purchased current | 4,452 | 81,921 | 3,474 | 71,808 | 2,148 | 55,030 |
| Electric motors, total | 6,623 | 123,997 | 5,157 | 103,602 | 3,329 | 86,646 |
| Driven by purchased current | 4,452 | 81,921 | 3,474 | 71,808 | 2,148 | 55,030 |
| Driven by current generated in establishment reporting | 2,171 | 42,076 *Kilowatts* | 1,683 | 31,794 *Kilowatts* | 1,181 | 31,616 *Kilowatts* |
| Electric generators | 57 | 16,497 | ([2]) | ([2]) | ([2]) | ([2]) |

[1] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

[2] Not called for on schedule.

TABLE 4.—NUMBER OF WIRE-DRAWING ESTABLISHMENTS AND VALUE OF PRODUCTS, ALL INDUSTRIES, FOR THE UNITED STATES: 1925, 1923, AND 1921

| | NUMBER OF ESTABLISHMENTS | | | VALUE OF PRODUCTS | | | Per cent of increase or decrease (—) | |
|---|---|---|---|---|---|---|---|---|
| | 1925 | 1923 | 1921 | 1925 | 1923 | 1921 | 1923–1925 | 1921–1923 |
| Total | 124 | 126 | 107 | $456,396,074 | $486,654,126 | $251,234,826 | —6.2 | 93.7 |
| Wire and manufactures of wire | | | | 441,908,472 | 473,857,015 | 244,833,218 | —6.7 | 93.5 |
| Products of— | | | | | | | | |
| Wire industry (from purchased rods) | 68 | 64 | 61 | 176,917,862 | 190,568,171 | 95,975,810 | —7.2 | 98.6 |
| Wire departments of steel works and rolling mills | 35 | 32 | 25 | 201,459,482 | 217,844,264 | 115,681,060 | —7.5 | 88.3 |
| Wire departments of brass and copper rolling mills and other establishments [1] | 21 | 30 | 21 | 63,531,128 | 65,444,580 | 33,176,348 | —2.9 | 97.3 |
| Products other than wire and manufactures of wire | | | | 14,487,602 | 12,797,111 | 6,401,608 | 13.2 | 99.9 |

[1] Not including fabricated-wire products of "other establishments." (See footnote 4, Table 5, p. 484.)

TABLE 5.—WIRE AND WIRE PRODUCTS, BY CLASS, QUANTITY, AND VALUE, ALL WIRE-DRAWING ESTABLISHMENTS, FOR THE UNITED STATES: 1925, 1923, AND 1921

[This table does not include data covering the production of aluminum wire by establishments engaged primarily in the manufacture of aluminum products, as no figures are available showing the production of aluminum wire]

| CLASS | 1925 | | | 1923 (total) | 1921 (total) |
|---|---|---|---|---|---|
| | Total | Products of wire industry (from purchased rods) | Products of wire departments of rolling mills and other establishments | | |
| Total value | $456,396,074 | $184,402,536 | $271,933,538 | $486,654,120 | $251,234,820 |
| Wire and wire products | $441,908,472 | $176,917,862 | $264,990,610 | $473,857,015 | $244,833,218 |
| WIRE | | | | | |
| Iron and steel wire: | | | | | |
| Plain wire, production, tons | 2,963,236 | 733,854 | 2,229,382 | 3,124,649 | 1,725,360 |
| For sale— | | | | | |
| Tons | 794,476 | 195,491 | 598,985 | 887,003 | 315,728 |
| Value | $61,435,981 | $20,073,676 | $41,362,305 | $67,323,062 | $27,943,790 |
| Average per ton | $77.33 | $102.68 | $69.05 | $80.43 | $88.50 |
| Transferred for consumption in other plants of same company— | | | | | |
| Tons | 111,707 | 71,739 | 40,028 | 75,111 | 47,775 |
| Assigned value | $10,400,233 | $7,843,489 | $2,562,744 | $6,675,066 | $5,557,290 |
| Produced and consumed in same works, tons | 2,056,993 | 466,624 | 1,590,369 | 2,212,535 | 1,361,857 |
| Galvanized wire, production, tons | 803,728 | 188,891 | 614,837 | 952,498 | 529,678 |
| For sale— | | | | | |
| Tons | 194,295 | 50,197 | 144,098 | 273,884 | 162,487 |
| Value | $13,158,402 | $4,273,204 | $8,885,198 | $18,811,473 | $12,588,694 |
| Average per ton | $67.72 | $85.13 | | $68.68 | $77.50 |
| Transferred for consumption in other plants of same company— | | | | | |
| Tons | 54,837 | 29,832 | 25,005 | 57,017 | 41,907 |
| Assigned value | $4,087,769 | $2,412,108 | $1,675,661 | $4,200,015 | $3,646,764 |
| Produced and consumed in same works, tons | 554,596 | 108,862 | 445,734 | 621,597 | 325,284 |
| Other coated wire, production, tons | 43,130 | 20,533 | 13,597 | 95,932 | 18,905 |
| For sale— | | | | | |
| Tons | 30,807 | 27,389 | 12,418 | 53,002 | 17,843 |
| Value | $4,973,874 | $3,853,052 | $1,120,822 | $6,269,996 | $2,051,761 |
| Average per ton | $124.95 | $140.68 | | $118.10 | $115.00 |
| Transferred for consumption in other plants of same company— | | | | | |
| Tons | 2,068 | 1,546 | 522 | 987 | 333 |
| Assigned value | $224,397 | $182,871 | $41,526 | $123,081 | $41,139 |
| Produced and consumed in same works, tons | 1,255 | 598 | 657 | 41,943 | 724 |
| Cold-rolled flat wire, production, tons | 155,378 | 55,171 | 100,207 | 141,709 | 59,829 |
| For sale— | | | | | |
| Tons | 141,930 | 42,105 | 99,825 | 135,118 | 55,485 |
| Value | $17,672,894 | $6,906,153 | $10,766,741 | $18,947,251 | $8,471,192 |
| Average per ton | $124.52 | $164.02 | | $140.22 | $153.00 |
| Transferred to other works of same company— | | | | | |
| Tons | 9,002 | 8,686 | 316 | 4,905 | 1,960 |
| Assigned value | $1,185,734 | $1,155,303 | $30,431 | $745,451 | $400,562 |
| Consumed in works, tons | 4,446 | 4,380 | 66 | 1,776 | 2,384 |
| Copper wire: [2] | | | | | |
| For sale— | | | | | |
| Pounds | 470,103,788 | 237,801,344 | 241,242,444 | 452,134,000 | 201,044,000 |
| Value | $81,216,080 | $39,788,542 | $41,427,538 | $78,625,195 | $33,454,312 |
| Average per pound | $0.170 | | | $0.173 | $0.166 |
| Transferred for consumption in other plants of same company— | | | | | |
| Pounds | 25,325,200 | 24,713,400 | 611,800 | 35,266,000 | 12,430,000 |
| Assigned value | $4,291,320 | $4,192,887 | $98,433 | $6,261,114 | $2,148,567 |

See footnotes at end of table

TABLE 5.—WIRE AND WIRE PRODUCTS, BY CLASS, QUANTITY, AND VALUE, ALL WIRE-DRAWING ESTABLISHMENTS, FOR THE UNITED STATES: 1925, 1923, AND 1921—Continued

[See note at head of this table]

| CLASS | 1925 | | | 1923 (total) | 1921 (total) |
|---|---|---|---|---|---|
| | Total | Products of wire industry (from purchased rods) | Products of wire departments of rolling mills and other establishments | | |
| WIRE—continued | | | | | |
| Brass wire: [2] | | | | | |
| For sale— | | | | | |
| Pounds | 63,807,360 | 7,036,509 | 56,860,851 | [3] 67,788,684 | 21,803,523 |
| Value | $12,187,994 | $1,687,188 | $10,500,806 | [3] $16,416,811 | $3,944,138 |
| Average per pound | $0.191 | | | $0.242 | $0.18 |
| Transferred for consumption in other plants of same company— | | | | | |
| Pounds | 241,471 | 241,471 | | 240,289 | 168,534 |
| Assigned value | $39,782 | $39,782 | | $42,759 | $30,336 |
| Other wire: [2] | | | | | |
| For sale— | | | | | |
| Pounds | 45,589,038 | 3,097,844 | 42,491,194 | [3] 29,460,647 | 19,848,514 |
| Value | $13,682,389 | $1,769,950 | $11,912,439 | [3] $9,903,209 | $5,487,111 |
| WIRE PRODUCTS [4] | | | | | |
| Iron and steel: | | | | | |
| Nails and spikes— | | | | | |
| Kegs (100 pounds) | 15,234,100 | 2,262,101 | 12,971,999 | 17,375,606 | 11,297,861 |
| Value | $51,125,810 | $8,081,412 | $43,044,398 | $61,973,011 | $41,506,456 |
| Average per keg | $3.36 | | | $3.57 | $3.67 |
| Brads and tacks— | | | | | |
| Pounds | 5,235,675 | 50,600 | 5,185,075 | 3,404,540 | 2,646,380 |
| Value | $576,692 | $4,860 | $571,832 | $379,706 | $329,226 |
| Average per pound | $0.110 | | | $0.108 | $0.135 |
| Staples— | | | | | |
| Pounds | 51,489,371 | 9,916,800 | 41,572,571 | 62,617,610 | 41,735,453 |
| Value | $1,755,285 | $388,607 | $1,366,588 | $2,278,076 | $1,536,224 |
| Average per pound | $0.034 | $0.039 | $0.033 | $0.036 | $0.037 |
| Barbed wire, plain and coated— | | | | | |
| Tons | 241,286 | 31,136 | 210,150 | 253,950 | 139,081 |
| Value | $16,156,691 | $2,228,328 | $13,928,363 | $19,123,346 | $11,051,245 |
| Average per ton | $66.96 | $71.57 | $66.28 | $75.30 | $79.50 |
| Rope, cable, and strand— | | | | | |
| Tons | 114,515 | 69,002 | 45,513 | 114,420 | 56,886 |
| Value | $30,467,709 | $17,218,325 | $13,249,384 | $29,427,120 | $14,826,083 |
| Average per ton | $266.06 | $249.53 | $291.11 | $257.18 | $261.00 |
| Woven-wire fence and poultry netting, plain and coated— | | | | | |
| Tons | 325,020 | 85,219 | 239,801 | 413,212 | 242,292 |
| Value | $27,576,443 | $8,308,708 | $19,267,735 | $37,363,824 | $24,642,180 |
| Average per ton | $84.85 | $97.50 | $80.35 | $90.42 | $102.00 |
| Other woven-wire products— | | | | | |
| Tons | 43,116 | 5,759 | 37,357 | 14,986 | 22,801 |
| Value | $6,361,327 | $1,803,594 | $4,557,733 | $5,403,037 | $5,343,951 |
| Other fabricated-wire products, including washers, springs, bale ties, etc.— | | | | | |
| Tons | 130,730 | 42,218 | 88,512 | 108,597 | 61,513 |
| Value | $12,462,187 | $4,522,397 | $7,939,790 | $11,364,773 | $6,638,749 |
| Copper: | | | | | |
| Insulated wire— | | | | | |
| Pounds | 135,755,826 | 80,160,084 | 55,595,742 | 135,718,000 | 90,680,000 |
| Value | $29,199,245 | $18,408,366 | $10,790,879 | $28,024,075 | $17,463,354 |
| Insulated cable— | | | | | |
| Total value | $32,781,232 | $18,903,286 | $13,877,946 | $36,067,754 | $8,505,628 |
| Pounds [5] | 91,724,528 | 24,949,778 | 66,774,750 | [5] 173,908,000 | 41,260,000 |
| Value | $23,703,601 | $9,825,745 | $13,877,946 | [6] $36,067,754 | $8,505,628 |
| Feet [5] | 46,588,080 | 46,588,080 | | | |
| Value | $9,077,541 | $9,077,541 | | | |
| Rubber insulated— | | | | | |
| Total value | $22,740,225 | $13,486,433 | $9,253,792 | $17,999,865 | $7,218,086 |
| Pounds [5] | 67,264,978 | 22,509,778 | 44,755,200 | 79,154,000 | 33,144,000 |
| Value | $18,530,710 | $9,276,918 | $9,253,792 | $17,999,865 | $7,218,086 |
| Feet [5] | 39,183,767 | 39,183,767 | | | |
| Value | $4,209,515 | $4,209,515 | | | |

See footnotes at end of table

TABLE 5.—WIRE AND WIRE PRODUCTS, BY CLASS, QUANTITY, AND VALUE, ALL WIRE-DRAWING ESTABLISHMENTS, FOR THE UNITED STATES: 1925, 1923, AND 1921—Continued

[See note at head of this table]

| CLASS | 1925 | | | 1923 (total) | 1921 (total) |
|---|---|---|---|---|---|
| | Total | Products of wire industry (from purchased rods) | Products of wire departments of rolling mills and other establishments | | |
| WIRE PRODUCTS—continued | | | | | |
| Copper—Continued. | | | | | |
| Insulated cable—Continued. | | | | | |
| Paper insulated— | | | | | |
| Total value | $7,632,744 | $5,416,853 | $2,215,891 | $9,873,267 | $1,286,942 |
| Pounds [3] | 15,197,000 | 2,440,000 | 12,757,000 | 50,754,000 | 8,115,000 |
| Value | $2,764,718 | $548,827 | $2,215,891 | $9,873,267 | $1,286,942 |
| Feet [5] | 7,404,313 | 7,404,313 | | | |
| Value | $4,868,026 | $4,868,026 | | | |
| Other insulated, value | $2,408,263 | | $2,408,263 | | |
| Other manufactures from copper wire, including woven wire— | | | | | |
| Total value | $8,365,656 | $2,354,338 | $6,011,318 | $6,368,380 | $6,978,669 |
| Pounds | | 5,050,070 | | | |
| Value | $7,023,057 | $1,011,739 | $6,011,318 | $6,368,380 | $6,978,669 |
| Feet | 12,353,054 | 12,353,054 | | | |
| Value | $1,342,599 | $1,342,599 | | | |
| Other metals: Fabricated-wire products, total value | $517,346 | $517,346 | | $1,847,830 | $345,779 |
| Pounds | 120,602 | 120,602 | | | |
| Feet | 2,678,853 | 2,678,853 | | | |
| MISCELLANEOUS PRODUCTS | | | | | |
| Finished products other than wire, value [7] | $8,015,208 | $4,393,073 | $3,622,135 | $5,230,121 | $1,499,579 |
| Sulphate of iron (copperas): | | | | | |
| Tons | 16,820 | 8,144 | 8,676 | 20,054 | 20,481 |
| Value | $211,327 | $103,291 | $108,036 | $455,786 | $320,368 |
| All other products, including scrap, dross, and skimmings, value | $6,221,609 | $3,009,879 | $3,211,730 | $6,880,218 | $3,542,021 |
| Amount received for custom work and repairing | $39,458 | $38,431 | $1,027 | $230,986 | $1,039,640 |

[1] For 1923: Wire industry, $196,304,212; wire departments of rolling mills and other establishments, $290,289,914. For 1921: Wire industry, $99,945,614; wire departments of rolling mills and other establishments, $151,289,212.

[2] No data for nonferrous wire produced and consumed in the same works. "Other wire" includes bronze, nickel, silver, Monel, aluminum, and other metal alloys.

[3] Figures for brass wire as published in previous reports revised by deducting 15,832,121 pounds of bronze wire, valued at $3,958,030. These figures have been added to those for "Other wire."

[4] Not including products of establishments manufacturing wire products from purchased wire. For total output of these products for all industries (both plants drawing wire and plants manufacturing wire products from purchased wire), see Table 6, p. 485.

[5] The schedule called for quantity in pounds, but some manufacturers reported it in feet.

[6] Includes 44,000,000 pounds of insulated cable, not distributed as to kind, valued at $8,194,622.

[7] Includes metallic electric conduit, etc.

## TABLE 6.—WIRE AND WIRE PRODUCTS, ALL INDUSTRIES COMBINED: 1925 AND 1923

[Data showing the production of wire and wire products in all industries have been assembled in this table in order to show, as far as practicable, the total production of all classes of wire products]

| | 1925 | | 1923 | |
|---|---|---|---|---|
| | Quantity | Value | Quantity | Value |
| Wire and wire products, total value | | $702,038,644 | | $691,909,079 |
| Products of wire-drawing establishments | | 441,908,472 | | 473,857,015 |
| Products of establishments that use purchased wire as material | | 260,130,172 | | 218,052,064 |
| Bare wire, total value (for detail see Table 5) | | 224,562,849 | | 234,236,083 |
| Wire products, total value | | 477,475,795 | | 457,672,996 |
| Insulated wire and cable | | 210,617,310 | | 184,472,095 |
| Insulated wire (not reported by kind of insulation), pounds | 135,755,826 | 29,199,245 | 135,718,000 | 28,024,075 |
| Insulated cable (not reported by kind of insulation) | | [1] 32,781,232 | | 36,067,754 |
| Reported in pounds | 91,724,528 | 21,295,428 | [2] 173,908,000 | [2] 36,067,754 |
| Reported in feet | 46,688,080 | 9,077,541 | (3) | (3) |
| Rubber insulated | | 22,740,225 | 79,154,000 | 17,999,865 |
| Reported in pounds | 67,264,978 | 18,530,710 | 79,154,000 | 17,999,865 |
| Reported in feet | 39,183,767 | 4,209,515 | (3) | (3) |
| Paper insulated | | 7,632,744 | 50,754,000 | 9,873,267 |
| Reported in pounds | 15,197,000 | 2,764,718 | 50,754,000 | 9,873,267 |
| Reported in feet | 7,404,313 | 4,868,026 | (3) | (3) |
| Lead insulated | (4) | 2,335,407 | (4) | (4) |
| Cotton insulated | (4) | 72,856 | (4) | (4) |
| Insulated wire and cable (not reported separately), by kind of insulation, total value | | 148,636,833 | | 120,380,266 |
| Rubber insulated— | | | | |
| Lighting and power circuit— | | | | |
| Braided | (4) | 29,017,142 | | |
| Leaded | (4) | 9,250,445 | (4) | 41,669,214 |
| Telephone | (4) | 8,627,849 | | |
| Flexible cords (rubber insulation, cotton and silk covered) | (4) | 15,671,325 | (4) | 12,454,427 |
| Cotton insulated— | | | | |
| Weatherproof | (4) | 13,115,497 | | |
| Slow burning | (4) | 441,086 | (4) | 10,302,582 |
| Paper insulated— | | | | |
| Lighting and power circuit | (4) | 12,055,419 | | |
| Telephone and telegraph cable (including submarine) | (4) | 40,059,425 | (4) | 35,744,837 |
| Varnished-cambric insulated | (4) | 5,152,708 | (4) | 4,558,819 |
| Asbestos insulated | (4) | 1,523,341 | (4) | 1,822,125 |
| Magnet— | | | | |
| Cotton and silk covered | (4) | 8,673,450 | (4) | 11,705,116 |
| Enameled | (4) | 5,048,246 | (4) | 2,423,146 |
| Iron and steel wire products | | 243,539,028 | | 256,421,562 |
| Nails and spikes (kegs of 100 pounds) | 15,977,435 | 53,623,415 | 18,160,709 | 64,879,975 |
| Brads and tacks, pounds | 7,340,953 | 808,907 | 3,966,864 | 428,485 |
| Staples, pounds | 53,426,527 | 1,853,007 | 63,644,123 | 2,372,675 |
| Barbed wire, plain and coated, tons | 247,970 | 16,658,737 | 255,690 | 19,275,658 |
| Rope, cable, and strand, tons | 155,315 | 46,684,334 | 159,399 | 44,216,923 |
| Woven-wire fence and poultry netting, plain and coated, tons | 492,661 | 41,969,462 | 532,364 | 50,727,689 |
| Other woven wire | | 24,188,517 | | 28,832,254 |
| Other iron and steel wire manufactures, including washers, springs, etc | | 57,762,649 | | 45,687,903 |
| Copper wire products, fabricated, including woven wire | | 8,941,704 | | 6,740,353 |
| Other wire products (bronze, brass, and other alloys, not reported separately) | | 14,377,753 | | 10,038,986 |

[1] Includes value of lead and cotton covered cable for which quantities were not reported.
[2] Includes 44,000,000 pounds of insulated cable, not reported separately as to kind, valued at $8,194,622.
[3] Reported in pounds only.
[4] Not reported.

TABLE 7.—NUMBER OF WIRE-DRAWING ESTABLISHMENTS REPORTING SPECIFIED CLASSES OF WIRE AND WIRE PRODUCTS, BY INDUSTRIES, 1925, 1923, AND 1921, AND BY STATES, 1925

| STATE | Total number of establishments | Wire mills | Wire departments of rolling mills and other establishments | IRON AND STEEL | | | | | | | | COPPER | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Wire, plain | Wire, galvanized | Other coated wire | Wire nails and spikes | Wire brads, tacks, and staples | Barbed wire, plain and coated | Wire rope, cable, and strand | Woven-wire fence and poultry netting | Wire, plain | Insulated wire | Woven-wire products | Brass wire | Wire of other metals and alloys |
| United States: | | | | | | | | | | | | | | | | |
| 1925 | 124 | 68 | 56 | 88 | 43 | 22 | 43 | 31 | 29 | 16 | 28 | 33 | 17 | 2 | 19 | 19 |
| 1923 | 126 | 64 | 62 | 84 | 45 | 26 | 41 | 29 | 28 | 16 | 30 | 33 | 17 | 2 | 24 | 20 |
| 1921 | 107 | 61 | 46 | 61 | 35 | 20 | 38 | 28 | 24 | 16 | 28 | 27 | 21 | 1 | 23 | 18 |
| Wire mills— | | | | | | | | | | | | | | | | |
| 1925 | 68 | 68 | ---- | 53 | 18 | 14 | 19 | 10 | 8 | 9 | 9 | 18 | 10 | 2 | 8 | 6 |
| 1923 | 64 | 64 | ---- | 51 | 20 | 17 | 17 | 10 | 8 | 9 | 11 | 15 | 8 | 2 | 8 | 8 |
| 1921 | 61 | 61 | ---- | 38 | 16 | 17 | 21 | 14 | 9 | 8 | 15 | 13 | 12 | 1 | 5 | 8 |
| Wire departments of rolling mills and other establishments— | | | | | | | | | | | | | | | | |
| 1925 | 56 | ---- | 56 | 35 | 25 | 8 | 24 | 21 | 21 | 7 | 19 | 15 | 7 | ---- | 11 | 13 |
| 1923 | 62 | ---- | 62 | 33 | 25 | 9 | 24 | 19 | 20 | 7 | 19 | 18 | 9 | ---- | 16 | 12 |
| 1921 | 46 | ---- | 46 | 23 | 10 | 3 | 17 | 14 | 15 | 8 | 13 | 14 | 0 | ---- | 18 | 10 |
| Alabama | 2 | ---- | 2 | 2 | 2 | ---- | 2 | 2 | 2 | ---- | 2 | ---- | ---- | ---- | ---- | ---- |
| California | 1 | ---- | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ---- | ---- | 1 | ---- | ---- | ---- | ---- |
| Colorado | 1 | ---- | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ---- | 1 | ---- | ---- | ---- | ---- | ---- |
| Connecticut | 13 | 6 | 7 | 5 | 2 | 3 | 1 | ---- | ---- | 1 | 1 | 4 | 2 | ---- | 8 | 6 |
| Georgia | 1 | ---- | 1 | 1 | 1 | ---- | 1 | ---- | 1 | ---- | 1 | ---- | ---- | ---- | ---- | ---- |
| Illinois | 16 | 9 | 7 | 11 | 7 | 3 | 8 | 6 | 7 | 1 | 7 | 6 | 1 | 1 | ---- | 1 |
| Indiana | 5 | 3 | 2 | 4 | 4 | ---- | 4 | 4 | 4 | 1 | 4 | 1 | 1 | ---- | ---- | ---- |
| Kentucky | 1 | 1 | ---- | 1 | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| Massachusetts | 12 | 11 | 1 | 12 | 4 | 4 | 3 | 2 | ---- | 2 | ---- | 3 | 1 | ---- | 2 | 1 |
| Michigan | 3 | ---- | 3 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | ---- | 2 | 1 |
| Minnesota | 1 | ---- | 1 | 1 | 1 | ---- | 1 | 1 | 1 | ---- | 1 | ---- | ---- | ---- | ---- | ---- |
| Missouri | 2 | 1 | 1 | 1 | ---- | ---- | ---- | ---- | ---- | 1 | ---- | 1 | 1 | ---- | ---- | ---- |
| Montana | 1 | ---- | 1 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | ---- | ---- | ---- |
| New Jersey | 14 | 10 | 4 | 9 | ---- | 2 | 1 | ---- | ---- | 2 | ---- | 6 | 4 | ---- | 5 | 5 |
| New York | 9 | 5 | 4 | 4 | 2 | 1 | 2 | 1 | ---- | 1 | 1 | 5 | 3 | 1 | 1 | 1 |
| Ohio | 12 | 6 | 6 | 12 | 8 | 6 | 6 | 4 | 4 | 2 | 3 | ---- | 1 | ---- | ---- | ---- |
| Pennsylvania | 23 | 11 | 12 | 19 | 9 | 1 | 9 | 7 | 7 | 4 | 7 | 1 | 1 | ---- | ---- | 4 |
| Rhode Island | 3 | 2 | 1 | 1 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 2 | 2 | ---- | ---- | ---- |
| Wisconsin | 4 | 3 | 1 | 3 | 1 | ---- | 2 | 2 | ---- | 1 | ---- | 1 | ---- | ---- | 1 | ---- |

## TABLE 8.—EQUIPMENT AND CAPACITY: 1925 AND 1923

[The statistics in this table cover all establishments reporting wire equipment, regardless of the industry classification]

[Ton, 2,000 pounds]

| KIND | TOTAL | | | WIRE INDUSTRY | | WIRE DEPARTMENTS OF ROLLING MILLS AND OTHER ESTABLISHMENTS | |
|---|---|---|---|---|---|---|---|
| | 1925 | 1923 | Per cent of increase or decrease (−) | 1925 | 1923 | 1925 | 1923 |
| Wire-drawing blocks: | | | | | | | |
| Number | 57,438 | 58,507 | −1.8 | 28,073 | 29,299 | 29,365 | 29,208 |
| Rod | 12,278 | [1] 12,003 | 2.3 | 3,369 | 3,408 | 8,909 | [1] 8,595 |
| Redrawing | 11,451 | 11,635 | −1.6 | 7,715 | 8,115 | 3,736 | 3,520 |
| Fine wire (below No. 20) | 33,709 | [1] 34,869 | −3.3 | 16,989 | 17,776 | 16,720 | [1] 17,093 |
| Annual capacity, tons | 5,087,307 | 5,017,453 | 1.4 | 1,391,592 | 1,487,631 | 3,695,715 | 3,529,822 |
| Wire-nail machines: | | | | | | | |
| Number | 6,277 | 5,968 | 5.2 | 1,332 | 1,442 | 4,945 | 4,526 |
| Annual capacity (kegs of 100 pounds) | 24,822,250 | 25,003,700 | −.7 | 4,803,050 | 5,460,700 | 20,019,200 | 19,543,000 |
| Barbed-wire machines: | | | | | | | |
| Number | 1,463 | 1,554 | −5.9 | 294 | 400 | 1,169 | 1,154 |
| Annual capacity, tons | 751,400 | 777,190 | −3.3 | 158,300 | 185,590 | 593,100 | 591,600 |
| Woven-wire-fence machines: | | | | | | | |
| Number | 485 | 493 | −1.6 | 134 | 114 | 351 | 379 |
| Annual capacity, tons | 793,101 | 764,403 | 3.8 | 168,501 | 153,903 | 624,600 | 610,500 |
| Poultry-netting machines: | | | | | | | |
| Number | 200 | 224 | −10.7 | 109 | 134 | 91 | 90 |
| Annual capacity, tons | 45,488 | 60,628 | −25.0 | 32,178 | 48,378 | 13,310 | 12,250 |
| Stands of cold-rolling machines: | | | | | | | |
| Number | 904 | 992 | −8.9 | 534 | 567 | 370 | 425 |
| Annual capacity, tons | 193,795 | 200,730 | −3.5 | 65,295 | 65,150 | 128,500 | 135,580 |

[1] The differences between these items and the corresponding ones given in the report for 1923 are due to revisions in data reported by certain manufacturers.

## TABLE 9.—EQUIPMENT AND CAPACITY, BY STATES: 1925

[The statistics in this table cover all establishments reporting wire equipment, regardless of the industry classification]

[Ton, 2,000 pounds]

| STATE | WIRE-DRAWING BLOCKS | | | | WIRE-NAIL MACHINES | |
|---|---|---|---|---|---|---|
| | Number | | | Annual capacity, tons | Number | Annual capacity, kegs (100 pounds) |
| | Rod | Redrawing | Fine (below No. 20) | | | |
| United States | 12,278 | 11,451 | 33,709 | 5,087,307 | 6,277 | 24,822,250 |
| Pennsylvania | 2,841 | 763 | 235 | 1,620,558 | 1,903 | 9,688,500 |
| Illinois | 1,377 | 1,041 | 2,550 | 803,445 | 767 | 3,660,000 |
| Ohio | 1,337 | 1,286 | 11,927 | 735,000 | 1,841 | 5,310,000 |
| Indiana | 475 | 163 | 65 | 265,450 | 354 | 1,712,200 |
| Alabama | 480 | 108 | | 268,000 | 400 | 2,460,000 |
| New Jersey | 3,209 | 944 | 1,990 | 273,566 | 2 | 11,850 |
| Massachusetts | 1,011 | 3,617 | 10,253 | 254,428 | 69 | 140,000 |
| New York | 231 | 1,555 | 4,291 | 206,068 | 278 | 211,200 |
| Connecticut | 440 | 1,281 | 1,120 | 169,185 | 4 | 4,500 |
| Colorado | 302 | 116 | 24 | 160,000 | 254 | 60,000 |
| All other States | 525 | 577 | 945 | 331,607 | 405 | 1,564,000 |

## TABLE 9.—EQUIPMENT AND CAPACITY, BY STATES: 1925—Continued

[See note at head of this table]

[Ton, 2,000 pounds]

| STATE | BARBED-WIRE MACHINES | | WOVEN-WIRE-FENCE MACHINES | | POULTRY-NETTING MACHINES | | COLD-ROLLING MACHINES, STANDS | |
|---|---|---|---|---|---|---|---|---|
| | Number | Annual capacity, tons | Number | Annual capacity, tons | Number | Annual capacity, tons | Number | Annual capacity, tons |
| United States | 1,463 | 751,400 | 485 | 793,101 | 200 | 45,488 | 904 | 193,795 |
| Pennsylvania | 604 | 286,600 | 175 | 297,100 | 11 | 3,500 | 95 | 9,200 |
| Illinois | 306 | 161,900 | 145 | 242,000 | 75 | 23,563 | 14 | 1,000 |
| Ohio | 166 | 94,600 | 35 | 60,000 | | | 185 | 110,300 |
| Indiana | 102 | 50,300 | 40 | 38,232 | 9 | 2,865 | | |
| Alabama | 129 | 62,000 | 56 | 103,000 | | | | |
| New Jersey | | | | | | | 272 | 31,150 |
| Massachusetts | | | | | | | 333 | 41,840 |
| New York | | | | | 66 | 4,500 | | |
| Connecticut | | | 3 | 269 | 26 | 5,810 | 3 | 300 |
| Colorado | 65 | 36,000 | 15 | 18,000 | 11 | 2,250 | | |
| All other States | 91 | 60,000 | 16 | 28,500 | 2 | 3,000 | 2 | 5 |

## TABLE 10.—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Rhode Island, however, reported a larger value of products than Connecticut, Indiana, and Ohio]

| STATE | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY | | | | Horsepower |
|---|---|---|---|---|---|---|
| | | Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | |
| United States | 68 | 20,954 | 4 | [1] 2,406 | 18,544 | 138,115 |
| Connecticut | 6 | 1,119 | ------- | 123 | 996 | 8,415 |
| Illinois | 9 | 3,025 | ------- | 300 | 2,725 | 18,248 |
| Indiana | 3 | 701 | ------- | 59 | 642 | 3,519 |
| Massachusetts | 11 | 4,047 | 4 | 426 | 3,617 | 29,103 |
| New Jersey | 10 | 3,491 | ------- | 360 | 3,131 | 28,713 |
| New York | 5 | 2,195 | ------- | 422 | 1,773 | 11,754 |
| Ohio | 6 | 2,205 | ------- | 122 | 2,083 | 7,125 |
| Pennsylvania | 11 | 2,614 | ------- | 401 | 2,213 | 16,661 |
| All other States [2] | 7 | 1,557 | ------- | 193 | 1,364 | 14,577 |

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products | Value added by manufacture [3] |
|---|---|---|---|---|---|---|
| United States | [1] $5,643,193 | $26,927,604 | $8,874 | $127,250,514 | [4] $184,462,536 | $57,212,022 |
| Connecticut | 374,858 | 1,463,739 | ------- | 3,706,745 | 8,201,452 | 4,494,707 |
| Illinois | 767,833 | 3,791,726 | ------- | 16,815,833 | 23,187,795 | 6,371,962 |
| Indiana | 152,207 | 776,024 | ------- | 3,104,828 | 4,447,613 | 1,342,785 |
| Massachusetts | 862,286 | 6,062,425 | ------- | 11,682,809 | 23,807,219 | 12,124,410 |
| New Jersey | 910,320 | 4,240,100 | 8,874 | 36,087,198 | 46,332,399 | 10,245,201 |
| New York | 713,935 | 2,496,757 | ------- | 22,930,634 | 27,544,552 | 4,613,918 |
| Ohio | 401,717 | 3,344,342 | ------- | 9,022,087 | 13,989,624 | 4,967,537 |
| Pennsylvania | 991,851 | 3,053,280 | ------- | 8,891,412 | 17,195,298 | 8,303,886 |
| All other States [2] | 468,186 | 1,699,211 | ------- | 15,008,968 | 19,756,584 | 4,747,616 |

[1] Not including 251 salaried officers and employees of central administrative offices, with salaries aggregating $636,477. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 2,657 salaried officers and employees and $6,279,670. (See "Central-administrative-office employees," p. 1193.)

[2] Kentucky, 1 establishment; Missouri, 1; Rhode Island, 2; Wisconsin, 3.

[3] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

[4] Represents establishments classified in wire industry only. (See "Description of the industry," p. 479.)

# WIREWORK, NOT ELSEWHERE CLASSIFIED

[A preliminary report for this industry was issued under date of March 24, 1927]

**Description of the industry.**—This classification embraces establishments engaged in the manufacture, from purchased wire, of woven-wire fencing, nails, wire cloth and netting, wire rope and cable, barbed wire, wire baskets, kitchen wire goods, wire springs, and other fabricated-wire products. It does not include data for plants manufacturing insulated wire, which is treated, for census purposes, as a product of the "Electrical machinery, apparatus, and supplies" industry.

**Detailed statistics of products.**—Fabricated-wire products are manufactured chiefly in departments of wire-drawing plants. In order to publish statistics showing the total production of products manufactured from wire, data covering the production of wire products as reported by establishments classified in all industries have been assembled and are presented in detail in Table 6, page 485. (See report for the industry, "Wire, drawn from purchased bars or rods," p. 479.)

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under $5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5]

| YEAR OR PERIOD | Number of establishments | Wage earners (average number) | Wages | Paid for contract work | Cost of materials [1] | Value of products | Value added by manufacture [2] | Horsepower |
|---|---|---|---|---|---|---|---|---|
| 1925 | 462 | 19,268 | $23,834,812 | $106,867 | $59,604,126 | $115,428,872 | $55,824,746 | 35,943 |
| 1923 | 443 | 16,783 | 19,340,549 | 123,423 | 52,279,608 | 100,248,108 | 47,968,500 | 31,617 |
| 1921 | 413 | 11,485 | 13,314,017 | 83,486 | 37,039,301 | 66,384,507 | 29,345,206 | [3] |
| 1919 | 558 | 15,224 | 15,505,992 | 126,213 | 50,754,070 | 90,549,245 | 39,795,175 | [4] 29,036 |
| 1914 | 552 | 12,126 | 6,719,222 | 87,468 | 24,113,708 | 41,789,394 | 17,675,686 | [4] 21,405 |
| | PER CENT OF INCREASE OR DECREASE (—) | | | | | | | |
| 1923–1925 | 4.3 | 14.8 | 23.2 | —13.4 | 14.0 | 15.1 | 16.4 | 13.7 |
| 1921–1923 | 7.3 | 46.1 | 45.3 | 47.8 | 41.1 | 51.0 | 63.5 | ---------- |
| 1921–1925 | 11.9 | 67.8 | 79.0 | 28.0 | 60.9 | 73.9 | 90.2 | ---------- |
| 1914–1925 | —16.3 | 58.9 | 254.7 | 22.2 | 147.2 | 176.2 | 215.8 | 67.9 |

[1] Including also cost of fuel, mill supplies, and electric power.
[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)
[3] Not called for on schedule.
[4] These figures differ slightly from the corresponding ones published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric. (See footnote 1, Table 3, p. 491.)

## TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

[Some of the States for which no figures are given in this table reported larger numbers of wage earners than some of those for which statistics are shown. See headnote, Table 4, p. 491]

| STATE | Average number employed during year | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June |
| United States: | | | | | | | |
| 1925 [1] | 19,208 | 18,650 | 18,929 | 19,280 | 19,336 | 19,194 | *18,646* |
| 1923 [1] | 16,783 | 16,513 | 16,793 | 17,104 | 17,184 | 16,781 | 16,588 |
| 1921 [1] | 11,485 | 11,928 | 12,039 | 12,072 | 12,149 | 11,338 | 10,832 |
| 1919 [1] | 15,224 | 14,996 | 14,964 | 15,048 | *14,826* | 14,903 | 15,108 |
| California | 657 | 710 | 736 | 715 | 668 | 624 | 581 |
| Connecticut | 631 | 620 | 552 | 558 | 660 | 679 | 681 |
| Illinois | 1,800 | 1,788 | 1,835 | 1,829 | 1,774 | 1,726 | 1,683 |
| Indiana | 439 | 421 | 458 | 488 | 478 | 462 | 437 |
| Iowa | 226 | 247 | 250 | 260 | 274 | 234 | 230 |
| Kentucky | 16 | 17 | 17 | 17 | 16 | 16 | 16 |
| Maryland | 157 | 176 | 179 | 190 | 156 | 151 | 139 |
| Massachusetts | 1,677 | 1,607 | 1,687 | 1,701 | 1,714 | 1,667 | 1,545 |
| Michigan | 5,061 | 4,641 | 4,748 | 4,954 | 5,019 | 5,204 | 4,886 |
| Minnesota | 75 | 61 | 63 | 71 | 86 | 88 | 92 |
| Missouri | 862 | 835 | 851 | 838 | 854 | 856 | 872 |
| Nebraska | 26 | 22 | 23 | 24 | 23 | 24 | 23 |
| New Jersey | 1,206 | 1,279 | 1,282 | 1,280 | 1,285 | 1,293 | 1,278 |
| New York | 1,814 | 1,860 | 1,806 | 1,768 | 1,860 | 1,780 | 1,697 |
| Ohio | 2,341 | 2,289 | 2,354 | 2,342 | 2,309 | 2,287 | 2,309 |
| Oklahoma | 17 | 11 | 14 | 18 | 21 | 18 | 18 |
| Pennsylvania | 1,579 | 1,456 | 1,438 | 1,451 | 1,488 | 1,458 | 1,546 |
| Rhode Island | 74 | 85 | 68 | 81 | 90 | 91 | 83 |
| Texas | 20 | 26 | 27 | 27 | 27 | 26 | 26 |
| Wisconsin | 317 | 325 | 327 | 333 | 322 | 318 | 314 |

| STATE | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|
| | July | August | September | October | November | December |
| United States: | | | | | | |
| 1925 [1] | 18,718 | 18,920 | 19,385 | 20,248 | 20,134 | 19,776 |
| 1923 [1] | 16,409 | 16,455 | *16,333* | 16,880 | 17,243 | 16,918 |
| 1921 [1] | 10,862 | *10,808* | 11,048 | 11,408 | 11,641 | 11,602 |
| 1919 [1] | 15,468 | 15,045 | 15,435 | 15,331 | 15,623 | 15,941 |
| California | 594 | 589 | 606 | 649 | 691 | 722 |
| Connecticut | 684 | 640 | 572 | 594 | 648 | 685 |
| Illinois | 1,673 | 1,680 | 1,807 | 1,932 | 1,932 | 1,938 |
| Indiana | 406 | 413 | 403 | 416 | 441 | 447 |
| Iowa | 205 | 211 | 194 | 203 | 203 | 195 |
| Kentucky | 16 | 16 | 17 | 17 | 18 | 12 |
| Maryland | 161 | 143 | 148 | 154 | 145 | 143 |
| Massachusetts | 1,565 | 1,561 | 1,555 | 1,740 | 1,831 | 1,870 |
| Michigan | 5,064 | 5,254 | 5,304 | 5,525 | 5,240 | 4,804 |
| Minnesota | 81 | 66 | 74 | 78 | 75 | 69 |
| Missouri | 852 | 851 | 878 | 886 | 895 | 876 |
| Nebraska | 23 | 25 | 30 | 30 | 38 | 31 |
| New Jersey | 1,279 | 1,269 | 1,245 | 1,231 | 1,229 | 1,253 |
| New York | 1,666 | 1,729 | 1,847 | 1,934 | 1,952 | 1,861 |
| Ohio | 2,281 | 2,284 | 2,335 | 2,434 | 2,449 | 2,422 |
| Oklahoma | 18 | 16 | 18 | 18 | 17 | 16 |
| Pennsylvania | 1,573 | 1,623 | 1,730 | 1,752 | 1,703 | 1,728 |
| Rhode Island | 71 | 61 | 65 | 63 | 62 | 67 |
| Texas | 27 | 25 | 24 | 24 | 24 | 24 |
| Wisconsin | 293 | 286 | 325 | 330 | 321 | 311 |

[1] Month of maximum employment indicated by bold-faced figures and that of minimum employment by *italic* figures. Per cent which minimum forms of maximum: 1925, 92.1; 1923, 94.7; 1921, 89; 1919, 93.

## TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

| TYPE | 1925 | | 1923 | | 1919 | |
|---|---|---|---|---|---|---|
| | Number | Horsepower | Number | Horsepower | Number | Horsepower |
| Prime movers, total | 4,811 | 35,943 | 3,597 | 31,617 | 2,509 | [1] 29,036 |
| Steam engines | 33 | 4,675 | 42 | 6,002 | 62 | 10,370 |
| Steam turbines | | | | | 1 | 200 |
| Internal-combustion engines | 23 | 509 | 24 | 431 | 77 | 1,206 |
| Water wheels and turbines | 4 | 151 | 5 | 201 | 5 | 495 |
| Electric motors driven by purchased current | 4,751 | 30,608 | 3,526 | 24,983 | 2,364 | 16,705 |
| Electric motors, total | 5,248 | 33,594 | 4,233 | 28,048 | 3,581 | 22,917 |
| Driven by purchased current | 4,751 | 30,608 | 3,526 | 24,983 | 2,364 | 16,705 |
| Driven by current generated in establishment reporting | 497 | 2,986 | 707 | 3,065 | 1,217 | 6,212 |
| | | *Kilowatts* | | *Kilowatts* | | *Kilowatts* |
| Electric generators | 39 | 2,803 | (2) | (2) | (2) | (2) |

[1] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

[2] Not called for on schedule.

## TABLE 4.—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately]

| STATE | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY | | | | Horsepower |
|---|---|---|---|---|---|---|
| | | Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | |
| United States | 462 | 22,697 | 291 | [1] 3,138 | 19,268 | 35,943 |
| California | 27 | 798 | 26 | 115 | 657 | 2,518 |
| Connecticut | 19 | 752 | 10 | 111 | 631 | 1,022 |
| Illinois | 48 | 2,163 | 32 | 331 | 1,800 | 2,329 |
| Indiana | 15 | 549 | 1 | 109 | 439 | 1,160 |
| Iowa | 8 | 293 | 5 | 62 | 226 | 489 |
| Kentucky | 3 | 21 | 2 | 3 | 16 | 14 |
| Maryland | 12 | 212 | 16 | 39 | 157 | 134 |
| Massachusetts | 26 | 1,947 | 8 | 262 | 1,677 | 2,249 |
| Michigan | 37 | 5,619 | 13 | 545 | 5,061 | 6,917 |
| Minnesota | 7 | 98 | 4 | 19 | 75 | 93 |
| Missouri | 12 | 1,109 | 6 | 241 | 862 | 2,554 |
| Nebraska | 6 | 37 | 5 | 6 | 26 | 74 |
| New Jersey | 27 | 1,529 | 5 | 258 | 1,266 | 2,467 |
| New York | 88 | 2,187 | 74 | 299 | 1,814 | 2,128 |
| Ohio | 42 | 2,831 | 11 | 479 | 2,341 | 5,523 |
| Oklahoma | 3 | 20 | 3 | | 17 | 22 |
| Pennsylvania | 37 | 1,759 | 26 | 154 | 1,579 | 4,868 |
| Rhode Island | 4 | 90 | 4 | 12 | 74 | 44 |
| Texas | 5 | 37 | 4 | 7 | 26 | 43 |
| Wisconsin | 12 | 382 | 23 | 42 | 317 | 528 |
| All other States [2] | 24 | 264 | 13 | 44 | 207 | 767 |

See footnotes at end of table

TABLE 4.—GENERAL STATISTICS, BY STATES: 1925—Continued

[See note at head of this table]

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products | Value added by manufacture [3] |
|---|---|---|---|---|---|---|
| United States | [1] $7,999,724 | $23,834,812 | $106,867 | $59,604,126 | $115,428,872 | $55,824,746 |
| California | 290,487 | 830,501 | 8,196 | 3,251,102 | 5,383,787 | 2,612,685 |
| Connecticut | 279,629 | 744,504 | 5,383 | 1,415,840 | 3,207,351 | 1,791,511 |
| Illinois | 750,932 | 2,218,073 | 2,523 | 4,859,687 | 10,008,506 | 5,148,819 |
| Indiana | 269,530 | 461,135 | 32,000 | 2,343,301 | 3,421,535 | 1,078,234 |
| Iowa | 112,844 | 171,280 | ---------- | 789,755 | 1,361,535 | 571,780 |
| Kentucky | 3,530 | 20,400 | 200 | 10,522 | 68,902 | 58,380 |
| Maryland | 81,859 | 126,980 | 37 | 175,262 | 521,178 | 345,916 |
| Massachusetts | 453,585 | 2,015,836 | 5,729 | 3,674,855 | 7,567,367 | 3,892,512 |
| Michigan | 1,578,004 | 6,235,541 | ---------- | 15,639,901 | 28,883,824 | 13,243,923 |
| Minnesota | 45,065 | 74,284 | ---------- | 172,451 | 370,386 | 197,935 |
| Missouri | 629,891 | 949,162 | ---------- | 4,556,835 | 8,325,028 | 3,768,193 |
| Nebraska | 4,201 | 33,228 | ---------- | 98,909 | 179,631 | 80,722 |
| New Jersey | 661,110 | 1,634,360 | 4,052 | 4,307,162 | 7,901,591 | 3,594,429 |
| New York | 893,289 | 2,508,972 | 43,006 | 4,075,700 | 9,973,119 | 5,897,410 |
| Ohio | 1,302,847 | 3,423,441 | 3,685 | 5,728,431 | 13,423,018 | 7,694,587 |
| Oklahoma | ---------- | 22,664 | ---------- | 64,474 | 97,046 | 32,572 |
| Pennsylvania | 394,542 | 1,572,471 | 600 | 6,054,191 | 9,764,626 | 3,710,435 |
| Rhode Island | 22,179 | 71,389 | ---------- | 172,983 | 298,711 | 125,728 |
| Texas | 13,755 | 28,287 | 456 | 67,733 | 157,354 | 89,621 |
| Wisconsin | 126,013 | 412,670 | 1,000 | 562,868 | 1,503,666 | 940,798 |
| All other States [2] | 86,432 | 279,654 | ---------- | 1,582,155 | 2,530,711 | 948,556 |

[1] Not including 32 salaried officers and employees of central administrative offices, with salaries aggregating $79,560. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 3,170 salaried officers and employees and $8,079,284. (See "Central-administrative-office employees," p. 1193.)

[2] Alabama, 1 establishment; Colorado, 4; Kansas, 3; Louisiana, 2; Montana, 1; Oregon, 2; Tennessee, 3; Vermont, 2; Virginia, 1; Washington, 4; West Virginia, 1.

[3] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.

# SUMMARY FOR INDUSTRIES IN GROUP 3 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES

[This table presents summary statistics for the industries in Group 3 other than those for which separate reports are given on pp. 420–492. More detailed statistics for 1925 are given, for the United States as a whole, in Table II, p. 1288; and summaries for States and large cities, carrying statistics for these industries in comparison with those for other industries, appear in Tables III and IV, pp. 1302 and 1381. See "General explanations," pp. 3–12; in particular, "Limitation of statistics to establishments reporting products valued at $5,000 or more," p. 5, "Power equipment," p. 6, "Cost of materials," p. 7, "Value added by manufacture," p. 8, and "State and city statistics," p. 10]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| **BOLTS, NUTS, WASHERS, AND RIVETS, IRON AND STEEL, NOT MADE IN ROLLING MILLS** | | | | | | | |
| [*Principal products:* Bolts, nuts, rivets, washers, riveting burrs, turnbuckles, toggle bolts, stay bolts, plate washers, grip-lock nuts, expansion screws, expansion shields, etc.] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 127 | 13,907 | 54,767 | $17,942,305 | $38,506,711 | [1] $75,925,784 | $37,419,073 |
| 1923 | 126 | 15,962 | 48,036 | 20,207,049 | 41,873,677 | [1] 84,431,047 | 42,557,370 |
| 1921 | 125 | 10,148 | (2) | 10,260,344 | 18,547,629 | [1] 35,773,454 | 17,225,825 |
| 1919 | 144 | 17,967 | 49,959 | 20,973,834 | 44,277,117 | [1] 89,743,882 | 45,466,765 |
| *States, 1925* | | | | | | | |
| Connecticut | 11 | 261 | 1,583 | 310,544 | 561,803 | 1,379,280 | 817,477 |
| Illinois | 19 | 1,060 | 3,137 | 1,342,423 | 3,488,064 | 7,253,148 | 3,765,084 |
| Indiana | 5 | 879 | 3,778 | 1,103,315 | 3,267,116 | 5,009,100 | 1,741,984 |
| Massachusetts | 9 | 1,322 | 2,934 | 1,306,868 | 1,840,757 | 5,073,441 | 3,232,684 |
| Michigan | 6 | 309 | 1,819 | 426,183 | 1,174,489 | 2,164,856 | 990,367 |
| New Jersey | 4 | 359 | 1,148 | 541,066 | 1,081,609 | 2,657,024 | 1,575,415 |
| Ohio | 21 | 4,330 | 11,829 | 5,734,468 | 10,810,169 | 21,787,034 | 10,976,865 |
| Pennsylvania | 23 | 2,844 | 17,049 | 3,263,761 | 9,053,731 | 16,739,923 | 7,681,192 |
| Rhode Island | 6 | 807 | 2,378 | 922,153 | 1,163,105 | 2,768,760 | 1,605,655 |
| All other States [3] | 23 | 1,736 | 9,112 | 2,486,524 | 6,060,868 | 11,093,218 | 5,032,350 |

[1] For total production of iron and steel bolts, nuts, washers, etc., in 1925 and 1923 by all plants (including rolling mills), see Table 6, p. 449. No comparable data for 1921 and 1919 available.
[2] Not called for on schedule.
[3] Alabama, 2 establishments; California, 4; Iowa, 1; Maryland, 2; Minnesota, 1; Missouri, 3; New York, 6; Oregon, 1; Washington, 1; Wisconsin, 2.

**CUTLERY (NOT INCLUDING SILVER AND PLATED CUTLERY) AND EDGE TOOLS**

[*Principal products:* Table and kitchen cutlery, pocketknives, putty knives, butchers' cutlery, razors (both plain and safety), scissors, pruning shears, clippers, axes, hatchets, chisels, cutting dies, etc.]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| *United States* | | | | | | | |
| 1925 | 211 | 16,407 | 51,673 | $20,226,033 | $20,562,009 | [1] $80,263,252 | $59,701,243 |
| 1923 | 211 | 16,671 | 43,171 | 19,750,933 | 17,159,825 | [1] 72,477,013 | 55,317,188 |
| 1921 | 210 | 14,345 | (2) | 14,749,993 | 14,973,967 | [1] 49,341,204 | 34,367,237 |
| 1919 | 304 | 19,859 | 38,555 | 20,048,465 | 19,477,437 | [1] 66,629,570 | 47,152,133 |
| *States, 1925* | | | | | | | |
| California | 3 | 18 | 53 | 30,810 | 13,779 | 64,030 | 50,251 |
| Connecticut | 31 | 2,912 | 7,751 | 3,803,093 | 2,966,154 | 9,227,412 | 6,261,258 |
| Illinois | 12 | 760 | 1,670 | 1,150,495 | 1,210,389 | 3,661,957 | 2,451,568 |
| Massachusetts | 39 | 3,197 | 8,561 | 4,027,838 | 5,506,713 | 32,309,071 | 26,802,358 |
| Michigan | 5 | 139 | 447 | 133,937 | 200,569 | 431,276 | 230,707 |
| Missouri | 5 | 217 | 554 | 320,733 | 355,445 | 944,488 | 589,043 |
| New Jersey | 19 | 1,423 | 2,501 | 1,823,296 | 979,071 | 4,839,596 | 3,860,525 |
| New York | 36 | 3,664 | 7,825 | 4,528,038 | 5,633,794 | 15,964,510 | 10,330,716 |
| Ohio | 19 | 1,381 | 1,641 | 1,525,901 | 1,065,316 | 4,516,457 | 3,451,141 |
| Pennsylvania | 22 | 881 | 3,855 | 1,043,905 | 844,402 | 2,926,917 | 2,082,515 |
| Wisconsin | 4 | 157 | 284 | 216,688 | 240,584 | 758,405 | 517,821 |
| All other States [3] | 16 | 1,658 | 16,531 | 1,621,299 | 1,545,793 | 4,619,133 | 3,073,340 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of cutlery and edge tools, but does not include values of cutlery and edge tools made as secondary products by establishments classified in other industries. The total value of cutlery and edge tools manufactured in 1925, regardless of the industry classification of the establishments in which manufactured, so far as separately reported to the Bureau of the Census, was $77,366,820, including the following: Razors and blades, $39,779,448; table cutlery, $8,268,660; axes and hatchets, $5,928,196; pocketknives, $5,472,339; scissors and shears, $4,780,288; augers, bits, chisels, planes, etc., $3,302,864; cutting dies, $2,153,392; all other cutlery, $5,050,183; other edge tools, $2,631,452.
[2] Not called for on schedule.
[3] Arkansas, 1 establishment; Colorado, 1; Indiana, 2; Iowa, 2; Kentucky, 1; Maine, 1; Maryland, 1; Minnesota, 1; New Hampshire, 2; Rhode Island, 2; Washington, 1; West Virginia, 1.

## SUMMARY FOR INDUSTRIES IN GROUP 3 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 493]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| **DOORS, SHUTTERS, AND WINDOW SASH AND FRAMES—IRON AND STEEL** | | | | | | | |
| [*Principal products:* Sheet-metal, metal-covered, and hollow metal elevator and vault doors; fire-retardant doors for buildings and for mines; steel shutters; metal and metal-covered window frames, moldings, and sashes] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 92 | 9,791 | 16,699 | $12,899,071 | $21,627,746 | [1] $50,078,034 | $28,450,288 |
| 1923 | 37 | 2,429 | 3,981 | 4,332,767 | 5,604,210 | [1] 15,367,111 | 9,762,901 |
| 1921 | 45 | 1,782 | (2) | 2,880,909 | 4,289,274 | [1] 12,466,701 | 8,177,427 |
| 1919 | 57 | 2,077 | 4,013 | 2,729,774 | 4,577,934 | [1] 10,877,001 | 6,299,067 |
| *States, 1925* | | | | | | | |
| California | 8 | 339 | 554 | 672,346 | 828,326 | 2,208,021 | 1,409,695 |
| Illinois | 11 | 834 | 912 | 1,630,001 | 1,697,400 | 4,358,816 | 2,661,416 |
| Minnesota | 3 | 130 | 64 | 199,919 | 235,732 | 591,240 | 355,508 |
| Missouri | 6 | 169 | 385 | 262,256 | 510,404 | 1,008,281 | 497,877 |
| New Jersey | 8 | 241 | 541 | 490,491 | 443,103 | 1,362,962 | 919,859 |
| New York | 35 | 1,811 | 4,216 | 3,542,448 | 4,696,196 | 12,739,343 | 8,043,147 |
| Ohio | 7 | 507 | 843 | 740,574 | 1,315,457 | 3,787,184 | 2,471,727 |
| All other States [3] | 19 | 2,760 | 9,184 | 5,461,036 | 11,901,128 | 23,932,187 | 12,031,059 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of iron and steel doors, shutters, and window sash and frames, but does not include the values of iron and steel doors, shutters, and window sash and frames made as secondary products by establishments classified in other industries. The total value of iron and steel doors, shutters, and window sash and frames manufactured in 1925, regardless of the industry classification of the establishments in which manufactured, so far as separately reported to the Bureau of the Census, was $40,647,272.

[2] Not called for on schedule.

[3] Connecticut, 1 establishment; Georgia, 1; Indiana, 3; Iowa, 1; Kentucky, 1; Louisiana, 1; Maryland, 1; Massachusetts, 1; Michigan, 2; Pennsylvania, 3; Tennessee, 1; West Virginia, 1; Wisconsin, 2.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **FILES** | | | | | | | |
| [*Principal products:* Files (including small files for the use of jewelers, dentists, watchmakers, manicurists, etc.), and rasps of all kinds. The recutting of files is included] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 38 | 4,209 | 11,534 | $5,393,274 | $3,517,726 | [1] $13,540,953 | $10,023,227 |
| 1923 | 37 | 4,590 | 11,156 | 5,805,294 | 3,840,266 | [1] 13,565,444 | 9,725,188 |
| 1921 | 39 | 3,595 | (2) | 3,174,612 | 2,309,087 | [1] 7,647,252 | 5,338,165 |
| 1919 | 50 | 5,767 | 11,897 | 6,192,444 | 4,227,880 | [1] 17,616,563 | 13,388,683 |
| *States, 1925* | | | | | | | |
| New Jersey | 9 | 592 | 1,643 | 856,603 | 488,113 | 2,045,526 | 1,557,413 |
| New York | 5 | 282 | 613 | 294,847 | 149,314 | 618,459 | 469,145 |
| Ohio | 4 | 292 | 837 | 337,084 | 253,877 | 799,617 | 545,740 |
| Pennsylvania | 7 | 991 | 3,273 | 1,206,731 | 840,504 | 3,395,700 | 2,555,196 |
| All other States [3] | 13 | 2,052 | 5,168 | 2,698,009 | 1,785,918 | 6,081,651 | 4,295,733 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of files and rasps, but does not include the values of files and rasps made as secondary products by establishments classified in other industries. The total value of files and rasps manufactured in 1925, regardless of the industry classification of the establishments in which manufactured, so far as separately reported to the Bureau of the Census, was $14,234,805.

[2] Not called for on schedule.

[3] Connecticut, 2 establishments; Illinois, 2; Indiana, 2; Iowa, 1; Massachusetts, 2; Michigan, 1; Rhode Island, 3. Rhode Island reported a larger value of products than any of the States for which figures are given in the table.

## SUMMARY FOR INDUSTRIES IN GROUP 3 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 493]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| **FORGINGS, IRON AND STEEL, NOT MADE IN STEEL WORKS OR ROLLING MILLS** | | | | | | | |
| [*Principal products:* Light and heavy drop and steam-hammer forgings. These include such commodities as parts for automobiles, engines, and agricultural implements; car axles, wheels, frogs, and switches; anchors; anvils; vises; wrenches; steel and iron chain; etc.] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 218 | 20,290 | 120,014 | $31,312,956 | $68,081,206 | [1] $134,510,582 | $66,429,376 |
| 1923 | 234 | 27,468 | 136,022 | 40,207,057 | 92,353,222 | [1] 179,011,217 | 86,157,995 |
| 1921 | 240 | 16,740 | [2] | 20,635,787 | 44,336,717 | [1] 83,151,126 | 38,814,409 |
| 1919 | 241 | 28,391 | 100,996 | 39,772,553 | 82,024,492 | [1] 173,752,104 | 91,727,612 |
| *States, 1925* | | | | | | | |
| California | 8 | 95 | 1,017 | 174,085 | 405,038 | 905,269 | 500,231 |
| Connecticut | 14 | 1,514 | 5,504 | 2,310,538 | 3,205,072 | 7,441,223 | 4,236,151 |
| Illinois | 28 | 2,463 | 17,715 | 4,455,124 | 11,449,556 | 22,839,972 | 11,390,416 |
| Indiana | 8 | 1,110 | 11,346 | 1,721,538 | 5,532,149 | 8,617,128 | 3,084,979 |
| Massachusetts | 12 | 1,654 | 6,330 | 2,810,447 | 4,673,280 | 11,213,124 | 6,539,844 |
| Michigan | 14 | 1,036 | 3,039 | 1,808,674 | 3,505,801 | 7,146,567 | 3,640,766 |
| New Jersey | 11 | 548 | 2,747 | 842,032 | 1,947,725 | 3,155,155 | 1,207,430 |
| New York | 24 | 2,080 | 14,874 | 3,282,041 | 6,495,516 | 13,578,078 | 7,082,562 |
| Ohio | 35 | 5,825 | 28,822 | 8,094,039 | 17,771,755 | 33,927,991 | 16,156,236 |
| Pennsylvania | 41 | 2,061 | 19,497 | 3,832,215 | 8,300,399 | 16,476,588 | 8,176,189 |
| Washington | 7 | 150 | 1,209 | 191,223 | 436,871 | 844,467 | 407,596 |
| Wisconsin | 6 | 767 | 3,594 | 1,208,183 | 2,495,432 | 5,233,128 | 2,737,696 |
| All other States [3] | 10 | 387 | 3,420 | 492,767 | 1,802,612 | 3,131,892 | 1,269,280 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of forgings from purchased iron and steel: 1925, $5,300,201; corresponding amounts for earlier years not calculated. Does not include the following values of iron and steel forgings made as secondary products by establishments classified in other industries: 1925, $7,097,709; 1923, $3,849,200; 1921, $1,065,720; 1919, $6,996,484. For value of iron and steel forgings produced in steel works and rolling mills in 1925, so far as separately reported, see Table 5, p. 444.

[2] Not called for on schedule.

[3] Alabama, 1 establishment; Colorado, 1; Kentucky, 2; Maryland, 1; Missouri, 1; Oregon, 1; Tennessee, 1; Virginia, 2.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **GALVANIZING AND OTHER COATING, NOT DONE IN ROLLING MILLS** | | | | | | | |
| [The coating of sheet iron with zinc (galvanizing or sherardizing), aluminum, lead, etc., and retinning. Retinning is included with these processes as an operation distinct from the manufacture of tin plate and terneplate. The establishments in this industry do a large amount of contract work on materials owned by other establishments. (See "Contract work," p. 7.) The production of galvanized sheets and plates in rolling mills (Table 6, p. 449), and of galvanized wire in the wire industry and in the wire departments of rolling mills, greatly exceeds the production in the galvanizing industry (Table 5, p. 482)] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 54 | 804 | 1,881 | $1,127,862 | $2,891,944 | [1] $5,933,158 | $3,041,214 |
| 1923 | 51 | 877 | 1,856 | 1,183,404 | 3,363,069 | [1] 6,327,338 | 2,964,269 |
| 1921 | 51 | 685 | [2] | 843,620 | 2,161,406 | [1] 4,017,820 | 1,856,414 |
| 1919 | 52 | 1,665 | 1,571 | 2,247,953 | 10,532,288 | [1] 14,475,682 | 3,943,394 |
| *States, 1925* | | | | | | | |
| California | 4 | 32 | 109 | 54,958 | 98,985 | 261,322 | 162,337 |
| Illinois | 10 | 175 | 442 | 255,145 | 609,485 | 1,231,366 | 621,881 |
| New York | 6 | 97 | 202 | 146,785 | 232,102 | 548,730 | 316,628 |
| Ohio | 9 | 83 | 330 | 120,979 | 301,294 | 724,793 | 423,499 |
| Pennsylvania | 8 | 185 | 426 | 262,042 | 513,343 | 1,210,870 | 697,527 |
| All other States [3] | 17 | 232 | 372 | 287,353 | 1,136,735 | 1,956,077 | 819,342 |

[1] Consists principally of amounts received for custom and contract work on material furnished by others. Does not include the following receipts for galvanizing and other coating reported as secondary products by establishments classified in other industries: 1925, $544,478; 1923, $371,466; 1921, $125,263; 1919, $281,512.

[2] Not called for on schedule.

[3] Alabama, 1 establishment; Connecticut, 1; Kansas, 1; Maryland, 1; Massachusetts, 2; Michigan, 1; Minnesota, 1; Missouri, 1; New Jersey, 3; Oregon, 1; Washington, 1; West Virginia, 1; Wisconsin, 2.

## SUMMARY FOR INDUSTRIES IN GROUP 3 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 493]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| **HARDWARE, NOT ELSEWHERE CLASSIFIED** | | | | | | | |
| [*Principal products:* Motor-vehicle, coach, carriage, and railway hardware; builders' hardware; furniture, trunk, and suitcase hardware; marine hardware; plumbers' hardware; saddlery hardware; shoe hardware; stationery findings, etc. The manufacture of these lines embraces a large number of *specific* articles. More or less overlapping occurs between this industry and such industries as "Cutlery (not including silver and plated cutlery) and edge tools," "Tools, not including edge tools, machine tools, files, or saws," "Forgings, iron and steel, not made in steel works and rolling mills," and "Foundry and machine-shop products, not elsewhere classified," but the amount of such overlapping can not be estimated] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 476 | 52,349 | 98,278 | $65,561,817 | $77,502,839 | [1] $225,052,644 | $147,549,805 |
| 1923 | 473 | 52,205 | 84,006 | 63,470,745 | 80,597,525 | [1] 215,960,129 | 135,362,604 |
| 1921 | 456 | 35,228 | (2) | 36,240,193 | 41,520,050 | [1] 120,599,728 | 79,070,678 |
| 1919 | 585 | 46,180 | 74,240 | 49,273,749 | 62,815,358 | [1] 168,661,444 | 105,846,086 |
| *States, 1925* | | | | | | | |
| California | 12 | 226 | 298 | 349,521 | 221,825 | 826,485 | 604,660 |
| Connecticut | 64 | 21,605 | 42,275 | 26,337,747 | 23,767,086 | 83,025,789 | 59,258,703 |
| Illinois | 92 | 6,379 | 9,150 | 7,926,347 | 12,879,776 | 32,607,153 | 19,727,377 |
| Indiana | 11 | 417 | 1,615 | 356,108 | 338,356 | 1,635,787 | 797,431 |
| Iowa | 6 | 375 | 501 | 417,164 | 604,844 | 1,692,397 | 1,087,553 |
| Massachusetts | 27 | 708 | 1,463 | 1,020,981 | 1,499,022 | 3,958,041 | 2,459,019 |
| Michigan | 25 | 5,254 | 8,145 | 7,582,970 | 10,373,226 | 27,828,203 | 17,454,977 |
| Missouri | 12 | 607 | 1,131 | 686,786 | 1,018,633 | 2,354,423 | 1,335,790 |
| New Jersey | 27 | 1,559 | 3,016 | 1,837,957 | 2,477,084 | 6,993,550 | 4,516,466 |
| New York | 69 | 4,149 | 7,077 | 5,452,073 | 7,975,904 | 19,543,171 | 11,567,267 |
| Ohio | 43 | 3,875 | 7,822 | 5,036,908 | 6,064,136 | 16,628,596 | 10,564,460 |
| Pennsylvania | 46 | 5,644 | 11,168 | 6,902,162 | 7,229,961 | 21,716,478 | 14,486,517 |
| Rhode Island | 5 | 61 | 49 | 43,327 | 117,084 | 256,568 | 138,584 |
| Virginia | 4 | 113 | 242 | 87,785 | 111,106 | 308,506 | 197,400 |
| Wisconsin | 14 | 523 | 1,367 | 638,086 | 819,946 | 2,369,980 | 1,550,034 |
| All other States [3] | 19 | 804 | 2,269 | 878,035 | 1,503,950 | 3,307,517 | 1,803,567 |
| **HORSESHOES, NOT MADE IN ROLLING MILLS** | | | | | | | |
| [This classification covers those establishments other than rolling mills which manufacture horse and mule shoes and calks. The production of horseshoes in rolling mills, however, greatly exceeds that in the horseshoe industry. (See footnote 3)] | | | | | | | |
| *United States* [1] | | | | | | | |
| 1925 | [2] 9 | 193 | 1,042 | $274,950 | $496,289 | [3] $1,408,042 | $911,753 |
| 1923 | 10 | 256 | 1,341 | 332,271 | 737,306 | [3] 1,813,495 | 1,076,189 |
| 1921 | 12 | 207 | (4) | 314,352 | 964,778 | [3] 1,931,812 | 977,034 |
| 1919 | 20 | 744 | 3,874 | 830,249 | 1,536,619 | [3] 3,367,001 | 1,830,382 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of hardware, not elsewhere classified: 1925, $26,506,254, corresponding amounts for earlier years not calculated. Does not include the following values of hardware made as secondary products by establishments classified in other industries: 1925, $14,627,285; 1923, $9,656,153; 1921, $5,181,460; 1919, $13,381,571. The values of the principal classes of hardware (not elsewhere classified) manufactured in 1925, so far as separately reported to the Bureau of the Census, were as follows: Builders' hardware, including locks, $89,961,105; automobile and other vehicle hardware, $44,954,758; furniture hardware, including castors, $11,127,780; saddlery and harness hardware, $6,618,220; casket hardware, $5,127,705; trunk, suitcase, and leather goods hardware, $4,143,178; marine hardware, $2,282,638; refrigerator hardware, $1,803,703; piano, organ, and other musical instrument hardware, $1,702,720; cabinet and show-case hardware, $1,337,087; car seals and seal presses, $1,282,715; vacuum bottles and containers, $4,711,469; other hardware, $35,216,327.

[2] Not called for on schedule.

[3] Georgia, 1 establishment; Kansas, 2; Kentucky, 2; Maine, 2; Minnesota, 1; Nebraska, 1; New Hampshire, 3; Oklahoma, 1; Tennessee, 2; Texas, 1; Vermont, 2; Washington, 1.

[1] Statistics for States can not be shown without disclosing operations of individual establishments.

[2] Connecticut, 2 establishments; Illinois, 2; Massachusetts, 1; Minnesota, 2; New Jersey, 1; Wisconsin, 1.

[3] For the total production of horseshoes in 1925 and in 1923 by all plants (including rolling mills) see Table 6, p. 449. No comparable data for 1921 and 1919 available.

[4] Not called for on schedule.

## SUMMARY FOR INDUSTRIES IN GROUP 3 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 493]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| **IRON AND STEEL, PROCESSED** | | | | | | | |
| [The establishments classified under this head are those engaged primarily in "heat-treating"—hardening, tempering, annealing, etc.—or otherwise treating iron and steel, chiefly on a contract or custom basis. Prior to 1925 this industry, as classified for census purposes, embraced establishments engaged in job welding, but establishments of this character were not canvassed for that year] | | | | | | | |
| *United States* | | | | | | | |
| 1925 [1] | 20 | 306 | 1,870 | $556,638 | $642,699 | [2] $2,113,770 | $1,471,071 |
| *States, 1925* | | | | | | | |
| Illinois | 3 | 23 | 73 | 33,752 | 41,178 | 142,376 | 101,198 |
| Massachusetts | 4 | 28 | 466 | 39,868 | 103,858 | 202,758 | 98,900 |
| Michigan | 4 | 124 | 425 | 214,114 | 277,656 | 842,050 | 564,394 |
| Ohio | 6 | 33 | 310 | 55,284 | 53,398 | 212,675 | 159,277 |
| All other States [3] | 9 | 98 | 596 | 213,620 | 166,609 | 713,911 | 547,302 |
| **NAILS, SPIKES, ETC., NOT MADE IN ROLLING MILLS** | | | | | | | |
| [*Principal products:* Wire nails and spikes, cut nails and spikes, tacks, shoe nails and tacks, horseshoe nails, saddle nails, glaziers' points, wire-furring staples, boat spikes, etc. Wire nails and spikes are made chiefly in wire mills and wire-drawing departments of rolling mills (Table 5, p. 482), and cut and wrought nails are made principally in steel works and rolling mills (Table 6, p. 449)] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 58 | 2,227 | 8,102 | $2,609,773 | $5,645,626 | [1] $12,318,494 | $6,672,868 |
| 1923 | 61 | 2,849 | 10,275 | 3,235,142 | 7,005,168 | [1] 13,299,740 | 6,294,572 |
| 1921 | 56 | 2,412 | (2) | 2,575,961 | 5,670,025 | [1] 10,976,307 | 5,306,282 |
| 1919 | 65 | 3,355 | 8,971 | 3,397,562 | 8,874,747 | [1] 17,583,344 | 8,708,597 |
| *States, 1925* | | | | | | | |
| Illinois | 6 | 47 | 242 | 63,488 | 513,017 | 715,124 | 202,107 |
| Massachusetts | 22 | 932 | 2,828 | 1,055,261 | 2,228,219 | 5,039,169 | 2,810,950 |
| Missouri | 3 | 220 | 846 | 276,391 | 387,501 | 902,580 | 515,079 |
| New York | 5 | 187 | 818 | 290,715 | 511,537 | 1,245,964 | 734,427 |
| Ohio | 3 | 124 | 478 | 143,182 | 389,338 | 707,876 | 318,538 |
| Pennsylvania | 5 | 171 | 893 | 205,786 | 441,892 | 869,975 | 428,083 |
| All other States [3] | 14 | 546 | 1,997 | 574,950 | 1,174,122 | 2,837,806 | 1,663,684 |
| **PENS, STEEL AND BRASS** | | | | | | | |
| [*Principal products:* Writing and lettering pens (points) of steel, brass, or other metals, except gold] | | | | | | | |
| *United States* [1] | | | | | | | |
| 1925 | [2] 5 | 487 | 273 | $498,361 | $265,089 | [3] $1,445,573 | $1,180,484 |
| 1923 | 5 | 475 | 266 | 414,648 | 176,935 | [3] 1,171,070 | 994,135 |
| 1921 | 4 | 372 | (4) | 308,797 | 173,109 | [3] 846,277 | 673,168 |
| 1919 | 4 | 807 | 305 | 679,405 | 398,383 | [3] 1,679,541 | 1,281,158 |

[1] No comparable data available for earlier census years.
[2] Includes $267,721, the value of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the processing of iron and steel.
[3] California, 1 establishment; Connecticut, 2; New Jersey, 2; New York, 1; Pennsylvania, 1; Rhode Island, 1; Wisconsin, 1.

[1] For the total production of wire nails, spikes, etc., in 1925 and 1923, by all plants including wire mills and wire-drawing departments of rolling mills, see Table 6, p. 485; for total production of cut and wrought nails, spikes, etc., by all plants, see Table 6, p. 449. Comparable data for other years not available.
[2] Not called for on schedule.
[3] California, 2 establishments; Connecticut, 3; Indiana, 3; Kentucky, 1; Maryland, 1; New Hampshire, 1; New Jersey, 1; Rhode Island, 1; Wisconsin, 1.

[1] Statistics for States can not be given without disclosing operations of individual establishments.
[2] Connecticut, 1 establishment; Michigan, 1; New Jersey, 2; Pennsylvania, 1.
[3] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of steel and brass pens: 1925, $232,800; corresponding amounts for earlier years not calculated. Does not include the following values of steel and brass pens made as secondary products by establishments classified in other industries: 1925, $105,457; 1923, $163,517; 1921, $222,998; 1919, $237,904.
[4] Not called for on schedule.

## SUMMARY FOR INDUSTRIES IN GROUP 3 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 493]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| **PLUMBERS' SUPPLIES, NOT INCLUDING PIPE OR MARBLE, SLATE, AND PORCELAIN SANITARY WARE** | | | | | | | |
| [*Principal products:* Porcelain-enameled sanitary ware, flush valves, faucets, pipe hangers, bathand kitchen fixtures, plumbers' woodwork, etc. The manufacture of vitreous-china plumbing fixtures is included in the "Pottery" industry] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 239 | 33,280 | 84,534 | $40,953,808 | $63,610,253 | [1]$167,878,414 | $104,268,161 |
| 1923 | 234 | 27,201 | 59,973 | 38,046,537 | 51,460,378 | [1] 132,684,774 | 81,195,396 |
| 1921 | 220 | 16,670 | (2) | 20,396,947 | 25,759,927 | [1] 69,118,704 | 43,358,967 |
| 1919 | 214 | 13,502 | 29,695 | 15,962,517 | 27,797,007 | [1] 60,055,265 | 32,258,258 |
| *States, 1925* | | | | | | | |
| California | 17 | 1,555 | 4,544 | 2,440,315 | 3,207,550 | 6,935,560 | 3,728,001 |
| Connecticut | 9 | 1,061 | 2,955 | 1,395,372 | 2,585,321 | 5,069,703 | 2,484,442 |
| Illinois | 29 | 3,956 | 8,712 | 4,999,058 | 8,236,950 | 20,361,233 | 12,124,283 |
| Indiana | 7 | 755 | 1,735 | 871,108 | 1,685,680 | 3,345,226 | 1,659,546 |
| Maryland | 5 | 1,407 | 7,179 | 1,616,061 | 1,835,503 | 4,308,299 | 2,472,796 |
| Massachusetts | 15 | 695 | 1,354 | 800,921 | 1,840,716 | 3,902,821 | 2,110,105 |
| Michigan | 15 | 1,602 | 4,322 | 2,290,844 | 4,287,500 | 9,102,580 | 4,905,080 |
| Missouri | 5 | 258 | 823 | 343,316 | 326,058 | 922,638 | 595,580 |
| New Jersey | 13 | 1,600 | 4,195 | 2,408,176 | 2,915,780 | 7,518,121 | 4,602,341 |
| New York | 29 | 1,040 | 5,741 | 1,399,077 | 3,322,402 | 9,810,503 | 3,488,101 |
| Ohio | 37 | 2,806 | 5,200 | 3,862,841 | 5,048,505 | 12,840,023 | 7,791,518 |
| Pennsylvania | 28 | 6,703 | 18,408 | 10,648,819 | 13,016,880 | 36,090,382 | 23,073,502 |
| Wisconsin | 11 | 3,113 | 9,548 | 5,343,251 | 6,193,567 | 20,149,315 | 13,955,748 |
| All other States [3] | 19 | 5,740 | 9,728 | 8,484,589 | 9,101,732 | 30,371,850 | 21,270,118 |

[1] Includes value of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of plumbers' supplies, but does not include values of plumbers' supplies made as secondary products by establishments classified in other industries. The total value of plumbers' supplies manufactured in 1925, regardless of the industry classification of the establishments in which manufactured, so far as separately reported to the Bureau of the Census, was $80,220,194, including the following: Bath tubs, $38,010,059; lavatories and sinks, $37,798,780; range boilers, $10,728,880; laundry tubs, $2,687,875.

[2] Not called for on schedule.

[3] Alabama, 1 establishment; Delaware, 2; Iowa, 3; Kansas, 1; Kentucky, 2; Louisiana, 1; Maine, 1; North Carolina, 1; Rhode Island, 2; Tennessee, 1; Vermont, 1; Virginia, 1; Washington, 1; West Virginia, 1.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **SAFES AND VAULTS** | | | | | | | |
| [*Principal products:* Fireproof and burglar-proof safes and vaults for banks, offices, and residences; money chests; safe-deposit boxes; safe locks; steel burial vaults] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 35 | 3,865 | 10,054 | $5,398,207 | $8,260,131 | [1] $23,043,708 | $14,777,577 |
| 1923 | 31 | 3,476 | 7,090 | 4,694,281 | 7,085,544 | [1] 19,101,314 | 12,015,770 |
| 1921 | 34 | 3,547 | (2) | 4,702,613 | 7,440,040 | [1] 19,725,452 | 12,285,412 |
| 1919 | 38 | 2,949 | 5,342 | 3,233,318 | 6,608,080 | [1] 15,293,027 | 8,685,247 |
| *States, 1925* | | | | | | | |
| New York | 5 | 193 | 479 | 264,434 | 514,844 | 1,353,598 | 838,754 |
| Ohio | 10 | 2,628 | 6,676 | 3,602,646 | 5,563,319 | 16,063,420 | 10,497,101 |
| All other States [3] | 11 | 1,044 | 2,899 | 1,441,217 | 2,184,968 | 5,626,690 | 3,441,722 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of safes and vaults, but does not include values of safes and vaults made as secondary products by establishments classified in other industries. The total value of safes and vaults manufactured in 1925, regardless of the industry classification of the establishments in which manufactured, so far as separately reported to the Bureau of the Census, was $22,670,978, including the following: Safes, boxes, chests, and bank vaults, $19,701,571; burial vaults, $2,888,407.

[2] Not called for on schedule.

[3] California, 1 establishment; Illinois, 2; Indiana, 1; Iowa, 1; Kentucky, 1; Maryland, 1; Missouri, 1; Pennsylvania, 2; Wisconsin, 1.

## SUMMARY FOR INDUSTRIES IN GROUP 3 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 493]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| **SAWS** | | | | | | | |
| [*Principal products:* Hand saws of all types, such as carpenters' saws, butchers' saws, pruning saws, and bucksaws; saw blades for all types of power saws, such as band saws, circular saws, and drag saws. The industry does not cover the manufacture of saw frames, saw tables, and other sawing machines] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 71 | 4,710 | 14,287 | $5,873,393 | $8,224,443 | [1] $26,781,205 | $18,556,762 |
| 1923 | 80 | 5,420 | 13,298 | 6,730,442 | 9,739,996 | [1] 30,786,858 | 21,046,862 |
| 1921 | 79 | 3,788 | [2] | 4,086,840 | 6,479,913 | [1] 18,185,297 | 11,705,384 |
| 1919 | 112 | 5,510 | 15,046 | 6,280,807 | 11,792,224 | [1] 31,460,557 | 19,668,333 |
| *States, 1925* | | | | | | | |
| Illinois | 10 | 433 | 1,774 | 617,522 | 908,507 | 2,816,280 | 1,907,773 |
| Massachusetts | 10 | 691 | 2,656 | 925,054 | 1,192,164 | 3,391,281 | 2,199,117 |
| Michigan | 6 | 36 | 115 | 44,378 | 71,342 | 284,976 | 213,634 |
| New York | 12 | 249 | 826 | 229,985 | 662,881 | 1,421,171 | 758,290 |
| Ohio | 8 | 101 | 608 | 139,008 | 113,815 | 347,385 | 233,570 |
| All other States [3] | 25 | 3,200 | 8,308 | 3,917,446 | 5,275,734 | 18,520,112 | 13,244,378 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of saws, but does not include the values of saws made as a secondary product by establishments classified in other industries. The total value of saws manufactured in 1925, regardless of the industry classification of the establishments in which manufactured, so far as separately reported to the Bureau of the Census, was $24,235,455.

[2] Not called for on schedule.

[3] California, 1 establishment; Connecticut, 3; Georgia, 1; Indiana, 2; Louisiana, 1; Maryland, 1; Mississippi, 1; New Hampshire, 1; New Jersey, 1; Oregon, 1; Pennsylvania, 7; Rhode Island, 1; South Carolina 1; Tennessee, 2; Washington, 1. Indiana and Pennsylvania each reported larger values of products than any of the States for which figures are shown.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **SCREW-MACHINE PRODUCTS** | | | | | | | |
| [*Principal products:* Machine screws and a great variety of special parts (many of which are threaded) made on "screw machines"] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 103 | 8,987 | 30,514 | $12,668,564 | $18,788,275 | [1] $43,779,284 | $24,991,009 |
| 1923 | 180 | 9,126 | 28,954 | 11,919,164 | 15,795,461 | [1] 39,238,582 | 23,443,121 |
| 1921 | 100 | 5,911 | [2] | 6,547,522 | 7,576,843 | [1] 18,365,242 | 10,788,399 |
| 1919 | 143 | 10,262 | 23,517 | 12,104,780 | 14,983,868 | [1] 40,015,460 | 25,031,592 |
| *States, 1925* | | | | | | | |
| California | 5 | 51 | 101 | 66,238 | 52,693 | 180,472 | 127,779 |
| Connecticut | 17 | 856 | 2,510 | 1,091,728 | 2,097,272 | 4,273,135 | 2,175,863 |
| Illinois | 32 | 1,498 | 3,891 | 2,240,236 | 3,023,036 | 7,474,535 | 4,451,499 |
| Indiana | 6 | 72 | 316 | 92,161 | 140,173 | 312,398 | 172,225 |
| Massachusetts | 30 | 536 | 1,788 | 679,120 | 848,708 | 2,127,139 | 1,278,371 |
| Michigan | 31 | 2,000 | 6,313 | 3,177,527 | 4,606,893 | 10,805,153 | 6,108,260 |
| New Jersey | 6 | 59 | 155 | 96,151 | 103,555 | 286,782 | 183,227 |
| New York | 9 | 161 | 448 | 221,452 | 241,512 | 720,314 | 478,802 |
| Ohio | 33 | 3,092 | 12,759 | 4,152,257 | 6,435,772 | 14,774,900 | 8,339,128 |
| Pennsylvania | 12 | 421 | 1,436 | 553,345 | 696,124 | 1,732,159 | 1,036,035 |
| Wisconsin | 4 | 76 | 341 | 104,477 | 213,349 | 404,808 | 191,459 |
| All other States [3] | 8 | 165 | 457 | 193,872 | 239,128 | 687,489 | 448,361 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of screw-machine products: 1925, $1,783,632; corresponding amounts for earlier years not calculated. Does not include the following values of screw-machine products of establishments classified in other industries: 1925, $13,056,950; 1923, $5,423,337; 1921, $3,533,575; 1919, $6,630,080.

[2] Not called for on schedule.

[3] Delaware, 1 establishment; Maryland, 2; Minnesota, 2; Missouri, 1; Rhode Island, 2.

## SUMMARY FOR INDUSTRIES IN GROUP 3 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 493]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| **SCREWS, WOOD** | | | | | | | |
| [*Principal products:* Steel and brass screws for use in wood. Bolts, nuts, rivets, and various similar commodities were reported as secondary products] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 12 | 5,084 | 11,970 | $5,525,105 | $6,288,103 | [1,2] $15,835,610 | $9,547,507 |
| 1923 | 10 | 4,108 | 8,550 | 5,024,198 | 5,760,393 | [2] 13,707,296 | 7,937,903 |
| 1921 | 8 | 2,742 | (3) | 2,707,031 | 2,462,145 | [2] 7,418,480 | 4,956,344 |
| 1919 | 11 | 4,880 | 7,764 | 4,864,013 | 5,551,563 | [2] 15,459,582 | 9,908,019 |
| *States, 1925* | | | | | | | |
| Connecticut | 5 | 2,194 | 4,500 | 2,049,779 | 2,344,358 | 6,225,155 | 3,880,797 |
| All other States [4] | 7 | 2,890 | 7,470 | 3,475,326 | 3,943,745 | 9,610,455 | 5,663,710 |

[1] Wood screws, $11,245,300; all other products, $4,590,310.

[2] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of wood screws, but does not include values of wood screws made as secondary products by establishments classified in other industries. The total value of wood screws manufactured in 1925, regardless of the industry classification of the establishments in which manufactured, so far as separately reported to the Bureau of the Census, was $14,778,537.

[3] Not called for on schedule.

[4] Illinois, 1 establishment; Massachusetts, 2; Ohio, 1; Pennsylvania, 2; Rhode Island, 1.

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| **SPRINGS, STEEL: RAILWAY, VEHICLE, HEAVY MACHINE, ETC., NOT MADE IN ROLLING MILLS** | | | | | | | |
| [*Principal products:* Steel springs—flat, coiled, elliptical, spiral, leaf, etc.—for motor vehicles, tractors, railway equipment, carriages and wagons, and heavy machinery. (Wire springs are products of the "Wirework, not elsewhere classified" industry)] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 98 | 5,897 | 22,492 | $8,988,669 | $23,609,007 | [1] $44,469,221 | $20,860,214 |
| 1923 | 114 | 8,634 | 25,393 | 12,782,130 | 31,748,019 | [1] 59,302,180 | 27,644,161 |
| 1921 | 126 | 5,358 | (2) | 6,779,358 | 16,007,255 | [1] 31,750,373 | 15,743,118 |
| 1919 | 112 | 8,081 | 16,560 | 11,157,874 | 28,019,180 | [1] 51,479,535 | 23,460,355 |
| *States, 1925* | | | | | | | |
| California | 12 | 151 | 377 | 262,519 | 353,122 | 1,166,844 | 813,722 |
| Connecticut | 4 | 1,049 | 2,421 | 1,407,828 | 2,143,665 | 4,953,494 | 2,809,829 |
| Illinois | 13 | 611 | 2,350 | 1,101,306 | 1,523,619 | 4,521,599 | 2,997,980 |
| Indiana | 4 | 220 | 825 | 224,095 | 702,109 | 1,425,091 | 722,982 |
| Massachusetts | 4 | 32 | 82 | 50,834 | 49,374 | 177,640 | 128,266 |
| Michigan | 8 | 682 | 4,169 | 1,039,345 | 4,521,740 | 7,020,021 | 2,498,281 |
| Missouri | 3 | 81 | 221 | 98,506 | 298,270 | 730,727 | 432,457 |
| New York | 12 | 429 | 1,238 | 698,252 | 1,445,237 | 2,964,507 | 1,519,270 |
| Pennsylvania | 16 | 1,440 | 7,180 | 2,138,785 | 5,554,861 | 10,090,487 | 4,535,626 |
| All other States [3] | 22 | 1,202 | 3,626 | 1,907,109 | 7,017,010 | 11,418,811 | 4,401,801 |

[1] For the total production of steel springs in 1925 by all plants (including rolling mills) see Table 6, p. 449. No comparable data for 1921 and 1919 available.

[2] Not called for on schedule.

[3] Florida, 1 establishment; Maryland, 1; Minnesota, 2; New Jersey, 3; Ohio, 6; Oklahoma, 1; Oregon, 2; Washington, 4; West Virginia, 1; Wisconsin, 1.

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| **STEEL BARRELS, KEGS, AND DRUMS** | | | | | | | |
| [*Principal products:* Steel barrels, kegs, and drums manufactured for use as shipping containers] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 33 | 2,021 | 7,739 | $2,914,381 | $12,743,280 | [1] $19,923,094 | $7,184,814 |
| 1923 | 39 | 2,668 | 7,907 | 3,363,374 | 14,818,038 | [1] 23,248,707 | 8,430,669 |
| 1921 | 31 | 2,013 | (2) | 2,322,503 | 9,236,744 | [1] 14,525,010 | 5,258,266 |
| 1919 | 33 | 3,322 | 10,554 | 4,435,444 | 15,151,210 | [1] 24,942,650 | 9,791,440 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of steel barrels, kegs, and drums, but does not include values of steel barrels, kegs, and drums made as secondary products by establishments classified in other industries. The total value of steel barrels, kegs, and drums manufactured in 1925, regardless of the industry classification of the establishments in which manufactured, so far as separately reported to the Bureau of the Census, was $20,836,749.

[2] Not called for on schedule.

SUMMARY FOR INDUSTRIES IN GROUP 3 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 493]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| **STEEL BARRELS, KEGS, AND DRUMS—Continued** | | | | | | | |
| *States, 1925* | | | | | | | |
| Ohio | 10 | 829 | 3,169 | $1,252,436 | $6,006,857 | $9,083,467 | $3,056,610 |
| Pennsylvania | 7 | 178 | 493 | 237,883 | 1,014,083 | 1,526,751 | 512,668 |
| All other States [1] | 18 | 1,014 | 4,077 | 1,424,062 | 5,722,340 | 9,337,876 | 3,615,536 |

[1] California, 2 establishments; Illinois, 2; Indiana, 1; Louisiana, 1; Michigan, 1; Minnesota, 2; Missouri, 1; New Jersey, 1; New York, 1; Oklahoma, 1; Texas, 2; Wisconsin, 1.

**STRUCTURAL AND ORNAMENTAL IRONWORK, NOT MADE IN ROLLING MILLS**

[*Principal products:* Balconies, bank fixtures, beams, coal chutes, columns, crane girders, elevator inclosures, expanded metal for lathing and concrete work, fences, fire escapes, fireproof moving-picture booths, gratings, girders, elevator cars, portable steel buildings, and other structural and ornamental iron and steel work]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| *United States* | | | | | | | |
| 1925 | 1,136 | 48,341 | 211,732 | $77,411,499 | $237,652,011 | [1] $420,997,579 | $183,344,968 |
| 1923 | 1,056 | 51,591 | 205,518 | 80,832,875 | 225,487,217 | [1] 406,117,279 | 180,630,062 |
| 1921 | 1,021 | 32,897 | (2) | 47,455,082 | 151,010,906 | [1] 250,085,446 | 99,074,540 |
| 1919 | 1,140 | 43,962 | 165,179 | 59,020,132 | 168,800,715 | [1] 294,962,419 | 126,161,704 |
| *States, 1925* | | | | | | | |
| Alabama | 8 | 634 | 3,150 | 815,965 | 3,202,857 | 5,947,842 | 2,654,985 |
| California | 112 | 2,377 | 5,852 | 3,884,283 | 6,777,041 | 14,620,457 | 7,843,416 |
| Colorado | 9 | 191 | 587 | 334,166 | 1,150,231 | 1,866,823 | 716,592 |
| Connecticut | 19 | 486 | 1,280 | 845,327 | 1,469,358 | 3,049,827 | 1,579,969 |
| District of Columbia | 12 | 187 | 607 | 265,093 | 613,799 | 1,315,158 | 701,359 |
| Florida | 8 | 144 | 280 | 211,864 | 277,966 | 715,188 | 437,222 |
| Georgia | 6 | 360 | 352 | 374,357 | 825,987 | 1,548,223 | 722,236 |
| Illinois | 118 | 5,689 | 19,152 | 9,059,111 | 35,080,861 | 57,814,380 | 22,733,519 |
| Indiana | 24 | 1,667 | 23,015 | 2,804,232 | 10,637,334 | 17,257,637 | 6,620,303 |
| Iowa | 10 | 414 | 976 | 473,719 | 1,849,731 | 3,413,321 | 1,563,590 |
| Kansas | 9 | 633 | 2,614 | 818,074 | 3,609,400 | 5,713,637 | 2,104,237 |
| Kentucky | 9 | 297 | 922 | 347,689 | 834,836 | 1,749,507 | 914,671 |
| Maryland | 16 | 665 | 1,503 | 872,186 | 3,597,806 | 5,959,263 | 2,361,457 |
| Massachusetts | 64 | 1,000 | 5,413 | 2,533,003 | 6,271,065 | 12,394,356 | 6,123,291 |
| Michigan | 38 | 1,290 | 5,179 | 2,223,969 | 5,598,042 | 10,489,879 | 4,891,837 |
| Minnesota | 13 | 614 | 1,350 | 805,322 | 2,101,979 | 4,370,050 | 2,268,071 |
| Missouri | 38 | 1,178 | 5,044 | 1,840,352 | 4,614,572 | 9,668,786 | 5,054,214 |
| Nebraska | 10 | 523 | 2,042 | 692,904 | 1,585,986 | 2,745,029 | 1,159,043 |
| New Jersey | 98 | 2,763 | 7,276 | 4,810,019 | 17,196,741 | 29,202,286 | 12,005,545 |
| New York | 222 | 5,117 | 13,488 | 9,730,424 | 22,290,755 | 45,212,503 | 22,915,748 |
| North Carolina | 4 | 130 | 303 | 170,545 | 881,957 | 1,439,145 | 557,188 |
| Ohio | 95 | 6,501 | 29,445 | 10,546,472 | 27,751,706 | 52,630,751 | 24,879,045 |
| Oregon | 6 | 181 | 924 | 243,997 | 786,801 | 1,342,948 | 556,147 |
| Pennsylvania | 115 | 10,302 | 62,110 | 15,899,308 | 59,910,928 | 96,836,624 | 36,925,696 |
| Tennessee | 8 | 417 | 2,035 | 447,273 | 1,389,889 | 2,523,770 | 1,133,881 |
| Texas | 15 | 600 | 1,424 | 763,060 | 2,990,441 | 5,548,852 | 2,558,411 |
| Utah | 3 | 36 | 206 | 57,311 | 124,992 | 252,030 | 127,644 |
| Virginia | 9 | 938 | 4,598 | 1,325,926 | 3,307,545 | 5,816,121 | 2,508,576 |
| Washington | 15 | 370 | 3,054 | 571,275 | 1,070,307 | 2,031,055 | 960,748 |
| Wisconsin | 20 | 1,273 | 4,543 | 2,028,049 | 5,721,431 | 10,259,694 | 4,538,263 |
| All other States [3] | 33 | 768 | 2,733 | 950,259 | 4,033,767 | 7,261,831 | 3,228,064 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of structural and ornamental ironwork: 1925, $10,178,973; corresponding amounts for earlier years not calculated. Does not include the following values of structural and ornamental ironwork made as secondary products by establishments classified in other industries: 1925, $24,975,000; 1923, $23,624,883; 1921, $18,863,376; 1919, $17,776,660.

[2] Not called for on schedule.

[3] Arizona, 2 establishments; Arkansas, 1; Delaware, 1; Louisiana, 7; Maine, 2; Montana, 1; New Hampshire, 2; Oklahoma, 5; Rhode Island, 6; South Carolina, 1; South Dakota, 1; Vermont, 1; West Virginia, 3.

## SUMMARY FOR INDUSTRIES IN GROUP 3 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 493]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| **TIN CANS AND OTHER TINWARE, NOT ELSEWHERE CLASSIFIED** | | | | | | | |
| [*Principal products:* Tin cans, pails, boxes, and household and cooking utensils. This industry does not include the manufacture of tin cans, pails, boxes, etc., for use as containers of products made by the same establishments] | | | | | | | |
| *United States* | | | | | | | |
| 1925 [1] | 221 | 29,901 | 48,728 | $34,391,598 | $175,778,593 | [2] $260,359,961 | $84,581,368 |
| 1923 [1] | 241 | 30,511 | 41,252 | 32,816,010 | 135,080,053 | [2] 215,971,256 | 79,991,203 |
| 1921 [1] | 244 | 22,711 | (3) | 24,595,432 | 108,747,964 | [2] 168,304,813 | 59,556,850 |
| 1919 [1] | 301 | 34,386 | 30,234 | 34,493,399 | 165,170,736 | [2] 233,964,000 | 68,793,264 |
| *States, 1925* | | | | | | | |
| California | 14 | 2,503 | 4,244 | 3,104,378 | 22,208,698 | 32,087,288 | 9,788,590 |
| Illinois | 27 | 5,430 | 10,338 | 7,008,004 | 33,811,870 | 50,460,917 | 16,648,047 |
| Maryland | 18 | 2,912 | 3,516 | 2,814,903 | 18,636,375 | 27,120,481 | 8,484,106 |
| Massachusetts | 7 | 597 | 525 | 691,750 | 1,045,189 | 3,148,027 | 1,502,838 |
| Michigan | 5 | 471 | 660 | 563,388 | 1,130,510 | 2,202,816 | 1,072,306 |
| Missouri | 7 | 1,141 | 1,519 | 1,257,100 | 3,328,257 | 5,722,483 | 2,394,226 |
| New Jersey | 7 | 2,037 | 2,321 | 2,626,871 | 9,712,972 | 15,175,488 | 5,462,516 |
| New York | 45 | 4,728 | 7,782 | 6,016,947 | 21,732,206 | 34,238,647 | [4] 12,506,251 |
| Ohio | 19 | 2,807 | 4,988 | 3,162,397 | 13,842,483 | 20,809,817 | 6,967,334 |
| Pennsylvania | 23 | 1,448 | 2,240 | 1,582,335 | 7,599,268 | 10,804,599 | 3,235,041 |
| Tennessee | 3 | 121 | 104 | 77,160 | 635,557 | 914,627 | 279,070 |
| Virginia | 4 | 509 | 589 | 427,043 | 2,679,349 | 4,156,830 | 1,477,481 |
| Washington | 8 | 478 | 1,545 | 544,899 | 5,553,250 | 7,309,695 | 1,756,445 |
| West Virginia | 4 | 650 | 1,269 | 680,474 | 4,116,286 | 5,259,213 | 1,142,927 |
| All other States [5] | 30 | 3,937 | 7,048 | 3,773,043 | 29,086,243 | 40,940,833 | 11,863,590 |
| **TOOLS, NOT INCLUDING EDGE TOOLS, MACHINE TOOLS, FILES, OR SAWS** | | | | | | | |
| [*Principal products:* Plumbers' and tinners' tools, stonecutters' tools, drills (for both hand and power drilling appliances), reamers, wrenches, punches, pliers, calking tools, nail pullers, and other mechanics' hand tools, except edge tools, files, and saws; other hand tools and implements, such as shovels, scoops, hoes, rakes, forks, etc. Some overlapping occurs between this industry and "Cutlery (not including silver and plated cutlery) and edge tools," "Forgings, iron and steel, not made in steel works or rolling mills," and "Foundry and machine-shop products, not elsewhere classified"] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 603 | 25,340 | 78,086 | $24,294,113 | $39,023,373 | [1] $121,263,093 | $82,239,720 |
| 1923 | 700 | 29,100 | 75,248 | 37,168,834 | 43,205,844 | [1] 123,158,303 | 79,952,459 |
| 1921 | 714 | 19,453 | (2) | 22,643,499 | 25,550,113 | [1] 70,523,416 | 44,973,303 |
| 1919 | 1,125 | 35,685 | 67,730 | 43,836,069 | 45,796,967 | [1] 144,201,668 | 98,404,701 |

[1] Because of a change in classification, the statistics for 1921 and 1919 are not strictly comparable with those for 1925 and 1923.

[2] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of tin cans and other tinware, but does not include values of tin cans and other tinware made as secondary products by establishments classified in other industries. The total value of tin cans and other tinware manufactured in 1925, regardless of the industry classification of the establishments in which manufactured, so far as separately reported to the Bureau of the Census, was $251,737,334, as follows: Tin cans and packages, $238,913,186; milk and ice-cream cans, $4,559,873; other tinware, $8,264,275.

[3] Not called for on schedule.

[4] Connecticut, 1 establishment; Georgia, 2; Indiana, 2; Kentucky, 1; Louisiana, 4; Maine, 4; Minnesota, 3; Nebraska, 1; Oregon, 2; Rhode Island, 1; Texas, 2; Utah, 1; Vermont, 2; Wisconsin, 4.

[5] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of tools, not including edge tools, machine tools, files, or saws, but does not include value of tools, not including edge tools, machine tools, files, or saws made as secondary products by establishments classified in other industries. The total value of tools, not including edge tools, machine tools, files, or saws manufactured in 1925, regardless of the industry classification of the establishments in which manufactured, so far as separately reported to the Bureau of the Census, was $119,889,818.

## SUMMARY FOR INDUSTRIES IN GROUP 3 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 493]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| **TOOLS, NOT INCLUDING EDGE TOOLS, MACHINE TOOLS, FILES, OR SAWS—Con.** | | | | | | | |
| *States, 1925* | | | | | | | |
| California | 14 | 78 | 330 | $107,034 | $96,871 | $331,141 | $234,270 |
| Connecticut | 49 | 2,605 | 6,524 | 3,305,998 | 3,709,518 | 10,472,101 | 6,762,583 |
| Illinois | 80 | 2,084 | 5,314 | 3,159,436 | 5,173,643 | 14,650,683 | 9,477,040 |
| Indiana | 21 | 480 | 2,112 | 572,504 | 1,046,058 | 2,160,283 | 1,114,225 |
| Iowa | 7 | 201 | 1,579 | 358,350 | 751,123 | 1,837,999 | 1,086,876 |
| Maine | 5 | 34 | 153 | 39,143 | 91,523 | 200,428 | 108,905 |
| Massachusetts | 82 | 4,909 | 17,330 | 6,139,202 | 5,714,794 | 21,205,661 | 15,490,867 |
| Michigan | 45 | 3,033 | 5,819 | 4,864,180 | 3,805,624 | 12,996,558 | 9,190,934 |
| Minnesota | 4 | 39 | 108 | 50,484 | 58,028 | 246,030 | 188,011 |
| Missouri | 10 | 184 | 612 | 232,560 | 354,303 | 851,394 | 497,091 |
| New Jersey | 40 | 1,147 | 2,640 | 1,080,158 | 1,032,221 | 3,943,134 | 2,910,913 |
| New York | 90 | 2,015 | 5,336 | 2,958,903 | 2,920,696 | 9,137,037 | 6,216,341 |
| Ohio | 74 | 3,918 | 13,592 | 5,527,482 | 6,347,288 | 20,928,779 | 14,581,491 |
| Pennsylvania | 64 | 2,404 | 8,543 | 3,007,298 | 3,872,007 | 10,092,482 | 6,220,475 |
| Rhode Island | 14 | 166 | 323 | 221,746 | 130,249 | 567,820 | 437,571 |
| Tennessee | 3 | 116 | 738 | 105,606 | 372,552 | 712,634 | 339,982 |
| Vermont | 8 | 449 | 2,023 | 474,580 | 688,102 | 1,888,995 | 1,200,893 |
| Washington | 5 | 16 | 48 | 22,944 | 12,361 | 69,414 | 57,053 |
| Wisconsin | 13 | 258 | 688 | 376,541 | 538,568 | 1,563,753 | 1,025,190 |
| All other States [3] | 26 | 1,059 | 4,834 | 1,080,865 | 2,307,749 | 7,406,758 | 5,099,009 |

[3] Delaware, 2 establishments; Georgia, 1; Maryland, 3; Mississippi, 1; Montana, 1; Nebraska, 1; New Hampshire, 4; North Carolina, 1; Oklahoma, 1; Oregon, 3; Texas, 3; Virginia, 2; West Virginia, 3.

## WROUGHT PIPE, NOT MADE IN ROLLING MILLS

[*Principal products:* Wrought or wrought-welded pipe, riveted steel well casing, seamless steel tubing, boiler tubes, tubular steel posts, tubular poles for electric railways, tubular radio masts, etc. The wrought-pipe industry does not include the manufacture of pipe by establishments which also roll the skelp, such establishments being classed as rolling mills. The production of wrought pipe in rolling mills, however, greatly exceeds that in the wrought-pipe industry. See Table 6, p. 449]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| *United States* | | | | | | | |
| 1925 | 42 | 10,871 | 41,300 | $17,156,545 | $59,142,447 | [1] $94,695,553 | $35,553,106 |
| 1923 | 53 | 10,633 | 40,912 | 17,704,699 | 57,965,845 | [1] 90,823,189 | 32,857,344 |
| 1921 | 57 | 8,728 | (2) | 11,234,413 | 37,093,041 | [1] 56,662,278 | 19,569,237 |
| 1919 | 50 | 10,426 | 23,925 | 14,919,676 | 51,155,653 | [1] 81,869,115 | 30,713,462 |
| *States, 1925* | | | | | | | |
| California | 8 | 386 | 1,195 | 543,276 | 1,775,723 | 3,501,931 | 1,726,208 |
| Pennsylvania | 10 | 5,412 | 17,382 | 8,031,074 | 31,170,477 | 47,073,571 | 15,903,094 |
| All other States [3] | 24 | 5,073 | 22,720 | 8,582,195 | 26,196,247 | 44,120,051 | 17,923,804 |

[1] For the total production of wrought pipe in 1925 and 1923 by all plants (including rolling mills) see Table 6, p. 449. No comparable data for 1921 and 1919 available.
[2] Not called for on schedule.
[3] Arizona, 2 establishments; Colorado, 1; Illinois, 2; Indiana, 2; Michigan, 2; New Jersey, 4; New York, 3; Ohio, 6; Washington, 1; Wisconsin, 1.

# Group 4.–LUMBER AND ALLIED PRODUCTS

## THE GROUP AS A WHOLE

This group, which comprises the industries engaged in the manufacture of lumber and of the various classes of products made from lumber, embraces practically all the industries in which wood in some form is the principal material. Among the products of some of these industries are articles made from other materials than lumber. For example, the furniture industry includes the manufacture of metal furniture and metal store and office fixtures. Considering the industry as a whole, however, wood is the principal material, and therefore it has been included in this group. The table below gives summary statistics for the group and its component industries.

On pages 507 to 577 are presented detailed reports for those industries for which statistics have been published separately in pamphlet form. Following these reports are given descriptions and summary statistics for the remaining industries in this group (pp. 578 to 588).

SUMMARY FOR GROUP 4, LUMBER AND ALLIED PRODUCTS: 1919 TO 1925

[Data for establishments reporting products valued at less than $5,000 are included in the figures for 1919 but not in those for subsequent years]

| INDUSTRY | Census year | Number of establishments | Wage earners (average number) | Wages | Cost of materials | Value of products | Value added by manufacture | Horsepower |
|---|---|---|---|---|---|---|---|---|
| | | | | Expressed in thousands of dollars | | | | |
| Total | 1925 | 21,922 | 921,145 | 978,375 | 1,724,983 | 3,088,552 | 1,063,569 | 3,472,770 |
| | 1923 | 21,674 | 931,748 | 962,542 | 1,666,188 | 3,033,034 | 1,066,846 | 3,336,133 |
| | 1921 | 21,393 | 703,309 | 670,421 | 1,197,465 | 2,456,608 | 1,259,143 | (1) |
| | 1919 | 41,195 | 863,937 | 859,832 | 1,368,172 | 3,113,203 | 1,745,031 | 3,400,654 |
| Basic industries | 1925 | 10,286 | 504,711 | 473,085 | 503,935 | 1,468,427 | 874,492 | 2,064,031 |
| | 1923 | 10,671 | 531,545 | 492,617 | 584,803 | 1,534,991 | 950,188 | 1,944,962 |
| | 1921 | 10,233 | 332,756 | 323,977 | 356,881 | 930,015 | 543,134 | (1) |
| | 1919 | 27,405 | 510,254 | 507,537 | 487,412 | 1,445,435 | 958,023 | 2,367,953 |
| Excelsior | 1925 | 72 | 2,300 | 1,180 | 2,573 | 4,901 | 2,328 | 11,993 |
| | 1923 | 75 | 2,285 | 1,206 | 2,766 | 5,362 | 2,596 | 10,939 |
| | 1921 | 79 | 1,087 | 978 | 2,755 | 4,213 | 1,458 | (1) |
| | 1919 | 95 | 2,242 | 1,745 | 2,522 | 4,913 | 2,391 | 10,332 |
| Lumber and timber products, not elsewhere classified | 1925 | 9,207 | 473,998 | 460,715 | 570,475 | 1,421,162 | 841,687 | 2,049,500 |
| | 1923 | 9,393 | 495,932 | 475,982 | 573,084 | 1,494,462 | 921,308 | 1,932,091 |
| | 1921 | 9,092 | 364,247 | 313,487 | 377,027 | 902,501 | 524,574 | (1) |
| | 1919 | 26,119 | 480,945 | 489,419 | 470,960 | 1,387,471 | 916,511 | 2,355,345 |
| Turpentine and resin | 1925 | 1,007 | 29,413 | 15,100 | 11,887 | 42,364 | 30,477 | 3,138 |
| | 1923 | 1,203 | 34,328 | 15,449 | 8,973 | 35,167 | 26,194 | 1,932 |
| | 1921 | 1,062 | 27,422 | 9,512 | 6,100 | 23,301 | 17,102 | (1) |
| | 1919 | 1,191 | 28,057 | 16,973 | 13,930 | 53,051 | 39,121 | 2,276 |
| Wood-reworking industries | 1925 | 5,527 | 127,519 | 164,481 | 431,397 | 778,051 | 346,654 | 659,953 |
| | 1923 | 4,963 | 120,239 | 151,573 | 430,991 | 762,017 | 331,026 | 553,302 |
| | 1921 | 5,118 | 91,924 | 110,717 | 298,050 | 518,386 | 220,336 | (1) |
| | 1919 | 6,309 | 102,694 | 106,747 | 324,705 | 558,689 | 233,984 | 469,846 |
| Lasts and related products | 1925 | 62 | 2,035 | 3,012 | 3,049 | 9,301 | 6,252 | 7,512 |
| | 1923 | 64 | 2,258 | 3,123 | 3,197 | 9,900 | 6,703 | 6,995 |
| | 1921 | 67 | 2,618 | 3,492 | 4,336 | 12,377 | 8,041 | (1) |
| | 1919 | 64 | 2,910 | 3,416 | 2,933 | 12,471 | 8,538 | 5,539 |

See footnotes at end of table

SUMMARY FOR GROUP 4, LUMBER AND ALLIED PRODUCTS: 1919 TO 1925—Con

[See note at head of this summary, p. 504]

| INDUSTRY | Census year | Number of establishments | Wage earners (average number) | Wages | Cost of materials | Value of products | Value added by manufacture | Horsepower |
|---|---|---|---|---|---|---|---|---|
| | | | | Expressed in thousands of dollars | | | | |
| **Wood-reworking industries—Continued** | | | | | | | | |
| Lumber: Planing-mill products, not made in planing mills connected with sawmills. | 1925 | 4,761 | 111,329 | 146,592 | 403,227 | 710,861 | 307,634 | 597,103 |
| | 1923 | 4,215 | 103,008 | 133,329 | 401,174 | 692,784 | 291,610 | 493,424 |
| | 1921 | 4,366 | 78,033 | 95,954 | 272,082 | 462,649 | 190,567 | (1) |
| | 1919 | 5,309 | 86,956 | 91,977 | 299,266 | 500,438 | 201,172 | 417,070 |
| Window and door screens and weather strips. | 1925 | 183 | 3,803 | 4,687 | 9,545 | 22,398 | 12,853 | 10,674 |
| | 1923 | 165 | 3,687 | 4,197 | 9,566 | 21,256 | 11,690 | 9,515 |
| | 1921 | 157 | 2,129 | 2,656 | 6,102 | 12,038 | 5,936 | (1) |
| | 1919 | 214 | 2,179 | 2,047 | 4,897 | 10,933 | 6,036 | 7,515 |
| Wood, turned and carved. | 1925 | 521 | 10,352 | 10,190 | 15,576 | 35,491 | 19,915 | 44,664 |
| | 1923 | 519 | 11,286 | 10,926 | 17,055 | 38,077 | 21,022 | 43,368 |
| | 1921 | 528 | 9,144 | 8,615 | 15,530 | 31,322 | 15,792 | (1) |
| | 1919 | 722 | 10,649 | 9,307 | 16,609 | 34,847 | 18,238 | 39,722 |
| **Wooden-container industries.** | 1925 | 1,762 | 57,961 | 55,673 | 142,774 | 249,612 | 106,838 | 192,281 |
| | 1923 | 1,872 | 62,121 | 58,271 | 154,804 | 265,501 | 110,697 | 200,457 |
| | 1921 | 1,872 | 51,923 | 45,794 | 125,864 | 204,779 | 78,915 | (1) |
| | 1919 | 2,803 | 55,415 | 57,774 | 172,708 | 290,985 | 118,277 | 185,599 |
| Baskets and rattan and willow ware, not including furniture. | 1925 | 230 | 6,808 | 5,033 | 6,758 | 16,658 | 9,900 | 12,794 |
| | 1923 | 215 | 5,838 | 4,453 | 6,119 | 14,713 | 8,594 | 11,474 |
| | 1921 | 198 | 4,795 | 3,651 | 5,230 | 11,241 | 6,011 | (1) |
| | 1919 | 375 | 4,533 | 3,369 | 4,904 | 11,821 | 6,917 | 6,319 |
| Boxes, cigar, wooden | 1925 | 155 | 4,836 | 3,967 | 5,450 | 12,925 | 7,475 | 5,210 |
| | 1923 | 170 | 5,101 | 4,171 | 6,249 | 14,796 | 8,547 | 6,054 |
| | 1921 | 171 | 4,657 | 3,728 | 6,778 | 14,317 | 7,539 | (1) |
| | 1919 | 189 | 5,218 | 3,512 | 6,337 | 13,110 | 6,773 | 5,009 |
| Boxes, wooden, except cigar boxes. | 1925 | 824 | 34,834 | 33,765 | 86,391 | 152,295 | 65,904 | 143,519 |
| | 1923 | 804 | 30,154 | 36,464 | 94,080 | 162,858 | 68,778 | 149,410 |
| | 1921 | 878 | 32,595 | 28,307 | 73,270 | 122,588 | 49,318 | (1) |
| | 1919 | 1,140 | 42,445 | 30,811 | 102,946 | 177,818 | 74,872 | 143,583 |
| Cooperage | 1925 | 553 | 11,483 | 12,908 | 44,176 | 67,735 | 23,559 | 30,758 |
| | 1923 | 623 | 12,028 | 13,188 | 48,356 | 73,134 | 24,778 | 33,519 |
| | 1921 | 625 | 9,876 | 10,108 | 40,586 | 56,633 | 16,047 | (1) |
| | 1919 | 1,099 | 13,219 | 14,082 | 58,521 | 88,236 | 29,715 | 30,688 |
| **Furniture and related industries.** | 1925 | 3,597 | 195,522 | 244,789 | 417,868 | 950,596 | 532,728 | 434,038 |
| | 1923 | 3,430 | 181,946 | 222,408 | 372,338 | 851,449 | 479,111 | 509,877 |
| | 1921 | 3,444 | 134,886 | 157,207 | 278,880 | 605,990 | 327,110 | (1) |
| | 1919 | 3,873 | 152,783 | 156,121 | 290,833 | 639,818 | 348,985 | 288,013 |
| Billiard and pool tables, bowling alleys, and accessories. | 1925 | 33 | 1,037 | 1,354 | 1,781 | 5,614 | 3,833 | 2,120 |
| | 1923 | 32 | 876 | 1,401 | 2,229 | 6,236 | 4,007 | 2,897 |
| | 1921 | 36 | 925 | 1,057 | 3,377 | 7,368 | 3,991 | (1) |
| | 1919 | 49 | 2,101 | 2,425 | 6,101 | 15,733 | 9,632 | 5,261 |
| Furniture [2] | 1925 | 3,235 | 180,895 | 225,200 | 384,508 | 868,146 | 483,638 | 402,519 |
| | 1923 | 3,043 | 168,089 | 204,513 | 342,236 | 776,495 | 434,259 | 485,347 |
| | [3] 1921 | 3,033 | 124,311 | 144,110 | 253,545 | 550,164 | 296,619 | (1) |
| | [3] 1919 | 3,273 | 140,188 | 143,112 | 265,556 | 579,651 | 314,095 | 265,064 |
| Mirror and picture frames. | 1925 | 162 | 4,230 | 5,646 | 6,835 | 19,170 | 12,335 | 6,102 |
| | 1923 | 223 | 4,496 | 5,761 | 6,178 | 18,642 | 12,464 | 4,497 |
| | 1921 | 259 | 3,846 | 4,879 | 5,644 | 15,448 | 9,804 | (1) |
| | 1919 | 429 | 4,708 | 4,775 | 7,227 | 18,385 | 11,158 | 4,659 |
| Refrigerators, ice | 1925 | 167 | 9,360 | 12,589 | 24,744 | 57,666 | 32,922 | 23,297 |
| | 1923 | 132 | 8,485 | 10,733 | 21,695 | 50,076 | 28,381 | 17,136 |
| | 1921 | 116 | 5,804 | 7,161 | 16,314 | 33,010 | 16,696 | (1) |
| | 1919 | 122 | 5,786 | 5,809 | 11,949 | 26,049 | 14,100 | 13,029 |

See footnotes at end of table

## SUMMARY FOR GROUP 4, LUMBER AND ALLIED PRODUCTS: 1919 TO 1925—Con.

[See note at head of this summary, p. 504]

| INDUSTRY | Census year | Number of establishments | Wage earners (average number) | Wages | Cost of materials | Value of products | Value added by manufacture | Horsepower |
|---|---|---|---|---|---|---|---|---|
| | | | | Expressed in thousands of dollars | | | | |
| **Miscellaneous and allied industries.** | 1925 | 750 | 35,432 | 40,347 | 139,009 | 241,866 | 102,857 | 121,867 |
| | 1923 | 738 | 35,897 | 37,673 | 123,252 | 219,076 | 95,824 | 127,535 |
| | 1921 | 726 | 31,820 | 32,726 | 107,790 | 197,438 | 89,648 | (1) |
| | 1919 | 805 | 32,791 | 31,662 | 92,514 | 178,276 | 85,762 | 98,243 |
| Caskets, coffins, burial cases, and morticians' goods. | 1925 | 326 | 11,479 | 14,057 | 32,771 | 70,413 | 37,642 | 29,164 |
| | 1923 | 327 | 11,593 | 13,334 | 31,541 | 65,558 | 34,017 | 27,340 |
| | 1921 | 314 | 9,956 | 10,586 | 27,017 | 54,796 | 27,779 | (1) |
| | 1919 | 351 | 11,890 | 11,451 | 31,695 | 64,377 | 32,782 | 22,190 |
| Cork products | 1925 | 33 | 3,297 | 3,538 | 7,269 | 16,020 | 8,751 | 11,084 |
| | 1923 | 39 | 3,478 | 3,504 | 8,046 | 15,566 | 7,520 | 10,052 |
| | 1921 | 45 | 2,774 | 2,672 | 6,773 | 12,968 | 6,195 | (1) |
| | 1919 | 62 | 3,545 | 3,387 | 9,135 | 16,282 | 7,147 | 8,556 |
| Matches | 1925 | 25 | 4,627 | 4,707 | 12,913 | 23,741 | 10,828 | 16,314 |
| | 1923 | 22 | 4,712 | 4,425 | 11,786 | 23,940 | 12,154 | 15,388 |
| | 1921 | 22 | 4,530 | 4,280 | 13,240 | 30,274 | 17,034 | (1) |
| | 1919 | 21 | 3,726 | 3,060 | 6,853 | 18,496 | 11,643 | 12,947 |
| Pulp goods | 1925 | 35 | 3,017 | 3,767 | 10,286 | 20,270 | 9,984 | 11,338 |
| | 1923 | 40 | 3,648 | 4,090 | 11,209 | 20,436 | 9,227 | 13,605 |
| | 1921 | 60 | 4,718 | 5,622 | 16,252 | 31,213 | 14,961 | (1) |
| | 1919 | 40 | 3,041 | 3,608 | 11,382 | 23,608 | 12,226 | 12,273 |
| Rules, wood, metal, and other. [4] | 1923 | 11 | 219 | 218 | 230 | 759 | 520 | 714 |
| | 1921 | 11 | 188 | 162 | 138 | 534 | 396 | (1) |
| | 1919 | 13 | 168 | 142 | 134 | 481 | 347 | 299 |
| Wood preserving | 1925 | 131 | 8,410 | 9,606 | 66,709 | 91,184 | 24,475 | 33,521 |
| | 1923 | 103 | 6,520 | 6,878 | 50,139 | 71,083 | 20,944 | 37,998 |
| | 1921 | 78 | 4,153 | 4,502 | 34,432 | 47,422 | 12,990 | (1) |
| | 1919 | 73 | 3,978 | 4,342 | 23,242 | 33,239 | 9,997 | 16,104 |
| Wooden goods, not elsewhere classified. | 1925 | 200 | 4,596 | 4,672 | 9,060 | 20,238 | 11,178 | 20,446 |
| | 1923 | 196 | 5,727 | 5,134 | 10,292 | 21,734 | 11,442 | 22,438 |
| | 1921 | 196 | 5,492 | 4,902 | 9,938 | 20,231 | 10,293 | (1) |
| | 1919 | 245 | 6,443 | 5,662 | 10,173 | 21,793 | 11,620 | 25,874 |

[1] Not called for on schedule.
[2] Includes fixtures for stores, offices, and public buildings.
[3] Includes data for "Show cases," heretofore treated as a separate industry but now combined with "Furniture."
[4] Classified in other industries for 1925.

# THE PRINCIPAL LUMBER INDUSTRIES

The reports for the lumber industries are included in the series presenting the results of the third biennial census of manufactures, and also in the annual series of lumber-production reports which have been published by the Bureau of the Census or by the Forest Service, Department of Agriculture, beginning with 1904.* The statistics showing quantities of products are presented in the current report, so far as possible, in the same form as for preceding years, in order to preserve their comparability.

**Duplication in cost of materials and value of products.**—Some duplication in the total cost of materials and the total value of products as shown in the combined statistics for the three industries results from the use of the products of sawmills as materials by planing mills not operated in conjunction with sawmills (see "Description of the industry," p. 508), and of the products of both sawmills and planing mills as materials by box factories.

SUMMARY FOR THE PRINCIPAL LUMBER INDUSTRIES, FOR THE UNITED STATES: 1914 TO 1925

[Comprises "Lumber and timber products," "Lumber, planing-mill products," and "Boxes, wooden, except cigar boxes." Data for establishments with products under $5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5]

| YEAR OR PERIOD | Number of establishments | Wage earners (average number) | Wages | Paid for contract work | Cost of materials [1] | Value of products | Value added by manufacture [2] | Horsepower |
|---|---|---|---|---|---|---|---|---|
| 1925 | 14,702 | 620,161 | $637,072,413 | $35,373,682 | $1,069,092,620 | $2,284,317,682 | $1,215,225,062 | 2,790,122 |
| 1923 | 14,472 | 638,004 | 645,755,068 | 40,470,457 | 1,068,317,999 | 2,350,104,099 | 1,281,786,100 | 2,574,925 |
| 1921 | 14,336 | 474,875 | 437,748,440 | 33,520,874 | 723,278,063 | 1,487,737,762 | 764,458,799 | [3] |
| 1919 | 32,568 | 610,346 | 618,206,802 | 39,282,883 | 873,172,375 | 2,065,728,125 | 1,192,555,750 | [4] 2,915,908 |
| 1914 | 34,244 | 614,548 | 320,131,859 | 33,764,310 | 519,018,961 | 1,109,549,618 | 590,530,657 | [4] 2,724,867 |
| | PER CENT OF INCREASE OR DECREASE (−) | | | | | | | |
| 1923–1925 | 2.2 | −2.8 | −1.3 | −23.9 | 0.1 | −2.8 | −5.2 | 8.4 |
| 1921–1923 | .9 | 34.4 | 47.5 | 38.7 | 47.7 | 58.0 | 67.7 | ---------- |
| 1921–1925 | 3.2 | 30.8 | 45.5 | 5.5 | 47.8 | 53.5 | 59.0 | ---------- |
| 1914–1925 | 56.8 | 1.1 | 99.0 | 4.8 | 106.0 | 105.9 | 105.8 | 2.4 |

[1] Including also cost of fuel, electric power, and mill supplies.
[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)
[3] Not called for on schedule.
[4] These figures differ slightly from the corresponding ones published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric. (See footnote 1, Table 3, p. 515.)

* Statistics have been published by the Bureau of the Census for the years 1904, 1906 to 1912, inclusive, 1919, and 1921 to 1925, inclusive, and by the Forest Service for 1905, 1913, 1915 to 1918, inclusive, and 1920. Data for the 1914 lumber production were collected by the Bureau of the Census in connection with the quinquennial census of manufactures and published by the Forest Service together with its annual report for 1915. The statistics for all years except 1913 and 1914 include data for lath and shingles. For 1921 to 1925, inclusive, the Bureau of the Census and the Forest Service cooperated in collecting data in 12 Western States and in compiling the statistics of production for the United States.

# LUMBER AND TIMBER PRODUCTS

[Preliminary reports for this industry were issued as follows: Production of lumber, lath, and shingles, December 22, 1926; lumber and timber products, February 5, 1927; production of cooperage stock; consumption of wood in manufacture of veneers, February 9, 1927; production of lumber, lath, and shingles, by States, March 12, 1927]

**Description of the industry.**—Under the industry designation "Lumber and timber products" are classified logging camps, merchant sawmills, planing mills[1] operated in conjunction with sawmills, veneer mills, and cooperage-stock mills.

The principal products of logging camps are saw logs; shingle, stave, and heading bolts; hewn and round poles; mine timbers; spars; piling; fence posts; railway ties; and wheel, handle, and excelsior stock. Those of sawmills include rough lumber, shingles, lath, sawed railway ties, and cooperage, spool, pencil, penholder, and veneer stock. The principal planing-mill products are dressed lumber, sash, doors, blinds, interior woodwork, and molding.

Veneers are classed as rotary cut, sliced, and sawed, according to the method of manufacture. The kind of wood from which the veneer is cut and the purpose for which it is to be used determine the method employed. The rotary cut is by far the most important. (See Tables 43 to 46, inclusive.)

The products of cooperage-stock mills are tight and slack staves, heading, and wooden hoops used by coopers in the manufacture of hogsheads, barrels, kegs, kits, and firkins. Containers for liquids are made from "tight cooperage stock" and containers for solids from "slack cooperage stock." Tight and slack cooperage stock are not, as a rule, produced by the same establishments, because of the differences in the kinds of wood used and in the methods of manufacture employed. (See Tables 47 to 58, inclusive.)

Practically all the products of the establishments in this industry are used as materials for remanufacture by establishments in other industries—for example, the manufacture of furniture—or as building materials.

**Establishments producing less than 200,000 feet of lumber.**—As explained elsewhere (see "Limitation of statistics to establishments reporting products valued at $5,000 or more," p. 5), no data except in regard to products were collected at the census for 1925 from establishments reporting products valued at less than $5,000. This limitation of the canvass applied to manufacturing industries in general, but in the case of the lumber and timber products industry the limit was fixed at an output of 200,000 feet of lumber (or its equivalent in lath or shingles) rather than of products valued at $5,000. In other words, for census purposes a mill which sawed less than 200,000 feet of lumber and reported no other products of any considerable value was classified as an establishment with products under $5,000 in value. Data in regard to quantities of products were, however, collected from mills producing between 50,000 and 200,000 feet, and these data are included in the statistics in Tables 4 to 58. In addition, reports for 1925 were received from 1,740 still smaller mills, each of which sawed less than 50,000 feet of lumber (or its equivalent, 500,000 shingles). The total cut of these small mills, however, amounted to only 43,073,000 feet of lumber and 2,152,000 shingles, or between one-tenth and two-tenths of 1 per cent of the corresponding totals for the industry, as given in Tables 5, 38, and 40. These amounts are not included in the totals given in any of the tables in this report.

**Idle mills.**—The number of mills reported as idle during the entire year 1925 was 2,866. (The numbers given in the tables refer only to active mills.)

[1] Planing mills not operated in conjunction with sawmills are classified separately. (See p. 550.)

**Omission of custom mills.**—At the censuses for 1925, 1923, 1921, 1914, and 1904, the canvass of sawmills was restricted to merchant mills—that is, establishments engaged mainly or exclusively in sawing timber owned by them—and large establishments engaged in contract sawing. At all decennial censuses (1919, 1909, 1899, etc.), however, the canvass also covered custom mills; that is, small establishments engaged mainly or exclusively in sawing timber not owned by them. The figures for 1919 in Table 1 and those for 1919, 1909, and 1899 in Table 4 have been adjusted so that they exclude data for such mills, but those for 1889 and earlier years in Table 4 cover custom mills, it being impracticable to separate the earlier data for the two classes of mills.

**Changes in classification.**—At the censuses for 1925, 1923, 1921, and 1919 the manufacture of window and door screens and weather strips, which at previous censuses was treated as a part of the planing-mill-products industry, has been classified as a separate industry. This is the only change in classification which has been made in recent years.

**Duplication in cost of materials and value of products.**—To the extent to which the products of independent logging concerns are used as materials by sawmills, the value of the products of the former is included both in the total cost of materials and in the total value of products for the industry as a whole. In most cases, however, the logging and sawing are done by the same establishments, so that there is no very great amount of duplication of this character.

**Comparability of number of establishments and number of mills.**—The numbers of establishments, as shown in Tables 1 and 59, differ somewhat from the numbers of mills as given in Tables 5 and 42. These differences are due to three causes: (1) The establishments include independent logging camps, which are not, of course, included with mills in Tables 5 and 42. (2) The numbers of mills are the actual numbers of individual mills, whereas in some cases two or more mills operated under a common ownership are counted as a single establishment. (See "The establishment," p. 6.) (3) The mills include all those whose production amounted to 50,000 feet of lumber or more, whereas the establishments include only those which reported 200,000 feet or more. (See "Establishments producing less than 200,000 feet of lumber," p. 508.)

At all recent censuses a number of combined reports have been received for establishments which operated one or more portable sawmills in conjunction with a planing mill. At the census for 1925 separate reports for such sawmills and planing mills in certain regions were supplied to a greater extent than formerly. This accounts, in a large measure, for the increase in the number of establishments shown for Alabama and Mississippi.

**States reporting more than 1,000,000,000 feet.**—The following statement shows, for the 13 States, each of which reported a production of more than 1,000,000,000 feet for 1925, the principal species of timber cut and the percentage which the cut therefrom formed of the total for the State:

| STATE | Principal species of timber cut in 1925 | Per cent which cut of specified species formed of total for State | STATE | Principal species of timber cut in 1925 | Per cent which cut of specified species formed of total for State |
|---|---|---|---|---|---|
| Alabama | Yellow pine | 87.4 | Louisiana | Yellow pine | 69.5 |
| Arkansas | Yellow pine | 56.6 | Mississippi | Yellow pine | 81.9 |
| California | Western yellow pine. | 38.5 | North Carolina | Yellow pine | 72.1 |
| | | | Oregon | Douglas fir | 66.2 |
| Florida | Yellow pine | 74.6 | Texas | Yellow pine | 85.6 |
| Georgia | Yellow pine | 85.9 | Washington | Douglas fir | 69.9 |
| Idaho | White pine | 34.1 | Wisconsin | Hemlock | 33.8 |

**Lumber cut, by kinds of saws.**—The schedule used at the census for 1925 called for data in regard to the amounts of hardwood and of softwood lumber sawed by circular saws and by band and gang saws. The statistics compiled from the data thus collected are given in the statement below.

LUMBER CUT, BY KINDS OF SAWS: 1925

(M feet b. m.)

| STATE | Total | CIRCULAR | | BAND, GANG, ETC. | |
|---|---|---|---|---|---|
| | | Hardwoods | Softwoods | Hardwoods | Softwoods |
| United States | 38,338,641 | 2,223,036 | 11,224,617 | 4,405,127 | 20,485,861 |
| Alabama | 2,235,738 | 113,070 | 1,421,413 | 158,146 | 543,109 |
| Arizona | 145,809 | | 11,565 | | 134,044 |
| Arkansas | 1,507,130 | 164,576 | 371,403 | 466,136 | 505,016 |
| California and Nevada[1] | 2,042,991 | 780 | 83,045 | 1,537 | 1,957,629 |
| Colorado | 71,069 | 68 | 56,674 | | 14,327 |
| Connecticut | 41,650 | 30,685 | 8,912 | 553 | 1,495 |
| Delaware | 7,324 | 2,626 | 4,170 | | 525 |
| Florida | 1,063,576 | 4,041 | 443,830 | 8,911 | 607,094 |
| Georgia | 1,305,174 | 40,606 | 1,084,961 | 86,987 | 153,220 |
| Idaho | 1,140,575 | | 72,975 | 465 | 1,067,135 |
| Illinois | 29,456 | 18,103 | 134 | 9,023 | 1,291 |
| Indiana | 178,500 | 90,456 | 220 | 87,713 | 165 |
| Iowa and Kansas[1] | 16,069 | 5,075 | | 10,994 | |
| Kentucky | 207,278 | 102,816 | 14,405 | 82,181 | 7,876 |
| Louisiana | 3,293,091 | 88,284 | 712,335 | 640,535 | 1,851,937 |
| Maine | 330,103 | 26,489 | 172,130 | 1,782 | 129,693 |
| Maryland | 88,903 | 42,187 | 34,166 | 9,549 | 3,001 |
| Massachusetts | 109,025 | 27,436 | 69,733 | 6,572 | 5,284 |
| Michigan | 707,610 | 91,674 | 31,525 | 474,171 | 200,240 |
| Minnesota | 678,703 | 15,953 | 29,175 | 49,963 | 483,612 |
| Mississippi | 3,127,678 | 115,986 | 1,226,354 | 414,327 | 1,371,011 |
| Missouri | 186,789 | 67,039 | 24,099 | 46,978 | 48,673 |
| Montana | 388,854 | 10 | 52,201 | | 336,643 |
| New Hampshire | 260,080 | 43,795 | 177,253 | 1,515 | 38,117 |
| New Jersey | 9,816 | 5,574 | 4,242 | | |
| New Mexico | 152,330 | 5 | 40,618 | | 111,707 |
| New York | 197,654 | 107,723 | 60,351 | 25,300 | 4,280 |
| North Carolina | 1,040,735 | 110,728 | 468,084 | 86,252 | 376,671 |
| Ohio | 140,736 | 116,967 | 400 | 23,279 | |
| Oklahoma | 157,580 | 5,128 | 71,263 | 232 | 80,857 |
| Oregon | 4,216,383 | 1,734 | 1,537,391 | 5,053 | 2,672,205 |
| Pennsylvania | 330,822 | 149,776 | 28,561 | 54,120 | 98,365 |
| Rhode Island | 3,656 | 1,744 | 1,042 | | |
| South Carolina | 930,259 | 19,218 | 457,740 | 104,191 | 399,110 |
| South Dakota | 46,779 | 60 | 26,583 | | 20,136 |
| Tennessee | 642,359 | 196,291 | 64,321 | 334,782 | 46,965 |
| Texas | 1,578,008 | 43,252 | 421,400 | 165,424 | 944,932 |
| Utah | 5,861 | 429 | 5,432 | | |
| Vermont | 126,433 | 59,225 | 59,424 | 5,137 | 2,647 |
| Virginia | 709,180 | 106,378 | 306,626 | 161,789 | 134,387 |
| Washington | 7,027,325 | 2,004 | 1,479,920 | 186 | 5,544,225 |
| West Virginia | 583,353 | 98,072 | 7,889 | 382,071 | 95,321 |
| Wisconsin | 1,068,612 | 106,580 | 63,542 | 505,264 | 393,226 |
| Wyoming | 16,105 | | 16,105 | | |

[1] Combined to avoid disclosing operations of individual establishments.

**Principal kinds of wood cut.**—Seven species contributed more than 1,000,000,000 feet each to the total lumber cut in 1925 and 1923, as against six in 1922. The cut of yellow pine alone formed more than one-third of the total for each of the three years. Statistics for the 29 species of timber which together supplied over 99 per cent of the total cut of lumber in the United States are presented in Tables 6 to 35, inclusive, and the production from minor species is given in Table 36. The following statement lists the 16 States each of which led in 1925 in the production of lumber from 1 or more of these 29 species.

| STATE | Kind or kinds of wood in the cut of which the specified State ranked first in 1925 | STATE | Kind or kinds of wood in the cut of which the specified State ranked first in 1925 |
|---|---|---|---|
| Arkansas | Oak and sycamore. | Montana | Larch. |
| California | Redwood, sugar pine, and white fir. | Oregon | Western yellow pine. |
| | | Pennsylvania | Beech. |
| Indiana | Walnut. | Tennessee | Yellow poplar and hickory. |
| Louisiana | Cypress, red gum, tupelo, and ash. | Washington | Douglas fir, hemlock, cedar, and spruce. |
| Maine | Balsam fir. | West Virginia | Chestnut. |
| Michigan | Maple. | Wisconsin | Birch, basswood, and elm. |
| Minnesota | White pine and cottonwood. | Wyoming | Lodgepole pine. |
| Mississippi | Yellow pine. | | |

**Lumber stocks.**—The schedule used at the censuses for 1925 and 1923 called for data in regard to stocks of lumber on hand at the mills at the beginning and the end of the year. As a general rule, these data were supplied, but many important establishments failed to report. The statistics given in the following tabular statement are, therefore, incomplete:

STOCKS OF LUMBER ON HAND AT MILLS, BY STATES: 1925 AND 1923

| STATE | STOCKS OF LUMBER ON HAND AT MILLS (M FEET B. M.) | | | |
|---|---|---|---|---|
| | 1925 | | 1923 | |
| | Jan. 1 | Dec. 31 | Jan. 1 | Dec. 31 |
| United States | 10,301,273 | 11,074,877 | 9,749,769 | 10,548,087 |
| Alabama | 325,327 | 324,971 | 370,067 | 354,082 |
| Arizona | 53,923 | 55,550 | 50,959 | 63,027 |
| Arkansas | 513,401 | 536,158 | 510,002 | 491,418 |
| California and Nevada | 921,497 | 981,788 | 782,719 | 954,024 |
| Colorado | 5,458 | 13,400 | 5,859 | 5,917 |
| Connecticut | 8,915 | 9,440 | 9,504 | 9,704 |
| Florida | 314,223 | 315,333 | 263,974 | 292,735 |
| Georgia | 263,679 | 270,300 | 153,742 | 185,314 |
| Idaho | 705,386 | 772,164 | 606,866 | 707,275 |
| Illinois | 6,538 | 7,570 | 16,889 | 14,096 |
| Indiana | 58,741 | 52,768 | 41,178 | 41,047 |
| Kentucky | 67,086 | 81,468 | 73,253 | 59,465 |
| Louisiana | 952,875 | 983,640 | 1,113,310 | 1,034,709 |
| Maine | 110,362 | 124,677 | 112,115 | 129,712 |
| Maryland | 11,596 | 13,266 | 10,233 | 8,716 |
| Massachusetts | 30,047 | 32,024 | 40,802 | 44,388 |
| Michigan | 415,403 | 437,349 | 416,642 | 425,650 |
| Minnesota | 375,954 | 413,291 | 313,881 | 412,163 |
| Mississippi | 526,968 | 550,976 | 591,181 | 622,370 |
| Missouri | 59,126 | 58,594 | 63,343 | 56,540 |
| Montana | 186,973 | 213,695 | 160,970 | 211,234 |
| New Hampshire | 78,705 | 86,626 | 68,439 | 74,548 |
| New Mexico | 38,563 | 40,594 | 63,202 | 44,397 |
| New York | 69,992 | 73,294 | 85,308 | 83,750 |
| North Carolina | 216,429 | 234,959 | 226,606 | 254,067 |
| Ohio | 26,409 | 24,253 | 18,754 | 19,022 |
| Oklahoma | 31,776 | 33,426 | 31,037 | 26,058 |
| Oregon | 722,936 | 821,808 | 483,490 | 751,929 |
| Pennsylvania | 91,451 | 101,599 | 91,598 | 105,468 |
| South Carolina | 216,597 | 256,915 | 186,242 | 220,274 |
| South Dakota | 11,130 | 12,627 | 7,294 | 10,658 |
| Tennessee | 232,382 | 234,259 | 248,491 | 262,876 |
| Texas | 287,668 | 310,211 | 283,496 | 322,355 |
| Vermont | 48,451 | 52,678 | 50,296 | 49,496 |
| Virginia | 177,762 | 199,299 | 171,763 | 181,513 |
| Washington | 1,259,558 | 1,367,746 | 1,196,278 | 1,194,965 |
| West Virginia | 276,415 | 280,021 | 301,281 | 289,728 |
| Wisconsin | 595,411 | 686,888 | 523,360 | 526,350 |
| All other States [1] | 6,160 | 8,752 | 5,345 | 5,247 |

[1] Delaware, Iowa, Kansas, New Jersey, Rhode Island, Utah, and Wyoming.

**Average values of lumber, by kinds of wood.**—The average values shown in Table 37 were based on returns from a majority of the establishments reporting for each year, and it is believed that they reflect fairly accurately the average values of the several kinds of lumber at the mill, for the United States as a whole. These values vary somewhat in different States because of differences in the quality of timber and the quantities and classes of lumber produced.

**Statistics for Alaska.**—The canvasses for the biennial censuses of manufactures have not, as a rule, covered the outlying possessions of the United States, but data on the lumber production in Alaska have been collected annually since 1922 and for quinquennial and decennial census years since 1899. The following statement presents statistics compiled from these data, showing the production of lumber and shingles in Alaska from 1899 to 1925.

PRODUCTION OF LUMBER AND SHINGLES IN ALASKA: 1899 TO 1925

| YEAR | Number of establishments | LUMBER SAWED (M. FEET B. M.) | | | | Shingles (thousands) |
|---|---|---|---|---|---|---|
| | | Total | Spruce | Hemlock | All other | |
| 1925 | 28 | 40,857 | 35,718 | 2,938 | 2,201 | 2,036 |
| 1924 | 24 | 33,097 | 30,917 | 1,738 | 442 | 5,155 |
| 1923 | 20 | 36,076 | 33,504 | 2,206 | 366 | 2,279 |
| 1922 | 19 | 60,800 | 54,605 | 1,569 | 626 | 3,003 |
| 1919 | 22 | 21,673 | 21,182 | 491 | ---- | ---- |
| 1904 | 6 | 7,974 | 7,933 | ---- | 41 | 926 |
| 1899 | 10 | 6,571 | 6,056 | 15 | 500 | ---- |

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under $5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5]

| YEAR OR PERIOD | Number of establishments | Wage earners (average number) | Wages | Paid for contract work | Cost of materials [1] | Value of products | Value added by manufacture [2] | Horsepower |
|---|---|---|---|---|---|---|---|---|
| 1925 | 9,207 | 473,908 | $456,715,605 | $31,306,104 | $579,474,682 | [3] $1,421,161,836 | $841,687,154 | 2,049,500 |
| 1923 | 9,393 | 495,032 | 475,962,443 | 41,245,950 | 573,063,833 | 1,494,462,031 | 921,398,198 | 1,932,091 |
| 1921 | 9,092 | 364,247 | 313,480,957 | 31,036,315 | 377,927,443 | 902,501,306 | 524,573,863 | (4) |
| 1919 | 20,119 | 480,945 | 489,419,091 | 37,546,478 | 470,960,488 | 1,387,471,413 | 916,510,925 | [5] 2,355,345 |
| 1914 | 27,229 | 470,786 | 239,976,562 | 31,790,233 | 281,951,873 | 715,310,333 | 433,358,460 | [5] 2,190,359 |
| | PER CENT OF INCREASE OR DECREASE (—) | | | | | | | |
| 1923–1925 | —2.0 | —4.4 | —4.0 | +24.1 | 1.1 | —4.9 | —8.7 | 6.1 |
| 1921–1923 | 3.3 | 36.2 | 51.8 | 32.9 | 51.6 | 65.6 | 75.6 | ---- |
| 1921–1925 | 1.3 | 30.1 | 45.7 | .9 | 53.3 | 57.5 | 60.5 | ---- |
| 1914–1925 | —66.2 | —1.2 | 90.3 | —1.5 | 105.5 | 98.7 | 94.2 | —6.4 |

[1] Including also cost of fuel, electric power, and mill supplies.
[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)
[3] Includes values of miscellaneous products normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of lumber and timber products, $57,406,057. Does not include $104,583, the value of veneers, made as secondary products by establishments classified in other industries.
[4] Not called for on schedule.
[5] These figures differ slightly from the corresponding ones published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric. (See footnote 1, Table 3, p. 515.)

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

[Each of the States for which no figures are given in this table reported a larger number of wage earners than some of those for which statistics are shown. See headnote, Table 59, p. 544]

| STATE | Average number employed during year | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June |
| United States: | | | | | | | |
| 1925 [1] | 473,998 | 476,002 | 482,894 | 485,915 | 482,968 | 483,630 | 474,952 |
| 1923 [1] | 495,932 | *476,818* | 477,039 | 490,519 | 489,810 | 498,617 | 506,553 |
| 1921 [1] | 364,247 | *548,552* | 360,002 | 366,083 | 366,191 | 370,505 | 369,053 |
| 1919 [1] | 480,945 | *427,802* | 428,806 | 444,868 | 440,965 | 450,884 | 454,835 |
| Alabama | 29,095 | 28,900 | 29,345 | 29,368 | 29,335 | 29,120 | 28,712 |
| Arizona | 2,056 | 1,756 | 1,833 | 1,855 | 2,089 | 2,242 | 2,252 |
| Arkansas | 25,217 | 24,635 | 24,811 | 25,134 | 25,179 | 25,335 | 25,503 |
| California | 24,954 | 19,207 | 19,877 | 22,340 | 26,166 | 28,169 | 28,559 |
| Colorado | 980 | 907 | 917 | 845 | 895 | 987 | 1,098 |
| Connecticut | 385 | 487 | 468 | 402 | 414 | 413 | 325 |
| Delaware | 207 | 232 | 236 | 235 | 210 | 193 | 189 |
| Florida | 17,777 | 18,512 | 18,691 | 18,630 | 18,654 | 18,443 | 17,787 |
| Georgia | 14,875 | 14,635 | 15,004 | 15,028 | 15,139 | 15,070 | 14,805 |
| Idaho | 11,473 | 8,583 | 8,790 | 9,930 | 11,026 | 13,462 | 13,535 |
| Illinois | 1,288 | 1,211 | 1,264 | 1,296 | 1,301 | 1,259 | 1,324 |
| Indiana | 3,115 | 3,322 | 3,340 | 3,313 | 3,173 | 3,144 | 3,110 |
| Kentucky | 3,483 | 3,410 | 3,410 | 3,533 | 3,415 | 3,398 | 3,260 |
| Louisiana | 39,241 | 40,232 | 40,897 | 40,937 | 41,084 | 40,527 | 39,206 |
| Maine | 5,338 | 7,047 | 6,675 | 5,200 | 4,861 | 5,425 | 4,675 |
| Maryland | 1,429 | 1,462 | 1,477 | 1,530 | 1,571 | 1,539 | 1,456 |
| Massachusetts | 1,211 | 1,303 | 1,382 | 1,391 | 1,328 | 1,269 | 1,195 |
| Michigan * | 16,752 | 18,086 | 18,079 | 17,308 | 16,139 | 16,278 | 15,964 |
| Minnesota | 8,779 | 12,117 | 12,475 | 11,089 | 8,919 | 7,474 | 7,160 |
| Mississippi | 36,397 | 37,792 | 37,614 | 37,354 | 36,323 | 35,423 | 34,768 |
| Missouri | 4,203 | 4,118 | 4,109 | 4,250 | 4,122 | 4,278 | 4,266 |
| Montana | 3,647 | 3,672 | 3,502 | 3,481 | 3,718 | 3,895 | 3,870 |
| New Hampshire | 3,289 | 3,598 | 3,749 | 3,855 | 3,553 | 3,299 | 3,091 |
| New Jersey | 250 | 212 | 221 | 246 | 256 | 261 | 250 |
| New Mexico | 1,687 | 1,650 | 1,707 | 1,723 | 1,656 | 1,763 | 1,834 |
| New York | 3,060 | 3,466 | 3,429 | 3,357 | 3,338 | 3,250 | 3,121 |
| North Carolina | 17,787 | 18,130 | 18,288 | 18,648 | 18,406 | 18,429 | 18,001 |
| Ohio | 2,126 | 2,308 | 2,332 | 2,285 | 2,230 | 2,190 | 2,113 |
| Oklahoma | 1,692 | 1,707 | 1,667 | 1,685 | 1,676 | 1,685 | 1,676 |
| Oregon | 31,217 | 26,221 | 28,073 | 31,053 | 32,636 | 33,539 | 33,248 |
| Pennsylvania | 4,498 | 4,387 | 4,379 | 4,597 | 4,791 | 4,871 | 4,792 |
| Rhode Island | 50 | 54 | 55 | 57 | 53 | 52 | 48 |
| South Carolina | 15,686 | 15,198 | 15,574 | 15,591 | 15,540 | 15,646 | 15,715 |
| South Dakota | 644 | 719 | 755 | 703 | 701 | 585 | 566 |
| Tennessee | 11,185 | 11,145 | 11,284 | 11,465 | 11,472 | 11,369 | 11,318 |
| Texas | 18,200 | 18,833 | 18,820 | 18,370 | 18,687 | 17,961 | 17,896 |
| Utah | 23 | 10 | 14 | 13 | 18 | 29 | 37 |
| Vermont | 2,214 | 2,773 | 2,879 | 2,738 | 2,462 | 2,219 | 2,050 |
| Virginia | 11,621 | 12,224 | 12,397 | 12,572 | 11,923 | 11,390 | 10,793 |
| Washington | 59,733 | 57,395 | 59,010 | 60,544 | 62,091 | 62,096 | 60,222 |
| West Virginia | 9,020 | 9,769 | 9,887 | 9,864 | 9,420 | 9,498 | 9,307 |
| Wisconsin | 19,972 | 25,376 | 25,761 | 23,635 | 19,220 | 18,302 | 18,129 |
| Wyoming | 735 | 746 | 747 | 579 | 603 | 749 | 955 |

See footnote at end of table.

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925—Continued

[See note at head of this table]

| STATE | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|
| | July | August | September | October | November | December |
| United States: | | | | | | |
| 1925 [1] | 464,382 | 468,237 | 471,247 | 473,592 | 466,591 | *457,570* |
| 1923 [1] | 499,749 | 512,721 | 501,498 | 506,965 | 506,197 | 485,695 |
| 1921 [1] | 353,486 | 353,775 | 360,857 | 368,735 | 380,511 | 373,215 |
| 1919 [1] | 469,977 | 494,725 | 523,450 | 543,075 | 543,298 | 548,655 |
| Alabama | 28,935 | 29,502 | 28,877 | 28,560 | 29,251 | 29,142 |
| Arizona | 2,235 | 2,190 | 2,105 | 2,110 | 2,050 | 1,953 |
| Arkansas | 25,982 | 26,610 | 25,508 | 24,789 | 24,269 | 24,844 |
| California | 28,232 | 28,424 | 27,964 | 26,863 | 23,742 | 19,904 |
| Colorado | 1,208 | 1,156 | 1,092 | 922 | 843 | 889 |
| Connecticut | 272 | 295 | 289 | 359 | 368 | 438 |
| Delaware | 190 | 182 | 184 | 203 | 212 | 221 |
| Florida | 17,432 | 17,300 | 17,174 | 16,921 | 17,118 | 16,668 |
| Georgia | 15,288 | 15,084 | 14,740 | 14,774 | 14,589 | 14,346 |
| Idaho | 13,134 | 13,096 | 13,480 | 12,567 | 10,580 | 8,894 |
| Illinois | 1,281 | 1,318 | 1,332 | 1,276 | 1,276 | 1,321 |
| Indiana | 2,986 | 2,944 | 2,888 | 2,914 | 3,051 | 3,190 |
| Kentucky | 3,178 | 3,234 | 3,352 | 3,819 | 3,892 | 3,895 |
| Louisiana | 39,303 | 38,146 | 37,957 | 38,024 | 37,516 | 37,057 |
| Maine | 4,400 | 4,325 | 4,250 | 5,340 | 5,799 | 6,001 |
| Maryland | 1,373 | 1,328 | 1,388 | 1,358 | 1,304 | 1,250 |
| Massachusetts | 1,075 | 1,051 | 1,143 | 1,098 | 1,105 | 1,193 |
| Michigan* | 15,281 | 14,928 | 15,878 | 17,564 | 17,745 | 17,780 |
| Minnesota | 6,226 | 5,875 | 6,815 | 7,743 | 9,033 | 10,426 |
| Mississippi | 35,319 | 36,271 | 36,326 | 36,149 | 36,513 | 36,916 |
| Missouri | 4,305 | 4,500 | 4,134 | 4,194 | 4,051 | 4,107 |
| Montana | 3,663 | 3,647 | 3,714 | 3,797 | 3,550 | 3,265 |
| New Hampshire | 2,861 | 2,854 | 3,066 | 3,209 | 3,182 | 3,157 |
| New Jersey | 245 | 249 | 277 | 283 | 247 | 253 |
| New Mexico | 1,901 | 1,823 | 1,796 | 1,662 | 1,438 | 1,293 |
| New York | 2,882 | 2,733 | 2,792 | 2,920 | 2,704 | 2,728 |
| North Carolina | 17,408 | 17,174 | 17,419 | 17,044 | 17,229 | 17,266 |
| Ohio | 2,061 | 2,081 | 1,957 | 1,992 | 1,964 | 2,003 |
| Oklahoma | 1,781 | 1,667 | 1,710 | 1,591 | 1,658 | 1,803 |
| Oregon | 31,306 | 32,895 | 33,235 | 32,686 | 31,107 | 28,597 |
| Pennsylvania | 4,546 | 4,350 | 4,375 | 4,332 | 4,315 | 4,241 |
| Rhode Island | 29 | 43 | 48 | 54 | 55 | 55 |
| South Carolina | 15,701 | 15,750 | 15,682 | 15,801 | 15,969 | 16,080 |
| South Dakota | 560 | 585 | 551 | 611 | 680 | 714 |
| Tennessee | 11,304 | 11,326 | 11,197 | 10,957 | 10,699 | 10,715 |
| Texas | 18,150 | 17,969 | 17,965 | 18,141 | 17,876 | 17,730 |
| Utah | 36 | 28 | 29 | 21 | 21 | 15 |
| Vermont | 1,809 | 1,765 | 1,816 | 1,890 | 1,989 | 2,175 |
| Virginia | 10,444 | 10,619 | 11,236 | 11,889 | 12,019 | 11,946 |
| Washington | 56,049 | 58,495 | 61,382 | 61,730 | 60,399 | 56,787 |
| West Virginia | 8,557 | 8,645 | 8,388 | 8,298 | 8,339 | 8,273 |
| Wisconsin | 16,985 | 16,955 | 16,628 | 17,708 | 19,487 | 21,480 |
| Wyoming | 816 | 827 | 795 | 650 | 624 | 620 |

*Figures revised, but revisions not carried into United States totals.

[1] Month of maximum employment indicated by bold-faced figures and that of minimum employment by *italic* figures. Per cent which minimum forms of maximum: 1925, 94.2; 1923, 92.8; 1921, 91.6; 1919, 78.

TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

| TYPE | 1925 | | 1923 | | 1919 | |
|---|---|---|---|---|---|---|
| | Number | Horsepower | Number | Horsepower | Number | Horsepower |
| Prime movers, total | 26,357 | 2,049,500 | 24,948 | 1,932,091 | 40,782 | [1]2,355,345 |
| Steam engines | 15,683 | 1,453,753 | 16,677 | 1,722,895 | 32,998 | 2,028,433 |
| Steam turbines | 453 | 350,970 | | | 665 | 152,365 |
| Internal-combustion engines | 1,523 | 40,226 | 1,040 | 29,260 | 1,722 | 28,228 |
| Water wheels and turbines | 397 | 33,117 | 399 | 27,798 | [2]1,384 | [2]62,447 |
| Electric motors driven by purchased current | 8,301 | 171,434 | 6,832 | 152,138 | 4,013 | 83,872 |
| Electric motors, total | 30,859 | 740,257 | 21,619 | 475,962 | 12,401 | 279,478 |
| Driven by purchased current | 8,301 | 171,434 | 6,832 | 152,138 | 4,013 | 83,872 |
| Driven by current generated in establishment reporting | 22,558 | 568,823 | 14,787 | 323,824 | 8,388 | 195,606 |
| | | *Kilowatts* | | *Kilowatts* | | *Kilowatts* |
| Electric generators | 1,201 | 382,769 | (3) | (3) | (3) | (3) |

[1] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).
[2] Includes data for a small number of water motors.
[3] Not called for on schedule.

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TABLE 4.—QUANTITY AND PER CENT DISTRIBUTION OF LUMBER CUT, BY GROUPS OF STATES, FOR SPECIFIED YEARS: 1869 TO 1925

| YEAR | Total quantity [1] (M feet board measure) | NORTHEASTERN STATES [2] | | CENTRAL STATES [3] | | SOUTHERN STATES [4] | | NORTH CAROLINA PINE STATES [5] | |
|---|---|---|---|---|---|---|---|---|---|
| | | Quantity (M feet b. m.) | Per ct. of total | Quantity (M feet b. m.) | Per ct. of total | Quantity (M feet b. m.) | Per ct. of total | Quantity (M feet b. m.) | Per ct. of total |
| 1925 | 38,338,641 | 1,506,756 | 3.9 | 1,968,531 | 5.1 | 14,418,275 | 37.6 | 2,730,204 | 7.1 |
| 1924 | 35,930,986 | 1,618,693 | 4.5 | 2,036,512 | 5.7 | 13,592,594 | 37.8 | 2,646,483 | 7.4 |
| 1923 | 37,165,505 | 1,631,111 | 4.4 | 2,045,042 | 5.5 | 13,524,375 | 36.4 | 2,937,093 | 7.9 |
| 1922 | 31,568,888 | 1,423,377 | 4.5 | 1,762,298 | 5.6 | 11,974,771 | 37.9 | 2,408,540 | 7.6 |
| 1921 | 26,960,864 | 1,797,074 | 6.7 | 1,647,425 | 6.1 | 11,321,766 | 42.0 | 2,208,327 | 8.2 |
| 1920 | 33,798,800 | 2,198,000 | 6.5 | 2,735,300 | 8.1 | 11,490,300 | 34.0 | 2,871,600 | 8.5 |
| 1919 | 34,552,076 | 2,583,873 | 7.5 | 3,015,887 | 8.7 | 12,704,483 | 36.8 | 3,374,152 | 9.8 |
| 1918 | 31,890,494 | 2,373,600 | 7.4 | 2,490,000 | 7.8 | 11,135,000 | 34.9 | 2,640,000 | 8.3 |
| 1917 | 35,331,239 | 2,488,146 | 7.0 | 2,665,000 | 7.4 | 13,900,000 | 38.8 | 3,265,000 | 9.1 |
| 1916 | 39,807,251 | 3,115,237 | 7.8 | 3,315,000 | 8.3 | 15,325,000 | 38.5 | 4,292,000 | 10.8 |
| 1915 | 37,011,656 | 3,775,000 | 10.2 | 3,670,000 | 9.9 | 13,590,000 | 36.7 | 4,390,000 | 11.9 |
| 1914 | 37,346,023 | 3,553,092 | 9.5 | 3,621,339 | 9.7 | 13,383,523 | 35.8 | 4,417,464 | 11.8 |
| 1913 | 38,387,009 | 3,097,061 | 8.1 | 3,930,847 | 10.2 | 14,328,810 | 37.3 | 3,983,395 | 10.4 |
| 1912 | 39,158,414 | 3,712,557 | 9.5 | 4,338,449 | 11.1 | 13,537,894 | 34.6 | 4,580,235 | 11.7 |
| 1911 | 37,003,207 | 3,634,743 | 9.8 | 4,237,791 | 11.5 | 12,221,970 | 33.0 | 3,743,386 | 10.1 |
| 1910 | 40,018,282 | 3,954,067 | 9.9 | 4,674,907 | 11.7 | 13,248,079 | 33.1 | 4,183,745 | 10.4 |
| 1909 | 44,509,761 | 5,197,012 | 11.7 | 5,487,165 | 12.3 | 14,795,731 | 33.3 | 5,177,091 | 11.6 |
| 1899 | 35,077,595 | 5,709,224 | 16.3 | 5,643,379 | 16.1 | 8,403,802 | 24.0 | 2,712,186 | 7.7 |
| 1889 | 23,842,230 | 4,725,508 | 19.8 | 3,129,988 | 13.1 | 3,717,728 | 15.6 | 1,128,968 | 4.7 |
| 1879 | 18,001,356 | 4,642,656 | 25.7 | 3,349,232 | 18.5 | 1,754,956 | 9.7 | 743,533 | 4.1 |
| 1869 | 12,755,543 | 4,567,428 | 35.7 | 2,284,423 | 17.9 | 923,489 | 7.2 | 364,261 | 2.9 |

| YEAR | LAKE STATES [6] | | NORTH PACIFIC STATES [7] | | SOUTH PACIFIC STATES [8] | | NORTH ROCKY MOUNTAIN STATES [9] | | SOUTH ROCKY MOUNTAIN STATES [10] | | ALL OTHER STATES [11] | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Quantity (M feet b. m.) | Per ct. of total | Quantity (M feet b. m.) | Per ct. of total | Quantity (M feet b. m.) | Per ct. of total | Quantity (M feet b. m.) | Per ct. of total | Quantity (M feet b. m.) | Per ct. of total | Quantity (M feet b. m.) | Per ct. of total |
| 1925 | 2,444,925 | 6.4 | 11,243,708 | 29.3 | 2,042,991 | 5.3 | 1,529,420 | 4.0 | 390,974 | 1.0 | 62,848 | 0.2 |
| 1924 | 2,338,104 | 6.5 | 9,932,800 | 27.6 | 1,996,496 | 5.6 | 1,368,295 | 3.8 | 331,756 | .9 | 69,163 | .2 |
| 1923 | 2,392,301 | 6.4 | 10,643,739 | 28.6 | 2,118,094 | 5.7 | 1,499,847 | 4.0 | 311,203 | .8 | 62,700 | .2 |
| 1922 | 1,944,236 | 6.2 | 8,860,045 | 28.1 | 1,720,556 | 5.4 | 1,161,039 | 3.7 | 268,843 | .9 | 46,183 | .1 |
| 1921 | 1,784,009 | 6.6 | 5,854,019 | 21.7 | [12] 1,350,438 | 5.0 | 756,609 | 2.8 | 195,453 | .7 | 45,744 | .2 |
| 1920 | 2,386,000 | 7.1 | 8,842,000 | 26.2 | 1,513,000 | 4.5 | 1,380,000 | 4.1 | 318,700 | .9 | 63,900 | .2 |
| 1919 | 2,091,808 | 7.8 | 7,638,623 | 21.8 | [12] 1,259,363 | 3.6 | 1,052,766 | 3.0 | 245,918 | .7 | 85,143 | .2 |
| 1918 | 3,220,000 | 10.1 | 7,313,373 | 22.9 | 1,277,084 | 4.0 | 1,142,529 | 3.6 | 246,774 | .8 | 52,134 | .2 |
| 1917 | 3,526,000 | 9.8 | 7,153,500 | 20.0 | 1,417,068 | 4.0 | 1,110,000 | 3.1 | 260,789 | .7 | 46,736 | .1 |
| 1916 | 4,050,000 | 10.2 | 6,716,000 | 16.9 | 1,420,000 | 3.6 | 1,233,500 | 3.1 | 290,330 | .7 | 50,184 | .1 |
| 1915 | 3,410,000 | 9.2 | 5,640,000 | 15.2 | 1,130,000 | 3.1 | 1,105,000 | 3.0 | 244,094 | .7 | 57,562 | .2 |
| 1914 | 3,917,666 | 10.5 | 5,764,064 | 15.4 | [12] 1,303,183 | 3.5 | 1,081,350 | 2.9 | 258,483 | .7 | 45,859 | .1 |
| 1913 | 3,866,040 | 10.1 | 6,690,520 | 17.4 | [12] 1,183,380 | 3.1 | 1,010,590 | 2.6 | 236,126 | .6 | 60,240 | .2 |
| 1912 | 4,424,429 | 11.3 | 6,015,935 | 15.4 | [12] 1,203,059 | 3.1 | 985,749 | 2.5 | 270,003 | .7 | 90,104 | .2 |
| 1911 | 4,713,755 | 12.7 | 5,868,452 | 15.9 | [12] 1,207,561 | 3.3 | 994,086 | 2.7 | 296,657 | .8 | 84,806 | .2 |
| 1910 | 5,030,106 | 12.6 | 6,182,125 | 15.4 | [12] 1,254,826 | 3.1 | 1,065,073 | 2.7 | 320,314 | .8 | 104,380 | .3 |
| 1909 | 5,476,270 | 12.3 | 5,761,911 | 12.9 | [12] 1,143,507 | 2.6 | 954,382 | 2.1 | 337,668 | .8 | 179,024 | .4 |
| 1899 | 8,749,842 | 24.9 | 2,163,570 | 6.2 | 737,760 | 2.1 | 321,048 | .9 | 235,319 | .7 | 401,465 | 1.1 |
| 1889 | 8,250,702 | 34.6 | 1,510,067 | 6.3 | 517,781 | 2.2 | 117,311 | .5 | 132,120 | .6 | 611,997 | 2.6 |
| 1879 | 6,278,567 | 34.7 | 337,347 | 1.9 | 326,340 | 1.8 | 39,624 | .2 | 114,371 | .6 | 504,730 | 2.8 |
| 1869 | 3,592,202 | 28.2 | 203,936 | 1.6 | 353,842 | 2.8 | 14,061 | .1 | 44,735 | .4 | 417,166 | 3.3 |

[1] Computed by the Forest Service, Department of Agriculture, for 1915 to 1918, inclusive, and 1920. For 1910 to 1918, inclusive, 1920, 1922, 1923, 1924, and 1925, the cut of small mills, each reporting less than 50,000 feet, was omitted from the statistics; and for 1914, 1921, 1923, 1924, and 1925, the cut of custom mills was also omitted.

[2] Northeastern group: Connecticut, Delaware, Maryland, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

[3] Central group: Illinois, Indiana, Kentucky, Missouri, Ohio, Tennessee, and West Virginia.

[4] Southern group: Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, Oklahoma, and Texas.

[5] North Carolina Pine group: North Carolina, South Carolina, and Virginia.

[6] Lake States group: Michigan, Minnesota, and Wisconsin.

[7] North Pacific group: Washington and Oregon.

[8] South Pacific group: California and Nevada.

[9] North Rocky Mountain group: Idaho and Montana.

[10] South Rocky Mountain group: Arizona, Colorado, New Mexico, Utah, and Wyoming.

[11] All other: Iowa, Kansas, Nebraska, South Dakota, North Dakota, and District of Columbia.

[12] Cut for Nevada included under "All other States" for 1909 to 1914, inclusive and for 1919 and 1921.

## TABLE 5.—PRODUCTION OF LUMBER, BY STATES: 1925, 1924, AND 1923

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the States shown in combinations, however, reported larger quantities of lumber sawed than some of the States shown separately]

| STATE | NUMBER OF ACTIVE MILLS REPORTING | | | LUMBER SAWED | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Quantity (M feet b. m.) [1] | | | Per cent of increase or decrease (−) | | Per cent distribution | | |
| | 1925 | 1924 | 1923 | 1925 | 1924 | 1923 | 1924–25 | 1923–24 | 1925 | 1924 | 1923 |
| United States | 15,621 | 14,538 | 14,300 | 38,338,641 | 35,030,086 | 37,165,505 | 6.7 | −3.3 | 100.0 | 100.0 | 100.0 |
| Alabama | 1,093 | 1,060 | 1,038 | 2,235,738 | 1,873,403 | 1,786,493 | 19.3 | 4.9 | 5.8 | 5.2 | 4.8 |
| Arizona | 27 | 26 | 25 | 145,609 | 142,512 | 130,642 | 2.2 | 9.1 | .4 | .4 | .4 |
| Arkansas | 634 | 570 | 536 | 1,597,130 | 1,536,255 | 1,537,533 | 4.0 | −.1 | 4.2 | 4.3 | 4.1 |
| California and Nevada | 173 | 181 | 214 | 2,042,991 | 1,996,496 | 2,118,094 | 2.3 | −5.7 | 5.3 | 5.6 | 5.7 |
| Colorado | 145 | 122 | 113 | 71,069 | 42,014 | 38,233 | 69.2 | 9.9 | .2 | .1 | .1 |
| Connecticut | 128 | 108 | 110 | 41,650 | 48,206 | 59,187 | −13.6 | −18.5 | .1 | .1 | .2 |
| Delaware | 30 | 41 | 38 | 7,324 | 13,851 | 16,190 | −47.1 | −14.4 | (2) | (2) | (2) |
| Florida | 227 | 219 | 221 | 1,063,876 | 1,089,429 | 1,110,383 | −2.3 | −1.9 | 2.8 | 3.0 | 3.0 |
| Georgia | 1,103 | 1,030 | 962 | 1,365,174 | 1,206,599 | 1,149,391 | 13.1 | 5.0 | 3.6 | 3.4 | 3.1 |
| Idaho | 144 | 157 | 168 | 1,140,575 | 1,017,960 | 1,072,930 | 12.0 | −5.1 | 3.0 | 2.8 | 2.9 |
| Illinois | 59 | 77 | 74 | 29,456 | 32,023 | 28,312 | −9.7 | 15.2 | .1 | .1 | .1 |
| Indiana | 286 | 336 | 332 | 178,560 | 193,391 | 189,415 | −7.7 | 2.1 | .5 | .5 | .5 |
| Kentucky | 401 | 345 | 348 | 207,278 | 193,879 | 196,033 | 6.9 | −1.1 | .5 | .5 | .5 |
| Louisiana | 310 | 322 | 310 | 3,293,091 | 3,396,940 | 3,554,212 | −3.1 | −4.4 | 8.6 | 9.5 | 9.6 |
| Maine | 480 | 435 | 400 | 330,103 | 369,015 | 375,678 | −10.7 | −1.6 | .9 | 1.0 | 1.0 |
| Maryland | 295 | 185 | 158 | 88,963 | 68,110 | 62,571 | 30.6 | 8.9 | .2 | .2 | .2 |
| Massachusetts | 199 | 166 | 127 | 109,025 | 129,619 | 127,561 | −15.4 | 1.6 | .3 | .4 | .3 |
| Michigan | 173 | 169 | 172 | 797,610 | 703,636 | 833,295 | .5 | −4.8 | 2.1 | 2.2 | 2.2 |
| Minnesota | 167 | 154 | 151 | 578,703 | 527,962 | 551,592 | 9.6 | −4.3 | 1.5 | 1.5 | 1.5 |
| Mississippi | 1,279 | 847 | 785 | 3,127,678 | 2,806,975 | 2,690,976 | 11.4 | 4.3 | 8.2 | 7.8 | 7.2 |
| Missouri | 313 | 280 | 301 | 186,789 | 188,426 | 178,810 | −.9 | 5.4 | .5 | .5 | .5 |
| Montana | 120 | 100 | 117 | 388,854 | 350,335 | 426,917 | 11.0 | −17.9 | 1.0 | 1.0 | 1.1 |
| New Hampshire | 304 | 261 | 255 | 260,080 | 265,474 | 255,009 | −1.8 | 4.1 | .7 | .7 | .7 |
| New Jersey | 39 | 54 | 55 | 9,816 | 12,542 | 13,807 | −21.7 | −9.6 | (2) | (2) | (2) |
| New Mexico | 71 | 68 | 60 | 152,330 | 125,422 | 126,461 | 21.5 | −.8 | .4 | .4 | .3 |
| New York | 497 | 764 | 698 | 197,654 | 237,581 | 235,993 | −16.8 | .7 | .5 | .7 | .6 |
| North Carolina | 1,044 | 1,120 | 1,080 | 1,040,735 | 1,071,912 | 1,095,925 | −2.9 | −2.2 | 2.7 | 3.0 | 2.9 |
| Ohio | 397 | 389 | 344 | 140,736 | 155,016 | 151,522 | −9.2 | 2.3 | .4 | .4 | .4 |
| Oklahoma | 72 | 79 | 51 | 157,580 | 154,503 | 136,174 | 2.0 | 13.5 | .4 | .4 | .4 |
| Oregon | 407 | 398 | 459 | 4,216,383 | 3,665,547 | 3,966,083 | 15.0 | −7.6 | 11.0 | 10.2 | 10.7 |
| Pennsylvania | 627 | 737 | 752 | 330,822 | 343,049 | 361,068 | −3.6 | −5.0 | .9 | 1.0 | 1.0 |
| Rhode Island | 11 | 8 | 12 | 3,686 | 3,759 | 4,017 | −1.9 | −6.4 | (2) | (2) | (2) |
| South Carolina | 520 | 453 | 484 | 980,289 | 878,517 | 1,070,397 | 11.6 | −17.9 | 2.5 | 2.5 | 2.9 |
| South Dakota | 54 | 51 | 42 | 46,779 | 51,465 | 48,618 | −9.1 | 5.9 | .1 | .2 | .1 |
| Tennessee | 647 | 607 | 618 | 642,359 | 658,888 | 661,436 | −2.5 | −.4 | 1.7 | 1.8 | 1.8 |
| Texas | 225 | 228 | 244 | 1,578,008 | 1,528,490 | 1,559,263 | 3.2 | −2.0 | 4.1 | 4.3 | 4.2 |
| Utah | 47 | 60 | 63 | 5,861 | 7,378 | 7,728 | −20.6 | −4.5 | (2) | (2) | (2) |
| Vermont | 310 | 296 | 274 | 126,433 | 126,884 | 119,970 | −.4 | 5.8 | .3 | .4 | .3 |
| Virginia | 899 | 954 | 970 | 709,180 | 696,054 | 770,771 | 1.9 | −9.7 | 1.9 | 1.9 | 2.1 |
| Washington | 498 | 469 | 499 | 7,027,325 | 6,267,343 | 6,677,656 | 12.1 | −6.1 | 18.3 | 17.5 | 18.0 |
| West Virginia | 267 | 281 | 283 | 583,353 | 614,289 | 639,514 | −5.0 | −3.9 | 1.5 | 1.7 | 1.7 |
| Wisconsin | 231 | 256 | 268 | 1,068,612 | 1,016,506 | 1,007,414 | 5.1 | .9 | 2.8 | 2.8 | 2.7 |
| Wyoming | 43 | 42 | 46 | 16,105 | 14,430 | 8,139 | 11.6 | 77.3 | (2) | (2) | (2) |
| All other States [3] | 26 | 34 | 38 | 16,069 | 17,698 | 14,082 | −9.2 | 25.7 | (2) | (2) | (2) |

[1] Not including production of mills cutting less than 50,000 feet.
[2] Less than one-tenth of 1 per cent.
[3] 1925, Iowa and Kansas; 1924 and 1923, Iowa, Kansas, and Nebraska.

TABLE 6.—PRODUCTION OF LUMBER, BY KINDS OF WOOD: 1925, 1924, AND 1923

| KIND OF WOOD | LUMBER SAWED | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Quantity (M feet b. m.)[1] | | | Per cent of increase or decrease (−) | | Per cent distribution | | |
| | 1925 | 1924 | 1923 | 1924–25 | 1923–24 | 1925 | 1924 | 1923 |
| Total | 38,338,641 | 35,930,986 | 37,165,505 | 6.7 | −3.3 | 100.0 | 100.0 | 100.0 |
| Ash | 179,032 | 183,149 | 148,904 | −2.2 | 22.9 | .5 | .5 | .4 |
| Balsam fir | 19,686 | 22,012 | 19,127 | −10.6 | 15.1 | (2) | .1 | .1 |
| Basswood | 179,042 | 200,458 | 173,169 | −10.4 | 15.8 | .5 | .5 | .5 |
| Beech | 180,585 | 194,444 | 190,907 | −7.1 | 1.9 | .5 | .5 | .5 |
| Birch | 412,229 | 381,567 | 351,244 | 8.0 | 8.6 | 1.1 | 1.1 | .9 |
| Cedar | 372,162 | 330,270 | 304,829 | 12.7 | −9.5 | 1.0 | .9 | 1.0 |
| Chestnut | 308,091 | 312,989 | 349,671 | −1.6 | −10.5 | .8 | .9 | .9 |
| Cottonwood | 142,113 | 166,913 | 157,949 | −14.9 | 5.7 | .4 | .5 | .4 |
| Cypress | 902,690 | 877,120 | 819,260 | 2.9 | 7.1 | 2.3 | 2.4 | 2.2 |
| Douglas fir | 8,154,373 | 7,401,750 | 8,222,825 | 9.3 | −9.3 | 21.3 | 20.8 | 22.1 |
| Elm | 190,632 | 209,439 | 205,780 | −9.0 | 1.8 | .5 | .6 | .6 |
| Hemlock | 2,139,631 | 1,878,989 | 1,872,739 | 13.9 | .3 | 5.6 | 5.2 | 5.0 |
| Hickory | 79,203 | 85,596 | 96,166 | −7.4 | −11.0 | .2 | .2 | .3 |
| Larch | 306,991 | 305,546 | 351,538 | .5 | −13.1 | .8 | .8 | .9 |
| Lodgepole pine | 24,979 | 23,523 | 15,695 | 6.2 | 49.9 | .1 | .1 | (3) |
| Maple | 921,566 | 857,253 | 842,046 | 7.5 | 1.8 | 2.4 | 2.4 | 2.3 |
| Oak | 2,129,181 | 2,076,977 | 2,027,704 | 2.5 | 2.4 | 5.5 | 5.8 | 5.5 |
| Red gum | 1,100,648 | 1,070,724 | 1,016,279 | 2.8 | 5.4 | 2.9 | 3.0 | 2.7 |
| Redwood | 510,639 | 604,292 | 592,500 | −15.5 | 2.0 | 1.3 | 1.7 | 1.6 |
| Spruce | 751,276 | 717,375 | 757,749 | 4.7 | −5.3 | 1.9 | 2.0 | 2.0 |
| Sugar pine | 306,992 | 245,688 | 228,556 | 25.0 | 7.5 | .8 | .7 | .6 |
| Sycamore | 24,286 | 27,647 | 24,668 | −11.8 | 11.7 | .1 | .1 | .1 |
| Tupelo | 220,219 | 235,259 | 174,912 | −6.4 | 34.5 | .6 | .6 | .5 |
| Walnut | 70,251 | 68,379 | 49,025 | 2.7 | 39.5 | .2 | .2 | .1 |
| Western yellow pine | 3,127,208 | 2,602,710 | 2,804,682 | 20.2 | −7.2 | 8.1 | 7.2 | 7.5 |
| White fir | 336,887 | 319,145 | [3] 334,246 | 5.6 | −4.5 | .9 | .9 | .9 |
| White pine | 1,521,128 | 1,530,675 | 1,571,598 | −.6 | −2.6 | 4.0 | 4.3 | 4.2 |
| Yellow pine | 13,235,936 | 12,486,590 | 12,948,687 | 6.0 | −3.6 | 34.5 | 34.7 | 34.8 |
| Yellow poplar | 375,662 | 350,727 | 353,156 | 7.1 | −.7 | 1.0 | 1.0 | 1.0 |
| All other | 114,733 | 103,882 | 99,885 | 10.4 | 4.0 | .3 | .3 | .3 |

[1] Not including production of mills cutting less than 50,000 feet.
[2] Less than one-tenth of 1 per cent.
[3] Includes 4,414 M feet of California red fir, which was not called for separately on schedules used for other years.

TABLE 7.—PRODUCTION OF ASH[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 2,087 | 179,032 | 100.0 | $48.46 |
| Louisiana | 84 | 33,589 | 18.8 | 45.01 |
| Arkansas | 91 | 28,999 | 16.2 | 39.42 |
| Tennessee | 165 | 16,179 | 9.0 | 53.71 |
| Wisconsin | 116 | 14,938 | 8.3 | 38.95 |
| Mississippi | 67 | 9,972 | 5.6 | 48.14 |
| South Carolina | 24 | 8,916 | 5.0 | 56.49 |
| Michigan | 80 | 8,330 | 4.7 | 43.58 |
| Texas | 31 | 7,527 | 4.2 | 57.22 |
| Indiana | 122 | 6,378 | 3.6 | 66.53 |
| Ohio | 185 | 6,279 | 3.5 | 84.34 |
| Georgia | 25 | 6,150 | 3.4 | 49.72 |
| Alabama | 83 | 4,192 | 2.3 | 40.20 |
| West Virginia | 99 | 4,087 | 2.3 | 59.36 |
| All other States (see Table 42) | 939 | 23,507 | 13.1 | 44.59 |

[1] The species of ash covered by this table are as follows:
WHITE ASH (*Fraxinus americana*); cut principally in the Central States.
GREEN ASH (*Fraxinus pennsylvanica lanceolata*); cut principally in the Southern States.
BLACK (or BROWN) ASH (*Fraxinus nigra*); cut in the Lake States and Northeastern States.
RED ASH (*Fraxinus pennsylvanica*); cut in small quantities in the Eastern States.
OREGON ASH (*Fraxinus oregona*); cut in the Pacific Northwest.

TABLE 8.—PRODUCTION OF BALSAM FIR[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 327 | 19,686 | 100.0 | $26.65 |
| Maine | 132 | 8,540 | 43.4 | 25.07 |
| Minnesota | 38 | 4,194 | 21.3 | 20.94 |
| Vermont | 71 | 2,439 | 12.4 | 29.50 |
| Michigan | 18 | 1,926 | 9.8 | 35.56 |
| New Hampshire | 36 | 1,270 | 6.4 | 29.61 |
| All other States (see Table 42) | 32 | 1,317 | 6.7 | 33.91 |

[1] *Abies balsamea* is the only species cut as BALSAM FIR.

TABLE 9.—PRODUCTION OF BASSWOOD[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 1,573 | 179,642 | 100.0 | $39.76 |
| Wisconsin | 147 | 75,243 | 41.9 | 40.49 |
| Michigan | 122 | 35,807 | 19.9 | 40.57 |
| West Virginia | 106 | 20,437 | 11.4 | 39.87 |
| North Carolina | 57 | 7,126 | 4.0 | 38.69 |
| New York | 262 | 6,118 | 3.4 | 39.48 |
| Tennessee | 82 | 5,573 | 3.1 | 39.92 |
| Virginia | 31 | 5,296 | 2.9 | 45.62 |
| Indiana | 80 | 5,140 | 2.9 | 45.18 |
| Vermont | 149 | 3,846 | 2.1 | 35.43 |
| Pennsylvania | 126 | 3,824 | 2.1 | 40.69 |
| Minnesota | 56 | 3,189 | 1.8 | 23.01 |
| Ohio | 121 | 2,377 | 1.3 | 31.74 |
| All other States (see Table 42) | 234 | 5,666 | 3.2 | 30.96 |

[1] The chief species of basswood covered by this table are as follows:
BASSWOOD (or LINN) (*Tilia glabra*); cut principally in the Lake States.
WHITE BASSWOOD (*Tilia heterophylla*); cut in the Appalachian Mountain region.

TABLE 10.—PRODUCTION OF BEECH[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 1,895 | 180,585 | 100.0 | $29.21 |
| Pennsylvania | 205 | 33,815 | 18.7 | 28.33 |
| Michigan | 94 | 27,098 | 15.0 | 34.09 |
| New York | 246 | 24,421 | 13.5 | 33.44 |
| Indiana | 192 | 20,139 | 11.2 | 28.68 |
| Ohio | 229 | 14,018 | 7.8 | 22.83 |
| West Virginia | 91 | 11,710 | 6.5 | 28.73 |
| Kentucky | 167 | 9,565 | 5.3 | 23.35 |
| Vermont | 153 | 9,215 | 5.1 | 27.14 |
| Tennessee | 98 | 7,122 | 3.9 | 26.31 |
| New Hampshire | 59 | 5,131 | 2.8 | 29.40 |
| All other States (see Table 42) | 361 | 18,351 | 10.2 | 28.95 |

[1] *Fagus grandifolia* is the only species cut for beech lumber.

TABLE 11.—PRODUCTION OF BIRCH[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 1,360 | 412,229 | 100.0 | $41.68 |
| Wisconsin | 144 | 210,002 | 50.9 | 41.08 |
| Michigan | 89 | 95,395 | 23.1 | 41.35 |
| New Hampshire | 129 | 22,504 | 5.5 | 42.09 |
| Vermont | 212 | 19,878 | 4.8 | 35.96 |
| Maine | 137 | 19,092 | 4.6 | 50.82 |
| New York | 178 | 18,391 | 4.5 | 53.56 |
| West Virginia | 62 | 6,826 | 1.7 | 39.20 |
| Pennsylvania | 124 | 6,180 | 1.5 | 46.04 |
| Massachusetts | 40 | 4,427 | 1.1 | 31.95 |
| Minnesota | 44 | 3,544 | .9 | 26.04 |
| All other States (see Table 42) | 102 | 5,930 | 1.4 | 34.77 |

[1] The species of birch covered by this table are as follows:
YELLOW BIRCH (*Betula lutea*); the principal species cut in the Lake States, New England, and New York.
PAPER BIRCH (*Betula papyrifera*) and GRAY BIRCH (*Betula populifolia*); cut to a small extent in New England.
SWEET (or CHERRY) BIRCH (*Betula lenta*); cut in West Virginia and Pennsylvania.
RIVER (OR RED) BIRCH (*Betula nigra*); cut in the Southern States.

TABLE 12.—PRODUCTION OF CEDAR[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 635 | 372,102 | 100.0 | $38.80 |
| Washington | 102 | 226,664 | 60.9 | 42.06 |
| Oregon | 48 | 53,985 | 14.5 | 38.53 |
| Idaho | 26 | 34,377 | 9.3 | 20.81 |
| California and Nevada | 63 | 25,747 | 6.9 | 21.28 |
| Tennessee | 98 | 8,154 | 2.2 | 59.03 |
| Alabama | 34 | 5,231 | 1.4 | 68.31 |
| All other States (see Table 42) | 264 | 18,004 | 4.8 | 40.27 |

[1] The species of cedar covered by this table are as follows:
WESTERN RED CEDAR (*Thuja plicata*); cut in Washington, Oregon, and Idaho.
PORT ORFORD CEDAR (*Chamaecyparis lawsoniana*); cut in Oregon.
ALASKA CEDAR (*Chamaecyparis nootkatensis*); cut in Washington.
INCENSE CEDAR (*Libocedrus decurrens*); cut in California.
NORTHERN WHITE CEDAR (or ARBORVITÆ) (*Thuja occidentalis*); cut in the Lake States and the North-eastern States.
SOUTHERN WHITE CEDAR (or "JUNIPER") (*Chamaecyparis thyoides*); cut in the Atlantic Coast States.
EASTERN RED CEDAR (*Juniperus virginiana*) and SOUTHERN RED CEDAR (*Juniperus lucayana*); cut principally in Tennessee, Florida, and Alabama.

TABLE 13.—PRODUCTION OF CHESTNUT [1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 2,164 | 308,091 | 100.0 | $30.37 |
| West Virginia | 193 | 104,377 | 33.9 | 31.41 |
| Virginia | 218 | 49,987 | 16.2 | 32.70 |
| North Carolina | 173 | 41,164 | 13.4 | 28.77 |
| Tennessee | 195 | 29,388 | 9.6 | 30.37 |
| Pennsylvania | 433 | 28,681 | 9.3 | 28.39 |
| Kentucky | 165 | 10,492 | 3.4 | 28.02 |
| Connecticut | 108 | 10,001 | 3.2 | 28.52 |
| Maryland | 155 | 8,715 | 2.8 | 25.96 |
| Massachusetts | 103 | 8,665 | 2.8 | 29.62 |
| New York | 179 | 4,933 | 1.6 | 28.57 |
| Ohio | 120 | 4,125 | 1.3 | 33.08 |
| All other States (see Table 42) | 122 | 7,563 | 2.5 | 28.36 |

[1] *Castanea dentata* is the only species cut for chestnut lumber. Includes several species of chinquapin, such as *Castanea Ozarkensis*, cut for ties in Arkansas and possibly in sections farther east.

TABLE 14.—PRODUCTION OF COTTONWOOD [1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 611 | 142,113 | 100.0 | $26.70 |
| Minnesota | 66 | 51,438 | 36.2 | 19.64 |
| Mississippi | 47 | 24,086 | 16.9 | 31.40 |
| Arkansas | 43 | 18,154 | 12.8 | 31.83 |
| Louisiana | 49 | 17,746 | 12.5 | 28.90 |
| Missouri | 30 | 6,467 | 4.6 | 31.84 |
| Tennessee | 37 | 5,301 | 3.7 | 34.36 |
| Kentucky | 15 | 3,104 | 2.2 | 37.01 |
| Alabama | 43 | 2,986 | 2.1 | 30.51 |
| All other States (see Table 42) | 281 | 12,831 | 9.0 | 26.79 |

[1] The species of cottonwood covered by this table are as follows:
EASTERN COTTONWOOD (*Populus deltoides*); the species most commonly cut east of the Rocky Mountains and more particularly in the lower Mississippi Valley.
SWAMP COTTONWOOD (*Populus heterophylla*); cut in the Mississippi Valley States.
ASPEN (or POPPLE) (*Populus tremuloides*); cut in the Lake States and the Northeastern States, and to a small extent in the Rocky Mountains and farther west.
LARGE-TOOTH ASPEN (*Populus grandidentata*); cut in the Lake States and Northeastern States.
BALSAM POPLAR (*Populus balsamifera*); cut in the Lake States and Eastern States.
BLACK COTTONWOOD (*Populus trichocarpa*); cut in the Pacific Coast States.

TABLE 15.—PRODUCTION OF CYPRESS [1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 884 | 902,500 | 100.0 | $40.90 |
| Louisiana | 111 | 274,040 | 30.4 | 46.39 |
| Florida | 50 | 257,125 | 28.5 | 44.18 |
| South Carolina | 47 | 72,981 | 8.1 | 36.54 |
| Arkansas | 135 | 71,630 | 7.9 | 29.91 |
| Georgia | 100 | 62,709 | 6.9 | 39.91 |
| Missouri | 87 | 50,775 | 5.6 | 26.89 |
| Mississippi | 64 | 35,244 | 3.9 | 36.36 |
| North Carolina | 60 | 24,446 | 2.7 | 33.77 |
| Tennessee | 53 | 18,841 | 2.1 | 43.57 |
| Texas | 17 | 15,079 | 1.7 | 40.21 |
| All other States (see Table 42) | 70 | 19,720 | 2.2 | 32.11 |

[1] Southern cypress (*Taxodium distichum*) and Pond cypress (*Taxodium ascendens*).

TABLE 16.—PRODUCTION OF DOUGLAS FIR[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 1,129 | 8,154,373 | 100.0 | $20.94 |
| Washington | 387 | 4,912,294 | 60.3 | 21.13 |
| Oregon | 336 | 2,702,432 | 34.2 | 20.68 |
| California | 95 | 206,326 | 2.5 | 21.63 |
| Idaho | 106 | 139,501 | 1.7 | 19.32 |
| Montana | 78 | 74,003 | .9 | 18.12 |
| All other States (see Table 42) | 127 | 29,908 | .4 | 28.59 |

[1] *Pseudotsuga taxifolia* is practically the only species cut commercially as DOUGLAS FIR.

TABLE 17.—PRODUCTION OF ELM[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 1,595 | 190,632 | 100.0 | $36.41 |
| Wisconsin | 148 | 58,269 | 30.6 | 35.88 |
| Michigan | 114 | 26,686 | 14.0 | 40.14 |
| Arkansas | 93 | 24,309 | 12.8 | 31.90 |
| Indiana | 168 | 15,732 | 8.2 | 43.65 |
| Louisiana | 66 | 14,915 | 7.8 | 30.26 |
| Tennessee | 109 | 14,673 | 7.7 | 40.41 |
| Mississippi | 64 | 13,178 | 6.9 | 35.56 |
| Ohio | 194 | 6,325 | 3.3 | 46.26 |
| All other States (see Table 42) | 639 | 16,545 | 8.7 | 30.79 |

[1] The species of elm covered by this table are as follows:
AMERICAN (WHITE OR SOFT) ELM (*Ulmus americana*); cut in all the States east of the Rocky Mountains.
SLIPPERY (OR RED) ELM (*Ulmus fulva*); cut in the same region as American elm.
ROCK ELM (*Ulmus racemosa*); cut in the Lake States.
WINGED ELM (*Ulmus alata*) and CEDAR ELM (*Ulmus crassifolia*); cut in small quantities in the lower Mississippi Valley.

TABLE 18.—PRODUCTION OF HEMLOCK[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 2,257 | 2,139,631 | 100.0 | $21.68 |
| Washington | 161 | 1,097,425 | 51.3 | 19.07 |
| Wisconsin | 151 | 360,927 | 16.9 | 23.84 |
| Michigan | 106 | 189,486 | 8.9 | 20.60 |
| Oregon | 40 | 131,561 | 6.1 | 18.11 |
| Pennsylvania | 259 | 112,361 | 5.3 | 27.84 |
| West Virginia | 88 | 64,604 | 3.0 | 25.78 |
| Maine | 301 | 33,985 | 1.6 | 24.62 |
| New York | 357 | 23,675 | 1.1 | 30.70 |
| Tennessee | 37 | 22,168 | 1.0 | 23.41 |
| North Carolina | 49 | 21,650 | 1.0 | 21.26 |
| All other States (see Table 42) | 708 | 81,789 | 3.8 | 23.01 |

[1] The species of hemlock covered by this table are as follows:
EASTERN HEMLOCK (*Tsuga canadensis*); cut in the Lake States, Northeastern States, and the Appalachian region.
WESTERN HEMLOCK (*Tsuga heterophylla*); found in Washington and Oregon.
MOUNTAIN HEMLOCK (*Tsuga mertensiana*); cut in small quantities in Washington, Oregon, and California.
CAROLINA HEMLOCK (*Tsuga caroliniana*); cut in small quantities in the Appalachian region.

TABLE 19.—PRODUCTION OF HICKORY[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 1,512 | 79,293 | 100.0 | $30.25 |
| Tennessee | 169 | 15,240 | 19.2 | 55.24 |
| Arkansas | 97 | 12,310 | 15.5 | 35.52 |
| Kentucky | 133 | 11,407 | 14.4 | 35.20 |
| West Virginia | 107 | 6,915 | 8.7 | 31.61 |
| Louisiana | 27 | 5,143 | 6.5 | 38.55 |
| Mississippi | 37 | 4,666 | 5.9 | 36.87 |
| Indiana | 146 | 4,174 | 5.3 | 42.58 |
| Ohio | 174 | 3,675 | 4.6 | 45.87 |
| Alabama | 45 | 3,245 | 4.1 | 28.90 |
| Pennsylvania | 158 | 2,697 | 3.4 | 31.01 |
| All other States (see Table 42) | 419 | 9,821 | 12.4 | 32.44 |

[1] Several species of hickory are cut, the principal ones being SHAGBARK HICKORY (*Hicoria ovata*), BIG-LEAF SHAGBARK HICKORY (*Hicoria laciniosa*), PIGNUT HICKORY (*Hicoria glabra*), BITTERNUT HICKORY (*Hicoria cordiformis*), and MOCKERNUT HICKORY or WHITE HICKORY (*Hicoria alba*).

TABLE 20.—PRODUCTION OF LARCH[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 337 | 306,991 | 100.0 | $18.25 |
| Montana | 43 | 133,393 | 43.5 | 16.38 |
| Idaho | 54 | 105,337 | 34.3 | 19.64 |
| Washington | 58 | 33,666 | 11.0 | 16.91 |
| Oregon | 10 | 15,163 | 4.9 | 18.15 |
| Minnesota | 56 | 8,718 | 2.8 | 23.82 |
| Wisconsin | 56 | 7,688 | 2.5 | 26.75 |
| Michigan | 32 | 2,802 | .9 | 20.79 |
| All other States (see Table 42) | 28 | 224 | .1 | 32.36 |

[1] The species of larch covered by this table are as follows:
WESTERN LARCH (*Larix occidentalis*); the species cut in the Inland Empire and the Pacific Northwest.
TAMARACK, or LARCH (*Larix laricina*); cut in the Lake States and New England States.

TABLE 21.—PRODUCTION OF LODGEPOLE PINE[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 102 | 24,979 | 100.0 | $20.22 |
| Wyoming | 26 | 11,906 | 47.7 | 17.39 |
| Colorado | 35 | 10,481 | 41.9 | 23.68 |
| Montana | 19 | 1,254 | 5.0 | 20.14 |
| Utah | 10 | 1,044 | 4.2 | 18.82 |
| All other States (see Table 42) | 12 | 294 | 1.2 | 16.76 |

[1] *Pinus contorta* is the only species cut as LODGEPOLE PINE.

TABLE 22.—PRODUCTION OF MAPLE[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 3,030 | 921,566 | 100.0 | $39.18 |
| Michigan | 153 | 363,227 | 39.4 | 38.68 |
| Wisconsin | 177 | 237,010 | 25.7 | 37.09 |
| New York | 343 | 50,338 | 5.5 | 47.53 |
| West Virginia | 136 | 47,882 | 5.2 | 41.49 |
| Pennsylvania | 348 | 41,213 | 4.5 | 37.93 |
| Indiana | 212 | 29,629 | 3.2 | 55.05 |
| Vermont | 224 | 25,940 | 2.8 | 34.62 |
| Ohio | 280 | 25,655 | 2.8 | 41.49 |
| Arkansas | 94 | 19,251 | 2.1 | 36.17 |
| Tennessee | 162 | 18,433 | 2.0 | 44.21 |
| All other States (see Table 42) | 901 | 62,988 | 6.8 | 35.21 |

[1] The species of maple covered by this table are as follows:
SUGAR (or HARD) MAPLE (*Acer saccharum*); cut principally in the Northern States.
SILVER (or SOFT) MAPLE (*Acer saccharinum*); also cut in the Northern States.
RED (or SOFT) MAPLE (*Acer rubrum*); the principal species of maple cut in the Southern States.
BIGLEAF MAPLE (*Acer macrophyllum*); cut in Oregon and Washington.

TABLE 23.—PRODUCTION OF OAK[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 6,624 | 2,129,181 | 100.0 | $37.00 |
| Arkansas | 386 | 284,893 | 13.3 | 35.32 |
| Tennessee | 550 | 253,340 | 11.9 | 42.10 |
| Louisiana | 133 | 221,863 | 10.4 | 35.95 |
| West Virginia | 255 | 204,385 | 9.6 | 40.31 |
| Mississippi | 244 | 189,818 | 8.9 | 30.59 |
| Virginia | 593 | 143,182 | 6.7 | 40.88 |
| Kentucky | 363 | 105,789 | 5.0 | 39.84 |
| Alabama | 556 | 103,596 | 4.9 | 27.86 |
| Texas | 71 | 98,486 | 4.6 | 34.56 |
| North Carolina | 475 | 82,334 | 3.9 | 36.99 |
| Pennsylvania | 433 | 72,334 | 3.4 | 32.70 |
| Missouri | 287 | 70,816 | 3.3 | 27.93 |
| Indiana | 267 | 65,150 | 3.1 | 54.07 |
| Ohio | 373 | 56,406 | 2.7 | 37.92 |
| Georgia | 170 | 39,889 | 1.9 | 42.53 |
| Maryland | 223 | 30,096 | 1.4 | 35.46 |
| All other States (see Table 42) | 1,245 | 106,804 | 5.0 | 36.03 |

[1] Commercially the oaks are classed as white and red. The principal commercial species are listed below:
WHITE OAKS.—WHITE OAK (*Quercus alba*), common throughout the eastern half of the United States; CHESTNUT (or ROCK) OAK (*Quercus montana*), found in the Appalachian region; POST OAK (*Quercus stellata*) and BUR OAK (*Quercus macrocarpa*), common throughout the eastern half of the country; OVERCUP OAK (*Quercus lyrata*) and SWAMP CHESTNUT (or BASKET) OAK (*Quercus prinus*), the principal southern white oaks.
RED OAKS.—RED OAK (*Quercus borealis maxima*), common in the eastern part of the United States; TEXAS RED OAK (*Quercus texana*), the principal red oak sawed in the lower Mississippi Valley; PIN OAK (*Quercus palustris*), found in the Eastern and Central States; SCARLET OAK (*Quercus coccinea*), the northern and northeastern red oak; BLACK OAK (*Quercus velutina*), common in most States east of the Rocky Mountains; WILLOW OAK (*Quercus phellos*), cut mainly in the Southern States; SHUMARD RED OAK (*Quercus shumardii*), common from eastern Texas to Florida and the South Atlantic States, and through Arkansas and Missouri to Indiana and Illinois.

TABLE 24.—PRODUCTION OF RED GUM [1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 1,632 | 1,100,648 | 100.0 | $31.39 |
| Louisiana | 124 | 271,415 | 24.6 | 31.63 |
| Mississippi | 211 | 228,137 | 20.7 | 29.75 |
| Arkansas | 206 | 206,355 | 18.7 | 31.21 |
| Alabama | 167 | 87,861 | 8.0 | 28.34 |
| Texas | 58 | 83,219 | 7.6 | 29.12 |
| Tennessee | 155 | 73,391 | 6.7 | 42.33 |
| South Carolina | 48 | 44,278 | 4.0 | 33.59 |
| Georgia | 54 | 35,095 | 3.2 | 42.85 |
| North Carolina | 63 | 21,681 | 2.0 | 24.12 |
| All other States (see Table 42) | 546 | 49,216 | 4.5 | 24.52 |

[1] *Liquidambar styraciflua* is the only species cut for red-gum lumber. Commercial sap gum is the sapwood of the red gum.

TABLE 25.—PRODUCTION OF REDWOOD [1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 35 | 510,639 | 100.0 | $33.99 |
| California | (2) | 489,941 | 95.9 | 34.16 |
| Oregon | (2) | 20,698 | 4.1 | 30.00 |

[1] REDWOOD (*Sequoia sempervirens*) is the species chiefly cut; BIGTREE (*Sequoia washingtoniana*) contributes a minor part of the redwood production.
[2] Not shown separately in order to avoid disclosing operations of individual establishments.

TABLE 26.—PRODUCTION OF SPRUCE [1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 1,195 | 751,276 | 100.0 | $27.98 |
| Washington | 79 | 207,927 | 27.7 | 25.47 |
| Oregon | 23 | 175,454 | 23.4 | 26.86 |
| Maine | 287 | 133,860 | 17.8 | 28.71 |
| New Hampshire | 146 | 39,434 | 5.3 | 28.18 |
| North Carolina | 4 | 38,465 | 5.1 | 31.83 |
| West Virginia | 12 | 33,946 | 4.5 | 41.73 |
| Vermont | 240 | 28,080 | 3.7 | 31.80 |
| Idaho | 20 | 22,445 | 3.0 | 23.40 |
| Minnesota | 50 | 19,743 | 2.6 | 27.73 |
| New York | 65 | 15,715 | 2.1 | 32.85 |
| All other States (see Table 42) | 269 | 36,207 | 4.8 | 25.86 |

[1] The species of spruce covered by this table are as follows:
RED SPRUCE (*Picea rubra*); the principal species of spruce cut in the Northeastern States and the Appalachian region.
SITKA SPRUCE (*Picea sitchensis*); the principal species of spruce cut in Oregon and Washington.
BLACK SPRUCE (*Picea mariana*); cut in small quantities in the Northeastern States.
WHITE SPRUCE (*Picea glauca*); cut in the Lake States, New York, and northern New England.
ENGELMANN SPRUCE (*Picea engelmanni*); cut in the Rocky Mountain region.

TABLE 27.—PRODUCTION OF SUGAR PINE[1] LUMBER, FOR PRINCIPAL STATES, 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 61 | 306,992 | 100.0 | $44.79 |
| California | 51 | 299,456 | 97.5 | 44.99 |
| Oregon | 10 | 7,536 | 2.5 | 36.82 |

[1] *Pinus lambertiana*, the only species cut as sugar pine, is found commercially only in California and southern Oregon.

TABLE 28.—PRODUCTION OF SYCAMORE[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 566 | 24,286 | 100.0 | $31.11 |
| Arkansas | 43 | 5,966 | 24.6 | 29.03 |
| Indiana | 113 | 3,147 | 12.9 | 33.64 |
| Tennessee | 40 | 2,811 | 11.6 | 46.04 |
| Mississippi | 40 | 2,265 | 9.3 | 26.46 |
| Louisiana | 29 | 1,762 | 7.2 | 29.59 |
| Illinois | 16 | 1,426 | 5.9 | 35.29 |
| Georgia | 11 | 1,281 | 5.3 | 22.40 |
| Missouri | 41 | 1,032 | 4.3 | 21.47 |
| All other States (see Table 42) | 233 | 4,596 | 18.9 | 29.09 |

[1] *Platanus occidentalis* is the only species cut as SYCAMORE.

TABLE 29.—PRODUCTION OF TUPELO[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 472 | 220,219 | 100.0 | $24.66 |
| Louisiana | 64 | 100,395 | 45.6 | 24.27 |
| South Carolina | 25 | 31,131 | 14.1 | 21.17 |
| Alabama | 51 | 20,936 | 9.5 | 23.77 |
| Mississippi | 62 | 17,937 | 8.1 | 27.15 |
| Texas | 19 | 16,422 | 7.5 | 26.73 |
| Arkansas | 47 | 8,675 | 3.9 | 26.06 |
| North Carolina | 20 | 6,793 | 3.1 | 22.63 |
| Tennessee | 31 | 6,026 | 2.7 | 32.89 |
| Florida | 5 | 4,355 | 2.0 | 31.09 |
| Georgia | 15 | 3,215 | 1.5 | 26.57 |
| All other States (see Table 42) | 127 | 4,334 | 2.0 | 25.90 |

[1] The species of tupelo covered by this table are as follows:
TUPELO GUM (or COTTON GUM) (*Nyssa aquatica*); cut in the Gulf States.
BLACK GUM (or PEPPERIDGE) (*Nyssa sylvatica*); cut in the Atlantic and Central States and sold both as tupelo and as black gum.
SWAMP BLACK GUM (*Nyssa biflora*); cut to a small extent in the South Atlantic States.

TABLE 30.—PRODUCTION OF WALNUT[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 739 | 70,251 | 100.0 | $111.53 |
| Indiana | 116 | 15,864 | 22.5 | 103.17 |
| Ohio | 99 | 14,795 | 21.1 | 118.75 |
| Missouri | 38 | 10,004 | 14.2 | 126.80 |
| Tennessee | 135 | 5,046 | 7.2 | 85.63 |
| All other States (see Table 42) | 351 | 24,542 | 35.0 | 111.68 |

[1] BLACK WALNUT (*Juglans nigra*) is the only species cut for walnut lumber.

TABLE 31.—PRODUCTION OF WESTERN YELLOW PINE[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 784 | 3,127,208 | 100.0 | $27.70 |
| Oregon | 94 | 1,000,694 | 32.0 | 28.00 |
| California and Nevada | 124 | 785,967 | 25.1 | 30.94 |
| Washington | 145 | 441,303 | 14.1 | 26.05 |
| Idaho | 98 | 375,005 | 12.0 | 25.53 |
| Montana | 70 | 159,238 | 5.1 | 24.88 |
| Arizona | 27 | 143,279 | 4.6 | 25.40 |
| New Mexico | 72 | 126,309 | 4.0 | 27.50 |
| South Dakota | 53 | 46,719 | 1.6 | 20.57 |
| Colorado | 74 | 44,574 | 1.4 | 24.32 |
| All other States (see Table 42) | 27 | 4,120 | .1 | 20.34 |

[1] *Pinus ponderosa* is the principal species cut as western yellow pine, together with small quantities of JEFFREY PINE (*Pinus jeffreyi*) in California and of ARIZONA PINE (*Pinus arizonica*) in Arizona.
Western yellow pine is frequently marketed as "Pondosa pine" and also as "California white pine," the latter name applying to the product of California mills.

TABLE 32.—PRODUCTION OF WHITE FIR[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 212 | 336,887 | 100.0 | $22.51 |
| California and Nevada | 68 | 232,048 | 68.9 | 23.78 |
| Idaho | 50 | 71,458 | 21.2 | 19.70 |
| Washington | 24 | 14,395 | 4.3 | 19.86 |
| Oregon | 30 | 11,535 | 3.4 | 17.52 |
| New Mexico | 11 | 3,811 | 1.1 | 23.82 |
| All other States (see Table 42) | 29 | 3,640 | 1.1 | 21.54 |

[1] The following species are marketed as white fir:
WHITE FIR (*Abies concolor*); cut only in the West.
LOWLAND WHITE FIR (*Abies grandis*); cut mainly in Idaho and Montana.
SILVER FIR (*Abies amabilis*); cut chiefly in Washington.
RED FIR (*Abies magnifica*); cut chiefly in California.
ALPINE FIR (*Abies lasiocarpa*); cut chiefly in the central and northern Rocky Mountain States and in the Cascade Mountain region.

TABLE 33.—PRODUCTION OF WHITE PINE[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 2,188 | 1,521,128 | 100.0 | $32.58 |
| Minnesota | 117 | 479,930 | 31.5 | 30.19 |
| Idaho | 48 | 389,267 | 25.6 | 37.04 |
| New Hampshire | 267 | 155,148 | 10.2 | 25.01 |
| Maine | 376 | 121,239 | 8.0 | 31.82 |
| Washington | 46 | 90,559 | 5.9 | 36.85 |
| Wisconsin | 139 | 80,732 | 5.3 | 39.99 |
| Massachusetts | 166 | 63,290 | 4.2 | 24.98 |
| Michigan | 83 | 28,406 | 1.9 | 41.13 |
| New York | 266 | 24,109 | 1.6 | 36.29 |
| All other States (see Table 42) | 680 | 88,448 | 5.8 | 30.73 |

[1] The species of white pine covered by this table are as follows:
EASTERN WHITE PINE (*Pinus strobus*); cut in the Lake States, the Northeastern States, and the Appalachian region.
NORWAY (or RED) PINE (*Pinus resinosa*); cut in the Lake States and marketed to a large extent with white pine, although botanically a yellow pine.
JACK (or HUDSON BAY) PINE (*Pinus banksiana*); cut in the Lake States.
WESTERN WHITE PINE (*Pinus monticola*); cut in Idaho, Montana, Washington, and Oregon.

TABLE 34.—PRODUCTION OF YELLOW PINE[1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 7,496 | 13,235,936 | 100.0 | $26.46 |
| Mississippi | 1,154 | 2,562,120 | 19.4 | 25.09 |
| Louisiana | 219 | 2,289,846 | 17.3 | 30.45 |
| Alabama | 1,005 | 1,953,582 | 14.8 | 23.32 |
| Texas | 207 | 1,351,248 | 10.2 | 28.59 |
| Georgia | 1,089 | 1,172,640 | 8.9 | 21.80 |
| Arkansas | 360 | 904,038 | 6.8 | 29.96 |
| Florida | 214 | 793,730 | 6.0 | 30.73 |
| South Carolina | 510 | 783,857 | 5.9 | 25.27 |
| North Carolina | 880 | 750,475 | 5.7 | 24.27 |
| Virginia | 641 | 399,249 | 3.0 | 29.42 |
| Oklahoma | 57 | 152,118 | 1.1 | 30.12 |
| All other States (see Table 42) | 560 | 123,033 | .9 | 22.00 |

[1] The species of yellow pine covered by this table are as follows:
LONGLEAF PINE (*Pinus palustris*); also known as Georgia pine and hard pine and exported as pitch pine; cut mainly in the Gulf States.
LOBLOLLY PINE (*Pinus taeda*); also called shortleaf, North Carolina, old field, rosemary, and Virginia pine; cut mainly in Virginia, North Carolina, South Carolina, Arkansas, and Texas.
SHORTLEAF PINE (*Pinus echinata*); cut mainly in Virginia, North Carolina, South Carolina, Arkansas, Missouri, Louisiana, and Mississippi.
SAND PINE (*Pinus clausa*); Florida and Alabama.
SLASH PINE (*Pinus caribaea*); cut mainly in Georgia and the Gulf States east of the Mississippi River.
VIRGINIA PINE (*Pinus virginiana*); also called JERSEY PINE and SPRUCE PINE; cut in the Middle Atlantic States.
PITCH PINE (*Pinus rigida*); Middle Atlantic and Northern States.
SPRUCE PINE (*Pinus glabra*); Georgia and Gulf States.
POND PINE (*Pinus rigida serotina*); South Atlantic States.
MOUNTAIN PINE (*Pinus pungens*); Appalachian Mountains.

TABLE 35.—PRODUCTION OF YELLOW POPLAR [1] LUMBER, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (M feet b. m.) | Per cent distribution | Average value per M feet, f. o. b. mill |
|---|---|---|---|---|
| United States | 2,476 | 375,662 | 100.0 | $43.44 |
| Tennessee | 332 | 74,264 | 19.7 | 49.92 |
| West Virginia | 162 | 67,571 | 18.0 | 53.97 |
| Alabama | 342 | 42,430 | 11.3 | 33.27 |
| Virginia | 272 | 37,456 | 10.0 | 42.12 |
| Georgia | 134 | 37,082 | 9.9 | 38.68 |
| Mississippi | 95 | 24,677 | 6.6 | 38.27 |
| North Carolina | 242 | 21,140 | 5.6 | 38.04 |
| Kentucky | 211 | 21,001 | 5.6 | 38.48 |
| South Carolina | 52 | 18,809 | 5.0 | 39.91 |
| Louisiana | 17 | 8,579 | 2.3 | 34.43 |
| Indiana | 115 | 5,307 | 1.4 | 53.50 |
| Pennsylvania | 142 | 4,543 | 1.2 | 44.11 |
| Ohio | 129 | 3,012 | .8 | 37.33 |
| All other States (see Table 42) | 231 | 9,701 | 2.6 | 34.76 |

[1] YELLOW POPLAR (*Liriodendron tulipifera*) is the species cut for poplar lumber. With it are cut and marketed small quantities of EVERGREEN MAGNOLIA (*Magnolia grandifolia*) in eastern Texas and Louisiana, and CUCUMBER MAGNOLIA (*Magnolia acuminata*) in the southern Appalachian region.

TABLE 36.—PRODUCTION OF LUMBER FROM MINOR SPECIES: 1925

| KIND OF WOOD | Quantity reported (M feet b. m.) | Average value per M feet, f. o. b. mill | Principal States reporting |
|---|---|---|---|
| Total | 114,738 | $104.34 | |
| Mahogany | 69,336 | 164.67 | Louisiana, New York, Massachusetts, and Pennsylvania. |
| Willow | 14,334 | 29.72 | Louisiana, Mississippi, and Arkansas. |
| Evergreen magnolia | 12,169 | 31.19 | Louisiana, Texas, and Mississippi. |
| Cherry | 9,101 | 61.97 | Pennsylvania, West Virginia, New York, and Ohio. |
| Alder | 4,654 | 30.47 | Oregon and Washington. |
| Buckeye | 3,029 | 31.72 | Tennessee, North Carolina, and West Virginia. |
| Pecan | 2,929 | 28.13 | Louisiana and Arkansas. |
| Locust | 2,606 | 30.51 | Virginia, Louisiana, Tennessee, and Pennsylvania. |
| Hackberry | 2,391 | 29.25 | Arkansas, Mississippi, and Louisiana. |
| Dogwood | 795 | 236.98 | Kentucky and North Carolina. |
| Butternut | 749 | 33.58 | Tennessee, West Virginia, and Indiana. |
| Spanish cedar | 520 | 127.98 | Louisiana. |
| Red bay | 466 | 29.45 | Florida. |
| Cucumber magnolia | 375 | 34.12 | West Virginia. |
| Persimmon | 264 | 31.57 | North Carolina and Arkansas. |
| All other [1] | 415 | 64.56 | Massachusetts, California, North Carolina, and Arkansas. |

[1] Banak, box elder, Brazilian, chittam, holly, ironbark, ironwood, jarrah, mulberry, myrtle, rakuda, red bean, rosewood, Santa Maria, sassafras, teak, and yemery.

TABLE 37.—AVERAGE VALUES OF LUMBER AT THE MILL PER M FEET, BOARD MEASURE, BY KINDS OF WOOD, FOR SPECIFIED YEARS: 1899 TO 1925

| KIND OF WOOD | 1925 | 1924 | 1923 | 1922 | 1921 | 1920 | 1919 | 1918 | 1917 | 1915 | 1911 | 1909 | 1904 | 1899 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| All kinds [1] | $28.02 | $28.57 | $31.78 | $26.15 | $23.47 | $38.42 | $30.21 | $24.79 | $20.32 | $14.04 | $15.05 | $15.38 | $12.76 | $11.18 |
| SOFTWOODS | | | | | | | | | | | | | | |
| Balsam fir | 26.65 | 27.06 | 27.62 | 25.05 | 25.71 | 34.33 | 32.23 | 27.27 | 20.02 | 13.79 | 13.42 | 13.99 | (2) | (2) |
| Cedar | 38.80 | 38.74 | 37.56 | 29.19 | 38.55 | 38.68 | 33.80 | 24.86 | 19.40 | 16.10 | 13.36 | 19.95 | 14.35 | 10.91 |
| Cypress | 40.90 | 42.08 | 44.61 | 40.05 | 36.88 | 51.02 | 38.38 | 30.56 | 23.92 | 19.85 | 20.54 | 20.40 | 17.50 | 13.32 |
| Douglas fir | 20.94 | 22.08 | 26.99 | 20.93 | 18.04 | 34.59 | 24.62 | 18.77 | 16.28 | 10.59 | 11.05 | 12.44 | 9.51 | 8.67 |
| Hemlock | 21.58 | 23.35 | 26.21 | 21.83 | 20.79 | 32.05 | 29.16 | 23.97 | 20.78 | 13.14 | 13.59 | 13.95 | 11.91 | 9.98 |
| Larch (tamarack) | 18.25 | 20.82 | 21.98 | 18.54 | 15.56 | 30.23 | 23.39 | 19.86 | 16.21 | 10.78 | 11.87 | 12.68 | 11.39 | 8.73 |
| Lodgepole pine | 20.22 | 21.07 | 21.76 | 19.07 | 21.81 | 30.58 | 29.98 | 20.95 | 18.34 | 13.57 | 12.41 | 16.25 | (2) | (2) |
| Redwood | 33.99 | 35.90 | 43.08 | 35.72 | 40.57 | 46.90 | 30.04 | 24.30 | 21.00 | 13.54 | 13.99 | 14.80 | 12.83 | 10.12 |
| Spruce | 27.98 | 30.18 | 31.44 | 25.47 | 25.73 | 38.94 | 30.76 | 28.05 | 24.41 | 16.55 | 16.14 | 16.91 | 14.03 | 11.27 |
| Sugar pine | 44.79 | 40.54 | 45.33 | 43.78 | 37.83 | 48.76 | 35.99 | 28.20 | 24.69 | 17.40 | 17.52 | 18.14 | (2) | 12.30 |
| Yellow pine | 26.46 | 26.56 | 29.82 | 23.06 | 19.42 | 35.89 | 28.71 | 24.38 | 19.00 | 12.41 | 13.87 | 12.69 | 9.96 | 8.46 |
| Western yellow pine | 27.70 | 27.73 | 33.09 | 27.75 | 26.95 | 38.73 | 27.75 | 20.87 | 19.59 | 14.32 | 13.62 | 15.39 | 11.30 | 9.70 |
| White fir | 22.51 | 21.69 | 23.84 | 19.97 | 21.37 | 30.44 | 25.06 | 19.61 | 17.16 | 10.94 | 10.64 | 13.10 | (2) | (2) |
| White pine | 32.58 | 32.66 | 34.85 | 36.37 | 30.03 | 41.49 | 32.83 | 30.84 | 24.81 | 17.44 | 18.54 | 18.16 | 14.93 | 12.69 |
| HARDWOODS | | | | | | | | | | | | | | |
| Ash | 48.46 | 49.54 | 50.35 | 42.43 | 38.18 | 61.28 | 52.69 | 38.70 | 30.01 | 22.15 | 21.21 | 24.44 | 18.77 | 16.84 |
| Basswood | 39.76 | 41.94 | 46.60 | 35.67 | 33.09 | 54.28 | 40.03 | 34.00 | 25.96 | 18.89 | 19.20 | 19.50 | 16.86 | 12.84 |
| Beech | 29.21 | 29.95 | 30.22 | 26.84 | 26.99 | 36.51 | 29.98 | 25.06 | 19.58 | 14.01 | 14.09 | 13.26 | (2) | (2) |
| Birch | 41.68 | 43.83 | 43.33 | 35.84 | 31.53 | 53.44 | 35.79 | 29.94 | 24.07 | 16.52 | 16.61 | 16.95 | 15.44 | 12.60 |
| Chestnut | 30.37 | 25.07 | 29.75 | 29.29 | 27.87 | 42.48 | 32.30 | 27.31 | 21.54 | 16.17 | 16.63 | 16.12 | 13.78 | 13.37 |
| Cottonwood | 26.70 | 29.43 | 30.19 | 26.05 | 25.05 | 33.38 | 32.24 | 26.13 | 23.19 | 17.36 | 18.12 | 18.05 | 14.92 | 10.37 |
| Elm | 36.41 | 38.63 | 43.53 | 33.28 | 29.63 | 47.23 | 36.30 | 28.19 | 23.89 | 16.98 | 17.13 | 17.52 | 14.45 | 11.47 |
| Gum, red and sap | 31.39 | 30.24 | 32.35 | 27.07 | 22.46 | 35.24 | 32.68 | 23.21 | 19.56 | 12.54 | 12.11 | 13.29 | 10.87 | 9.63 |
| Hickory | 39.25 | 52.24 | 46.30 | 36.20 | 36.60 | 52.57 | 44.37 | 37.05 | 29.48 | 23.35 | 22.47 | 30.80 | 23.94 | 18.78 |
| Maple | 39.18 | 40.36 | 41.50 | 33.52 | 30.34 | 50.16 | 35.56 | 29.05 | 23.16 | 15.21 | 15.49 | 15.77 | 14.94 | 11.83 |
| Oak | 37.00 | 36.13 | 39.08 | 34.01 | 30.56 | 46.83 | 37.87 | 31.11 | 24.49 | 18.73 | 19.14 | 20.50 | 17.51 | 13.78 |
| Sycamore | 31.11 | 29.31 | 30.25 | 25.29 | 22.55 | 32.12 | 30.32 | 23.59 | 18.08 | 13.86 | 13.16 | 14.87 | (2) | 11.04 |
| Tupelo | 24.65 | 25.86 | 24.90 | 22.86 | 18.59 | 33.68 | 28.42 | 22.73 | 18.06 | 12.25 | 12.46 | 11.87 | (2) | (2) |
| Yellow poplar | 43.44 | 44.38 | 51.29 | 39.18 | 37.31 | 58.87 | 41.65 | 35.06 | 27.17 | 22.45 | 25.46 | 25.39 | 18.99 | 14.08 |
| Walnut | 111.53 | 103.66 | 109.88 | 80.08 | 88.88 | 88.92 | 72.13 | 77.60 | 72.90 | 48.87 | 31.70 | 43.70 | 45.64 | 36.49 |

[1] Including minor species. [2] No data.

TABLE 38.—PRODUCTION OF LATH, FOR SPECIFIED YEARS: 1899 TO 1925

| YEAR | Quantity (thousands) | Average value per thousand | YEAR | Quantity (thousands) | Average value per thousand |
|---|---|---|---|---|---|
| 1925 | 3,161,137 | $4.28 | 1912 | 2,719,183 | (1) |
| 1924 | 2,961,200 | (1) | 1911 | 2,671,110 | 2.61 |
| 1923 | 3,328,013 | 4.56 | 1910 | 3,494,718 | 2.31 |
| 1922 | 2,940,714 | (1) | 1909 | 3,703,195 | 2.69 |
| 1921 | 1,970,696 | 4.37 | 1908 | 2,986,034 | 2.27 |
| 1920 | 1,952,983 | (1) | 1907 | 3,663,602 | 2.82 |
| 1919 | 1,724,078 | 4.81 | 1906 | 3,812,807 | 3.01 |
| 1918 | 1,362,187 | (1) | 1905 | 3,111,157 | (1) |
| 1917 | 2,281,738 | (1) | 1904 | 2,647,847 | 2.05 |
| 1916 | 2,754,653 | (1) | 1899 | 2,523,998 | 1.86 |
| 1915 | 2,745,134 | (1) | | | |

[1] No data.

TABLE 39.—PRODUCTION OF LATH, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (thousands) | Per cent distribution |
|---|---|---|---|
| United States | 905 | 3,161,137 | 100.0 |
| Washington | 115 | 766,591 | 24.3 |
| Oregon | 57 | 360,438 | 11.4 |
| Louisiana | 53 | 320,443 | 10.1 |
| Minnesota | 73 | 317,149 | 10.0 |
| Maine | 79 | 184,538 | 5.8 |
| Mississippi | 22 | 170,961 | 5.4 |
| Florida | 37 | 147,867 | 4.7 |
| California and Nevada | 23 | 146,412 | 4.6 |
| Wisconsin | 72 | 142,764 | 4.5 |
| Idaho | 27 | 134,340 | 4.2 |
| Michigan | 39 | 71,360 | 2.3 |
| Texas | 9 | 60,107 | 1.9 |
| Arkansas | 22 | 58,317 | 1.9 |
| Alabama | 18 | 44,582 | 1.4 |
| West Virginia | 30 | 33,810 | 1.1 |
| Montana | 14 | 32,109 | 1.0 |
| All other States (see Table 42) | 215 | 169,354 | 5.4 |

TABLE 40.—PRODUCTION OF SHINGLES, FOR SPECIFIED YEARS: 1899 TO 1925

| YEAR | Quantity (thousands) | Average value per thousand | YEAR | Quantity (thousands) | Average value per thousand |
|---|---|---|---|---|---|
| 1925 | 7,324,027 | $2.98 | 1912 | 12,037,685 | (1) |
| 1924 | 6,802,385 | (1) | 1911 | 12,113,867 | $2.07 |
| 1923 | 7,506,809 | 3.18 | 1910 | 12,976,362 | 2.00 |
| 1922 | 8,131,242 | (1) | 1909 | 14,907,371 | 2.03 |
| 1921 | 6,843,187 | 2.84 | 1908 | 12,106,483 | 2.00 |
| 1920 | 6,156,416 | (1) | 1907 | 11,824,475 | 2.55 |
| 1919 | 9,192,704 | 4.19 | 1906 | 11,858,260 | 2.04 |
| 1918 | 5,690,182 | (1) | 1905 | 15,340,909 | (1) |
| 1917 | 8,696,513 | (1) | 1904 | 14,546,551 | 1.65 |
| 1916 | 9,371,333 | (1) | 1899 | 12,102,017 | 1.56 |
| 1915 | 8,459,378 | (1) | | | |

[1] No data.

TABLE 41.—PRODUCTION OF SHINGLES, FOR PRINCIPAL STATES: 1925

| STATE | Number of active mills reporting | Quantity (thousands) | Per cent distribution |
|---|---|---|---|
| United States | 553 | 7,324,027 | 100.0 |
| Washington | 168 | 6,196,650 | 84.6 |
| Oregon | 32 | 442,628 | 6.1 |
| California | 34 | 143,384 | 2.0 |
| Louisiana | 17 | 111,887 | 1.5 |
| Maine | 74 | 91,264 | 1.3 |
| Michigan | 24 | 88,053 | 1.2 |
| Wisconsin | 28 | 54,440 | .7 |
| Florida | 29 | 47,130 | .6 |
| North Carolina | 8 | 29,417 | .4 |
| Mississippi | 8 | 23,841 | .3 |
| Arkansas | 7 | 21,478 | .3 |
| Georgia | 17 | 18,762 | .3 |
| Alabama | 16 | 16,983 | .2 |
| All other States (see Table 42) | 91 | 38,110 | .5 |

## TABLE 42.—ACTIVE SAWMILLS REPORTING, AND REPORTED PRODUCTION OF EACH KIND OF LUMBER, AND OF LATH AND SHINGLES, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the States shown in combination, however, reported larger quantities of lumber sawed than some of the States shown separately]

| STATE | Number of active mills reporting [1] | Aggregate lumber sawed (M feet b. m.) | SOFTWOOD LUMBER SAWED (M FEET B. M.) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Total | Yellow pine | Douglas fir | Western yellow pine | Hemlock | White pine |
| United States | 15,800 | 38,338,641 | 31,710,478 | 13,235,936 | 8,154,373 | 3,127,208 | 2,139,031 | 1,521,128 |
| Alabama | 1,695 | 2,235,738 | 1,964,522 | 1,953,582 | | | | |
| Arizona | 27 | 145,609 | 145,609 | | 1,550 | 143,279 | | |
| Arkansas | 635 | 1,597,130 | 976,419 | 904,038 | | | | |
| California–Nevada [1] | 183 | 2,042,991 | 2,040,674 | | 206,325 | 785,967 | | |
| Colorado | 145 | 71,069 | 71,001 | | 5,363 | 44,574 | | |
| Connecticut | 128 | 41,650 | 10,407 | | | | 2,535 | 7,749 |
| Delaware | 30 | 7,324 | 4,695 | 4,690 | | | | |
| Florida | 229 | 1,063,876 | 1,050,924 | 703,730 | | | | |
| Georgia | 1,105 | 1,365,174 | 1,238,181 | 1,172,640 | | | 524 | 2,302 |
| Idaho | 145 | 1,140,575 | 1,140,110 | | 139,501 | 375,005 | 2,485 | 380,267 |
| Illinois | 59 | 20,456 | 1,425 | 718 | | | | |
| Indiana | 286 | 178,560 | 391 | | | | | |
| Iowa and Kansas [1] | 25 | 16,069 | | | | | | |
| Kentucky | 401 | 207,278 | 22,281 | 5,051 | | | 6,406 | 3,849 |
| Louisiana | 311 | 3,293,091 | 2,564,272 | 2,289,846 | | | | |
| Maine | 492 | 330,103 | 301,832 | | | | 33,985 | 121,230 |
| Maryland | 295 | 88,963 | 37,227 | 32,778 | | | 1,923 | 2,450 |
| Massachusetts | 199 | 109,625 | 75,617 | | | | 10,349 | 63,290 |
| Michigan | 174 | 797,610 | 231,765 | | | | 189,486 | 28,406 |
| Minnesota | 200 | 578,703 | 512,787 | | | | 96 | 479,230 |
| Mississippi | 1,281 | 3,127,678 | 2,597,365 | 2,662,120 | | | | |
| Missouri | 313 | 186,789 | 72,772 | 21,994 | | | | |
| Montana | 121 | 388,854 | 388,844 | | 74,003 | 159,238 | 2,683 | 9,915 |
| New Hampshire | 304 | 260,680 | 215,370 | | | | 19,318 | 155,148 |
| New Jersey | 41 | 9,816 | 4,242 | 3,727 | | | 96 | 63 |
| New Mexico | 71 | 152,330 | 152,325 | | 20,619 | 126,309 | | |
| New York | 497 | 197,654 | 64,631 | 457 | | | 23,675 | 24,109 |
| North Carolina | 1,047 | 1,040,735 | 843,755 | 750,475 | | | 21,650 | 5,989 |
| Ohio | 397 | 140,736 | 490 | | | | 311 | 179 |
| Oklahoma | 72 | 157,680 | 152,120 | 152,118 | | | | |
| Oregon | 416 | 4,216,383 | 4,209,596 | | 2,792,432 | 1,000,694 | 131,561 | 538 |
| Pennsylvania | 627 | 330,822 | 126,926 | 684 | | | 112,361 | 13,577 |
| Rhode Island | 11 | 3,686 | 1,942 | | | | 5 | 1,927 |
| South Carolina | 520 | 980,289 | 856,880 | 783,857 | | | | |
| South Dakota | 54 | 46,779 | 46,719 | | | 46,719 | | |
| Tennessee | 647 | 642,359 | 111,286 | 52,274 | | | 22,163 | 9,749 |
| Texas | 225 | 1,578,008 | 1,366,332 | 1,351,248 | | | | |
| Utah | 47 | 5,861 | 5,432 | | 1,325 | 1,717 | | 20 |
| Vermont | 310 | 126,433 | 62,071 | | | | 16,166 | 14,938 |
| Virginia | 899 | 709,180 | 441,013 | 399,249 | | | 18,892 | 11,233 |
| Washington | 592 | 7,027,325 | 7,024,145 | | 4,912,204 | 441,303 | 1,097,425 | 90,559 |
| West Virginia | 267 | 583,353 | 103,210 | 660 | | | 64,604 | 3,970 |
| Wisconsin | 234 | 1,068,612 | 456,768 | | | | 360,927 | 80,732 |
| Wyoming | 43 | 16,105 | 16,105 | | 1,051 | 2,403 | | |

See footnotes at end of table

TABLE 42.—ACTIVE SAWMILLS REPORTING, AND REPORTED PRODUCTION OF EACH KIND OF LUMBER, AND OF LATH AND SHINGLES, BY STATES: 1925—Con.

[See note at head of this table]

| STATE | SOFTWOOD LUMBER SAWED (M FEET B. M.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Cypress | Spruce | Redwood | Cedar | White fir | Sugar pine | Larch | Lodgepole pine | Balsam fir |
| United States | 902,590 | 751,276 | 510,639 | 372,162 | 336,887 | 306,992 | 306,991 | 24,979 | 19,686 |
| Alabama | 5,709 | | | 5,231 | | | | | |
| Arizona | | 400 | | | 380 | | | | |
| Arkansas | 71,630 | | | 751 | | | | | |
| California-Nevada [2] | | 1,133 | 489,941 | 25,747 | 232,048 | 299,456 | | 57 | |
| Colorado | | 9,939 | | | 644 | | | 10,481 | |
| Connecticut | | | | 123 | | | | | |
| Delaware | | | | 5 | | | | | |
| Florida | 257,125 | | | 69 | | | | | |
| Georgia | 62,709 | | | 6 | | | | | |
| Idaho | | 22,445 | | 34,377 | 71,458 | | 105,337 | 235 | |
| Illinois | 707 | | | | | | | | |
| Indiana | 355 | | | 36 | | | | | |
| Iowa and Kansas [1] | | | | | | | | | |
| Kentucky | 4,597 | | | 2,378 | | | | | |
| Louisiana | 274,040 | | | 386 | | | | | |
| Maine | | 133,860 | | 4,034 | | | 174 | | 8,540 |
| Maryland | 65 | | | 11 | | | | | |
| Massachusetts | | 1,720 | | 242 | | | | | 7 |
| Michigan | | 6,640 | | 2,505 | | | 2,802 | | 1,926 |
| Minnesota | | 19,743 | | 106 | | | 8,718 | | 4,194 |
| Mississippi | 35,244 | | | 1 | | | | | |
| Missouri | 50,775 | | | 3 | | | | | |
| Montana | | 5,368 | | 757 | 2,233 | | 133,393 | 1,254 | |
| New Hampshire | | 39,434 | | 200 | | | | | 1,270 |
| New Jersey | | | | 356 | | | | | |
| New Mexico | | 1,585 | | 1 | 3,811 | | | | |
| New York | | 15,715 | | 70 | | | 28 | | 577 |
| North Carolina | 24,446 | 38,465 | | 2,730 | | | | | |
| Ohio | | | | | | | | | |
| Oklahoma | 2 | | | | | | | | |
| Oregon | | 175,454 | 20,698 | 53,985 | 11,535 | 7,536 | 15,163 | | |
| Pennsylvania | | 116 | | 180 | | | 8 | | |
| Rhode Island | | 10 | | | | | | | |
| South Carolina | 72,081 | | | 42 | | | | | |
| South Dakota | | | | | | | | | |
| Tennessee | 18,841 | 100 | | 8,154 | | | | | |
| Texas | 15,079 | | | 5 | | | | | |
| Utah | | 960 | | 3 | 363 | | | 1,044 | |
| Vermont | | 28,080 | | 434 | | | 14 | | 2,439 |
| Virginia | 8,285 | 2,419 | | 935 | | | | | |
| Washington | | 207,927 | | 226,664 | 14,395 | | 33,666 | 2 | |
| West Virginia | | 33,940 | | 30 | | | | | |
| Wisconsin | | 5,083 | | 1,605 | | | 7,688 | | 733 |
| Wyoming | | 725 | | | 20 | | | 11,906 | |

See footnotes at end of table

TABLE 42.—ACTIVE SAWMILLS REPORTING, AND REPORTED PRODUCTION OF EACH KIND OF LUMBER, AND OF LATH AND SHINGLES, BY STATES: 1925—Con.

[See note at head of this table]

| STATE | HARDWOOD LUMBER SAWED (M FEET B. M.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total | Oak | Red gum | Maple | Birch | Yellow poplar | Chestnut | Tupelo | Elm |
| United States | 6,628,163 | 2,129,181 | 1,100,648 | 921,566 | 412,229 | 375,662 | 308,091 | 220,219 | 190,632 |
| Alabama | 271,216 | 103,596 | 87,861 | 529 | 19 | 42,430 | 467 | 20,936 | 1,662 |
| Arizona | | | | | | | | | |
| Arkansas | 620,711 | 284,803 | 206,355 | 19,251 | 15 | 2,476 | 98 | 8,675 | 24,309 |
| California | | | | | | | | | |
| Nevada [1] | 2,317 | 1,924 | | | | | | | |
| Colorado | 68 | | | | | | | | |
| Connecticut | 31,243 | 13,513 | | 3,163 | 1,228 | 409 | 10,001 | | 436 |
| Delaware | 2,629 | 1,804 | 205 | 5 | 50 | 421 | 54 | | |
| Florida | 12,952 | 1,160 | 3,146 | 42 | | 1,428 | | 4,355 | 9 |
| Georgia | 126,993 | 39,889 | 35,095 | 1,302 | 12 | 37,082 | 1,042 | 8,215 | 199 |
| Idaho | 466 | | | | | | | | |
| Illinois | 28,031 | 11,794 | 2,470 | 2,030 | 25 | 700 | 20 | 102 | 2,352 |
| Indiana | 178,109 | 65,150 | 2,408 | 29,629 | 212 | 5,307 | 405 | 595 | 15,732 |
| Iowa and Kansas [1] | 16,009 | 1,015 | | 151 | 4 | | | | 566 |
| Kentucky | 184,907 | 105,789 | 6,162 | 4,137 | 181 | 21,091 | 10,492 | 363 | 460 |
| Louisiana | 728,819 | 221,803 | 271,415 | 201 | | 8,579 | | 100,395 | 14,915 |
| Maine | 28,271 | 2,133 | | 3,587 | 19,092 | 112 | | | 127 |
| Maryland | 51,736 | 30,096 | 2,298 | 4,713 | 785 | 2,621 | 8,715 | 17 | 10 |
| Massachusetts | 34,008 | 7,508 | | 2,989 | 4,427 | 418 | 8,665 | | 150 |
| Michigan | 565,845 | 6,585 | | 363,227 | 95,395 | 27 | | | 26,686 |
| Minnesota | 65,916 | 4,684 | | 394 | 3,544 | | | | 1,857 |
| Mississippi | 530,313 | 189,818 | 228,137 | 5,618 | 100 | 24,677 | | 17,937 | 13,178 |
| Missouri | 114,017 | 70,816 | 12,779 | 4,849 | 70 | 105 | | 1,699 | 3,182 |
| Montana | 10 | | | | | | | | |
| New Hampshire | 45,310 | 5,358 | | 6,992 | 22,564 | 205 | 3,634 | | 33 |
| New Jersey | 5,574 | 4,292 | 70 | 119 | 25 | 113 | 624 | 4 | 53 |
| New Mexico | 5 | | | | | | | | |
| New York | 133,023 | 12,678 | 5 | 50,338 | 18,391 | 159 | 4,933 | 3 | 1,821 |
| North Carolina | 196,980 | 82,334 | 21,681 | 8,216 | 1,017 | 21,140 | 41,164 | 6,793 | 18 |
| Ohio | 140,246 | 56,406 | 586 | 25,655 | 103 | 3,012 | 4,125 | 23 | 6,325 |
| Oklahoma | 5,460 | 3,287 | 1,023 | 13 | | | | 10 | 359 |
| Oregon | 6,787 | 295 | | 2,091 | | | | | |
| Pennsylvania | 203,896 | 72,334 | 819 | 41,213 | 6,180 | 4,543 | 28,681 | 63 | 1,298 |
| Rhode Island | 1,744 | 909 | | 00 | | | 775 | | |
| South Carolina | 123,409 | 12,192 | 44,278 | 4,918 | | 18,809 | 100 | 31,131 | 536 |
| South Dakota | 60 | | | | | | | | |
| Tennessee | 531,073 | 253,340 | 73,391 | 18,433 | 1,006 | 74,264 | 29,388 | 6,026 | 14,673 |
| Texas | 211,676 | 98,486 | 83,219 | 426 | 85 | | | 16,422 | 602 |
| Utah | 429 | | | 2 | | | | | |
| Vermont | 64,362 | 2,200 | | 25,940 | 19,878 | 418 | 284 | | 601 |
| Virginia | 268,167 | 143,182 | 15,832 | 5,856 | 928 | 37,456 | 49,987 | 747 | 126 |
| Washington | 3,180 | 40 | | 585 | 65 | | | | |
| West Virginia | 480,143 | 204,385 | 1,323 | 47,882 | 6,826 | 67,571 | 104,377 | 708 | 88 |
| Wisconsin | 611,844 | 13,433 | | 237,010 | 210,002 | | | | 58,269 |
| Wyoming | | | | | | | | | |

See footnotes at end of table

TABLE 42.—ACTIVE SAWMILLS REPORTING, AND REPORTED PRODUCTION OF EACH KIND OF LUMBER, AND OF LATH AND SHINGLES, BY STATES: 1925—Con.

[See note at head of this table]

| STATE | HARDWOOD LUMBER SAWED (M FEET B. M.) | | | | | | | | Lath (thousands) | Shingles (thousands) |
|---|---|---|---|---|---|---|---|---|---|---|
| | Beech | Basswood | Ash | Cottonwood | Hickory | Walnut | Sycamore | All other | | |
| United States | 180,585 | 179,642 | 179,032 | 142,113 | 79,293 | 70,251 | 24,286 | 114,733 | 3,161,137 | 7,324,027 |
| Alabama | 993 | 107 | 4,192 | 2,986 | 3,245 | 175 | 897 | 1,121 | 44,582 | 16,983 |
| Arizona | | | | | | | | | 26,582 | 686 |
| Arkansas | 1,728 | 426 | 28,999 | 18,154 | 12,310 | 933 | 5,966 | 6,124 | 58,317 | 21,478 |
| California-Nevada [1] | | | | 80 | | 7 | | 306 | 146,412 | 143,384 |
| Colorado | | | | 68 | | | | | 3,003 | 60 |
| Connecticut | 518 | 366 | 735 | 11 | 791 | 12 | 11 | 49 | 100 | 100 |
| Delaware | | | | | | | | | 60 | |
| Florida | 1 | 20 | 1,067 | 180 | 1,002 | | 3 | 539 | 147,867 | 47,130 |
| Georgia | 61 | 133 | 6,150 | 730 | 493 | | 1,281 | 300 | 22,186 | 18,762 |
| Idaho | | | | 465 | | | | | 134,340 | 15,836 |
| Illinois | 122 | 70 | 798 | 875 | 402 | 4,589 | 1,426 | 256 | 46 | |
| Indiana | 20,139 | 5,140 | 6,378 | 1,155 | 4,174 | 15,864 | 3,147 | 2,674 | | |
| Iowa and Kansas [2] | | 134 | 47 | 1,233 | 14 | 12,828 | 77 | | | |
| Kentucky | 9,505 | 1,573 | 3,964 | 3,104 | 11,407 | 3,159 | 835 | 2,715 | 2,416 | 100 |
| Louisiana | 2,037 | 32 | 33,589 | 17,746 | 5,143 | 163 | 1,762 | 50,989 | 320,443 | 111,887 |
| Maine | 1,796 | 888 | 503 | 13 | 20 | | | | 184,533 | 91,264 |
| Maryland | 568 | 409 | 288 | | 592 | 270 | 295 | 59 | 3,090 | |
| Massachusetts | 2,054 | 487 | 842 | 60 | 84 | | 5 | 6,319 | 40 | 3,153 |
| Michigan | 27,098 | 35,807 | 8,330 | 1,403 | 134 | 180 | 66 | 907 | 71,360 | 88,053 |
| Minnesota | | 3,189 | 795 | 51,438 | 9 | 6 | | | 317,149 | 330 |
| Mississippi | 2,778 | 105 | 9,972 | 24,086 | 4,666 | | 2,265 | 6,976 | 170,961 | 23,841 |
| Missouri | 57 | 299 | 1,875 | 6,467 | 763 | 10,004 | 1,032 | 20 | 1,126 | 15 |
| Montana | | | | 10 | | | | | 32,109 | 2,760 |
| New Hampshire | 5,131 | 548 | 713 | 1 | | | | 41 | 3,409 | 3,536 |
| New Jersey | 13 | 10 | 52 | 2 | 177 | 20 | | | 1,722 | 1,492 |
| New Mexico | | | | 5 | | | | | 27,263 | |
| New York | 24,421 | 6,118 | 2,545 | 84 | 425 | 134 | 1 | 10,967 | 1,464 | 327 |
| North Carolina | 484 | 7,126 | 3,327 | 71 | 1,241 | 326 | 46 | 1,996 | 11,661 | 29,417 |
| Ohio | 14,018 | 2,377 | 6,279 | 300 | 3,675 | 14,795 | 682 | 1,885 | | |
| Oklahoma | | | 121 | 338 | 6 | 5 | 298 | | 6,896 | |
| Oregon | | | 787 | 1,102 | | 5 | | 2,507 | 360,438 | 442,628 |
| Pennsylvania | 33,815 | 3,824 | 2,631 | 84 | 2,697 | 298 | 242 | 5,174 | 3,517 | 268 |
| Rhode Island | | | | | | | | | | |
| South Carolina | 25 | | 8,916 | 1,322 | 449 | 1 | 732 | | 13,417 | 2,892 |
| South Dakota | | | | 60 | | | | | 3,037 | 509 |
| Tennessee | 7,122 | 5,573 | 16,179 | 5,301 | 15,240 | 5,046 | 2,811 | 3,280 | 8,895 | 1,830 |
| Texas | 475 | 59 | 7,527 | 244 | 1,868 | 43 | 212 | 2,008 | 60,107 | 1,038 |
| Utah | | | 2 | 425 | | | | | 263 | 431 |
| Vermont | 9,215 | 3,846 | 1,459 | 434 | 28 | | | 64 | 1,387 | 2,649 |
| Virginia | 3,505 | 5,296 | 951 | 70 | 1,328 | 312 | 83 | 2,508 | 27,073 | 58 |
| Washington | | | 5 | 250 | | | | 2,235 | 766,591 | 6,196,650 |
| West Virginia | 11,710 | 20,437 | 4,067 | 68 | 6,915 | 1,084 | 111 | 2,591 | 33,810 | |
| Wisconsin | 1,136 | 75,243 | 14,938 | 1,688 | | 2 | | 123 | 142,764 | 54,440 |
| Wyoming | | | | | | | | | 101 | 40 |

[1] For explanation of difference between number of active mills reporting, as shown in this table, and number of establishments, as shown in Table 1, see "Comparability of number of establishments and number of mills," p. 509. The differences between the numbers of mills shown in this table and in Table 5 are due to the inclusion in this table and the exclusion from Table 5 of data for mills engaged exclusively in sawing lath or shingles.

[2] Combined to avoid disclosing operations of individual establishments.

TABLE 43.—WOOD CONSUMED IN MANUFACTURE OF VENEERS, FOR SPECIFIED YEARS: 1905 TO 1925

| YEAR | Quantity (M feet log scale) | YEAR | Quantity (M feet log scale) | YEAR | Quantity (M feet log scale) |
|---|---|---|---|---|---|
| 1925 | 734,599 | 1911 | 444,886 | 1907 | 348,523 |
| 1923 | 645,793 | 1910 | 477,479 | 1906 | 329,186 |
| 1921 | 400,388 | 1909 | 435,981 | 1905 [1] | 181,146 |
| 1919 | 576,581 | 1908 | 382,542 | | |

[1] Compiled by the Forest Service, United States Department of Agriculture.

TABLE 44.—WOOD CONSUMED IN MANUFACTURE OF VENEERS, FOR SELECTED STATES: 1919 TO 1925

| STATE | QUANTITY (M FEET LOG SCALE) | | | | PER CENT DISTRIBUTION | | | |
|---|---|---|---|---|---|---|---|---|
| | 1925 | 1923 | 1921 | 1919 | 1925 | 1923 | 1921 | 1919 |
| United States | 734,599 | 645,793 | 400,388 | 576,581 | 100.0 | 100.0 | 100.0 | 100.0 |
| Washington | 112,484 | 53,510 | 13,051 | 14,329 | 15.3 | 8.3 | 3.3 | 2.5 |
| North Carolina | 64,040 | 53,196 | 24,264 | 30,423 | 8.8 | 8.2 | 6.1 | 5.3 |
| Arkansas | 58,122 | 64,117 | 52,497 | 77,096 | 7.9 | 9.9 | 13.1 | 13.4 |
| Mississippi | 57,268 | 45,496 | 23,212 | 39,061 | 7.8 | 7.0 | 5.8 | 6.8 |
| Tennessee | 40,454 | 30,983 | 23,319 | 38,895 | 5.5 | 4.8 | 5.8 | 6.7 |
| Alabama | 38,561 | 43,214 | 24,482 | 42,342 | 5.2 | 6.7 | 6.1 | 7.3 |
| Louisiana | 34,395 | 23,728 | 14,635 | 11,407 | 4.7 | 3.7 | 3.7 | 2.0 |
| Wisconsin | 34,292 | 37,513 | 31,131 | 50,502 | 4.7 | 5.8 | 7.8 | 8.8 |
| Florida | 29,999 | 49,016 | 30,645 | 43,936 | 4.1 | 7.6 | 7.7 | 7.6 |
| Oregon | 29,793 | 26,369 | 13,182 | 8,764 | 4.0 | 4.1 | 3.3 | 1.5 |
| South Carolina | 29,669 | 20,783 | 12,749 | 11,151 | 4.0 | 3.2 | 3.2 | 1.9 |
| Virginia | 26,416 | 21,179 | 15,582 | 7,521 | 3.6 | 3.3 | 3.9 | 1.3 |
| New York | 24,095 | 16,382 | 14,133 | 38,571 | 3.3 | 2.5 | 3.5 | 6.7 |
| Kentucky | 23,309 | 25,020 | 23,686 | 22,971 | 3.2 | 3.9 | 5.9 | 4.0 |
| Michigan | 18,096 | 20,068 | 9,398 | 12,647 | 2.5 | 3.1 | 2.3 | 2.2 |
| Missouri | 17,380 | 21,811 | 6,486 | 18,103 | 2.4 | 3.4 | 1.6 | 3.1 |
| Indiana | 15,474 | 18,001 | 11,531 | 24,254 | 2.1 | 2.8 | 2.9 | 4.2 |
| Illinois | 11,967 | 13,722 | 16,758 | 24,367 | 1.6 | 2.1 | 4.2 | 4.2 |
| Georgia | 11,412 | 17,092 | 6,250 | 14,863 | 1.5 | 2.6 | 1.6 | 2.6 |
| California | 10,454 | (1) | (1) | (1) | 1.4 | (1) | (1) | (1) |
| Vermont | 10,255 | 10,505 | 3,143 | 4,971 | 1.4 | 1.6 | .8 | .9 |
| Texas | 5,711 | 6,564 | 2,680 | 5,174 | .8 | 1.0 | .7 | .9 |
| Ohio | 4,360 | 3,163 | 5,385 | 6,042 | .6 | .5 | 1.3 | 1.0 |
| Maryland | 3,366 | 4,551 | 1,791 | 5,103 | .5 | .7 | .4 | .9 |
| All other States [2] | 22,627 | 19,810 | 20,398 | 24,088 | 3.1 | 3.1 | 5.0 | 4.2 |

[1] Included in "All other States."

[2] For 1925—Iowa, Kansas, Maine, Massachusetts, Minnesota, New Hampshire, New Jersey, Pennsylvania, and West Virginia; 1923—California, Delaware, Iowa, Kansas, Maine, Massachusetts, Minnesota, New Hampshire, New Jersey, Pennsylvania, and West Virginia; 1921—California, Delaware, Iowa, Kansas, Maine, Massachusetts, Minnesota, New Hampshire, and New Jersey; 1919—California, Colorado, Delaware, Kansas, Maine, Massachusetts, Minnesota, and New Hampshire.

TABLE 45.—WOOD CONSUMED IN MANUFACTURE OF VENEERS, BY KINDS OF WOOD: 1919 TO 1925

| KIND OF WOOD | QUANTITY (M FEET LOG SCALE) | | | | PER CENT DISTRIBUTION | | | |
|---|---|---|---|---|---|---|---|---|
| | 1925 | 1923 | 1921 | 1919 | 1925 | 1923 | 1921 | 1919 |
| Total | 734,599 | 645,793 | 400,388 | 576,581 | 100.0 | 100.0 | 100.0 | 100.0 |
| Domestic: | | | | | | | | |
| Red gum | 237,465 | 220,703 | 146,740 | 198,641 | 32.3 | 34.2 | 36.6 | 34.5 |
| Douglas fir | 101,869 | 55,123 | 16,518 | 10,604 | 13.9 | 8.5 | 4.1 | 1.8 |
| Birch | 51,490 | 43,936 | 37,070 | 54,079 | 7.0 | 6.8 | 9.3 | 9.4 |
| Yellow poplar | 50,770 | 45,376 | 18,370 | 32,653 | 6.9 | 7.0 | 4.6 | 5.7 |
| Tupelo | 48,311 | 36,396 | 21,494 | 34,175 | 6.6 | 5.6 | 5.4 | 5.9 |
| Yellow pine | 45,818 | 65,100 | 42,195 | 67,071 | 6.2 | 10.1 | 10.5 | 11.6 |
| Cottonwood | 39,869 | 40,404 | 27,882 | 36,739 | 5.4 | 6.3 | 7.0 | 6.4 |
| Maple | 23,922 | 23,310 | 10,619 | 15,723 | 3.3 | 3.6 | 2.7 | 2.7 |
| Oak | 20,661 | 25,274 | 16,259 | 33,815 | 2.8 | 3.9 | 4.1 | 5.8 |
| Spruce | 20,033 | 11,273 | 5,827 | 11,355 | 2.7 | 1.7 | 1.5 | 2.0 |
| Walnut | 17,573 | 15,452 | 15,443 | 14,060 | 2.4 | 2.4 | 3.9 | 2.4 |
| Cedar | 17,093 | 11,137 | 2,394 | ---------- | 2.3 | 1.7 | .6 | ---------- |
| Basswood | 9,413 | 8,771 | 5,977 | 11,134 | 1.3 | 1.4 | 1.5 | 1.9 |
| Elm | 8,503 | 9,570 | 7,698 | 9,578 | 1.2 | 1.5 | 1.9 | 1.7 |
| Western pine | 4,876 | 4,531 | 985 | 1,659 | .7 | .7 | .2 | .3 |
| Sycamore | 4,836 | 4,182 | 3,675 | 1,802 | .7 | .6 | .9 | .3 |
| Beech | 4,708 | 5,210 | 2,140 | 3,922 | .6 | .8 | .5 | .7 |
| Cypress | 4,511 | 3,617 | 2,659 | 1,924 | .6 | .6 | .7 | .3 |
| Magnolia | 3,786 | 1,439 | 994 | 268 | .5 | .2 | .2 | .1 |
| Willow | 1,132 | 1,322 | 207 | ---------- | .2 | .2 | .1 | ---------- |
| Ash | 1,108 | 1,114 | 559 | 3,254 | .2 | .2 | .1 | .6 |
| All other | [1] 3,123 | 2,214 | 910 | 1,699 | .4 | .3 | .2 | .3 |
| Imported: | | | | | | | | |
| Mahogany | 7,471 | 6,664 | 11,452 | 27,628 | 1.0 | 1.0 | 2.9 | 4.8 |
| Spanish cedar | 5,149 | 2,714 | 2,202 | 4,771 | .7 | .4 | .5 | .8 |
| All other | [2] 1,114 | 961 | 119 | 27 | .1 | .2 | (3) | (3) |

[1] Alder, box elder, buckeye, butternut, cherry, chestnut, cucumber, hackberry, hemlock, hickory, myrtle, redwood, sugar pine, white fir, and white pine.
[2] Banak, boxwood, cedar, circassian walnut, ebony, English oak, Japanese oak, padauk, prima vera, rosewood, Santa Maria, satinwood, teak, vermillion, yemery, and zebrawood.
[3] Less than one-tenth of 1 per cent.

TABLE 46.—WOOD CONSUMED (M FEET LOG SCALE) IN MANUFACTURE OF VENEERS, BY METHODS, FOR SELECTED STATES: 1925

| STATE | Total | Rotary cut | Sliced | Sawed |
|---|---|---|---|---|
| United States | 734,599 | 678,306 | 27,543 | 28,750 |
| Alabama | 38,561 | 29,522 | 3,799 | 5,240 |
| Arkansas | 58,122 | 58,122 | ---------- | ---------- |
| California | 10,454 | 9,708 | ---------- | 746 |
| Florida | 29,999 | 28,729 | 20 | 1,250 |
| Georgia | 11,412 | 10,912 | ---------- | 500 |
| Illinois | 11,967 | 7,379 | 1,837 | 2,751 |
| Indiana | 15,474 | 9,168 | 3,180 | 3,126 |
| Kentucky | 23,309 | 20,802 | 2,114 | 393 |
| Louisiana | 34,395 | 33,998 | 397 | ---------- |
| Maryland | 3,366 | 3,366 | ---------- | ---------- |
| Michigan | 18,096 | 17,635 | 341 | 120 |
| Mississippi | 57,268 | 56,930 | 688 | 650 |
| Missouri | 17,380 | 16,955 | 425 | ---------- |
| New York | 24,095 | 21,094 | 1,523 | 1,478 |
| North Carolina | 64,640 | 63,581 | 459 | 600 |
| Ohio | 4,360 | 2,743 | 1,458 | 159 |
| Oregon | 29,793 | 26,193 | ---------- | 3,600 |
| South Carolina | 29,669 | 28,987 | ---------- | 682 |
| Tennessee | 40,454 | 27,980 | 8,085 | 4,389 |
| Texas | 5,711 | 5,711 | ---------- | ---------- |
| Vermont | 10,255 | 10,255 | ---------- | ---------- |
| Virginia | 26,416 | 26,416 | ---------- | ---------- |
| Washington | 112,484 | 112,484 | ---------- | ---------- |
| Wisconsin | 34,292 | 33,393 | 360 | 539 |
| All other States [1] | 22,627 | 17,243 | 2,857 | 2,527 |

[1] Iowa, Kansas, Maine, Massachusetts, Minnesota, New Hampshire, New Jersey, Pennsylvania, and West Virginia.

TABLE 47.—PRODUCTION OF TIGHT COOPERAGE STOCK, FOR SPECIFIED YEARS: 1905 TO 1925

| YEAR | Staves (thousands) | Heading (thousands of sets) | YEAR | Staves (thousands) | Heading (thousands of sets) |
|---|---|---|---|---|---|
| 1925 | 240,023 | 23,052 | 1910 | 355,660 | 26,074 |
| 1923 | 222,507 | 19,342 | 1909 | 379,231 | 20,691 |
| 1921 | 255,047 | 20,505 | 1908 | 345,280 | 20,515 |
| 1919 | 353,825 | 24,274 | 1907 | 385,232 | 27,693 |
| 1918 | 286,401 | 20,711 | 1906 | 267,827 | 17,774 |
| 1911 | 357,198 | 30,310 | 1905 [1] | 241,193 | 12,959 |

[1] Compiled by the Forest Service, United States Department of Agriculture.

TABLE 48.—PRODUCTION OF TIGHT STAVES (THOUSANDS), BY CLASSES: 1919 TO 1925

| CLASS | 1925 | 1923 | 1921 | 1919 |
|---|---|---|---|---|
| Aggregate | 240,023 | 222,507 | 255,047 | 353,825 |
| Oil and tierce | 112,717 | 129,082 | 134,909 | 208,776 |
| Half barrel and keg | 26,712 | 40,137 | 71,069 | 68,786 |
| Spirit and wine | 14,296 | 13,135 | 4,392 | 20,211 |
| Pork | 4,007 | 7,937 | 3,950 | 10,246 |
| All other | [1] 82,291 | 32,216 | 40,727 | 45,806 |

[1] Includes 30,024 thousand staves not specified.

TABLE 49.—PRODUCTION OF TIGHT STAVES (THOUSANDS), BY CLASSES AND BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger quantities of tight staves than some of the States shown separately]

| STATE | Total | Oil and tierce | Half barrel and keg | Spirit and wine | Pork | Not specified | All other[1] |
|---|---|---|---|---|---|---|---|
| United States | 240,023 | 112,717 | 26,712 | 14,296 | 4,007 | 30,024 | 52,267 |
| Alabama | 12,605 | 9,445 | | 3,125 | | 35 | |
| Arkansas | 46,459 | 34,122 | 188 | 8,303 | 1,242 | | 2,604 |
| Georgia | 4,540 | 2,790 | | 1,750 | | | |
| Kentucky | 6,786 | 6,606 | | 180 | | | |
| Louisiana | 21,044 | 19,845 | | 107 | 150 | 819 | 123 |
| Mississippi | 8,892 | 8,892 | | | | | |
| New Hampshire | 18,888 | 250 | 8,233 | | | 10,405 | |
| Tennessee | 18,334 | 9,754 | | | 100 | 8,400 | 80 |
| Texas | 1,470 | 1,019 | | 10 | | | 441 |
| Washington | 54,271 | 3,135 | 1,858 | | 259 | | 49,019 |
| All other States [2] | 46,734 | 16,859 | 16,433 | 821 | 2,256 | 10,365 | |

[1] Cut-offs, mill run, and pail and tub staves.
[2] California, Florida, Massachusetts, Missouri, Ohio, Oklahoma, Oregon, and Virginia.

## TABLE 50.—PRODUCTION OF TIGHT STAVES (THOUSANDS), BY KINDS OF WOOD AND BY CLASSES: 1925

| CLASS | Total | White oak | Spruce | Red oak | Douglas fir | Pine | Red gum | Ash | All other [1] |
|---|---|---|---|---|---|---|---|---|---|
| United States | 240,023 | 59,322 | 52,994 | 41,608 | 39,807 | 22,899 | 17,176 | 4,499 | 1,718 |
| Oil and tierce | 112,717 | 42,219 | ------- | 35,576 | 15,524 | 1,879 | 14,073 | 3,051 | 395 |
| Half barrel and keg | 26,712 | 516 | 87 | 942 | 16,318 | 8,835 | ------- | ------- | 14 |
| Spirit and wine | 14,296 | 11,972 | 162 | 245 | 167 | 1,760 | ------- | ------- | ------- |
| Pork | 4,007 | 406 | 139 | 98 | 2,216 | ------- | 162 | 826 | 160 |
| Not specified | 30,024 | 2,805 | 3,606 | 4,505 | 5,582 | 10,435 | 1,339 | 603 | 1,149 |
| All other | 52,267 | 1,404 | 49,000 | 242 | ------- | ------- | 1,602 | 19 | ------- |

[1] Chestnut, cypress, dogwood, elm, hemlock, pecan, and sycamore.

## TABLE 51.—PRODUCTION OF TIGHT HEADING (THOUSANDS OF SETS), BY CLASSES: 1919 TO 1925

| CLASS | 1925 | 1923 | 1921 | 1919 |
|---|---|---|---|---|
| Aggregate | 23,052 | 19,342 | 20,505 | 24,274 |
| Oil and tierce | 9,468 | 10,258 | 12,307 | 13,034 |
| Half barrel and keg | 2,061 | 4,551 | 5,534 | 6,842 |
| Spirit and wine | 1,345 | 640 | 214 | 1,215 |
| Pork | 814 | 867 | 245 | 500 |
| All other | [1] 9,364 | 3,026 | 2,205 | 2,683 |

[1] Includes 4,288 thousand sets of heading not specified.

## TABLE 52.—PRODUCTION OF TIGHT HEADING (THOUSANDS OF SETS), BY CLASSES AND BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger quantities of tight heading than some of the States shown separately]

| STATE | Total | Oil and tierce | Half barrel and keg | Spirit and wine | Pork | Not specified | All other [1] |
|---|---|---|---|---|---|---|---|
| United States | 23,052 | 9,468 | 2,061 | 1,345 | 814 | 4,288 | 5,076 |
| Alabama | 242 | 150 | ------- | 92 | ------- | ------- | ------- |
| Arkansas | 5,647 | 3,766 | 19 | 1,076 | 188 | 395 | 203 |
| Georgia | 578 | 518 | ------- | 60 | ------- | ------- | ------- |
| Louisiana | 1,356 | 1,117 | 39 | 30 | 133 | 37 | ------- |
| Mississippi | 418 | 418 | ------- | ------- | ------- | ------- | ------- |
| New Hampshire | 1,180 | 11 | 354 | ------- | ------- | 762 | 53 |
| Tennessee | 4,028 | 1,313 | 89 | 56 | 151 | 2,323 | 96 |
| Texas | 618 | 558 | ------- | ------- | ------- | ------- | 60 |
| Washington | 4,835 | 205 | 82 | ------- | 93 | ------- | 4,455 |
| All other States [2] | 4,150 | 1,412 | 1,478 | 31 | 249 | 771 | 209 |

[1] Cut-offs and pail and tub staves.
[2] California, Florida, Maine, Massachusetts, Missouri, Oregon, and West Virginia.

TABLE 53.—PRODUCTION OF TIGHT HEADING (THOUSANDS OF SETS), BY KINDS OF WOOD AND BY CLASSES: 1925

| CLASS | Total | White oak | Spruce | Red oak | Douglas fir | Red gum | Pine | Ash | Hemlock | All other[1] |
|---|---|---|---|---|---|---|---|---|---|---|
| United States | 23,052 | 6,745 | 4,841 | 3,940 | 2,693 | 1,712 | 1,681 | 786 | 403 | 251 |
| Oil and tierce | 9,468 | 4,168 | ------- | 2,292 | 879 | 1,031 | 439 | 428 | 82 | 149 |
| Half barrel and keg | 2,061 | 140 | 21 | 64 | 1,188 | 49 | 364 | ------- | 235 | ------- |
| Spirit and wine | 1,345 | 1,229 | 9 | 25 | 22 | ------- | 60 | ------- | ------- | ------- |
| Pork | 814 | 128 | 24 | 160 | 232 | ------- | ------- | 184 | 86 | ------- |
| Not specified | 4,288 | 955 | 332 | 1,190 | 372 | 422 | 765 | 150 | ------- | 102 |
| All other | 5,076 | 125 | 4,455 | 209 | ------- | 210 | 53 | 24 | ------- | ------- |

[1] Cottonwood, 75,000 sets; cypress, 65,000 sets; dogwood, 36,000 sets; maple, 69,000 sets; pecan, 4,000 sets; sycamore, 2,000 sets.

TABLE 54.—PRODUCTION OF SLACK COOPERAGE STOCK, FOR SPECIFIED YEARS: 1906 TO 1925

| YEAR | Staves (thousands) | Heading (thousands of sets) | Hoops (thousands) | YEAR | Staves (thousands) | Heading (thousands of sets) | Hoops (thousands) |
|---|---|---|---|---|---|---|---|
| 1925 | 937,597 | 71,371 | 149,167 | 1910 | 1,460,878 | 97,037 | 295,712 |
| 1923 | 893,682 | 80,477 | 153,954 | 1909 | 2,029,648 | 140,234 | 375,793 |
| 1921 | 893,621 | 66,747 | 137,380 | 1908 | 1,557,644 | 123,849 | 336,484 |
| 1919 | 1,121,324 | 87,381 | 140,772 | 1907 | 1,175,977 | 106,074 | 490,570 |
| 1918 | 1,009,971 | 60,751 | 332,684 | 1906 | 1,097,063 | 129,555 | 330,892 |
| 1911 | 1,328,968 | 106,407 | 353,215 | | | | |

TABLE 55.—PRODUCTION OF SLACK STAVES, HEADING, AND HOOPS, BY KINDS OF WOOD: 1919 TO 1925

| CLASS OF PRODUCT AND KIND OF WOOD | 1925 | 1923 | 1921 | 1919 |
|---|---|---|---|---|
| Staves (thousands), total | 937,597 | 893,682 | 893,621 | 1,121,324 |
| Red gum | 342,434 | 321,133 | 349,072 | 358,405 |
| Pine | 212,416 | 203,369 | 174,024 | 327,875 |
| Elm | 101,011 | 70,125 | 64,415 | 61,100 |
| Cottonwood | 59,730 | 38,550 | 26,327 | 17,511 |
| Douglas fir | 52,148 | 27,351 | 17,681 | 23,822 |
| Ash | 47,423 | 54,234 | 66,632 | 53,058 |
| Tupelo | 31,529 | 67,682 | 54,899 | 9,206 |
| Spruce | 15,759 | (1) | (1) | (1) |
| Poplar | 12,289 | (1) | (1) | (1) |
| Oak | 9,044 | 16,556 | 17,581 | 38,920 |
| Birch | 8,798 | 21,612 | 27,551 | 35,691 |
| All other | 45,016 | 73,070 | 95,439 | 195,736 |
| Heading (thousands of sets), total | 71,371 | 80,477 | 66,747 | 87,381 |
| Pine | 31,867 | 43,718 | 27,720 | 42,401 |
| Red gum | 12,050 | 14,678 | 12,628 | 13,003 |
| Cottonwood | 4,480 | 1,940 | 1,242 | ------- |
| Ash | 4,441 | 1,031 | 1,928 | 2,318 |
| Birch | 4,424 | 3,969 | 1,642 | 3,490 |
| Basswood | 2,930 | 2,238 | 1,858 | ------- |
| Beech | 2,803 | 3,059 | 4,372 | 4,942 |
| Spruce | 1,814 | (1) | (1) | (1) |
| Douglas fir | 1,466 | 1,085 | (1) | (1) |
| Maple | 1,367 | 2,653 | 3,262 | 7,319 |
| Tupelo | 976 | 1,931 | 2,671 | 1,031 |
| Elm | 706 | 1,191 | 5,719 | 1,872 |
| All other | 2,047 | 2,984 | 3,705 | 11,005 |
| Hoops (thousands), total | 149,167 | 153,954 | 137,380 | 140,772 |
| Elm | 147,390 | 149,163 | 136,445 | 133,983 |
| All other | 1,777 | 4,791 | 935 | 6,789 |

[1] Included in "All other."

## TABLE 56.—PRODUCTION OF SLACK STAVES (THOUSANDS), BY KINDS OF WOOD AND BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger quantities of slack staves than some of the States shown separately]

| STATE | Total | Red gum | Pine | Elm | Cotton-wood | Douglas fir |
|---|---|---|---|---|---|---|
| United States | 937,597 | 342,434 | 212,416 | 101,011 | 59,730 | 52,148 |
| Alabama | 48,722 | | 47,337 | | | |
| Arkansas | 245,693 | 116,082 | | 64,546 | 9,961 | |
| Florida | 16,734 | | 16,734 | | | |
| Georgia | 11,490 | | 8,971 | | | |
| Louisiana | 53,845 | 21,378 | 2,281 | 2,328 | 10,069 | |
| Maine | 12,029 | | 1,757 | | | |
| Maryland | 8,021 | 800 | 4,961 | | | |
| Massachusetts | 5,219 | | 2,200 | | | |
| Mississippi | 54,686 | 34,646 | 1,474 | 5,885 | 6,177 | |
| Missouri | 115,822 | 78,425 | | 15,265 | 8,764 | |
| New Hampshire | 1,442 | | 675 | | | |
| North Carolina | 56,729 | 34,615 | 18,887 | | | |
| Pennsylvania | 4,028 | | 595 | | | |
| Tennessee | 37,074 | 16,477 | 950 | 8,168 | 5,923 | |
| Virginia | 112,321 | 9,708 | 102,013 | | | |
| West Virginia | 873 | | 285 | | | |
| All other States [1] | 152,869 | 30,303 | 3,296 | 4,819 | 18,836 | 52,148 |

| STATE | Ash | Tupelo | Spruce | Yellow poplar | Oak | Birch | All other [2] |
|---|---|---|---|---|---|---|---|
| United States | 47,423 | 31,529 | 15,759 | 12,289 | 9,044 | 8,798 | 45,016 |
| Alabama | | | | | 1,385 | | |
| Arkansas | 30,406 | 16,062 | | 7,135 | 525 | | 976 |
| Florida | | | | | | | |
| Georgia | | | | 213 | 1,105 | | 1,201 |
| Louisiana | 7,140 | 3,784 | | | 333 | | 6,532 |
| Maine | | | 6,767 | | 5 | 114 | 3,380 |
| Maryland | | | | | 1,924 | | 336 |
| Massachusetts | 40 | | | | 100 | | 2,879 |
| Mississippi | 2,081 | 4,073 | | 100 | | 100 | 150 |
| Missouri | 5,303 | 4,373 | | | | | 3,692 |
| New Hampshire | | | | | | | 767 |
| North Carolina | | 3,227 | | | | | |
| Pennsylvania | | | | 120 | 744 | | 2,569 |
| Tennessee | 1,318 | | | 62 | 2,026 | 200 | 1,951 |
| Virginia | | | | 100 | 300 | | 200 |
| West Virginia | | | | | 588 | | |
| All other States [1] | 1,135 | 10 | 8,992 | 4,559 | 10 | 8,384 | 20,377 |

[1] California, Delaware, Illinois, Indiana, Kentucky, Minnesota, New York, Ohio, Oregon, South Carolina, Vermont, Washington, and Wisconsin.
[2] Balsam fir, basswood, beech, cedar, chestnut, cypress, hackberry, hemlock, maple, sycamore, and willow.

## TABLE 57.—PRODUCTION OF SLACK HEADING (THOUSANDS OF SETS), BY KINDS OF WOOD AND BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger quantities of slack heading than some of the States shown separately]

| STATE | Total | Pine | Red gum | Cotton-wood | Ash | Birch |
|---|---|---|---|---|---|---|
| United States | 71,371 | 31,867 | 12,050 | 4,480 | 4,441 | 4,424 |
| Alabama | 19,471 | 17,085 | 1,223 | | | |
| Florida | 906 | 906 | | | | |
| Georgia | 7,279 | 6,571 | 531 | | 177 | |
| Indiana | 226 | | 1 | 50 | 5 | |
| Louisiana | 5,383 | 110 | 1,200 | 1,631 | 1,500 | |
| Maine | 251 | 116 | | | | 5 |
| Massachusetts | 614 | 300 | | | | |
| Minnesota | 6,418 | 14 | | 2,100 | | 2,040 |
| Missouri | 4,316 | | 4,316 | | | |
| New Hampshire | 1,048 | 105 | | | | 400 |
| New York | 1,376 | 660 | | | 20 | |
| North Carolina | 4,175 | 719 | 3,013 | | | |
| South Carolina | 3,198 | 2,067 | 1,131 | | | |
| Tennessee | 1,010 | | 250 | 325 | | |
| Virginia | 1,987 | 1,672 | 310 | | | |
| Wisconsin | 2,704 | 70 | | 324 | 255 | 678 |
| All other States [1] | 11,009 | 872 | 75 | 50 | 2,484 | 1,301 |

| STATE | Bass-wood | Beech | Spruce | Douglas fir | Maple | Tupelo | Elm | All other [2] |
|---|---|---|---|---|---|---|---|---|
| United States | 2,930 | 2,803 | 1,814 | 1,466 | 1,367 | 976 | 706 | 2,047 |
| Alabama | | | | | | 293 | | 270 |
| Florida | | | | | | | | |
| Georgia | | | | | | | | |
| Indiana | 100 | 10 | | | | | 50 | 10 |
| Louisiana | | | | | | 275 | 400 | 267 |
| Maine | | | 65 | | | | | 65 |
| Massachusetts | | | | | | | | 314 |
| Minnesota | 2,107 | | | | | | 50 | 107 |
| Missouri | | | | | | | | |
| New Hampshire | | 200 | | | 243 | | | 100 |
| New York | 50 | 547 | | | 58 | | | 41 |
| North Carolina | | | | | | 408 | | 35 |
| South Carolina | | | | | | | | |
| Tennessee | | | | | | | 100 | 335 |
| Virginia | | | | | | | | 5 |
| Wisconsin | 673 | | | | 358 | | 106 | 240 |
| All other States [1] | | 2,046 | 1,749 | 1,466 | 708 | | | 258 |

[1] Arkansas, California, Kentucky, Maryland, Michigan, Mississippi, Oregon, Pennsylvania, Texas, Vermont, and West Virginia.
[2] Balsam fir, cherry, chestnut, cypress, hemlock, oak, willow, and yellow poplar.

## TABLE 58.—PRODUCTION OF HOOPS (THOUSANDS), BY KINDS OF WOOD AND BY STATES: 1925

| STATE | Total | Elm | All other [1] |
|---|---|---|---|
| United States | 149,167 | 147,390 | 1,777 |
| Arkansas | 24,916 | 24,916 | |
| Indiana | 23,892 | 23,292 | 600 |
| Ohio | 24,264 | 24,264 | |
| All other States [2] | 76,095 | 74,918 | 1,177 |

[1] Chestnut, hackberry, oak, and red gum.
[2] Illinois, Kentucky, Louisiana, Massachusetts, Michigan, Mississippi, Missouri, New York, North Carolina, South Carolina, and Tennessee.

## TABLE 59.—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Each of the "All other States," however, reported a larger value of products than some of the States shown separately]

| STATE | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY | | | | Horsepower |
|---|---|---|---|---|---|---|
| | | Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | |
| United States | 9,207 | 507,248 | 8,672 | [1] 24,578 | 473,998 | 2,049,500 |
| Alabama | 942 | 31,483 | 1,024 | 1,364 | 29,095 | 88,358 |
| Arizona | 11 | 2,104 | 4 | 104 | 2,056 | 6,545 |
| Arkansas | 424 | 27,201 | 394 | 1,590 | 25,217 | 94,991 |
| California | 154 | 26,605 | 118 | 1,533 | 24,954 | 106,315 |
| Colorado | 65 | 1,130 | 63 | 87 | 980 | 4,156 |
| Connecticut | 95 | 490 | 68 | 37 | 385 | 2,747 |
| Delaware | 16 | 240 | 18 | 15 | 207 | 682 |
| Florida | 179 | 18,696 | 116 | 803 | 17,777 | 45,253 |
| Georgia | 477 | 16,121 | 496 | 750 | 14,875 | 56,880 |
| Idaho | 105 | 12,103 | 88 | 542 | 11,473 | 48,504 |
| Illinois | 28 | 1,408 | 25 | 95 | 1,288 | 4,221 |
| Indiana | 108 | 3,641 | 211 | 315 | 3,115 | 18,745 |
| Kentucky | 119 | 3,925 | 124 | 318 | 3,483 | 13,113 |
| Louisiana | 301 | 41,761 | 152 | 2,308 | 39,241 | 141,152 |
| Maine | 238 | 5,774 | 205 | 231 | 5,338 | 30,472 |
| Maryland | 132 | 1,647 | 139 | 79 | 1,429 | 6,000 |
| Massachusetts | 120 | 1,424 | 131 | 82 | 1,211 | 9,469 |
| Michigan | 131 | *17,589 | 93 | 744 | *16,752 | 61,712 |
| Minnesota | 96 | 9,168 | 69 | 320 | 8,779 | 29,764 |
| Mississippi | 917 | 39,075 | 998 | 1,680 | 36,397 | 115,854 |
| Missouri | 86 | 4,577 | 61 | 313 | 4,203 | 13,122 |
| Montana | 76 | 3,951 | 66 | 238 | 3,647 | 15,078 |
| New Hampshire | 207 | 3,629 | 199 | 141 | 3,289 | 27,357 |
| New Jersey | 26 | 297 | 33 | 14 | 250 | 1,004 |
| New Mexico | 29 | 1,842 | 32 | 123 | 1,687 | 6,583 |
| New York | 216 | 3,520 | 226 | 234 | 3,060 | 21,840 |
| North Carolina | 515 | 19,021 | 481 | 753 | 17,787 | 55,630 |
| Ohio | 193 | 2,506 | 188 | 192 | 2,126 | 13,800 |
| Oklahoma | 28 | 1,879 | 24 | 163 | 1,692 | 7,230 |
| Oregon | 364 | 33,044 | 312 | 1,515 | 31,217 | 222,470 |
| Pennsylvania | 308 | 5,182 | 385 | 299 | 4,498 | 17,976 |
| Rhode Island | 5 | 58 | 6 | 2 | 50 | 316 |
| South Carolina | 273 | 16,724 | 374 | 664 | 15,686 | 44,602 |
| South Dakota | 36 | 736 | 47 | 45 | 644 | 3,203 |
| Tennessee | 324 | 12,453 | 291 | 977 | 11,185 | 41,573 |
| Texas | 196 | 19,286 | 162 | 924 | 18,200 | 54,737 |
| Utah | 6 | 28 | 5 | ---------- | 23 | 180 |
| Vermont | 151 | 2,455 | 138 | 103 | 2,214 | 17,309 |
| Virginia | 493 | 12,573 | 408 | 454 | 11,621 | 32,798 |
| Washington | 653 | 62,910 | 414 | 2,763 | 59,733 | 476,914 |
| West Virginia | 138 | 9,629 | 103 | 606 | 9,020 | 25,315 |
| Wisconsin | 175 | 21,045 | 72 | 1,001 | 19,972 | 62,167 |
| Wyoming | 14 | 798 | 12 | 51 | 735 | 700 |
| All other States [4] | 7 | 552 | 7 | 46 | 499 | 2,483 |

See footnotes at end of table

## TABLE 59.—GENERAL STATISTICS, BY STATES: 1925—Continued

[See note at head of this table]

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products [1] | Value added by manufacture [2] |
|---|---|---|---|---|---|---|
| United States | [3] $57,073,043 | $456,715,665 | $31,306,104 | $579,474,682 | $1,421,161,836 | $841,687,154 |
| Alabama | 2,731,730 | 18,234,136 | 1,700,879 | 23,446,065 | 59,911,831 | 36,465,766 |
| Arizona | 281,126 | 2,028,679 | 350,447 | 749,329 | 3,913,703 | 3,164,464 |
| Arkansas | 3,308,407 | 19,977,983 | 1,664,917 | 32,807,144 | 73,357,576 | 40,550,432 |
| California | 3,834,534 | 33,431,333 | 1,390,851 | 21,276,323 | 72,815,489 | 51,539,166 |
| Colorado | 139,027 | 974,694 | 68,408 | 582,993 | 2,061,329 | 1,478,336 |
| Connecticut | 41,899 | 378,856 | 80,884 | 434,003 | 1,183,647 | 749,644 |
| Delaware | 23,977 | 135,955 | 2,420 | 201,705 | 443,440 | 241,735 |
| Florida | 1,999,482 | 14,934,251 | 583,145 | 14,483,991 | 43,030,860 | 28,546,869 |
| Georgia | 1,452,862 | 9,147,703 | 2,479,992 | 15,291,213 | 36,705,327 | 21,414,114 |
| Idaho | 1,308,183 | 14,695,402 | 1,539,474 | 12,353,707 | 40,131,950 | 27,778,243 |
| Illinois | 230,883 | 1,207,581 | 43,799 | 3,280,568 | 5,601,670 | 2,321,111 |
| Indiana | 747,263 | 3,151,664 | 139,618 | 7,562,673 | 14,569,309 | 7,006,636 |
| Kentucky | 756,290 | 2,889,962 | 169,185 | 6,567,581 | 12,579,228 | 6,011,647 |
| Louisiana | 5,501,573 | 32,798,404 | 2,191,895 | 43,110,628 | 121,906,611 | 78,795,983 |
| Maine | 435,032 | 4,747,968 | 414,184 | 7,590,917 | 15,371,206 | 7,774,289 |
| Maryland | 180,475 | 1,082,178 | 35,400 | 1,428,256 | 3,618,927 | 2,190,671 |
| Massachusetts | 183,553 | 1,261,451 | 81,018 | 2,726,471 | 5,183,548 | 2,457,077 |
| Michigan | 1,892,206 | 22,919,799 | 1,375,354 | 20,246,655 | 59,569,472 | 39,322,817 |
| Minnesota | 762,429 | 7,093,895 | 766,064 | 14,918,483 | 26,132,487 | 11,214,004 |
| Mississippi | 3,763,836 | 26,485,877 | 1,843,603 | 37,242,160 | 95,784,039 | 58,491,879 |
| Missouri | 743,319 | 3,588,885 | 310,789 | 5,395,833 | 13,157,761 | 7,761,928 |
| Montana | 606,001 | 4,126,046 | 656,107 | 4,398,092 | 11,639,124 | 7,241,032 |
| New Hampshire | 293,612 | 3,375,768 | 275,901 | 6,915,332 | 12,021,867 | 5,706,535 |
| New Jersey | 32,235 | 211,008 | 20,882 | 187,889 | 573,661 | 385,772 |
| New Mexico | 245,600 | 1,229,832 | 582,012 | 1,508,073 | 4,961,958 | 3,453,885 |
| New York | 537,258 | 3,579,625 | 251,665 | 6,178,219 | 13,290,139 | 7,117,920 |
| North Carolina | 1,740,436 | 12,900,303 | 913,991 | 15,914,569 | 38,080,932 | 22,166,363 |
| Ohio | 416,777 | 2,214,876 | 80,591 | 4,398,684 | 9,305,717 | 4,907,033 |
| Oklahoma | 256,587 | 1,450,092 | 389,813 | 1,754,376 | 4,812,763 | 3,058,387 |
| Oregon | 3,944,652 | 42,432,499 | 1,204,276 | 51,348,662 | 120,570,256 | 69,221,593 |
| Pennsylvania | 573,716 | 4,111,034 | 816,582 | 4,184,814 | 12,947,042 | 8,762,228 |
| Rhode Island | 2,825 | 60,219 | ---------- | 77,399 | 162,679 | 85,280 |
| South Carolina | 1,498,952 | 10,305,351 | 727,401 | 11,506,787 | 29,598,585 | 18,091,798 |
| South Dakota | 99,279 | 583,549 | 20,544 | 342,463 | 1,187,649 | 845,186 |
| Tennessee | 2,313,507 | 8,550,512 | 879,249 | 15,591,899 | 35,527,699 | 19,935,800 |
| Texas | 1,901,529 | 14,949,971 | 1,359,272 | 17,056,813 | 47,645,230 | 30,588,417 |
| Utah | ---------- | 16,216 | ---------- | 14,995 | 52,582 | 37,587 |
| Vermont | 289,928 | 1,877,993 | 290,175 | 2,579,535 | 6,140,528 | 3,560,993 |
| Virginia | 1,019,824 | 8,447,487 | 713,544 | 9,399,000 | 23,895,561 | 14,496,561 |
| Washington | 7,453,205 | 84,012,612 | 1,741,122 | 121,210,477 | 253,070,780 | 131,860,303 |
| West Virginia | 1,241,045 | 9,825,443 | 1,370,566 | 8,181,858 | 26,787,495 | 18,605,637 |
| Wisconsin | 2,454,878 | 19,503,832 | 1,577,615 | 23,263,625 | 56,374,735 | 33,111,110 |
| Wyoming | 138,544 | 968,602 | 95,251 | 213,603 | 1,573,020 | 1,359,417 |
| All other States [4] | 135,567 | 815,089 | 116,219 | 1,544,820 | 3,366,326 | 1,821,506 |

* This item revised, but revision not carried into United States total.

[1] See footnote 3, Table 1, p. 512.

[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

[3] Not including 151 salaried officers and employees of central administrative offices, with salaries aggregating $571,447. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 24,729 salaried officers and employees and $58,244,490. (See "Central-administrative-office employees," p. 1193.)

[4] Iowa, 3 establishments; Kansas, 3; Nevada, 1.

## PRODUCTION OF LUMBER SINCE 1801 AND PRESENT CONDITIONS OF DISTRIBUTION

[Prepared by the United States Department of Agriculture, Forest Service]

**Lumber cut, 1801–1925.**—Seventy-five per cent of the lumber cut, and fully 90 per cent of the product of high quality, is taken from virgin timber. The cutting of the virgin timber has proceeded with increasing rapidity for more than a century. The aggregate production of sawed lumber between 1801 and 1925 is estimated at 1,929,000,000,000 feet b. m. Half of this huge quantity was cut in the 25 years since 1900. In other words, as much lumber was produced in the first quarter of the twentieth century as in the entire nineteenth century.

TABLE 60.—AGGREGATE LUMBER CUT IN THE UNITED STATES, BY QUARTER CENTURIES: 1801–1925

| PERIOD | Quantity M feet b. m. | Per cent | PERIOD | Quantity M feet b. m. | Per cent |
|---|---|---|---|---|---|
| Total, 1801–1925 | 1,929,000,000 | 100.0 | 1851–1875 | 252,000,000 | 13.0 |
| | | | 1826–1850 | 54,000,000 | 2.8 |
| 1901–1925 | 978,000,000 | 50.7 | 1801–1825 | 7,000,000 | .4 |
| 1876–1900 | 638,000,000 | 33.1 | | | |

In the first period (1801–1825) the aggregate cut was only about 7,000,000,000 feet. In 1819 the population was less than 10,000,000. The per capita consumption of sawed lumber averaged less than 35 feet, although, doubtless, much wood was utilized in the more primitive hewed or split forms. At that time the use of coal as a fuel had just begun, while iron was scarce and costly. Steam power was in its infancy, and circular and band saws were not yet in use. Hence, there were neither steam sawmills nor railroads to distribute their products.

In the second period (1826–1850) coal, iron, and steam power began their great development. With these powerful aids, lumbermen supplied the growing population with nearly eight times as much lumber as in the preceding period.

In the third and fourth periods the cut was, respectively, thirty-six times and ninety-one times as great as in the first quarter of the nineteenth century. In the first quarter of the twentieth century lumber production was nearly one hundred and forty times as great as in the corresponding period of the century preceding, to meet the needs of a population which had increased about twelvefold. It should be observed, however, that the peak of lumber production was passed in 1906, within the period ended with 1925.

By 1928 the aggregate cut will have amounted to two trillion board feet, a quantity probably as great as the entire remaining saw-timber stand. Thus it appears that within the last 25 years a quantity comparable to about half the present stand was cut for lumber alone, besides all the timber cut for purposes other than lumber manufacture.

**Transportation of lumber.**—Naturally the forests have been most depleted in those regions where the density of population is greatest. Half the population is contained in the 16 States east of the Mississippi and north of the Ohio and the Potomac. That region uses nearly half the lumber consumed in the United States but its forests supply only one-fourth of the regional requirements. Of the remainder, nearly 90 per cent comes from the Gulf and Atlantic States from Texas to Virginia, and from the Western States, particularly Washington and Oregon. As a consequence of the diminished local supply—a condition not confined to the Northeast alone—lumber is hauled increasingly long distances to supply the needs of the great industrial centers, and the charge for such transportation has become a considerable item in the final cost of lumber to the consumers.

Several kinds of carriers take part in the distribution of lumber. The motor truck plays an indispensable part, for most lumber is carried by truck at some time

during its journey from the mill to the place of utilization. Possibly as much as 15 per cent of the cut is distributed by truck only, and is never loaded on a railroad car or a ship. Water transportation is extensively used for such important hauls as those from the Northwest to California and to the Atlantic coast, each of which accounts for more than a billion feet annually. In addition, there is extensive transportation of lumber by water along the Atlantic coast, and on the Great Lakes and other inland waterways. Railway transportation is the main channel for about three-fourths of the lumber distributed, or 25,000,000,000 feet.

**Average length of haul.**—Although the statistics of lumber transportation, especially by truck and by water, are meager and unsatisfactory, it is possible to estimate roughly the increase of the average rail hauls of lumber as the forests retreat from the cities.

TABLE 61.—AVERAGE LENGTH OF PRIMARY RAIL HAULS: 1923 [1]

| REGION | DIRECTION OF TRAFFIC | | REGION | DIRECTION OF TRAFFIC | |
|---|---|---|---|---|---|
| | Inbound (miles) | Outbound (miles) | | Inbound (miles) | Outbound (miles) |
| U. S. average (weighted) | 725 | 725 | Southern Pine | 250 | 685 |
| Northeastern | 840 | 180 | Pacific (North) | 255 | 1,275 |
| Lake | 910 | 415 | Pacific (South) | 560 | 755 |
| Central | 800 | 405 | Rocky Mountain (North) | 420 | 850 |
| North Carolina Pine | 300 | 360 | Rocky Mountain (South) | 820 | 610 |
| | | | Prairie | 1,515 | 300 |

[1] By "primary rail hauls" is meant the transportation from producers to principal distributors, excluding the subsequent redistribution.

In the preparation of this table, actual lengths of typical interregional hauls were weighted by the quantities shipped by rail in 1923. Estimates for 1924, based on the average charge per M feet for rail haul, show 700 miles for softwood and hardwood taken together, 840 miles for softwood alone, and 440 miles for hardwood alone. The average rail haul of lumber has practically doubled in 10 years, as in 1914 it was estimated to be 360 miles.

The cost of transportation, in which the length of the haul is one of the principal factors, is an element of importance in the rivalry between lumber-producing regions for the control of valuable markets. With an average rail haul of 1,275 miles, the North Pacific softwoods would appear to be hopelessly handicapped in comparison with southern softwoods, the average haul for which is about half as long. Rates for long hauls are, however, proportionately lower than those for short hauls, and the average shipping weight of western softwoods is somewhat less than that of southern softwoods. These factors, together with somewhat lower mill prices and the extensive use of sea transportation, enable the Northwest to overcome to a considerable extent its apparent disadvantage.

**Transportation costs.**—The following table gives estimates of the annual bill for lumber transportation based on the quantities distributed in 1924, the approximate shipping weights, and the rates reported for typical hauls by land and by water. It deals with primary distribution only—i. e., the shipments from the mills to distributing points—as it is not possible to trace the subsequent distribution to the actual consumers.

These estimates show a lumber freight bill in the neighborhood of $300,000,000 for the primary haul only.

Comparison with freight-revenue reports of the Interstate Commerce Commission indicates a sum received, for rail freights only, which would raise the total freight bill for both primary haul and redistribution by all carriers to more than $400,000,000. This total would indicate an average freight charge, on each thousand feet consumed, of approximately $12.

## TABLE 62.—FREIGHT CHARGES, TOTAL AND AVERAGE, FOR PRIMARY DISTRIBUTION OF LUMBER: 1924[1]

| DESTINATION (STATE) | ESTIMATED FREIGHT PAYMENTS ON LUMBER FROM— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | All sources | | Domestic sources | | | | | | Foreign sources | |
| | | | | | Origin outside State | | Origin within State | | | |
| | Total | Average per M feet b. m. | Total | Average per M feet b. m. | Total | Average per M feet b. m. | Total | Average per M feet b. m. | Total | Average per M feet b. m. |
| United States | [2] $309,687,204 | $9.09 | [2] $292,672,340 | $9.06 | [2] $239,117,024 | $10.76 | [2] $53,555,316 | $5.32 | [2] $17,014,864 | $9.63 |
| Alabama | [2] 2,770,188 | 5.53 | [2] 2,763,128 | 5.52 | [2] 591,314 | 6.19 | 2,171,814 | 5.36 | [2] 7,060 | 13.98 |
| Arizona | 617,916 | 9.39 | 613,038 | 9.39 | 432,565 | 15.78 | 180,473 | 4.77 | 4,878 | 9.00 |
| Arkansas | 2,418,059 | 6.61 | 2,418,059 | 6.61 | 714,162 | 8.37 | 1,703,897 | 6.08 | | |
| California | [2] 21,489,469 | 6.00 | [2] 20,773,619 | 5.98 | [2] 15,097,531 | 6.62 | 5,676,088 | 4.74 | [2] 715,850 | 6.95 |
| Colorado | 2,911,130 | 11.14 | 2,911,130 | 11.14 | 2,781,722 | 12.02 | 129,408 | 4.35 | | |
| Connecticut | [2] 4,092,861 | 10.43 | [2] 3,357,861 | 11.49 | [2] 3,141,240 | 12.63 | 216,621 | 4.97 | [2] 735,000 | 7.35 |
| Delaware | [2] 517,857 | 9.30 | [2] 517,857 | 9.30 | [2] 499,103 | 9.77 | 18,754 | 4.10 | | |
| District of Columbia | [2] 583,476 | 11.00 | [2] 583,476 | 11.00 | [2] 583,476 | 11.00 | | | | |
| Florida | [2] 3,033,179 | 5.26 | [2] 3,033,079 | 5.26 | [2] 967,271 | 6.84 | 2,065,808 | 4.75 | [2] 100 | 20.00 |
| Georgia | [2] 1,934,473 | 5.36 | [2] 1,934,473 | 5.36 | [2] 500,708 | 7.17 | 1,433,765 | 4.93 | | |
| Idaho | 1,045,111 | 5.60 | 1,044,762 | 5.60 | 388,260 | 7.92 | 656,502 | 4.77 | 349 | 7.94 |
| Illinois | [2] 29,100,159 | 11.19 | 27,257,444 | 11.11 | 27,169,980 | 11.14 | 87,464 | 5.73 | [2] 1,842,715 | 12.56 |
| Indiana | [2] 9,774,752 | 9.55 | 8,810,787 | 9.23 | 8,171,640 | 9.75 | 639,147 | 5.50 | [2] 963,965 | 13.90 |
| Iowa | 9,537,489 | 15.12 | 9,145,889 | 15.03 | 9,116,621 | 15.07 | 29,268 | 7.59 | 391,600 | 17.80 |
| Kansas | 5,252,845 | 12.48 | 5,252,845 | 12.48 | 5,251,393 | 12.48 | 1,452 | 7.60 | | |
| Kentucky | [2] 3,481,834 | 8.17 | [2] 3,481,834 | 8.17 | [2] 3,054,554 | 8.57 | 427,280 | 6.12 | | |
| Louisiana | [2] 3,755,882 | 5.56 | [2] 3,736,487 | 5.54 | [2] 917,437 | 7.33 | 2,819,050 | 5.13 | [2] 19,395 | 22.66 |
| Maine | [2] 1,464,225 | 5.88 | [2] 1,287,825 | 5.88 | [2] 723,903 | 11.68 | 563,922 | 3.59 | [2] 176,400 | 5.88 |
| Maryland | [2] 3,466,465 | 8.97 | [2] 3,455,739 | 8.97 | [2] 3,338,975 | 9.57 | 116,764 | 3.21 | 10,726 | 8.20 |
| Massachusetts | [2] 9,747,808 | 8.96 | [2] 7,531,308 | 9.69 | [2] 7,203,762 | 10.64 | 327,546 | 3.28 | [2] 2,216,500 | 7.15 |
| Michigan | 19,248,053 | 11.14 | 19,157,053 | 11.15 | 16,476,588 | 13.19 | 2,680,465 | 5.72 | 91,000 | 9.10 |
| Minnesota | 10,367,436 | 11.91 | 9,801,436 | 11.81 | 8,800,961 | 14.05 | 1,000,475 | 4.91 | 566,000 | 14.15 |
| Mississippi | 2,157,132 | 5.77 | 2,157,132 | 5.77 | 230,703 | 6.99 | 1,926,429 | 5.65 | | |
| Missouri | 7,589,366 | 9.66 | 7,589,366 | 9.66 | 7,108,500 | 10.05 | 480,866 | 6.18 | | |
| Montana | 1,234,239 | 6.15 | 1,224,711 | 6.14 | 642,414 | 8.31 | 582,297 | 4.77 | 9,528 | 7.94 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Nebraska | 4,590,271 | 13.81 | 4,374,149 | 13.74 | 4,373,899 | 13.74 | 250 | 5.00 | 216,122 | 15.60 |
| Nevada | 335,314 | 7.53 | 333,553 | 7.51 | 307,368 | 7.90 | 26,185 | 4.74 | 1,761 | 13.65 |
| New Hampshire | 1,271,581 | 6.06 | 1,055,825 | 6.01 | 616,948 | 11.95 | 438,877 | 3.54 | 215,756 | 6.30 |
| New Jersey | [2] 8,213,565 | 11.98 | [2] 7,983,265 | 12.27 | [2] 7,930,052 | 12.41 | 53,213 | 4.61 | [2] 230,300 | 6.68 |
| New Mexico | 460,653 | 7.80 | 460,653 | 7.80 | 268,752 | 14.26 | 191,901 | 4.77 | | |
| New York | [2] 37,566,694 | 12.56 | [2] 32,489,318 | 12.90 | [2] 31,310,652 | 13.59 | 1,178,666 | 5.47 | [2] 5,077,376 | 10.75 |
| North Carolina | 3,477,747 | 6.05 | 3,477,747 | 6.05 | 1,535,969 | 7.93 | 1,941,778 | 5.10 | | |
| North Dakota | 1,848,679 | 13.23 | 1,604,239 | 13.17 | 1,604,239 | 13.17 | | | 244,440 | 13.58 |
| Ohio | [2] 15,386,154 | 9.44 | 14,840,506 | 9.35 | 14,241,835 | 9.52 | 598,671 | 6.59 | [2] 545,648 | 12.95 |
| Oklahoma | 2,601,819 | 7.14 | 2,601,819 | 7.14 | 2,221,027 | 7.55 | 380,792 | 5.40 | | |
| Oregon | [2] 4,475,987 | 5.82 | 4,379,767 | 5.81 | 476,144 | 6.91 | 3,903,623 | 5.70 | [2] 96,220 | 6.50 |
| Pennsylvania | [2] 24,659,178 | 11.45 | [2] 23,847,230 | 11.61 | [2] 22,566,332 | 12.34 | 1,280,898 | 5.67 | [2] 811,948 | 8.20 |
| Rhode Island | [2] 1,457,365 | 10.36 | [2] 1,126,615 | 11.78 | [2] 1,117,451 | 12.02 | 9,164 | 3.45 | [2] 330,750 | 7.35 |
| South Carolina | [2] 895,782 | 5.75 | [2] 895,782 | 5.75 | [2] 315,520 | 8.20 | 580,262 | 4.95 | | |
| South Dakota | 2,172,021 | 12.08 | 1,941,161 | 11.93 | 1,834,580 | 13.17 | 106,581 | 4.56 | 230,860 | 13.58 |
| Tennessee | 5,177,499 | 8.33 | 5,177,499 | 8.33 | 4,160,913 | 8.79 | 1,016,586 | 6.85 | | |
| Texas | [2] 10,225,025 | 7.01 | [2] 10,076,220 | 6.99 | [2] 5,465,370 | 7.21 | 4,610,850 | 6.75 | [2] 148,805 | 8.84 |
| Utah | 1,286,640 | 9.27 | 1,286,640 | 9.27 | 1,254,374 | 9.54 | 32,266 | 4.37 | | |
| Vermont | 811,510 | 7.00 | 717,010 | 7.11 | 429,122 | 13.44 | 287,888 | 4.17 | 94,500 | 6.30 |
| Virginia | [2] 3,688,664 | 6.22 | [2] 3,687,052 | 6.22 | [2] 2,570,314 | 7.30 | 1,116,738 | 4.64 | 1,612 | 7.50 |
| Washington | [2] 7,619,378 | 5.56 | 7,234,378 | 5.57 | 705,157 | 7.06 | 6,529,221 | 5.44 | [2] 385,000 | 5.50 |
| West Virginia | 3,283,171 | 9.31 | 3,283,171 | 9.31 | 2,522,980 | 11.08 | 760,191 | 6.08 | | |
| Wisconsin | 9,226,873 | 9.23 | 8,594,173 | 8.93 | 6,081,666 | 12.37 | 2,512,507 | 5.34 | 632,700 | 17.10 |
| Wyoming | 1,364,230 | 11.16 | 1,364,230 | 11.16 | 1,301,577 | 12.08 | 62,653 | 4.34 | | |

[1] Based mainly on the distribution within the United States of 32,292,293 M feet of domestic softwood and hardwood lumber, as shown in lumber-distribution tables for 1924, and of 1,766,068 M feet of imports. Allowance is made for water hauls, especially the shipment of 1,027,046 M feet of softwoods from the Pacific coast, to the Atlantic coast, and of 1,625,000 M feet to California ports.

[2] Includes estimates for water transportation.

# PLANING MILLS

[A preliminary report for this industry was issued under date of February 5, 1927]

**Description of the industry.**—This industry embraces "independent" planing mills; that is, planing mills not operated in conjunction with sawmills. (Planing mills operated in connection with sawmills are classified in the lumber and timber products industry.) The principal planing-mill products are dressed lumber, sash, doors, blinds, interior woodwork, and molding.

**Detailed statistics of products.**—The schedule for 1925 provided for separate detail information in regard to the chief classes of planing-mill products manufactured. As this was the first census at which such data were called for, a number of manufacturers, including several of the more important, were not prepared to supply the figures. This necessitated in some cases the making of estimates and in others the inclusion of the total output of the establishment in question in the item "Miscellaneous millwork." These facts should be given consideration in any analytical study of the planing-mill statistics.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under $5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5]

| YEAR OR PERIOD | Number of establishments | Wage earners (average number) | Wages | Paid for contract work | Cost of materials [1] | Value of products | Value added by manufacture [2] | Horsepower |
|---|---|---|---|---|---|---|---|---|
| 1925 | 4,761 | 111,329 | $146,592,039 | $3,814,657 | $403,226,767 | $710,861,267 | $307,634,500 | 597,103 |
| 1923 | 4,215 | 103,008 | 133,328,599 | 4,902,555 | 401,173,813 | 692,784,284 | 291,610,471 | 493,424 |
| 1921 | 4,366 | 78,033 | 95,954,163 | 2,201,685 | 272,081,818 | 462,648,874 | 190,567,056 | [3] |
| 1919 | 5,309 | 86,956 | 91,976,526 | 1,102,507 | 299,265,652 | 500,438,258 | 201,172,606 | [4] 417,070 |
| 1914 | 5,841 | 96,214 | 61,949,230 | 1,643,966 | 184,227,441 | 307,672,478 | 123,445,037 | [4] 410,259 |
| | PER CENT OF INCREASE OR DECREASE (—) | | | | | | | |
| 1923–1925 | 13.0 | 8.1 | 9.9 | —22.2 | 0.5 | 2.6 | 5.5 | 21.0 |
| 1921–1923 | —3.5 | 32.0 | 39.0 | 122.7 | 47.4 | 49.7 | 53.0 | ---------- |
| 1921–1925 | 9.0 | 42.7 | 52.8 | 73.3 | 48.2 | 53.7 | 61.4 | ---------- |
| 1914–1925 | —18.5 | 15.7 | 136.6 | 132.0 | 118.9 | 131.0 | 149.2 | 45.5 |

[1] Including also cost of fuel, electric power, and mill supplies.
[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)
[3] Not called for on schedule.
[4] These figures differ slightly from the corresponding ones published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric. (See footnote 1, Table 3, p. 553.)

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

[Each of the States for which no figures are given in this table reported a larger number of wage earners than one of those for which statistics are shown. See headnote, Table 6, p. 556]

| STATE | Average number employed during year | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June |
| United States: | | | | | | | |
| 1925 [1] | 111,320 | *106,024* | 106,597 | 108,079 | 110,329 | 111,596 | 112,730 |
| 1923 [1] | 103,008 | *97,094* | 98,310 | 100,905 | 102,616 | 103,878 | 105,647 |
| 1921 [1] | 78,033 | *68,411* | 69,996 | 72,203 | 75,504 | 76,408 | 78,372 |
| 1919 [1] | 86,956 | 74,409 | *74,862* | 75,377 | 78,617 | 83,346 | 87,036 |
| Alabama | 2,032 | 2,000 | 2,005 | 2,039 | 2,052 | 2,044 | 1,982 |
| Arizona | 70 | 54 | 63 | 77 | 72 | 71 | 74 |
| Arkansas | 1,881 | 1,896 | 1,873 | 1,892 | 1,975 | 1,897 | 1,899 |
| California | 9,184 | 9,086 | 8,999 | 8,934 | 8,983 | 9,058 | 9,110 |
| Colorado | 526 | 502 | 497 | 520 | 541 | 558 | 581 |
| Connecticut | 1,247 | 1,208 | 1,180 | 1,186 | 1,199 | 1,232 | 1,242 |
| Delaware | 40 | 40 | 37 | 38 | 39 | 39 | 40 |
| District of Columbia | 227 | 214 | 202 | 211 | 221 | 218 | 236 |
| Florida | 3,054 | 2,708 | 2,686 | 2,711 | 2,801 | 2,847 | 2,910 |
| Georgia | 3,216 | 3,137 | 3,148 | 3,193 | 3,240 | 3,258 | 3,265 |
| Idaho | 25 | 18 | 18 | 27 | 28 | 29 | 29 |
| Illinois | 8,595 | 8,067 | 8,254 | 8,472 | 8,807 | 8,744 | 8,834 |
| Indiana | 2,455 | 2,298 | 2,284 | 2,364 | 2,467 | 2,517 | 2,530 |
| Iowa | 3,036 | 3,663 | 3,794 | 3,833 | 3,874 | 3,899 | 3,901 |
| Kansas | 922 | 890 | 904 | 915 | 925 | 879 | 914 |
| Kentucky | 2,341 | 2,322 | 2,318 | 2,317 | 2,323 | 2,339 | 2,313 |
| Louisiana | 1,845 | 1,692 | 1,720 | 1,694 | 1,750 | 1,786 | 1,817 |
| Maine | 519 | 492 | 505 | 508 | 526 | 552 | 540 |
| Maryland | 1,213 | 1,169 | 1,185 | 1,214 | 1,250 | 1,220 | 1,218 |
| Massachusetts | 2,628 | 2,515 | 2,494 | 2,489 | 2,554 | 2,643 | 2,673 |
| Michigan | 5,483 | 5,124 | 5,155 | 5,261 | 5,465 | 5,679 | 5,692 |
| Minnesota | 3,115 | 2,846 | 2,928 | 3,009 | 2,981 | 3,173 | 3,256 |
| Mississippi | 1,941 | 1,839 | 1,885 | 1,922 | 1,944 | 1,957 | 1,961 |
| Missouri | 2,701 | 2,352 | 2,441 | 2,532 | 2,595 | 2,701 | 2,714 |
| Montana | 190 | 167 | 171 | 202 | 200 | 193 | 200 |
| Nebraska | 492 | 419 | 435 | 453 | 494 | 499 | 541 |
| New Hampshire | 651 | 634 | 621 | 652 | 671 | 680 | 656 |
| New Jersey | 2,009 | 1,990 | 1,944 | 1,945 | 1,946 | 1,958 | 2,022 |
| New Mexico | 142 | 142 | 140 | 146 | 143 | 143 | 148 |
| New York | 9,322 | 8,979 | 8,946 | 9,060 | 9,228 | 9,314 | 9,374 |
| North Carolina | 2,982 | 2,853 | 2,880 | 2,919 | 3,004 | 3,008 | 3,014 |
| North Dakota | 36 | 24 | 26 | 31 | 37 | 36 | 39 |
| Ohio | 5,201 | 4,974 | 5,023 | 5,113 | 5,270 | 5,330 | 5,385 |
| Oklahoma | 280 | 243 | 248 | 259 | 269 | 278 | 298 |
| Oregon | 1,914 | 1,863 | 1,855 | 1,886 | 1,887 | 1,958 | 1,959 |
| Pennsylvania | 7,333 | 7,151 | 7,118 | 7,108 | 7,116 | 7,249 | 7,327 |
| Rhode Island | 429 | 375 | 375 | 402 | 401 | 444 | 459 |
| South Carolina | 1,034 | 1,030 | 1,010 | 1,032 | 1,035 | 1,038 | 1,034 |
| South Dakota | 133 | 108 | 117 | 121 | 129 | 132 | 141 |
| Tennessee | 4,387 | 4,235 | 4,258 | 4,327 | 4,419 | 4,382 | 4,394 |
| Texas | 2,444 | 2,322 | 2,364 | 2,374 | 2,424 | 2,445 | 2,449 |
| Utah | 154 | 134 | 136 | 142 | 150 | 153 | 161 |
| Vermont | 557 | 555 | 545 | 562 | 557 | 550 | 555 |
| Virginia | 2,520 | 2,405 | 2,360 | 2,370 | 2,519 | 2,491 | 2,550 |
| Washington | 3,118 | 2,754 | 2,909 | 3,001 | 3,178 | 3,297 | 3,343 |
| West Virginia | 959 | 923 | 940 | 950 | 953 | 968 | 980 |
| Wisconsin | 5,778 | 5,551 | 5,541 | 5,597 | 5,610 | 5,635 | 5,795 |

See footnote at end of table

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925—Continued

[See note at head of this table]

| STATE | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|
| | July | August | September | October | November | December |
| United States: | | | | | | |
| 1925 [1] | 113,230 | 114,301 | 114,517 | 114,224 | 112,750 | 111,575 |
| 1923 [1] | 106,262 | 105,907 | 104,651 | 104,612 | 103,755 | 102,402 |
| 1921 [1] | 80,055 | 80,966 | 82,453 | 83,684 | 84,389 | 83,959 |
| 1919 [1] | 91,450 | 93,768 | 94,483 | 96,074 | 97,035 | 96,915 |
| Alabama | 1,983 | 2,030 | 2,055 | 2,068 | 2,074 | 2,055 |
| Arizona | 70 | 68 | 72 | 72 | 71 | 72 |
| Arkansas | 1,948 | 1,999 | 1,914 | 1,843 | 1,894 | 1,744 |
| California | 9,221 | 9,189 | 9,273 | 9,464 | 9,471 | 9,410 |
| Colorado | 567 | 559 | 526 | 518 | 493 | 452 |
| Connecticut | 1,242 | 1,279 | 1,296 | 1,297 | 1,298 | 1,309 |
| Delaware | 40 | 39 | 40 | 40 | 41 | 40 |
| District of Columbia | 241 | 248 | 229 | 235 | 236 | 230 |
| Florida | 3,021 | 3,158 | 3,321 | 3,455 | 3,508 | 3,524 |
| Georgia | 3,216 | 3,256 | 3,225 | 3,208 | 3,216 | 3,233 |
| Idaho | 28 | 29 | 27 | 26 | 25 | 18 |
| Illinois | 8,744 | 8,625 | 8,718 | 8,841 | 8,705 | 8,329 |
| Indiana | 2,575 | 2,567 | 2,541 | 2,482 | 2,427 | 2,410 |
| Iowa | 3,994 | 3,997 | 4,052 | 4,060 | 4,045 | 4,034 |
| Kansas | 913 | 939 | 939 | 971 | 959 | 918 |
| Kentucky | 2,291 | 2,350 | 2,373 | 2,403 | 2,368 | 2,378 |
| Louisiana | 1,817 | 2,009 | 2,001 | 1,971 | 1,978 | 1,905 |
| Maine | 534 | 514 | 513 | 508 | 519 | 517 |
| Maryland | 1,233 | 1,221 | 1,225 | 1,232 | 1,207 | 1,185 |
| Massachusetts | 2,686 | 2,702 | 2,712 | 2,714 | 2,694 | 2,661 |
| Michigan | 5,594 | 5,681 | 5,738 | 5,679 | 5,413 | 5,309 |
| Minnesota | 3,289 | 3,279 | 3,244 | 3,193 | 3,104 | 3,077 |
| Mississippi | 1,999 | 2,020 | 1,949 | 1,977 | 1,934 | 1,905 |
| Missouri | 2,811 | 2,843 | 2,888 | 2,908 | 2,867 | 2,763 |
| Montana | 201 | 194 | 190 | 185 | 181 | 183 |
| Nebraska | 537 | 518 | 508 | 511 | 498 | 491 |
| New Hampshire | 650 | 641 | 648 | 663 | 654 | 636 |
| New Jersey | 2,030 | 2,037 | 2,079 | 2,071 | 2,052 | 2,034 |
| New Mexico | 143 | 144 | 140 | 144 | 137 | 138 |
| New York | 9,446 | 9,541 | 9,660 | 9,552 | 9,453 | 9,317 |
| North Carolina | 2,998 | 3,026 | 3,074 | 3,001 | 3,003 | 3,001 |
| North Dakota | 42 | 43 | 44 | 40 | 36 | 35 |
| Ohio | 5,328 | 5,384 | 5,315 | 5,225 | 5,105 | 4,960 |
| Oklahoma | 307 | 315 | 296 | 203 | 274 | 279 |
| Oregon | 1,908 | 1,980 | 1,941 | 1,902 | 1,924 | 1,903 |
| Pennsylvania | 7,514 | 7,657 | 7,578 | 7,571 | 7,407 | 7,196 |
| Rhode Island | 444 | 429 | 462 | 443 | 451 | 465 |
| South Carolina | 1,032 | 1,036 | 1,044 | 1,040 | 1,032 | 1,042 |
| South Dakota | 139 | 138 | 143 | 146 | 147 | 136 |
| Tennessee | 4,432 | 4,486 | 4,470 | 4,405 | 4,402 | 4,431 |
| Texas | 2,448 | 2,480 | 2,405 | 2,446 | 2,483 | 2,684 |
| Utah | 165 | 169 | 166 | 163 | 160 | 147 |
| Vermont | 553 | 543 | 531 | 548 | 588 | 597 |
| Virginia | 2,582 | 2,603 | 2,641 | 2,610 | 2,546 | 2,562 |
| Washington | 3,364 | 3,353 | 3,280 | 3,116 | 2,879 | 2,940 |
| West Virginia | 987 | 977 | 969 | 967 | 955 | 938 |
| Wisconsin | 5,845 | 5,929 | 5,989 | 5,948 | 5,973 | 5,929 |

[1] Month of maximum employment indicated by bold-faced figures and that of minimum employment by *italic* figures. Per cent which minimum forms of maximum: 1925, 92.6; 1923, 91.4; 1921, 81.1; 1919, 70.6.

TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

| TYPE | 1925 | | 1923 | | 1919 | |
|---|---|---|---|---|---|---|
| | Number | Horsepower | Number | Horsepower | Number | Horsepower |
| Prime movers, total | 38,049 | 597,103 | 28,095 | 493,424 | 20,540 | [1] 417,070 |
| Steam engines | 2,019 | 246,732 | 1,857 | 227,916 | 2,674 | 222,953 |
| Steam turbines | 57 | 20,066 | | | 55 | 12,006 |
| Internal-combustion engines | 249 | 6,959 | 280 | 9,401 | 741 | 15,283 |
| Water wheels and turbines | 78 | 2,508 | 66 | 2,747 | [2] 126 | [2] 4,633 |
| Electric motors driven by purchased current | 35,646 | 320,838 | 25,892 | 253,360 | 16,944 | 162,195 |
| Electric motors, total | 42,838 | 399,942 | 30,448 | 300,377 | 20,466 | 199,694 |
| Driven by purchased current | 35,646 | 320,838 | 25,892 | 253,360 | 16,944 | 162,195 |
| Driven by current generated in establishment reporting | 7,192 | 79,104 *Kilowatts* | 4,556 | 47,017 *Kilowatts* | 3,522 | 37,499 *Kilowatts* |
| Electric generators | 360 | 56,748 | ([3]) | ([3]) | ([3]) | ([3]) |

[1] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).
[2] Includes data for a small number of water motors.
[3] Not called for on schedule.

TABLE 4.—DETAILED STATISTICS OF PLANING-MILL PRODUCTS, FOR THE UNITED STATES: 1925

| ITEM | Total | Independent planing mills | Planing mills operated in conjunction with sawmills |
|---|---|---|---|
| Total value | [1] $1,261,138,020 | [1] $710,861,267 | $550,276,753 |
| Dressed lumber, including flooring, ceiling, and siding: | | | |
| Quantity (M ft. b. m.) | 19,122,163 | 4,786,030 | 14,336,133 |
| Value | $572,968,936 | $159,885,082 | $413,083,854 |
| Doors: | | | |
| Number | 23,101,919 | 15,126,635 | 7,975,284 |
| Value | $79,265,775 | $60,459,558 | $18,806,217 |
| Sash: | | | |
| Number | 47,821,401 | 40,655,480 | 7,165,921 |
| Value | $43,505,498 | $41,330,634 | $2,174,864 |
| Window and door frames: | | | |
| Number | 12,756,436 | 10,802,896 | 1,953,540 |
| Value | $42,496,618 | $38,808,891 | $3,687,727 |
| Plywood, value | $32,511,557 | $18,401,804 | $14,109,953 |
| Portable houses, value | $15,316,459 | $15,192,737 | $123,722 |
| Silos and tanks, value | $5,506,279 | $5,489,651 | $16,628 |
| Miscellaneous millwork,[2] value | $452,522,958 | $354,667,522 | $97,855,436 |
| Amount received for custom planing | $5,518,397 | $5,100,045 | $418,352 |
| All other products, value | $11,525,543 | $11,525,543 | |

[1] Does not include values of planing-mill products made as secondary products by establishments classified in other industries: 1925, $3,800,677.
[2] Molding, inside trim, and general millwork not separately reported. Includes also values of miscellaneous products normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of planing-mill products.

## TABLE 5.—PLANING-MILL PRODUCTS, BY KINDS AND BY STATES: 1925

[This table covers the combined production of independent planing mills and planing mills operated in conjunction with sawmills. See Table 4, p. 553]

| STATE | Total value of products | DRESSED LUMBER, INCLUDING FLOORING, CEILING, AND SIDING | | DOORS | | SASH | |
|---|---|---|---|---|---|---|---|
| | | Quantity (M feet b. m.) | Value | Number | Value | Number | Value |
| United States | $1,261,138,020 | 19,122,163 | $572,968,936 | 23,101,919 | $79,265,775 | 47,821,401 | $43,505,498 |
| Alabama | 39,678,526 | 1,554,832 | 35,732,410 | 126,906 | 595,924 | 155,660 | 304,155 |
| Arizona | 1,365,843 | 19,796 | 432,502 | | | | |
| Arkansas | 46,023,333 | 997,714 | 37,106,730 | 42,460 | 185,830 | 1,184,220 | 803,457 |
| California | 104,607,549 | 1,117,985 | 43,542,496 | 1,932,601 | 6,015,887 | 4,070,929 | 3,636,722 |
| Colorado | 3,079,670 | 31,036 | 760,442 | 13,828 | 92,559 | 51,133 | 124,543 |
| Connecticut | 7,221,341 | 7,180 | 339,749 | 45,847 | 223,973 | 302,230 | 810,396 |
| Delaware | 434,617 | 790 | 26,000 | | (2) | 4,615 | 9,802 |
| District of Columbia | 1,504,149 | | | | (2) | | (2) |
| Florida | 44,285,007 | 709,316 | 23,894,770 | 246,892 | 1,030,973 | 729,291 | 1,346,640 |
| Georgia | 41,026,759 | 1,275,589 | 32,352,177 | 142,871 | 435,091 | 348,719 | 346,492 |
| Idaho | 29,613,238 | 885,905 | 26,738,017 | 6,031 | 14,766 | 15,958 | 25,822 |
| Illinois | 63,441,043 | 166,700 | 8,902,729 | 1,294,468 | 5,516,840 | 4,675,035 | 4,526,671 |
| Indiana | 17,693,885 | 27,139 | 1,140,319 | 196,022 | 787,572 | 422,890 | 509,851 |
| Iowa | 20,995,214 | 1,152 | 55,372 | 2,302,737 | 7,767,068 | 9,438,065 | 4,544,741 |
| Kansas | 4,843,432 | 3,738 | 255,047 | 153,147 | 414,219 | 675,056 | 905,359 |
| Kentucky | 13,126,648 | 44,968 | 2,838,325 | 56,044 | 459,069 | 172,506 | 247,505 |
| Louisiana | 60,551,403 | 1,037,902 | 53,165,354 | 104,253 | 246,786 | 431,158 | 424,883 |
| Maine | 7,530,564 | 24,094 | 1,075,744 | 10,317 | 94,378 | 461,549 | 342,821 |
| Maryland | 8,848,970 | 27,711 | 1,338,195 | 148,742 | 1,435,126 | 337,930 | 822,304 |
| Massachusetts | 17,930,616 | 18,725 | 1,053,348 | 41,235 | 334,589 | 652,192 | 662,492 |
| Michigan | 64,483,106 | 295,836 | 16,223,660 | 197,310 | 1,142,995 | 530,128 | 684,414 |
| Minnesota | 21,969,393 | 169,519 | 5,492,870 | 168,134 | 768,546 | 942,783 | 980,536 |
| Mississippi | 47,558,125 | 1,680,809 | 41,806,331 | 29,037 | 195,475 | 83,978 | 181,063 |
| Missouri | 16,603,639 | 41,254 | 1,344,821 | 231,369 | 1,304,513 | 1,062,098 | 1,835,169 |
| Montana | 7,526,431 | 244,192 | 6,214,683 | 2,088 | 10,197 | 887,700 | 384,468 |
| Nebraska | 2,043,101 | 86 | 3,100 | 43,200 | 165,310 | 132,895 | 222,715 |
| Nevada and Wyoming[3] | 692,713 | 1,804 | 90,625 | 3,520 | 16,700 | 5,980 | 12,700 |
| New Hampshire | 6,438,936 | 13,370 | 720,737 | 80,629 | 444,711 | 667,472 | 468,113 |
| New Jersey | 14,014,421 | 14,527 | 927,582 | 160,438 | 852,851 | 312,408 | 893,112 |
| New Mexico | 3,172,819 | 62,345 | 1,902,222 | | (2) | | (2) |
| New York | 67,687,759 | 107,434 | 6,639,405 | 769,157 | 4,701,091 | 2,469,893 | 3,229,693 |
| North Carolina | 32,361,546 | 508,139 | 14,938,140 | 129,082 | 478,966 | 335,311 | 539,440 |
| North Dakota | 190,519 | | | | (2) | | (2) |
| Ohio | 39,251,115 | 90,388 | 5,799,872 | 446,332 | 2,192,412 | 1,037,476 | 1,807,864 |
| Oklahoma | 6,258,353 | 116,425 | 3,602,152 | 13,290 | 66,794 | 58,689 | 108,116 |
| Oregon | 60,487,038 | 1,647,074 | 41,190,218 | 1,782,944 | 4,712,463 | 119,103 | 146,342 |
| Pennsylvania | 49,279,350 | 141,472 | 6,442,374 | 527,008 | 3,691,474 | 1,136,634 | 1,868,020 |
| Rhode Island | 2,476,775 | 2,285 | 140,674 | 17,440 | 101,677 | 33,141 | 105,450 |
| South Carolina | 20,207,742 | 1,047,748 | 16,155,188 | 51,852 | 211,041 | 72,522 | 172,003 |
| South Dakota | 1,159,646 | 4,266 | 159,540 | 18,178 | 86,086 | 72,625 | 94,504 |
| Tennessee | 31,251,074 | 294,695 | 10,541,944 | 188,567 | 608,435 | 819,077 | 800,514 |
| Texas | 38,794,382 | 993,024 | 28,791,392 | 322,793 | 1,367,662 | 1,783,953 | 1,548,237 |
| Utah | 703,132 | 3,837 | 159,316 | 9,632 | 45,090 | 18,370 | 41,588 |
| Vermont | 4,947,778 | 35,552 | 1,695,640 | 5,926 | 29,779 | 35,467 | 72,104 |
| Virginia | 20,238,000 | 150,714 | 6,612,470 | 234,627 | 1,144,733 | 316,556 | 508,275 |
| Washington | 106,927,457 | 2,480,451 | 61,871,384 | 6,725,745 | 13,232,958 | 3,701,178 | 1,285,159 |
| West Virginia | 10,436,176 | 69,062 | 4,293,783 | 17,942 | 104,031 | 50,408 | 106,446 |
| Wisconsin | 50,175,687 | 257,487 | 9,449,487 | 3,920,211 | 15,696,507 | 6,355,925 | 4,651,171 |

See footnotes at end of table

TABLE 5.—PLANING-MILL PRODUCTS, BY KINDS AND BY STATES: 1925—Con.

[See note at head of this table]

| STATE | WINDOW AND DOOR FRAMES | | PLYWOOD | PORTABLE HOUSES | SILOS AND TANKS | MISCELLANEOUS MILLWORK [1] | AMOUNT RECEIVED FOR CUSTOM PLANING | ALL OTHER PRODUCTS |
|---|---|---|---|---|---|---|---|---|
| | Number | Value | Value | Value | Value | Value | Value | Value |
| United States | 12,756,436 | $42,496,618 | $32,511,557 | $15,316,459 | $5,506,279 | $452,522,958 | $5,518,397 | $11,525,543 |
| Alabama | 54,171 | 257,103 | ---- | 85,760 | ---- | 2,532,155 | 138,821 | 32,198 |
| Arizona | ---- | ---- | ---- | ---- | ---- | 933,041 | 300 | ---- |
| Arkansas | 82,890 | 303,975 | 509,637 | ---- | ---- | 5,922,740 | 64,509 | 1,066,356 |
| California | 580,503 | 2,171,252 | 824,341 | 257,048 | 766,801 | 44,559,245 | 550,740 | 2,282,927 |
| Colorado | 22,825 | 104,809 | 9,435 | (2) | 12,155 | 1,907,810 | 48,096 | 19,221 |
| Connecticut | 55,321 | 225,035 | (2) | (2) | 2,955 | 5,511,375 | 89,771 | 18,087 |
| Delaware | 5,700 | 27,050 | ---- | ---- | ---- | 344,469 | 25,230 | 876 |
| District of Columbia | ---- | (2) | ---- | ---- | ---- | 1,496,996 | 7,153 | ---- |
| Florida | 488,417 | 2,133,870 | (2) | (2) | 195,748 | 15,214,533 | 180,625 | 278,839 |
| Georgia | 133,549 | 440,231 | (2) | (2) | ---- | 7,230,465 | 196,788 | 25,515 |
| Idaho | ---- | (2) | (2) | ---- | (2) | 2,829,671 | 1,748 | 3,214 |
| Illinois | 1,378,624 | 4,977,173 | 660,462 | 2,786,037 | 646,946 | 34,084,091 | 337,240 | 1,002,854 |
| Indiana | 240,781 | 968,775 | 4,245,365 | 459,088 | 14,740 | 9,240,747 | 64,409 | 202,419 |
| Iowa | 454,183 | 1,322,895 | 2,880 | 194,261 | 200,821 | 6,583,831 | 12,748 | 310,599 |
| Kansas | 54,340 | 227,956 | ---- | ---- | 26,383 | 2,926,695 | 25,273 | 62,500 |
| Kentucky | 92,195 | 533,552 | 2,927,863 | (2) | (2) | 5,609,062 | 85,133 | 426,049 |
| Louisiana | 68,692 | 363,054 | ---- | ---- | 106,747 | 6,136,870 | 61,419 | 46,290 |
| Maine | 564,320 | 1,059,113 | (2) | ---- | (2) | 4,807,626 | 48,940 | 101,942 |
| Maryland | 199,068 | 707,028 | ---- | ---- | 173,823 | 4,198,793 | 60,769 | 22,032 |
| Massachusetts | 140,301 | 495,595 | 350,422 | 717,909 | 78,911 | 13,811,347 | 143,691 | 282,312 |
| Michigan | 500,591 | 1,494,200 | 3,004,979 | 2,509,522 | (2) | 38,888,858 | 78,779 | 455,699 |
| Minnesota | 1,202,300 | 3,100,470 | (2) | ---- | 200,416 | 11,225,074 | 13,438 | 188,043 |
| Mississippi | ---- | (2) | (2) | (2) | ---- | 5,094,885 | 213,899 | 66,472 |
| Missouri | 198,354 | 847,381 | (2) | (2) | (2) | 11,137,446 | 42,597 | 91,712 |
| Montana | 3,122 | 11,487 | ---- | ---- | (2) | 725,654 | 3,732 | 176,220 |
| Nebraska | 59,931 | 247,132 | (2) | ---- | (2) | 1,228,516 | 30,638 | 145,690 |
| Nevada and Wyoming [3] | 4,700 | 25,375 | (2) | (2) | (2) | 544,163 | 750 | 2,400 |
| New Hampshire | 385,623 | 970,480 | (2) | (2) | (2) | 3,729,052 | 99,573 | 7,264 |
| New Jersey | 251,754 | 965,924 | 462,769 | (2) | 100,108 | 9,619,773 | 78,021 | 114,281 |
| New Mexico | ---- | (2) | ---- | ---- | ---- | 1,263,494 | 7,103 | ---- |
| New York | 763,038 | 3,206,382 | 2,366,501 | 3,403,319 | 980,833 | 42,513,900 | 423,020 | 214,615 |
| North Carolina | 187,472 | 666,215 | 4,569,688 | (2) | (2) | 10,846,413 | 239,872 | 82,812 |
| North Dakota | 3,034 | 16,892 | ---- | ---- | ---- | 173,327 | 300 | ---- |
| Ohio | 670,547 | 2,386,939 | (2) | 576,734 | 456,450 | 24,967,196 | 146,079 | 917,569 |
| Oklahoma | 13,601 | 68,621 | (2) | 202,231 | 90,170 | 2,057,104 | 51,191 | 11,974 |
| Oregon | 83,966 | 283,208 | 945,726 | 182,098 | (2) | 12,889,046 | 35,269 | 102,578 |
| Pennsylvania | 791,277 | 4,107,932 | 1,712,085 | 112,726 | 642,592 | 29,510,394 | 483,878 | 717,875 |
| Rhode Island | 11,462 | 114,555 | (2) | (2) | (2) | 1,922,900 | 10,871 | 80,648 |
| South Carolina | 35,030 | 137,708 | 418,881 | ---- | ---- | 2,989,135 | 52,197 | 71,499 |
| South Dakota | 54,519 | 123,789 | ---- | ---- | ---- | 694,385 | 1,342 | ---- |
| Tennessee | 239,414 | 823,570 | 934,748 | (2) | (2) | 8,071,631 | 76,537 | 393,695 |
| Texas | 112,221 | 648,593 | (2) | (2) | 11,122 | 6,243,182 | 38,378 | 145,816 |
| Utah | 12,417 | 55,029 | ---- | (2) | ---- | 331,891 | 18,204 | 52,014 |
| Vermont | 9,188 | 32,702 | 658,875 | (2) | (2) | 2,310,311 | 15,266 | 133,101 |
| Virginia | 115,559 | 498,050 | (2) | (2) | (2) | 10,195,530 | 915,890 | 363,052 |
| Washington | 1,435,440 | 2,922,834 | 2,109,688 | 503,741 | 84,829 | 24,548,299 | 156,981 | 211,584 |
| West Virginia | 85,783 | 356,343 | (2) | (2) | (2) | 5,479,469 | 75,329 | 20,775 |
| Wisconsin | 385,104 | 1,190,327 | 3,305,363 | 197,730 | 250,906 | 14,804,999 | 56,172 | 573,025 |

[1] Molding, inside trim, and general millwork not separately reported. Includes also some items not specified.
[2] Included in "Miscellaneous millwork."
[3] Not shown separately in order to avoid disclosing operations of individual establishments.

## TABLE 6.—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Each of the "All other States," however, reported a larger value of products than some of the States shown separately]

| STATE | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY | | | | Horsepower |
|---|---|---|---|---|---|---|
| | | Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | |
| United States | 4,761 | 132,625 | 2,876 | [3] 18,420 | 111,329 | 597,103 |
| Alabama | 122 | 2,372 | 103 | 237 | 2,032 | 10,753 |
| Arizona | 4 | 93 | 3 | 20 | 70 | 326 |
| Arkansas | 53 | 2,101 | 31 | 249 | 1,881 | 7,308 |
| California | 370 | 10,880 | 265 | 1,431 | 9,184 | 68,218 |
| Colorado | 30 | 600 | 7 | 67 | 526 | 2,044 |
| Connecticut | 76 | 1,552 | 61 | 244 | 1,247 | 6,950 |
| Delaware | 7 | 55 | 2 | 13 | 40 | 579 |
| District of Columbia | 9 | 273 | 3 | 43 | 227 | 841 |
| Florida | 114 | 3,636 | 72 | 510 | 3,054 | 13,725 |
| Georgia | 126 | 3,795 | 90 | 489 | 3,216 | 16,113 |
| Idaho | 6 | 34 | 5 | 4 | 25 | 239 |
| Illinois | 280 | 10,167 | 147 | 1,425 | 8,595 | 36,631 |
| Indiana | 169 | 3,112 | 88 | 569 | 2,455 | 15,770 |
| Iowa | 63 | 4,548 | 38 | 574 | 3,936 | 13,867 |
| Kansas | 42 | 1,086 | 37 | 127 | 922 | 3,683 |
| Kentucky | 78 | 2,683 | 30 | 312 | 2,341 | 10,100 |
| Louisiana | 60 | 2,167 | 27 | 295 | 1,845 | 9,793 |
| Maine | 41 | 629 | 12 | 98 | 519 | 4,529 |
| Maryland | 68 | 1,547 | 46 | 288 | 1,213 | 4,238 |
| Massachusetts | 145 | 3,197 | 95 | 474 | 2,628 | 14,682 |
| Michigan | 162 | 6,490 | 74 | 933 | 5,483 | 33,885 |
| Minnesota | 77 | 3,694 | 28 | 551 | 3,115 | 11,355 |
| Mississippi | 142 | 2,297 | 134 | 222 | 1,941 | 12,639 |
| Missouri | 102 | 3,204 | 37 | 466 | 2,701 | 11,535 |
| Montana | 14 | 223 | 9 | 24 | 190 | 1,820 |
| Nebraska | 24 | 604 | 9 | 103 | 492 | 2,594 |
| New Hampshire | 30 | 770 | 23 | 96 | 651 | 3,205 |
| New Jersey | 149 | 2,519 | 90 | 420 | 2,009 | 12,421 |
| New Mexico | 5 | 153 | 3 | 8 | 142 | 341 |
| New York | 437 | 11,463 | 247 | 1,894 | 9,322 | 49,777 |
| North Carolina | 154 | 3,499 | 136 | 381 | 2,982 | 17,048 |
| North Dakota | 9 | 49 | 5 | 8 | 36 | 206 |
| Ohio | 280 | 6,474 | 146 | 1,127 | 5,201 | 32,345 |
| Oklahoma | 34 | 352 | 17 | 55 | 280 | 1,969 |
| Oregon | 64 | 2,131 | 29 | 188 | 1,914 | 11,174 |
| Pennsylvania | 445 | 8,983 | 299 | 1,351 | 7,333 | 45,880 |
| Rhode Island | 24 | 532 | 12 | 91 | 429 | 2,330 |
| South Carolina | 55 | 1,206 | 36 | 136 | 1,034 | 5,420 |
| South Dakota | 15 | 170 | 8 | 29 | 133 | 986 |
| Tennessee | 108 | 4,952 | 65 | 500 | 4,387 | 19,056 |
| Texas | 104 | 2,928 | 77 | 407 | 2,444 | 11,549 |
| Utah | 14 | 182 | 5 | 23 | 154 | 1,014 |
| Vermont | 23 | 626 | 13 | 56 | 557 | 3,824 |
| Virginia | 113 | 3,029 | 63 | 446 | 2,520 | 12,633 |
| Washington | 108 | 3,523 | 60 | 345 | 3,118 | 21,217 |
| West Virginia | 69 | 1,229 | 35 | 235 | 959 | 8,019 |
| Wisconsin | 130 | 6,677 | 51 | 848 | 5,778 | 22,998 |
| All other States [4] | 7 | 79 | 3 | 8 | 68 | 284 |

See footnotes at end of table

TABLE 6.—GENERAL STATISTICS, BY STATES: 1925—Continued

[See note at head of this table]

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products [1] | Value added by manufacture [2] |
|---|---|---|---|---|---|---|
| United States | [3] $43,158,538 | $140,592,039 | $3,814,657 | $403,226,767 | $710,861,267 | $307,634,500 |
| Alabama | 423,004 | 1,492,180 | 11,850 | 8,059,879 | 11,565,001 | 3,505,122 |
| Arizona | 40,404 | 84,300 | 2,251 | 214,273 | 465,252 | 250,979 |
| Arkansas | 513,566 | 1,577,132 | 85,107 | 6,874,655 | 10,359,125 | 3,484,470 |
| California | 3,201,040 | 14,090,199 | 200,709 | 42,939,486 | 68,910,812 | 25,971,326 |
| Colorado | 126,476 | 765,092 | ---------- | 1,070,674 | 2,304,178 | 1,233,504 |
| Connecticut | 505,966 | 1,817,774 | 16,447 | 3,593,144 | 7,031,541 | 3,438,397 |
| Delaware | 23,790 | 45,608 | 110 | 110,219 | 206,524 | 96,305 |
| District of Columbia | 101,942 | 409,244 | 27,827 | 778,043 | 1,504,149 | 726,106 |
| Florida | 1,115,007 | 3,867,100 | 6,184 | 12,711,880 | 21,315,526 | 8,603,646 |
| Georgia | 1,016,310 | 2,367,095 | 467,834 | 11,896,003 | 18,628,954 | 6,732,951 |
| Idaho | 10,480 | 34,449 | ---------- | 104,425 | 172,207 | 67,782 |
| Illinois | 4,018,770 | 14,525,569 | 476,773 | 33,676,531 | 63,168,657 | 29,492,126 |
| Indiana | 1,183,860 | 3,263,841 | 42,307 | 9,894,379 | 17,358,260 | 7,463,881 |
| Iowa | 1,148,154 | 4,443,135 | 105,269 | 11,452,676 | 20,995,214 | 9,542,538 |
| Kansas | 240,901 | 1,204,089 | 29,733 | 2,830,757 | 4,824,432 | 1,993,675 |
| Kentucky | 812,244 | 2,536,018 | 500 | 6,358,015 | 11,574,356 | 5,216,341 |
| Louisiana | 585,725 | 1,808,459 | 327 | 5,918,400 | 9,990,147 | 4,071,747 |
| Maine | 212,652 | 634,931 | 511 | 1,748,814 | 3,065,846 | 1,317,032 |
| Maryland | 545,179 | 1,471,871 | ---------- | 4,525,165 | 8,666,123 | 4,140,958 |
| Massachusetts | 1,200,874 | 4,210,944 | 75,694 | 8,062,287 | 16,457,541 | 8,395,254 |
| Michigan | 2,003,559 | 7,112,092 | 191,264 | 22,570,432 | 38,521,129 | 15,950,697 |
| Minnesota | 1,250,467 | 4,214,505 | 81,199 | 8,197,067 | 16,156,522 | 7,959,455 |
| Mississippi | 408,401 | 1,317,599 | 11,893 | 10,475,616 | 14,656,705 | 4,181,089 |
| Missouri | 1,148,299 | 3,710,449 | 31,575 | 7,761,717 | 14,867,272 | 7,105,555 |
| Montana | 50,070 | 256,020 | ---------- | 920,020 | 1,360,142 | 440,122 |
| Nebraska | 209,083 | 537,368 | 150 | 1,015,414 | 2,043,101 | 1,027,687 |
| New Hampshire | 173,376 | 725,393 | 3,072 | 1,861,511 | 3,298,648 | 1,437,137 |
| New Jersey | 1,004,212 | 3,382,085 | 55,303 | 7,083,888 | 14,014,421 | 6,930,533 |
| New Mexico | 27,400 | 134,580 | ---------- | 567,965 | 790,691 | 222,726 |
| New York | 4,643,661 | 15,588,460 | 699,491 | 32,409,661 | 64,629,803 | 32,220,142 |
| North Carolina | 866,039 | 2,636,351 | 7,828 | 10,110,308 | 15,981,683 | 5,871,375 |
| North Dakota | 22,102 | 59,470 | 5,368 | 72,102 | 190,519 | 118,417 |
| Ohio | 2,462,668 | 7,466,705 | 61,418 | 21,394,438 | 38,182,260 | 16,787,831 |
| Oklahoma | 133,110 | 410,071 | 1,505 | 1,415,361 | 2,543,350 | 1,127,989 |
| Oregon | 480,821 | 2,399,768 | 3,272 | 5,534,920 | 9,926,417 | 4,391,497 |
| Pennsylvania | 3,186,082 | 11,218,781 | 164,343 | 24,062,781 | 47,181,427 | 23,118,646 |
| Rhode Island | 195,676 | 690,574 | 86,224 | 1,135,055 | 2,431,079 | 1,296,024 |
| South Carolina | 280,660 | 783,273 | 85,246 | 4,180,598 | 6,063,574 | 1,882,976 |
| South Dakota | 59,136 | 170,053 | ---------- | 374,638 | 688,557 | 313,919 |
| Tennessee | 1,310,063 | 4,221,262 | 415,086 | 16,422,820 | 26,086,641 | 9,663,812 |
| Texas | 822,171 | 2,597,243 | 5,572 | 7,463,746 | 13,030,549 | 5,566,803 |
| Utah | 32,262 | 223,977 | 2,977 | 335,016 | 699,748 | 364,732 |
| Vermont | 108,379 | 540,608 | 5,158 | 1,840,886 | 2,853,867 | 1,012,981 |
| Virginia | 1,025,966 | 2,618,807 | 5,416 | 8,225,273 | 14,189,869 | 5,964,596 |
| Washington | 863,366 | 4,165,962 | 149,287 | 12,120,765 | 20,474,757 | 8,353,992 |
| West Virginia | 532,353 | 1,293,887 | 32,175 | 5,305,195 | 8,247,546 | 2,942,351 |
| Wisconsin | 2,147,956 | 7,229,629 | 157,137 | 17,412,140 | 32,931,415 | 15,519,275 |
| All other States [4] | 13,945 | 87,437 | 3,265 | 137,720 | 255,721 | 118,001 |

[1] See footnote 1, Table 4, p. 553.

[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

[3] Not including 78 salaried officers and employees of central administrative offices, with salaries aggregating $254,777. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 18,498 salaried officers and employees and $43,413,315. (See "Central-administrative-office employees," p. 1193.)

[4] Nevada, 3 establishments; Wyoming, 4.

# BOXES, WOODEN

[A preliminary report for this industry was issued under date of February 5, 1927]

**Description of the industry.**—The establishments classified in this industry are those engaged primarily in the manufacture of wooden boxes (not including cigar boxes), crates for butter, fruits, berries, and vegetables; box shooks; cases for eggs and canned goods; carrier trays; storage-battery boxes, etc.

## TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under $5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5]

| YEAR OR PERIOD | Number of establishments | Wage earners (average number) | Wages | Paid for contract work | Cost of materials [1] | Value of products | Value added by manufacture [2] | Horsepower |
|---|---|---|---|---|---|---|---|---|
| 1925 | 824 | 34,834 | $33,764,709 | $252,921 | $86,391,171 | [3] $152,204,579 | $65,903,408 | 143,519 |
| 1923 | 864 | 39,154 | 36,464,026 | 330,943 | 94,080,353 | [3] 162,857,784 | 68,777,431 | 149,410 |
| 1921 | 878 | 32,595 | 28,307,330 | 282,874 | 73,269,702 | [3] 122,687,582 | 49,317,880 | (4) |
| 1919 | 1,140 | 42,445 | 36,811,185 | 633,898 | 102,946,235 | [3] 177,818,454 | 74,872,219 | [5] 143,583 |
| 1914 | 1,174 | 38,548 | 18,206,067 | 330,111 | 52,839,647 | [3] 86,566,807 | 33,727,160 | [5] 124,249 |
| | PER CENT OF INCREASE OR DECREASE (—) | | | | | | | |
| 1923-1925 | —4.6 | —11.0 | —7.4 | —23.6 | —8.2 | —6.5 | —4.2 | —3.9 |
| 1921-1923 | —1.6 | 20.1 | 28.8 | 17.0 | 28.4 | 32.9 | 39.5 | ---------- |
| 1921-1925 | —6.2 | 6.9 | 19.3 | —10.6 | 17.9 | 24.2 | 33.6 | ---------- |
| 1914-1925 | —29.8 | —9.6 | 85.5 | —23.4 | 63.5 | 75.9 | 95.4 | 15.5 |

[1] Including also cost of fuel, electric power, and mill supplies.
[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)
[3] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of wooden boxes: 1925, $3,259,831; corresponding amounts for earlier years not calculated. Does not include values of wooden boxes, crates, and box shooks made as secondary products by establishments classified in other industries: 1925, $70,326,094; 1923, $18,047,714; 1921, $13,107,156; 1919, $13,020,855; 1914, $7,225,335.
[4] Not called for on schedule.
[5] These figures differ slightly from the corresponding ones published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric. (See footnote 1, Table 3, p. 561.)

## TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

[Some of the States for which no figures are given in this table reported larger numbers of wage earners than some of those for which statistics are shown. See headnote, Table 4, p. 563]

| STATE | Average number employed during year | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June |
| United States: | | | | | | | |
| 1925 [1] | 34,834 | *34,091* | 34,408 | 34,926 | 35,570 | 35,598 | 34,987 |
| 1923 [1] | 39,154 | *37,792* | 38,718 | 39,496 | 40,137 | 40,195 | 40,681 |
| 1921 [1] | 32,595 | *31,200* | 32,587 | 33,292 | 33,081 | 32,780 | 32,890 |
| 1919 [1] | 42,445 | 41,849 | 40,707 | 40,751 | *40,082* | 41,234 | 42,175 |
| Alabama | 201 | 190 | 197 | 183 | 188 | 208 | 220 |
| Arkansas | 326 | 320 | 342 | 330 | 349 | 344 | 298 |
| California | 1,614 | 1,394 | 1,339 | 1,445 | 1,415 | 1,591 | 1,658 |
| Connecticut | 31 | 38 | 43 | 48 | 39 | 29 | 24 |
| Delaware | 91 | 60 | 98 | 103 | 102 | 94 | 102 |
| Florida | 1,780 | 2,068 | 2,080 | 2,047 | 2,037 | 2,004 | 1,496 |
| Georgia | 997 | 1,063 | 845 | 965 | 1,114 | 1,105 | 1,055 |
| Illinois | 2,860 | 2,639 | 2,587 | 2,715 | 2,798 | 2,825 | 2,986 |
| Indiana | 853 | 853 | 854 | 845 | 853 | 845 | 851 |
| Iowa | 128 | 127 | 136 | 132 | 135 | 133 | 131 |
| Kentucky | 1,106 | 1,058 | 1,222 | 1,041 | 1,294 | 1,302 | 984 |
| Louisiana | 1,072 | 1,107 | 1,091 | 1,111 | 1,112 | 1,076 | 1,080 |
| Maine | 673 | 615 | 684 | 723 | 724 | 688 | 665 |
| Maryland | 1,342 | 1,277 | 1,272 | 1,330 | 1,359 | 1,381 | 1,433 |
| Massachusetts | 2,428 | 2,497 | 2,515 | 2,522 | 2,474 | 2,442 | 2,370 |
| Michigan | 812 | 769 | 765 | 727 | 926 | 907 | 844 |
| Minnesota | 505 | 452 | 470 | 490 | 494 | 517 | 533 |
| Mississippi | 453 | 459 | 488 | 466 | 445 | 479 | 527 |
| Missouri | 1,046 | 992 | 983 | 1,036 | 1,048 | 1,080 | 1,117 |
| Nebraska | 79 | 71 | 70 | 67 | 71 | 75 | 80 |
| New Hampshire | 1,229 | 1,221 | 1,253 | 1,254 | 1,227 | 1,230 | 1,206 |
| New Jersey | 1,275 | 1,183 | 1,182 | 1,231 | 1,227 | 1,256 | 1,287 |
| New York | 1,789 | 1,812 | 1,850 | 1,835 | 1,819 | 1,753 | 1,815 |
| North Carolina | 890 | 803 | 823 | 839 | 857 | 932 | 916 |
| Ohio | 1,352 | 1,336 | 1,345 | 1,372 | 1,296 | 1,324 | 1,308 |
| Oregon | 783 | 434 | 479 | 760 | 830 | 925 | 930 |
| Pennsylvania | 1,761 | 1,812 | 1,805 | 1,733 | 1,831 | 1,778 | 1,751 |
| Rhode Island | 152 | 181 | 170 | 156 | 147 | 142 | 148 |
| South Carolina | 183 | 195 | 190 | 194 | 185 | 111 | 140 |
| Tennessee | 602 | 725 | 732 | 631 | 575 | 605 | 600 |
| Texas | 778 | 874 | 880 | 924 | 936 | 768 | 636 |
| Vermont | 151 | 154 | 156 | 151 | 140 | 144 | 145 |
| Virginia | 1,542 | 1,594 | 1,630 | 1,625 | 1,614 | 1,553 | 1,547 |
| Washington | 978 | 836 | 908 | 933 | 999 | 1,026 | 1,125 |
| West Virginia | 157 | 153 | 145 | 145 | 148 | 156 | 145 |
| Wisconsin | 2,322 | 2,341 | 2,382 | 2,367 | 2,336 | 2,265 | 2,430 |

See footnote at end of table

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925—Continued

[See note at head of this table]

| STATE | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|
| | July | August | September | October | November | December |
| United States: | | | | | | |
| 1926 [1] | 34,642 | 34,456 | 34,722 | 35,255 | 35,002 | 34,352 |
| 1923 [1] | 40,027 | 39,292 | 38,736 | 38,203 | 38,543 | 37,963 |
| 1921 [1] | 31,512 | 31,793 | 32,683 | 33,270 | 33,433 | 32,618 |
| 1919 [1] | 42,330 | 43,892 | 43,217 | 43,418 | 44,204 | 44,881 |
| Alabama | 230 | 226 | 198 | 189 | 191 | 187 |
| Arkansas | 317 | 313 | 290 | 354 | 350 | 296 |
| California | 1,738 | 1,842 | 1,835 | 1,891 | 1,713 | 1,605 |
| Connecticut | 19 | 20 | 23 | 25 | 26 | 40 |
| Delaware | 106 | 98 | 66 | 90 | 81 | 97 |
| Florida | 1,291 | 1,209 | 1,483 | 1,688 | 2,020 | 1,935 |
| Georgia | 898 | 948 | 924 | 1,018 | 1,006 | 1,028 |
| Illinois | 3,186 | 3,013 | 3,001 | 2,928 | 2,914 | 2,732 |
| Indiana | 852 | 846 | 835 | 863 | 870 | 866 |
| Iowa | 136 | 114 | 117 | 122 | 124 | 128 |
| Kentucky | 870 | 1,084 | 1,025 | 1,022 | 1,141 | 1,224 |
| Louisiana | 1,073 | 1,043 | 1,008 | 1,016 | 1,046 | 1,097 |
| Maine | 672 | 680 | 650 | 660 | 656 | 668 |
| Maryland | 1,354 | 1,299 | 1,398 | 1,371 | 1,333 | 1,297 |
| Massachusetts | 2,370 | 2,349 | 2,369 | 2,424 | 2,428 | 2,373 |
| Michigan | 765 | 796 | 853 | 868 | 762 | 759 |
| Minnesota | 537 | 523 | 498 | 517 | 527 | 506 |
| Mississippi | 397 | 419 | 452 | 453 | 442 | 409 |
| Missouri | 1,102 | 1,032 | 1,047 | 1,010 | 1,057 | 1,044 |
| Nebraska | 80 | 83 | 85 | 84 | 100 | 83 |
| New Hampshire | 1,170 | 1,204 | 1,166 | 1,240 | 1,312 | 1,262 |
| New Jersey | 1,309 | 1,313 | 1,290 | 1,319 | 1,370 | 1,328 |
| New York | 1,735 | 1,760 | 1,761 | 1,792 | 1,790 | 1,742 |
| North Carolina | 938 | 932 | 935 | 928 | 902 | 877 |
| Ohio | 1,389 | 1,331 | 1,325 | 1,335 | 1,393 | 1,423 |
| Oregon | 936 | 974 | 981 | 923 | 925 | 902 |
| Pennsylvania | 1,690 | 1,674 | 1,754 | 1,787 | 1,760 | 1,753 |
| Rhode Island | 145 | 141 | 147 | 148 | 146 | 151 |
| South Carolina | 155 | 179 | 207 | 210 | 227 | 203 |
| Tennessee | 545 | 457 | 483 | 631 | 634 | 602 |
| Texas | 701 | 625 | 670 | 664 | 797 | 862 |
| Vermont | 153 | 163 | 160 | 151 | 148 | 145 |
| Virginia | 1,585 | 1,449 | 1,583 | 1,491 | 1,362 | 1,474 |
| Washington | 1,023 | 1,129 | 1,041 | 952 | 894 | 807 |
| West Virginia | 160 | 170 | 159 | 171 | 169 | 171 |
| Wisconsin | 2,423 | 2,449 | 2,361 | 2,333 | 2,120 | 2,063 |

[1] Month of maximum employment indicated by **bold-faced** figures and that of minimum employment by *italic* figures. Per cent which minimum forms of maximum: 1925, 95.8; 1923, 92.9; 1921, 93.3; 1919, 90.6.

TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

| TYPE | 1925 | | 1923 | | 1919 | |
|---|---|---|---|---|---|---|
| | Number | Horsepower | Number | Horsepower | Number | Horsepower |
| Prime movers, total | 6,706 | 143,519 | 5,623 | 149,410 | 4,656 | [1] 143,583 |
| Steam engines | 515 | 75,488 | 641 | 92,535 | 759 | 95,021 |
| Steam turbines | 33 | 3,678 | | | 15 | 4,999 |
| Internal-combustion engines | 33 | 1,205 | 63 | 1,529 | 115 | 1,903 |
| Water wheels and turbines | 23 | 672 | 29 | 1,148 | [2] 40 | [2] 2,495 |
| Electric motors driven by purchased current | 6,102 | 62,476 | 4,890 | 54,198 | 3,727 | 39,165 |
| Electric motors, total | 7,961 | 80,981 | 6,444 | 71,596 | 4,930 | 51,680 |
| Driven by purchased current | 6,102 | 62,476 | 4,890 | 54,198 | 3,727 | 39,165 |
| Driven by current generated in establishment reporting | 1,859 | 18,505 | 1,554 | 17,398 | 1,203 | 12,515 |
| | | *Kilowatts* | | *Kilowatts* | | *Kilowatts* |
| Electric generators | 149 | 16,637 | [3] | [3] | [3] | [3] |

[1] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

[2] Includes data for a small number of water motors.

[3] Not called for on schedule.

## TABLE 4.—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately]

| STATE | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY | | | | Horsepower |
|---|---|---|---|---|---|---|
| | | Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | |
| United States | 824 | 38,160 | 449 | [2] 2,877 | 34,834 | 143,619 |
| Alabama | 4 | 213 | ------- | 12 | 201 | 410 |
| Arkansas | 4 | 346 | ------- | 20 | 326 | 740 |
| California | 42 | 1,789 | 21 | 154 | 1,614 | 9,263 |
| Connecticut | 7 | 45 | 9 | 5 | 31 | 219 |
| Delaware | 7 | 107 | 7 | 9 | 91 | 600 |
| Florida | 13 | 1,868 | 7 | 81 | 1,780 | 4,104 |
| Georgia | 10 | 1,054 | 1 | 56 | 997 | 2,497 |
| Illinois | 54 | 3,156 | 32 | 264 | 2,860 | 10,020 |
| Indiana | 21 | 919 | 13 | 53 | 853 | 2,385 |
| Iowa | 9 | 152 | 5 | 19 | 128 | 508 |
| Kentucky | 12 | 1,252 | 4 | 142 | 1,106 | 3,370 |
| Louisiana | 11 | 1,149 | 6 | 71 | 1,072 | 3,174 |
| Maine | 15 | 741 | 4 | 64 | 673 | 3,721 |
| Maryland | 23 | 1,437 | 13 | 82 | 1,342 | 4,571 |
| Massachusetts | 72 | 2,693 | 35 | 230 | 2,428 | 12,088 |
| Michigan | 30 | 902 | 12 | 78 | 812 | 4,220 |
| Minnesota | 18 | 559 | 13 | 41 | 505 | 1,696 |
| Mississippi | 8 | 496 | ------- | 42 | 453 | 1,867 |
| Missouri | 27 | 1,177 | 4 | 127 | 1,046 | 5,740 |
| Nebraska | 4 | 92 | 1 | 12 | 79 | 533 |
| New Hampshire | 27 | 1,323 | 14 | 80 | 1,229 | 7,702 |
| New Jersey | 28 | 1,402 | 12 | 115 | 1,275 | 2,805 |
| New York | 93 | 2,110 | 76 | 245 | 1,789 | 8,906 |
| North Carolina | 18 | 974 | 13 | 71 | 890 | 4,963 |
| Ohio | 46 | 1,505 | 30 | 123 | 1,352 | 5,813 |
| Oregon | 13 | 822 | 11 | 28 | 783 | 4,173 |
| Pennsylvania | 51 | 1,960 | 38 | 161 | 1,761 | 7,976 |
| Rhode Island | 7 | 175 | 4 | 19 | 152 | 731 |
| South Carolina | 4 | 191 | 1 | 7 | 183 | 550 |
| Tennessee | 13 | 658 | 6 | 50 | 602 | 2,183 |
| Texas | 16 | 836 | 5 | 53 | 778 | 2,690 |
| Vermont | 6 | 165 | 5 | 9 | 151 | 461 |
| Virginia | 17 | 1,652 | 1 | 109 | 1,542 | 5,489 |
| Washington | 19 | 1,039 | 11 | 50 | 978 | 3,844 |
| West Virginia | 6 | 181 | 3 | 21 | 157 | 1,314 |
| Wisconsin | 55 | 2,464 | 22 | 120 | 2,322 | 9,812 |
| All other States [1] | 14 | 557 | 10 | 54 | 493 | 1,831 |

See footnotes at end of table

TABLE 4.—GENERAL STATISTICS, BY STATES: 1925—Continued

[See note at head of this table]

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products | Value added by manufacture [1] |
|---|---|---|---|---|---|---|
| United States | [2]$7,416,467 | $33,764,709 | $252,921 | $86,391,171 | [3]$152,294,579 | $65,903,408 |
| Alabama | 38,969 | 113,817 | ---------- | 270,082 | 557,871 | 287,789 |
| Arkansas | 56,033 | 216,708 | 24,699 | 406,922 | 775,273 | 368,351 |
| California | 352,675 | 2,054,467 | 9,749 | 6,658,066 | 10,453,272 | 3,795,206 |
| Connecticut | 12,800 | 32,754 | ---------- | 235,499 | 312,949 | 77,450 |
| Delaware | 11,996 | 60,191 | 468 | 155,876 | 267,576 | 111,700 |
| Florida | 182,080 | 1,157,433 | 35,568 | 1,554,677 | 3,603,320 | 2,048,643 |
| Georgia | 139,028 | 577,812 | ---------- | 1,123,251 | 2,541,553 | 1,418,302 |
| Illinois | 776,353 | 3,201,876 | 19,784 | 6,897,214 | 12,797,607 | 5,900,393 |
| Indiana | 154,173 | 744,974 | ---------- | 1,780,627 | 3,083,602 | 1,302,975 |
| Iowa | 44,979 | 116,824 | ---------- | 716,909 | 995,854 | 278,945 |
| Kentucky | 332,979 | 1,039,801 | 2,499 | 2,163,150 | 4,503,087 | 2,339,937 |
| Louisiana | 150,390 | 804,054 | ---------- | 2,658,749 | 4,248,729 | 1,589,980 |
| Maine | 102,419 | 605,860 | ---------- | 1,996,029 | 2,592,718 | 806,689 |
| Maryland | 216,795 | 1,125,899 | 1,820 | 2,650,973 | 4,770,460 | 2,119,487 |
| Massachusetts | 549,255 | 2,689,041 | 22,271 | 6,245,397 | 11,187,107 | 4,941,710 |
| Michigan | 190,001 | 941,772 | 3,531 | 2,081,037 | 3,875,977 | 1,794,940 |
| Minnesota | 129,738 | 530,381 | 45,360 | 1,037,959 | 2,714,002 | 1,676,043 |
| Mississippi | 82,056 | 279,327 | ---------- | 793,709 | 1,173,151 | 379,442 |
| Missouri | 335,189 | 981,521 | ---------- | 2,476,082 | 4,660,553 | 2,184,471 |
| Nebraska | 24,344 | 90,461 | ---------- | 222,329 | 419,751 | 197,422 |
| New Hampshire | 181,907 | 1,293,717 | 169 | 3,542,371 | 5,768,412 | 2,226,041 |
| New Jersey | 334,147 | 1,887,321 | 13,436 | 7,524,767 | 11,706,884 | 4,182,117 |
| New York | 562,092 | 2,101,497 | 7,365 | 5,373,398 | 10,194,870 | 4,821,472 |
| North Carolina | 145,375 | 588,137 | ---------- | 2,131,304 | 3,273,269 | 1,141,965 |
| Ohio | 352,859 | 1,406,255 | ---------- | 3,219,789 | 6,342,495 | 3,122,706 |
| Oregon | 81,354 | 1,002,089 | ---------- | 1,454,570 | 3,444,678 | 1,990,108 |
| Pennsylvania | 494,445 | 1,965,302 | 1,649 | 4,970,076 | 8,796,769 | 3,826,693 |
| Rhode Island | 49,611 | 178,859 | 27,263 | 385,317 | 718,238 | 332,921 |
| South Carolina | 29,608 | 91,805 | 11,316 | 239,662 | 424,029 | 184,367 |
| Tennessee | 110,266 | 373,971 | ---------- | 1,133,810 | 1,840,239 | 706,429 |
| Texas | 120,410 | 532,330 | ---------- | 991,820 | 2,192,217 | 1,200,397 |
| Vermont | 14,180 | 114,825 | 150 | 169,101 | 312,724 | 143,623 |
| Virginia | 312,878 | 1,121,721 | 23,907 | 4,160,355 | 6,243,225 | 2,082,870 |
| Washington | 144,531 | 1,050,381 | 1,127 | 2,423,475 | 4,361,117 | 1,937,642 |
| West Virginia | 38,013 | 191,331 | ---------- | 690,833 | 1,168,653 | 477,820 |
| Wisconsin | 355,127 | 2,084,840 | 790 | 4,323,619 | 8,040,679 | 3,717,060 |
| All other States [4] | 146,716 | 415,355 | ---------- | 1,232,337 | 1,931,669 | 699,332 |

[1] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

[2] Not including 123 salaried officers and employees of central administrative offices, with salaries aggregating $434,309. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 3,000 salaried officers and employees and $7,850,776. (See "Central-administrative-office employees," p. 1193.)

[3] See footnote 3, Table 1, p. 558.

[4] Arizona, 1 establishment; Colorado, 3; Idaho, 2; Kansas, 4; Montana, 1; Oklahoma, 1; Utah, 2.

# FURNITURE

[A preliminary report for this industry was issued under date of November 15, 1926, and a supplement under date of December 24, 1926]

**Description of the industry.**—This industry embraces establishments engaged in the manufacture of furniture of wood, metal, fiber, reed, rattan, and willow. Statistics are presented for three general classes: (1) Household furniture, (2) furniture and fixtures for offices and stores, and (3) furniture for public buildings. The first class includes all articles of furniture commonly used in dwellings, except mattresses, bed springs, and refrigerators. (See Tables 5–10.) The second class comprises desks, chairs, counters, show cases, display fixtures, and the like, together with professional, laboratory, and hospital chairs, cots, and other furniture. (See Tables 11 and 12.) The third class covers furniture for schools, theaters, assembly halls, and churches, together with seats for public conveyances. (See Tables 11 and 13.)

**Combination of "Furniture" and "Show cases" industries.**—The former industry classification "Show cases," which covered the manufacture of show cases, display cases, wall cases, etc., was discontinued at the census for 1923, and the statistics for these products for 1914, 1919, and 1921 have been combined with those for "Furniture" because of the similarity between such products and other store and office fixtures, which made the presentation of separate statistics for the two industries difficult and unsatisfactory. All figures for previous years presented in this report have, therefore, been made comparable, so far as practicable, with those for 1925.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under $5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5]

| YEAR OR PERIOD | Number of establishments | Wage earners (average number) | Wages | Paid for contract work | Cost of materials [1] | Value of products | Value added by manufacture [2] | Horsepower |
|---|---|---|---|---|---|---|---|---|
| 1925 | 3,235 | 180,895 | $225,200,027 | $3,838,811 | $384,507,648 | $808,145,913 | $483,638,265 | 402,519 |
| 1923 | 3,043 | 168,089 | 204,513,092 | 2,774,945 | 342,235,653 | 776,494,839 | 434,259,186 | 344,851 |
| 1921 [3] | 3,033 | 124,311 | 144,109,675 | 3,031,005 | 253,544,635 | 550,163,554 | 296,618,919 | [4] |
| 1919 [3] | 3,273 | 140,188 | 143,111,976 | 1,875,086 | 265,555,518 | 579,650,641 | 314,095,123 | [5] 265,064 |
| 1914 [3] | 3,324 | 130,188 | 73,282,139 | 1,103,515 | 123,734,772 | 270,938,988 | 147,204,216 | [5] 230,661 |
| | PER CENT OF INCREASE OR DECREASE (—) | | | | | | | |
| 1923–1925 | 6.3 | 7.6 | 10.1 | 38.3 | 12.4 | 11.8 | 11.4 | 16.7 |
| 1921–1923 | .3 | 35.2 | 41.9 | —8.4 | 35.0 | 41.1 | 46.4 | ---------- |
| 1921–1925 | 6.7 | 45.5 | 56.3 | 26.7 | 51.7 | 57.8 | 63.1 | ---------- |
| 1914–1925 | —2.7 | 39.0 | 207.3 | 247.9 | 210.8 | 220.4 | 228.5 | 68.0 |

[1] Including also cost of fuel, electric power, and containers.
[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)
[3] The differences between the figures for 1921 and those for preceding years as presented in this report and as published in former reports are due to a change in classification. (See "Combination of 'Furniture' and 'Show cases' industries," above.)
[4] Not called for on schedule.
[5] These figures differ slightly from the corresponding ones published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric. (See footnote 2, Table 3, p. 567.)

**Detailed statistics of products (Tables 4–13).**—Prior to 1923 no detailed production figures were compiled for furniture. A special schedule was used for the industry at the census for 1923, and still greater detail was provided for in the form for 1925. Because of the changes made in this schedule, the detail statistics for 1925 are not entirely comparable with those for 1923. The fact that many of the manufacturers were not prepared to report their production in the detail required, and therefore supplied estimated figures in some cases, should be given consideration in any analytical study of the furniture statistics.

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

[One of the States for which no figures are given in this table reported a larger number of wage earners than some of those for which statistics are shown. See head note, Table 14, p. 572]

| STATE | Average number employed during year | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June |
| United States: | | | | | | | |
| 1925 [1] | 180,895 | 178,307 | 179,996 | 180,369 | 177,107 | 173,304 | 171,421 |
| 1923 [1] | 168,089 | 165,649 | 168,231 | 170,543 | 169,950 | 167,228 | 167,347 |
| 1921 [1, 2] | 124,311 | *102,311* | 110,563 | 116,605 | 121,501 | 122,802 | 124,080 |
| 1919 [1, 2] | 140,188 | *124,249* | 126,111 | 129,389 | 120,872 | 133,624 | 136,766 |
| Alabama | 250 | 245 | 253 | 268 | 260 | 253 | 255 |
| Arkansas | 1,201 | 1,212 | 1,229 | 1,241 | 1,273 | 1,132 | 1,071 |
| California | 6,722 | 6,171 | 6,358 | 6,531 | 6,282 | 6,154 | 6,030 |
| Colorado | 132 | 107 | 119 | 107 | 107 | 106 | 127 |
| Connecticut | 729 | 757 | 718 | 693 | 683 | 675 | 680 |
| District of Columbia | 71 | 70 | 70 | 69 | 70 | 68 | 70 |
| Florida | 162 | 147 | 142 | 141 | 144 | 139 | 134 |
| Georgia | 2,457 | 2,289 | 2,347 | 2,325 | 2,351 | 2,371 | 2,332 |
| Illinois | 19,136 | 18,333 | 18,089 | 19,062 | 18,995 | 18,667 | 18,230 |
| Indiana | 17,499 | 16,832 | 17,342 | 17,566 | 17,127 | 16,762 | 16,718 |
| Iowa | 1,541 | 1,393 | 1,488 | 1,559 | 1,508 | 1,491 | 1,503 |
| Kansas | 521 | 487 | 481 | 475 | 506 | 512 | 541 |
| Kentucky | 2,261 | 2,304 | 2,331 | 2,340 | 2,320 | 2,121 | 2,072 |
| Louisiana | 791 | 787 | 771 | 794 | 752 | 756 | 772 |
| Maine | 306 | 304 | 310 | 310 | 317 | 311 | 300 |
| Maryland | 2,195 | 2,241 | 2,215 | 2,204 | 2,142 | 2,121 | 2,090 |
| Massachusetts | 7,834 | 7,882 | 7,830 | 7,960 | 7,806 | 7,606 | 7,524 |
| Michigan | 21,512 | 22,419 | 22,413 | 22,042 | 20,829 | 20,120 | 20,313 |
| Minnesota | 1,846 | 1,672 | 1,764 | 1,825 | 1,867 | 1,848 | 1,865 |
| Missouri | 3,300 | 3,204 | 3,277 | 3,298 | 3,237 | 3,208 | 3,220 |
| Nebraska | 208 | 206 | 210 | 212 | 213 | 210 | 202 |
| New Hampshire | 674 | 722 | 719 | 713 | 692 | 590 | 580 |
| New Jersey | 2,339 | 2,346 | 2,327 | 2,284 | 2,248 | 2,214 | 2,172 |
| New York | 26,354 | 26,731 | 26,678 | 26,377 | 25,822 | 25,372 | 24,873 |
| North Carolina | 13,567 | 13,184 | 13,235 | 13,369 | 13,299 | 13,076 | 12,825 |
| Ohio | 10,221 | 9,752 | 9,904 | 9,878 | 9,987 | 9,848 | 9,728 |
| Oklahoma | 52 | 36 | 41 | 44 | 44 | 41 | 44 |
| Oregon | 1,562 | 1,472 | 1,501 | 1,518 | 1,523 | 1,575 | 1,596 |
| Pennsylvania | 12,321 | 12,634 | 12,559 | 12,246 | 12,052 | 11,819 | 11,704 |
| Rhode Island | 96 | 94 | 93 | 105 | 97 | 97 | 95 |
| Tennessee | 2,915 | 2,965 | 2,922 | 2,941 | 2,952 | 2,813 | 2,709 |
| Texas | 870 | 851 | 869 | 878 | 901 | 871 | 777 |
| Vermont | 1,074 | 1,092 | 1,095 | 1,065 | 1,008 | 1,016 | 1,058 |
| Virginia | 4,376 | 3,981 | 3,998 | 4,112 | 4,185 | 4,234 | 4,261 |
| Washington | 1,270 | 1,222 | 1,240 | 1,275 | 1,284 | 1,233 | 1,219 |
| West Virginia | 811 | 750 | 779 | 812 | 806 | 796 | 782 |
| Wisconsin | 11,437 | 11,141 | 11,365 | 11,335 | 11,078 | 10,749 | 10,671 |

See footnotes at end of table

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925—Continued

[See note at head of this table]

| STATE | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|
| | July | August | September | October | November | December |
| United States: | | | | | | |
| 1925 [1] | *171,011* | 176,305 | 184,058 | 191,009 | **194,569** | 193,281 |
| 1923 [1] | *165,622* | 167,067 | 167,701 | 169,995 | 170,216 | 167,515 |
| 1921 [1, 2] | 121,597 | 120,018 | 130,264 | 135,781 | 140,816 | 139,309 |
| 1919 [1, 2] | 141,915 | 147,318 | 147,435 | 151,721 | 155,576 | 158,280 |
| Alabama | 243 | 249 | 252 | 247 | 243 | 236 |
| Arkansas | 1,100 | 1,225 | 1,260 | 1,253 | 1,264 | 1,167 |
| California | 6,187 | 6,476 | 7,064 | 7,691 | 7,968 | 7,796 |
| Colorado | 142 | 136 | 140 | 119 | 105 | 80 |
| Connecticut | 707 | 701 | 704 | 808 | 814 | 743 |
| District of Columbia | 70 | 71 | 74 | 74 | 75 | 77 |
| Florida | 138 | 159 | 177 | 190 | 220 | 217 |
| Georgia | 2,381 | 2,464 | 2,464 | 2,530 | 2,790 | 2,825 |
| Illinois | 18,191 | 18,674 | 19,582 | 20,323 | 20,511 | 20,381 |
| Indiana | 16,629 | 17,394 | 18,052 | 18,482 | 18,706 | 18,383 |
| Iowa | 1,496 | 1,607 | 1,625 | 1,654 | 1,624 | 1,548 |
| Kansas | 531 | 543 | 538 | 532 | 558 | 549 |
| Kentucky | 1,963 | 2,198 | 2,369 | 2,388 | 2,403 | 2,322 |
| Louisiana | 735 | 774 | 838 | 878 | 785 | 852 |
| Maine | 297 | 303 | 299 | 307 | 305 | 307 |
| Maryland | 2,023 | 2,117 | 2,194 | 2,285 | 2,358 | 2,348 |
| Massachusetts | 7,224 | 7,454 | 7,769 | 8,066 | 8,421 | 8,466 |
| Michigan | 20,590 | 20,855 | 21,017 | 22,072 | 22,525 | 22,918 |
| Minnesota | 1,783 | 1,889 | 1,924 | 1,923 | 1,912 | 1,879 |
| Missouri | 3,170 | 3,224 | 3,371 | 3,457 | 3,518 | 3,413 |
| Nebraska | 204 | 202 | 203 | 209 | 210 | 216 |
| New Hampshire | 583 | 616 | 691 | 718 | 726 | 737 |
| New Jersey | 2,207 | 2,274 | 2,387 | 2,479 | 2,504 | 2,566 |
| New York | 24,690 | 25,216 | 26,421 | 27,353 | 28,309 | 28,396 |
| North Carolina | 13,039 | 13,310 | 14,063 | 14,321 | *14,540* | *14,544* |
| Ohio | 9,632 | 10,131 | 10,539 | 11,031 | 11,277 | 10,949 |
| Oklahoma | 44 | 51 | 63 | 73 | 65 | 73 |
| Oregon | 1,547 | 1,531 | 1,594 | 1,604 | 1,644 | 1,610 |
| Pennsylvania | 11,550 | 11,869 | 12,578 | 12,837 | 13,048 | 12,956 |
| Rhode Island | 89 | 99 | 95 | 103 | 101 | 89 |
| Tennessee | 2,682 | 2,799 | 3,010 | 3,128 | 3,074 | 2,989 |
| Texas | 820 | 860 | 872 | 930 | 919 | 883 |
| Vermont | 1,064 | 1,015 | 1,056 | 1,133 | 1,140 | 1,141 |
| Virginia | 4,372 | 4,492 | 4,630 | 4,733 | 4,735 | 4,778 |
| Washington | 1,190 | 1,250 | 1,307 | 1,362 | 1,344 | 1,314 |
| West Virginia | 770 | 798 | 843 | 857 | 880 | 862 |
| Wisconsin | 10,726 | 11,015 | 11,059 | 12,575 | 12,604 | 12,323 |

[1] Month of maximum employment indicated by **bold-faced** figures and that of minimum employment by *italic* figures. Per cent which minimum forms of maximum: 1925, 87.9; 1923, 97.1; 1921, 72.7; 1919, 78.5.
[2] See footnote 3, Table 1.

TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

| TYPE | 1925 | | 1923 | | 1919 [1] | |
|---|---|---|---|---|---|---|
| | Number | Horsepower | Number | Horsepower | Number | Horsepower |
| Prime movers, total | 36,339 | 402,519 | 26,696 | 344,851 | 15,098 | [2] 265,064 |
| Steam engines | 1,243 | 169,575 | 1,148 | 171,673 | 1,209 | 158,112 |
| Steam turbines | 35 | 12,620 | | | 38 | 7,885 |
| Internal-combustion engines | 96 | 3,710 | 107 | 4,073 | 217 | 4,391 |
| Water wheels and turbines | 99 | 5,100 | 108 | 4,459 | 86 | 4,713 |
| Electric motors driven by purchased current | 34,866 | 211,514 | 25,333 | 164,646 | 13,548 | 89,963 |
| Electric motors, total | 49,657 | 320,140 | 35,470 | 233,155 | 20,139 | 140,200 |
| Driven by purchased current | 34,866 | 211,514 | 25,333 | 164,646 | 13,548 | 89,963 |
| Driven by current generated in establishment reporting | 14,791 | 108,626 | 10,137 | 68,509 | 6,591 | 50,237 |
| | | *Kilowatts* | | *Kilowatts* | | *Kilowatts* |
| Electric generators | 481 | 76,457 | [3] | [3] | [3] | [3] |

[1] See footnote 3, Table 1, p. 564.
[2] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).
[3] Not called for on schedule.

TABLE 4.—VALUE OF PRODUCTS, BY CLASSES: 1919 TO 1925

| CLASS | 1925 | 1923 | 1921 [1] | 1919 [1] |
|---|---|---|---|---|
| Total [2] | $863,145,913 | $776,494,839 | $550,163,554 | $579,650,641 |
| Household furniture | 631,312,907 | 581,048,058 | 465,199,409 | 503,962,139 |
| Furniture and fixtures for offices and stores | 158,915,267 | 165,447,405 | 84,964,145 | 75,688,502 |
| Furniture for public buildings (schools, theaters, assembly halls, and churches), and seats for public conveyances [3] | 32,935,261 | | | |
| Miscellaneous products other than furniture | 40,674,649 | 26,141,023 | [4] | [4] |
| Contract work on materials furnished by others, and custom work and repairs | 4,307,829 | 3,858,353 | [4] | [4] |

[1] See footnote 3, Table 1, p. 564.
[2] Does not include values of furniture made as secondary products by establishments classified in other industries: 1925, $24,166,376; 1923, $12,399,400; 1921, $12,065,642; 1919, $16,491,114.
[3] Value of seats for public conveyances not shown separately to avoid disclosing operations of individual establishments.
[4] Not tabulated separately.

## TABLE 5.—VALUE OF FURNITURE, BY CLASSES AND MATERIALS: 1925

| CLASS | Total | Wood | Metal | Fiber, rattan, reed, and willow |
|---|---|---|---|---|
| Total | $823,103,435 | $700,146,980 | $96,502,463 | $26,513,992 |
| Household | 631,312,907 | 561,705,104 | 44,202,287 | 25,345,516 |
| Living room | 278,820,294 | 254,669,146 | 3,588,811 | 20,562,337 |
| Bedroom | 187,518,233 | 149,979,152 | 36,725,232 | 813,849 |
| Dining room | 106,526,427 | 106,203,420 | 40,693 | 282,314 |
| Kitchen | 27,396,146 | 26,534,315 | 861,831 | |
| Porch | 11,050,451 | 7,285,994 | 871,724 | 2,892,733 |
| Hall | 2,378,219 | 2,358,036 | 8,882 | 11,301 |
| Camp | 4,063,786 | 3,185,697 | 878,089 | |
| All other | 13,559,351 | 11,489,344 | 1,287,025 | 782,982 |
| Furniture and fixtures for offices and stores | 158,915,267 | 108,750,905 | 50,138,030 | 26,332 |
| Furniture for public buildings [1] | 32,935,261 | 29,690,971 | 2,102,146 | 1,142,144 |

[1] Includes "seats for public conveyances." (See footnote 3, Table 4, p. 567.)

## TABLE 6.—VALUE OF METAL HOUSEHOLD FURNITURE, BY KINDS: 1925

| KIND | Value | KIND | Value |
|---|---|---|---|
| Total | $44,262,287 | Living room | $3,588,811 |
| Bedroom | 30,725,232 | Camp | 878,089 |
| Beds | 32,064,683 | Porch | 871,724 |
| Cribs | 903,340 | Kitchen | 861,831 |
| Other | 2,837,200 | Dining room | 40,693 |
| | | All other household furniture | 1,295,907 |

## TABLE 7.—VALUE OF METAL HOUSEHOLD FURNITURE, BY STATES: 1925

| STATE | Value | STATE | Value |
|---|---|---|---|
| United States | $44,262,287 | Missouri | $1,435,423 |
| New York | 12,771,807 | Indiana | 1,086,443 |
| Illinois | 4,387,461 | Ohio | 748,116 |
| California | 3,368,951 | Massachusetts | 554,475 |
| New Jersey | 2,295,198 | All other States [1] | 17,614,413 |

[1] Alabama, Connecticut, Georgia, Iowa, Louisiana, Maryland, Michigan, Minnesota, North Carolina, Oregon, Pennsylvania, Tennessee, Texas, Virginia, and Wisconsin. Two of these States reported larger values of products than some of the States for which figures are given in the table, and one outranked all the States shown separately.

## TABLE 8.—VALUE OF WOOD HOUSEHOLD FURNITURE, BY KINDS, BY STATES: 1925

[To avoid disclosing operations of individual establishments, certain items are either included with others or not shown separately by States, as explained in the notes below]

| KIND | United States | New York | Illinois | Indiana | Michigan | North Carolina | Pennsylvania | Ohio | Wisconsin | California | Massachusetts | All other States |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | $561,705,104 | $38,926,449 | $72,198,548 | $67,737,758 | $58,049,296 | $48,149,403 | $42,534,570 | $23,560,277 | $21,786,615 | $18,994,611 | $18,956,653 | $100,760,924 |
| Living room | 254,669,146 | 55,121,938 | 48,908,022 | 19,433,893 | 22,361,986 | 7,266,342 | 14,667,901 | 17,354,044 | 10,858,348 | 11,677,903 | 10,889,061 | 36,129,708 |
| Suites | 131,031,793 | 26,065,810 | 37,447,723 | 3,947,270 | 6,502,369 | 3,734,173 | 8,970,877 | 9,412,725 | 2,817,395 | 7,080,602 | 6,030,082 | 19,022,767 |
| Chairs and rockers | 31,693,097 | 7,599,166 | 1,632,092 | 2,139,548 | 2,872,198 | 2,720,494 | 1,907,596 | 986,900 | 2,152,928 | 880,572 | 2,970,766 | 5,830,837 |
| Tables | 25,613,344 | 4,534,218 | 1,920,598 | 3,047,014 | 5,564,379 | 132,053 | 1,032,352 | 2,450,207 | 3,587,577 | 786,477 | 322,984 | 2,240,485 |
| Cabinets | 18,868,947 | 3,977,567 | 2,469,335 | 4,355,573 | 1,667,582 | 121,756 | 1,416,980 | 1,626,219 | 865,824 | 969,946 | 79,031 | 1,319,134 |
| Davenports, sofa beds, and day beds | 12,572,357 | 3,138,112 | 709,412 | 3,038,767 | 185,551 | [1] | 416,663 | 881,842 | 62,376 | 1,433,449 | 82,020 | 2,604,165 |
| Desks | 6,425,054 | 520,676 | 524,497 | 663,861 | 2,436,874 | 114,981 | 115,246 | 683,792 | [5] | 44,700 | 527,914 | 792,513 |
| Sofas and couches | 3,240,957 | 1,334,265 | 178,670 | [1] | [1] | ---------- | 118,402 | [1] | 561,838 | 46,303 | 335,077 | 666,402 |
| Bookcases | 2,959,290 | 601,984 | 520,661 | 298,181 | 1,203,357 | ---------- | 24,344 | 94,610 | [1] | 13,663 | 44,854 | 157,636 |
| Piano benches and stools | 2,498,460 | 347,597 | 627,381 | 454,999 | [1] | [1] | ---------- | 286,066 | [1] | 164,846 | [1] | 617,571 |
| Other living-room furniture | 19,760,847 | 6,932,543 | 2,877,653 | 1,488,680 | 1,929,676 | 442,885 | 665,441 | 931,683 | 810,410 | 257,345 | 496,333 | 2,878,198 |
| Bedroom | 149,979,152 | 15,097,450 | 8,575,496 | 19,787,759 | 19,896,572 | 26,677,975 | 11,902,649 | 3,011,510 | 4,629,523 | 3,521,821 | 2,906,924 | 33,971,473 |
| Suites, etc | [2] 86,321,535 | 8,350,336 | 6,909,196 | 10,842,360 | 9,036,233 | 15,668,843 | 6,577,644 | 2,290,404 | 3,346,002 | 1,999,268 | 1,376,470 | 19,424,779 |
| Dressers, vanity dressers, and dressing tables | 28,594,168 | 2,682,907 | 877,737 | 4,091,403 | 4,293,675 | 5,454,017 | 2,532,576 | 295,809 | 399,672 | 754,576 | 551,194 | 6,660,602 |
| Beds | 14,436,402 | 1,881,424 | 267,122 | 1,739,947 | 3,422,615 | 1,622,153 | 1,201,170 | 190,188 | 195,064 | 366,806 | 415,458 | 3,134,455 |
| Chiffoniers, chifforobes, wardrobes, and chifforettes | 14,328,926 | 1,096,859 | 304,968 | 2,623,072 | 1,942,055 | 2,513,832 | 948,805 | 218,975 | 115,004 | 216,536 | 193,994 | 4,154,826 |
| Chairs and benches | 6,298,121 | 1,085,924 | 216,473 | 490,977 | 1,201,994 | 1,419,130 | 642,454 | 16,134 | 73,781 | 184,635 | 369,808 | 596,811 |
| Dining room | 106,203,420 | 12,326,677 | 11,106,169 | 12,052,340 | 13,466,502 | 12,221,601 | 13,582,156 | 2,143,921 | 2,040,487 | 1,815,861 | 3,589,460 | 21,858,246 |
| Suites | 48,453,268 | 4,305,776 | 5,952,389 | 6,277,347 | 7,302,598 | 5,248,294 | 5,237,735 | 1,523,829 | 654,769 | 545,118 | 494,477 | 10,910,936 |
| Chairs | 26,332,489 | 4,737,672 | 1,923,222 | 2,375,808 | 1,927,830 | 4,446,760 | 2,674,205 | 245,185 | 622,376 | 568,284 | 2,132,317 | 4,684,830 |
| Buffets, china closets, and servers | 16,453,332 | 1,988,013 | 1,219,823 | 2,123,226 | 2,373,412 | 2,008,522 | 3,389,224 | 174,446 | 142,863 | 97,413 | 174,504 | 2,761,886 |
| Tables | 14,281,490 | 1,163,406 | 2,010,735 | 1,251,416 | 1,463,388 | 524,025 | 2,268,265 | 195,121 | 517,949 | 603,721 | 787,634 | 3,495,740 |
| Other dining-room furniture | 682,931 | 131,810 | ---------- | 24,543 | 399,274 | ---------- | 12,727 | 5,340 | 102,530 | 1,325 | 528 | 4,854 |
| Kitchen | 26,534,315 | 1,758,335 | 943,308 | 14,538,267 | 317,307 | 1,519,213 | 1,093,331 | 328,172 | 1,409,510 | 830,427 | 1,000,509 | 2,795,936 |
| Cabinets, etc | [3] 16,495,418 | 732,846 | 578,573 | 12,396,423 | 317,307 | 701,312 | 140,054 | 216,145 | 392,011 | 316,920 | ---------- | 703,827 |
| Chairs and stools | 5,222,431 | 274,750 | 248,864 | 542,766 | ---------- | 817,901 | 720,195 | 112,027 | 405,895 | 254,430 | 902,220 | 943,383 |
| Tables | 4,816,466 | 750,739 | 115,871 | 1,599,078 | [4] | [4] | 233,082 | [4] | 611,604 | 259,077 | 98,289 | 1,148,726 |
| Porch | 7,285,994 | 309,866 | 191,141 | 1,233,033 | 877,800 | 464,272 | 443,143 | 141,063 | 564,670 | 176,342 | 30,408 | 2,854,256 |
| Hall | 2,358,036 | 1,013,650 | 70,222 | 134,967 | 477,178 | [5] | 120,790 | 69,966 | 146,193 | 76,853 | 97,486 | 150,731 |
| Miscellaneous and not specified | [6] 14,675,041 | 3,298,533 | 2,404,190 | 557,499 | 651,951 | ---------- | 774,600 | 511,601 | 2,137,884 | 895,404 | 442,805 | 3,000,574 |

[1] Included in "Other living-room furniture."
[2] Suites, $73,532,019; cedar chests, $7,413,259; cribs, $2,824,928; not specified, $2,551,329; not shown separately by States.
[3] Cabinets, $14,835,960; not specified, $1,659,458; not shown separately by States.
[4] Included with "Kitchen cabinets, etc."
[5] Included with "Porch furniture."
[6] Camp furniture, $3,185,697; miscellaneous and not specified, $11,489,344; not shown separately.

## TABLE 9.—VALUE OF FIBER, RATTAN, REED, AND WILLOW HOUSEHOLD FURNITURE, BY KINDS: 1925

| KIND | Value | KIND | Value |
|---|---|---|---|
| Total | $25,345,516 | Porch | $2,892,733 |
| | | Bedroom | 813,849 |
| | | Dining room | 282,314 |
| Living room | 20,562,337 | Hall | 11,301 |
| Chairs | 8,284,674 | All other household furniture | 782,982 |
| Tables | 2,695,078 | | |
| Davenports, sofa beds, day beds, sofas, and couches | 2,383,004 | | |
| Suites | 5,490,267 | | |
| Other | 1,709,314 | | |

## TABLE 10.—VALUE OF FIBER, RATTAN, REED, AND WILLOW HOUSEHOLD FURNITURE, BY STATES: 1925

| STATE | Value | STATE | Value |
|---|---|---|---|
| United States | $25,345,516 | California | $1,354,015 |
| | | Illinois | 991,505 |
| | | New Jersey | 754,348 |
| Michigan | 7,316,223 | Pennsylvania | 396,661 |
| Wisconsin | 3,238,751 | All other States [1] | 5,736,477 |
| New York | 2,826,869 | | |
| Massachusetts | 2,731,667 | | |

[1] Arkansas, Connecticut, Florida, Georgia, Indiana, Iowa, Maryland, Minnesota, Missouri, New Hampshire, North Carolina, Ohio, Oklahoma, Oregon, South Carolina, Vermont, Virginia, and Washington. Five of these States reported larger values of products than several of the States for which figures are given in the table

## TABLE 11.—VALUE OF FURNITURE AND FIXTURES FOR OFFICES, STORES, AND PUBLIC BUILDINGS: 1925

| KIND | Total | Wood | Metal | Fiber, rattan, reed, and willow |
|---|---|---|---|---|
| Total | $191,850,528 | $138,441,876 | $52,240,176 | $1,168,476 |
| Furniture and fixtures for offices and stores | 158,915,267 | 108,750,905 | 50,138,030 | 26,332 |
| Show cases, display cases, wall cases, and cabinets | 52,093,068 | 38,742,601 | 13,344,867 | 5,600 |
| Counters, tables, shelving, and partitions | 27,353,946 | 18,036,264 | 9,317,682 | |
| Desks | 16,076,906 | 15,211,308 | 861,980 | 3,618 |
| Professional, laboratory, and hospital chairs, cots, tables, etc | 13,138,756 | 8,104,207 | 5,034,306 | 243 |
| Display fixtures | 12,078,948 | 9,943,807 | 2,126,541 | 8,600 |
| Chairs | 10,010,536 | 9,481,279 | 523,736 | 5,521 |
| Lockers | 5,309,003 | 415,851 | 4,893,152 | |
| Other furniture and fixtures for offices and stores | 22,854,104 | 8,815,588 | 14,035,766 | 2,750 |
| Furniture for public buildings (schools, theaters, assembly halls, and churches), and seats for public conveyances | 32,935,261 | 29,690,971 | 2,102,146 | 1,142,144 |
| Chairs | 13,998,505 | 12,627,867 | 1,353,379 | 17,259 |
| Desks | 9,545,011 | 9,041,421 | 503,406 | 184 |
| Church pews and pulpits | 4,323,922 | 4,320,922 | 3,000 | |
| Other furniture for public buildings [1] | 5,067,823 | 3,700,761 | 242,361 | 1,124,701 |

[1] Includes "seats for public conveyances." (See footnote 3, Table 4, p. 567.)

TABLE 12.—VALUE OF FURNITURE AND FIXTURES FOR OFFICES AND STORES, BY KINDS, BY STATES: 1925

| STATE | Total | Show cases, display cases, wall cases, and cabinets | Counters, tables, shelving, and partitions | Desks | Chairs | Other |
|---|---|---|---|---|---|---|
| United States | $158,015,267 | $52,093,068 | $27,353,946 | $16,076,906 | $10,010,536 | [1] $53,380,811 |
| New York | 38,054,873 | 14,142,144 | 4,973,495 | 3,846,938 | 469,328 | 14,622,968 |
| Illinois | 23,624,081 | 4,746,866 | 5,629,787 | 2,009,268 | 2,472,279 | 8,765,881 |
| Michigan | 18,000,520 | 6,771,073 | 716,357 | 1,714,756 | 261,661 | 9,436,073 |
| Ohio | 17,961,556 | 5,905,899 | 4,098,463 | 851,397 | 2,536,957 | 4,568,840 |
| California | 9,283,154 | 4,148,251 | 3,315,221 | 406,887 | 158,414 | 1,254,381 |
| Pennsylvania | 7,644,841 | 3,220,685 | 1,982,539 | 596,187 | (2) | 1,845,430 |
| Missouri | 7,060,167 | 2,233,528 | 625,382 | (2) | 54,198 | 4,147,059 |
| Indiana | 6,765,612 | 585,998 | 177,734 | 3,224,561 | 416,862 | 2,360,457 |
| Wisconsin | 4,435,837 | 856,544 | 154,003 | 131,392 | 1,455,047 | 1,838,851 |
| Massachusetts | 3,990,640 | 1,073,680 | 778,951 | (2) | 686,880 | 1,451,129 |
| All other States [3] | 21,193,986 | 8,407,800 | 4,902,014 | 3,295,520 | 1,498,910 | 3,089,742 |

[1] Includes $13,138,756 for professional, laboratory, and hospital furniture; $12,078,948 for display fixtures; $5,309,003 for lockers; and $22,854,104 for miscellaneous office and store furniture, not specified.
[2] Included in "All other States" to avoid disclosing operations of individual establishments.
[3] Alabama, Arkansas, Colorado, Connecticut, District of Columbia, Florida, Georgia, Idaho, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Minnesota, Mississippi, Nebraska, New Hampshire, New Jersey, North Carolina, Oklahoma, Oregon, Rhode Island, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, and West Virginia.

TABLE 13.—VALUE OF FURNITURE FOR PUBLIC BUILDINGS, BY KINDS, BY STATES: 1925

| STATE | Total | Chairs | Church pews and pulpits | Other |
|---|---|---|---|---|
| United States | $32,935,261 | $13,998,505 | $4,323,922 | [1] $14,612,834 |
| Michigan | 10,293,788 | 5,565,962 | (2) | 4,727,826 |
| Wisconsin | 3,084,727 | 905,481 | 2,411,642 | 367,604 |
| Illinois | 3,598,597 | 2,374,800 | 54,212 | 1,169,585 |
| New York | 3,250,186 | 2,085,077 | (2) | 1,165,109 |
| Massachusetts | 3,234,485 | 1,023,061 | (2) | 2,211,424 |
| Indiana | 2,297,461 | 543,178 | ---- | 1,754,283 |
| California | 482,351 | 314,677 | 66,167 | 101,507 |
| Missouri | 206,249 | (2) | 17,983 | 188,266 |
| All other States [3] | 5,887,417 | 1,186,269 | 1,773,918 | 2,927,230 |

[1] Includes $9,545,011 for desks, and $5,067,823 for bus seats and miscellaneous products.
[2] Included in "All other States" to avoid disclosing operations of individual establishments.
[3] Alabama, Connecticut, District of Columbia, Florida, Georgia, Iowa, Kansas, Kentucky, Louisiana, Maryland, Minnesota, New Hampshire, New Jersey, North Carolina, Ohio, Oregon, Pennsylvania, Tennessee, Texas, Utah, Vermont, Virginia, Washington, and West Virginia. Seven of these States reported larger values of products than some of the States for which figures are given in the table.

## TABLE 14.—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately]

| STATE | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY | | | | Horsepower |
|---|---|---|---|---|---|---|
| | | Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | |
| United States | 3,235 | 205,477 | 2,024 | 22,558 | 180,895 | 402,510 |
| Alabama | 10 | 286 | 6 | 30 | 250 | 492 |
| Arkansas | 12 | 1,342 | 7 | 134 | 1,201 | 2,209 |
| California | 259 | 7,964 | 259 | 983 | 6,722 | 15,032 |
| Colorado | 8 | 163 | 5 | 26 | 132 | 270 |
| Connecticut | 29 | 362 | 22 | 111 | 729 | 1,222 |
| District of Columbia | 5 | 77 | 3 | 3 | 71 | 84 |
| Florida | 13 | 194 | 13 | 19 | 162 | 410 |
| Georgia | 36 | 2,628 | 18 | 153 | 2,457 | 3,683 |
| Illinois | 355 | 21,920 | 223 | 2,570 | 19,136 | 30,595 |
| Indiana | 210 | 19,624 | 74 | 2,051 | 17,499 | 44,159 |
| Iowa | 37 | 1,714 | 15 | 158 | 1,541 | 3,541 |
| Kansas | 15 | 571 | 15 | 35 | 521 | 1,051 |
| Kentucky | 35 | 2,488 | 6 | 221 | 2,261 | 5,284 |
| Louisiana | 18 | 919 | 12 | 116 | 791 | 1,092 |
| Maine | 10 | 341 | 6 | 29 | 306 | 968 |
| Maryland | 55 | 2,559 | 47 | 317 | 2,195 | 5,083 |
| Massachusetts | 191 | 8,804 | 116 | 944 | 7,834 | 16,272 |
| Michigan | 151 | 24,102 | 59 | 2,531 | 21,512 | 44,233 |
| Minnesota | 53 | 2,117 | 28 | 243 | 1,846 | 3,669 |
| Missouri | 88 | 3,891 | 40 | 551 | 3,300 | 6,410 |
| Nebraska | 8 | 248 | 6 | 34 | 208 | 518 |
| New Hampshire | 15 | 752 | 10 | 68 | 674 | 1,972 |
| New Jersey | 63 | 2,722 | 48 | 335 | 2,339 | 4,727 |
| New York | 596 | 31,468 | 426 | 4,688 | 26,354 | 52,152 |
| North Carolina | 127 | 14,409 | 56 | 780 | 13,567 | 28,956 |
| Ohio | 185 | 11,615 | 86 | 1,308 | 10,221 | 24,463 |
| Oklahoma | 5 | 69 | 5 | 12 | 52 | 217 |
| Oregon | 42 | 1,727 | 27 | 138 | 1,562 | 3,374 |
| Pennsylvania | 273 | 13,982 | 267 | 1,304 | 12,321 | 31,526 |
| Rhode Island | 7 | 118 | 7 | 15 | 96 | 116 |
| Tennessee | 43 | 3,170 | 20 | 241 | 2,915 | 6,737 |
| Texas | 24 | 1,001 | 18 | 113 | 870 | 2,758 |
| Vermont | 11 | 1,172 | 2 | 96 | 1,074 | 2,903 |
| Virginia | 38 | 4,648 | 16 | 256 | 4,376 | 8,879 |
| Washington | 48 | 1,450 | 25 | 155 | 1,270 | 3,749 |
| West Virginia | 10 | 878 | 1 | 66 | 811 | 2,393 |
| Wisconsin | 106 | 13,063 | 21 | 1,605 | 11,437 | 20,876 |
| All other States [1] | 8 | 314 | 9 | 23 | 282 | 614 |

See footnotes at end of table

TABLE 14.—GENERAL STATISTICS, BY STATES: 1925—Continued

[See note at head of this table]

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products | Value added by manufacture [2] |
|---|---|---|---|---|---|---|
| United States | $57,173,550 | $225,200,027 | $3,538,811 | $384,507,648 | $868,145,913 | $483,638,265 |
| Alabama | 67,190 | 248,588 | | 348,837 | 1,073,724 | 724,887 |
| Arkansas | 272,438 | 1,083,783 | | 3,028,855 | 5,664,235 | 2,635,380 |
| California | 2,217,423 | 9,464,358 | 190,842 | 16,875,718 | 36,726,611 | 19,850,793 |
| Colorado | 71,068 | 217,369 | 2,787 | 395,068 | 827,183 | 432,115 |
| Connecticut | 263,117 | 1,047,057 | 33,796 | 1,519,257 | 3,668,720 | 2,149,463 |
| District of Columbia | 5,240 | 126,204 | 1,129 | 223,753 | 365,059 | 141,306 |
| Florida | 38,821 | 243,527 | | 292,055 | 763,058 | 471,003 |
| Georgia | 414,342 | 1,937,032 | 43,356 | 3,701,023 | 7,969,154 | 4,268,128 |
| Illinois | 7,020,971 | 27,848,145 | 968,846 | 49,079,206 | 109,230,807 | 60,151,601 |
| Indiana | 4,869,953 | 18,819,068 | 362,491 | 38,294,155 | 80,687,680 | 42,393,475 |
| Iowa | 384,230 | 1,714,676 | 17,579 | 4,156,583 | 7,573,600 | 3,417,017 |
| Kansas | 81,419 | 548,593 | 4,816 | 720,924 | 1,505,743 | 784,819 |
| Kentucky | 534,403 | 2,364,476 | 43,062 | 3,878,800 | 9,040,975 | 5,162,175 |
| Louisiana | 334,031 | 662,043 | 727 | 1,568,050 | 3,275,918 | 1,707,868 |
| Maine | 90,771 | 322,975 | 1,135 | 481,382 | 1,111,748 | 630,366 |
| Maryland | 590,566 | 2,251,337 | 11,376 | 3,863,200 | 8,778,453 | 4,915,253 |
| Massachusetts | 2,269,966 | 10,172,074 | 157,738 | 16,050,928 | 33,038,635 | 17,587,707 |
| Michigan | 7,678,068 | 28,574,492 | 244,460 | 39,575,080 | 99,130,108 | 59,554,122 |
| Minnesota | 631,100 | 2,230,505 | 18,811 | 4,292,370 | 8,485,100 | 4,192,721 |
| Missouri | 1,572,038 | 4,241,708 | 13,268 | 7,468,302 | 16,921,437 | 9,453,135 |
| Nebraska | 85,626 | 262,539 | | 635,583 | 1,190,048 | 554,466 |
| New Hampshire | 171,032 | 767,746 | 33,178 | 1,247,873 | 2,654,205 | 1,406,332 |
| New Jersey | 1,004,119 | 3,823,908 | 107,902 | 5,258,602 | 12,871,448 | 7,612,846 |
| New York | 10,263,022 | 40,330,001 | 1,055,333 | 64,526,704 | 155,826,177 | 90,999,473 |
| North Carolina | 2,209,506 | 10,752,977 | 49,517 | 24,044,603 | 51,208,238 | 26,263,635 |
| Ohio | 3,239,833 | 12,936,061 | 106,119 | 20,631,248 | 47,586,668 | 26,955,420 |
| Oklahoma | 27,750 | 73,125 | | 157,469 | 274,987 | 117,518 |
| Oregon | 515,766 | 1,922,029 | 3,197 | 2,507,793 | 6,618,614 | 4,110,816 |
| Pennsylvania | 3,498,998 | 14,436,742 | 91,346 | 23,271,965 | 52,607,048 | 29,335,083 |
| Rhode Island | 25,214 | 142,254 | 3,646 | 239,817 | 510,649 | 270,832 |
| Tennessee | 538,224 | 2,305,675 | 46,420 | 4,610,284 | 9,532,520 | 4,922,236 |
| Texas | 297,771 | 902,711 | 49,178 | 1,709,159 | 3,848,036 | 2,138,877 |
| Vermont | 269,027 | 1,186,080 | | 1,322,956 | 3,627,340 | 2,304,374 |
| Virginia | 644,024 | 3,585,937 | 4,979 | 8,850,247 | 18,792,297 | 9,942,050 |
| Washington | 331,696 | 1,547,383 | 14,908 | 2,330,500 | 5,117,032 | 2,786,442 |
| West Virginia | 206,843 | 980,995 | | 2,074,238 | 4,177,114 | 2,102,876 |
| Wisconsin | 4,451,980 | 14,788,441 | 5,614 | 23,442,696 | 53,915,692 | 30,472,996 |
| All other States [1] | 54,449 | 247,892 | 140,355 | 631,132 | 1,349,942 | 718,810 |

[1] Idaho, 1 establishment; Mississippi, 2; South Carolina, 2; South Dakota, 2; Utah, 1.
[2] Value of products less cost of materials. (See secs. 20 and 21, pp. 8 and 9.)

# TURPENTINE AND ROSIN

[Statistics on production, compiled by the Turpentine and Rosin Producers' Association, were published in the April, 1926, issue of the Survey of Current Business]

The Bureau of the Census, in cooperation with the Bureau of Chemistry, published annual statistics for the turpentine and rosin industry for the crop years ended March 31, 1922, 1923, and 1924. For the crop years ended March 31, 1925 and 1926, production statistics were compiled by the Turpentine and Rosin Producers' Association. The present report is one of the series presenting results of the third biennial census of manufactures.

**Description of the industry.**—The turpentine and rosin industry comprises the distillation of the semifluid exudation from certain species of pine trees. This exudation is known by various names, as crude gum, crude turpentine, and resin. Relatively small quantities of wood turpentine and wood rosin are obtained from pine wood by steam and solvent extraction and by destructive distillation. Establishments engaged in the production of turpentine, or both turpentine and rosin, in this manner are treated as belonging to the wood-distillation industry, and no statistics for these subsidiary products are included in this report except in Tables 4 and 6, pp. 576 and 577.

**Crop year.**—The producing season in the turpentine and rosin industry commences in the spring, when the sap begins to flow. In order to conform as nearly as possible to the crop year and to make the task of reporting 12 months' activities less difficult for the operators, the data have been collected at the last 6 canvasses for the crop years ended March 31. The earlier census figures, however (except those for the crop years 1920–21, 1918–19, and 1917–18, in Table 4), relate to calendar years.

**Cost of materials in comparison with value of products.**—The cost of materials includes the rental of pine forests, the cost of fuel, containers, and other mill supplies, and the amount paid for such crude gum as is purchased outright. In most cases, however, the gum is gathered by the establishment operating the distillery, and therefore a large part of the actual cost of materials at the distillery is represented by the compensation of the employees engaged in gathering the gum, which is reported under the head of "Wages." It appears probable, also, that the cost of materials as reported does not in all cases include the rental of pine forests (turpentine rights). As a result, the cost of materials shown for this industry is relatively low.

## TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925–26

[Data for establishments with products under $5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5]

| YEAR OR PERIOD | Number of establishments | Wage earners (average number) | Wages | Paid for contract work | Cost of materials [1] | Value of products | Value added by manufacture [2] | Horsepower |
|---|---|---|---|---|---|---|---|---|
| 1925–26 | 1,007 | 29,413 | $15,190,076 | $134,615 | $11,887,395 | $42,364,413 | $30,477,018 | 3,138 |
| 1923–24 | 1,203 | 34,328 | 15,448,590 | 127,395 | 8,972,758 | 35,166,715 | 26,193,957 | 1,932 |
| 1921–22 | 1,062 | 27,422 | 9,512,177 | 519,746 | 6,199,179 | 23,300,845 | 17,101,666 | [3] |
| 1919 | 1,191 | 28,067 | 16,972,881 | 425,407 | 13,929,888 | 53,051,294 | 39,121,406 | [4] 2,276 |
| 1914 | 1,394 | 34,817 | 8,582,970 | 532,143 | 5,535,561 | 20,990,191 | 15,454,630 | 2,478 |
| | PER CENT OF INCREASE OR DECREASE (—) | | | | | | | |
| 1923–1925 | —16.3 | —14.3 | —1.7 | 5.7 | 32.5 | 20.5 | 16.4 | 62.4 |
| 1921–1923 | 13.3 | 25.2 | 62.4 | —75.5 | 44.7 | 50.9 | 53.2 | ------- |
| 1921–1925 | —5.2 | 7.3 | 59.7 | —74.1 | 91.8 | 81.8 | 78.2 | ------- |
| 1914–1925 | —27.8 | —15.6 | 77.0 | —74.7 | 114.7 | 101.8 | 97.2 | 26.6 |

[1] Including also cost of fuel, electric power, and containers.
[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)
[3] Not called for on schedule.
[4] This figure differs slightly from the corresponding one published in the report for 1919 because of the exclusion here and the inclusion in the previous report of data for purchased power other than electric. (See footnote 1, Table 3, p. 575.)

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

| STATE | Average number employed during year | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June |
| United States: | | | | | | | |
| 1925–26 [1,2] | 29,413 | 28,099 | 28,212 | *28,017* | 30,079 | 30,414 | 30,315 |
| 1923–24 [1,2] | 34,328 | *33,126* | 33,203 | 33,259 | 34,826 | 35,015 | 34,919 |
| 1921–22 [1,2] | 27,422 | 26,562 | *26,460* | 26,515 | 27,041 | 27,059 | 28,057 |
| 1919 [1] | 28,067 | *25,018* | 26,756 | 27,548 | 28,537 | 28,723 | 28,802 |
| Alabama | 2,116 | 1,775 | 1,782 | 1,816 | 2,245 | 2,320 | 2,336 |
| Florida | 10,890 | 10,621 | 10,677 | 10,618 | 11,055 | 11,279 | 11,075 |
| Georgia | 12,961 | 12,443 | 12,371 | 12,591 | 13,062 | 13,173 | 13,267 |
| Louisiana | 1,104 | 917 | 943 | 820 | 1,251 | 1,186 | 1,232 |
| Mississippi | 1,661 | 1,703 | 1,809 | 1,554 | 1,772 | 1,739 | 1,687 |

| STATE | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|
| | July | August | September | October | November | December |
| United States: | | | | | | |
| 1925–26 [1,2] | 30,377 | 30,112 | 29,864 | 29,424 | 29,172 | 28,871 |
| 1923–24 [1,2] | 35,043 | 35,041 | 35,077 | 34,662 | 34,250 | 33,511 |
| 1921–22 [1,2] | 28,189 | 28,370 | 28,081 | 27,752 | 27,423 | 26,968 |
| 1919 [1] | 28,664 | 28,692 | 28,319 | 28,617 | 28,296 | 27,932 |
| Alabama | 2,365 | 2,362 | 2,356 | 2,089 | 2,073 | 1,874 |
| Florida | 11,035 | 10,963 | 10,910 | 10,879 | 10,822 | 10,743 |
| Georgia | 13,331 | 13,254 | 13,184 | 13,068 | 12,930 | 12,859 |
| Louisiana | 1,246 | 1,191 | 1,153 | 1,119 | 1,103 | 1,089 |
| Mississippi | 1,683 | 1,644 | 1,558 | 1,578 | 1,577 | 1,624 |

[1] Month of maximum employment indicated by bold-faced figures and that of minimum employment by *italic* figures. Per cent which minimum forms of maximum: 1925, 92.1; 1923, 94.4; 1921, 93.2; 1919, 90.
[2] Crop years ended Mar. 31.

TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

| TYPE | 1925–26 | | 1923–24 | | 1919 | |
|---|---|---|---|---|---|---|
| | Number | Horsepower | Number | Horsepower | Number | Horsepower |
| Prime movers, total | 746 | 3,138 | 471 | 1,932 | 543 | [1] 2,276 |
| Steam engines | 139 | 900 | 183 | 1,032 | 243 | 1,296 |
| Steam turbines | 4 | 13 | | | 10 | 47 |
| Internal-combustion engines | 595 | 2,209 | 286 | 898 | 269 | 884 |
| Water wheels and turbines | 4 | 11 | | | [2] 16 | [2] 30 |
| Electric motors driven by purchased current | 4 | 5 | 2 | 2 | 5 | 19 |
| Electric motors, total | 4 | 5 | 2 | 2 | 5 | 19 |
| Driven by purchased current | 4 | 5 | 2 | 2 | 5 | 19 |
| Driven by current generated in establishment reporting | | | | | | |
| | | *Kilowatts* | | *Kilowatts* | | *Kilowatts* |
| Electric generators | 1 | 15 | [3] | [3] | [3] | [3] |

[1] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).
[2] Includes data for a small number of water motors.
[3] Not called for on schedule.

## TABLE 4.—PRODUCTION OF TURPENTINE AND ROSIN, FOR THE UNITED STATES: 1899 TO 1925–26

[These statistics were compiled as follows: For 1925–26 and 1924–25, for turpentine and rosin distilled from crude gum, by the Turpentine and Rosin Producers' Association, and for turpentine and rosin distilled from wood, by the Bureau of Chemistry, Department of Agriculture; all statistics for 1920–21, 1918–19, and 1917–18, by the Bureau of Chemistry; all statistics for 1923–24, 1922–23, 1921–22, 1919, 1914, 1909, 1904, and 1899, by the Bureau of the Census]

| YEAR [1] | TURPENTINE (GALLONS) | | | ROSIN (BARRELS, 500 POUNDS) | | |
|---|---|---|---|---|---|---|
| | Total | Distilled from crude gum [2] | Distilled from wood [3] | Total | Distilled from crude gum [2] | Distilled from wood [3] |
| 1925–26 | 27,261,425 | 23,922,250 | 3,339,175 | 1,903,370 | 1,578,866 | 324,504 |
| 1924–25 | 29,333,450 | 26,072,200 | 3,261,250 | 2,018,296 | 1,720,765 | 297,531 |
| 1923–24 | 29,781,944 | 27,174,580 | 2,607,364 | 1,990,865 | 1,790,087 | 200,778 |
| 1922–23 | 24,262,835 | 22,394,137 | 1,858,698 | 1,651,795 | 1,499,538 | 152,257 |
| 1921–22 | 24,820,620 | 24,378,854 | 441,766 | 1,090,971 | 1,061,624 | 29,347 |
| 1920–21 | 26,200,000 | 24,450,000 | 1,750,000 | 1,757,000 | 1,577,000 | 180,000 |
| 1919 | 19,228,174 | 17,693,841 | 1,534,333 | 1,269,717 | 1,138,660 | 131,057 |
| 1918–19 | 18,650,000 | 17,050,000 | 1,600,000 | 1,238,000 | 1,115,000 | 123,000 |
| 1917–18 | 24,900,000 | 23,700,000 | 1,200,000 | 1,631,000 | 1,531,000 | 100,000 |
| 1914 | [4] 27,048,939 | 26,980,981 | 575,557 | [5] 1,649,160 | 1,615,643 | 29,022 |
| 1909 | [6] 29,714,132 | 28,988,954 | 706,868 | 1,827,760 | 1,827,760 | (7) |
| 1904 | 31,129,236 | 30,687,051 | 442,185 | 1,964,674 | 1,964,674 | (7) |
| 1899 | 37,733,500 | 37,733,500 | (7) | 2,434,933 | 2,434,933 | (7) |

[1] Figures showing production of turpentine and rosin from crude gum relate to crop years ended Mar. 31, 1926, 1925, 1924, 1923, 1922, 1921, 1919, and 1918, and to calendar years 1919, 1914, 1909, 1904, and 1899. Figures for turpentine and rosin distilled from wood relate to crop years ended Mar. 31, 1926 and 1925. All others relate to calendar years.

[2] Compiled from data reported by establishments in the turpentine and rosin industry.

[3] Compiled from data reported by establishments in the wood-distillation industry.

[4] Includes 92,401 gallons of turpentine reported by establishments engaged in the manufacture of lumber and timber products.

[5] Includes 4,495 barrels of rosin reported by establishments engaged in the manufacture of lumber and timber products.

[6] Includes 18,310 gallons of turpentine reported by establishments engaged in the manufacture of lumber and timber products.

[7] Not reported.

## TABLE 5.—QUANTITY OF TURPENTINE AND ROSIN DISTILLED FROM CRUDE GUM AND NUMBER OF CROPS WORKED, BY STATES: 1925–26 AND 1924–25

[Statistics compiled by the Turpentine and Rosin Producers' Association]

| STATE | 1925–26 | | | 1924–25 | | |
|---|---|---|---|---|---|---|
| | Production | | Number of crops worked | Production | | Number of crops worked |
| | Turpentine (gallons) | Rosin [1] (barrels of 500 pounds) | | Turpentine (gallons) | Rosin [1] (barrels of 500 pounds) | |
| United States | 23,922,250 | 1,578,866 | 13,063.4 | 26,072,200 | 1,720,765 | 14,931.4 |
| Alabama | 1,557,200 | 102,775 | 931.8 | 1,887,200 | 121,255 | 1,182.8 |
| Florida | 8,649,050 | 570,837 | 5,562.7 | 9,155,450 | 604,260 | 6,170.8 |
| Georgia | 10,301,750 | 679,915 | 5,796.6 | 9,932,000 | 655,512 | 5,733.5 |
| West Louisiana and Texas | 898,800 | 59,320 | 334.3 | 2,246,300 | 148,256 | 733.0 |
| East Louisiana and Mississippi | 2,015,450 | 133,019 | 683.0 | 2,451,250 | 161,782 | 791.3 |
| North Carolina and South Carolina | 500,000 | 33,000 | 355.0 | 450,000 | 29,700 | 320.0 |

[1] Data on the production of rosin were not given in the reports on which this table is based, but have been calculated from the turpentine figures by use of the factor 3.3.

TABLE 6.—STOCKS OF TURPENTINE AND ROSIN ON HAND MARCH 31, 1926, AND MARCH 31, 1925

[Statistics compiled by the Bureau of Chemistry, Department of Agriculture]

| STOCKS HELD AT [1]— | MAR. 31, 1926 | | MAR. 31, 1925 | |
|---|---|---|---|---|
| | Turpentine (gallons) | Rosin (barrels of 500 pounds) | Turpentine (gallons) | Rosin (barrels of 500 pounds) |
| Total | 4,052,834 | 444,221 | 5,030,604 | 646,088 |
| Gum-turpentine stills | 378,400 | 92,245 | 457,550 | 150,045 |
| Plants of consuming industries | 848,890 | 165,543 | 1,285,018 | 195,630 |
| Wood-distillation plants | 233,944 | 22,838 | 746,236 | 45,462 |
| Ports and distributing points | 2,591,600 | 163,595 | 2,561,800 | 254,945 |

[1] Data are included for shipments in transit from stills and distillation plants and to distributing points and consuming plants.

TABLE 7.—GENERAL STATISTICS, BY STATES: 1925 [1]

| STATE | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY | | | | Horsepower |
|---|---|---|---|---|---|---|
| | | Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | |
| United States | 1,007 | 31,905 | 908 | 1,584 | 29,413 | 3,138 |
| Alabama | 97 | 2,338 | 91 | 131 | 2,116 | 352 |
| Florida | 310 | 11,729 | 262 | 577 | 10,890 | 1,177 |
| Georgia | 519 | 14,078 | 491 | 626 | 12,961 | 1,439 |
| Louisiana | 13 | 1,183 | ---- | 79 | 1,104 | 23 |
| Mississippi | 32 | 1,806 | 28 | 117 | 1,661 | 80 |
| All other States (North Carolina, South Carolina, and Texas) [2] | 36 | 771 | 36 | 54 | 681 | 67 |

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products | Value added by manufacture [3] |
|---|---|---|---|---|---|---|
| United States | $2,095,994 | $15,100,070 | $134,615 | $11,887,305 | $42,364,413 | $30,477,018 |
| Alabama | 197,668 | 1,145,788 | 26,187 | 851,866 | 3,180,064 | 2,328,198 |
| Florida | 830,065 | 5,864,038 | 50,069 | 3,760,354 | 14,110,363 | 10,350,009 |
| Georgia | 708,406 | 6,371,616 | 55,209 | 4,988,257 | 17,966,970 | 12,978,713 |
| Louisiana | 129,148 | 511,403 | ---- | 746,785 | 2,078,968 | 1,332,182 |
| Mississippi | 170,520 | 991,611 | 500 | 1,103,758 | 4,010,022 | 2,849,264 |
| All other States (North Carolina, South Carolina, and Texas) [2] | 60,197 | 305,530 | 2,650 | 376,374 | 1,018,026 | 641,652 |

[1] Crop year ended Mar. 31, 1926.
[2] Combined in order to avoid disclosing operations of individual establishments.
[3] Value of products less cost of materials. (See secs. 20 and 21, pp. 8 and 9.)

## SUMMARY FOR INDUSTRIES IN GROUP 4 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES

[This table presents summary statistics for the industries in Group 4 other than those for which separate reports are given on pp. 507–577. More detailed statistics for 1925 are given, for the United States as a whole, in Table II, p. 1288; and summaries for States and large cities, carrying statistics for these industries in comparison with those for other industries, appear in Tables III and IV, pp. 1302 and 1381. See "General explanations," pp. 3–12; in particular, "Limitation of statistics to establishments reporting products valued at $5,000 or more," p. 5, "Power equipment," p. 6, "Cost of materials," p. 7, "Value added by manufacture," p. 8, and "State and city statistics," p. 10]

### BASKETS AND RATTAN AND WILLOW WARE, NOT INCLUDING FURNITURE

[*Principal products:* Baskets of all kinds; fruit, floral, berry, and truck packages; laundry and bushel hampers; coffee drums; splint and wicker trays; and, in general, small articles made of veneer, reed, rattan, and willow. (Rattan and willow furniture are treated as products of the furniture industry. See Table 5, p. 568)]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| *United States* | | | | | | | |
| 1925 | 230 | 6,808 | 12,794 | $5,032,572 | $6,767,651 | [1] $16,658,060 | $9,900,409 |
| 1923 | 215 | 5,838 | 11,474 | 4,453,469 | 6,118,809 | [1] 14,712,549 | 8,593,680 |
| 1921 | 198 | 4,795 | (2) | 3,651,485 | 5,230,368 | [1] 11,241,001 | 6,010,633 |
| 1919 | 375 | 4,533 | 6,319 | 3,369,086 | 4,904,241 | [1] 11,821,167 | 6,916,926 |
| *States, 1925* | | | | | | | |
| Alabama | 3 | 132 | 350 | 62,374 | 48,340 | 155,068 | 106,728 |
| Arkansas | 3 | 169 | 285 | 90,103 | 85,557 | 235,510 | 149,953 |
| California | 13 | 262 | 231 | 252,187 | 741,298 | 1,410,553 | 669,255 |
| Delaware | 6 | 414 | 510 | 230,565 | 330,374 | 698,030 | 367,656 |
| Florida | 3 | 224 | 380 | 82,928 | 54,075 | 209,362 | 155,287 |
| Georgia | 3 | 341 | 550 | 114,082 | 130,973 | 400,862 | 269,889 |
| Illinois | 6 | 72 | 123 | 53,103 | 129,553 | 330,286 | 200,733 |
| Indiana | 12 | 795 | 1,354 | 547,740 | 527,598 | 1,593,731 | 1,066,133 |
| Maryland | 13 | 333 | 611 | 206,822 | 242,811 | 580,783 | 337,972 |
| Massachusetts | 6 | 277 | 241 | 253,109 | 433,507 | 877,317 | 443,810 |
| Michigan | 16 | 377 | 1,423 | 346,521 | 462,807 | 1,063,905 | 601,098 |
| Missouri | 3 | 15 | 5 | 13,069 | 8,535 | 41,370 | 32,835 |
| New Jersey | 15 | 293 | 829 | 251,857 | 564,884 | 1,059,019 | 494,135 |
| New York | 62 | 1,053 | 2,117 | 955,570 | 1,414,842 | 3,406,083 | 1,991,241 |
| North Carolina | 5 | 158 | 291 | 102,802 | 116,683 | 306,582 | 189,899 |
| Ohio | 19 | 439 | 994 | 429,340 | 203,049 | 929,705 | 636,656 |
| Pennsylvania | 13 | 283 | 136 | 229,593 | 442,423 | 971,170 | 528,747 |
| Texas | 5 | 424 | 775 | 243,422 | 287,788 | 860,743 | 572,955 |
| All other States [3] | 24 | 747 | 1,589 | 567,380 | 442,554 | 1,527,981 | 1,085,427 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of baskets 1925, $556,711; corresponding amounts for earlier years not calculated. Does not include values of baskets made as secondary products by establishments classified in other industries: 1925, $2,283,257; 1923, $1,151,242; 1921, $888,396; 1919, $951,731.

[2] Not called for on schedule.

[3] Connecticut, 1 establishment; Iowa, 4; Kansas, 2; Kentucky, 1; Louisiana, 1; Maine, 1; Minnesota, 1; New Hampshire, 2; Oregon, 1; Rhode Island, 1; Tennessee, 1; Vermont, 2; Virginia, 2; Washington, 1; Wisconsin, 3. Certain of these States reported larger values of products than some of the States shown separately.

## SUMMARY FOR INDUSTRIES IN GROUP 4 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 578]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| **BILLIARD AND POOL TABLES, BOWLING ALLEYS, AND ACCESSORIES** | | | | | | | |
| [*Principal products:* Billiard and pool tables, pockets, billiard cues, balls, chalk, chalk grips, and supplies; bowling alleys and accessories] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 33 | 1,037 | 2,120 | $1,354,004 | $1,780,623 | [1] $5,614,319 | $3,833,696 |
| 1923 | 32 | [2] 876 | 2,897 | [3] 1,400,590 | 2,228,920 | [1] 6,236,394 | 4,007,474 |
| 1921 | 36 | 925 | (4) | 1,056,978 | 3,377,473 | [1] 7,367,920 | 3,990,447 |
| 1919 | 49 | 2,101 | [5] 5,261 | 2,425,353 | 6,100,852 | [1] 15,733,047 | 9,632,195 |
| *States, 1925* | | | | | | | |
| Illinois | 4 | 30 | 15 | 30,277 | 118,300 | 205,169 | 86,779 |
| New York | 13 | 125 | 293 | 198,700 | 321,452 | 794,477 | 473,025 |
| Pennsylvania | 3 | 29 | 70 | 44,864 | 68,006 | 187,947 | 119,941 |
| All other States [6] | 13 | 853 | 1,742 | 1,080,163 | 1,272,775 | 4,426,726 | 3,153,951 |

[1] Does not include values of billiard and pool tables, bowling alleys, and accessories made as secondary products by establishments classified in other industries: 1925, $247,433; 1923, $327,716; 1921, $270,101; 1919, $297,568.

[2] Does not include 339 wage earners employed in repair work; data for such wage earners are included in statistics for 1925.

[3] Does not include $249,990 wages paid for repair work; data for such wages paid included in statistics for 1925.

[4] Not called for on schedule.

[5] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

[6] Maine, 1 establishment; Massachusetts, 3; Michigan, 2; New Jersey, 1; Ohio, 3; Vermont, 1; Virginia, 1; Wisconsin, 1. One of these States reported a larger value of products than any of the States for which figures are given in the table.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **BOXES, CIGAR, WOODEN** | | | | | | | |
| [The manufacture of wooden boxes in which cigars are packed] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 155 | 4,836 | 5,210 | $3,966,578 | $5,450,395 | [1] $12,024,806 | $7,474,411 |
| 1923 | 170 | 5,101 | 6,054 | 4,170,639 | 6,249,422 | [1] 14,796,255 | 8,546,833 |
| 1921 | 171 | 4,657 | (2) | 3,728,362 | 6,778,439 | [1] 14,316,954 | 7,538,515 |
| 1919 | 189 | 5,218 | [3] 5,009 | 3,512,236 | 6,336,540 | [1] 13,110,213 | 6,773,673 |
| *States, 1925* | | | | | | | |
| California | 6 | 70 | 102 | 57,497 | 66,609 | 190,425 | 123,816 |
| Florida | 8 | 677 | 1,118 | 600,501 | 758,875 | 1,948,550 | 1,189,675 |
| Illinois | 8 | 122 | 102 | 122,172 | 144,101 | 439,577 | 295,476 |
| Indiana | 7 | 137 | 211 | 96,028 | 174,048 | 365,608 | 191,560 |
| Iowa | 4 | 22 | 32 | 10,156 | 30,620 | 76,753 | 46,133 |
| Louisiana | 3 | 53 | 102 | 45,251 | 53,256 | 166,749 | 113,493 |
| Maryland | 4 | 110 | 107 | 81,147 | 93,412 | 321,305 | 227,893 |
| Michigan | 9 | 324 | 204 | 196,079 | 265,037 | 649,327 | 384,290 |
| New Jersey | 5 | 141 | 170 | 149,585 | 190,676 | 460,795 | 270,119 |
| New York | 14 | 624 | 660 | 678,992 | 642,071 | 1,681,397 | 1,039,326 |
| Ohio | 18 | 324 | 454 | 230,877 | 293,517 | 802,702 | 509,185 |
| Pennsylvania | 47 | 1,804 | 1,444 | 1,356,184 | 2,138,289 | 4,530,445 | 2,392,156 |
| All other States [4] | 22 | 428 | 444 | 332,209 | 599,884 | 1,291,173 | 691,289 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of wooden cigar boxes: 1925, $266,702; corresponding amounts for earlier years not calculated. Does not include values of wooden cigar boxes made as secondary products by establishments classified in other industries: 1925, $841,525; 1923, $733,407; 1921, $827,132; 1919, $814,082.

[2] Not called for on schedule.

[3] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

[4] Connecticut, 1 establishment; Colorado, 1; Georgia, 1; Kansas, 1; Kentucky, 2; Massachusetts, 2; Minnesota, 2; Missouri, 3; New Hampshire, 1; South Carolina, 1; Texas, 2; Utah, 1; Washington, 1; West Virginia, 1; Wisconsin, 2. Certain of these States reported larger values of products than some of the States shown separately.

## SUMMARY FOR INDUSTRIES IN GROUP 4 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 578]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| **CASKETS, COFFINS, BURIAL CASES, AND MORTICIANS' GOODS** | | | | | | | |
| [*Principal products:* Caskets and coffins, whether of wood, of metal, or of other materials; shipping or outside cases; undertakers' supplies and accessories, such as burial garments, robes, shrouds, dresses and suits, shoes and slippers, casket linings and draperies, ambulance baskets, door draperies, lowering devices, trucks, embalming tables, and embalming fluids] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 326 | 11,479 | 29,164 | $14,056,507 | $32,771,236 | [1] $70,412,687 | $37,641,451 |
| 1923 | 327 | 11,593 | 27,340 | 13,333,645 | 31,541,179 | [1] 65,557,821 | 34,016,642 |
| 1921 | 314 | 9,956 | (2) | 10,585,816 | 27,016,789 | [1] 54,795,673 | 27,778,884 |
| 1919 | 351 | 11,890 | [3] 22,190 | 11,450,957 | 31,595,287 | [1] 64,377,133 | 32,781,846 |
| *States, 1925* | | | | | | | |
| Alabama | 5 | 121 | 368 | $111,436 | $288,677 | $701,807 | $413,130 |
| Arkansas | 3 | 119 | 360 | 85,228 | 292,350 | 580,150 | 287,800 |
| California | 16 | 209 | 624 | 450,763 | 1,451,045 | 2,476,829 | 1,025,784 |
| Colorado | 8 | 40 | 152 | 47,703 | 159,828 | 379,997 | 220,169 |
| Connecticut | 5 | 44 | 53 | 54,101 | 304,334 | 706,549 | 402,215 |
| Georgia | 9 | 189 | 636 | 171,053 | 460,563 | 930,696 | 470,133 |
| Illinois | 22 | 960 | 2,122 | 1,457,212 | 3,363,858 | 7,137,969 | 3,774,111 |
| Indiana | 20 | 696 | 1,542 | 762,200 | 1,663,973 | 3,435,278 | 1,771,305 |
| Iowa | 11 | 289 | 949 | 330,504 | 691,593 | 1,549,289 | 857,696 |
| Kansas | 5 | 65 | 87 | 75,706 | 250,440 | 482,545 | 232,105 |
| Maine | 5 | 61 | 307 | 73,853 | 163,343 | 337,736 | 174,393 |
| Massachusetts | 12 | 379 | 1,443 | 503,912 | 1,254,649 | 2,541,183 | 1,286,534 |
| Michigan | 21 | 376 | 822 | 430,366 | 1,200,839 | 2,614,387 | 1,413,548 |
| Minnesota | 7 | 171 | 360 | 185,274 | 483,380 | 894,930 | 411,550 |
| Missouri | 15 | 548 | 1,393 | 657,006 | 1,378,746 | 3,318,186 | 1,939,440 |
| New Jersey | 7 | 111 | 317 | 173,198 | 298,308 | 726,727 | 428,329 |
| New York | 30 | 1,363 | 3,925 | 1,829,800 | 4,296,267 | 8,779,260 | 4,482,993 |
| North Carolina | 9 | 201 | 850 | 199,940 | 607,177 | 1,241,524 | 634,347 |
| Ohio | 19 | 1,212 | 3,128 | 1,628,090 | 3,862,771 | 8,235,584 | 4,372,813 |
| Pennsylvania | 31 | 1,867 | 3,712 | 2,360,826 | 4,481,776 | 10,812,255 | 6,330,479 |
| Tennessee | 10 | 624 | 1,105 | 583,290 | 1,527,256 | 3,031,048 | 1,503,792 |
| Texas | 6 | 331 | 841 | 350,769 | 793,600 | 1,687,943 | 894,343 |
| Virginia | 6 | 53 | 318 | 60,030 | 174,612 | 345,387 | 170,775 |
| Washington | 5 | 80 | 157 | 89,563 | 177,381 | 462,884 | 285,503 |
| Wisconsin | 10 | 404 | 1,015 | 451,450 | 839,262 | 1,957,302 | 1,118,040 |
| All other States [4] | 29 | 876 | 2,578 | 933,084 | 2,305,118 | 5,045,242 | 2,740,124 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of caskets, coffins, burial cases, and morticians' goods: 1925, $2,312,887; corresponding amounts for earlier years not calculated. Does not include values of caskets, etc., made as secondary products by establishments classified in other industries: 1925, $1,222,063; 1923, $794,206; 1921, $881,344; 1919, $1,983,878.

[2] Not called for on schedule.

[3] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

[4] Florida, 2 establishments; Kentucky, 5; Louisiana, 2; Maryland, 2; Mississippi, 1; Nebraska, 2; New Hampshire, 1; Oklahoma, 1; Oregon, 3; Rhode Island, 1; South Carolina, 3; Utah, 1; Vermont, 2; West Virginia, 3. Certain of these States reported larger values of products than some of the States shown separately.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **COOPERAGE** | | | | | | | |
| [*Principal products:* Barrels, casks, hogsheads, kegs, kits, pails, tierces, tanks, tubs, vats, and similar containers made of staves. (Staves, heading, and hoops—the cooperage stock—are products of the "Lumber and timber products" industry. See Tables 47 to 58, pp. 538 to 543.) Cooperage made and used in the same establishments as containers for commodities (oil, flour, nails, etc.) manufactured by these establishments as their principal products is not included except in the few cases where its value was separately reported] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 553 | 11,483 | 30,758 | $12,907,614 | $44,175,686 | [1] $67,734,662 | $23,558,976 |
| 1923 | 623 | 12,028 | 33,519 | 13,182,623 | 48,355,799 | [1] 73,134,009 | 24,778,210 |
| 1921 | 625 | 9,876 | (2) | 10,108,589 | 40,586,207 | [1] 56,633,404 | 16,047,197 |
| 1919 | 1,099 | 13,219 | [3] 30,688 | 14,082,224 | 58,520,655 | [1] 88,236,061 | 29,715,406 |

See footnotes on next page at end of this section

## SUMMARY FOR INDUSTRIES IN GROUP 4 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 578]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| **COOPERAGE—Continued** | | | | | | | |
| *States, 1925* | | | | | | | |
| California | 14 | 304 | 1,355 | $499,991 | $2,163,238 | $3,143,187 | $979,949 |
| Connecticut | 5 | 22 | 40 | 25,424 | 140,084 | 197,264 | 57,180 |
| Florida | 10 | 75 | 157 | 58,702 | 291,298 | 415,573 | 124,275 |
| Georgia | 14 | 113 | 203 | 122,191 | 719,596 | 987,872 | 268,276 |
| Illinois | 34 | 1,330 | 3,495 | 1,801,414 | 6,228,068 | 9,565,123 | 3,337,055 |
| Indiana | 10 | 89 | 114 | 114,291 | 537,911 | 770,648 | 232,737 |
| Iowa | 11 | 190 | 345 | 178,119 | 773,390 | 1,023,687 | 250,297 |
| Kansas | 6 | 133 | 355 | 185,278 | 547,643 | 836,007 | 288,364 |
| Kentucky | 11 | 697 | 2,451 | 547,462 | 2,029,807 | 3,026,655 | 996,758 |
| Louisiana | 11 | 750 | 1,636 | 570,262 | 2,763,988 | 3,665,703 | 901,715 |
| Maine | 8 | 40 | 115 | 55,831 | 248,764 | 331,699 | 82,935 |
| Maryland | 15 | 215 | 443 | 220,450 | 903,608 | 1,533,268 | 629,660 |
| Massachusetts | 13 | 334 | 1,563 | 362,699 | 1,137,065 | 2,095,639 | 958,574 |
| Michigan | 12 | 68 | 166 | 88,755 | 290,170 | 450,199 | 160,029 |
| Minnesota | 9 | 442 | 2,010 | 508,557 | 1,243,733 | 2,131,272 | 887,539 |
| Missouri | 19 | 585 | 1,201 | 645,856 | 1,995,172 | 3,157,957 | 1,162,785 |
| New Hampshire | 6 | 224 | 863 | 209,662 | 211,604 | 516,758 | 305,154 |
| New Jersey | 22 | 701 | 1,683 | 1,128,858 | 3,706,555 | 5,921,409 | 2,214,854 |
| New York | 86 | 756 | 1,146 | 999,175 | 3,742,345 | 5,554,307 | 1,811,962 |
| North Carolina | 9 | 32 | 59 | 21,296 | 179,787 | 220,237 | 40,450 |
| Ohio | 53 | 648 | 1,307 | 751,918 | 2,908,999 | 4,256,379 | 1,347,380 |
| Pennsylvania | 61 | 827 | 2,251 | 980,619 | 4,289,169 | 6,179,092 | 1,889,923 |
| Tennessee | 8 | 106 | 157 | 65,380 | 226,078 | 465,056 | 238,978 |
| Texas | 8 | 206 | 853 | 187,747 | 883,257 | 1,241,544 | 358,287 |
| Virginia | 37 | 1,061 | 1,721 | 955,306 | 1,609,955 | 2,916,785 | 1,306,830 |
| West Virginia | 31 | 96 | 37 | 113,596 | 424,639 | 635,770 | 211,131 |
| Wisconsin | 12 | 845 | 2,661 | 948,782 | 2,461,217 | 4,073,219 | 1,612,002 |
| All other States [4] | 19 | 594 | 2,371 | 556,993 | 1,518,456 | 2,422,353 | 903,897 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of cooperage: 1925, $1,529,188; corresponding amounts for earlier years not calculated. Does not include values of cooperage made as secondary products by establishments classified in other industries: 1925, $2,531,286; 1923, $2,256,178; 1921, $2,793,748; 1919, $5,686,425.

[2] Not called for on schedule.

[3] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

[4] Alabama, 2 establishments; Arkansas, 1; Colorado, 1; Delaware, 1; Nebraska, 1; Oklahoma, 1; Oregon, 2; Rhode Island, 2; South Carolina, 3; Vermont, 1; Washington, 4. Certain of these States reported larger values of products than some of the States shown.

## CORK PRODUCTS

[*Principal products:* Bottle corks, life preservers and buoys, cork board for insulation, cork flooring and tiling, and other articles made of cork, such as washers, disks, gaskets, caps, etc. For special statistics for cork products, see p. 688]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| *United States* | | | | | | | |
| 1925 | 33 | 3,297 | 11,084 | $3,538,263 | $7,268,711 | [1] $16,020,309 | $8,751,598 |
| 1923 | 39 | 3,478 | 10,052 | 3,594,204 | 8,045,577 | [1] 15,566,455 | 7,520,878 |
| 1921 | 45 | 2,774 | [2] | 2,672,289 | 6,773,301 | [1] 12,967,708 | 6,194,407 |
| 1919 | 62 | 3,545 | [3] 8,556 | 3,387,114 | 9,134,950 | [1] 16,282,239 | 7,147,289 |
| *States, 1925* | | | | | | | |
| New Jersey | 9 | 818 | 4,137 | 967,842 | 1,801,587 | 4,302,273 | 2,500,686 |
| New York | 17 | 904 | 1,259 | 850,127 | 2,021,114 | 3,997,881 | 1,976,767 |
| All other States [4] | 7 | 1,575 | 5,688 | 1,720,294 | 3,446,010 | 7,720,155 | 4,274,145 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of cork products: 1925, $249,498; corresponding amounts for earlier years not calculated. Does not include values of cork products made as secondary products by establishments classified in other industries: 1925, $1,147,252; 1923, $1,083,433; 1921, $669,860; 1919, $143,910.

[2] Not called for on schedule.

[3] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

[4] Illinois, 3 establishments; Massachusetts, 1; Pennsylvania, 3. One of these States reported a larger value of products than any of the States for which figures are given in the table.

## SUMMARY FOR INDUSTRIES IN GROUP 4 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 578]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| **EXCELSIOR** | | | | | | | |
| [*Principal products:* Excelsior, wood wool, and excelsior pads, wrappers, etc. For special statistics for wood used in the manufacture of excelsior and quantity and value of products, see p. 588] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 72 | 1,300 | 11,993 | $1,179,667 | $2,573,016 | [1] $4,901,085 | $2,328,069 |
| 1923 | 75 | 1,285 | 10,939 | 1,205,204 | 2,765,841 | [1] 5,361,830 | 2,595,989 |
| 1921 | 79 | 1,087 | (2) | 978,186 | 2,754,731 | [1] 4,213,214 | 1,458,483 |
| 1919 | 95 | 1,242 | [3] 10,332 | 1,144,503 | 2,521,967 | [1] 4,913,450 | 2,391,483 |
| *States, 1925* | | | | | | | |
| Georgia | 3 | 78 | 409 | 38,014 | 127,843 | 235,893 | 108,050 |
| New Hampshire | 7 | 51 | 1,102 | 54,076 | 153,468 | 240,278 | 86,810 |
| New York | 9 | 66 | 904 | 65,728 | 121,047 | 251,878 | 130,831 |
| Virginia | 14 | 174 | 2,145 | 126,110 | 213,304 | 453,558 | 240,194 |
| Wisconsin | 9 | 346 | 2,325 | 345,737 | 792,855 | 1,364,758 | 571,903 |
| All other States [4] | 30 | 585 | 5,108 | 549,402 | 1,164,439 | 2,354,720 | 1,190,281 |
| **LASTS AND RELATED PRODUCTS** | | | | | | | |
| [*Principal products:* Lasts for boots and shoes, shoe-trees, shoe stretchers, display forms for boots and shoes, patterns, etc.] | | | | | | | |
| *United States* | | | | | | | |
| 1925 | 62 | 2,035 | 7,512 | $3,012,136 | $3,049,014 | [1] $9,301,105 | $6,252,091 |
| 1921 | 64 | 2,258 | 6,995 | 3,122,737 | 3,196,640 | [1] 9,899,925 | 6,703,285 |
| 1923 | 67 | 2,618 | (2) | 3,492,152 | 4,335,965 | [1] 12,377,360 | 8,041,395 |
| 1919 | 64 | 2,910 | [3] 5,589 | 3,415,950 | 3,932,662 | [1] 12,470,539 | 8,537,877 |
| *States, 1925* | | | | | | | |
| Massachusetts | 31 | 894 | 3,116 | 1,231,130 | 1,330,198 | 4,076,620 | 2,737,422 |
| Missouri | 4 | 158 | 541 | 241,005 | 291,364 | 813,595 | 522,231 |
| New Jersey | 3 | 74 | 443 | 122,195 | 76,004 | 256,771 | 180,767 |
| New York | 11 | 451 | 1,922 | 702,517 | 643,251 | 2,001,834 | 1,358,583 |
| Pennsylvania | 4 | 78 | 293 | 94,661 | 73,019 | 293,107 | 220,088 |
| All other States [4] | 9 | 380 | 1,197 | 570,619 | 626,178 | 1,859,178 | 1,233,000 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of excelsior: 1925, $56,365; corresponding amounts for earlier years not calculated. Does not include values of excelsior made as secondary products by establishments classified in other industries: 1925, $75,135; 1923, $145,909; 1921, $139,285; 1919, $120,066.

[2] Not called for on schedule.

[3] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

[4] Alabama, 2 establishments; Arkansas, 2; California, 1; Colorado, 1; Florida, 1; Indiana, 2; Kentucky, 1; Louisiana, 1; Maine, 1; Massachusetts, 1; Michigan, 4; Minnesota, 1; Mississippi, 1; Missouri, 2; New Jersey, 1; North Carolina, 2; Oregon, 1; Pennsylvania, 1; Tennessee, 2; Utah, 1; Washington, 1. Two of these States reported larger values of products than some of the States shown separately.

[1] Does not include values of lasts and related products made as secondary products by establishments classified in other industries: 1925, $762,375; 1923, $511,960; 1921, $702,461; 1919, $186,614.

[2] Not called for on schedule.

[3] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outisde the plant and transmitted into the plant by belt, cable, or shaft).

[4] Illinois, 1 establishment; Indiana, 1; Maine, 1; New Hampshire, 2; Ohio, 3; Wisconsin, 1. Two of these States reported larger values of products than some of the States for which figures are given in the table.

## SUMMARY FOR INDUSTRIES IN GROUP 4 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 578]

### MATCHES

*Principal products:* Matches of all kinds, such as "strike anywhere," "safety," "book," and "block." For special statistics for products, see p. 588]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| *United States* | | | | | | | |
| 1925 | 25 | 4,027 | 16,314 | $4,706,871 | $12,913,267 | $23,741,469 | $10,828,202 |
| 1923 | 22 | 4,712 | 15,388 | 4,424,742 | 11,786,382 | 23,940,064 | 12,153,682 |
| 1921 | 22 | 4,639 | (1) | 4,280,438 | 13,239,571 | 30,273,873 | 17,034,302 |
| 1919 | 21 | 3,726 | 12,947 | 3,059,537 | 6,852,970 | 18,495,876 | 11,642,906 |
| *States, 1925* | | | | | | | |
| Ohio | 5 | 1,723 | 6,085 | 2,041,041 | 5,160,901 | 10,680,671 | 5,519,770 |
| All other States[2] | 20 | 2,904 | 10,229 | 2,665,230 | 7,752,366 | 13,060,798 | 5,308,432 |

[1] Not called for on schedule.
[2] California, 2 establishments; Georgia, 1; Illinois, 1; Indiana, 1; Massachusetts, 1; Michigan, 1; Minnesota, 2; New Hampshire, 1; New Jersey, 1; New York, 3; Pennsylvania, 2; Washington, 1; West Virginia, 1; Wisconsin, 2.

### MIRROR AND PICTURE FRAMES

[*Principal products:* Frames, chiefly of wood, for mirrors, pictures, photographs, and medallions; framed pictures and picture-frame moldings. Establishments engaged in framing pictures, etc., to individual order are not included]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| *United States* | | | | | | | |
| 1925 | 162 | 4,230 | 6,102 | $5,645,706 | $6,834,953 | [1] $19,169,907 | $12,334,954 |
| 1923 | 223 | 4,496 | 4,497 | 5,761,320 | 6,178,448 | [1] 18,641,496 | 12,463,048 |
| 1921 | 259 | 3,846 | (2) | 4,879,454 | 5,643,719 | [1] 15,448,208 | 9,804,489 |
| 1919 | 429 | 4,708 | [3] 4,650 | 4,775,227 | 7,227,232 | [1] 18,384,562 | 11,157,330 |
| *States, 1925* | | | | | | | |
| California | 8 | 129 | 112 | 176,776 | 281,459 | 711,038 | 429,579 |
| Illinois | 36 | 2,235 | 3,137 | 3,007,136 | 3,112,419 | 9,369,240 | 6,256,821 |
| Maryland | 6 | 80 | 28 | 76,037 | 368,857 | 536,300 | 166,533 |
| Massachusetts | 20 | 198 | 161 | 245,774 | 285,444 | 831,013 | 545,569 |
| Missouri | 5 | 36 | 106 | 46,025 | 70,539 | 162,836 | 92,297 |
| New York | 47 | 984 | 797 | 1,034,545 | 1,392,710 | 3,776,318 | 2,383,608 |
| Ohio | 5 | 250 | 685 | 348,968 | 390,616 | 1,138,679 | 748,063 |
| Pennsylvania | 12 | 153 | 255 | 163,369 | 320,474 | 652,948 | 332,474 |
| All other States [4] | 23 | 465 | 821 | 547,076 | 612,435 | 1,992,445 | 1,380,010 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of mirror and picture frames: 1925, $320,541; corresponding amounts for earlier years not calculated. Does not include values of mirror and picture frames made as secondary products by establishments classified in other industries: 1925, $174,998; 1923, $248,191; 1921, $238,008; 1919, $180,519.
[2] Not called for on schedule.
[3] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).
[4] Colorado, 1 establishment; Connecticut, 2; Georgia, 1; Indiana, 3; Maine, 1; Michigan, 2; Minnesota, 1; New Jersey, 2; Oklahoma, 1; Oregon, 2; Rhode Island, 1; Utah, 1; Washington, 3; West Virginia, 1; Wisconsin, 1. One of these States reported a larger value of products than some of the States for which figures are given in the table.

## SUMMARY FOR INDUSTRIES IN GROUP 4 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 578]

### PULP GOODS

[*Principal products:* Pails, dishes, trays, fiber canisters, tubs, and boxes; vulcanized tubing, sheets, etc. The pulp-goods industry formerly included the manufacture of wall board, other than gypsum wall board, now classified under "Wall plaster, wall board, and floor composition," and therefore the statistics for 1921 and prior years are not comparable with those for 1925 and 1923]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| *United States* | | | | | | | |
| 1925 [1] | 35 | 3,017 | 11,338 | $3,767,333 | $10,286,201 | [2] $20,270,005 | $9,983,804 |
| 1923 [1] | 40 | 3,648 | 13,605 | 4,089,761 | 11,208,769 | [2] 20,435,852 | 9,227,083 |
| 1921 [1] | 60 | 4,718 | (3) | 5,621,612 | 16,252,330 | [2] 31,213,154 | 14,960,824 |
| 1919 [1] | 40 | 3,041 | 12,273 | 3,608,314 | 11,381,072 | [2] 23,608,403 | 12,226,431 |
| *States, 1925* | | | | | | | |
| Delaware | 10 | 1,287 | 2,933 | 1,690,760 | 3,806,417 | 8,293,973 | 4,487,556 |
| Massachusetts | 5 | 48 | 161 | 47,618 | 179,071 | 322,341 | 143,270 |
| All other States [4] | 20 | 1,682 | 8,244 | 2,028,955 | 6,300,713 | 11,653,691 | 5,352,978 |

[1] Because of the exclusion, for 1925 and 1923, of data for wall board, other than gypsum wall board, which was formerly treated as a product of the "Wall plaster, wall board, and floor composition" industry, the statistics for 1921 and prior years are not comparable with those for 1925 and 1923.

[2] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of pulp goods: 1925, $10,000; corresponding amounts for earlier years not calculated. Does not include values of pulp goods made as secondary products by establishments classified in other industries: 1925, $255,683; 1923, $60,260.

[3] Not called for on schedule.

[4] Illinois, 3 establishments; Maine, 3; New Hampshire, 2; New Jersey, 2; New York, 3; Ohio, 2; Pennsylvania, 2; Rhode Island, 1; Virginia, 1; Wisconsin, 1. Four of these States reported larger values of products than 1 of the States for which figures are given in the table.

### REFRIGERATORS, ICE

[*Principal products:* Ice refrigerators, ice boxes, and refrigerating show cases, counters, and cabinets]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| *United States* | | | | | | | |
| 1925 | 167 | 9,360 | 23,297 | $12,588,982 | $24,744,336 | [1] $57,665,842 | $32,921,506 |
| 1923 | 132 | 8,485 | 17,136 | 10,732,610 | 21,694,669 | [1] 50,076,444 | 28,381,775 |
| 1921 | 116 | 5,804 | (2) | 7,160,594 | 16,313,562 | [1] 33,010,226 | 16,696,664 |
| 1919 | 122 | 5,786 | [3] 13,029 | 5,809,351 | 11,948,972 | [1] 26,048,808 | 14,099,836 |
| *States, 1925* | | | | | | | |
| California | 15 | 104 | 751 | 372,108 | 577,433 | 1,412,716 | 835,283 |
| Illinois | 10 | 431 | 1,249 | 642,830 | 1,334,991 | 2,479,782 | 1,144,791 |
| Indiana | 6 | 501 | 1,042 | 676,492 | 1,458,903 | 4,872,084 | 3,413,721 |
| Iowa | 3 | 159 | 227 | 245,751 | 336,238 | 983,709 | 647,471 |
| Massachusetts | 11 | 188 | 260 | 266,409 | 499,274 | 1,221,514 | 722,240 |
| Michigan | 11 | 2,632 | 5,336 | 3,195,210 | 6,817,944 | 14,430,649 | 7,612,705 |
| Missouri | 11 | 504 | 1,399 | 878,976 | 1,589,846 | 4,565,219 | 2,975,373 |
| New Jersey | 6 | 211 | 439 | 329,921 | 472,411 | 1,239,462 | 767,051 |
| New York | 34 | 919 | 2,051 | 1,507,871 | 2,743,296 | 6,186,134 | 3,442,838 |
| Ohio | 9 | 306 | 1,289 | 444,554 | 977,173 | 2,136,153 | 1,158,980 |
| Pennsylvania | 11 | 468 | 1,721 | 807,969 | 1,917,036 | 3,549,786 | 1,632,750 |
| Vermont | 3 | 232 | 680 | 240,448 | 486,134 | 1,068,637 | 582,503 |
| Wisconsin | 8 | 737 | 1,590 | 706,281 | 1,548,785 | 3,520,198 | 1,971,413 |
| All other States [4] | 29 | 1,878 | 5,263 | 2,274,212 | 3,984,812 | 9,990,199 | 6,014,387 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of ice refrigerators: 1925, $3,146,182; corresponding amounts for earlier years not calculated. Does not include values of refrigerators made as secondary products by establishments classified in other industries: 1925, $1,848,813; 1923, $832,530; 1921, $587,412; 1919, $815,455.

[2] Not called for on schedule.

[3] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

[4] Colorado, 2 establishments; Connecticut, 1; Georgia, 2; Kentucky, 1; Louisiana, 1; Maine, 2; Minnesota, 5; Nebraska, 1; New Hampshire, 1; Oregon, 1; Tennessee, 5; Texas, 3; Virginia, 1; Washington, 2; West Virginia, 1. Two of these States reported larger values of products than some of the States for which figures are given in the table.

## SUMMARY FOR INDUSTRIES IN GROUP 4 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 578]

### WINDOW AND DOOR SCREENS AND WEATHER STRIPS

[*Principal products:* Window screens, door screens, and weather strips, irrespective of the materials used]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| *United States* | | | | | | | |
| 1925 | 183 | 3,803 | 10,674 | $4,687,461 | $9,545,351 | [1]$22,397,907 | $12,852,556 |
| 1923 | 165 | 3,687 | 9,515 | 4,196,519 | 9,565,525 | [1] 21,256,148 | 11,690,623 |
| 1921 | 157 | 2,129 | [2] | 2,655,825 | 6,102,420 | [1] 12,037,778 | 5,935,358 |
| 1919 | 214 | 2,170 | [3] 7,515 | 2,046,768 | 4,897,389 | [1] 10,932,857 | 6,035,468 |
| *States, 1925* | | | | | | | |
| California | 12 | 127 | 592 | 198,881 | 347,066 | 766,855 | 419,789 |
| Colorado | 3 | 22 | 27 | 33,489 | 35,447 | 92,220 | 56,773 |
| Connecticut | 5 | 47 | 130 | 75,508 | 129,399 | 291,614 | 162,215 |
| Illinois | 34 | 346 | 772 | 535,825 | 1,394,572 | 3,079,790 | 1,685,218 |
| Indiana | 5 | 16 | 60 | 19,389 | 26,455 | 65,101 | 38,646 |
| Louisiana | 6 | 35 | 78 | 43,031 | 56,107 | 128,569 | 72,462 |
| Maryland | 4 | 65 | 70 | 91,882 | 80,798 | 269,424 | 188,626 |
| Massachusetts | 16 | 142 | 333 | 194,300 | 310,969 | 728,247 | 417,278 |
| Michigan | 9 | 358 | 1,071 | 384,322 | 1,125,816 | 2,630,448 | 1,504,632 |
| Missouri | 12 | 160 | 441 | 237,514 | 523,658 | 1,257,221 | 733,563 |
| New York | 13 | 187 | 430 | 298,020 | 479,843 | 1,152,710 | 672,867 |
| Ohio | 12 | 353 | 870 | 455,391 | 774,940 | 2,006,327 | 1,231,387 |
| Pennsylvania | 10 | 210 | 723 | 285,210 | 554,917 | 1,223,207 | 668,290 |
| Texas | 6 | 84 | 228 | 96,839 | 164,374 | 382,061 | 217,687 |
| All other States [4] | 36 | 1,651 | 4,840 | 1,737,860 | 3,540,990 | 8,324,113 | 4,783,123 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of window and door screens and weather strips: 1925, $2,065,507; corresponding amounts for earlier years not calculated. Does not include values of window and door screens and weather strips made as secondary products by establishments classified in other industries: 1925, $8,568,542; 1923, $953,502; 1921, $865,688; 1919, $968,750.

[2] Not called for on schedule.

[3] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

[4] Arkansas, 1 establishment; District of Columbia, 1; Florida, 1; Georgia, 2; Iowa, 1; Kansas, 1; Kentucky, 4; Maine, 1; Minnesota, 2; Nebraska, 1; New Hampshire, 1; New Jersey, 5; North Carolina, 2; Oklahoma, 3; Rhode Island, 1; Tennessee, 3; Vermont, 1; Virginia, 3; Washington, 1; Wisconsin, 1. Certain of these States reported larger values of products than some of the States shown separately.

### WOOD PRESERVING

[*Principal products:* Wooden articles treated to prevent decay, such as treated plugs, blocks, ties, posts, poles, piling, lumber, shingles, etc.]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| *United States* | | | | | | | |
| 1925 | 131 | 8,416 | 33,521 | $6,605,973 | $66,709,471 | [1]$91,184,381 | $24,474,910 |
| 1923 | 103 | 6,520 | 37,998 | 6,878,258 | 50,138,913 | [1] 71,082,869 | 20,943,956 |
| 1921 | 78 | 4,153 | [2] | 4,501,849 | 34,432,474 | [1] 47,421,997 | 12,989,523 |
| 1919 | 73 | 3,978 | [3] 16,104 | 4,342,277 | 23,241,858 | [1] 33,239,313 | 9,997,455 |
| *States, 1925* | | | | | | | |
| California | 8 | 195 | 978 | 274,914 | 3,289,477 | 3,762,877 | 473,400 |
| Florida | 3 | 305 | 1,535 | 263,805 | 2,802,611 | 3,730,824 | 928,213 |
| Georgia | 5 | 463 | 1,189 | 304,250 | 2,903,432 | 3,828,825 | 925,393 |
| Illinois | 11 | 857 | 3,012 | 951,454 | 2,986,694 | 5,148,217 | 2,161,523 |
| Indiana | 6 | 274 | 1,245 | 305,777 | 1,208,513 | 2,237,216 | 938,703 |
| Kentucky | 3 | 286 | 573 | 354,207 | 1,843,924 | 2,479,402 | 635,478 |
| Louisiana | 8 | 497 | 3,852 | 508,621 | 4,147,873 | 5,737,099 | 1,589,226 |
| Michigan | 4 | 184 | 463 | 248,689 | 878,694 | 1,631,510 | 752,816 |
| Minnesota | 7 | 354 | 626 | 372,348 | 2,818,129 | 3,928,569 | 1,110,440 |
| Mississippi | 6 | 624 | 2,360 | 663,492 | 3,558,336 | 5,274,577 | 1,716,242 |
| Missouri | 4 | 163 | 702 | 199,024 | 1,209,227 | 1,942,948 | 733,721 |
| New York | 5 | 307 | 657 | 513,531 | 2,947,759 | 4,427,915 | 1,480,156 |
| Ohio | 7 | 481 | 1,290 | 647,960 | 3,038,896 | 4,612,102 | 1,573,206 |

See footnotes on next page at end of this session

## SUMMARY FOR INDUSTRIES IN GROUP 4 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 578]

### WOOD PRESERVING—Continued

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| *States, 1925*—Continued | | | | | | | |
| Pennsylvania | 5 | 102 | 588 | $159,573 | $3,802,201 | $4,325,164 | $522,963 |
| Texas | 9 | 1,280 | 6,570 | 1,362,157 | 10,299,350 | 14,568,112 | 4,268,762 |
| Virginia | 5 | 335 | 1,040 | 330,776 | 2,423,527 | 2,959,428 | 535,901 |
| Washington | 7 | 164 | 1,704 | 224,818 | 1,308,846 | 1,943,722 | 634,876 |
| All other States [4] | 28 | 1,545 | 5,137 | 1,860,582 | 15,151,083 | 18,645,874 | 3,493,891 |

[1] Does not include values of wood preserving done by establishments classified in other industries: 1925, $28,810; 1923, $60,306; 1921, $83,542; 1919, $242,850.

[2] Not called for on schedule.

[3] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

[4] Alabama, 2 establishments; Arkansas, 1; Connecticut, 1; Idaho, 3; Massachusetts, 2; Montana, 1; New Hampshire, 1; New Jersey, 3; New Mexico, 2; North Carolina, 1; Oklahoma, 1; Oregon, 3; Tennessee, 2; West Virginia, 1; Wisconsin, 2; Wyoming, 2. Four of these States reported larger values of products than some of the States for which figures are given in the table.

### WOOD, TURNED AND CARVED

*Principal products:* Bobbins, bungs, brush blocks, dowels, handles, rollers, spools, and other turned wooden articles and wood carvings

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| *United States* | | | | | | | |
| 1925 | 521 | 10,352 | 44,664 | $10,189,965 | $15,575,623 | [1]$35,490,581 | $19,914,958 |
| 1923 | 519 | 11,286 | 43,368 | 10,025,511 | 17,055,428 | [1] 38,077,098 | 21,021,670 |
| 1921 | 528 | 9,144 | (2) | 8,614,750 | 15,530,268 | [1] 31,322,040 | 15,791,772 |
| 1919 | 722 | 10,649 | [3] 39,722 | 9,307,242 | 16,609,215 | [1] 34,847,139 | 18,237,924 |
| *States, 1925* | | | | | | | |
| Alabama | 3 | 51 | 235 | 34,722 | 60,497 | 124,886 | 64,389 |
| Arkansas | 22 | 552 | 1,888 | 349,627 | 586,894 | 1,548,981 | 962,087 |
| California | 12 | 50 | 226 | 89,977 | 64,777 | 247,091 | 182,314 |
| Connecticut | 13 | 147 | 1,039 | 161,481 | 197,721 | 491,368 | 293,647 |
| Georgia | 6 | 134 | 633 | 92,156 | 177,918 | 425,318 | 247,400 |
| Illinois | 28 | 502 | 2,112 | 615,078 | 826,229 | 2,005,214 | 1,178,985 |
| Indiana | 19 | 470 | 2,356 | 461,498 | 1,025,747 | 1,976,832 | 951,085 |
| Kentucky | 6 | 289 | 828 | 335,141 | 521,863 | 1,263,622 | 741,759 |
| Maine | 57 | 1,500 | 6,203 | 1,373,013 | 2,097,993 | 4,431,195 | 2,333,202 |
| Maryland | 3 | 57 | 224 | 45,957 | 96,830 | 192,700 | 95,870 |
| Massachusetts | 34 | 804 | 2,612 | 813,030 | 1,093,028 | 2,493,712 | 1,400,684 |
| Michigan | 30 | 802 | 2,919 | 931,459 | 1,121,585 | 3,111,604 | 1,990,019 |
| Mississippi | 5 | 121 | 327 | 66,495 | 136,766 | 339,464 | 202,698 |
| Missouri | 13 | 196 | 1,114 | 192,423 | 404,862 | 815,305 | 410,443 |
| New Hampshire | 18 | 356 | 2,122 | 337,105 | 396,132 | 962,237 | 566,105 |
| New Jersey | 20 | 177 | 557 | 190,271 | 221,853 | 613,581 | 391,728 |
| New York | 53 | 409 | 2,374 | 571,317 | 680,348 | 1,820,770 | 1,140,422 |
| North Carolina | 11 | 165 | 808 | 124,230 | 169,241 | 446,222 | 276,981 |
| Ohio | 28 | 568 | 2,467 | 628,865 | 1,050,923 | 2,264,596 | 1,213,673 |
| Oregon | 5 | 16 | 315 | 20,329 | 35,774 | 84,731 | 48,957 |
| Pennsylvania | 44 | 811 | 3,174 | 887,708 | 1,174,621 | 2,745,800 | 1,571,179 |
| Tennessee | 23 | 743 | 3,660 | 616,589 | 1,374,617 | 2,873,752 | 1,499,135 |
| Texas | 3 | 42 | 365 | 34,257 | 61,276 | 129,959 | 68,683 |
| Vermont | 25 | 469 | 2,575 | 423,151 | 598,377 | 1,350,157 | 751,780 |
| Virginia | 10 | 143 | 1,066 | 105,571 | 190,000 | 402,630 | 212,630 |
| Wisconsin | 8 | 116 | 456 | 108,104 | 166,255 | 360,908 | 194,743 |
| All other States [4] | 22 | 572 | 1,910 | 580,911 | 1,043,496 | 1,967,256 | 923,760 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of wood, turned and carved: 1925, $691,404; corresponding amounts for earlier years not calculated. Does not include values of wood, turned and carved, made as secondary products by establishments classified in other industries: 1925, $2,618,304; 1923, $1,469,025; 1921, $984,874; 1919, $2,508,836.

[2] Not called for on schedule.

[3] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

[4] Florida, 1 establishment; Iowa, 1; Louisiana, 4; Minnesota, 2; Oklahoma, 1; Rhode Island, 5; South Carolina, 2; Washington, 3; West Virginia, 3. Certain of these States reported larger values of products than some of the States for which figures are given in the table.

## SUMMARY FOR INDUSTRIES IN GROUP 4 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 578]

### WOODEN GOODS, NOT ELSEWHERE CLASSIFIED

*Principal products:* All wooden goods not classified in other industries; in particular, articles for kitchen, dairy, laundry, and miscellaneous uses, such as dishes, trays, bowls, meat boards, rolling-pins, butter bowls and dishes, toothpicks, chopping bowls, washboards, clothespins, ironing boards and tables, grain measures, tailors' pressing blocks, flagpoles, ladders, etc.]

| YEAR AND STATE | Number of establishments | Wage earners (average number) | Horsepower | Wages | Cost of materials | Value of products | Value added by manufacture |
|---|---|---|---|---|---|---|---|
| *United States* | | | | | | | |
| 1925 | 200 | 4,596 | 20,446 | $4,672,427 | $9,060,303 | [1] $20,237,514 | $11,177,211 |
| 1923 | 196 | 5,727 | 22,438 | 5,133,626 | 10,292,152 | [1] 21,733,624 | 11,441,472 |
| 1921 | 196 | 5,492 | (2) | 4,902,295 | 9,938,455 | [1] 20,230,973 | 10,292,518 |
| 1919 | 245 | 6,443 | [3] 25,874 | 5,661,674 | 10,173,353 | [1] 21,793,261 | 11,619,908 |
| *States, 1925* | | | | | | | |
| California | 17 | 144 | 461 | 150,661 | 296,525 | 680,294 | 383,769 |
| Connecticut | 4 | 26 | 107 | 26,817 | 54,156 | 117,641 | 63,485 |
| Illinois | 16 | 209 | 617 | 256,670 | 637,067 | 1,230,790 | 593,723 |
| Indiana | 12 | 395 | 1,406 | 356,290 | 814,232 | 1,669,929 | 855,697 |
| Maine | 13 | 540 | 2,809 | 484,299 | 914,029 | 1,746,977 | 832,948 |
| Maryland | 4 | 45 | 212 | 31,528 | 61,415 | 133,716 | 72,301 |
| Massachusetts | 15 | 272 | 1,294 | 306,044 | 622,998 | 1,228,762 | 605,764 |
| Michigan | 14 | 488 | 3,066 | 428,847 | 1,019,624 | 2,367,450 | 1,347,826 |
| Missouri | 3 | 17 | 279 | 21,899 | 70,460 | 166,924 | 96,464 |
| New Hampshire | 4 | 20 | 266 | 15,537 | 18,119 | 44,861 | 26,742 |
| New Jersey | 7 | 58 | 70 | 58,387 | 248,543 | 379,293 | 130,750 |
| New York | 28 | 724 | 2,939 | 988,965 | 1,543,562 | 3,579,302 | 2,035,740 |
| Ohio | 17 | 431 | 1,642 | 468,732 | 990,367 | 2,266,350 | 1,275,983 |
| Pennsylvania | 20 | 347 | 1,411 | 318,425 | 434,350 | 1,155,914 | 721,555 |
| Vermont | 8 | 144 | 1,041 | 101,184 | 140,552 | 355,678 | 215,126 |
| Wisconsin | 3 | 42 | 225 | 37,588 | 79,591 | 166,685 | 87,094 |
| All other States [4] | 15 | 685 | 2,601 | 620,554 | 1,114,704 | 2,946,948 | 1,832,244 |

[1] Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of wooden goods: 1925, $1,080,216; corresponding amounts for earlier years not calculated. Does not include values of wooden goods, not elsewhere classified, made as secondary products by establishments classified in other industries: 1925, $1,828,519; 1923, $2,448,812; 1921, $925,256; 1919, $3,007,054.

[2] Not called for on schedule.

[3] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

[4] Delaware, 1 establishment; Iowa, 1; Minnesota, 2; North Carolina, 3; Oregon, 2; South Carolina, 2; Tennessee, 1; Washington, 2; West Virginia, 1. Certain of these States reported larger values of products than some of the States for which figures are given in the table.

## CIGAR BOXES.—NUMBER AND VALUE OF WOODEN CIGAR BOXES MANUFACTURED, FOR SPECIFIED STATES: 1925

[See "Boxes, cigar, wooden," p. 579]

| STATE | Number [1] | Value |
|---|---|---|
| United States | 88,702,749 | $12,360,444 |
| California | 1,189,829 | 172,425 |
| Florida | 11,310,628 | 1,828,891 |
| Maryland | 1,786,843 | 318,594 |
| New Jersey | 3,457,226 | 460,795 |
| New York | 8,718,952 | 1,666,993 |
| Ohio | 6,473,948 | 796,002 |
| Pennsylvania | 36,719,765 | 4,361,070 |
| All other States | 19,045,558 | 2,755,674 |

[1] Estimated in part. About three-fourths of the total value of cigar boxes manufactured was reported by manufacturers whose returns showed both number and value. The average value per box was calculated, for each State, from the reports giving both number and value, and these averages were used as bases for estimating the production of manufacturers who reported value only. No separate figures are given for those States from which the returns as to number were lacking to so great an extent as to render an estimate untrustworthy.

## CORK PRODUCTS.—VALUE OF CORK PRODUCTS MANUFACTURED, BY KINDS, FOR THE UNITED STATES: 1925 AND 1923

[See "Cork products," p. 581]

| KIND | 1925 | 1923 |
|---|---|---|
| Total | $16,055,309 | $15,566,455 |
| Cork stoppers and bottle closures | 6,738,524 | 5,200,146 |
| Cork insulation products | 5,984,705 | 5,263,456 |
| Cork specialties | 2,387,310 | 3,804,618 |
| Cork stoppers and bottle closures, insulation products, and specialties, not reported separately | 723,210 | 837,903 |
| All other products | 221,560 | 460,332 |

## EXCELSIOR.—WOOD CONSUMED IN THE MANUFACTURE OF EXCELSIOR, BY KINDS, AND THE QUANTITY OF EXCELSIOR PRODUCED: 1925

[See "Excelsior," p. 582]

| STATE | Number of establishments | WOOD CONSUMED (CORDS) | | | | | Excelsior produced (tons of 2,000 pounds) |
|---|---|---|---|---|---|---|---|
| | | Total | Cottonwood | Yellow pine | Basswood | All other [1] | |
| United States | [2] 69 | 187,554 | 104,617 | 57,245 | 23,037 | 2,655 | [3] 194,880 |
| Alabama and Florida | 3 | 7,647 | 32 | 7,560 | 20 | 35 | 9,906 |
| Arkansas, Louisiana, and Mississippi | 4 | 15,795 | 200 | 15,295 | ---- | 300 | 10,166 |
| Colorado, Oregon, Utah, and Washington | 4 | 5,905 | 5,895 | ---- | ---- | 10 | 5,018 |
| Georgia | 3 | 6,144 | ---- | 6,144 | ---- | ---- | 6,094 |
| Indiana, Kentucky, and Missouri | 5 | 4,658 | 2,737 | 221 | ---- | 1,700 | 4,697 |
| Michigan | 4 | 27,368 | 27,368 | ---- | ---- | ---- | 26,498 |
| New Hampshire | 7 | 9,664 | 9,564 | ---- | 100 | ---- | 11,001 |
| New York | 9 | 7,268 | 5,039 | ---- | 2,220 | ---- | 8,252 |
| North Carolina and Tennessee | 4 | 5,540 | ---- | 5,140 | ---- | 400 | 6,765 |
| Virginia | 14 | 22,885 | ---- | 22,885 | ---- | ---- | 28,700 |
| Wisconsin | 9 | 66,763 | 50,835 | ---- | 15,928 | ---- | 63,807 |
| All other States [4] | 3 | 7,917 | 2,947 | ---- | 4,760 | 210 | 7,985 |

[1] Yellow poplar, lodgepole pine, and willow.
[2] Exclusive of 3 establishments using excelsior as materials in the manufacture of pads and wrappers.
[3] Includes approximately 40,000 tons (estimated in part) of excelsior produced and used in establishments manufacturing excelsior pads, wrappers, etc.
[4] Maine, Minnesota, and Pennsylvania.

## MATCHES.—BY QUANTITY AND VALUE, 1925, AND BY VALUE, 1923, FOR THE UNITED STATES

[See "Matches," p. 583]

| | 1925 | 1923 |
|---|---|---|
| Matches, total value | $23,609,810 | $23,839,271 |
| Quantity— | | |
| Cases | 1,824,918 | (1) |
| Gross boxes | 22,339,144 | (1) |
| Value— | | |
| Cases | $8,512,897 | (1) |
| Gross boxes | $15,096,913 | (1) |
| Other products | $131,659 | $100,793 |

[1] Data not available.

# Group 5.—LEATHER AND ITS MANUFACTURES

## THE GROUP AS A WHOLE

[Preliminary reports for certain industries of this group were issued as follows: Boot and shoe cut stock, December 6, 1926; pocketbooks, purses, and cardcases, January 8, 1927; leather belting, January 11, 1927; leather, tanned, curried, and finished, January 11, 1927; boots and shoes, other than rubber, January 15, 1927; trunks, suitcases, and bags, January 20, 1927; boot and shoe findings, January 24, 1927; leather gloves and mittens, January 27, 1927; saddlery and harness, February 10, 1927]

The leather group is made up of 10 industries, namely: (1) Leather: Tanned, curried, and finished; (2) Boots and shoes, other than rubber; (3) Boot and shoe cut stock, not made in boot and shoe factories; (4) Boot and shoe findings, not made in boot and shoe factories; (5) Leather gloves and mittens; (6) Trunks, suitcases, and bags; (7) Saddlery and harness; (8) Leather belting; (9) Pocketbooks, purses, and cardcases; (10) Leather goods, not elsewhere classified. The products of the first-named industry are used as basic materials by all the others, and the products of the third and fourth industries are used as materials by the second.

**Duplication in group totals for cost of materials and value of products.**—The cost-of-materials and value-of-products figures for the leather-industries group as a whole include a considerable amount of duplication resulting from the use of the products of establishments in certain industries as materials by establishments in other industries. In other words, the total value of products for the group includes not only the factory value of the finished products in the form on which they reach the final purchaser but also the value of the products of the "Leather: Tanned, curried, and finished" industry, which are used as materials in the other leather industries, and the value of the products of the "Boot and shoe cut stock" and "Boot and shoe findings" industries, which are used as materials in the boot and shoe industry proper. Similarly, the total cost of materials for the group includes not only the cost of the hides and other basic raw materials produced outside the leather group and used as materials by tanneries but also the amounts paid for tannery products and for boot and shoe cut stock and boot and shoe findings by establishments which use these products as materials for further manufacture. Furthermore, there is reduplication in the case of boot and shoe cut stock not made and consumed in boot and shoe factories; for the value of the leather used in making such stock appears three times in the total value of products for the group—once as reported by the tanneries, again as a part of the value of the cut stock, and still again as a part of the value of finished boots and shoes. Within any one of the industries, however, there is little duplication resulting from the use of the products of some establishments as materials by others.

**Quantities of products.**—No detailed data as to the quantities and values of individual products or classes of products are collected at the Biennial Census of Manufactures for the industries in the leather group; but statistics of products by class and quantity for the "Leather: Tanned, curried, and finished" industry and the "Boot and shoe" industry have been compiled from the monthly census of hides, skins, and leather, taken under the act of Congress approved June 5, 1920, and are presented in Table 4, page 593, and Table 4, page 600.

## SUMMARY FOR GROUP 5, LEATHER AND ITS MANUFACTURES: 1919 TO 1925

[Data for establishments reporting products valued at less than $5,000 are included in the figures for 1919 but not in those for subsequent years]

| INDUSTRY | Census year | Number of establishments | Wage earners (average number) | Wages | Cost of materials | Value of products | Value added by manufacture | Horsepower |
|---|---|---|---|---|---|---|---|---|
| | | | | Expressed in thousands of dollars | | | | |
| Total | 1925 | 4,264 | 315,288 | 356,246 | 1,015,123 | 1,767,581 | 752,458 | 413,759 |
| | 1923 | 4,868 | 344,545 | 388,630 | 1,083,345 | 1,880,085 | 796,740 | 412,998 |
| | 1921 | 4,813 | 280,071 | 314,412 | 934,398 | 1,544,186 | 609,788 | (1) |
| | 1919 | 6,397 | 349,302 | 363,453 | 1,713,806 | 2,610,231 | 896,425 | 382,537 |
| Leather: Tanned, curried, and finished. | 1925 | 532 | 53,043 | 66,762 | 306,634 | 462,014 | 155,380 | 222,078 |
| | 1923 | 597 | 59,703 | 73,784 | 321,750 | 488,898 | 167,148 | 230,187 |
| | 1921 | 608 | 48,955 | 57,741 | 277,725 | 383,365 | 105,640 | (1) |
| | 1919 | 680 | 72,476 | 88,205 | 646,521 | 928,592 | 282,071 | 217,761 |
| *Finished products of leather* | 1925 | 3,732 | 262,245 | 289,484 | 708,489 | 1,305,567 | 597,078 | 191,681 |
| | 1923 | 4,271 | 284,842 | 314,846 | 761,505 | 1,391,187 | 629,502 | 182,811 |
| | 1921 | 4,205 | 231,116 | 256,671 | 656,673 | 1,160,821 | 504,148 | (1) |
| | 1919 | 5,717 | 276,886 | 275,248 | 1,067,285 | 1,681,639 | 614,354 | 164,776 |
| Belting | 1925 | 168 | 2,644 | 3,505 | 18,868 | 31,811 | 12,943 | 6,889 |
| | 1923 | 169 | 3,160 | 3,895 | 24,569 | 37,723 | 13,154 | 9,075 |
| | 1921 | 164 | 2,268 | 2,842 | 13,076 | 19,168 | 6,092 | (1) |
| | 1919 | 172 | 2,765 | 3,260 | 28,157 | 40,481 | 12,324 | 7,012 |
| Boot and shoe cut stock, not made in boot and shoe factories. | 1925 | 244 | 7,197 | 7,978 | 65,046 | 84,220 | 18,574 | 7,859 |
| | 1923 | 227 | 7,133 | 7,115 | 68,563 | 89,291 | 20,728 | 6,063 |
| | 1921 | 226 | 7,049 | 7,613 | 56,923 | 72,692 | 15,769 | (1) |
| | 1919 | 252 | 9,715 | 9,125 | 133,887 | 161,203 | 27,316 | 8,448 |
| Boot and shoe findings, not made in boot and shoe factories. | 1925 | 326 | 8,605 | 9,695 | 29,248 | 52,064 | 22,816 | 15,419 |
| | 1923 | 364 | 7,865 | 8,274 | 27,653 | 48,012 | 20,359 | 12,825 |
| | 1921 | 344 | 5,917 | 6,609 | 22,931 | 39,117 | 16,186 | (1) |
| | 1919 | 427 | 8,941 | 8,187 | 40,428 | 62,825 | 22,397 | 9,970 |
| Boots and shoes, other than rubber. | 1925 | 1,460 | 206,992 | 225,788 | 481,632 | 925,383 | 443,751 | 130,569 |
| | 1923 | 1,606 | 225,216 | 250,346 | 527,457 | 1,000,078 | 472,621 | 128,550 |
| | 1921 | 1,505 | 183,502 | 204,954 | 478,432 | 867,476 | 389,044 | (1) |
| | 1919 | 1,449 | 211,049 | 210,735 | 715,209 | 1,155,041 | 439,772 | 116,886 |
| Gloves and mittens | 1925 | 247 | 8,378 | 7,814 | 20,021 | 37,164 | 17,143 | 3,852 |
| | 1923 | 260 | 10,910 | 8,545 | 20,224 | 38,081 | 17,857 | 4,372 |
| | 1921 | 272 | 7,907 | 5,843 | 13,844 | 24,855 | 11,011 | (1) |
| | 1919 | 355 | 10,685 | 8,151 | 26,286 | 46,941 | 20,655 | 3,288 |
| Leather goods, not elsewhere classified. | 1925 | 364 | 6,685 | 7,396 | 20,474 | 40,512 | 20,038 | 3,223 |
| | 1923 | 401 | 7,882 | 8,944 | 19,596 | 40,134 | 20,538 | 4,902 |
| | 1921 | 482 | 8,557 | 10,329 | 23,698 | 47,715 | 24,017 | (1) |
| | 1919 | 503 | 8,945 | 9,415 | 30,036 | 52,953 | 22,917 | 3,840 |
| Pocketbooks, purses, and cardcases. | 1925 | 190 | 6,826 | 9,022 | 22,442 | 43,105 | 20,663 | 1,356 |
| | 1923 | 207 | 5,518 | 7,291 | 16,236 | 32,732 | 16,496 | 1,094 |
| | 1921 | 115 | 2,715 | 3,224 | 6,221 | 13,085 | 6,864 | (1) |
| | 1919 | 139 | 2,905 | 3,062 | 7,557 | 14,550 | 6,993 | 431 |
| Saddlery and harness | 1925 | 258 | 4,570 | 5,060 | 18,776 | 30,084 | 11,308 | 5,021 |
| | 1923 | 472 | 6,617 | 6,916 | 24,460 | 42,113 | 17,653 | 7,761 |
| | 1921 | 593 | 4,489 | 4,997 | 17,665 | 30,164 | 12,499 | (1) |
| | 1919 | 1,823 | 10,411 | 10,849 | 52,443 | 83,713 | 31,270 | 8,205 |
| Trunks, suitcases, and bags | 1925 | 475 | 10,348 | 13,226 | 31,382 | 61,224 | 29,842 | 7,893 |
| | 1923 | 505 | 11,441 | 13,520 | 32,837 | 63,023 | 30,186 | 7,269 |
| | 1921 | 504 | 8,712 | 10,260 | 23,883 | 46,549 | 22,666 | (1) |
| | 1919 | 597 | 11,470 | 12,464 | 33,222 | 63,932 | 30,710 | 7,696 |

[1] Not called for on schedule.

# LEATHER: TANNED, CURRIED, AND FINISHED

[A preliminary report for this industry was issued under date of January 11, 1927]

**Description of the industry.**—This industry designation covers tanneries manufacturing leather from hides and skins of all kinds, domestic and imported, and establishments engaged in the currying and finishing of leather. All the products of this industry are used as materials for further manufacture, largely in the other leather industries but to some extent also in the motor-vehicle, carriage and wagon, furniture, and bookbinding industries and other industries outside the leather group.

Some large tanneries operate almost entirely on a contract basis. In such cases an effort was made to secure data as to the value of the finished products, and it is only in the less important cases that the value of products reported represents merely the amounts received for contract tanning.

**Decrease in number of establishments.**—In 1923 the industry was represented by 597 establishments, the decrease to 532 in 1925 being the net result of a loss of 126 establishments and a gain of 61. Of the 126 establishments lost to the industry, 55 had gone out of business before the beginning of 1925, 59 were idle, and 12 reported products valued at less than $5,000. (See sec. 10, p. 5.)

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

Data for establishments with products under $5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5]

| YEAR OR PERIOD | Number of establishments | Wage earners (average number) | Wages | Paid for contract work | Cost of materials [1] | Value of products | Value added by manufacture [2] | Horsepower |
|---|---|---|---|---|---|---|---|---|
| 1925 | 532 | 53,043 | $66,762,077 | $2,030,984 | $306,633,977 | $462,013,572 | $155,379,595 | 222,678 |
| 1923 | 597 | 59,703 | 78,784,340 | 2,098,615 | 321,749,551 | 488,807,835 | 167,148,284 | 230,187 |
| 1921 | 608 | 48,955 | 57,740,510 | 1,552,572 | 277,724,919 | 383,365,048 | 105,640,129 | [3] |
| 1919 | 680 | 72,476 | 88,205,473 | 2,337,011 | 646,521,527 | 928,591,701 | 282,070,174 | [4] 217,761 |
| 1914 | 741 | 55,036 | 31,914,497 | 1,152,642 | 284,245,420 | 367,201,705 | 82,956,285 | [4] 171,734 |
| | PER CENT OF INCREASE OR DECREASE (—) | | | | | | | |
| 1923–1925 | —10.9 | —11.2 | —9.5 | —2.5 | —4.7 | —5.5 | —7.0 | —3.3 |
| 1921–1923 | —1.8 | 22.0 | 27.8 | 73.8 | 15.9 | 27.5 | 58.2 | |
| 1921–1925 | —12.5 | 8.5 | 15.6 | 69.5 | 10.4 | 20.5 | 47.1 | |
| 1914–1925 | —28.2 | —5.2 | 109.2 | 128.3 | 7.9 | 25.8 | 87.3 | 29.7 |

[1] Including also cost of fuel, electric power, and tannery supplies.
[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)
[3] Not called for on schedule.
[4] These figures differ slightly from the corresponding ones published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric. (See footnote 1, Table 3, p. 593.)

## TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

[Some of the States for which no figures are given in this table reported larger numbers of wage earners than some of those for which statistics are shown. See headnote, Table 5, p. 595]

| STATE | Average number employed during year | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June |
| United States: | | | | | | | |
| 1925 [1] | 53,043 | 53,187 | 54,061 | 54,681 | 53,029 | 52,011 | 51,636 |
| 1923 [1] | 59,703 | 61,297 | 62,352 | 62,291 | 61,584 | 60,744 | 60,209 |
| 1921 [1] | 48,955 | *50,440* | 41,021 | 43,438 | 44,734 | 47,020 | 50,053 |
| 1919 [1] | 72,476 | 65,519 | *65,516* | 65,979 | 67,423 | 69,655 | 72,725 |
| California | 1,138 | 1,231 | 1,223 | 1,192 | 1,134 | 1,033 | 1,013 |
| Connecticut | 158 | 167 | 167 | 161 | 149 | 141 | 135 |
| Delaware | 2,251 | 2,020 | 2,141 | 2,287 | 2,131 | 2,172 | 2,097 |
| Illinois | 3,843 | 3,684 | 3,784 | 3,860 | 3,928 | 3,760 | 3,677 |
| Indiana | 294 | 290 | 290 | 297 | 298 | 289 | 284 |
| Kentucky | 464 | 444 | 442 | 455 | 469 | 496 | 512 |
| Maine | 149 | 181 | 182 | 190 | 171 | 166 | 155 |
| Maryland | 543 | 461 | 492 | 519 | 534 | 538 | 577 |
| Massachusetts | 10,438 | 10,955 | 11,202 | 11,340 | 10,584 | 10,236 | 9,904 |
| Michigan | 2,039 | 2,021 | 2,019 | 2,105 | 2,142 | 2,085 | 2,032 |
| Missouri | 225 | 203 | 198 | 210 | 210 | 211 | 210 |
| New Jersey | 4,319 | 4,482 | 4,524 | 4,568 | 4,402 | 4,169 | 3,982 |
| New York | 5,964 | 6,032 | 6,138 | 6,082 | 5,843 | 5,745 | 5,818 |
| North Carolina | 1,020 | 1,047 | 1,036 | 1,049 | 1,066 | 1,070 | 1,086 |
| Ohio | 1,460 | 1,500 | 1,493 | 1,481 | 1,447 | 1,440 | 1,404 |
| Oregon | 40 | 43 | 43 | 40 | 41 | 40 | 40 |
| Pennsylvania | 8,534 | 8,261 | 8,359 | 8,567 | 8,454 | 8,506 | 8,591 |
| Tennessee | 438 | 468 | 473 | 471 | 491 | 482 | 496 |
| Virginia | 1,030 | 974 | 975 | 1,000 | 1,041 | 1,084 | 1,106 |
| West Virginia | 1,203 | 1,242 | 1,236 | 1,235 | 1,289 | 1,306 | 1,374 |
| Wisconsin | 5,494 | 5,349 | 5,470 | 5,508 | 5,282 | 5,090 | 5,240 |

| STATE | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|
| | July | August | September | October | November | December |
| United States: | | | | | | |
| 1925 [1] | *51,278* | 52,402 | 53,288 | 53,861 | 53,593 | 53,484 |
| 1923 [1] | 59,540 | 59,145 | 58,040 | 57,720 | 57,189 | *56,527* |
| 1921 [1] | 52,101 | 52,973 | 53,594 | 53,722 | 54,303 | 54,458 |
| 1919 [1] | 72,902 | 77,202 | 77,586 | 77,855 | 78,341 | 79,010 |
| California | 1,054 | 1,138 | 1,179 | 1,173 | 1,153 | 1,131 |
| Connecticut | 137 | 140 | 162 | 169 | 179 | 183 |
| Delaware | 2,131 | 2,235 | 2,350 | 2,401 | 2,418 | 2,661 |
| Illinois | 3,652 | 3,826 | 3,941 | 3,951 | 4,033 | 4,016 |
| Indiana | 279 | 283 | 288 | 300 | 313 | 311 |
| Kentucky | 495 | 474 | 465 | 454 | 447 | 414 |
| Maine | 98 | 147 | 139 | 126 | 116 | 112 |
| Maryland | 548 | 570 | 573 | 598 | 562 | 547 |
| Massachusetts | 9,728 | 10,087 | 10,349 | 10,573 | 10,217 | 10,074 |
| Michigan | 1,993 | 2,007 | 2,082 | 2,042 | 1,992 | 1,946 |
| Missouri | 233 | 224 | 228 | 248 | 255 | 267 |
| New Jersey | 4,019 | 4,151 | 4,252 | 4,377 | 4,459 | 4,446 |
| New York | 5,825 | 5,958 | 5,955 | 6,059 | 6,112 | 6,002 |
| North Carolina | 997 | 989 | 994 | 975 | 945 | 990 |
| Ohio | 1,404 | 1,438 | 1,489 | 1,482 | 1,473 | 1,468 |
| Oregon | 40 | 37 | 40 | 39 | 39 | 39 |
| Pennsylvania | 8,443 | 8,419 | 8,734 | 8,809 | 8,743 | 8,522 |
| Tennessee | 484 | 451 | 350 | 343 | 373 | 372 |
| Virginia | 1,073 | 1,077 | 1,042 | 1,032 | 981 | 977 |
| West Virginia | 1,273 | 1,228 | 1,189 | 1,084 | 1,019 | 967 |
| Wisconsin | 5,409 | 5,561 | 5,564 | 5,651 | 5,751 | 5,988 |

[1] Month of maximum employment indicated by bold-faced figures and that of minimum employment by *italic* figures. Per cent which minimum forms of maximum: 1925, 93.8; 1923, 90.3; 1921, 72.4; 1919, 82.9.

TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

| TYPE | 1925 | | 1923 | | 1919 | |
|---|---|---|---|---|---|---|
| | Number | Horsepower | Number | Horsepower | Number | Horsepower |
| Prime movers, total | 6,930 | 222,678 | 7,112 | 230,187 | 5,663 | [1] 217,761 |
| Steam engines | 722 | 97,241 | 909 | 142,920 | 1,116 | 124,891 |
| Steam turbines | 57 | 48,346 | | | 123 | 25,909 |
| Internal-combustion engines | 37 | 3,011 | 35 | 2,965 | 69 | 6,438 |
| Water wheels and turbines | 44 | 2,047 | 21 | 903 | 26 | 2,029 |
| Electric motors driven by purchased current | 6,070 | 72,033 | 6,147 | 83,309 | 4,329 | 58,494 |
| Electric motors, total | 15,340 | 169,576 | 12,242 | 158,935 | 10,601 | 143,935 |
| Driven by purchased current | 6,070 | 72,033 | 6,147 | 83,309 | 4,329 | 58,494 |
| Driven by current generated in establishment reporting | 9,270 | 97,543 | 6,095 | 75,626 | 6,272 | 85,441 |
| | | *Kilowatts* | | *Kilowatts* | | *Kilowatts* |
| Electric generators | 282 | 79,545 | [2] | [2] | [2] | [2] |

[1] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).
[2] Not called for on schedule.

TABLE 4.—PRODUCTS, BY CLASS AND QUANTITY, FOR THE UNITED STATES: 1925, 1924, AND 1923

| CLASS | | 1925 | 1924 | 1923 |
|---|---|---|---|---|
| Sole and belting leather: | | | | |
| Sole—cattle, total | backs, bends, and sides | 14,878,644 | 14,640,005 | 18,732,180 |
| Hemlock | backs, bends, and sides | | | 35 |
| Oak and union | backs, bends, and sides | 14,327,037 | 14,079,996 | 18,103,554 |
| Chrome | backs, bends, and sides | 551,607 | 560,009 | 628,591 |
| Sole—horse (chrome) | whole butts | 141,039 | 194,230 | 260,568 |
| Belting butts, rough | butts and butt bends | 808,815 | (1) | (1) |
| Offal, total | pounds | 109,873,327 | 104,938,076 | 135,166,967 |
| Heads | pounds | 10,553,650 | 9,268,929 | 13,690,287 |
| Bellies | pounds | 68,908,656 | 66,692,999 | 91,685,486 |
| Shoulders | pounds | 28,905,269 | 27,388,045 | 28,219,182 |
| All other | pounds | 1,505,752 | 1,588,103 | 1,572,012 |
| Harness leather, total | sides | 1,288,075 | 1,268,876 | 1,555,449 |
| Union black | sides | 543,362 | 545,367 | 658,997 |
| Oak black | sides | 743,960 | 722,329 | 894,166 |
| Russet | sides | 753 | 1,180 | 2,286 |
| Bag, case, and strap leather | sides | 1,175,125 | 1,055,986 | 1,199,765 |
| Skirting leather | sides | 77,914 | 100,466 | 142,044 |
| Collar leather | sides | 580,826 | 584,894 | 785,700 |
| Latigo leather | sides | 25,339 | 24,485 | 31,787 |
| Lace leather | sides | 169,632 | 186,762 | 211,058 |
| Welting leather: | | | | |
| Cattle (sides and shoulders) | pounds | 9,623,047 | (1) | (1) |
| Pigskin strips [2] | pounds | 1,585,237 | 1,412,202 | 2,814,132 |
| Upholstery leather, total | pieces | 1,573,212 | 1,707,738 | 2,047,315 |
| Whole-hide grains | hides | 462,918 | 465,829 | 490,276 |
| Buffings (russet) | hides | 114,975 | 142,136 | 74,452 |
| Machine buffed | hides | 163,425 | 182,690 | 253,044 |
| Main splits | pieces | 527,441 | 614,388 | 1,229,543 |
| Second splits | pieces | 304,453 | 302,695 | |
| Upper leather (other than patent): | | | | |
| Cattle (including kip side), total | sides | 15,338,014 | 14,329,304 | 18,570,726 |
| Chrome | sides | 13,587,413 | 12,580,794 | 16,181,346 |
| Dress shoe, blacks | sides | 2,126,876 | 1,946,278 | 1,863,341 |
| Dress shoe, colors | sides | 8,145,970 | 7,660,386 | 10,570,962 |
| Work shoe | sides | 3,314,567 | 2,974,130 | 3,747,043 |

See footnotes at end of table

TABLE 4.—PRODUCTS, BY CLASS AND QUANTITY, FOR THE UNITED STATES: 1925, 1924, AND 1923—Continued

| CLASS | 1925 | 1924 | 1923 |
|---|---|---|---|
| Upper leather (other than patent)—Continued. | | | |
| Cattle (including kip side)—Continued. | | | |
| Combination (chrome and vegetable)—sides | 1,422,016 | 1,524,210 | 1,944,420 |
| Dress shoe—sides | 26,167 | 3,716 | 848 |
| Work shoe—sides | 1,395,849 | 1,520,494 | 1,943,572 |
| Vegetable—sides | 318,322 | 195,141 | 301,069 |
| Dress shoe, blacks—sides | 139,997 | 57,019 | 56,475 |
| Dress shoe, colors—sides | 43,408 | 30,070 | 79,539 |
| Work shoe—sides | 129,917 | 107,452 | 165,055 |
| Foreign tanned—sides | 10,203 | 29,219 | 143,801 |
| Calf, total—skins | 12,707,466 | 15,003,828 | 16,621,568 |
| Blacks—skins | 3,165,876 | 4,812,639 | 5,774,990 |
| Colors—skins | 9,541,590 | 10,191,189 | 10,846,572 |
| Kip (except kip side)—whole skins | 913,308 | 976,718 | 1,382,998 |
| Blacks—whole skins | 267,190 | 231,167 | 257,932 |
| Colors—whole skins | 646,618 | 745,551 | 1,124,166 |
| Goat and kid—skins | 40,887,003 | 34,041,212 | 46,536,656 |
| Cabretta—skins | 2,412,316 | 2,379,839 | 2,695,694 |
| Sheep and lamb, total—skins | 14,124,093 | 18,147,693 | 19,270,762 |
| Blacks—skins | 2,147,115 | 5,113,693 | 7,008,735 |
| Colors—skins | 11,976,978 | 13,034,000 | 11,362,027 |
| Deer and elk—skins | 353,910 | 255,897 | 402,576 |
| Kangaroo and wallaby—skins | 819,533 | 1,105,221 | 1,282,706 |
| Horse, colt, ass, and mule— | | | |
| Half and whole fronts—equivalent half fronts | 108,245 | 111,378 | 197,906 |
| Butts—whole butts | 254,874 | 397,347 | 570,045 |
| Shanks—shanks | 240,675 | 241,892 | 331,285 |
| Patent leather (other than upholstery):[3] | | | |
| Cattle (including kip side)—sides | 8,628,323 | 8,853,986 | 5,655,530 |
| Calf and kip—skins | 4,979 | 39,789 | 103,069 |
| Goat and kid—skins | 991,254 | 864,751 | 445,623 |
| Horse and colt—equivalent half fronts | 683,754 | 801,925 | 1,079,880 |
| Glove leather: | | | |
| Cattle grains (including foreign-tanned kip)—sides | 66,761 | 70,971 | 113,479 |
| Calf and kip—skins | 1,328 | 4,230 | 22,256 |
| Horse, colt, ass, and mule— | | | |
| Half and whole fronts—equivalent half fronts | 1,146,261 | 999,980 | 929,690 |
| Butts—whole butts | 100,160 | 47,166 | 270,712 |
| Shanks—shanks | 1,011,289 | 1,164,607 | 1,619,389 |
| Pig and hog—skins | 114,209 | 89,313 | 86,881 |
| Goat and kid—skins | 66,674 | 51,452 | 80,833 |
| Cabretta—skins | 1,677,606 | 1,197,175 | 1,428,471 |
| Sheep and lamb—skins | 5,320,007 | 5,561,060 | 7,789,190 |
| Deer and elk—skins | 665,404 | 573,680 | 540,449 |
| Fancy and bookbinders' leather: | | | |
| Cowhide—sides | 302,283 | 283,153 | 232,086 |
| Buffings (finished)—hides | 89,020 | 99,950 | 196,949 |
| Goat and kid—skins | 540,541 | 337,635 | 290,657 |
| Cabretta—skins | 93,273 | 174,490 | 50,400 |
| Sheep and lamb—skins | 1,984,360 | 2,847,460 | 2,987,199 |
| Calf—skins | 203,532 | 386,088 | 242,127 |
| Kip—skins | 45,855 | 43,877 | 38,987 |
| Pig and hog—skins | 91,022 | 58,951 | 33,244 |
| Seal—skins | 321,038 | 256,313 | 228,320 |
| Splits (other than upholstery)—pieces | 19,699,954 | 16,054,971 | 19,544,730 |
| Miscellaneous leather: | | | |
| Sheep and lamb— | | | |
| Shearlings—skins | 1,984,876 | 1,978,035 | 2,559,295 |
| Roller leather—skins | 848,865 | 737,799 | 1,008,837 |
| Skivers, total—dozens | 391,992 | 404,315 | 462,372 |
| Hat sweats—dozens | 117,593 | 131,961 | 140,488 |
| Other skivers—dozens | 274,399 | 272,354 | 321,884 |
| Fleshers, total—dozens | 326,559 | 322,447 | 314,508 |
| Chamois—dozens | 256,056 | 267,003 | 264,935 |
| Other fleshers—dozens | 70,503 | 55,444 | 49,573 |
| Sheep and lamb, not elsewhere specified—skins | 4,117,358 | 4,656,826 | 4,631,495 |
| Rawhide— | | | |
| Cattle—sides | 6,459 | 5,896 | 4,093 |
| Calf and kip—skins | 719 | 1,349 | 3,882 |
| Rough leather (including grains)—equivalent sides | 48,246 | 41,204 | 68,064 |
| Rough splits— | | | |
| Side splits—sides | 3,418,438 | 3,348,986 | 4,394,187 |
| Whole splits—whole splits | 157,688 | 117,360 | 121,841 |
| Butt splits—butts | 294,803 | 361,467 | 284,415 |

[1] No comparable data.
[2] Includes fancy strips.
[3] Patent leather (other than upholstery) includes considerable duplication due to the reporting of the same leather by merchant tanners and by contract japanners.

## TABLE 5.—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately]

| STATE | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY | | | | Horsepower |
|---|---|---|---|---|---|---|
| | | Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | |
| United States | 532 | 58,005 | 202 | [1] 4,760 | 53,043 | 222,678 |
| California | 19 | 1,272 | 9 | 125 | 1,138 | 4,902 |
| Connecticut | 5 | 184 | ---- | 26 | 158 | 445 |
| Delaware | 13 | 2,378 | 8 | 119 | 2,251 | 5,940 |
| Illinois | 25 | 4,189 | 19 | 327 | 3,843 | 17,275 |
| Indiana | 8 | 332 | 9 | 29 | 294 | 1,130 |
| Kentucky | 8 | 515 | 1 | 50 | 464 | 2,116 |
| Maine | 5 | 161 | 1 | 11 | 149 | 1,037 |
| Maryland | 4 | 583 | ---- | 40 | 543 | 2,055 |
| Massachusetts | 118 | 11,614 | 47 | 1,129 | 10,438 | 40,510 |
| Michigan | 14 | 2,169 | ---- | 130 | 2,039 | 8 532 |
| Missouri | 8 | 270 | ---- | 45 | 225 | 1,109 |
| New Jersey | 60 | 4,796 | 18 | 459 | 4,319 | 19,960 |
| New York | 69 | 6,409 | 48 | 397 | 5,964 | 27,377 |
| North Carolina | 11 | 1,211 | 2 | 189 | 1,020 | 5,003 |
| Ohio | 17 | 1,608 | 6 | 142 | 1,460 | 6,090 |
| Oregon | 5 | 48 | 3 | 5 | 40 | 296 |
| Pennsylvania | 72 | 9,201 | 20 | 647 | 8,534 | 34,132 |
| Tennessee | 5 | 456 | 2 | 16 | 438 | 2,507 |
| Virginia | 10 | 1,068 | ---- | 38 | 1,030 | 4,359 |
| West Virginia | 11 | 1,250 | ---- | 47 | 1,203 | 4,909 |
| Wisconsin | 21 | 6,024 | 2 | 528 | 5,494 | 19,972 |
| All other States [2] | 24 | 2,267 | 7 | 261 | 1,999 | 13,022 |

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products | Value added by manufacture [3] |
|---|---|---|---|---|---|---|
| United States | [1] $13,497,510 | $66,762,077 | $2,630,984 | $306,633,977 | [4] $462,013,572 | $155,379,595 |
| California | 417,723 | 1,543,968 | ---- | 6,852,813 | 10,508,296 | 3,655,483 |
| Connecticut | 92,020 | 210,007 | ---- | 952,378 | 1,479,251 | 526,873 |
| Delaware | 389,614 | 2,583,988 | 772 | 11,505,391 | 16,989,208 | 5,483,817 |
| Illinois | 1,260,053 | 5,072,944 | 259,527 | 22,908,260 | 34,422,056 | 11,513,796 |
| Indiana | 77,700 | 320,498 | ---- | 1,857,306 | 2,819,563 | 962,257 |
| Kentucky | 112,687 | 447,283 | ---- | 2,764,766 | 4,285,134 | 1,520,368 |
| Maine | 25,887 | 169,723 | ---- | 295,817 | 634,001 | 338,184 |
| Maryland | 132,289 | 530,668 | ---- | 3,651,438 | 4,815,795 | 1,164,357 |
| Massachusetts | 3,142,640 | 14,178,183 | 1,546,249 | 42,430,939 | 70,708,050 | 28,277,111 |
| Michigan | 325,749 | 2,538,012 | ---- | 11,239,984 | 18,338,406 | 7,098,422 |
| Missouri | 84,321 | 268,224 | ---- | 1,940,413 | 2,467,237 | 526,824 |
| New Jersey | 1,369,813 | 5,820,440 | 339,273 | 22,191,144 | 37,358,727 | 15,167,583 |
| New York | 1,433,481 | 8,092,753 | 194,693 | 40,428,966 | 57,453,230 | 17,024,264 |
| North Carolina | 225,898 | 878,664 | 2,400 | 8,232,977 | 11,042,486 | 2,809,509 |
| Ohio | 442,301 | 1,934,798 | ---- | 7,864,512 | 11,555,989 | 3,691,477 |
| Oregon | 5,662 | 48,611 | ---- | 127,746 | 226,141 | 98,395 |
| Pennsylvania | 1,729,487 | 10,662,694 | 161,712 | 57,597,078 | 87,383,057 | 29,785,979 |
| Tennessee | 36,508 | 352,972 | ---- | 2,071,911 | 3,154,687 | 1,082,776 |
| Virginia | 87,414 | 930,601 | ---- | 6,880,128 | 8,837,806 | 1,957,678 |
| West Virginia | 131,920 | 1,231,747 | ---- | 9,200,506 | 13,348,975 | 4,148,469 |
| Wisconsin | 1,438,596 | 6,809,990 | 117,419 | 29,653,976 | 44,591,782 | 14,932,806 |
| All other States [2] | 535,651 | 2,155,309 | 8,939 | 15,980,528 | 19,593,695 | 3,613,167 |

[1] Not including 282 salaried officers and employees of central administrative offices, with salaries aggregating $644,382. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 5,042 salaried officers and employees and $14,141,892. (See "Central-administrative-office employees" p. 1193.)

[2] Arkansas, 1 establishment; Georgia, 4; Louisiana, 1; Minnesota, 3; Nebraska, 2; New Hampshire, 6 North Dakota, 1; Rhode Island, 2; Texas, 2; Vermont, 1; Washington, 1.

[3] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

[4] In addition, leather valued at $104,922 was reported as a secondary product by establishments classified in other industries.

# BELTING, LEATHER

[A preliminary report for this industry was issued under date of January 11, 1927]

**Description of the industry.**—The establishments embraced within this industry are those engaged primarily in the manufacture of leather belting for use in the transmission of power. (Leather belts for wear on the person are products of the "Leather goods, not elsewhere classified" industry. The manufacture of rubber belting is included in the "Rubber goods, not elsewhere classified" industry.)

**Decrease in number of establishments.**—In 1923 the industry was represented by 169 establishments, the decrease to 168 in 1925 being the net result of a loss of 19 and a gain of 18. Of the 19 establishments lost to the industry, 12 had gone out of business prior to the beginning of 1925, 3 reported commodities other than leather belting as their principal products and were therefore transferred to the appropriate industries, and 4 reported products valued at less than $5,000. (See sec. 10, p. 5.)

## General Statistics, by States: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately]

| STATE | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY | | | | Horsepower |
|---|---|---|---|---|---|---|
| | | Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | |
| United States | 168 | 3,516 | 86 | [1]786 | 2,644 | 6,889 |
| California | 10 | 92 | 9 | 25 | 58 | 85 |
| Illinois | 9 | 250 | 4 | 79 | 167 | 290 |
| Louisiana | 3 | 35 | | 20 | 15 | 30 |
| Massachusetts | 18 | 760 | 8 | 88 | 664 | 1,060 |
| Michigan | 4 | 132 | 3 | 23 | 106 | 336 |
| Missouri | 11 | 100 | 4 | 38 | 58 | 191 |
| New Jersey | 8 | 41 | 5 | 14 | 22 | 22 |
| New York | 28 | 456 | 11 | 140 | 305 | 1,566 |
| Ohio | 11 | 108 | 4 | 33 | 71 | 121 |
| Pennsylvania | 16 | 409 | 11 | 82 | 316 | 483 |
| Rhode Island | 4 | 18 | 1 | 3 | 14 | 31 |
| Tennessee | 4 | 33 | 4 | 4 | 25 | 81 |
| Washington | 4 | 18 | 6 | 1 | 11 | 20 |
| Wisconsin | 3 | 26 | | 12 | 14 | 110 |
| All other States [2] | 35 | 1,038 | 16 | 224 | 798 | 1,863 |

See footnotes at end of table

## GENERAL STATISTICS, BY STATES: 1925—Continued

[See note at head of this table]

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products | Value added by manufacture [3] |
|---|---|---|---|---|---|---|
| United States | [1] $2,126,028 | $3,505,450 | $17,395 | $18,808,230 | [1] $31,810,926 | $12,942,696 |
| California | 61,829 | 95,826 | ---------- | 447,078 | 719,083 | 272,005 |
| Illinois | 247,057 | 252,385 | ---------- | 1,329,108 | 2,337,675 | 1,008,567 |
| Louisiana | 54,078 | 21,504 | ---------- | 223,842 | 325,822 | 101,980 |
| Massachusetts | 270,039 | 779,577 | ---------- | 4,844,418 | 7,334,729 | 2,490,311 |
| Michigan | 70,170 | 166,923 | ---------- | 728,957 | 1,282,319 | 553,362 |
| Missouri | 127,246 | 71,623 | ---------- | 423,720 | 788,981 | 365,261 |
| New Jersey | 32,777 | 37,060 | ---------- | 134,586 | 244,408 | 109,822 |
| New York | 351,097 | 420,163 | 401 | 2,359,541 | 4,339,489 | 1,979,948 |
| Ohio | 85,396 | 116,490 | ---------- | 554,012 | 916,725 | 362,713 |
| Pennsylvania | 204,972 | 467,681 | ---------- | 2,345,741 | 4,013,440 | 1,667,699 |
| Rhode Island | 13,200 | 28,198 | ---------- | 95,934 | 181,112 | 85,178 |
| Tennessee | 9,330 | 31,290 | ---------- | 82,666 | 169,279 | 86,613 |
| Washington | 1,375 | 20,012 | ---------- | 87,510 | 126,561 | 39,051 |
| Wisconsin | 21,958 | 20,698 | ---------- | 83,779 | 220,151 | 136,372 |
| All other States [2] | 575,504 | 975,120 | 16,994 | 5,127,278 | 8,811,152 | 3,683,874 |

[1] Not including 88 salaried officers and employees of central administrative offices, with salaries aggregating $182,766. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 874 salaried officers and employees and $2,308,794. (See "Central-administrative-office employees," p. 1193.)

[2] Alabama, 1 establishment; Colorado, 1; Connecticut, 7; Delaware, 1; Georgia, 2; Indiana, 6; Maine, 1; Maryland, 2; Minnesota, 3; Mississippi, 1; New Hampshire, 1; North Carolina, 3; Oregon, 2; South Carolina, 1; Texas, 1; Virginia, 2.

[3] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

[4] In addition, leather belting valued at $681,753 was manufactured as a secondary product by establishments engaged primarily in other industries.

# BOOTS AND SHOES, OTHER THAN RUBBER

[A preliminary report for this industry was issued under date of January 15, 1927]

**Description of the industry.**—This industry consists in the manufacture of boots, shoes, sandals, slippers, moccasins, leggings, overgaiters, and allied footwear, chiefly of leather, although footwear made of canvas and other textile fabrics is also included. A few of the establishments classified in this industry are engaged wholly in contract work on materials owned by others. Some establishments make only moccasins, sandals, spats, etc.

**Relative importance of leading States.**—Because of the fact that a large proportion of the boot and shoe production is reported from only a few States, a special table (Table 5) has been prepared to show the relative importance of the leading States in the industry.

**Decrease in number of establishments.**—In 1923 the industry was represented by 1,606 establishments, the decrease to 1,460 in 1925 being the net result of a gain of 58 and a loss of 204. The loss is accounted for as follows: Out of business, 154; idle, 26; reported products valued at less than $5,000, 24. (See sec. 10, p. 5.)

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under $5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5]

| YEAR OR PERIOD | Number of establishments | Wage earners (average number) | Wages | Paid for contract work | Cost of materials [1] | Value of products | Value added by manufacture [2] | Horsepower |
|---|---|---|---|---|---|---|---|---|
| 1925 | 1,460 | 206,992 | $225,787,981 | $2,244,850 | $481,631,964 | $925,383,422 | $443,751,458 | 139,569 |
| 1923 | 1,606 | 225,216 | 250,345,622 | 2,067,863 | 527,456,868 | 1,000,078,022 | 472,621,154 | 128,550 |
| 1921 | 1,525 | 183,502 | 204,954,095 | 2,269,585 | 478,432,445 | 867,475,806 | 389,043,451 | [3] |
| 1919 | 1,449 | 211,049 | 210,734,610 | 1,930,544 | 715,269,315 | 1,155,041,436 | 439,772,121 | [4] 115,886 |
| 1914 | 1,355 | 191,555 | 105,695,404 | 1,500,381 | 310,356,586 | 501,760,468 | 191,403,872 | [4] 95,566 |
| | PER CENT OF INCREASE OR DECREASE (—) | | | | | | | |
| 1923–1925 | —9.1 | —8.1 | —9.8 | 8.6 | —8.7 | —7.5 | —6.1 | 8.6 |
| 1921–1923 | 6.7 | 22.7 | 22.1 | —8.9 | 10.2 | 15.3 | 21.5 | ---------- |
| 1921–1925 | —3.0 | 12.8 | 10.2 | —1.1 | .7 | 6.7 | 14.1 | ---------- |
| 1914–1925 | 7.7 | 8.1 | 118.6 | 49.6 | 55.2 | 84.4 | 131.8 | 46.4 |

[1] Including also cost of fuel, electric power, containers, and factory supplies.
[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)
[3] Not called for on schedule.
[4] These figures differ from those published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric. See footnote 1, Table 3, p. 606.)

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

[Some of the States for which no figures are given in this table reported larger numbers of wage earners than some of those for which statistics are shown. See headnote, Table 6, p. 602]

| STATE | Average number employed during year | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June |
| United States: | | | | | | | |
| 1925 [1] | 206,992 | 202,793 | 211,439 | 216,493 | 209,907 | 200,734 | *191,822* |
| 1923 [1] | 225,216 | 227,048 | 236,138 | 237,925 | 233,932 | 227,955 | 217,469 |
| 1921 [1] | 183,502 | *159,302* | 160,331 | 172,465 | 179,088 | 185,374 | 187,462 |
| 1919 [1] | 211,049 | 202,905 | 204,440 | 201,295 | *190,025* | 201,710 | 206,562 |
| California | 816 | 759 | 816 | 834 | 820 | 795 | 775 |
| Illinois | 13,933 | 13,498 | 13,978 | 14,178 | 13,559 | 13,225 | 13,094 |
| Iowa | 312 | 339 | 313 | 321 | 315 | 297 | 301 |
| Maine | 9,633 | 9,284 | 10,119 | 10,280 | 10,112 | 9,664 | 9,154 |
| Maryland | 1,844 | 1,873 | 1,842 | 1,838 | 1,907 | 1,846 | 1,821 |
| Massachusetts | 57,405 | 57,005 | 60,595 | 62,826 | 59,271 | 54,899 | 49,203 |
| Michigan | 1,099 | 1,188 | 1,144 | 1,087 | 1,096 | 1,012 | 1,022 |
| Minnesota | 2,034 | 2,049 | 2,040 | 2,072 | 2,102 | 2,007 | 1,983 |
| Missouri | 24,003 | 22,948 | 23,518 | 24,127 | 23,661 | 22,732 | 22,950 |
| New Hampshire | 12,275 | 12,133 | 12,562 | 13,084 | 12,623 | 11,844 | 10,898 |
| New Jersey | 1,724 | 1,763 | 1,829 | 1,826 | 1,776 | 1,758 | 1,699 |
| New York | 39,157 | 37,230 | 38,811 | 40,176 | 40,056 | 39,211 | 38,214 |
| Ohio | 12,768 | 12,171 | 12,952 | 12,954 | 12,470 | 12,172 | 12,334 |
| Pennsylvania | 11,438 | 11,871 | 12,132 | 12,072 | 11,868 | 11,589 | 11,108 |
| Tennessee | 1,279 | 1,082 | 1,099 | 1,216 | 1,207 | 1,257 | 1,299 |
| Texas | 66 | 58 | 57 | 63 | 63 | 66 | 66 |
| Washington | 82 | 93 | 101 | 99 | 78 | 85 | 77 |
| Wisconsin | 10,507 | 10,831 | 10,874 | 10,617 | 10,263 | 9,994 | 9,696 |

| STATE | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|
| | July | August | September | October | November | December |
| United States: | | | | | | |
| 1925 [1] | 200,349 | 213,282 | 216,565 | 216,330 | 204,195 | 199,992 |
| 1923 [1] | 215,717 | 226,063 | 228,681 | 228,534 | 218,476 | *204,654* |
| 1921 [1] | 189,472 | 199,254 | 200,953 | 199,251 | 194,020 | 194,965 |
| 1919 [1] | 211,811 | 215,596 | 217,031 | 219,604 | 224,197 | 226,412 |
| California | 719 | 803 | 832 | 907 | 898 | 826 |
| Illinois | 13,722 | 14,480 | 14,665 | 14,778 | 14,268 | 13,754 |
| Iowa | 294 | 299 | 322 | 318 | 318 | 301 |
| Maine | 9,044 | 9,826 | 9,688 | 10,138 | 9,355 | 8,926 |
| Maryland | 1,807 | 1,815 | 1,866 | 1,855 | 1,845 | 1,814 |
| Massachusetts | 54,491 | 60,008 | 61,133 | 60,183 | 55,941 | 53,303 |
| Michigan | 1,043 | 1,098 | 1,111 | 1,095 | 1,147 | 1,145 |
| Minnesota | 1,984 | 2,059 | 2,074 | 2,097 | 1,978 | 1,969 |
| Missouri | 23,998 | 25,026 | 25,613 | 25,731 | 23,842 | 23,893 |
| New Hampshire | 11,668 | 12,566 | 13,112 | 12,720 | 12,150 | 11,953 |
| New Jersey | 1,693 | 1,725 | 1,643 | 1,662 | 1,671 | 1,639 |
| New York | 38,027 | 39,739 | 40,371 | 40,494 | 38,393 | 39,162 |
| Ohio | 13,015 | 13,793 | 13,786 | 13,733 | 12,043 | 11,800 |
| Pennsylvania | 10,983 | 11,323 | 11,155 | 11,173 | 11,092 | 10,895 |
| Tennessee | 1,304 | 1,359 | 1,322 | 1,332 | 1,402 | 1,467 |
| Texas | 68 | 68 | 68 | 71 | 69 | 70 |
| Washington | 33 | 80 | 82 | 86 | 84 | 85 |
| Wisconsin | 10,183 | 10,669 | 10,807 | 10,967 | 10,733 | 10,398 |

[1] Month of maximum employment indicated by bold-faced figures and that of minimum employment by *italic* figures. Per cent which minimum forms of maximum: 1925, 88.6; 1923, 86; 1921, 69.4; 1919, 87.1.

## TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

| TYPE | 1925 | | 1923 | | 1919 | |
|---|---|---|---|---|---|---|
| | Number | Horsepower | Number | Horsepower | Number | Horsepower |
| Prime movers, total | 25,803 | 139,569 | 19,200 | 128,550 | 12,119 | [1] 115,886 |
| Steam engines | 296 | 47,998 | 320 | 55,790 | 354 | 49,655 |
| Steam turbines | 17 | 5,753 | | | 17 | 10,612 |
| Internal-combustion engines | 16 | 898 | 16 | 448 | 36 | 908 |
| Water wheels and turbines | 18 | 1,876 | 14 | 2,171 | 14 | 2,021 |
| Electric motors driven by purchased current | 25,521 | 83,044 | 18,910 | 70,141 | 11,698 | 55,690 |
| Electric motors, total | 34,031 | 112,901 | 29,242 | 112,481 | 16,279 | 83,762 |
| Driven by purchased current | 25,521 | 83,044 | 18,910 | 70,141 | 11,698 | 55,690 |
| Driven by current generated in establishment reporting | [2] 8,510 | 29,857 *Kilowatts* | 10,332 | 42,340 *Kilowatts* | 4,581 | 28,102 *Kilowatts* |
| Electric generators | 202 | 29,550 | (3) | (3) | (3) | (3) |

[1] This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).
[2] Not called for on schedule.

## TABLE 4.—PRODUCTS, BY CLASS AND QUANTITY: 1921 TO 1925

| CLASS | NUMBER OF PAIRS | | | | |
|---|---|---|---|---|---|
| | 1925 | 1924 | 1923 | 1922 | 1921 |
| Boots and shoes, total | 323,553,055 | 313,230,157 | 351,114,273 | 323,876,468 | 236,771,101 |
| High and low cut (leather), total | 275,026,916 | 268,588,804 | 299,349,336 | 280,360,192 | 241,833,226 |
| Men's | 86,540,464 | 84,662,857 | 100,282,892 | 89,984,065 | 69,457,535 |
| Boys' and youths' | 21,021,158 | 20,273,524 | 22,238,066 | 21,631,905 | 18,402,632 |
| Women's | 104,781,687 | 104,135,469 | 109,676,409 | 105,367,667 | 101,473,085 |
| Misses' and children's | 33,601,056 | 35,693,923 | 40,135,924 | 38,443,554 | 35,065,527 |
| Infants' | 24,586,551 | 23,823,031 | 27,015,445 | 23,930,001 | 17,379,147 |
| Athletic and sporting (leather) | 5,913,710 | 5,852,574 | 6,433,693 | 8,448,308 | 5,546,898 |
| Canvas, satin, and other fabric [1] | 8,564,466 | 5,259,692 | 8,346,705 | 6,739,339 | 8,601,582 |
| Slippers for house wear, total | 23,898,677 | 23,014,780 | (2) | (2) | (2) |
| All leather | 3,825,435 | (2) | (2) | (2) | (2) |
| Part leather | 20,073,242 | (2) | (2) | (2) | (2) |
| All other leather or part-leather footwear | 9,549,250 | 9,514,307 | [3] 36,984,539 | [3] 28,322,619 | [3] 30,784,895 |

[1] Exclusive of rubber-soled footwear.
[2] Not reported separately.
[3] Includes data for house slippers.

TABLE 5.—RELATIVE IMPORTANCE OF LEADING STATES: 1925, 1923, AND 1921

| STATE | 1925 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of establishments | Value of products | | | Value added by manufacture | | | Wage earners | | | |
| | | Amount | Per cent distribution | Rank | Amount | Per cent distribution | Rank | Average number | Per cent distribution | Rank |
| United States | 1,460 | $925,383,422 | 100.0 | ---- | $443,751,458 | 100.0 | ---- | 206,992 | 100.0 | ---- |
| Massachusetts | 537 | 240,943,504 | 26.0 | 1 | 121,178,703 | 27.3 | 1 | 57,405 | 27.7 | 1 |
| New York | 334 | 191,375,288 | 20.7 | 2 | 90,836,703 | 20.5 | 2 | 39,157 | 18.9 | 2 |
| Missouri | 68 | 124,327,761 | 13.5 | 3 | 56,487,871 | 12.7 | 3 | 24,003 | 11.6 | 3 |
| Illinois | 60 | 66,366,818 | 7.2 | 4 | 33,203,606 | 7.5 | 4 | 13,933 | 6.7 | 4 |
| Wisconsin | 64 | 53,954,002 | 5.8 | 5 | 25,198,910 | 5.7 | 6 | 10,507 | 5.1 | 8 |
| New Hampshire | 59 | 52,031,681 | 5.7 | 6 | 23,274,719 | 5.2 | 7 | 12,275 | 5.9 | 6 |
| Ohio | 57 | 51,546,890 | 5.6 | 7 | 25,470,391 | 5.7 | 5 | 12,768 | 6.2 | 5 |
| Pennsylvania | 109 | 42,037,228 | 4.5 | 8 | 21,118,719 | 4.8 | 8 | 11,438 | 5.5 | 7 |
| Maine | 39 | 38,113,599 | 4.1 | 9 | 19,186,482 | 4.3 | 9 | 9,633 | 4.7 | 9 |
| All other States | 133 | 64,080,656 | 6.9 | ---- | 27,795,354 | 6.3 | ---- | 15,873 | 7.7 | ---- |

| STATE | 1923 | | | | 1921 | | | |
|---|---|---|---|---|---|---|---|---|
| | Number of establishments | Value of products | | | Number of establishments | Value of products | | |
| | | Amount | Per cent distribution | Rank | | Amount | Per cent distribution | Rank |
| United States | 1,606 | $1,000,078,022 | 100.0 | ---- | 1,505 | $867,475,896 | 100.0 | ---- |
| Massachusetts | 595 | 290,674,403 | 29.1 | 1 | 543 | 285,102,006 | 32.9 | 1 |
| New York | 367 | 195,082,384 | 19.5 | 2 | 343 | 179,562,076 | 20.7 | 2 |
| Missouri | 65 | 121,830,354 | 12.2 | 3 | 60 | 87,715,281 | 10.1 | 3 |
| Illinois | 60 | 60,332,201 | 6.0 | 5 | 48 | 40,318,329 | 4.6 | 6 |
| Wisconsin | 68 | 57,000,651 | 5.7 | 6 | 66 | 34,430,352 | 4.0 | 9 |
| New Hampshire | 65 | 55,036,364 | 5.5 | 7 | 57 | 39,243,093 | 4.5 | 7 |
| Ohio | 60 | 60,730,568 | 6.1 | 4 | 63 | 61,904,027 | 7.1 | 4 |
| Pennsylvania | 130 | 50,050,066 | 5.0 | 8 | 126 | 50,174,980 | 5.8 | 5 |
| Maine | 45 | 38,832,522 | 3.9 | 9 | 43 | 36,341,811 | 4.2 | 8 |
| All other States | 151 | 70,502,509 | 7.0 | ---- | 156 | 52,683,941 | 6.1 | ---- |

## TABLE 6.—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately]

| STATE | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY | | | | Horsepower |
|---|---|---|---|---|---|---|
| | | Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | |
| United States | 1,460 | 228,001 | 646 | [1] 20,963 | 206,992 | 189,560 |
| California | 12 | 895 | 9 | 70 | 816 | 648 |
| Illinois | 60 | 15,482 | 3 | 1,546 | 13,933 | 10,536 |
| Iowa | 4 | 363 | 11 | 30 | 312 | 334 |
| Maine | 39 | 10,557 | 9 | 915 | 9,633 | 6,137 |
| Maryland | 14 | 2,046 | 3 | 199 | 1,844 | 1,008 |
| Massachusetts | 537 | 63,869 | 206 | 6,198 | 57,405 | 33,252 |
| Michigan | 11 | 1,245 | 4 | 142 | 1,099 | 1,532 |
| Minnesota | 13 | 2,260 | 11 | 215 | 2,034 | 1,232 |
| Missouri | 68 | 26,629 | 2 | 2,624 | 24,003 | 18,418 |
| New Hampshire | 59 | 13,568 | 23 | 1,270 | 12,275 | 8,865 |
| New Jersey | 10 | 1,932 | 7 | 201 | 1,724 | 1,655 |
| New York | 334 | 42,415 | 151 | 3,107 | 39,157 | 23,630 |
| Ohio | 57 | 14,169 | 10 | 1,391 | 12,768 | 8,013 |
| Pennsylvania | 109 | 12,047 | 74 | 1,135 | 11,438 | 7,251 |
| Tennessee | 3 | 1,430 | 4 | 147 | 1,279 | 870 |
| Texas | 4 | 81 | ------- | 15 | 66 | 69 |
| Washington | 8 | 94 | 4 | 8 | 82 | 139 |
| Wisconsin | 64 | 11,606 | 38 | 1,151 | 10,507 | 7,910 |
| All other States [2] | 45 | 7,233 | 17 | 599 | 6,617 | 4,084 |

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products | Value added by manufacture [3] |
|---|---|---|---|---|---|---|
| United States | [1] $42,205,532 | $225,787,981 | $2,244,850 | $481,631,064 | [4] $925,383,422 | $443,751,458 |
| California | 114,947 | 1,007,066 | 25,000 | 1,094,204 | 3,455,620 | 1,761,416 |
| Illinois | 2,671,470 | 13,201,852 | 25,692 | 33,163,207 | 66,366,813 | 33,203,606 |
| Iowa | 51,780 | 262,366 | ---------- | 680,096 | 1,110,749 | 430,653 |
| Maine | 1,859,044 | 9,183,059 | 38,140 | 18,927,117 | 38,113,599 | 19,186,482 |
| Maryland | 404,465 | 1,607,331 | ---------- | 3,568,136 | 6,196,727 | 2,628,591 |
| Massachusetts | 13,090,572 | 65,496,971 | 839,022 | 119,764,801 | 240,943,504 | 121,178,703 |
| Michigan | 303,057 | 898,248 | ---------- | 2,409,978 | 4,544,765 | 2,134,787 |
| Minnesota | 397,596 | 1,828,584 | 9,759 | 4,754,849 | 8,224,069 | 3,469,220 |
| Missouri | 3,812,782 | 22,809,021 | 1,613 | 67,839,890 | 124,327,761 | 56,487,871 |
| New Hampshire | 2,347,752 | 11,911,466 | 37,225 | 29,356,962 | 52,631,681 | 23,274,719 |
| New Jersey | 433,812 | 1,781,942 | 928 | 3,464,481 | 7,171,553 | 3,707,072 |
| New York | 7,794,463 | 54,217,959 | 1,017,560 | 100,538,585 | 191,375,288 | 90,836,703 |
| Ohio | 2,868,691 | 13,528,420 | 19,623 | 20,076,499 | 51,546,899 | 25,470,391 |
| Pennsylvania | 2,567,861 | 10,733,803 | 230,288 | 20,918,509 | 42,037,228 | 21,118,719 |
| Tennessee | 287,239 | 942,926 | ---------- | 3,908,820 | 6,616,376 | 2,647,556 |
| Texas | 24,249 | 62,105 | ---------- | 161,803 | 345,279 | 183,476 |
| Washington | 33,182 | 120,698 | ---------- | 333,974 | 604,972 | 270,998 |
| Wisconsin | 2,154,595 | 10,966,825 | ---------- | 28,755,092 | 53,954,002 | 25,198,910 |
| All other States [2] | 987,975 | 5,137,809 | ---------- | 15,254,961 | 25,816,546 | 10,561,585 |

[1] Not including 1,218 salaried officers and employees of central administrative offices, with salaries aggregating $2,341,213. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 22,181 salaried officers and employees and $44,546,745. (See "Central-administrative-office employees," p. 1193.)

[2] Alabama, 1 establishment; Colorado, 1; Connecticut, 4; Florida, 1; Georgia, 3; Indiana, 3; Kansas, 5; Kentucky, 9; Louisiana, 2; Nebraska, 2; North Carolina, 2; Oregon, 2; Vermont, 4; Virginia, 4; West Virginia, 2.

[3] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

[4] In addition, leather boots and shoes valued at $605,637 were manufactured as secondary products by establishments engaged primarily in other industries.

# BOOT AND SHOE CUT STOCK

[A preliminary report for this industry was issued under date of December 6, 1926]

**Description of the industry.**—The establishments covered by this industry designation are those engaged wholly or principally in the manufacture, from substances other than rubber, of uppers, soles, top lifts, heels, tips, inner soles, etc., for sale to other establishments which use them as materials in the manufacture of boots, shoes, or other footwear. Cut stock is also manufactured for sale, although made principally for their own consumption, by establishments in the boot and shoe industry, and a small amount of cut stock is made as a subsidiary product by establishments classified in other industries. The entire production of cut stock is, therefore, somewhat greater than the amount made by establishments in the cut-stock industry.

## General Statistics, by States: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately]

| STATE | Number of establishments | Persons engaged in the industry | | | | Horsepower |
|---|---|---|---|---|---|---|
| | | Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | |
| United States | 244 | 8,468 | 233 | 1,038 | 7,197 | 7,859 |
| Illinois | 6 | 282 | ------- | 49 | 233 | 456 |
| Maine | 4 | 60 | 3 | 4 | 53 | 33 |
| Massachusetts | 171 | 2,976 | 177 | 425 | 2,374 | 3,030 |
| Missouri | 10 | 2,571 | 3 | 315 | 2,253 | 1,964 |
| New Hampshire | 7 | 102 | 10 | 9 | 83 | 124 |
| New York | 19 | 244 | 14 | 34 | 196 | 237 |
| Pennsylvania | 11 | 619 | 12 | 81 | 526 | 995 |
| All other States [1] | 16 | 1,614 | 14 | 121 | 1,479 | 1,020 |

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products | Value added by manufacture [2] |
|---|---|---|---|---|---|---|
| United States | $2,086,770 | $7,978,194 | $6,271 | $65,645,715 | [3] $84,220,109 | $18,574,394 |
| Illinois | 147,353 | 255,357 | ------- | 2,384,001 | 3,010,985 | 626,984 |
| Maine | 6,767 | 41,298 | ------- | 166,328 | 265,938 | 99,610 |
| Massachusetts | 1,060,885 | 2,722,132 | 5,047 | 26,843,012 | 34,854,485 | 8,011,473 |
| Missouri | 418,498 | 2,877,034 | ------- | 22,996,554 | 27,821,494 | 4,824,940 |
| New Hampshire | 15,216 | 73,274 | ------- | 294,524 | 431,032 | 136,508 |
| New York | 83,798 | 227,853 | ------- | 720,894 | 1,247,792 | 526,898 |
| Pennsylvania | 113,671 | 593,122 | 324 | 8,191,843 | 10,433,207 | 2,241,364 |
| All other States [1] | 240,582 | 1,188,124 | ------- | 4,048,559 | 6,155,176 | 2,106,617 |

[1] California, 1 establishment; Connecticut, 1; Kansas, 1; Maryland, 1; Michigan, 3; New Jersey, 3; Ohio, 5; Virginia, 1.

[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

[3] In addition, boot and shoe cut stock valued at $4,354,847 was manufactured as secondary products by establishments engaged primarily in other industries.

# BOOT AND SHOE FINDINGS

[A preliminary report for this industry was issued under date of January 24, 1927]

**Description of the industry.**—This industry consists in the manufacture, for sale as such, of shoe pegs, bows, clasps, stays, metal tips and heelplates, toe caps, buckles, heel caps, staples, counters, shanks, wooden heels, shoe trimmings, boot and shoe laces, and other findings for the boot and shoe trade. Many of the establishments in the boot and shoe industry also manufacture findings, principally for their own consumption but also to some extent for sale, and establishments in some other industries manufacture them as subsidiary products. The output of the establishments in the findings industry does not, therefore, represent the entire amount of findings manufactured.

**Decrease in number of establishments.**—In 1923 the industry was represented by 364 establishments, the decrease to 326 in 1925 being the net result of a loss of 59 and a gain of 21. Of the 59 establishments lost to the industry, 32 had gone out of business prior to 1925, 1 was idle, 19 reported commodities other than boot and shoe findings as their principal products and were therefore transferred to the appropriate industries, and 7 reported products valued at less than $5,000. (See sec. 10, p. 5.)

## General Statistics, by States: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately]

| STATE | Number of establishments | Persons engaged in the industry: Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | Horsepower |
|---|---|---|---|---|---|---|
| United States | 326 | 10,076 | 219 | [1] 1,252 | 8,605 | 15,419 |
| Maine | 5 | 337 | 1 | 34 | 302 | 846 |
| Massachusetts | 236 | 5,533 | 178 | 738 | 4,617 | 7,458 |
| Missouri | 13 | 1,021 | 4 | 104 | 913 | 1,203 |
| New Hampshire | 9 | 529 | 3 | 55 | 471 | 772 |
| New York | 32 | 1,036 | 19 | 136 | 881 | 1,713 |
| Ohio | 8 | 360 | 1 | 27 | 332 | 899 |
| All other States [2] | 23 | 1,260 | 13 | 158 | 1,089 | 2,528 |

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products | Value added by manufacture [3] |
|---|---|---|---|---|---|---|
| United States | [1] $2,813,686 | $9,695,136 | $251,363 | $29,248,469 | [4] $52,063,829 | $22,815,360 |
| Maine | 58,413 | 324,911 | ---------- | 432,863 | 1,074,072 | 641,209 |
| Massachusetts | 1,667,410 | 5,273,277 | 76,618 | 18,160,763 | 31,223,486 | 13,053,723 |
| Missouri | 210,336 | 876,926 | 500 | 2,062,729 | 3,752,283 | 1,689,554 |
| New Hampshire | 153,226 | 447,735 | ---------- | 1,608,601 | 2,912,136 | 1,303,535 |
| New York | 297,828 | 1,124,282 | 32,024 | 2,576,495 | 4,993,006 | 2,416,511 |
| Ohio | 65,129 | 401,894 | ---------- | 453,443 | 1,094,179 | 640,736 |
| All other States [2] | 371,344 | 1,246,111 | 142,221 | 3,944,575 | 7,014,667 | 3,070,092 |

[1] Not including 36 salaried officers and employees of central administrative offices, with salaries aggregating $74,981. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 1,288 salaried officers and employees and $2,888,667. (See "Central-administrative-office employees," p. 1193.)

[2] California, 2 establishments; Connecticut, 3; Illinois, 3; Kentucky, 1; New Jersey, 2; Pennsylvania, 3; Rhode Island, 2; Vermont, 2; Washington, 1; Wisconsin, 4.

[3] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

[4] In addition, boot and shoe findings valued at $4,784,377 were manufactured as secondary products by establishments engaged primarily in other industries.

# GLOVES AND MITTENS, LEATHER

[A preliminary report for this industry was issued under date of January 27, 1927]

**Description of the industry.**—The establishments classified in this industry are those engaged primarily in the manufacture of gloves (except baseball and boxing gloves, which are products of the "Sporting and athletic goods" industry), mittens, or gauntlets made wholly or principally of leather.

**Statistics for Fulton County, N. Y.**—Because of the great importance of Fulton County, N. Y., in the glove industry, statistics for this county as a whole and for Gloversville and Johnstown, in which are located most of the glove-manufacturing establishments reported for the county, are given in Table 4. From this table it will be seen that Fulton County reported nearly one-half and Gloversville more than one-fourth of the total value of products of the industry for 1925.

**Decrease in number of establishments.**—In 1923 the industry was represented by 260 establishments, the decrease to 247 in 1925 being the net result of a loss of 53 establishments and a gain of 40. Of the establishments lost to the industry, 37 went out of business prior to the beginning of 1925, 2 were idle, and 14 reported products valued at less than $5,000. (See sec. 10, p. 5.)

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under $5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5]

| YEAR OR PERIOD | Number of establishments | Wage earners (average number) | Wages | Paid for contract work | Cost of materials [1] | Value of products | Value added by manufacture [2] | Horsepower |
|---|---|---|---|---|---|---|---|---|
| 1925 | 247 | 8,378 | $7,814,110 | $842,650 | $20,021,021 | $37,164,326 | $17,143,305 | 3,852 |
| 1923 | 260 | 10,010 | 8,544,709 | 767,384 | 20,223,924 | 38,080,575 | 17,856,651 | 4,372 |
| 1921 | 272 | 7,907 | 5,842,784 | 414,049 | 13,844,159 | 24,855,321 | 11,011,162 | [3] |
| 1919 | 355 | 10,685 | 8,150,784 | 1,559,224 | 26,286,129 | 46,940,511 | 20,654,382 | 3,288 |
| 1914 | 352 | 10,668 | 4,558,360 | 927,164 | 12,170,694 | 21,614,109 | 9,443,415 | [4] 3,308 |
| | PER CENT OF INCREASE OR DECREASE (−) | | | | | | | |
| 1923–1925 | −5.0 | −16.3 | −8.6 | 9.8 | −1.0 | −2.4 | −4.0 | −11.9 |
| 1921–1923 | −4.4 | 26.6 | 46.2 | 85.3 | 46.1 | 53.2 | 62.2 | ------- |
| 1921–1925 | −9.2 | 6.0 | 33.7 | 103.5 | 44.6 | 49.5 | 55.7 | ------- |
| 1914–1925 | −29.8 | −21.5 | 71.4 | −9.1 | 64.5 | 71.9 | 81.5 | 16.4 |

[1] Including also cost of fuel, electric power, containers, and factory supplies.
[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)
[3] Not called for on schedule.
[4] This item differs slightly from the corresponding one published in the report for 1914 because of the exclusion here and the inclusion in the previous report of data for purchased power other than electric.

## TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

[Some of the States for which no figures are given in this table reported a larger number of wage earners than some of those for which statistics are shown. See headnote, Table 5, p. 608]

| STATE | Average number employed during year | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June |
| United States: | | | | | | | |
| 1925 [1] | 8,378 | *7,957* | 8,180 | 8,331 | 8,279 | 8,261 | 8,269 |
| 1923 [1] | 10,010 | *8,979* | 9,338 | 9,767 | 9,956 | 9,854 | 10,095 |
| 1921 [1] | 7,907 | *6,602* | 6,841 | 7,079 | 7,250 | 7,680 | 8,168 |
| 1919 [1] | 10,685 | 10,175 | 10,044 | *9,984* | 10,046 | 10,190 | 10,515 |
| California | 323 | 305 | 317 | 322 | 315 | 323 | 311 |
| Illinois | 746 | 732 | 747 | 741 | 718 | 711 | 706 |
| Indiana | 241 | 240 | 250 | 237 | 229 | 228 | 235 |
| Iowa | 107 | 106 | 102 | 113 | 111 | 97 | 94 |
| Massachusetts | 17 | 17 | 18 | 15 | 21 | 19 | 20 |
| Michigan | 234 | 242 | 240 | 240 | 231 | 228 | 215 |
| New York | 3,992 | 3,680 | 3,785 | 3,900 | 3,906 | 3,911 | 3,976 |
| Pennsylvania | 202 | 210 | 214 | 221 | 198 | 190 | 185 |
| Washington | 93 | 89 | 101 | 101 | 101 | 95 | 90 |
| Wisconsin | 1,452 | 1,353 | 1,422 | 1,478 | 1,511 | 1,546 | 1,514 |

| STATE | NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY | | | | | |
|---|---|---|---|---|---|---|
| | July | August | September | October | November | December |
| United States: | | | | | | |
| 1925 [1] | 8,172 | 8,320 | 8,479 | 8,713 | 8,855 | 8,707 |
| 1923 [1] | 10,103 | 10,334 | 10,432 | 10,549 | 10,511 | 10,206 |
| 1921 [1] | 8,194 | 8,740 | 8,869 | 8,682 | 8,634 | 8,145 |
| 1919 [1] | 10,887 | 11,125 | 11,042 | 11,286 | 11,303 | 11,623 |
| California | 292 | 298 | 310 | 339 | 374 | 371 |
| Illinois | 720 | 750 | 758 | 800 | 795 | 770 |
| Indiana | 232 | 241 | 249 | 244 | 251 | 259 |
| Iowa | 104 | 105 | 108 | 115 | 114 | 119 |
| Massachusetts | 14 | 13 | 14 | 17 | 20 | 20 |
| Michigan | 213 | 228 | 232 | 237 | 247 | 255 |
| New York | 3,954 | 4,082 | 4,130 | 4,265 | 4,241 | 4,072 |
| Pennsylvania | 184 | 182 | 189 | 204 | 217 | 226 |
| Washington | 80 | 84 | 90 | 95 | 95 | 98 |
| Wisconsin | 1,416 | 1,356 | 1,404 | 1,411 | 1,501 | 1,509 |

[1] Month of maximum employment indicated by bold-faced figures and that of minimum employment by *italic* figures. Per cent which minimum forms of maximum: 1925, 89.9; 1923, 85.1; 1921, 74.5; 1919, 85.9.

TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

| TYPE | 1925 | | 1923 | | 1919 | |
|---|---|---|---|---|---|---|
| | Number | Horsepower | Number | Horsepower | Number | Horsepower |
| Prime movers, total | 1,120 | 3,852 | 787 | 4,372 | 791 | 3,288 |
| Steam engines | 13 | 1,040 | 17 | 1,065 | 14 | 918 |
| Steam turbines | | | | | 17 | 73 |
| Internal-combustion engines | 2 | 22 | 4 | 30 | [1] 11 | [1] 302 |
| Water wheel and turbines | 2 | 255 | 1 | 200 | 749 | 1,995 |
| Electric motors driven by purchased current | 1,112 | 2,535 | 765 | 2,477 | | |
| Electric motors, total | 1,141 | 2,770 | 838 | 2,811 | 767 | 2,064 |
| Driven by purchased current | 1,112 | 2,535 | 765 | 2,477 | 749 | 1,995 |
| Driven by current generated in establishment reporting | 29 | 235 | 73 | 334 | 18 | 69 |
| | | *Kilowatts* | | *Kilowatts* | | *Kilowatts* |
| Electric generators | 4 | 375 | (2) | (2) | (2) | (2) |

[1] Includes data for a small number of water motors.
[2] Not called for on schedule.

TABLE 4.—GENERAL STATISTICS FOR FULTON COUNTY, N. Y., 1925, WITH PERCENTAGES OF UNITED STATES TOTALS,[1] 1925, 1923, AND 1921

| | FULTON COUNTY, N. Y. | | | | GLOVERSVILLE | | | |
|---|---|---|---|---|---|---|---|---|
| | Number or amount, 1925 | Per cent of total for United States | | | Number or amount, 1925 | Per cent of total for United States | | |
| | | 1925 | 1923 | 1921 | | 1925 | 1923 | 1921 |
| Number of establishments | 123 | 49.8 | 47.3 | 46.3 | 77 | 31.2 | 28.5 | 30.5 |
| Wage earners (average number) | 3,607 | 43.1 | 42.9 | 52.9 | 2,247 | 26.8 | 29.7 | 36.8 |
| Wages | $3,479,103 | 44.5 | 45.7 | 49.2 | $2,221,926 | 28.4 | 30.9 | 35.0 |
| Paid for contract work | $802,306 | 95.2 | 88.3 | 75.2 | $621,522 | 73.8 | 61.1 | 52.4 |
| Cost of materials (including also fuel and factory supplies) | $9,565,177 | 47.8 | 43.7 | 54.8 | $6,129,110 | 30.6 | 30.7 | 39.1 |
| Value of products | $17,853,754 | 48.0 | 45.4 | 53.2 | $11,497,029 | 30.9 | 30.9 | 36.2 |
| Value added by manufacture [2] | $8,288,577 | 48.3 | 47.2 | 51.3 | $5,367,919 | 31.3 | 31.1 | 32.5 |
| Horsepower | 893 | 23.2 | 22.9 | (3) | 672 | 17.4 | 13.1 | (3) |

| | JOHNSTOWN | | | | REMAINDER OF COUNTY | | | |
|---|---|---|---|---|---|---|---|---|
| | Number or amount, 1925 | Per cent of total for United States | | | Number or amount, 1925 | Per cent of total for United States | | |
| | | 1925 | 1923 | 1921 | | 1925 | 1923 | 1921 |
| Number of establishments | 36 | 14.6 | 14.6 | 11.8 | 10 | 4.0 | 4.2 | 4.0 |
| Wage earners (average number) | 985 | 11.8 | 10.1 | 12.9 | 375 | 4.5 | 3.0 | 3.2 |
| Wages | $862,561 | 11.0 | 11.1 | 10.6 | $394,616 | 5.1 | 3.7 | 3.7 |
| Paid for contract work | $97,712 | 11.6 | 14.5 | 8.2 | $83,072 | 9.8 | 7.6 | 14.6 |
| Cost of materials (including also fuel and factory supplies) | $2,394,826 | 12.0 | 9.6 | 11.3 | $1,041,241 | 5.2 | 3.5 | 4.5 |
| Value of products | $4,315,077 | 11.6 | 10.9 | 12.2 | $2,041,648 | 5.5 | 3.6 | 4.9 |
| Value added by manufacture [2] | $1,920,251 | 11.2 | 12.4 | 13.4 | $1,000,407 | 5.8 | 3.8 | 5.4 |
| Horsepower | 153 | 4.0 | 7.6 | (3) | 68 | 1.8 | 2.2 | (3) |

[1] For United States totals, see Table 1, p. 605.
[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)
[3] No data in regard to horsepower were collected for 1921.

## TABLE 5.—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately]

| STATE | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY | | | | Horsepower |
|---|---|---|---|---|---|---|
| | | Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | |
| United States | 247 | 9,644 | 236 | 1,030 | 8,378 | 3,852 |
| California | 17 | 424 | 15 | 86 | 323 | 102 |
| Illinois | 17 | 842 | 10 | 86 | 746 | 375 |
| Indiana | 4 | 264 | 1 | 22 | 241 | 141 |
| Iowa | 5 | 127 | 1 | 19 | 107 | 71 |
| Massachusetts | 3 | 21 | 3 | 1 | 17 | 4 |
| Michigan | 4 | 252 | 3 | 15 | 234 | 81 |
| New York | 148 | 4,678 | 155 | 531 | 3,992 | 986 |
| Pennsylvania | 6 | 230 | 4 | 24 | 202 | 64 |
| Washington | 5 | 108 | 6 | 9 | 93 | 31 |
| Wisconsin | 27 | 1,651 | 27 | 172 | 1,452 | 1,021 |
| All other States [1] | 11 | 1,047 | 11 | 65 | 971 | 976 |

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products | Value added by manufacture [2] |
|---|---|---|---|---|---|---|
| United States | $2,089,296 | $7,814,110 | $842,650 | $20,021,021 | [3] $37,164,326 | $17,143,305 |
| California | 146,418 | 202,487 | 4,590 | 450,137 | 1,184,799 | 734,662 |
| Illinois | 180,894 | 764,280 | 2,275 | 1,609,218 | 2,894,892 | 1,285,674 |
| Indiana | 45,149 | 142,447 | ---------- | 502,105 | 757,001 | 254,896 |
| Iowa | 30,920 | 78,092 | ---------- | 229,299 | 695,250 | 465,951 |
| Massachusetts | 1,774 | 17,030 | 1,250 | 27,942 | 60,968 | 33,026 |
| Michigan | 33,618 | 133,030 | ---------- | 404,466 | 672,125 | 267,659 |
| New York | 1,033,017 | 3,879,138 | 813,795 | 10,479,541 | 19,707,861 | 9,228,320 |
| Pennsylvania | 42,361 | 140,581 | ---------- | 384,157 | 698,113 | 313,956 |
| Washington | 25,690 | 90,823 | ---------- | 217,766 | 423,659 | 205,893 |
| Wisconsin | 390,358 | 1,450,370 | 12,056 | 3,507,571 | 6,345,957 | 2,838,386 |
| All other States [1] | 159,097 | 775,217 | 8,684 | 2,208,819 | 3,723,701 | 1,514,882 |

[1] Maryland, 1 establishment; Minnesota, 2; New Hampshire, 1; Ohio, 2; Oregon, 2; Tennessee, 1; Virginia, 2.

[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

[3] In addition, leather gloves and mittens valued at $1,432,957 were manufactured as secondary products by establishments engaged primarily in other industries.

# POCKETBOOKS, PURSES, AND CARDCASES

[A preliminary report for this industry was issued under date of January 8, 1927]

**Description of the industry.**—This industry consists in the manufacture of leather pocketbooks, purses, women's purse-handbags, vanity boxes or cases, cardcases, wallets, coin purses, bill folds, etc.

**Decrease in the number of establishments.**—In 1923 the industry was represented by 207 establishments, the decrease to 190 in 1925 being the net result of a loss of 23 and a gain of 6. Of the 23 establishments lost to the industry, 3 were idle and 20 had gone out of business prior to the beginning of 1925.

## GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. One of the "All other States," however, reported a larger value of products than some of the States shown separately]

| STATE | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY | | | | Horsepower |
|---|---|---|---|---|---|---|
| | | Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | |
| United States | 190 | 7,963 | 178 | 959 | 6,826 | 1,356 |
| California | 6 | 75 | 8 | 7 | 60 | 7 |
| Illinois | 7 | 243 | 3 | 59 | 181 | 25 |
| Massachusetts | 8 | 255 | 4 | 42 | 209 | 54 |
| New Jersey | 10 | 1,187 | 2 | 77 | 1,108 | 313 |
| New York | 137 | 4,806 | 150 | 557 | 4,099 | 629 |
| Ohio | 4 | 146 | 2 | 20 | 124 | 24 |
| Pennsylvania | 10 | 840 | 6 | 142 | 698 | 225 |
| All other States [1] | 8 | 405 | 3 | 55 | 347 | 79 |

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products | Value added by manufacture [2] |
|---|---|---|---|---|---|---|
| United States | $2,551,585 | $9,021,720 | $589,631 | $22,442,200 | [3] $43,105,213 | $20,663,013 |
| California | 7,041 | 63,863 | 150 | 106,367 | 234,952 | 128,585 |
| Illinois | 183,525 | 231,618 | 512 | 265,052 | 742,492 | 477,440 |
| Massachusetts | 115,368 | 196,232 | 3,117 | 388,718 | 895,269 | 506,551 |
| New Jersey | 221,469 | 1,128,384 | 6,487 | 1,909,276 | 4,081,793 | 2,172,517 |
| New York | 1,502,577 | 6,344,594 | 576,369 | 17,204,014 | 31,564,687 | 14,360,673 |
| Ohio | 37,624 | 114,972 | | 250,788 | 605,681 | 354,893 |
| Pennsylvania | 383,888 | 676,443 | 2,996 | 1,694,177 | 3,468,607 | 1,774,430 |
| All other States [1] | 100,093 | 265,614 | | 623,808 | 1,511,732 | 887,924 |

[1] Maine, 1 establishment; Missouri, 1; Texas, 1; Washington, 1; Wisconsin, 4.
[2] In addition, pocketbooks, purses, and cardcases valued at $145,985 were manufactured as secondary products by establishments engaged primarily in other industries.
[3] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

# SADDLERY AND HARNESS

A preliminary report for this industry was issued under date of February 10, 1927]

**Description of the industry.**—This industry designation covers the manufacture of saddles and parts, harness and parts, halters, horse boots, turf goods, feed bags, etc.

**Decrease in number of establishments.**—In 1923 the industry was represented by 472 establishments, the decrease to 258 in 1925 being accounted for as follows: Out of business, 37; idle, 6; transferred to other manufacturing industries by reason of change in character of principal product manufactured, 15; engaged in lines of business other than manufacturing, 138; reported products valued at less than $5,000, 18. (See sec. 10, p. 5.)

## General Statistics, by States: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately]

| State | Number of establishments | Persons engaged in the industry | | | | Horsepower |
|---|---|---|---|---|---|---|
| | | Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | |
| United States | 258 | 5,871 | 209 | [1] 1,092 | 4,570 | 5,021 |
| Arkansas | 4 | 35 | 4 | 9 | 22 | 68 |
| California | 7 | 117 | 3 | 16 | 98 | 159 |
| Colorado | 8 | 154 | 3 | 22 | 129 | 165 |
| Georgia | 6 | 391 | 2 | 43 | 346 | 261 |
| Illinois | 20 | 525 | 20 | 71 | 434 | 498 |
| Indiana | 11 | 229 | 22 | 37 | 170 | 203 |
| Iowa | 12 | 370 | 9 | 82 | 279 | 193 |
| Kansas | 13 | 208 | 11 | 44 | 153 | 122 |
| Kentucky | 13 | 377 | 7 | 47 | 323 | 235 |
| Massachusetts | 6 | 66 | 5 | 10 | 51 | 49 |
| Michigan | 7 | 94 | 2 | 15 | 77 | 97 |
| Minnesota | 10 | 264 | 7 | 22 | 235 | 173 |
| Missouri | 15 | 508 | 6 | 110 | 392 | 418 |
| Montana | 3 | 24 | 4 | 8 | 12 | 5 |
| Nebraska | 6 | 175 | 4 | 52 | 119 | 141 |
| New York | 15 | 110 | 11 | 18 | 81 | 76 |
| North Carolina | 6 | 45 | 7 | 8 | 30 | 40 |
| Ohio | 13 | 222 | 18 | 40 | 164 | 485 |
| Oregon | 8 | 125 | 1 | 25 | 99 | 138 |
| Pennsylvania | 11 | 125 | 19 | 18 | 88 | 108 |
| Tennessee | 10 | 358 | 6 | 44 | 308 | 383 |
| Texas | 12 | 376 | 8 | 117 | 251 | 270 |
| Utah | 4 | 45 | 2 | 14 | 29 | 19 |
| West Virginia | 3 | 46 | 2 | 5 | 39 | 153 |
| Wisconsin | 8 | 393 | 2 | 143 | 248 | 125 |
| All other States [2] | 27 | 489 | 24 | 72 | 393 | 437 |

See footnotes at end of table

## GENERAL STATISTICS, BY STATES: 1925—Continued

[See note at head of this table]

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products | Value added by manufacture[3] |
|---|---|---|---|---|---|---|
| United States | [1] $1,925,464 | $5,059,562 | $350 | $18,775,991 | [4] $30,083,555 | $11,307,564 |
| Arkansas | 19,635 | 26,823 | ---- | 130,723 | 243,029 | 112,306 |
| California | 37,665 | 140,591 | ---- | 296,289 | 611,948 | 315,659 |
| Colorado | 46,583 | 181,961 | ---- | 382,866 | 706,761 | 323,895 |
| Georgia | 62,526 | 221,995 | ---- | 941,295 | 1,370,937 | 429,642 |
| Illinois | 122,200 | 568,396 | 350 | 1,877,144 | 3,038,298 | 1,161,154 |
| Indiana | 67,010 | 152,592 | ---- | 706,378 | 1,080,865 | 374,487 |
| Iowa | 151,784 | 354,172 | ---- | 1,710,885 | 2,481,020 | 770,135 |
| Kansas | 74,013 | 183,617 | ---- | 672,040 | 1,095,306 | 423,266 |
| Kentucky | 106,392 | 251,203 | ---- | 1,259,818 | 1,902,575 | 642,757 |
| Massachusetts | 27,204 | 56,802 | ---- | 124,291 | 240,487 | 116,196 |
| Michigan | 22,765 | 110,333 | ---- | 257,489 | 506,467 | 248,978 |
| Minnesota | 39,529 | 267,722 | ---- | 958,532 | 1,523,197 | 564,665 |
| Missouri | 215,618 | 461,926 | ---- | 1,643,451 | 2,443,088 | 799,637 |
| Montana | 13,048 | 21,654 | ---- | 73,746 | 113,527 | 39,781 |
| Nebraska | 88,272 | 137,065 | ---- | 649,067 | 1,039,073 | 390,006 |
| New York | 37,460 | 113,797 | ---- | 297,448 | 541,077 | 243,629 |
| North Carolina | 15,540 | 32,114 | ---- | 108,928 | 254,358 | 145,430 |
| Ohio | 75,923 | 187,148 | ---- | 561,166 | 898,872 | 337,706 |
| Oregon | 38,449 | 122,820 | ---- | 309,744 | 581,733 | 271,989 |
| Pennsylvania | 41,903 | 112,525 | ---- | 253,005 | 532,184 | 279,179 |
| Tennessee | 64,932 | 278,485 | ---- | 1,345,665 | 1,767,622 | 421,957 |
| Texas | 189,574 | 233,045 | ---- | 1,380,011 | 2,151,197 | 771,186 |
| Utah | 22,666 | 53,523 | ---- | 101,817 | 210,425 | 108,608 |
| West Virginia | 8,644 | 33,778 | ---- | 109,274 | 159,948 | 50,674 |
| Wisconsin | 216,683 | 318,843 | ---- | 1,368,553 | 2,679,179 | 1,310,626 |
| All other States[2] | 119,446 | 436,572 | ---- | 1,196,366 | 1,910,382 | 714,016 |

[1] Not including 2 salaried officers and employees of central administrative offices, with salaries aggregating $12,903. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 1,094 salaried officers and employees and $1,938,367. (See "Central-administrative-office employees," p. 1193.)

[2] Alabama, 2 establishments; Arizona, 3; Connecticut, 2; Delaware, 2; Idaho, 2; Louisiana, 2; Maryland, 1; Nevada, 1; New Jersey, 2; New Mexico, 1; North Dakota, 1; Oklahoma, 2; Rhode Island, 1; South Dakota, 1; Virginia, 2; Washington, 2.

[3] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

[4] In addition, saddlery and harness valued at $817,463 were manufactured as secondary products by establishments engaged primarily in other industries.

# TRUNKS, SUITCASES, AND BAGS

[A preliminary report for this industry was issued under date of January 20, 1927]

**Description of the industry.**—The products of the establishments classified under this designation are trunks, valises, suitcases, traveling bags, satchels, Boston bags, carrying cases, brief cases, hatboxes, luncheon kits, etc. These products are made largely from leather, but certain other materials, such as imitation leather, canvas, and fiber board, are also used.

**Decrease in number of establishments.**—In 1923 this industry was represented by 505 establishments, the decrease to 475 in 1925 being the net result of a loss of 100 establishments and a gain of 70. Of the establishments lost to the industry, 60 went out of business prior to the beginning of 1925, 3 were idle, and 37 reported products valued at less than $5,000. (See sec. 10, p. 5.)

## General Statistics, by States: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately]

| STATE | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY | | | | Horsepower |
|---|---|---|---|---|---|---|
| | | Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | |
| United States | 475 | 12,413 | 449 | 1,616 | 10,348 | 7,893 |
| California | 38 | 385 | 53 | 50 | 282 | 215 |
| Illinois | 55 | 1,359 | 54 | 135 | 1,170 | 700 |
| Indiana | 3 | 20 | 3 | 0 | 17 | 6 |
| Maryland | 6 | 83 | 6 | 10 | 67 | 19 |
| Massachusetts | 28 | 692 | 28 | 86 | 578 | 197 |
| Michigan | 8 | 221 | 4 | 28 | 189 | 379 |
| Minnesota | 9 | 105 | 9 | 12 | 84 | 71 |
| Missouri | 16 | 899 | 21 | 72 | 806 | 486 |
| New Jersey | 33 | 1,079 | 22 | 109 | 948 | 745 |
| New York | 133 | 2,634 | 114 | 383 | 2,137 | 973 |
| Ohio | 23 | 431 | 14 | 87 | 330 | 341 |
| Pennsylvania | 48 | 1,223 | 64 | 165 | 994 | 518 |
| Tennessee | 5 | 111 | 6 | 12 | 93 | 148 |
| Texas | 6 | 137 | 3 | 43 | 91 | 97 |
| Virginia | 10 | 1,346 | 1 | 138 | 1,207 | 1,410 |
| Washington | 7 | 96 | 8 | 18 | 70 | 38 |
| Wisconsin | 19 | 1,097 | 12 | 195 | 890 | 1,134 |
| All other States [1] | 28 | 486 | 27 | 64 | 395 | 416 |

See footnotes at end of table

GENERAL STATISTICS, BY STATES: 1925—Continued

[See note at head of this table]

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products | Value added by manufacture [1] |
|---|---|---|---|---|---|---|
| United States | $4,056,483 | $13,225,966 | $11,108 | $31,381,851 | [2] $61,223,867 | $29,842,016 |
| California | 113,095 | 377,042 | 969 | 742,786 | 1,639,339 | 896,553 |
| Illinois | 368,448 | 1,603,358 | 212 | 3,214,049 | 6,356,060 | 3,142,011 |
| Indiana | 8,390 | 25,807 | ------- | 54,755 | 103,909 | 49,154 |
| Maryland | 7,325 | 81,645 | 703 | 181,632 | 339,683 | 158,051 |
| Massachusetts | 188,501 | 655,730 | 60 | 1,476,043 | 2,976,686 | 1,500,543 |
| Michigan | 70,534 | 239,787 | ------- | 410,313 | 983,645 | 514,332 |
| Minnesota | 21,340 | 91,086 | 111 | 197,967 | 408,086 | 210,120 |
| Missouri | 237,649 | 921,419 | ------- | 2,042,238 | 3,702,604 | 1,660,366 |
| New Jersey | 302,526 | 1,211,289 | ------- | 2,596,585 | 5,611,765 | 3,015,180 |
| New York | 897,412 | 3,411,873 | 6,947 | 8,204,456 | 15,211,509 | 7,007,053 |
| Ohio | 232,352 | 423,692 | ------- | 1,172,123 | 2,304,899 | 1,132,776 |
| Pennsylvania | 377,589 | 1,314,738 | ------- | 3,258,010 | 6,475,473 | 3,217,463 |
| Tennessee | 15,826 | 65,554 | ------- | 143,710 | 287,428 | 143,718 |
| Texas | 86,182 | 74,755 | ------- | 204,901 | 426,024 | 221,123 |
| Virginia | 344,503 | 1,227,242 | ------- | 3,310,394 | 6,094,615 | 2,784,221 |
| Washington | 27,600 | 80,107 | ------- | 179,770 | 423,845 | 244,075 |
| Wisconsin | 600,787 | 1,008,979 | ------- | 2,905,920 | 5,833,758 | 2,927,838 |
| All other States [1] | 160,415 | 411,863 | 2,106 | 1,077,209 | 2,094,639 | 1,017,430 |

[1] Alabama, 1 establishment; Arizona, 1; Colorado, 5; Connecticut, 1; District of Columbia, 1; Florida, 1; Georgia, 1; Iowa, 2; Kansas, 1; Kentucky, 2; Louisiana, 1; Maine, 2; Nebraska, 2; North Carolina, 1; North Dakota, 1; Oregon, 2; Rhode Island, 2; Utah, 1.

[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

[3] In addition, trunks, suitcases, and bags valued at $7,094 were manufactured as secondary products by establishments engaged primarily in other industries.

# LEATHER GOODS, NOT ELSEWHERE CLASSIFIED

**Description of the industry.**—This industry embraces a group of establishments manufacturing miscellaneous leather products not treated as belonging to any one of the other leather industries. Among these products are belts (for wear on the person), straps (not including halter straps, bridle straps, or straps for use as parts of harness or saddles), dog collars, suspender parts and trimmings, music rolls, burnt-leather goods, razor strops, cigar and cigarette cases, physicians' cases, embossed leather, wristlets for watches, jewel cases, pillows, typewriter cases, gun cases, fishing tackle and rod cases, sweat bands, desk pads, washers, valves, gaskets, leather chair seats, leather garments, and many other commodities made solely or principally from leather.

## General Statistics, by States: 1925

This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately]

| STATE | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY | | | | Horsepower |
|---|---|---|---|---|---|---|
| | | Total | Proprietors and firm members | Salaried officers and employees | Wage earners (average number) | |
| United States | 364 | 8,244 | 314 | 1,245 | 6,685 | 8,223 |
| California | 17 | 170 | 13 | 28 | 129 | 87 |
| Connecticut | 8 | 266 | 6 | 22 | 238 | 101 |
| Illinois | 44 | 902 | 50 | 132 | 720 | 528 |
| Indiana | 4 | 77 | 4 | 10 | 63 | 25 |
| Maryland | 9 | 209 | 7 | 26 | 176 | 62 |
| Massachusetts | 42 | 544 | 29 | 76 | 439 | 444 |
| Michigan | 6 | 101 | 3 | 26 | 132 | 63 |
| Minnesota | 8 | 402 | 13 | 56 | 333 | 130 |
| Missouri | 13 | 598 | 3 | 75 | 520 | 122 |
| New Jersey | 16 | 626 | 6 | 51 | 569 | 210 |
| New York | 136 | 3,216 | 134 | 566 | 2,516 | 927 |
| Ohio | 16 | 280 | 12 | 41 | 227 | 112 |
| Oregon | 5 | 19 | 3 | 3 | 13 | 13 |
| Pennsylvania | 24 | 548 | 23 | 95 | 430 | 229 |
| Washington | 3 | 15 | 1 | 4 | 10 | 5 |
| Wisconsin | 3 | 25 | 2 | 7 | 16 | 9 |
| All other States [1] | 10 | 186 | 5 | 27 | 154 | 156 |

See footnotes at end of table

GENERAL STATISTICS, BY STATES: 1925—Continued

[See note at head of this table]

| STATE | Salaries | Wages | Paid for contract work | Cost of materials | Value of products | Value added by manufacture [2] |
|---|---|---|---|---|---|---|
| United States | $2,774,230 | $7,305,537 | $221,617 | $20,473,515 | [3] $40,511,952 | $20,038,437 |
| California | 60,738 | 154,084 | 1,078 | 435,939 | 819,027 | 383,088 |
| Connecticut | 76,701 | 218,380 | | 725,215 | 1,317,167 | 591,952 |
| Illinois | 308,325 | 866,543 | 7,536 | 2,709,328 | 4,849,288 | 2,079,960 |
| Indiana | 23,027 | 61,408 | | 137,355 | 290,754 | 153,399 |
| Maryland | 37,233 | 137,130 | 793 | 351,879 | 690,593 | 338,714 |
| Massachusetts | 158,400 | 392,313 | 5,473 | 859,657 | 2,036,531 | 1,176,874 |
| Michigan | 62,023 | 120,125 | | 458,666 | 806,428 | 347,762 |
| Minnesota | 133,773 | 404,235 | 1,424 | 1,016,448 | 2,007,895 | 991,447 |
| Missouri | 158,554 | 372,865 | 2,657 | 902,088 | 2,261,240 | 1,299,152 |
| New Jersey | 104,240 | 570,608 | 2,209 | 1,079,373 | 2,340,757 | 1,261,384 |
| New York | 1,172,500 | 3,329,792 | 161,576 | 9,683,805 | 18,887,333 | 9,203,528 |
| Ohio | 92,338 | 225,599 | | 495,877 | 1,132,611 | 636,734 |
| Oregon | 6,491 | 10,495 | | 42,144 | 70,720 | 28,576 |
| Pennsylvania | 168,529 | 361,647 | 23,476 | 952,410 | 1,979,239 | 1,026,829 |
| Washington | 4,385 | 9,097 | | 18,492 | 42,777 | 24,285 |
| Wisconsin | 11,031 | 16,100 | | 70,848 | 140,539 | 69,691 |
| All other States [1] | 75,942 | 146,056 | 15,395 | 413,991 | 839,053 | 425,062 |

[1] Colorado, 1 establishment; Georgia, 2; Kansas, 1; New Hampshire, 1; North Carolina, 1; Rhode Island, 1; Texas, 1; Virginia, 1; West Virginia, 1.

[2] Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

[3] In addition, leather goods valued at $7,028,056 were manufactured as secondary products by establishments engaged primarily in other industries.