

CHAPTER III.—INDUSTRIES BY GROUPS

INTRODUCTION

The industries covered by this report are arranged in 16 general groups. (See sec. 11, p. 7.) Summary statistics for the several groups are given in the table beginning on the following page, and summary statistics for the individual industries in the respective groups will be found in the tables appearing at the beginning of the several sections of this chapter (pp. 42, 133, 218, etc.). In the section for each group, following the summary table, are assembled the reports for the more important industries in the group. These reports (which have previously been issued in pamphlet form) give—

(a) Summary statistics by States (except in a very few cases in which the publication of State figures would have resulted in disclosing, exactly or approximately, data reported by individual establishments) for those industries that were canvassed by special schedules (see sec. 5*a*, p. 4), and in addition for a few industries, each employing as many as 10,000 wage earners, which were canvassed with the "General" schedule (see sec. 5*b*, p. 4).

(b) Detailed production statistics, for the United States as a whole, for all industries canvassed with special schedules.

(c) Detailed statistics on materials consumed, for the United States as a whole, for seven industries, namely: "Flour and other grain-mill products," and "Meat packing, wholesale," in Group 1; "Pulp (wood and other fiber)," in Group 4; "Gas, manufactured," in Group 7; and the three industries in Group 8.

(d) State statistics for wage-earner employment, by quarters, for all industries in which as many as 10,000 wage earners were employed.

INDUSTRY GROUPS

GROUP 1.—FOOD AND KINDRED PRODUCTS.

GROUP 2.—TEXTILES AND THEIR PRODUCTS.

GROUP 3.—FOREST PRODUCTS.

GROUP 4.—PAPER AND ALLIED PRODUCTS.

GROUP 5.—PRINTING, PUBLISHING, AND ALLIED INDUSTRIES.

GROUP 6.—CHEMICALS AND ALLIED PRODUCTS.

GROUP 7.—PRODUCTS OF PETROLEUM AND COAL.

GROUP 8.—RUBBER PRODUCTS.

GROUP 9.—LEATHER AND ITS MANUFACTURES.

GROUP 10.—STONE, CLAY, AND GLASS PRODUCTS.

GROUP 11.—IRON AND STEEL AND THEIR PRODUCTS, NOT INCLUDING MACHINERY.

GROUP 12.—NONFERROUS METALS AND THEIR PRODUCTS.

GROUP 13.—MACHINERY, NOT INCLUDING TRANSPORTATION EQUIPMENT.

GROUP 14.—TRANSPORTATION EQUIPMENT, AIR, LAND, AND WATER.

GROUP 15.—RAILROAD REPAIR SHOPS.

GROUP 16.—MISCELLANEOUS INDUSTRIES.

SUMMARY BY GROUPS OF INDUSTRIES: 1927 TO 1933

| GROUP | Cen- sus year | Number of estab- lish- ments | Wage earners (aver- age for the year) | Wages | Cost of ma- terials, con- tainers, fuel, and pur- chased elec- tric energy | Value of products | Value added by manu- facture ¹ |
|--|---------------------|--|---|----------------|---|----------------------|---|
| | | | | Dollars | Dollars | Dollars | Dollars |
| All groups, total... | 1933 | 141,769 | 6,055,736 | 5,261,576,029 | 16,820,821,977 | 31,358,840,338 | 14,538,018,361 |
| | ² 1931 | 174,255 | 6,506,701 | 7,173,231,655 | 21,680,759,601 | 41,038,402,307 | 19,357,642,706 |
| | ³ 1929 | 209,862 | 8,821,757 | 11,607,237,154 | 38,177,900,046 | 69,960,909,712 | 31,783,009,666 |
| | ⁴ 1927 | 190,938 | 8,334,184 | 10,835,977,945 | 34,802,593,608 | 62,278,116,181 | 27,475,522,573 |
| | | | | | | | |
| 1. Food and kindred products. | 1933 | 40,285 | 666,237 | 620,557,720 | 4,210,015,149 | 6,604,036,429 | 2,394,021,280 |
| | ⁵ 1931 | 47,767 | 635,359 | 725,668,668 | 5,315,248,375 | 7,958,361,779 | 2,643,113,404 |
| | ⁶ 1929 | 55,277 | 737,931 | 890,866,021 | 8,296,258,091 | 11,606,368,135 | 3,310,110,044 |
| | ⁷ 1927 | 48,900 | 668,279 | 812,444,587 | 7,803,405,291 | 10,612,292,908 | 2,808,887,617 |
| | | | | | | | |
| 2. Textiles and their products. | 1933 | 19,265 | 1,474,325 | 1,017,300,800 | 2,533,168,044 | 4,811,237,757 | 2,278,069,713 |
| | ⁸ 1931 | 23,750 | 1,420,808 | 1,288,178,871 | 3,019,986,204 | 5,849,031,785 | 2,829,045,681 |
| | ⁹ 1929 | 27,404 | 1,707,798 | 1,733,031,423 | 5,103,845,724 | 9,243,302,523 | 4,130,456,799 |
| | ¹⁰ 1927 | 26,843 | 1,694,416 | 1,759,958,139 | 4,922,715,868 | 8,950,472,873 | 3,027,577,005 |
| | | | | | | | |
| 3. Forest products..... | 1933 | 12,295 | 454,171 | 289,096,768 | 509,181,862 | 1,127,404,693 | 618,222,831 |
| | ¹¹ 1931 | 16,010 | 509,665 | 440,176,241 | 763,630,726 | 1,646,921,527 | 883,290,801 |
| | ¹² 1929 | 26,724 | 866,599 | 926,201,317 | 1,559,731,805 | 3,531,281,776 | 1,971,649,971 |
| | ¹³ 1927 | 20,004 | 854,957 | 919,303,416 | 1,611,562,322 | 3,404,762,113 | 1,793,209,791 |
| | | | | | | | |
| 4. Paper and allied products. | 1933 | 2,697 | 196,380 | 172,841,982 | 654,646,541 | 1,172,742,984 | 518,096,443 |
| | ¹⁴ 1931 | 2,883 | 194,581 | 214,337,492 | 758,010,033 | 1,357,682,014 | 599,671,981 |
| | ¹⁵ 1929 | 3,126 | 233,393 | 287,530,792 | 1,092,722,103 | 1,892,251,148 | 799,629,045 |
| | ¹⁶ 1927 | 2,972 | 224,437 | 272,153,670 | 1,082,363,311 | 1,785,997,679 | 703,634,368 |
| | | | | | | | |
| 5. Printing, publishing, and allied indus- tries. | 1933 | 19,395 | 264,106 | 355,625,374 | 377,844,587 | 1,733,437,479 | 1,355,592,892 |
| | ¹⁷ 1931 | 24,918 | 316,769 | 588,010,826 | 581,020,590 | 2,497,214,143 | 1,916,193,553 |
| | ¹⁸ 1929 | 27,522 | 357,988 | 636,371,372 | 706,483,548 | 3,170,139,651 | 2,403,656,103 |
| | ¹⁹ 1927 | 25,433 | 328,603 | 586,183,261 | 755,037,068 | 2,859,860,389 | 2,104,822,721 |
| | | | | | | | |
| 6. Chemicals and allied products. | 1933 | 6,527 | 237,480 | 220,771,146 | 968,472,553 | 2,117,513,188 | 1,149,040,635 |
| | ²⁰ 1931 | 7,444 | 230,370 | 263,270,677 | 1,255,458,950 | 2,650,635,023 | 1,916,178,073 |
| | ²¹ 1929 | 8,224 | 279,138 | 351,984,157 | 1,935,058,349 | 3,702,672,063 | 1,767,613,714 |
| | ²² 1927 | 7,500 | 252,106 | 316,026,502 | 1,782,568,555 | 3,315,228,053 | 1,632,650,498 |
| | | | | | | | |
| 7. Products of petro- leum and coal. | 1933 | 1,211 | 110,453 | 144,648,744 | 1,285,560,676 | 1,871,493,835 | 585,933,159 |
| | ²³ 1931 | 1,317 | 120,146 | 182,867,008 | 1,551,793,861 | 2,264,817,027 | 713,083,166 |
| | ²⁴ 1929 | 1,497 | 147,216 | 229,050,010 | 2,546,840,193 | 3,647,747,957 | 1,100,967,764 |
| | ²⁵ 1927 | 1,418 | 141,655 | 217,485,282 | 2,262,698,554 | 3,060,225,699 | 797,527,145 |
| | | | | | | | |
| 8. Rubber products.... | 1933 | 408 | 108,283 | 99,116,552 | 211,396,716 | 472,743,587 | 261,346,871 |
| | ²⁶ 1931 | 453 | 99,269 | 112,596,379 | 252,867,163 | 614,268,307 | 361,398,144 |
| | ²⁷ 1929 | 525 | 149,148 | 207,805,597 | 578,677,681 | 1,117,480,252 | 553,782,571 |
| | ²⁸ 1927 | 516 | 141,997 | 198,073,843 | 660,370,200 | 1,225,077,114 | 654,706,905 |
| | | | | | | | |
| 9. Leather and its man- ufactures. | 1933 | 3,265 | 282,000 | 222,487,448 | 544,737,292 | 996,772,988 | 452,035,696 |
| | ²⁹ 1931 | 3,702 | 272,767 | 262,129,700 | 665,200,319 | 1,189,876,183 | 523,075,864 |
| | ³⁰ 1929 | 4,285 | 318,472 | 359,460,686 | 1,132,022,266 | 1,906,200,994 | 774,178,728 |
| | ³¹ 1927 | 4,272 | 316,081 | 364,536,761 | 1,088,316,473 | 1,869,615,351 | 780,798,878 |
| | | | | | | | |
| 10. Stone, clay, and glass products. | 1933 | 4,528 | 173,000 | 142,141,636 | 212,154,614 | 608,699,486 | 396,544,872 |
| | ³² 1931 | 6,408 | 222,856 | 248,859,500 | 316,468,149 | 925,318,329 | 608,850,180 |
| | ³³ 1929 | 8,514 | 328,417 | 432,817,393 | 526,339,979 | 1,561,414,590 | 1,035,074,611 |
| | ³⁴ 1927 | 8,673 | 350,017 | 464,272,991 | 594,774,314 | 1,612,548,765 | 1,017,774,451 |
| | | | | | | | |
| 11. Iron and steel and their products, not including machin- ery. | 1933 | 5,133 | 554,108 | 500,379,049 | 1,400,829,861 | 2,463,000,843 | 1,062,170,982 |
| | ³⁵ 1931 | 5,965 | 597,953 | 705,125,215 | 1,806,370,361 | 3,277,405,752 | 1,471,035,861 |
| | ³⁶ 1929 | 6,640 | 880,882 | 1,380,086,821 | 3,862,873,486 | 6,137,928,068 | 3,275,054,672 |
| | ³⁷ 1927 | 6,340 | 834,967 | 1,263,812,844 | 3,544,615,067 | 6,197,694,839 | 2,652,979,522 |
| | | | | | | | |
| 12. Nonferrous metals and their products. | 1933 | 4,919 | 188,271 | 166,721,547 | 641,126,563 | 1,068,753,411 | 427,626,848 |
| | ³⁸ 1931 | 6,310 | 208,855 | 240,177,110 | 862,187,480 | 1,449,281,562 | 567,074,082 |
| | ³⁹ 1929 | 7,522 | 314,741 | 443,466,623 | 2,465,444,198 | 3,607,057,717 | 1,181,613,519 |
| | ⁴⁰ 1927 | 6,761 | 272,607 | 383,184,596 | 1,783,213,460 | 2,677,107,246 | 893,893,777 |
| | | | | | | | |
| 13. Machinery, not in- cluding transpor- tation equipment. | 1933 | 9,710 | 538,593 | 501,770,426 | 789,239,157 | 2,069,418,923 | 1,280,179,766 |
| | ⁴¹ 1931 | 11,339 | 693,834 | 795,460,987 | 1,215,246,221 | 3,405,688,654 | 2,190,442,433 |
| | ⁴² 1929 | 13,143 | 1,01,053 | 1,647,347,385 | 2,730,830,777 | 7,103,863,704 | 4,383,032,927 |
| | ⁴³ 1927 | 12,147 | 893,059 | 1,296,749,655 | 2,079,036,642 | 5,406,839,782 | 3,327,850,140 |
| | | | | | | | |
| 14. Transportation equip- ment, air, land, and water. | 1933 | 1,551 | 307,373 | 319,315,723 | 1,292,289,578 | 2,058,195,466 | 765,905,888 |
| | ⁴⁴ 1931 | 2,058 | 373,759 | 468,609,220 | 1,736,927,675 | 2,808,625,589 | 1,161,697,914 |
| | ⁴⁵ 1929 | 2,550 | 583,355 | 943,221,905 | 3,683,148,078 | 6,047,209,380 | 2,364,061,312 |
| | ⁴⁶ 1927 | 2,537 | 494,905 | 803,297,856 | 2,907,949,399 | 4,692,971,606 | 1,786,022,207 |
| | | | | | | | |

For footnotes, see end of table.

SUMMARY BY GROUPS OF INDUSTRIES: 1927 TO 1933—Continued

| GROUP | Cen- sus year | Num- ber of estab- lish- ments | Wage earners (aver- age for the year) | Wages | Cost of ma- terials, con- tainers, fuel, and pur- chased elec- tric energy | Value of products | Value added by manu- facture ¹ |
|------------------------------------|---------------------|--|---|--------------------------|---|----------------------------|---|
| | | | | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> |
| 15. Railroad repair shops | 1933 | 1,901 | 241,875 | 284,449,927 | 191,845,201 | 506,031,832 | 314,186,631 |
| | 1931 | 2,167 | 309,034 | 435,247,970 | 298,823,638 | 740,782,962 | 441,939,324 |
| | 1929 | 2,297 | 398,156 | 637,311,434 | 548,343,565 | 1,269,916,839 | 721,573,274 |
| | 1927 | 2,309 | 428,672 | 648,908,452 | 545,491,754 | 1,289,695,158 | 744,203,404 |
| 16. Miscellaneous in- dustries. | 1933 | 8,679 | 261,081 | 204,351,127 ⁸ | 998,313,583 | 1,677,357,437 | 679,043,854 |
| | 1931 | 11,758 | 300,696 | 303,015,191 ⁷ | 1,280,579,826 | 2,312,634,671 ⁷ | 1,032,054,845 |
| | 1929 | 14,612 | 417,410 | 500,533,958 ⁸ | 1,359,280,203 ⁸ | 3,426,094,915 | (9) |
| | 1927 | 14,313 | 440,366 | 529,586,690 ⁸ | 1,377,984,712 | 3,316,779,866 | (9) |

¹ Value of products less cost of materials, containers, fuel, and purchased electric energy.

² Revised by deducting data for "Coffee and spices, roasting and grinding," and "Peanuts, walnuts, and other nuts, processed or shelled" industries, which were not canvassed for 1933.

³ Additional revision (see footnote 2) made for comparison with 1933. See footnote 7.

⁴ Revised to exclude data for "Coffee and spices, roasting and grinding" and "Peanuts, walnuts, and other nuts, processed or shelled" industries, which were not canvassed for 1933, and to include data for "Liquors, distilled, and ethyl alcohol" (formerly "Alcohol, ethyl, and distilled liquors") and "Liquors, vinous" industries, transferred from group 6.

⁵ Revised for comparison with 1933. See "Changes in Classification," p. 217.

⁶ Amount of internal-revenue tax paid in tobacco industries included in "Cost of materials," etc., to avoid inflating "Value added by manufacture." (See "Inclusion of internal-revenue tax in cost of materials and value of products," p. 654.)

⁷ Revised for comparison with 1933. See footnote 6.

⁸ Not including internal-revenue tax. See footnote 6.

⁹ No figures comparable with those for 1931 and 1933 available. See footnote 6.

Group 1.—FOOD AND KINDRED PRODUCTS

THE GROUP AS A WHOLE

[See p. 39.]

This group of industries embraces the manufacture of foods, beverages, and certain related products, including prepared feeds for animals and fowls. The manufacture of ice is also included, as well as that of chewing gum, but the tobacco-manufacturing industries are classified in the "Miscellaneous industries" group (no. 16). Measured by value of products, Group 1 outranks all others.

Considerable duplication occurs in the figures for cost of materials and value of products for the industries in this group, because of the fact that to a large extent the products of certain industries are used as materials by others. For example: The products of flour mills and of sugar refineries become, in large measure, materials for bakeries and for candy factories, respectively. Thus the gross value of products for the group as a whole is considerably greater than the net value of its products in the form in which they reach the ultimate consumer.

Changes in classification.—At the census for 1933, two of the industries formerly classified in this group, namely, "Coffee and spices, roasting and grinding" and "Peanuts, walnuts, and other nuts, processed or shelled," were abandoned; the former classification "Liquors, malt," which had been abandoned at the census for 1923, was restored; and the "Liquors, distilled, and ethyl alcohol" (formerly "Alcohol, ethyl, and distilled liquors") and "Liquors, vinous" industries were transferred to this group from Group 6. The aggregates for the group and the totals for the subgroup "Vegetable products, except beverages," for 1931 and earlier years, as given in the summary for Group 1, have been adjusted for comparison with 1933.

SUMMARY FOR GROUP 1.—FOOD AND KINDRED PRODUCTS: 1927 TO 1933

[See "Changes in classification," above]

| INDUSTRY | Census year | Number of establishments | Wage earners (average for the year) | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ¹ |
|--------------------------|-------------|--------------------------|-------------------------------------|-----------------|--|--------------------|---|
| Aggregate for the group. | 1933 | 40, 285 | 666, 237 | \$620, 557, 720 | \$4, 210, 015, 149 | \$6, 604, 036, 429 | \$2, 394, 021, 280 |
| | 1931 | 47, 767 | 635, 359 | 725, 608, 668 | 5, 315, 248, 375 | 7, 058, 361, 779 | 2, 643, 113, 404 |
| | 1929 | 55, 277 | 737, 931 | 890, 866, 021 | 8, 296, 258, 091 | 11, 606, 368, 135 | 3, 310, 110, 044 |
| | 1927 | 48, 900 | 665, 279 | 812, 444, 587 | 7, 803, 405, 291 | 10, 612, 292, 908 | 2, 808, 887, 617 |
| Animal products, total | 1933 | 10, 370 | 178, 791 | 170, 076, 351 | 1, 870, 028, 248 | 2, 415, 559, 001 | 545, 530, 753 |
| | 1931 | 11, 922 | 171, 063 | 208, 921, 731 | 2, 671, 812, 994 | 3, 353, 724, 904 | 681, 911, 910 |
| | 1929 | 12, 761 | 201, 745 | 262, 185, 788 | 4, 263, 956, 868 | 5, 148, 495, 998 | 884, 539, 130 |
| | 1927 | 11, 774 | 189, 645 | 249, 881, 090 | 3, 815, 253, 936 | 4, 563, 035, 919 | 747, 781, 983 |
| | Butter | 1933 | 3, 166 | 16, 468 | 15, 061, 646 | 316, 842, 997 | 385, 512, 135 |
| | 1931 | 3, 967 | 15, 667 | 18, 622, 665 | 393, 227, 501 | 463, 472, 108 | 70, 244, 607 |
| | 1929 | 3, 527 | 19, 097 | 24, 197, 840 | 635, 873, 536 | 746, 417, 620 | 110, 544, 034 |
| | 1927 | 3, 519 | 20, 096 | 25, 532, 586 | 637, 336, 685 | 739, 010, 876 | 101, 674, 191 |

For footnotes, see end of table.

SUMMARY FOR GROUP I.—FOOD AND KINDRED PRODUCTS: 1927 to 1933—Con.

[See "Changes in classification," p. 42]

| INDUSTRY | Census year | Number of establishments | Wage earners (average for the year) | Wages | Cost of materials, fuel, and purchased electric energy | Value of products | Value added by manufacture ¹ |
|---|-------------|--------------------------|-------------------------------------|-------------|--|-------------------|---|
| ✓ Canned and preserved fish, crabs, shrimps, oysters, and clams. | 1933 | 264 | 9,993 | \$4,472,985 | \$26,248,486 | \$40,559,806 | \$14,311,320 |
| | 1931 | 304 | 8,591 | 5,222,490 | 28,403,818 | 42,351,747 | 13,947,929 |
| | 1929 | 348 | 13,612 | 8,799,059 | 53,239,911 | 80,948,513 | 27,608,602 |
| | 1927 | 337 | 12,650 | 8,105,581 | 42,891,656 | 65,082,187 | 22,100,631 |
| ✓ Cheese | 1933 | 2,157 | 3,141 | 2,910,317 | 46,791,409 | 57,833,899 | 10,542,400 |
| | 1931 | 2,371 | 2,964 | 3,563,957 | 54,081,378 | 68,072,251 | 13,990,875 |
| | 1929 | 2,758 | 3,401 | 4,588,067 | 92,727,217 | 110,644,732 | 17,917,515 |
| | 1927 | 2,738 | 3,520 | 4,897,205 | 100,787,583 | 118,447,737 | 17,600,174 |
| ✓ Condensed and evaporated milk. | 1933 | 436 | 6,331 | 6,100,070 | 66,698,147 | 131,086,300 | 34,388,153 |
| | 1931 | 485 | 6,121 | 7,256,004 | 109,307,438 | 148,668,031 | 39,200,593 |
| | 1929 | 535 | 7,065 | 8,795,629 | 163,786,818 | 209,109,700 | 45,322,882 |
| | 1927 | 464 | 7,890 | 9,190,599 | 159,680,081 | 200,086,091 | 40,406,010 |
| ✓ Ice cream | 1933 | 2,118 | 14,367 | 16,144,678 | 66,314,733 | 158,386,304 | 92,071,571 |
| | 1931 | 2,948 | 17,819 | 25,416,338 | 110,503,763 | 268,514,553 | 158,010,700 |
| | 1929 | 3,150 | 22,399 | 33,803,044 | 155,964,886 | 328,413,911 | 179,449,525 |
| | 1927 | 2,961 | 21,027 | 33,107,615 | 160,602,029 | 301,644,991 | 152,042,962 |
| ✓ Meat packing, wholesale | 1933 | 1,078 | 113,193 | 112,265,704 | 1,202,539,178 | 1,490,085,488 | 287,546,310 |
| | 1931 | 1,209 | 106,707 | 134,529,752 | 1,839,259,901 | 2,180,828,462 | 341,563,561 |
| | 1929 | 1,277 | 122,505 | 165,867,420 | 2,974,127,757 | 3,434,654,098 | 400,526,341 |
| | 1927 | 1,250 | 119,095 | 161,583,827 | 2,063,740,403 | 3,057,215,718 | 393,475,315 |
| ✓ Poultry killing, dressing, and packing, wholesale. ² | 1933 | 437 | 7,471 | 4,862,362 | 51,852,752 | 66,156,977 | 14,304,225 |
| | 1931 | 497 | 6,982 | 5,944,204 | 77,066,847 | 97,560,080 | 19,898,233 |
| | 1929 | 485 | 7,769 | 7,284,558 | 106,866,508 | 130,161,230 | 23,295,724 |
| ✓ Sausage, meat puddings, headcheese, etc., and sausage casings, not made in meat-packing establishments. | 1933 | 714 | 7,797 | 8,258,589 | 62,740,546 | 86,498,092 | 23,697,542 |
| | 1931 | 741 | 6,242 | 8,366,281 | 59,272,359 | 84,332,672 | 25,000,326 |
| | 1929 | 681 | 5,897 | 8,850,172 | 81,371,687 | 108,246,194 | 26,874,507 |
| | 1927 | 505 | 4,967 | 7,463,677 | 60,215,599 | 81,548,299 | 21,332,700 |
| Vegetable products except beverages, total. | 1933 | 22,895 | 423,716 | 376,507,790 | 2,161,743,740 | 3,510,035,494 | 1,348,291,754 |
| | 1931 | 27,443 | 414,051 | 451,558,509 | 2,618,798,059 | 4,177,352,780 | 1,658,554,701 |
| | 1929 | 33,198 | 474,051 | 545,557,373 | 3,853,811,959 | 5,919,863,493 | 2,066,051,534 |
| | 1927 | 29,157 | 425,212 | 491,969,854 | 3,831,389,656 | 5,585,103,539 | 1,753,713,838 |
| ✓ Bread and other bakery products. | 1933 | 14,830 | 182,382 | 196,072,192 | 427,464,965 | 919,777,532 | 492,312,567 |
| | 1931 | 17,718 | 183,161 | 230,331,201 | 505,477,095 | 1,190,047,770 | 684,570,675 |
| | 1929 | 20,785 | 200,841 | 274,561,581 | 737,099,500 | 1,526,110,811 | 789,011,311 |
| | 1927 | 18,129 | 171,995 | 236,225,862 | 693,236,163 | 1,394,700,224 | 701,464,061 |
| ✓ Canned and dried fruits and vegetables; preserves, jellies, fruit butters, pickles, and sauces. | 1933 | 2,072 | 84,274 | 45,238,889 | 268,419,882 | 439,988,206 | 171,508,324 |
| | 1931 | 2,535 | 80,184 | 54,001,402 | 322,004,905 | 513,001,043 | 190,996,138 |
| | 1929 | 2,997 | 98,866 | 74,978,590 | 462,062,128 | 750,342,041 | 288,279,913 |
| | 1927 | 2,436 | 80,924 | 62,309,660 | 355,185,602 | 572,345,862 | 217,160,280 |
| ✓ Cereal preparations | 1933 | 103 | 7,115 | 7,260,523 | 55,014,971 | 111,025,686 | 56,010,715 |
| | 1931 | 111 | 7,018 | 9,004,921 | 69,426,667 | 141,583,317 | 72,156,650 |
| | 1929 | 121 | 6,488 | 8,875,622 | 101,471,521 | 175,223,126 | 73,751,605 |
| | 1927 | 77 | 6,028 | 8,417,246 | 91,748,332 | 155,563,286 | 63,814,954 |
| ✓ Chewing gum | 1933 | 31 | 2,445 | 2,298,693 | 12,599,010 | 41,654,480 | 29,055,470 |
| | 1931 | 35 | 2,147 | 2,463,910 | 16,824,097 | 51,339,706 | 34,515,009 |
| | 1929 | 37 | 2,265 | 2,732,946 | 23,231,172 | 60,160,126 | 36,928,954 |
| | 1927 | 40 | 2,524 | 2,727,236 | 27,167,504 | 62,001,320 | 34,833,816 |
| ✓ Chocolate and cocoa products, not including confectionery. | 1933 | 54 | 6,460 | 6,114,572 | 41,672,193 | 67,754,144 | 26,181,951 |
| | 1931 | 65 | 5,677 | 6,649,143 | 50,044,692 | 87,346,160 | 37,301,468 |
| | 1929 | 59 | 6,249 | 7,778,061 | 79,649,371 | 119,540,693 | 39,991,322 |
| | 1927 | 69 | 6,427 | 7,339,405 | 90,422,352 | 122,723,229 | 32,300,377 |
| ✓ Confectionery | 1933 | 1,218 | 50,609 | 32,991,077 | 114,164,308 | 211,833,211 | 97,668,903 |
| | 1931 | 1,566 | 51,262 | 42,153,408 | 144,743,435 | 284,157,191 | 139,408,756 |
| | 1929 | 2,021 | 63,501 | 56,442,674 | 215,192,474 | 393,209,849 | 178,077,375 |
| | 1927 | 1,908 | 63,163 | 56,980,548 | 218,372,553 | 391,927,343 | 173,554,790 |
| ✓ Corn sirup, corn sugar, corn oil, and starch. | 1933 | 28 | 7,591 | 8,574,654 | 47,419,618 | 93,360,979 | 45,941,361 |
| | 1931 | 43 | 6,652 | 7,903,169 | 54,033,814 | 98,723,386 | 44,689,572 |
| | 1929 | 35 | 6,730 | 9,872,909 | 104,284,827 | 165,983,739 | 61,098,912 |
| | 1927 | 26 | 6,972 | 10,480,679 | 90,906,776 | 134,461,166 | 43,555,390 |

For footnotes, see end of table.

SUMMARY FOR GROUP 1.—FOOD AND KINDRED PRODUCTS: 1927 TO 1933—Con.

[See "Changes in classification," p. 42]

| INDUSTRY | Census year | Number of establishments | Wage earners (average for the year) | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ¹ |
|--|-------------|--------------------------|-------------------------------------|-------------|--|-------------------|---|
| ✓ Feeds, prepared, for animals and fowls. | 1933 | 710 | 8,791 | \$7,865,616 | \$122,070,363 | \$161,343,173 | \$39,272,810 |
| | 1931 | 796 | 8,449 | 9,401,528 | 162,733,833 | 209,921,164 | 47,187,331 |
| | 1929 | 750 | 10,223 | 12,821,386 | 327,919,743 | 402,752,534 | 74,832,701 |
| | 1927 | 447 | 7,632 | 9,702,954 | 244,675,705 | 299,792,642 | 55,116,937 |
| ✓ Flavoring extracts and flavoring sirups. | 1933 | 383 | 2,287 | 2,183,847 | 20,333,119 | 54,168,946 | 33,835,827 |
| | 1931 | 626 | 5,204 | 6,877,268 | 48,575,303 | 119,237,816 | 70,662,513 |
| | 1929 | 642 | 5,041 | 7,070,860 | 55,517,926 | 129,086,237 | 73,568,311 |
| | 1927 | 500 | 5,011 | 7,134,274 | 51,090,727 | 107,219,395 | 56,128,668 |
| B Flour and other grain-mill products. | 1933 | 1,932 | 23,207 | 22,591,371 | 438,670,740 | 574,210,035 | 135,539,295 |
| | 1931 | 2,412 | 22,840 | 27,298,079 | 461,090,593 | 598,040,724 | 136,950,131 |
| | 1929 | 4,022 | 27,028 | 35,072,386 | 868,872,569 | 1,060,269,418 | 191,396,849 |
| | 1927 | 4,035 | 29,982 | 37,559,472 | 972,711,040 | 1,148,760,360 | 176,049,320 |
| Food preparations not elsewhere classified. | 1933 | 802 | 10,664 | 8,992,493 | 100,609,281 | 152,753,626 | 52,144,345 |
| | 1931 | 782 | 8,939 | 9,120,489 | 90,170,587 | 147,545,519 | 57,374,932 |
| | 1929 | 862 | 10,616 | 11,657,726 | 96,387,639 | 171,860,987 | 75,473,348 |
| | 1927 | 674 | 10,294 | 11,386,636 | 98,248,740 | 166,964,672 | 68,715,932 |
| Macaroni, spaghetti, vermicelli, and noodles. | 1933 | 296 | 5,492 | 4,264,619 | 20,385,288 | 35,891,909 | 15,506,621 |
| | 1931 | 309 | 4,764 | 4,474,196 | 20,311,386 | 36,324,902 | 15,913,516 |
| | 1929 | 353 | 5,072 | 5,384,353 | 27,336,126 | 47,074,230 | 19,738,104 |
| | 1927 | 353 | 4,587 | 5,070,936 | 27,433,792 | 45,353,200 | 17,919,408 |
| Malt..... | 1933 | 30 | 848 | 1,283,431 | 20,662,150 | 27,922,786 | 7,260,636 |
| | 1931 | 27 | 540 | 866,480 | 13,919,952 | 19,241,934 | 5,321,982 |
| | 1929 | 28 | 590 | 1,056,759 | 18,923,749 | 23,602,938 | 6,079,189 |
| | 1927 | 23 | 500 | 904,420 | 17,186,750 | 20,274,172 | 3,087,422 |
| Oleomargarine (margarine) not made in meat-packing establishments. | 1933 | 16 | 841 | 855,479 | 8,311,993 | 12,765,620 | 4,463,627 |
| | 1931 | 32 | 1,043 | 1,352,161 | 15,269,214 | 22,817,501 | 7,548,287 |
| | 1929 | 41 | 1,534 | 2,263,700 | 30,890,075 | 46,521,823 | 15,681,748 |
| | 1927 | 36 | 1,502 | 2,258,464 | 27,145,141 | 39,282,364 | 12,137,223 |
| ✓ Rice cleaning and polishing.. | 1933 | 50 | 1,636 | 1,022,285 | 22,696,668 | 30,683,380 | 7,986,712 |
| | 1931 | 55 | 1,503 | 1,276,166 | 31,812,904 | 40,359,686 | 8,546,782 |
| | 1929 | 60 | 1,689 | 1,448,594 | 38,443,529 | 48,793,777 | 10,350,248 |
| | 1927 | 60 | 1,524 | 1,546,315 | 46,480,679 | 54,129,640 | 7,048,967 |
| Shortenings (other than lard), vegetable cooking oils, and salad oils. | 1933 | 49 | 3,658 | 3,216,556 | 68,149,045 | 85,829,574 | 17,680,529 |
| | 1931 | 50 | 3,692 | 4,011,297 | 99,840,912 | 115,302,165 | 15,461,253 |
| | 1929 | 49 | 4,296 | 4,381,248 | 139,030,964 | 154,553,197 | 15,522,233 |
| | 1927 | 33 | 2,655 | 2,624,371 | 137,078,600 | 148,468,076 | 11,389,476 |
| ✓ Sugar, beet..... | 1933 | 84 | 10,706 | 10,883,753 | 76,127,188 | 127,133,272 | 51,006,084 |
| | 1931 | 67 | 6,241 | 7,548,337 | 62,324,565 | 85,672,749 | 23,348,184 |
| | 1929 | 82 | 7,496 | 10,020,743 | 70,960,908 | 108,552,581 | 37,591,673 |
| | 1927 | 79 | 7,402 | 9,709,969 | 79,016,770 | 104,926,584 | 25,909,814 |
| ✓ Sugar, cane, not including products of refineries. | 1933 | 67 | 2,871 | 1,227,874 | 11,593,849 | 18,233,202 | 6,639,353 |
| | 1931 | 68 | 2,032 | 1,332,665 | 10,007,813 | 13,981,079 | 3,973,266 |
| | 1929 | 70 | 2,319 | 1,642,463 | 12,222,558 | 18,325,792 | 6,103,234 |
| | 1927 | 53 | 971 | 639,154 | 5,830,411 | 8,009,120 | 2,178,709 |
| ✓ Sugar refining, cane..... | 1933 | 19 | 11,495 | 12,237,321 | 281,535,944 | 337,075,225 | 55,539,281 |
| | 1931 | 19 | 11,855 | 15,547,243 | 335,932,606 | 395,302,939 | 59,370,333 |
| | 1929 | 21 | 13,912 | 17,850,493 | 438,399,151 | 507,389,262 | 68,990,111 |
| | 1927 | 21 | 13,996 | 17,707,257 | 551,594,278 | 597,446,632 | 45,851,354 |
| ✓ Vinegar and cider..... | 1933 | 121 | 844 | 723,545 | 3,943,165 | 6,630,508 | 2,687,343 |
| | 1931 | 137 | 818 | 885,446 | 4,248,686 | 7,506,009 | 3,257,323 |
| | 1929 | 172 | 979 | 1,021,581 | 6,016,029 | 10,450,332 | 4,434,303 |
| | 1927 | 158 | 1,123 | 1,235,996 | 5,858,241 | 10,755,246 | 4,897,005 |
| Beverages and ice, total. | 1933 | 7,020 | 63,732 | 73,973,579 | 178,243,181 | 678,441,934 | 500,193,773 |
| | 1931 | 8,402 | 50,215 | 65,188,425 | 124,637,322 | 427,284,115 | 302,646,793 |
| | 1929 | 9,318 | 62,135 | 83,122,860 | 178,489,264 | 538,008,644 | 359,519,380 |
| | 1927 | 7,969 | 50,422 | 70,593,643 | 156,761,699 | 464,153,450 | 307,921,751 |
| Beverages, nonalcoholic..... | 1933 | 2,903 | 15,123 | 14,196,713 | 41,872,760 | 111,297,233 | 69,424,473 |
| | 1931 | 4,250 | 23,905 | 30,082,019 | 76,045,292 | 212,566,917 | 136,521,625 |
| | 1929 | 5,154 | 28,281 | 38,814,414 | 103,026,180 | 270,323,803 | 167,297,622 |
| | 1927 | 4,769 | 26,972 | 36,100,934 | 95,430,198 | 242,694,456 | 147,264,258 |

For footnotes, see end of table.

SUMMARY FOR GROUP 1.—FOOD AND KINDRED PRODUCTS: 1927 TO 1933—Con.

[See "Changes in classification," p. 42]

| INDUSTRY | Cen- sus year | Num- ber of estab- lish- ments | Wage earners (aver- age for the year) | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufac- ture ¹ |
|---|---------------------|--|--|--------------|--|----------------------|--|
| Ice, manufactured..... | 1933 | 3,320 | 21,332 | \$22,849,195 | \$26,959,456 | \$139,263,119 | \$112,303,663 |
| | 1931 | 4,111 | 25,217 | 33,656,385 | 35,078,310 | 192,027,308 | 156,948,998 |
| | 1929 | 4,110 | 32,184 | 42,399,295 | 39,808,164 | 210,952,264 | 171,144,100 |
| | 1927 | 3,159 | 22,120 | 32,611,118 | 40,815,512 | 184,794,988 | 143,979,476 |
| Liquors, distilled, and ethyl alcohol. | 1933 | 51 | 2,514 | 2,475,909 | 23,915,877 | 60,850,448 | 36,934,571 |
| | 1931 | 27 | 997 | 1,331,443 | 13,132,268 | 21,740,611 | 8,608,343 |
| | 1929 | 30 | 1,484 | 2,131,188 | 35,046,063 | 54,284,665 | 19,238,602 |
| | 1927 | 28 | 1,180 | 1,704,518 | 19,309,772 | 33,971,150 | 14,661,378 |
| Liquors, malt ² | 1933 | 525 | 23,501 | 33,479,953 | 76,193,568 | 342,947,276 | 266,753,708 |
| Liquors, vinous..... | 1933 | 212 | 1,262 | 971,809 | 9,301,500 | 24,083,858 | 14,782,358 |
| | 1931 | 14 | 96 | 118,581 | 381,452 | 949,279 | 587,827 |
| | 1929 | 24 | 186 | 277,963 | 608,857 | 2,447,912 | 1,839,055 |
| | 1927 | 13 | 150 | 177,073 | 1,206,217 | 2,692,856 | 1,436,639 |

¹ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.² Revised; see "Changes in classification," p. 42.³ This industry was not canvassed at the census for 1927.⁴ Revised; revision not carried into total for subgroup or aggregate for group.⁵ See "Changes in classification," p. 42.

ALCOHOLIC BEVERAGES

(Preliminary reports for the "Liquors, distilled, and ethyl alcohol" and "Liquors, malt" industries were issued on Oct. 12 and Nov. 13, 1934)

Description of the industries.—The "Liquors, distilled, and ethyl alcohol" industry (formerly entitled "Alcohol, ethyl, and distilled liquors") embraces establishments engaged primarily in the production of whisky, brandy, rum, gin, and other distilled liquors, and of ethyl alcohol. It does not cover the manufacture of synthetic methanol nor of methanol produced by the distillation of wood, these being treated as products of the "Chemicals not elsewhere classified" and "Wood distillation and charcoal manufacture" industries, respectively.

The "Liquors, vinous" industry consists in the production of fermented wines of all kinds.

The "Liquors, malt" industry embraces establishments whose principal products are beer, other malt beverages, and malt extract. Brewers also manufacture considerable quantities of yeast, data for which are included in the report for the "Baking powder, yeast, and other leavening compounds" industry.

Establishments engaged solely in blending or rectifying distilled liquors, in fortifying wines, or in bottling products made by others, are not treated for census purposes as manufacturers and therefore no data for such establishments are included in these reports.

Comparison with earlier years.—For the distilled-liquors and vinous-liquors industries comparable "general statistics" for earlier years are given in table 1. For the malt-liquors industry, however, no such statistics are available. This industry classification was abandoned at the census for 1923 (since no brewed alcoholic beverages could be legally manufactured during the period within which the National Prohibition Act was in force) and was not restored until 1933.

Extent of coverage.—Before the beginning of the canvass, lists of distilleries, breweries, and wineries were obtained from the Bureau of Internal Revenue, and census schedules were mailed to all establishments named on these lists. As the result of a variety of causes beyond the Bureau's control, including the numerous industrial changes that were taking place during the period, it was impracticable to make as intensive a canvass as at prior censuses, and consequently the coverage was somewhat, though not seriously, incomplete.

Internal-revenue tax.—The manufacture of alcoholic beverages is subjected to internal-revenue taxation. The amounts of the tax are included in the values of malt liquors as reported to the Bureau, and are included in the values of vinous and distilled liquors in some but not all cases. These amounts are not, of course, included in the cost of materials and are not reported separately to the Bureau. It is impossible, therefore, to exclude them from the value added by manufacture (see sec. 20, p. 11), and as a result this item overstates the true amount of value created by the manufacturing processes in these industries.

TABLE 1.—SUMMARY FOR THE ALCOHOLIC BEVERAGES INDUSTRIES FOR THE UNITED STATES, 1927 TO 1933, AND FOR THE MALT LIQUORS INDUSTRY, BY STATES, 1933

| | Number of establishments | Number of salaried employes ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|--|--------------------------|--|---|-----------------------|--------|--|-------------------|---|
| | | | | | | | | |
| LIQUORS, DISTILLED, AND ETHYL ALCOHOL | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 51 | 611 | 2,514 | 595 | 2,476 | 23,916 | 60,850 | 36,985 |
| 1931..... | 27 | (⁴) | 997 | (⁵) | 1,331 | 13,132 | 21,741 | 8,608 |
| 1929..... | 30 | 368 | 1,484 | 1,195 | 2,131 | 35,046 | 54,285 | 19,239 |
| 1927..... | 28 | 296 | 1,180 | 367 | 1,705 | 19,310 | 33,971 | 14,661 |
| LIQUORS, VINOUS | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 212 | 370 | 1,262 | 296 | 972 | 9,302 | 24,084 | 14,782 |
| 1931..... | 14 | (⁴) | 96 | (⁵) | 119 | 381 | 949 | 568 |
| 1929..... | 24 | 55 | 186 | 282 | 278 | 609 | 2,448 | 1,839 |
| 1927..... | 13 | 87 | 150 | 204 | 177 | 1,208 | 2,693 | 1,487 |
| LIQUORS, MALT⁷ | | | | | | | | |
| <i>United States, 1933</i> | | | | | | | | |
| | 525 | 5,953 | 23,501 | 8,300 | 33,480 | 76,194 | 342,947 | 266,754 |
| <i>States</i> | | | | | | | | |
| California..... | 20 | 403 | 1,051 | 493 | 1,842 | 3,212 | 18,428 | 15,216 |
| Colorado..... | 4 | 33 | 260 | 42 | 301 | 969 | 2,944 | 1,975 |
| Connecticut..... | 9 | 53 | 251 | 82 | 343 | 1,026 | 3,393 | 2,367 |
| Illinois..... | 50 | 579 | 2,147 | 878 | 3,311 | 7,927 | 32,902 | 24,975 |
| Indiana..... | 10 | 95 | 503 | 113 | 572 | 2,131 | 6,140 | 4,009 |
| Iowa..... | 10 | 80 | 472 | 86 | 421 | 822 | 5,099 | 4,277 |
| Louisiana..... | 5 | 80 | 577 | 153 | 631 | 1,749 | 7,009 | 5,290 |
| Maryland..... | 10 | 155 | 442 | 195 | 694 | 1,471 | 6,044 | 4,573 |
| Massachusetts..... | 13 | 197 | 668 | 238 | 782 | 2,650 | 10,494 | 7,844 |
| Michigan..... | 32 | 193 | 1,019 | 355 | 1,241 | 2,569 | 13,175 | 10,608 |
| Minnesota..... | 16 | 255 | 1,015 | 525 | 1,449 | 3,119 | 20,403 | 17,285 |
| Missouri..... | 10 | 353 | 75 | 39 | 101 | 227 | 871 | 644 |
| Montana..... | 6 | 28 | 75 | 29 | 101 | 253 | 9,174 | 6,636 |
| New Jersey..... | 15 | 191 | 619 | 268 | 1,101 | 2,538 | 9,174 | 6,636 |
| New York..... | 60 | 1,166 | 4,737 | 1,934 | 7,729 | 15,548 | 73,545 | 57,997 |
| Ohio..... | 41 | 417 | 1,629 | 500 | 2,068 | 4,901 | 19,720 | 14,825 |
| Oregon..... | 4 | 20 | 39 | 21 | 56 | 175 | 647 | 472 |
| Pennsylvania..... | 90 | 649 | 2,774 | 918 | 4,340 | 8,713 | 43,179 | 34,466 |
| Rhode Island..... | 5 | 45 | 159 | 47 | 200 | 337 | 2,300 | 1,964 |
| Texas..... | 5 | 104 | 111 | 41 | 120 | 237 | 939 | 702 |
| Washington..... | 15 | 113 | 312 | 104 | 401 | 1,330 | 4,785 | 3,455 |
| Wisconsin..... | 80 | 613 | 3,740 | 992 | 4,814 | 12,403 | 52,709 | 40,366 |
| Other States ⁸ | 25 | 211 | 904 | 272 | 963 | 2,142 | 8,982 | 6,840 |

¹ Not including proprietors and firm members, as follows: Liquors, distilled, and ethyl alcohol, 1933, 1; 1931, no data; 1929, 1; 1927, 3. Liquors, vinous, 1933, 138; 1931, no data; 1929, 13; 1927, 5. Liquors, malt, 1933, 65.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11 and "Internal-revenue tax," p. 40.

⁴ The production of alcohol and distilled alcoholic beverages in 1933, as reported to the Bureau of Internal Revenue, Treasury Department, was as follows: Alcohol, 138,600,000 proof gallons; whisky, 18,865,000 proof gallons; brandy, 5,269,000 proof gallons; rum, 1,465,000 proof gallons; gin, 867,000 proof gallons. (A proof gallon contains $\frac{1}{4}$ of a standard gallon of 200-proof alcohol. For example: A proof gallon of 100-proof whisky—50 percent alcoholic content—is equal to $\frac{1}{2}$ standard gallon; a proof gallon of 80-proof gin—40 percent alcoholic content—is equal to $\frac{2}{3}$ standard gallons.)

⁵ No data.

⁶ The production of wine in 1933, as reported to the Bureau of Internal Revenue, amounted to 56,835,459 standard gallons.

⁷ See "Comparison with earlier years," p. 46.

⁸ The production of beer and other malt liquors in 1933, as reported to the Bureau of Internal Revenue, amounted to 26,094,225 barrels.

⁹ States included and numbers of establishments reporting, are Ariz., 1; Del., 1; D. C., 2; Fla., 2; Ga., 1; Iowa, 3; Ky., 4; Nebr., 3; Nev., 2; N. H., 1; Tenn., 2; Utah, 1; Wyo., 2.

TABLE 2.—LIQUORS, MALT—WAGE EARNERS, BY MONTHS, FOR SELECTED STATES: 1933

[The month of maximum employment is indicated by bold-faced figures and that of minimum employment by *italic* figures. For average for the year see table 1. See sec. 26, p. 13]

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|--------------------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| United States... | 8,008 | 8,284 | 9,227 | 20,527 | 24,589 | 28,196 | 30,868 | 31,758 | 31,927 | 30,405 | 28,856 | 29,271 |
| <i>States</i> | | | | | | | | | | | | |
| California..... | 380 | 576 | 392 | 1,063 | 1,040 | 1,199 | 1,277 | 1,479 | 1,423 | 1,299 | 1,218 | 1,460 |
| Colorado..... | 84 | 84 | 122 | 259 | 296 | 291 | 362 | 360 | 327 | 314 | 297 | 320 |
| Connecticut..... | 12 | 14 | 33 | 176 | 314 | 358 | 373 | 371 | 356 | 352 | 334 | 317 |
| Illinois..... | 1,007 | 1,224 | 1,415 | 2,030 | 2,282 | 2,402 | 2,733 | 2,695 | 2,682 | 2,476 | 2,403 | 2,418 |
| Indiana..... | 95 | 87 | 147 | 421 | 547 | 665 | 853 | 728 | 708 | 611 | 583 | 592 |
| Iowa..... | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 16 | 14 | 19 | 14 |
| Kentucky..... | 109 | 112 | 111 | 373 | 367 | 490 | 607 | 733 | 750 | 575 | 480 | 476 |
| Louisiana..... | 162 | 157 | 210 | 451 | 493 | 567 | 565 | 652 | 699 | 591 | 571 | 554 |
| Maryland..... | 119 | 125 | 144 | 361 | 389 | 541 | 669 | 813 | 890 | 956 | 948 | 968 |
| Massachusetts..... | 122 | 132 | 159 | 399 | 488 | 484 | 537 | 502 | 571 | 575 | 613 | 725 |
| Michigan..... | 139 | 144 | 138 | 216 | 458 | 623 | 779 | 1,029 | 1,083 | 1,122 | 1,114 | 1,170 |
| Minnesota..... | 453 | 450 | 464 | 1,035 | 1,119 | 1,250 | 1,365 | 1,379 | 1,217 | 1,182 | 1,159 | 1,154 |
| Missouri..... | 432 | 449 | 578 | 894 | 981 | 1,077 | 1,247 | 1,286 | 1,320 | 1,268 | 1,304 | 1,342 |
| Montana..... | 4 | 4 | 11 | 33 | 50 | 69 | 109 | 110 | 128 | 132 | 131 | 122 |
| Nebraska..... | 23 | 23 | 27 | 29 | 26 | 47 | 100 | 170 | 160 | 142 | 155 | 153 |
| New Jersey..... | 252 | 243 | 251 | 465 | 601 | 770 | 768 | 800 | 858 | 832 | 809 | 775 |
| New York..... | 1,858 | 1,858 | 1,974 | 4,419 | 5,367 | 6,063 | 6,214 | 6,387 | 6,145 | 5,815 | 5,334 | 5,426 |
| Ohio..... | 584 | 564 | 589 | 922 | 1,553 | 1,910 | 2,288 | 2,277 | 2,334 | 2,219 | 2,202 | 2,101 |
| Oregon..... | 12 | 12 | 14 | 21 | 25 | 31 | 35 | 34 | 47 | 79 | 78 | 75 |
| Pennsylvania..... | 718 | 713 | 824 | 2,371 | 2,872 | 3,333 | 3,696 | 3,832 | 3,794 | 3,697 | 3,685 | 3,752 |
| Rhode Island..... | 11 | 15 | 15 | 81 | 208 | 195 | 203 | 220 | 280 | 248 | 222 | 195 |
| Texas..... | 42 | 42 | 42 | 51 | 58 | 74 | 84 | 112 | 192 | 209 | 187 | 240 |
| Washington..... | 32 | 37 | 72 | 140 | 179 | 283 | 362 | 474 | 509 | 546 | 531 | 580 |
| Wisconsin..... | 1,308 | 1,291 | 1,349 | 4,054 | 4,597 | 5,129 | 5,248 | 4,809 | 4,837 | 4,564 | 3,903 | 3,789 |

BEVERAGES, NONALCOHOLIC

[A preliminary report for this industry was issued on Nov. 12, 1934]

Description of the industry.—This industry embraces establishments engaged primarily in the manufacture of carbonated beverages (not including spring waters), cereal beverages, and grape juice and other nonalcoholic still beverages. It does not include the production of cranberry juice, kraut juice, tomato juice, etc., which are classified as products of the "Canned and dried fruits and vegetables" industry. Many of the products of the beverage industry are made according to secret formulas and sold under trade-mark names. Some of the establishments report, as secondary products, sirups, extracts, ice, vinegar, candy, and ice cream. Establishments engaged solely in bottling products manufactured by others, or natural waters, are not classified in this industry. The manufacture of cider is not included here but is covered by the classification vinegar and cider. In the main, the statistics do not include data for establishments which manufacture fruit beverages and sell them at retail, although the canvass covered a number of such establishments which sold a part of their product at retail.

Extent of coverage.—The 1933 coverage of the establishments reporting in this industry for 1931 was practically complete. Of the 4,250 such establishments, 75 failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, but these establishments accounted for only slightly more than 1 percent of the total number of wage earners and for less than 1 percent of the total value of products reported for the industry for 1931.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

| | Number of establishments | Number of salaried employ-ees ^{1 2} | Number of wage earners (average for the year) | Salaries ³ | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manu-facture ⁴ |
|---|--------------------------|--|---|-----------------------|--------|--|-------------------|--|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 2,903 | 3,374 | 15,123 | 5,283 | 14,197 | 41,873 | 111,297 | 69,424 |
| 1931..... | 4,250 | (*) | 23,905 | (*) | 30,022 | 76,045 | 212,567 | 136,522 |
| 1929..... | 5,154 | 7,791 | 28,281 | 19,582 | 38,314 | 103,026 | 270,324 | 167,298 |
| 1927..... | 4,769 | 7,147 | 26,972 | 17,158 | 36,101 | 95,430 | 242,694 | 147,204 |
| <i>States</i> | | | | | | | | |
| <i>Alabama:</i> | | | | | | | | |
| 1933..... | 59 | 86 | 316 | 170 | 208 | 1,149 | 2,660 | 1,511 |
| 1931..... | 72 | (*) | 377 | (*) | 296 | 1,380 | 3,482 | 2,102 |
| <i>Arizona:</i> | | | | | | | | |
| 1933..... | 10 | 7 | 25 | 12 | 25 | 64 | 172 | 108 |
| 1931..... | 17 | (*) | 62 | (*) | 68 | 142 | 385 | 243 |
| <i>Arkansas:</i> | | | | | | | | |
| 1933..... | 45 | 57 | 228 | 114 | 169 | 734 | 1,812 | 1,078 |
| 1931..... | 57 | (*) | 228 | (*) | 209 | 778 | 2,051 | 1,273 |
| <i>California:</i> | | | | | | | | |
| 1933..... | 85 | 107 | 559 | 154 | 575 | 1,217 | 3,487 | 2,271 |
| 1931..... | 137 | (*) | 922 | (*) | 1,443 | 3,132 | 8,214 | 5,082 |

For footnotes, see end of table.

TABLE I.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

| | Number of establishments | Number of salaried employees ^{1 2} | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|---|---|-----------------------|-------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| Colorado: | | | | | | | | |
| 1933..... | 22 | 27 | 73 | 33 | 65 | 168 | 446 | 278 |
| 1931..... | 34 | (⁴) | 147 | (⁴) | 165 | 377 | 939 | 562 |
| Connecticut: | | | | | | | | |
| 1933..... | 57 | 49 | 156 | 58 | 138 | 446 | 1,114 | 608 |
| 1931..... | 84 | (⁴) | 237 | (⁴) | 286 | 733 | 2,032 | 1,209 |
| Delaware: | | | | | | | | |
| 1933..... | 7 | 2 | 17 | (⁴) | 18 | 48 | 134 | 86 |
| 1931..... | 8 | (⁴) | 21 | (⁴) | 24 | 88 | 212 | 124 |
| District of Columbia: | | | | | | | | |
| 1933..... | 12 | 21 | 150 | 36 | 170 | 384 | 1,028 | 644 |
| 1931..... | 19 | (⁴) | 191 | (⁴) | 289 | 633 | 1,770 | 1,137 |
| Florida: | | | | | | | | |
| 1933..... | 86 | 74 | 374 | 127 | 335 | 1,244 | 2,811 | 1,566 |
| 1931..... | 107 | (⁴) | 451 | (⁴) | 505 | 1,466 | 3,476 | 2,010 |
| Georgia: | | | | | | | | |
| 1933..... | 95 | 111 | 628 | 209 | 523 | 2,121 | 5,238 | 3,117 |
| 1931..... | 136 | (⁴) | 723 | (⁴) | 668 | 2,560 | 6,502 | 3,942 |
| Idaho: | | | | | | | | |
| 1933..... | 7 | 6 | 10 | 7 | 7 | 19 | 53 | 33 |
| 1931..... | 11 | (⁴) | 16 | (⁴) | 19 | 42 | 118 | 76 |
| Illinois: | | | | | | | | |
| 1933..... | 156 | 170 | 773 | 204 | 702 | 1,907 | 5,482 | 3,574 |
| 1931..... | 219 | (⁴) | 1,646 | (⁴) | 2,386 | 5,806 | 17,946 | 12,140 |
| Indiana: | | | | | | | | |
| 1933..... | 83 | 93 | 392 | 124 | 367 | 965 | 2,482 | 1,518 |
| 1931..... | 104 | (⁴) | 503 | (⁴) | 601 | 1,415 | 3,726 | 2,311 |
| Iowa: | | | | | | | | |
| 1933..... | 73 | 78 | 311 | 106 | 295 | 563 | 1,567 | 1,004 |
| 1931..... | 86 | (⁴) | 332 | (⁴) | 394 | 807 | 2,212 | 1,405 |
| Kansas: | | | | | | | | |
| 1933..... | 40 | 37 | 148 | 40 | 126 | 324 | 807 | 484 |
| 1931..... | 55 | (⁴) | 176 | (⁴) | 197 | 449 | 1,207 | 753 |
| Kentucky: | | | | | | | | |
| 1933..... | 50 | 58 | 295 | 87 | 264 | 946 | 2,431 | 1,485 |
| 1931..... | 73 | (⁴) | 475 | (⁴) | 492 | 1,337 | 3,886 | 2,549 |
| Louisiana: | | | | | | | | |
| 1933..... | 45 | 77 | 413 | 142 | 308 | 1,579 | 4,148 | 2,569 |
| 1931..... | 63 | (⁴) | 615 | (⁴) | 568 | 2,156 | 6,327 | 4,172 |
| Maine: | | | | | | | | |
| 1933..... | 29 | 20 | 70 | 22 | 63 | 172 | 463 | 260 |
| 1931..... | 42 | (⁴) | 98 | (⁴) | 105 | 258 | 779 | 521 |
| Maryland: | | | | | | | | |
| 1933..... | 49 | 48 | 278 | 72 | 282 | 712 | 1,801 | 1,089 |
| 1931..... | 63 | (⁴) | 449 | (⁴) | 512 | 1,149 | 3,286 | 2,137 |
| Massachusetts: | | | | | | | | |
| 1933..... | 126 | 224 | 708 | 373 | 755 | 2,523 | 6,825 | 4,302 |
| 1931..... | 185 | (⁴) | 1,035 | (⁴) | 1,338 | 5,095 | 12,733 | 7,038 |
| Michigan: | | | | | | | | |
| 1933..... | 68 | 79 | 328 | 127 | 285 | 898 | 2,862 | 1,964 |
| 1931..... | 115 | (⁴) | 509 | (⁴) | 641 | 1,615 | 4,564 | 2,949 |
| Minnesota: | | | | | | | | |
| 1933..... | 41 | 51 | 194 | 56 | 171 | 387 | 1,046 | 659 |
| 1931..... | 80 | (⁴) | 637 | (⁴) | 838 | 1,612 | 4,673 | 3,060 |
| Mississippi: | | | | | | | | |
| 1933..... | 54 | 67 | 304 | 110 | 223 | 1,052 | 2,412 | 1,361 |
| 1931..... | 65 | (⁴) | 341 | (⁴) | 357 | 1,227 | 2,950 | 1,723 |
| Missouri: | | | | | | | | |
| 1933..... | 103 | 107 | 584 | 155 | 605 | 1,264 | 3,493 | 2,228 |
| 1931..... | 132 | (⁴) | 1,079 | (⁴) | 1,271 | 2,474 | 7,306 | 4,832 |
| Montana: | | | | | | | | |
| 1933..... | 11 | 10 | 21 | 6 | 23 | 43 | 109 | 66 |
| 1931..... | 17 | (⁴) | 38 | (⁴) | 53 | 91 | 257 | 166 |
| Nebraska: | | | | | | | | |
| 1933..... | 32 | 24 | 84 | 26 | 72 | 177 | 486 | 310 |
| 1931..... | 46 | (⁴) | 138 | (⁴) | 158 | 300 | 844 | 543 |
| New Hampshire: | | | | | | | | |
| 1933..... | 17 | 15 | 64 | 15 | 52 | 112 | 301 | 189 |
| 1931..... | 26 | (⁴) | 98 | (⁴) | 111 | 165 | 462 | 297 |
| New Jersey: | | | | | | | | |
| 1933..... | 100 | 182 | 818 | 440 | 1,139 | 1,414 | 4,309 | 2,895 |
| 1931..... | 163 | (⁴) | 1,268 | (⁴) | 2,069 | 2,203 | 9,975 | 7,772 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

| | Number of establishments | Number of salaried employes ^{1,2} | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|--|--------------------------|--|---|-----------------------|-------|--|-------------------|---|
| Thousands of dollars. (See sec. 25, p. 13) | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| New Mexico: | | | | | | | | |
| 1933..... | 8 | 5 | 17 | 5 | 10 | 55 | 139 | 84 |
| 1931..... | 14 | (⁴) | 25 | (⁴) | 33 | 81 | 228 | 147 |
| New York: | | | | | | | | |
| 1933..... | 218 | 247 | 1,326 | 383 | 1,325 | 3,616 | 11,222 | 7,607 |
| 1931..... | 384 | (⁴) | 2,908 | (⁴) | 4,239 | 11,420 | 31,804 | 20,384 |
| North Carolina: | | | | | | | | |
| 1933..... | 107 | 119 | 615 | 223 | 569 | 2,237 | 5,603 | 3,366 |
| 1931..... | 124 | (⁴) | 639 | (⁴) | 705 | 2,618 | 6,629 | 4,011 |
| North Dakota: | | | | | | | | |
| 1933..... | 12 | 15 | 39 | 12 | 33 | 65 | 178 | 113 |
| 1931..... | 14 | (⁴) | 30 | (⁴) | 37 | 81 | 215 | 134 |
| Ohio: | | | | | | | | |
| 1933..... | 126 | 214 | 779 | 289 | 774 | 1,857 | 4,638 | 2,980 |
| 1931..... | 194 | (⁴) | 1,182 | (⁴) | 1,492 | 3,167 | 9,105 | 5,938 |
| Oklahoma: | | | | | | | | |
| 1933..... | 50 | 47 | 204 | 53 | 165 | 520 | 1,302 | 783 |
| 1931..... | 69 | (⁴) | 232 | (⁴) | 288 | 678 | 1,788 | 1,110 |
| Oregon: | | | | | | | | |
| 1933..... | 7 | 4 | 10 | 5 | 8 | 43 | 104 | 60 |
| 1931..... | 21 | (⁴) | 64 | (⁴) | 93 | 167 | 468 | 302 |
| Pennsylvania: | | | | | | | | |
| 1933..... | 210 | 215 | 959 | 293 | 860 | 2,065 | 5,260 | 3,195 |
| 1931..... | 382 | (⁴) | 2,008 | (⁴) | 2,725 | 5,472 | 14,891 | 9,419 |
| Rhode Island: | | | | | | | | |
| 1933..... | 10 | 32 | 94 | 53 | 97 | 216 | 605 | 389 |
| 1931..... | 33 | (⁴) | 128 | (⁴) | 134 | 336 | 977 | 641 |
| South Carolina: | | | | | | | | |
| 1933..... | 53 | 66 | 257 | 87 | 197 | 1,010 | 2,514 | 1,504 |
| 1931..... | 66 | (⁴) | 311 | (⁴) | 287 | 1,146 | 2,945 | 1,799 |
| South Dakota: | | | | | | | | |
| 1933..... | 14 | 9 | 29 | 9 | 25 | 72 | 188 | 116 |
| 1931..... | 18 | (⁴) | 33 | (⁴) | 36 | 84 | 214 | 129 |
| Tennessee: | | | | | | | | |
| 1933..... | 60 | 81 | 380 | 141 | 321 | 1,345 | 3,478 | 2,133 |
| 1931..... | 76 | (⁴) | 501 | (⁴) | 534 | 1,703 | 4,550 | 2,847 |
| Texas: | | | | | | | | |
| 1933..... | 210 | 185 | 1,036 | 320 | 921 | 3,104 | 7,650 | 4,546 |
| 1931..... | 260 | (⁴) | 1,208 | (⁴) | 1,317 | 3,668 | 9,521 | 5,853 |
| Utah: | | | | | | | | |
| 1933..... | 8 | 7 | 31 | 10 | 20 | 75 | 196 | 121 |
| 1931..... | 15 | (⁴) | 77 | (⁴) | 86 | 189 | 488 | 300 |
| Vermont: | | | | | | | | |
| 1933..... | 5 | 4 | 13 | 2 | 12 | 19 | 59 | 40 |
| 1931..... | 9 | (⁴) | 22 | (⁴) | 27 | 47 | 134 | 87 |
| Virginia: | | | | | | | | |
| 1933..... | 86 | 85 | 408 | 161 | 406 | 1,411 | 3,446 | 2,035 |
| 1931..... | 93 | (⁴) | 482 | (⁴) | 562 | 1,758 | 4,488 | 2,730 |
| Washington: | | | | | | | | |
| 1933..... | 24 | 22 | 67 | 26 | 59 | 180 | 464 | 284 |
| 1931..... | 39 | (⁴) | 118 | (⁴) | 140 | 410 | 976 | 566 |
| West Virginia: | | | | | | | | |
| 1933..... | 44 | 61 | 203 | 94 | 181 | 474 | 1,160 | 686 |
| 1931..... | 67 | (⁴) | 292 | (⁴) | 322 | 809 | 2,039 | 1,280 |
| Wisconsin: | | | | | | | | |
| 1933..... | 75 | 68 | 315 | 89 | 239 | 850 | 2,849 | 1,999 |
| 1931..... | 142 | (⁴) | 802 | (⁴) | 941 | 2,640 | 8,521 | 5,831 |
| Nevada and Wyoming: | | | | | | | | |
| 1933..... | 5 | 1 | 12 | ⁴ | 10 | 25 | 62 | 37 |
| 1931..... | 14 | (⁴) | 31 | (⁴) | 42 | 83 | 224 | 142 |

¹ Not including proprietors and firm members, as follows: 1933, 1,645; 1931, no data; 1929, 4,534; 1927, 4,759.
² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative officers are included in the figures for any year.
³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.
⁴ No data.
⁵ Withheld to avoid disclosing compensation of individual employees; included in figure for Nevada and Wyoming.
⁶ Includes compensation of 2 employees in Delaware.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929

| | 1933 | 1931 | 1929 |
|--|---------------|---------------|------------------|
| 1. Beverage industry, all products, total value..... | \$111,297,233 | \$212,566,917 | \$270,323,803 |
| 2. Carbonated, cereal, and still beverages, and grape juice..... | 110,422,045 | 205,846,872 | 260,486,192 |
| 3. Other products (not normally belonging to the industry)..... | 875,188 | 6,720,045 | 9,837,611 |
| 4. Carbonated, cereal, and still beverages, and grape juice, made as secondary products in other industries..... | 6,830,624 | 4,811,735 | 4,944,244 |
| Beverages, aggregate value (2 and 4)..... | \$117,252,669 | \$210,658,607 | \$265,430,436 |
| Carbonated beverages: | | | |
| Case goods, cases..... | 129,033,498 | 191,315,369 | (¹) |
| Bulk goods, gallons..... | 5,162,120 | 8,639,143 | (¹) |
| Value..... | \$109,519,123 | \$169,792,916 | \$210,210,938 |
| Still beverages: | | | |
| Case goods, cases..... | 1,175,273 | 3,193,695 | (¹) |
| Bulk goods, gallons..... | 356,904 | 1,197,418 | (¹) |
| Value..... | \$986,474 | \$2,781,363 | \$4,111,300 |
| Cereal beverages: | | | |
| Gallons..... | 12,126,493 | 95,815,217 | (¹) |
| Value..... | \$4,110,842 | \$33,599,053 | \$45,959,400 |
| Grape juice: | | | |
| Gallons..... | 3,248,958 | 4,378,639 | (¹) |
| Value..... | \$2,636,230 | \$4,485,285 | \$5,148,708 |

¹ Data incomplete.

TABLE 3.—WAGE EARNERS, BY MONTHS, BY STATES: 1933 AND 1931

(For average for the year, see table 1. The month of maximum employment is indicated by bold-faced figures and that of minimum employment by *italic* figures)

| | NUMBER REPORTED FOR— | | | | | | | | | | | |
|-----------------------|----------------------|---------------|------------|--------|--------|--------|--------|--------|--------|-----------|------------|------------|
| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
| <i>United States</i> | | | | | | | | | | | | |
| 1933..... | 13,000 | <i>12,896</i> | 13,344 | 14,192 | 15,418 | 16,941 | 17,266 | 17,382 | 16,678 | 15,692 | 14,296 | 14,269 |
| 1931..... | 20,396 | 20,537 | 21,236 | 23,424 | 25,631 | 27,938 | 29,464 | 28,732 | 25,741 | 22,897 | 20,699 | 20,260 |
| <i>States</i> | | | | | | | | | | | | |
| Alabama: | | | | | | | | | | | | |
| 1933..... | <i>289</i> | 291 | 297 | 306 | 317 | 327 | 323 | 333 | 341 | 331 | 316 | 318 |
| 1931..... | 350 | 350 | 356 | 374 | 395 | 408 | 411 | 412 | 401 | 379 | 343 | 340 |
| Arizona: | | | | | | | | | | | | |
| 1933..... | <i>22</i> | <i>22</i> | 23 | 23 | 24 | 31 | 31 | 23 | 29 | <i>22</i> | 23 | 23 |
| 1931..... | 51 | 51 | 55 | 68 | 74 | 78 | 80 | 76 | 68 | 56 | 44 | <i>42</i> |
| Arkansas: | | | | | | | | | | | | |
| 1933..... | 202 | 213 | <i>199</i> | 218 | 251 | 242 | 258 | 257 | 266 | 222 | 209 | 201 |
| 1931..... | 205 | 214 | 217 | 212 | 236 | 285 | 263 | 282 | 239 | 213 | 190 | 179 |
| California: | | | | | | | | | | | | |
| 1933..... | <i>473</i> | 478 | 513 | 549 | 562 | 595 | 618 | 624 | 622 | 579 | 556 | 533 |
| 1931..... | 836 | 820 | 888 | 946 | 976 | 1,043 | 1,123 | 1,067 | 997 | 854 | 779 | 730 |
| Colorado: | | | | | | | | | | | | |
| 1933..... | <i>55</i> | 56 | <i>55</i> | 65 | 75 | 84 | 93 | 94 | 82 | 74 | 70 | 72 |
| 1931..... | 121 | 123 | 126 | 140 | 152 | 177 | 198 | 190 | 167 | 133 | 124 | 118 |
| Connecticut: | | | | | | | | | | | | |
| 1933..... | <i>155</i> | 136 | 139 | 150 | 161 | 181 | 193 | 189 | 172 | 146 | <i>155</i> | 139 |
| 1931..... | 179 | 184 | 200 | 222 | 260 | 301 | 318 | 312 | 265 | 224 | 192 | 186 |
| Delaware: | | | | | | | | | | | | |
| 1933..... | <i>12</i> | <i>12</i> | <i>12</i> | 15 | 17 | 21 | 23 | 23 | 20 | 18 | 17 | 17 |
| 1931..... | 18 | 18 | 18 | 19 | 26 | 27 | 27 | 26 | 22 | 19 | 18 | 18 |
| District of Columbia: | | | | | | | | | | | | |
| 1933..... | 138 | 138 | 140 | 152 | 164 | 170 | 168 | 163 | 161 | 143 | 136 | <i>132</i> |
| 1931..... | 176 | <i>175</i> | 181 | 189 | 196 | 207 | 213 | 211 | 200 | 184 | 180 | 176 |
| Florida: | | | | | | | | | | | | |
| 1933..... | 357 | <i>354</i> | 359 | 364 | 374 | 379 | 379 | 395 | 393 | 385 | 373 | 373 |
| 1931..... | 437 | 437 | 440 | 449 | 467 | 473 | 476 | 471 | 454 | 442 | 437 | <i>431</i> |
| Georgia: | | | | | | | | | | | | |
| 1933..... | 595 | <i>591</i> | 594 | 606 | 620 | 640 | 654 | 664 | 657 | 643 | 638 | 631 |
| 1931..... | 680 | 682 | 695 | 727 | 753 | 780 | 792 | 782 | 749 | 700 | 669 | 660 |
| Idaho: | | | | | | | | | | | | |
| 1933..... | 6 | 6 | 7 | 8 | 10 | 13 | 15 | 15 | 11 | 9 | 8 | 8 |
| 1931..... | 9 | 9 | 10 | 12 | 17 | 27 | 29 | 28 | 21 | 12 | 11 | 10 |

TABLE 3.—WAGE EARNERS, BY MONTHS, BY STATES: 1933 AND 1931—Continued

[For average for the year, see table 1. The month of maximum employment is indicated by bold-faced figures and that of minimum employment by *italic* figures]

| | NUMBER REPORTED FOR— | | | | | | | | | | | |
|---------------------|----------------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|------------|------------|
| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
| <i>States—Cont.</i> | | | | | | | | | | | | |
| Illinois: | | | | | | | | | | | | |
| 1933..... | 649 | <i>657</i> | 664 | 719 | 795 | 893 | 932 | 935 | 862 | 765 | 713 | 708 |
| 1931..... | <i>1,305</i> | 1,324 | 1,400 | 1,600 | 1,882 | 2,016 | 2,193 | 2,015 | 1,784 | 1,495 | 1,377 | 1,307 |
| Indiana: | | | | | | | | | | | | |
| 1933..... | 322 | <i>330</i> | 323 | 349 | 386 | 475 | 471 | 472 | 458 | 388 | 366 | 366 |
| 1931..... | 410 | 412 | 417 | 496 | 541 | 631 | 677 | 670 | 563 | 432 | 403 | <i>336</i> |
| Iowa: | | | | | | | | | | | | |
| 1933..... | 244 | <i>241</i> | 249 | 264 | 311 | 389 | 401 | 394 | 361 | 304 | 291 | 281 |
| 1931..... | <i>250</i> | 255 | 265 | 296 | 336 | 421 | 479 | 481 | 392 | 293 | 260 | 254 |
| Kansas: | | | | | | | | | | | | |
| 1933..... | <i>109</i> | 110 | 113 | 125 | 155 | 184 | 191 | 195 | 174 | 146 | 134 | 134 |
| 1931..... | 127 | 134 | 146 | 165 | 200 | 233 | 257 | 243 | 208 | 150 | 125 | <i>121</i> |
| Kentucky: | | | | | | | | | | | | |
| 1933..... | <i>261</i> | 264 | 263 | 270 | 282 | 310 | 318 | 334 | 330 | 311 | 299 | 292 |
| 1931..... | 406 | 415 | 427 | 455 | 483 | 520 | 593 | 576 | 530 | 461 | 420 | 413 |
| Louisiana: | | | | | | | | | | | | |
| 1933..... | <i>366</i> | 371 | 371 | 391 | 408 | 436 | 439 | 449 | 463 | 445 | 413 | 404 |
| 1931..... | 528 | 549 | 566 | 633 | 688 | 694 | 737 | 680 | 643 | 617 | <i>520</i> | 529 |
| Maine: | | | | | | | | | | | | |
| 1933..... | 53 | 56 | 62 | 61 | 82 | 83 | 87 | 92 | 79 | 74 | 61 | <i>51</i> |
| 1931..... | 62 | 60 | 73 | 88 | 117 | 143 | 154 | 150 | 117 | 83 | 68 | <i>53</i> |
| Maryland: | | | | | | | | | | | | |
| 1933..... | <i>246</i> | 251 | 248 | 267 | 296 | 315 | 321 | 318 | 300 | 267 | 257 | 255 |
| 1931..... | 406 | 405 | 412 | 430 | 475 | 500 | 522 | 535 | 485 | 421 | 403 | <i>396</i> |
| Massachusetts: | | | | | | | | | | | | |
| 1933..... | <i>544</i> | 571 | 616 | 669 | 760 | 894 | 896 | 878 | 786 | 668 | 620 | 595 |
| 1931..... | 863 | 869 | 917 | 1,053 | 1,208 | 1,316 | 1,368 | 1,292 | 1,017 | 868 | 801 | 846 |
| Michigan: | | | | | | | | | | | | |
| 1933..... | <i>256</i> | 271 | 277 | 296 | 335 | 389 | 415 | 383 | 400 | 315 | 292 | 308 |
| 1931..... | <i>373</i> | 396 | 417 | 483 | 540 | 656 | 712 | 666 | 566 | 511 | 400 | 390 |
| Minnesota: | | | | | | | | | | | | |
| 1933..... | 160 | <i>159</i> | 161 | 176 | 202 | 227 | 241 | 234 | 217 | 189 | 181 | 184 |
| 1931..... | 508 | 517 | 537 | 623 | 728 | 792 | 838 | 821 | 699 | 576 | 511 | 490 |
| Mississippi: | | | | | | | | | | | | |
| 1933..... | 281 | <i>278</i> | 283 | 294 | 310 | 315 | 318 | 322 | 322 | 312 | 306 | 302 |
| 1931..... | 320 | 316 | 321 | 339 | 356 | 375 | 375 | 370 | 361 | 338 | 314 | <i>312</i> |
| Missouri: | | | | | | | | | | | | |
| 1933..... | 506 | <i>504</i> | 505 | 547 | 586 | 682 | 689 | 685 | 647 | 574 | 542 | 541 |
| 1931..... | 800 | 908 | 959 | 1,072 | 1,124 | 1,246 | 1,373 | 1,287 | 1,168 | 1,026 | 956 | 932 |
| Montana: | | | | | | | | | | | | |
| 1933..... | 18 | 20 | 18 | 20 | 19 | 26 | 27 | 27 | 22 | 19 | 18 | 20 |
| 1931..... | 33 | 33 | 36 | 37 | 41 | 47 | 47 | 46 | 41 | 34 | 33 | <i>32</i> |
| Nebraska: | | | | | | | | | | | | |
| 1933..... | 66 | <i>65</i> | 67 | 75 | 86 | 107 | 109 | 109 | 94 | 79 | 74 | 74 |
| 1931..... | 94 | 93 | 103 | 126 | 150 | 192 | 209 | 201 | 170 | 123 | 104 | 88 |
| New Hampshire: | | | | | | | | | | | | |
| 1933..... | 55 | 53 | 55 | 59 | 67 | 81 | 86 | 87 | 70 | 54 | <i>48</i> | 51 |
| 1931..... | <i>77</i> | 77 | 82 | 93 | 104 | 126 | 129 | 128 | 115 | 89 | 77 | 77 |
| New Jersey: | | | | | | | | | | | | |
| 1933..... | 719 | <i>708</i> | 718 | 747 | 888 | 967 | 968 | 921 | 846 | 772 | 747 | 816 |
| 1931..... | 1,030 | <i>1,025</i> | 1,050 | 1,185 | 1,297 | 1,495 | 1,614 | 1,578 | 1,416 | 1,193 | 1,133 | 1,204 |
| New Mexico: | | | | | | | | | | | | |
| 1933..... | 14 | <i>14</i> | 14 | 16 | 17 | 19 | 20 | 20 | 19 | 17 | 15 | 15 |
| 1931..... | 19 | 19 | 20 | 22 | 31 | 34 | 36 | 35 | 25 | 22 | 21 | 18 |
| New York: | | | | | | | | | | | | |
| 1933..... | 1,078 | <i>1,012</i> | 1,090 | 1,211 | 1,344 | 1,512 | 1,545 | 1,548 | 1,448 | 1,742 | 1,181 | 1,195 |
| 1931..... | <i>2,469</i> | 2,506 | 2,510 | 2,861 | 3,081 | 3,372 | 3,476 | 3,467 | 3,071 | 3,043 | 2,570 | 2,483 |
| North Carolina: | | | | | | | | | | | | |
| 1933..... | 585 | <i>581</i> | 581 | 585 | 598 | 627 | 629 | 645 | 654 | 640 | 630 | 623 |
| 1931..... | <i>599</i> | <i>599</i> | 624 | 640 | 655 | 669 | 676 | 676 | 660 | 633 | 621 | 610 |
| North Dakota: | | | | | | | | | | | | |
| 1933..... | <i>27</i> | <i>27</i> | 29 | 30 | 36 | 49 | 53 | 51 | 49 | 42 | 38 | 37 |
| 1931..... | 26 | 26 | 26 | 27 | 32 | 35 | 41 | 41 | 35 | 31 | <i>25</i> | <i>23</i> |
| Ohio: | | | | | | | | | | | | |
| 1933..... | <i>678</i> | 684 | 701 | 752 | 799 | 870 | 871 | 878 | 847 | 779 | 742 | 753 |
| 1931..... | <i>1,019</i> | 1,028 | 1,051 | 1,120 | 1,228 | 1,333 | 1,485 | 1,462 | 1,259 | 1,146 | 1,037 | 1,028 |
| Oklahoma: | | | | | | | | | | | | |
| 1933..... | <i>163</i> | 164 | 178 | 195 | 208 | 239 | 247 | 247 | 223 | 206 | 193 | 189 |
| 1931..... | 177 | 173 | 189 | 225 | 264 | 310 | 322 | 315 | 268 | 210 | 175 | <i>162</i> |
| Oregon: | | | | | | | | | | | | |
| 1933..... | 7 | <i>6</i> | 8 | 9 | 11 | 13 | 14 | 15 | 12 | 9 | 8 | 8 |
| 1931..... | 49 | 49 | 51 | 56 | 73 | 86 | 91 | 89 | 76 | 52 | 48 | <i>46</i> |

TABLE 3.—WAGE EARNERS, BY MONTHS, BY STATES: 1933 AND 1931—Continued
 [For average for the year, see table 1. The month of maximum employment is indicated by bold-faced figures and that of minimum employment by *italic* figures]

| | NUMBER REPORTED FOR— | | | | | | | | | | | |
|----------------------|----------------------|------------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
| <i>States—Contd.</i> | | | | | | | | | | | | |
| Pennsylvania: | | | | | | | | | | | | |
| 1933 | 835 | <i>886</i> | 848 | 907 | 975 | 1,050 | 1,057 | 1,117 | 1,083 | 1,023 | 896 | 888 |
| 1931 | 1,808 | 1,821 | 1,819 | 1,970 | 2,113 | 2,260 | 2,334 | 2,314 | 2,194 | 1,959 | 1,777 | 1,722 |
| Rhode Island: | | | | | | | | | | | | |
| 1933 | <i>81</i> | <i>87</i> | <i>87</i> | 86 | 102 | 119 | 109 | 109 | 99 | 92 | 84 | 84 |
| 1931 | 98 | 99 | 97 | 119 | 131 | 162 | 174 | 178 | 155 | 119 | 105 | 103 |
| South Carolina: | | | | | | | | | | | | |
| 1933 | 246 | <i>245</i> | 249 | 252 | 255 | 258 | 259 | 263 | 267 | 266 | 266 | 263 |
| 1931 | 291 | <i>290</i> | 304 | 313 | 320 | 327 | 331 | 331 | 326 | 309 | 298 | 295 |
| South Dakota: | | | | | | | | | | | | |
| 1933 | 19 | 19 | <i>18</i> | 21 | 31 | 39 | 38 | 38 | 35 | 29 | 20 | 27 |
| 1931 | <i>20</i> | <i>20</i> | 21 | 25 | 34 | 51 | 66 | 62 | 40 | 30 | 26 | 23 |
| Tennessee: | | | | | | | | | | | | |
| 1933 | 357 | <i>355</i> | 356 | 363 | 376 | 404 | 412 | 437 | 430 | 406 | 390 | 387 |
| 1931 | 458 | 463 | 472 | 495 | 529 | 566 | 569 | 555 | 515 | 483 | 459 | 460 |
| Texas: | | | | | | | | | | | | |
| 1933 | <i>861</i> | 866 | 899 | 974 | 1,073 | 1,150 | 1,162 | 1,204 | 1,193 | 1,098 | 981 | 976 |
| 1931 | 1,002 | 1,011 | 1,077 | 1,201 | 1,305 | 1,444 | 1,464 | 1,451 | 1,344 | 1,191 | 1,025 | 980 |
| Utah: | | | | | | | | | | | | |
| 1933 | <i>25</i> | <i>25</i> | <i>25</i> | 31 | 32 | 35 | 37 | 36 | 32 | 30 | 30 | 32 |
| 1931 | 53 | 55 | 55 | 76 | 85 | 106 | 123 | 121 | 83 | 59 | 58 | 64 |
| Vermont: | | | | | | | | | | | | |
| 1933 | 9 | 9 | 8 | 10 | 14 | 17 | 17 | 18 | 17 | 12 | 10 | 10 |
| 1931 | <i>14</i> | 15 | 15 | 16 | 26 | 30 | 35 | 32 | 26 | 19 | 15 | 15 |
| Virginia: | | | | | | | | | | | | |
| 1933 | 388 | <i>385</i> | 391 | 393 | 410 | 423 | 433 | 435 | 428 | 411 | 402 | 399 |
| 1931 | 453 | 446 | 454 | 472 | 500 | 516 | 528 | 530 | 505 | 482 | 440 | 444 |
| Washington: | | | | | | | | | | | | |
| 1933 | <i>53</i> | <i>53</i> | 59 | 59 | 62 | 67 | 69 | 79 | 79 | 100 | 63 | 65 |
| 1931 | 104 | 101 | 105 | 113 | 134 | 142 | 151 | 147 | 120 | 104 | 98 | 97 |
| West Virginia: | | | | | | | | | | | | |
| 1933 | 174 | <i>171</i> | <i>171</i> | 194 | 202 | 223 | 235 | 231 | 232 | 214 | 199 | 195 |
| 1931 | 255 | 252 | 261 | 282 | 307 | 336 | 352 | 350 | 325 | 285 | 250 | 240 |
| Wisconsin: | | | | | | | | | | | | |
| 1933 | <i>254</i> | 290 | 294 | 309 | 318 | 356 | 377 | 376 | 332 | 310 | 285 | 282 |
| 1931 | 719 | <i>692</i> | 749 | 773 | 825 | 907 | 966 | 957 | 822 | 764 | 728 | 716 |
| Nevada and Wyoming: | | | | | | | | | | | | |
| 1933 | 7 | 7 | 8 | 10 | 12 | 15 | 18 | 17 | 14 | 12 | 11 | 12 |
| 1931 | <i>21</i> | <i>21</i> | 22 | 26 | 31 | 43 | 47 | 43 | 34 | 30 | 23 | 22 |

BREAD AND OTHER BAKERY PRODUCTS

[Preliminary reports for "Biscuit and crackers" and for the "Bakery-products" industry were issued on Sept. 4 and Nov. 24, 1934, respectively]

Description of the industry.—This classification is applied to industrial establishments engaged primarily in baking bread, biscuit, crackers, cakes, pastry, etc. Bakeries operated in connection with restaurants, chain stores, etc., are included whenever it is possible to segregate the bakery business from the other business, or, if such segregation is impossible, where it is obvious that the income derived from the bakery business constitutes the greater part of the total income.

This industry embraces two distinct branches for which separate statistics are given in table 1. The first branch—"Biscuit and crackers"—comprises establishments operating on a factory basis and manufacturing biscuit, crackers, machine-made cookies, pretzels, etc., designed to be packed in containers so as to retain their palatability for an indefinite period. The second branch—"Bakery products other than biscuit and crackers"—comprises bakeries engaged in the production of bread, cakes, pies, and other commodities designed for consumption within a few days and distributed locally or within the radius of quick delivery.

Detailed statistics of products.—Although the schedules used for canvassing the bakery industry at the several biennial censuses beginning with that for 1923 have called for detailed data on products, the returns have been incomplete to a certain degree, and some establishments which made satisfactory returns at one census have failed to do so at another. Furthermore, many of the smaller bakeries do not keep complete records and therefore are unable to supply detailed data on their output. These facts should be kept in mind in making use of table 2, and careful consideration should be given to the headnote on that table.

Extent of coverage.—The 1933 coverage of the bakeries reporting for 1931 was somewhat, but not seriously, incomplete. Of the 17,718 such bakeries, 999 failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, but these bakeries accounted for less than one and one-half percent of the total number of wage earners and of the total value of products reported for the industry for 1931.

TABLE 1.—SUMMARY FOR THE INDUSTRY AND FOR ITS BRANCHES, FOR THE UNITED STATES, 1927 TO 1933, AND FOR THE INDUSTRY, BY STATES, 1933 AND 1931

| | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|---|---|-----------------------|----------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | |
| THE INDUSTRY AS A WHOLE | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 14, 830 | 16, 471 | 182, 382 | 25, 011 | 196, 672 | 427, 465 | 919, 778 | 492, 313 |
| 1931..... | 17, 718 | (⁴) | 183, 161 | (⁴) | 239, 331 | 505, 477 | 1, 190, 048 | 684, 571 |
| 1929..... | 20, 785 | 21, 641 | 200, 841 | 49, 885 | 274, 662 | 737, 100 | 1, 526, 111 | 789, 011 |
| 1927..... | 18, 129 | 19, 637 | 171, 995 | 46, 740 | 236, 226 | 693, 236 | 1, 394, 700 | 701, 464 |
| <i>States</i> | | | | | | | | |
| Alabama: | | | | | | | | |
| 1933..... | 67 | 171 | 1, 202 | 205 | 907 | 2, 413 | 4, 985 | 2, 572 |
| 1931..... | 67 | (⁴) | 1, 333 | (⁴) | 1, 171 | 2, 436 | 5, 636 | 3, 200 |
| Arizona: | | | | | | | | |
| 1933..... | 37 | 29 | 280 | 41 | 319 | 809 | 1, 694 | 855 |
| 1931..... | 42 | (⁴) | 303 | (⁴) | 407 | 954 | 2, 031 | 1, 078 |
| Arkansas: | | | | | | | | |
| 1933..... | 46 | 73 | 661 | 86 | 554 | 1, 353 | 2, 838 | 1, 485 |
| 1931..... | 69 | (⁴) | 734 | (⁴) | 690 | 1, 545 | 3, 478 | 1, 933 |
| California: | | | | | | | | |
| 1933..... | 992 | 1, 030 | 11, 115 | 1, 644 | 13, 604 | 26, 676 | 59, 544 | 32, 868 |
| 1931..... | 1, 119 | (⁴) | 10, 661 | (⁴) | 15, 562 | 31, 700 | 74, 625 | 42, 926 |
| Colorado: | | | | | | | | |
| 1933..... | 136 | 136 | 1, 485 | 186 | 1, 429 | 3, 320 | 7, 188 | 3, 868 |
| 1931..... | 154 | (⁴) | 1, 572 | (⁴) | 1, 847 | 3, 970 | 9, 463 | 5, 484 |
| Connecticut: | | | | | | | | |
| 1933..... | 293 | 296 | 2, 811 | 397 | 3, 225 | 7, 184 | 14, 175 | 6, 991 |
| 1931..... | 316 | (⁴) | 2, 544 | (⁴) | 3, 595 | 7, 425 | 16, 162 | 8, 726 |
| Delaware: | | | | | | | | |
| 1933..... | 29 | 28 | 322 | 38 | 296 | 628 | 1, 361 | 733 |
| 1931..... | 29 | (⁴) | 260 | (⁴) | 276 | 791 | 1, 897 | 1, 106 |
| District of Columbia: | | | | | | | | |
| 1933..... | 63 | 118 | 1, 547 | 239 | 2, 205 | 3, 254 | 7, 695 | 4, 442 |
| 1931..... | 81 | (⁴) | 1, 491 | (⁴) | 2, 635 | 3, 806 | 9, 717 | 5, 911 |
| Florida: | | | | | | | | |
| 1933..... | 134 | 163 | 1, 573 | 242 | 1, 484 | 3, 415 | 7, 199 | 3, 784 |
| 1931..... | 129 | (⁴) | 1, 492 | (⁴) | 1, 550 | 3, 423 | 7, 904 | 4, 481 |
| Georgia: | | | | | | | | |
| 1933..... | 82 | 177 | 1, 836 | 255 | 1, 467 | 3, 741 | 8, 129 | 4, 388 |
| 1931..... | 85 | (⁴) | 1, 676 | (⁴) | 1, 586 | 4, 205 | 9, 540 | 5, 335 |
| Idaho: | | | | | | | | |
| 1933..... | 42 | 22 | 226 | 29 | 200 | 661 | 1, 151 | 490 |
| 1931..... | 46 | (⁴) | 247 | (⁴) | 301 | 711 | 1, 471 | 761 |
| Illinois: | | | | | | | | |
| 1933..... | 1, 668 | 1, 534 | 14, 919 | 2, 140 | 17, 458 | 37, 324 | 78, 572 | 41, 248 |
| 1931..... | 1, 865 | (⁴) | 15, 054 | (⁴) | 21, 732 | 44, 097 | 103, 597 | 59, 500 |
| Indiana: | | | | | | | | |
| 1933..... | 313 | 406 | 4, 166 | 604 | 3, 996 | 9, 642 | 19, 444 | 9, 802 |
| 1931..... | 379 | (⁴) | 4, 228 | (⁴) | 5, 269 | 10, 919 | 24, 309 | 13, 389 |
| Iowa: | | | | | | | | |
| 1933..... | 255 | 342 | 3, 059 | 475 | 2, 717 | 7, 122 | 14, 435 | 7, 314 |
| 1931..... | 301 | (⁴) | 3, 233 | (⁴) | 3, 502 | 8, 347 | 18, 606 | 10, 259 |
| Kansas: | | | | | | | | |
| 1933..... | 176 | 126 | 1, 401 | 172 | 1, 290 | 2, 741 | 5, 507 | 2, 766 |
| 1931..... | 209 | (⁴) | 1, 458 | (⁴) | 1, 697 | 3, 309 | 7, 331 | 4, 022 |
| Kentucky: | | | | | | | | |
| 1933..... | 99 | 125 | 1, 627 | 169 | 1, 401 | 3, 675 | 6, 891 | 3, 216 |
| 1931..... | 125 | (⁴) | 1, 532 | (⁴) | 1, 671 | 3, 987 | 7, 933 | 3, 946 |
| Louisiana: | | | | | | | | |
| 1933..... | 150 | 191 | 1, 956 | 261 | 1, 594 | 4, 036 | 7, 970 | 3, 934 |
| 1931..... | 176 | (⁴) | 2, 222 | (⁴) | 2, 086 | 4, 549 | 9, 795 | 5, 245 |
| Maine: | | | | | | | | |
| 1933..... | 78 | 104 | 941 | 158 | 871 | 2, 325 | 4, 864 | 2, 539 |
| 1931..... | 101 | (⁴) | 966 | (⁴) | 1, 084 | 2, 854 | 6, 656 | 3, 802 |
| Maryland: | | | | | | | | |
| 1933..... | 273 | 292 | 4, 040 | 493 | 4, 112 | 8, 850 | 17, 957 | 9, 108 |
| 1931..... | 266 | (⁴) | 3, 828 | (⁴) | 4, 493 | 9, 254 | 21, 196 | 11, 942 |
| Massachusetts: | | | | | | | | |
| 1933..... | 1, 021 | 852 | 10, 797 | 1, 324 | 11, 907 | 25, 973 | 55, 569 | 29, 596 |
| 1931..... | 1, 119 | (⁴) | 10, 079 | (⁴) | 12, 754 | 29, 588 | 67, 805 | 38, 218 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE INDUSTRY AND FOR ITS BRANCHES, FOR THE UNITED STATES, 1927 TO 1933, AND FOR THE INDUSTRY, BY STATES, 1933 AND 1931—Continued

| | Number of establishments | Number of salaried employees ^{1 2} | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|---|---|-----------------------|--------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | |
| THE INDUSTRY AS A WHOLE—continued | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| Michigan: | | | | | | | | |
| 1933..... | 536 | 638 | 7,560 | 990 | 7,143 | 17,579 | 34,875 | 17,206 |
| 1931..... | 663 | (⁴) | 7,837 | (⁴) | 10,047 | 22,541 | 48,932 | 26,391 |
| Minnesota: | | | | | | | | |
| 1933..... | 331 | 330 | 3,467 | 452 | 3,050 | 7,140 | 15,326 | 8,187 |
| 1931..... | 375 | (⁴) | 3,282 | (⁴) | 3,661 | 9,026 | 20,906 | 11,880 |
| Mississippi: | | | | | | | | |
| 1933..... | 48 | 55 | 520 | 63 | 381 | 960 | 1,954 | 985 |
| 1931..... | 59 | (⁴) | 638 | (⁴) | 533 | 1,200 | 2,548 | 1,348 |
| Missouri: | | | | | | | | |
| 1933..... | 448 | 554 | 6,219 | 994 | 7,161 | 14,240 | 32,585 | 18,345 |
| 1931..... | 572 | (⁴) | 6,896 | (⁴) | 8,816 | 17,094 | 42,734 | 25,640 |
| Montana: | | | | | | | | |
| 1933..... | 62 | 44 | 364 | 90 | 353 | 1,028 | 1,939 | 912 |
| 1931..... | 74 | (⁴) | 413 | (⁴) | 557 | 1,186 | 2,658 | 1,472 |
| Nebraska: | | | | | | | | |
| 1933..... | 138 | 160 | 1,532 | 215 | 1,339 | 3,037 | 6,549 | 3,512 |
| 1931..... | 162 | (⁴) | 1,832 | (⁴) | 2,010 | 4,713 | 11,431 | 6,719 |
| Nevada: | | | | | | | | |
| 1933..... | 9 | 3 | 30 | 2 | 39 | 121 | 218 | 97 |
| 1931..... | 12 | (⁴) | 47 | (⁴) | 71 | 149 | 327 | 177 |
| New Hampshire: | | | | | | | | |
| 1933..... | 55 | 48 | 503 | 60 | 483 | 1,276 | 2,406 | 1,129 |
| 1931..... | 74 | (⁴) | 542 | (⁴) | 638 | 1,669 | 3,604 | 1,945 |
| New Jersey: | | | | | | | | |
| 1933..... | 634 | 528 | 7,588 | 892 | 9,176 | 19,296 | 41,883 | 22,586 |
| 1931..... | 800 | (⁴) | 6,725 | (⁴) | 10,152 | 20,490 | 48,574 | 28,084 |
| New Mexico: | | | | | | | | |
| 1933..... | 25 | 9 | 140 | 10 | 105 | 346 | 569 | 223 |
| 1931..... | 32 | (⁴) | 154 | (⁴) | 179 | 438 | 859 | 421 |
| New York: | | | | | | | | |
| 1933..... | 2,298 | 2,361 | 31,554 | 3,977 | 40,075 | 83,401 | 189,470 | 106,069 |
| 1931..... | 3,030 | (⁴) | 31,381 | (⁴) | 48,004 | 98,436 | 251,301 | 152,865 |
| North Carolina: | | | | | | | | |
| 1933..... | 62 | 136 | 1,287 | 206 | 1,153 | 2,703 | 5,573 | 2,870 |
| 1931..... | 73 | (⁴) | 1,267 | (⁴) | 1,312 | 2,847 | 6,217 | 3,371 |
| North Dakota: | | | | | | | | |
| 1933..... | 43 | 38 | 326 | 50 | 298 | 768 | 1,500 | 792 |
| 1931..... | 48 | (⁴) | 326 | (⁴) | 346 | 1,058 | 2,312 | 1,254 |
| Ohio: | | | | | | | | |
| 1933..... | 880 | 1,111 | 12,048 | 1,659 | 12,073 | 26,338 | 56,600 | 30,263 |
| 1931..... | 1,084 | (⁴) | 12,162 | (⁴) | 15,038 | 32,948 | 74,243 | 41,295 |
| Oklahoma: | | | | | | | | |
| 1933..... | 165 | 114 | 1,341 | 160 | 1,237 | 3,077 | 6,530 | 3,453 |
| 1931..... | 161 | (⁴) | 1,402 | (⁴) | 1,640 | 3,406 | 8,115 | 4,649 |
| Oregon: | | | | | | | | |
| 1933..... | 132 | 188 | 1,476 | 236 | 1,432 | 3,117 | 6,316 | 3,200 |
| 1931..... | 149 | (⁴) | 1,460 | (⁴) | 1,858 | 3,620 | 8,215 | 4,595 |
| Pennsylvania: | | | | | | | | |
| 1933..... | 1,347 | 1,918 | 22,221 | 2,966 | 22,899 | 46,164 | 101,345 | 55,180 |
| 1931..... | 1,638 | (⁴) | 22,888 | (⁴) | 28,175 | 57,295 | 136,180 | 78,885 |
| Rhode Island: | | | | | | | | |
| 1933..... | 122 | 158 | 1,661 | 252 | 1,784 | 4,388 | 8,940 | 4,553 |
| 1931..... | 144 | (⁴) | 1,630 | (⁴) | 2,082 | 4,675 | 10,248 | 5,572 |
| South Carolina: | | | | | | | | |
| 1933..... | 31 | 77 | 628 | 112 | 488 | 1,234 | 2,744 | 1,510 |
| 1931..... | 38 | (⁴) | 639 | (⁴) | 632 | 1,282 | 2,993 | 1,711 |
| South Dakota: | | | | | | | | |
| 1933..... | 74 | 61 | 467 | 75 | 391 | 1,285 | 2,451 | 1,216 |
| 1931..... | 99 | (⁴) | 589 | (⁴) | 660 | 1,541 | 3,405 | 1,924 |
| Tennessee: | | | | | | | | |
| 1933..... | 78 | 166 | 1,813 | 261 | 1,446 | 3,463 | 7,493 | 4,030 |
| 1931..... | 94 | (⁴) | 1,731 | (⁴) | 1,645 | 3,791 | 9,082 | 5,290 |

For footnotes, see end of table.

TABLE I.—SUMMARY FOR THE INDUSTRY AND FOR ITS BRANCHES, FOR THE UNITED STATES, 1927 TO 1933, AND FOR THE INDUSTRY, BY STATES, 1933 AND 1931—Continued

| | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|--|--------------------------|---|---|-----------------------|---------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | |
| THE INDUSTRY AS A WHOLE—continued | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| Texas: | | | | | | | | |
| 1933..... | 366 | 395 | 3,839 | 543 | 3,308 | 8,813 | 18,579 | 9,766 |
| 1931..... | 463 | (⁴) | 4,183 | (⁴) | 4,349 | 10,317 | 23,036 | 12,719 |
| Utah: | | | | | | | | |
| 1933..... | 34 | 77 | 505 | 105 | 504 | 1,212 | 2,619 | 1,406 |
| 1931..... | 46 | (⁴) | 525 | (⁴) | 608 | 1,611 | 3,661 | 2,050 |
| Vermont: | | | | | | | | |
| 1933..... | 36 | 65 | 311 | 74 | 310 | 858 | 1,708 | 850 |
| 1931..... | 41 | (⁴) | 319 | (⁴) | 398 | 970 | 2,086 | 1,115 |
| Virginia: | | | | | | | | |
| 1933..... | 95 | 179 | 1,716 | 287 | 1,522 | 3,610 | 7,516 | 3,906 |
| 1931..... | 104 | (⁴) | 1,642 | (⁴) | 1,820 | 4,115 | 8,784 | 4,669 |
| Washington: | | | | | | | | |
| 1933..... | 252 | 225 | 2,165 | 339 | 2,499 | 5,314 | 11,234 | 5,920 |
| 1931..... | 308 | (⁴) | 2,405 | (⁴) | 3,376 | 6,925 | 15,731 | 8,806 |
| West Virginia: | | | | | | | | |
| 1933..... | 82 | 154 | 1,098 | 235 | 1,200 | 2,863 | 5,940 | 3,073 |
| 1931..... | 98 | (⁴) | 1,227 | (⁴) | 1,595 | 3,244 | 7,579 | 4,335 |
| Wisconsin: | | | | | | | | |
| 1933..... | 463 | 423 | 3,886 | 561 | 3,640 | 8,355 | 16,989 | 8,634 |
| 1931..... | 566 | (⁴) | 3,931 | (⁴) | 4,326 | 10,523 | 24,203 | 13,680 |
| Wyoming: | | | | | | | | |
| 1933..... | 30 | 21 | 142 | 37 | 155 | 382 | 729 | 347 |
| 1931..... | 33 | (⁴) | 145 | (⁴) | 197 | 450 | 893 | 443 |
| BISCUIT AND CRACKERS | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 347 | 2,322 | 27,153 | 3,988 | 22,250 | 56,473 | 149,445 | 62,972 |
| 1931..... | 354 | (⁴) | 28,397 | (⁴) | 26,978 | 68,940 | 210,143 | 141,168 |
| 1929..... | 375 | 4,685 | 33,871 | 10,468 | 34,208 | 107,101 | 274,490 | 167,389 |
| 1927..... | 220 | 4,405 | 32,932 | 9,091 | 34,029 | 107,932 | 248,990 | 141,058 |
| BAKERY PRODUCTS OTHER THAN BISCUIT AND CRACKERS | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 14,483 | 14,149 | 155,229 | 21,023 | 174,423 | 370,992 | 770,332 | 399,340 |
| 1931..... | 17,364 | (⁴) | 154,764 | (⁴) | 212,353 | 436,531 | 979,904 | 543,373 |
| 1929..... | 20,410 | 18,956 | 166,970 | 39,417 | 240,354 | 629,999 | 1,251,621 | 621,622 |
| 1927..... | 17,909 | 15,232 | 139,013 | 37,649 | 202,197 | 585,304 | 1,145,710 | 560,407 |

¹ Not including proprietors and firm members, as follows: The industry as a whole—1933, 13,866; 1931, no data; 1929, 21,588; 1927, 19,481. Biscuit and crackers—1933, 169; 1931, no data; 1929, 219; 1927, 83. Bakery products other than biscuit and crackers—1933, 13,697; 1931, no data; 1929, 21,369; 1927, 19,396.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ No data.

⁵ Ala., 2; Ark., 2; Calif., 26; Colo., 3; Conn., 1; Ga., 2; Ill., 28; Ind., 8; Iowa, 7; Kans., 1; Ky., 2; La., 5; Me., 1; Md., 8; Mass., 13; Mich., 14; Minn., 8; Miss., 2; Mo., 14; Nbr., 4; N. H., 1; N. J., 8; N. Y., 28; N. Dak., 1; Ohio, 27; Okla., 2; Oreg., 6; Pa., 81; R. I., 1; S. Dak., 1; Tenn., 6; Tex., 7; Utah, 4; Va., 2; Wash., 14; Wis., 7.

⁶ Ala., 65; Ariz., 37; Ark., 44; Calif., 966; Colo., 133; Conn., 292; Del., 29; D. C., 63; Fla., 134; Ga., 80; Idaho, 42; Ill., 1,640; Ind., 305; Iowa, 248; Kans., 175; Ky., 97; La., 145; Me., 77; Md., 265; Mass., 1,008; Mich., 622; Minn., 323; Miss., 46; Mo., 434; Mont., 62; Nbr., 134; Nev., 9; N. H., 54; N. J., 626; N. Mex., 25; N. Y., 2,270; N. C., 62; N. Dak., 42; Ohio, 853; Okla., 163; Oreg., 126; Pa., 1,266; R. I., 121; S. C., 31; S. Dak., 73; Tenn., 72; Tex., 359; Utah, 30; Vt., 36; Va., 93; Wash., 238; W. Va., 82; Wis., 456; Wyo., 30.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929

[The 1933 "Reported in detail" figures were compiled from returns made by 347 establishments that reported 100 percent of the total value of products for the "Biscuit and crackers" branch of the industry and by 8,771 establishments which reported 91.4 percent of the total for the "Bakery products other than biscuit and crackers" branch. These 2 groups of establishments, 9,118 in number, together reported 92.8 percent of the total value of products of the industry as a whole. As detailed production data were supplied by all establishments in the "Biscuit and crackers" branch of the industry for 1933 and for 1929, and by establishments which reported 99.8 percent of the total value of products made in this branch of the industry for 1931, figures for the 3 years are given for biscuit, crackers, and cookies and for pretzels; but, because of the lack of complete data on production in the "Bakery products other than biscuit and crackers" branch, the figures for the several years are not strictly comparable, and therefore only the 1933 figures are given for the products normally belonging to this branch]

| KIND | The industry as a whole | REPORTED BY— | |
|---|----------------------------|---|---|
| | | Manufactur- ers of biscuit and crackers | Manufactur- ers of other bakery products |
| Aggregate value.....1933 | \$919, 777, 532 | \$149, 445, 188 | \$770, 332, 344 |
| Total value..... <i>Reported in detail</i> ²1933 | \$853, 372, 947 | \$149, 445, 188 | \$703, 927, 759 |
| Biscuit, crackers, and cookies: | | | |
| Pounds: | | | |
| 1933..... | 1, 044, 565, 200 | 1, 010, 951, 865 | 33, 613, 335 |
| 1931..... | 1, 137, 005, 121 | 1, 115, 229, 051 | 21, 776, 070 |
| 1929..... | 1, 348, 790, 263 | 1, 322, 682, 279 | 26, 113, 974 |
| Value: | | | |
| 1933..... | \$141, 539, 324 | \$137, 236, 103 | \$4, 303, 221 |
| 1931..... | \$199, 190, 064 | \$196, 476, 428 | \$2, 713, 636 |
| 1929..... | \$263, 499, 172 | \$259, 197, 833 | \$4, 301, 309 |
| Pretzels: | | | |
| Pounds: | | | |
| 1933..... | 49, 693, 724 | 48, 878, 658 | 815, 086 |
| 1931..... | 45, 180, 702 | 44, 234, 931 | 945, 771 |
| 1929..... | 45, 303, 341 | 43, 864, 815 | 1, 438, 626 |
| Value: | | | |
| 1933..... | \$7, 121, 779 | \$6, 998, 813 | \$122, 966 |
| 1931..... | \$6, 420, 554 | \$6, 253, 393 | \$167, 161 |
| 1929..... | \$7, 274, 488 | \$7, 006, 056 | \$268, 433 |
| Bread, rolls, and coffee-cake: | | | |
| Pounds.....1933 | 8, 203, 343, 654 | 35, 283, 469 | 8, 108, 105, 185 |
| Value.....1933 | \$529, 307, 105 | \$1, 736, 152 | \$527, 570, 953 |
| Soft cake: | | | |
| Pound cake, package cake, and fruit cake, value....1933 | \$100, 221, 265 | \$2, 223, 610 | \$97, 997, 655 |
| Doughnuts, crullers, and other fried cakes: | | | |
| Dozens.....1933 | 117, 352, 800 | 395, 743 | 117, 457, 057 |
| Value.....1933 | \$20, 637, 149 | \$71, 576 | \$20, 565, 573 |
| Pies, value.....1933 | \$37, 082, 297 | \$7, 644 | \$37, 074, 653 |
| Pastries (French and Danish) and cream-puffs, value....1933 | \$13, 826, 776 | \$22, 617 | \$13, 804, 159 |
| Other products, value.....1933 | \$3, 637, 252 | \$1, 148, 673 | \$2, 488, 579 |

¹ Includes \$3,637,252, value of miscellaneous products not normally belonging to the industry; does not include \$2,071,553, value of bakery goods made as secondary products by establishments classified in other industries.

² See "Detailed statistics of products," p. 55.

TABLE 3.—WAGE EARNERS, BY QUARTERS, BY STATES: 1933 AND 1931

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8.)

| | 1933 ¹ | | | | 1931 | | | |
|---------------------------|-------------------|---------|---------|---------|---------|---------|---------|---------|
| | March | June | Sept. | Dec. | March | June | Sept. | Dec. |
| United States..... | 173,555 | 179,422 | 192,586 | 190,886 | 182,120 | 185,074 | 184,754 | 180,073 |
| <i>States</i> | | | | | | | | |
| Alabama..... | 1,077 | 1,165 | 1,328 | 1,310 | 1,934 | 1,835 | 1,351 | 1,295 |
| Arizona..... | 274 | 263 | 291 | 297 | 314 | 295 | 290 | 310 |
| Arkansas..... | 598 | 636 | 720 | 730 | 725 | 749 | 743 | 723 |
| California..... | 10,747 | 10,954 | 11,504 | 11,306 | 10,720 | 10,722 | 10,646 | 10,640 |
| Colorado..... | 1,419 | 1,470 | 1,582 | 1,502 | 1,563 | 1,609 | 1,582 | 1,549 |
| Connecticut..... | 2,619 | 2,728 | 2,993 | 2,995 | 2,520 | 2,558 | 2,548 | 2,613 |
| Delaware..... | 292 | 312 | 366 | 355 | 253 | 263 | 264 | 265 |
| District of Columbia..... | 1,531 | 1,522 | 1,560 | 1,601 | 1,471 | 1,503 | 1,490 | 1,493 |
| Florida..... | 1,502 | 1,449 | 1,634 | 1,794 | 1,539 | 1,467 | 1,487 | 1,486 |
| Georgia..... | 1,713 | 1,735 | 2,057 | 1,993 | 1,709 | 1,701 | 1,674 | 1,590 |
| Idaho..... | 207 | 230 | 245 | 233 | 246 | 250 | 254 | 230 |
| Illinois..... | 14,213 | 14,724 | 15,693 | 15,758 | 15,101 | 15,098 | 15,244 | 14,768 |
| Indiana..... | 3,847 | 4,023 | 4,531 | 4,463 | 4,146 | 4,290 | 4,268 | 4,104 |
| Iowa..... | 2,845 | 2,935 | 3,294 | 3,283 | 3,218 | 3,282 | 3,296 | 3,159 |
| Kansas..... | 1,940 | 1,376 | 1,475 | 1,442 | 1,465 | 1,478 | 1,461 | 1,406 |
| Kentucky..... | 1,630 | 1,568 | 1,737 | 1,751 | 1,550 | 1,507 | 1,680 | 1,655 |
| Louisiana..... | 1,891 | 1,888 | 2,075 | 2,064 | 2,141 | 2,269 | 2,275 | 2,284 |
| Maine..... | 867 | 923 | 994 | 972 | 935 | 972 | 1,008 | 963 |
| Maryland..... | 3,775 | 4,029 | 4,318 | 4,235 | 3,798 | 3,861 | 3,895 | 3,739 |
| Massachusetts..... | 10,419 | 10,758 | 11,122 | 11,101 | 9,936 | 10,335 | 10,194 | 9,874 |
| Michigan..... | 7,127 | 7,469 | 8,061 | 7,885 | 7,722 | 8,043 | 7,950 | 7,611 |
| Minnesota..... | 3,301 | 3,472 | 3,616 | 3,549 | 3,259 | 3,341 | 3,285 | 3,217 |
| Mississippi..... | 491 | 513 | 551 | 544 | 533 | 547 | 639 | 634 |
| Missouri..... | 5,946 | 6,208 | 6,519 | 6,349 | 6,368 | 7,064 | 6,911 | 6,997 |
| Montana..... | 349 | 365 | 382 | 371 | 408 | 425 | 418 | 396 |
| Nebraska..... | 1,478 | 1,504 | 1,606 | 1,569 | 1,820 | 1,857 | 1,845 | 1,784 |
| Nevada..... | 40 | 40 | 38 | 41 | 45 | 47 | 50 | 46 |
| New Hampshire..... | 460 | 480 | 564 | 535 | 519 | 546 | 560 | 547 |
| New Jersey..... | 7,226 | 7,476 | 8,229 | 7,947 | 6,545 | 6,867 | 6,790 | 6,689 |
| New Mexico..... | 136 | 141 | 143 | 136 | 154 | 157 | 155 | 151 |
| New York..... | 30,721 | 31,106 | 32,403 | 32,947 | 31,472 | 31,350 | 31,715 | 31,364 |
| North Carolina..... | 1,133 | 1,228 | 1,461 | 1,413 | 1,208 | 1,283 | 1,295 | 1,236 |
| North Dakota..... | 309 | 325 | 348 | 333 | 309 | 340 | 340 | 317 |
| Ohio..... | 11,275 | 11,778 | 12,873 | 12,892 | 12,275 | 12,360 | 12,154 | 11,863 |
| Oklahoma..... | 1,252 | 1,301 | 1,439 | 1,426 | 1,398 | 1,410 | 1,381 | 1,352 |
| Oregon..... | 1,446 | 1,502 | 1,548 | 1,454 | 1,412 | 1,503 | 1,481 | 1,426 |
| Pennsylvania..... | 21,202 | 21,981 | 23,059 | 23,133 | 22,560 | 23,102 | 22,934 | 22,460 |
| Rhode Island..... | 1,534 | 1,642 | 1,798 | 1,740 | 1,607 | 1,660 | 1,649 | 1,609 |
| South Carolina..... | 567 | 591 | 714 | 665 | 640 | 640 | 645 | 631 |
| South Dakota..... | 441 | 460 | 497 | 477 | 586 | 611 | 592 | 557 |
| Tennessee..... | 1,610 | 1,810 | 2,031 | 1,902 | 1,717 | 1,746 | 1,756 | 1,670 |
| Texas..... | 3,574 | 3,670 | 4,077 | 4,125 | 4,199 | 4,143 | 4,199 | 4,213 |
| Utah..... | 452 | 485 | 558 | 551 | 518 | 548 | 541 | 478 |
| Vermont..... | 274 | 305 | 349 | 341 | 300 | 326 | 333 | 320 |
| Virginia..... | 1,610 | 1,661 | 1,844 | 1,852 | 1,591 | 1,669 | 1,695 | 1,623 |
| Washington..... | 2,049 | 2,111 | 2,255 | 2,230 | 2,432 | 2,465 | 2,422 | 2,274 |
| West Virginia..... | 1,013 | 1,055 | 1,221 | 1,194 | 1,216 | 1,246 | 1,238 | 1,189 |
| Wisconsin..... | 3,695 | 3,858 | 4,128 | 3,994 | 3,892 | 3,985 | 3,969 | 3,771 |
| Wyoming..... | 129 | 142 | 155 | 146 | 140 | 149 | 147 | 142 |

¹ See secs. 5, p. 4, and 13, p. 8. The 9,647 establishments canvassed with the standard schedule reported wage earners, by months, as follows:

| | | | | | |
|---------------|---------|-------------|---------|----------------|---------|
| January..... | 160,170 | May..... | 164,158 | September..... | 178,774 |
| February..... | 160,594 | June..... | 166,285 | October..... | 179,194 |
| March..... | 160,818 | July..... | 167,709 | November..... | 178,371 |
| April..... | 162,258 | August..... | 172,909 | December..... | 177,188 |

BUTTER; CHEESE; CONDENSED AND EVAPORATED MILK

[Preliminary reports for these industries were issued on Oct. 20, 1934, and subsequent dates]

Description of the industries.—These industries consist in the manufacture of butter, cheese, condensed and evaporated milk, and certain related products, in factories not located on farms. (The farm production of butter is treated as an agricultural operation and is not, therefore, covered by the census of manufactures. Data in regard to the production of butter on farms are collected in connection with the quinquennial census of agriculture.) Skimming or separating stations operated in connection with butter factories are treated as parts of the factories. No data are included for independent separating stations nor for establishments which are engaged primarily in the purchase and sale of milk and cream but which incidentally manufacture small quantities of butter and cheese from surplus stock. Establishments engaged primarily in the manufacture of malted milk are assigned to the "Food preparations not elsewhere classified" industry.

Classification by industries.—The primary products of the three industries are as follows: (1) Butter; (2) cheese; (3) condensed and evaporated milk. Each establishment as a whole is classified, on the basis of its product or products of chief value, in one industry or another. Considerable overlapping occurs, however, especially between the butter industry and the cheese industry; that is to say, butter is made as a secondary product in cheese factories and cheese is made as a secondary product in butter factories. Moreover, some of the establishments in each of the three industries manufacture certain products—for example, ice cream—not normally belonging to any one of them.

Detailed statistics of products.—In table 2 are shown the quantities and values of the specified products, regardless of the industry classification of the establishments in which manufactured. For example: The quantity of butter includes the amount made as a secondary product by establishments engaged primarily in the manufacture of cheese and of condensed and evaporated milk, and also by those classified in other industries, such as the manufacture of ice cream. The differences between the total values of the several classes of products, as shown in table 2, and the total values of products for the corresponding industries, as given in table 1, are due to the overlapping among the several industries. (See sec. 9, p. 6.) To illustrate: The total value of creamery butter produced in the group, \$357,910,550, as given in table 2, includes the value of butter made as a secondary product in the cheese, condensed and evaporated milk, and other industries, but does not include the value of cheese and other secondary products made in the butter industry, whereas the total value of the products of the butter industry, \$385,512,135, as given in table 1, includes the value of cheese and other secondary products made in that industry but does not include the value of butter made as a secondary product in other industries.

Extent of coverage.—The 1933 census coverage of the establishments reporting in the butter and condensed-milk industries for 1931

was practically complete. Of the 3,367 such establishments in the former industry and the 485 in the latter, 20 and 7, respectively, failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, but in each case these establishments accounted for only a small fraction of 1 percent of the total number of wage earners and of the total value of products reported for 1931. As the result of a variety of causes, including the numerous industrial changes in progress during the period, all of which were beyond the control of the Bureau of the Census, the coverage of the cheese industry was somewhat, but not seriously, incomplete. Of the 2,371 establishments reporting in this industry for 1931, 41 failed to supply any information for 1933, and these accounted for about 4 percent of the total number of wage earners and somewhat more than 3 percent of the total value of products reported for 1931.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ^{1 2} | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|---|---|-----------------------|--------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 26, p. 13)</i> | | | | | | | | |
| BUTTER | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 3,166 | 4,472 | 16,498 | 5,445 | 15,062 | 310,843 | 385,512 | 68,669 |
| 1931..... | 3,367 | (⁴) | 15,667 | (⁴) | 18,623 | 393,228 | 463,472 | 70,245 |
| 1929..... | 3,527 | 7,530 | 19,097 | 12,489 | 24,198 | 635,874 | 746,418 | 110,544 |
| 1927..... | 3,519 | 7,573 | 20,096 | 11,898 | 25,533 | 637,337 | 739,011 | 101,674 |
| <i>States</i> | | | | | | | | |
| Alabama: | | | | | | | | |
| 1933..... | 7 | 7 | 26 | 9 | 20 | 276 | 372 | 96 |
| 1931..... | 10 | (⁴) | 18 | (⁴) | 18 | 380 | 471 | 91 |
| Arizona: | | | | | | | | |
| 1933..... | 4 | 10 | 34 | 15 | 32 | 498 | 709 | 210 |
| 1931..... | 5 | (⁴) | 45 | (⁴) | 58 | 820 | 1,055 | 235 |
| Arkansas: | | | | | | | | |
| 1933..... | 11 | 12 | 38 | 13 | 27 | 878 | 1,029 | 151 |
| 1931..... | 13 | (⁴) | 33 | (⁴) | 34 | 700 | 864 | 164 |
| California: | | | | | | | | |
| 1933..... | 76 | 217 | 910 | 295 | 966 | 15,901 | 20,537 | 4,636 |
| 1931..... | 83 | (⁴) | 914 | (⁴) | 1,218 | 19,490 | 23,477 | 3,987 |
| Colorado: | | | | | | | | |
| 1933..... | 52 | 96 | 256 | 117 | 217 | 4,155 | 5,252 | 1,096 |
| 1931..... | 56 | (⁴) | 244 | (⁴) | 290 | 5,088 | 6,332 | 1,243 |
| Florida: | | | | | | | | |
| 1933..... | 7 | 2 | 7 | (⁴) | 7 | 107 | 135 | 28 |
| 1931..... | 5 | (⁴) | 7 | (⁴) | 8 | 101 | 145 | 44 |
| Georgia: | | | | | | | | |
| 1933..... | 8 | 12 | 43 | 16 | 34 | 435 | 554 | 119 |
| 1931..... | 9 | (⁴) | 31 | (⁴) | 28 | 462 | 567 | 106 |
| Idaho: | | | | | | | | |
| 1933..... | 32 | 87 | 326 | 120 | 253 | 4,492 | 5,632 | 1,139 |
| 1931..... | 38 | (⁴) | 254 | (⁴) | 306 | 6,011 | 7,495 | 1,485 |
| Illinois: | | | | | | | | |
| 1933..... | 90 | 221 | 680 | 286 | 636 | 13,091 | 16,041 | 2,950 |
| 1931..... | 100 | (⁴) | 704 | (⁴) | 757 | 15,985 | 18,925 | 2,940 |
| Indiana: | | | | | | | | |
| 1933..... | 86 | 268 | 896 | 340 | 715 | 15,157 | 18,474 | 3,318 |
| 1931..... | 90 | (⁴) | 791 | (⁴) | 797 | 16,265 | 19,535 | 3,270 |
| Iowa: | | | | | | | | |
| 1933..... | 407 | 516 | 1,886 | 598 | 1,766 | 41,382 | 48,885 | 7,502 |
| 1931..... | 421 | (⁴) | 1,686 | (⁴) | 2,001 | 50,590 | 56,903 | 6,313 |
| Kansas: | | | | | | | | |
| 1933..... | 72 | 218 | 711 | 290 | 620 | 12,743 | 15,421 | 2,678 |
| 1931..... | 76 | (⁴) | 613 | (⁴) | 594 | 13,953 | 17,000 | 3,047 |
| Kentucky: | | | | | | | | |
| 1933..... | 20 | 73 | 254 | 85 | 183 | 3,895 | 4,710 | 815 |
| 1931..... | 23 | (⁴) | 191 | (⁴) | 216 | 4,685 | 5,966 | 1,281 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employes ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|-------------------------|--------------------------|--|---|-----------------------|-------|--|-------------------|---|
| | | | | | | | | |
| BUTTER—continued | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| Louisiana: | | | | | | | | |
| 1933..... | 5 | 5 | 15 | 6 | 14 | 225 | 285 | 59 |
| 1931..... | 6 | (⁴) | 14 | (⁴) | 15 | 248 | 317 | 69 |
| Massachusetts: | | | | | | | | |
| 1933..... | 5 | 2 | 17 | (⁵) | 24 | 457 | 601 | 144 |
| 1931..... | 5 | (⁴) | 10 | (⁴) | 17 | 272 | 313 | 41 |
| Michigan: | | | | | | | | |
| 1933..... | 160 | 217 | 668 | 228 | 582 | 13,423 | 16,118 | 2,695 |
| 1931..... | 185 | (⁴) | 745 | (⁴) | 876 | 16,980 | 19,942 | 2,962 |
| Minnesota: | | | | | | | | |
| 1933..... | 328 | 477 | 2,296 | 487 | 2,436 | 56,026 | 65,525 | 9,499 |
| 1931..... | 320 | (⁴) | 2,348 | (⁴) | 3,176 | 69,086 | 77,604 | 8,518 |
| Mississippi: | | | | | | | | |
| 1933..... | 15 | 26 | 132 | 32 | 79 | 1,455 | 1,788 | 333 |
| 1931..... | 14 | (⁴) | 70 | (⁴) | 61 | 1,467 | 1,752 | 285 |
| Missouri: | | | | | | | | |
| 1933..... | 72 | 251 | 801 | 336 | 707 | 14,688 | 18,275 | 3,587 |
| 1931..... | 76 | (⁴) | 736 | (⁴) | 789 | 18,523 | 22,474 | 3,951 |
| Montana: | | | | | | | | |
| 1933..... | 40 | 36 | 124 | 48 | 105 | 1,768 | 2,201 | 432 |
| 1931..... | 51 | (⁴) | 178 | (⁴) | 202 | 3,117 | 3,924 | 808 |
| Nebraska: | | | | | | | | |
| 1933..... | 80 | 293 | 800 | 365 | 709 | 16,465 | 20,450 | 3,985 |
| 1931..... | 89 | (⁴) | 732 | (⁴) | 797 | 19,406 | 23,690 | 4,285 |
| Nevada: | | | | | | | | |
| 1933..... | 7 | 6 | 28 | 11 | 28 | 343 | 410 | 67 |
| 1931..... | 7 | (⁴) | 23 | (⁴) | 25 | 478 | 568 | 90 |
| New Mexico: | | | | | | | | |
| 1933..... | 4 | 2 | 8 | (⁵) | 6 | 169 | 204 | 35 |
| 1931..... | 6 | (⁴) | 15 | (⁴) | 14 | 247 | 295 | 49 |
| New York: | | | | | | | | |
| 1933..... | 23 | 29 | 135 | 37 | 116 | 2,834 | 3,341 | 507 |
| 1931..... | 32 | (⁴) | 112 | (⁴) | 137 | 2,561 | 3,090 | 529 |
| North Carolina: | | | | | | | | |
| 1933..... | 9 | 5 | 25 | 3 | 19 | 370 | 465 | 95 |
| 1931..... | 12 | (⁴) | 25 | (⁴) | 27 | 428 | 543 | 115 |
| North Dakota: | | | | | | | | |
| 1933..... | 54 | 127 | 402 | 166 | 345 | 8,256 | 10,110 | 1,854 |
| 1931..... | 57 | (⁴) | 404 | (⁴) | 441 | 10,912 | 12,685 | 1,773 |
| Ohio: | | | | | | | | |
| 1933..... | 100 | 283 | 976 | 382 | 909 | 15,794 | 19,938 | 4,144 |
| 1931..... | 106 | (⁴) | 871 | (⁴) | 1,078 | 20,387 | 25,486 | 5,099 |
| Oklahoma: | | | | | | | | |
| 1933..... | 42 | 85 | 394 | 117 | 307 | 6,686 | 8,258 | 1,572 |
| 1931..... | 39 | (⁴) | 294 | (⁴) | 253 | 6,605 | 7,785 | 1,181 |
| Oregon: | | | | | | | | |
| 1933..... | 73 | 89 | 286 | 108 | 231 | 4,601 | 5,828 | 1,227 |
| 1931..... | 80 | (⁴) | 331 | (⁴) | 429 | 6,661 | 8,009 | 1,357 |
| Pennsylvania: | | | | | | | | |
| 1933..... | 57 | 22 | 113 | 29 | 99 | 2,609 | 3,147 | 539 |
| 1931..... | 59 | (⁴) | 143 | (⁴) | 167 | 2,605 | 3,306 | 701 |
| South Carolina: | | | | | | | | |
| 1933..... | 6 | 2 | 12 | (⁵) | 11 | 174 | 234 | 60 |
| 1931..... | 7 | (⁴) | 11 | (⁴) | 11 | 163 | 203 | 40 |
| South Dakota: | | | | | | | | |
| 1933..... | 80 | 100 | 362 | 121 | 324 | 7,345 | 8,982 | 1,636 |
| 1931..... | 88 | (⁴) | 336 | (⁴) | 398 | 9,392 | 11,218 | 1,826 |
| Tennessee: | | | | | | | | |
| 1933..... | 25 | 39 | 182 | 47 | 118 | 2,636 | 3,343 | 707 |
| 1931..... | 29 | (⁴) | 157 | (⁴) | 172 | 3,329 | 4,051 | 722 |
| Texas: | | | | | | | | |
| 1933..... | 63 | 116 | 448 | 155 | 370 | 6,728 | 8,649 | 1,921 |
| 1931..... | 65 | (⁴) | 370 | (⁴) | 386 | 7,044 | 8,939 | 1,895 |
| Utah: | | | | | | | | |
| 1933..... | 24 | 46 | 158 | 60 | 139 | 2,536 | 3,214 | 677 |
| 1931..... | 24 | (⁴) | 161 | (⁴) | 178 | 3,033 | 3,549 | 516 |
| Vermont: | | | | | | | | |
| 1933..... | 27 | 8 | 35 | 5 | 29 | 593 | 718 | 125 |
| 1931..... | 27 | (⁴) | 50 | (⁴) | 62 | 1,020 | 1,203 | 183 |

For footnotes, see end of table.

TABLE I.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employes ^{1, 2} | Number of wage earners (average for the year) | Salaries ³ | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ⁴ |
|---|--------------------------|---|---|-----------------------|-------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | |
| BUTTER—continued | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| Virginia: | | | | | | | | |
| 1933..... | 23 | 34 | 104 | 39 | 102 | 1,056 | 1,560 | 503 |
| 1931..... | 23 | (¹) | 78 | (¹) | 86 | 1,407 | 1,746 | 339 |
| Washington: | | | | | | | | |
| 1933..... | 84 | 129 | 565 | 170 | 481 | 6,639 | 8,571 | 1,933 |
| 1931..... | 86 | (¹) | 483 | (¹) | 671 | 9,470 | 11,549 | 2,070 |
| West Virginia: | | | | | | | | |
| 1933..... | 4 | 1 | 8 | (¹) | 7 | 141 | 163 | 21 |
| 1931..... | 4 | (¹) | 4 | (¹) | 5 | 72 | 88 | 17 |
| Wisconsin: | | | | | | | | |
| 1933..... | 362 | 294 | 1,298 | 286 | 1,237 | 29,105 | 34,446 | 5,341 |
| 1931..... | 416 | (¹) | 1,378 | (¹) | 1,761 | 42,772 | 49,145 | 6,373 |
| Wyoming: | | | | | | | | |
| 1933..... | 16 | 6 | 31 | 11 | 30 | 499 | 671 | 172 |
| 1931..... | 18 | (¹) | 33 | (¹) | 44 | 680 | 848 | 168 |
| Other States: ⁵ | | | | | | | | |
| 1933..... | 6 | 3 | 10 | 11 | 10 | 211 | 270 | 69 |
| 1931..... | 7 | (¹) | 19 | (¹) | 20 | 342 | 413 | 71 |
| CHEESE | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 2,157 | 302 | 3,141 | 348 | 2,910 | 46,791 | 57,334 | 10,542 |
| 1931..... | 2,371 | (¹) | 2,984 | (¹) | 3,564 | 54,081 | 68,072 | 13,001 |
| 1929..... | 2,758 | 861 | 3,401 | 859 | 4,588 | 92,727 | 110,645 | 17,918 |
| 1927..... | 2,738 | 835 | 3,520 | 769 | 4,897 | 100,788 | 118,448 | 17,000 |
| <i>States</i> | | | | | | | | |
| Arkansas: | | | | | | | | |
| 1933..... | 4 | 2 | 13 | (¹) | 10 | 149 | 170 | 27 |
| 1931..... | 4 | (¹) | 15 | (¹) | 18 | 275 | 331 | 55 |
| California: | | | | | | | | |
| 1933..... | 32 | 51 | 257 | 74 | 299 | 2,389 | 2,944 | 555 |
| 1931..... | 34 | (¹) | 138 | (¹) | 190 | 2,264 | 2,979 | 716 |
| Colorado: | | | | | | | | |
| 1933..... | 8 | 2 | 15 | (¹) | 19 | 246 | 310 | 74 |
| 1931..... | 14 | (¹) | 22 | (¹) | 30 | 340 | 416 | 76 |
| Idaho: | | | | | | | | |
| 1933..... | 19 | 4 | 38 | 7 | 33 | 545 | 662 | 110 |
| 1931..... | 22 | (¹) | 28 | (¹) | 37 | 713 | 844 | 131 |
| Illinois: | | | | | | | | |
| 1933..... | 67 | 22 | 143 | 29 | 135 | 1,650 | 2,084 | 434 |
| 1931..... | 68 | (¹) | 117 | (¹) | 146 | 1,630 | 2,124 | 445 |
| Indiana: | | | | | | | | |
| 1933..... | 17 | 22 | 114 | 25 | 76 | 1,217 | 1,473 | 256 |
| 1931..... | 21 | (¹) | 93 | (¹) | 98 | 1,466 | 1,867 | 400 |
| Kansas: | | | | | | | | |
| 1933..... | 8 | 6 | 43 | 7 | 30 | 486 | 589 | 103 |
| 1931..... | 8 | (¹) | 25 | (¹) | 27 | 488 | 570 | 83 |
| Massachusetts: | | | | | | | | |
| 1933..... | 5 | 2 | 29 | (¹) | 32 | 481 | 668 | 187 |
| 1931..... | 5 | (¹) | 20 | (¹) | 32 | 277 | 388 | 111 |
| Michigan: | | | | | | | | |
| 1933..... | 31 | 10 | 51 | 6 | 48 | 713 | 885 | 172 |
| 1931..... | 36 | (¹) | 48 | (¹) | 52 | 830 | 906 | 166 |
| Minnesota: | | | | | | | | |
| 1933..... | 49 | 4 | 87 | 7 | 67 | 882 | 1,032 | 200 |
| 1931..... | 45 | (¹) | 69 | (¹) | 83 | 883 | 1,153 | 270 |
| Missouri: | | | | | | | | |
| 1933..... | 12 | 2 | 25 | (¹) | 23 | 333 | 390 | 67 |
| 1931..... | 13 | (¹) | 23 | (¹) | 24 | 383 | 478 | 95 |
| Montana: | | | | | | | | |
| 1933..... | 4 | | 6 | | 4 | 86 | 106 | 21 |
| 1931..... | 8 | (¹) | 14 | (¹) | 18 | 146 | 189 | 44 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employes ^{1, 2} | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|---|---|-----------------------|-------|--|-------------------|---|
| <i>Thousands of dollars.</i> (See sec. 25, p. 13) | | | | | | | | |
| CHEESE—continued | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| Nebraska: | | | | | | | | |
| 1933..... | 3 | 2 | 6 | (⁴) | 5 | 97 | 140 | 43 |
| 1931..... | 8 | (⁴) | 12 | (⁴) | 14 | 203 | 240 | 37 |
| New Jersey: | | | | | | | | |
| 1933..... | 4 | | 5 | | 4 | 58 | 71 | 13 |
| 1931..... | 5 | (⁴) | 6 | (⁴) | 8 | 45 | 72 | 27 |
| New York: | | | | | | | | |
| 1933..... | 154 | 36 | 292 | 35 | 295 | 4,528 | 5,831 | 1,303 |
| 1931..... | 179 | (⁴) | 410 | (⁴) | 473 | 7,430 | 9,396 | 1,966 |
| Ohio: | | | | | | | | |
| 1933..... | 25 | 16 | 104 | 30 | 112 | 935 | 1,414 | 479 |
| 1931..... | 27 | (⁴) | 91 | (⁴) | 116 | 985 | 1,448 | 463 |
| Oklahoma: | | | | | | | | |
| 1933..... | 6 | 3 | 14 | 2 | 11 | 170 | 217 | 46 |
| 1931..... | 3 | (⁴) | 2 | (⁴) | 2 | 56 | 65 | 10 |
| Oregon: | | | | | | | | |
| 1933..... | 32 | 9 | 120 | 14 | 120 | 1,579 | 1,961 | 382 |
| 1931..... | 36 | (⁴) | 119 | (⁴) | 148 | 2,292 | 2,620 | 328 |
| Pennsylvania: | | | | | | | | |
| 1933..... | 18 | 10 | 73 | 9 | 69 | 613 | 830 | 217 |
| 1931..... | 27 | (⁴) | 82 | (⁴) | 95 | 1,423 | 1,814 | 392 |
| Tennessee: | | | | | | | | |
| 1933..... | 5 | 4 | 24 | 6 | 16 | 283 | 362 | 79 |
| 1931..... | 8 | (⁴) | 25 | (⁴) | 24 | 305 | 375 | 70 |
| Texas: | | | | | | | | |
| 1933..... | 5 | 5 | 21 | 5 | 22 | 265 | 383 | 118 |
| 1931..... | 4 | (⁴) | 10 | (⁴) | 12 | 185 | 230 | 45 |
| Utah: | | | | | | | | |
| 1933..... | 17 | 3 | 32 | 1 | 36 | 409 | 504 | 95 |
| 1931..... | 12 | (⁴) | 20 | (⁴) | 29 | 282 | 337 | 56 |
| Vermont: | | | | | | | | |
| 1933..... | 5 | | 5 | | 5 | 71 | 95 | 24 |
| 1931..... | 5 | (⁴) | 3 | (⁴) | 3 | 49 | 57 | 9 |
| Washington: | | | | | | | | |
| 1933..... | 12 | 8 | 39 | 8 | 44 | 620 | 740 | 120 |
| 1931..... | 12 | (⁴) | 44 | (⁴) | 45 | 742 | 901 | 168 |
| Wisconsin: | | | | | | | | |
| 1933..... | 1,587 | 60 | 1,402 | 50 | 1,289 | 26,683 | 31,718 | 5,035 |
| 1931..... | 1,725 | (⁴) | 1,444 | (⁴) | 1,749 | 29,057 | 36,611 | 7,564 |
| Wyoming: | | | | | | | | |
| 1933..... | 8 | 2 | 17 | (⁴) | 17 | 225 | 267 | 43 |
| 1931..... | 11 | (⁴) | 18 | (⁴) | 20 | 284 | 352 | 68 |
| Other States: ⁷ | | | | | | | | |
| 1933..... | 20 | 17 | 107 | 33 | 87 | 1,078 | 1,411 | 333 |
| 1931..... | 31 | (⁴) | 66 | (⁴) | 72 | 1,001 | 1,219 | 218 |
| CONDENSED AND EVAPORATED MILK | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 436 | 1,007 | 6,331 | 1,658 | 6,100 | 96,698 | 131,086 | 34,338 |
| 1931..... | 485 | (⁴) | 6,121 | (⁴) | 7,256 | 109,397 | 148,598 | 39,201 |
| 1929..... | 535 | 1,433 | 7,065 | 2,885 | 8,796 | 163,787 | 209,110 | 45,323 |
| 1927..... | 464 | 1,352 | 7,390 | 2,566 | 9,191 | 159,680 | 200,086 | 40,406 |
| <i>States</i> | | | | | | | | |
| California: | | | | | | | | |
| 1933..... | 31 | 80 | 557 | 146 | 580 | 9,253 | 12,479 | 3,226 |
| 1931..... | 36 | (⁴) | 485 | (⁴) | 693 | 10,694 | 13,567 | 2,873 |
| Illinois: | | | | | | | | |
| 1933..... | 28 | 65 | 400 | 108 | 384 | 5,457 | 7,493 | 2,041 |
| 1931..... | 34 | (⁴) | 386 | (⁴) | 470 | 5,867 | 8,030 | 2,163 |
| Indiana: | | | | | | | | |
| 1933..... | 13 | 37 | 196 | 61 | 191 | 2,853 | 4,227 | 1,374 |
| 1931..... | 14 | (⁴) | 176 | (⁴) | 189 | 3,260 | 4,789 | 1,529 |
| Kansas: | | | | | | | | |
| 1933..... | 8 | 22 | 97 | 35 | 94 | 1,372 | 1,954 | 583 |
| 1931..... | 7 | (⁴) | 87 | (⁴) | 100 | 1,275 | 1,975 | 701 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|---|---|-----------------------|-------|--|-------------------|---|
| <i>Thousands of dollars.</i> (See sec. 25, p. 13) | | | | | | | | |
| CONDENSED AND EVAPORATED MILK—continued | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| Kentucky: 1933 ⁴ | 5 | 17 | 94 | 30 | 82 | 1,211 | 2,044 | 832 |
| Louisiana: 1933 ⁵ | 3 | 1 | 3 | (⁶) | 3 | 36 | 53 | 17 |
| Massachusetts: | | | | | | | | |
| 1933..... | 4 | 5 | 27 | 9 | 28 | 654 | 881 | 227 |
| 1931..... | 4 | (⁶) | 38 | (⁶) | 62 | 927 | 1,253 | 326 |
| Michigan: | | | | | | | | |
| 1933..... | 33 | 67 | 496 | 121 | 515 | 6,978 | 9,673 | 2,695 |
| 1931..... | 36 | (⁶) | 455 | 121 | 545 | 7,437 | 10,434 | 2,998 |
| Minnesota: | | | | | | | | |
| 1933..... | 8 | 26 | 120 | 44 | 122 | 1,507 | 2,023 | 516 |
| 1931..... | 9 | (⁶) | 123 | (⁶) | 151 | 2,379 | 2,975 | 596 |
| Mississippi: | | | | | | | | |
| 1933..... | 4 | 16 | 96 | 30 | 84 | 1,453 | 1,980 | 527 |
| 1931..... | 4 | (⁶) | 97 | (⁶) | 113 | 1,654 | 2,247 | 593 |
| Missouri: | | | | | | | | |
| 1933..... | 0 | 24 | 136 | 37 | 116 | 1,676 | 2,606 | 990 |
| 1931..... | 13 | (⁶) | 101 | (⁶) | 93 | 2,202 | 3,285 | 1,082 |
| New York: | | | | | | | | |
| 1933..... | 82 | 94 | 701 | 154 | 644 | 9,216 | 12,729 | 3,514 |
| 1931..... | 84 | (⁶) | 801 | 154 | 862 | 11,527 | 16,346 | 4,819 |
| Ohio: | | | | | | | | |
| 1933..... | 32 | 91 | 436 | 161 | 429 | 5,165 | 7,226 | 2,061 |
| 1931..... | 33 | (⁶) | 335 | (⁶) | 380 | 5,360 | 7,360 | 2,000 |
| Oregon: 1933 ⁸ | 3 | 7 | 66 | 15 | 60 | 707 | 907 | 200 |
| Pennsylvania: | | | | | | | | |
| 1933..... | 34 | 57 | 294 | 83 | 301 | 3,076 | 4,524 | 1,448 |
| 1931..... | 39 | (⁶) | 364 | (⁶) | 441 | 3,809 | 5,375 | 1,566 |
| Tennessee: | | | | | | | | |
| 1933..... | 5 | 17 | 133 | 30 | 111 | 1,761 | 2,681 | 920 |
| 1931..... | 5 | (⁶) | 174 | (⁶) | 176 | 2,094 | 3,221 | 1,127 |
| Utah: | | | | | | | | |
| 1933..... | 3 | 18 | 113 | 28 | 97 | 1,916 | 2,651 | 735 |
| 1931..... | 4 | (⁶) | 126 | (⁶) | 136 | 2,324 | 3,263 | 939 |
| Vermont: | | | | | | | | |
| 1933..... | 7 | 6 | 62 | 7 | 58 | 663 | 983 | 320 |
| 1931..... | 8 | (⁶) | 47 | (⁶) | 61 | 657 | 878 | 221 |
| Washington: | | | | | | | | |
| 1933..... | 6 | 21 | 248 | 34 | 242 | 2,695 | 3,587 | 892 |
| 1931..... | 8 | (⁶) | 181 | (⁶) | 216 | 3,268 | 4,115 | 848 |
| Wisconsin: | | | | | | | | |
| 1933..... | 80 | 265 | 1,698 | 420 | 1,620 | 35,057 | 44,263 | 9,206 |
| 1931..... | 96 | (⁶) | 1,635 | (⁶) | 1,996 | 36,922 | 48,572 | 11,650 |
| Other States: ⁹ | | | | | | | | |
| 1933..... | 38 | 71 | 353 | 106 | 359 | 3,992 | 6,057 | 2,065 |
| 1931..... | 51 | (⁶) | 505 | (⁶) | 569 | 7,743 | 10,913 | 3,170 |

¹ Not including proprietors and firm members, as follows: Butter—1933, 810; 1931, no data; 1929, 1,307; 1927, 1,279. Cheese—1933, 813; 1931, no data; 1929, 1,524; 1927, 1,241. Condensed and evaporated milk—1933, 17; 1931, no data; 1929, 38; 1927, 21.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ No data.

⁵ Withheld to avoid disclosing compensation of individual employees; included in figure for "Other States."

⁶ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Conn., 2; Del., 1; Me., 1; Md., 1; N. H., 1.

⁷ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Ala., 1; D. C., 0; Iowa, 2; Ky., 3; La., 1; Me., 1; Md., 1; Miss., 6; N. C., 1; S. C., 1; S. Dak., 1; Va., 2.

⁸ Figures for 1931 withheld to avoid disclosing, exactly or approximately, the data for individual establishments; included in items for "Other States."

⁹ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Ala., 1; Ariz., 1; Colo., 4; Conn., 1; Fla., 0; Idaho, 2; Iowa, 4; Ky., 1931, 5; La., 1931, 2; Md., 5; Me., 1; N. H., 1; N. J., 2; N. C., 1; N. Dak., 2; Okla., 1; 1; Oreg. (1931), 2; S. Dak., 0; 2; Tex., 3; 2; Va., 4; 2; W. Va., 2, 1.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929

| | QUANTITY IN THOUSANDS OF POUNDS ¹ | | | VALUE IN THOUSANDS OF DOLLARS ¹ | | |
|---|--|------------------|------------------|--|------------------|----------------------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| 1. Butter, Cheese, and Condensed-milk industries, all products, total value..... | | | | 573,932 | 680,142 | 1,066,172 |
| 2. Butter, cheese, condensed and evaporated milk, etc..... | | | | 544,620 | 649,175 | 1,024,894 |
| 3. Other products (not normally belonging to the industries)..... | | | | 29,312 | 30,967 | 41,279 |
| 4. Butter, cheese, condensed and evaporated milk, etc., made as secondary products in other industries..... | | | | 8,737 | 10,637 | 14,656 |
| Butter, cheese, condensed and evaporated milk, etc., aggregate value (2 and 4)..... | | | | 553,357 | 659,812 | 1,039,550 |
| Creamery butter..... | 1,742,366 | 1,654,742 | 1,615,688 | 357,911 | 440,644 | ² 706,373 |
| Whey butter..... | 1,543 | 1,163 | 1,656 | 288 | 310 | 469 |
| Cheese, other than cottage, pot, and bakers', total..... | 471,270 | 451,215 | 487,200 | 53,577 | 62,948 | 103,292 |
| American or cheddar: | | | | | | |
| Whole-milk..... | 350,312 | | | 37,387 | | |
| Part-skim..... | 5,912 | 339,400 | 375,371 | 607 | 44,205 | 76,904 |
| Full-skim..... | 465 | | | 27 | | |
| Swiss, including block..... | 29,503 | 24,111 | | 4,587 | 3,660 | |
| Brick..... | 24,624 | | | 2,483 | | |
| Münster..... | 6,439 | 31,413 | 58,134 | 675 | 3,957 | 12,076 |
| Limburger..... | 9,278 | 7,791 | | 1,003 | 1,068 | |
| Cream (not including cottage cheese)..... | 31,827 | | | 5,044 | 7,530 | 11,123 |
| Neufchatel..... | 724 | 36,646 | 42,003 | 46 | | |
| Italian varieties..... | 7,095 | 3,384 | 3,579 | 898 | 1,589 | 1,964 |
| Other varieties..... | 5,092 | 3,470 | 3,113 | 819 | 939 | 1,224 |
| Cottage, pot, and bakers'..... | 90,663 | 100,485 | 100,826 | 5,370 | 7,267 | 9,432 |
| Condensed and evaporated milk and buttermilk and concentrated skim milk (for stock feed), total..... | 2,280,952 | 2,050,287 | 2,310,727 | 107,575 | 115,873 | ² 173,815 |
| Condensed milk (sweetened), total..... | 274,676 | 398,560 | 532,727 | 14,616 | 23,913 | 42,017 |
| Case goods, total..... | 90,355 | 175,334 | 246,344 | 6,199 | 13,105 | 24,435 |
| Made from whole milk..... | 84,519 | 145,935 | (³) | 5,920 | 11,350 | (³) |
| Made from skim milk..... | 5,836 | 29,400 | | 279 | 1,755 | |
| Bulk goods, total..... | 184,321 | 223,225 | 286,383 | 8,418 | 10,808 | 18,482 |
| Made from whole milk..... | 79,819 | 106,499 | (³) | 4,589 | 6,421 | (³) |
| Made from skim milk..... | 104,502 | 116,726 | | 3,829 | 4,387 | |
| Evaporated milk (unsweetened), total..... | 1,922,701 | 1,551,353 | 1,642,214 | 91,635 | 90,063 | ² 126,701 |
| Case goods, total..... | 1,669,221 | 1,385,610 | 1,366,764 | 83,847 | 83,556 | ² 111,321 |
| Made from whole milk..... | 1,666,932 | 1,382,281 | (³) | 83,731 | 83,402 | (³) |
| Made from skim milk..... | 2,289 | 3,329 | | 116 | 154 | |
| Bulk goods, total..... | 253,480 | 165,742 | 275,449 | 7,788 | 6,507 | 15,380 |
| Made from whole milk..... | 168,208 | 70,549 | (³) | 5,764 | 3,797 | (³) |
| Made from skim milk..... | 85,272 | 95,193 | | 2,024 | 2,709 | |
| Condensed and evaporated buttermilk..... | 61,554 | 100,375 | 135,787 | 918 | 1,896 | 4,197 |
| Concentrated skim milk (for stock feed)..... | 22,021 | (³) | (³) | 406 | (³) | (³) |
| Dried and powdered cream..... | 4,532 | 681 | | 298 | 168 | |
| Dried and powdered skim milk..... | 257,965 | 287,101 | 220,714 | 12,078 | 10,769 | 20,173 |
| Dried and powdered whole milk..... | 18,962 | 23,046 | | 2,109 | 3,321 | |
| Dried and powdered buttermilk..... | 61,370 | 60,587 | 67,877 | 2,307 | 2,048 | 4,307 |
| Sugar of milk (crude)..... | 1,837 | 3,746 | | 85 | 229 | 686 |
| Sugar of milk (refined)..... | 3,299 | 3,764 | 7,102 | 351 | 477 | |
| Ice-cream mix..... | 108,138 | 161,629 | 137,203 | 8,848 | 13,493 | 15,273 |
| Casein (dry)..... | 30,120 | | 57,826 | 2,493 | | 5,726 |
| Casein (wet)..... | 1,404 | 41,376 | | 67 | 2,266 | |

¹ See sec. 25, p. 13.

² Revised.

³ Not reported separately.

TABLE 3.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES, FOR THE BUTTER INDUSTRY: 1933 AND 1931

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8.) See sec. 26, p. 13.]

| | 1933 ¹ | | | | 1931 | | | |
|---------------------|-------------------|--------|----------------|---------------|--------|--------|----------------|---------------|
| | March | June | Sep- tember | Decem- ber | March | June | Sep- tember | Decem- ber |
| United States..... | 15,477 | 17,428 | 17,380 | 16,325 | 14,894 | 17,078 | 16,095 | 14,756 |
| <i>States</i> | | | | | | | | |
| Alabama..... | 19 | 23 | 37 | 26 | 16 | 19 | 19 | 18 |
| Arizona..... | 34 | 34 | 34 | 34 | 45 | 45 | 45 | 45 |
| Arkansas..... | 37 | 43 | 36 | 37 | 30 | 35 | 34 | 32 |
| California..... | 859 | 903 | 968 | 945 | 921 | 975 | 919 | 845 |
| Colorado..... | 239 | 270 | 273 | 254 | 236 | 273 | 250 | 222 |
| Florida..... | 7 | 9 | 7 | 7 | 8 | 7 | 7 | 6 |
| Georgia..... | 38 | 49 | 49 | 37 | 31 | 30 | 31 | 30 |
| Idaho..... | 297 | 343 | 350 | 322 | 245 | 270 | 253 | 236 |
| Illinois..... | 635 | 732 | 723 | 651 | 663 | 760 | 724 | 672 |
| Indiana..... | 831 | 930 | 961 | 908 | 741 | 803 | 825 | 746 |
| Iowa..... | 1,752 | 1,946 | 2,001 | 1,956 | 1,574 | 1,871 | 1,740 | 1,568 |
| Kansas..... | 678 | 730 | 740 | 724 | 606 | 672 | 622 | 582 |
| Kentucky..... | 221 | 280 | 284 | 245 | 171 | 200 | 204 | 181 |
| Louisiana..... | 15 | 15 | 15 | 15 | 13 | 16 | 15 | 14 |
| Massachusetts..... | 15 | 13 | 19 | 16 | 10 | 12 | 11 | 9 |
| Michigan..... | 628 | 715 | 709 | 656 | 637 | 828 | 777 | 697 |
| Minnesota..... | 2,219 | 2,428 | 2,323 | 2,265 | 2,372 | 2,553 | 2,375 | 2,219 |
| Mississippi..... | 120 | 183 | 135 | 93 | 71 | 72 | 69 | 68 |
| Missouri..... | 709 | 884 | 893 | 761 | 653 | 833 | 708 | 715 |
| Montana..... | 112 | 148 | 136 | 113 | 156 | 202 | 189 | 175 |
| Nebraska..... | 745 | 870 | 853 | 786 | 703 | 788 | 760 | 666 |
| Nevada..... | 27 | 28 | 30 | 27 | 23 | 24 | 25 | 20 |
| New Mexico..... | 8 | 8 | 8 | 8 | 10 | 15 | 15 | 14 |
| New York..... | 126 | 140 | 135 | 143 | 114 | 121 | 112 | 111 |
| North Carolina..... | 25 | 26 | 25 | 25 | 24 | 25 | 24 | 24 |
| North Dakota..... | 373 | 452 | 427 | 366 | 361 | 461 | 441 | 355 |
| Ohio..... | 897 | 1,051 | 1,045 | 957 | 805 | 942 | 902 | 841 |
| Oklahoma..... | 376 | 410 | 409 | 386 | 281 | 323 | 237 | 281 |
| Oregon..... | 284 | 293 | 299 | 285 | 306 | 366 | 342 | 306 |
| Pennsylvania..... | 112 | 115 | 112 | 112 | 138 | 146 | 147 | 137 |
| South Carolina..... | 11 | 13 | 12 | 12 | 11 | 12 | 12 | 12 |
| South Dakota..... | 334 | 407 | 382 | 340 | 332 | 338 | 332 | 308 |
| Tennessee..... | 164 | 184 | 193 | 188 | 150 | 164 | 167 | 152 |
| Texas..... | 434 | 455 | 473 | 448 | 362 | 385 | 379 | 355 |
| Utah..... | 153 | 163 | 162 | 158 | 161 | 168 | 157 | 148 |
| Vermont..... | 33 | 37 | 36 | 34 | 46 | 55 | 52 | 48 |
| Virginia..... | 98 | 108 | 113 | 100 | 70 | 87 | 86 | 69 |
| Washington..... | 516 | 583 | 596 | 558 | 475 | 530 | 498 | 457 |
| West Virginia..... | 7 | 9 | 9 | 7 | 4 | 5 | 4 | 4 |
| Wisconsin..... | 1,248 | 1,347 | 1,325 | 1,280 | 1,315 | 1,482 | 1,412 | 1,310 |
| Wyoming..... | 31 | 32 | 32 | 30 | 29 | 36 | 37 | 30 |

¹ See secs. 5, p. 4, and 13, p. 8. The 2,459 establishments canvassed with the standard schedule reported wage earners, by months, as follows:

| | | | | | |
|---------------|--------|-------------|--------|----------------|--------|
| January..... | 14,399 | May..... | 15,787 | September..... | 16,475 |
| February..... | 14,384 | June..... | 16,504 | October..... | 15,985 |
| March..... | 14,623 | July..... | 16,497 | November..... | 15,536 |
| April..... | 15,042 | August..... | 16,613 | December..... | 15,448 |

CANNING AND PRESERVING

(Preliminary reports for the canning and preserving industries were issued on Oct. 15, 1934)

Description of the industries.—Establishments engaged primarily in canning and preserving are grouped, for census purposes, into two industries: (1) Canned and dried fruits and vegetables; preserves, jellies, fruit butters, pickles, and sauces; (2) Canned and preserved fish, crabs, shrimps, oysters, and clams. The products of the first of these industries may be classified in six major groups, as follows: Canned vegetables and soups; canned fruits; dried fruits; dried and dehydrated vegetables; preserves, jams, jellies, and fruit butters; and pickles, sauces, salad dressings, ketchup, etc. The products of the second industry are classified in two major groups: Canned fish, oysters, shrimps, clams, etc.; and cured fish (salted, pickled, smoked, dried, and boneless).

The canning and preserving industries do not include the canning of meats and other products by establishments engaged in meat packing (classified in the "Meat-packing" industry); the manufacture of condensed and evaporated milk, sweetening sirups, and peanut butter; the drying and packing of fruits on farms; nor the shucking and shipment of fresh oysters in nonsealed containers. Statistics on the production of canned foods by meat-packing establishments and on the production of condensed and evaporated milk are, however, given in the reports for the "Meat-packing" and "Condensed-and-evaporated-milk" industries, respectively.

Wage earners.—In making use of the wage-earner statistics for this industry, it should be borne in mind that they are not strictly comparable with those for other industries, because of the fact that canning is a seasonal activity, in which employment fluctuates greatly, with the result that the monthly figures as reported to the Census Bureau do not, as a rule, represent the true monthly averages. The average number of wage earners for the year has been computed, for the establishments that reported on the standard schedule, in the same manner as the averages for other industries, namely, by totalizing the figures for the several months, as reported by the canners, and dividing the sum by 12; and in the endeavor to show the importance of this industry, in comparison with others, as an employer of labor, the averages for establishments reporting on the abbreviated schedule (see sec. 5, p. 4) have been calculated by means of ratios based on the numbers reported for 1931, applied to the 1933 figures. The average for the year obtained by combining the results of these methods is, of course, considerably less than the average for the period during which the canneries were in active operation.

Extent of coverage.—The 1933 coverage of the establishments reporting in this industry for 1931 was practically complete. Of the 2,535 such establishments in the "Canned and dried fruits and vegetables," etc., industry and the 304 in the "Canned and preserved

fish," etc., industry, 122 and 13, respectively, failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, but these establishments accounted for less than 2 percent of the total number of wage earners and less than 1 percent of the total value of products reported for the respective industries for 1931.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ^{1,2} | Number of wage earners (average for the year) | Salaries ³ | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ⁴ |
|---|--------------------------|---|---|-----------------------|--------|--|-------------------|---|
| Thousands of dollars. (See sec. 25, p. 13) | | | | | | | | |
| THE CANNING AND PRESERVING INDUSTRIES | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 2,336 | 7,053 | 94,267 | 10,474 | 49,712 | 294,668 | 480,548 | 185,890 |
| 1931..... | 2,839 | (*) | 88,775 | (*) | 59,224 | 350,409 | 555,353 | 204,944 |
| 1929..... | 3,345 | 11,088 | 112,478 | 24,941 | 83,778 | 515,302 | 831,191 | 315,839 |
| 1927..... | 2,773 | 10,174 | 93,574 | 21,757 | 70,415 | 398,077 | 637,428 | 239,351 |
| CANNED AND DRIED FRUITS AND VEGETABLES; PRESERVES, JEL- LIES, FRUIT BUTTERS, PICKLES, AND SAUCES | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 2,072 | 6,346 | 84,274 | 9,595 | 45,239 | 268,420 | 439,988 | 171,568 |
| 1931..... | 2,535 | (*) | 80,184 | (*) | 54,001 | 322,005 | 513,001 | 190,996 |
| 1929..... | 2,997 | 9,930 | 98,866 | 22,134 | 74,979 | 462,062 | 750,342 | 288,280 |
| 1927..... | 2,436 | 8,980 | 80,924 | 19,257 | 62,310 | 355,186 | 572,346 | 217,160 |
| <i>States</i> | | | | | | | | |
| Arkansas..... | 53 | 44 | 1,199 | 29 | 203 | 1,172 | 1,689 | 517 |
| 1931..... | 74 | (*) | 981 | (*) | 241 | 1,091 | 1,643 | 552 |
| California:..... | 317 | 1,352 | 24,357 | 2,091 | 14,554 | 84,685 | 131,108 | 46,422 |
| 1931..... | 354 | (*) | 20,402 | (*) | 16,075 | 93,283 | 141,138 | 47,850 |
| Colorado:..... | 18 | 40 | 644 | 65 | 222 | 1,287 | 2,347 | 1,060 |
| 1931..... | 19 | (*) | 743 | (*) | 433 | 2,148 | 3,547 | 1,399 |
| Connecticut:..... | 5 | 12 | 84 | 22 | 66 | 167 | 478 | 311 |
| 1931..... | 8 | (*) | 84 | (*) | 68 | 214 | 599 | 385 |
| Delaware:..... | 43 | 53 | 1,003 | 48 | 296 | 1,640 | 2,840 | 1,200 |
| 1931..... | 48 | (*) | 1,080 | (*) | 446 | 2,082 | 3,407 | 1,325 |
| Florida:..... | 29 | 139 | 2,286 | 172 | 835 | 3,451 | 6,466 | 3,015 |
| 1931..... | 39 | (*) | 2,229 | (*) | 961 | 3,046 | 5,433 | 2,387 |
| Georgia:..... | 11 | 26 | 455 | 32 | 135 | 812 | 1,185 | 373 |
| 1931..... | 12 | (*) | 424 | (*) | 144 | 1,005 | 1,473 | 468 |
| Idaho:..... | 7 | 15 | 244 | 16 | 68 | 185 | 371 | 186 |
| 1931..... | 6 | (*) | 209 | (*) | 75 | 193 | 326 | 133 |
| Illinois:..... | 92 | 386 | 3,718 | 605 | 2,375 | 15,098 | 24,831 | 9,733 |
| 1931..... | 115 | (*) | 4,268 | (*) | 3,714 | 24,432 | 38,466 | 14,035 |
| Indiana:..... | 120 | 340 | 5,480 | 449 | 2,633 | 18,082 | 27,724 | 9,642 |
| 1931..... | 136 | (*) | 5,078 | (*) | 3,147 | 21,047 | 30,925 | 9,878 |
| Iowa:..... | 39 | 95 | 1,272 | 138 | 557 | 3,069 | 5,107 | 2,038 |
| 1931..... | 61 | (*) | 1,983 | (*) | 1,260 | 6,115 | 9,925 | 3,810 |
| Kentucky:..... | 17 | 85 | 634 | 89 | 265 | 1,670 | 2,559 | 888 |
| 1931..... | 25 | (*) | 575 | (*) | 314 | 1,984 | 3,101 | 1,116 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ^{1, 2} | Number of wage earners (average for the year) | Salaries ¹ | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|--|--------------------------|--|---|-----------------------|-------|--|-------------------|---|
| | | | | | | | | |
| CANNED AND DRIED FRUITS AND VEGETABLES; PRESERVES, JELLIES, FRUIT BUTTERS, PICKLES, AND SAUCES—continued | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| Louisiana: | | | | | | | | |
| 1933..... | 15 | 34 | 282 | 32 | 110 | 864 | 1,249 | 386 |
| 1931..... | 18 | (⁴) | 265 | (⁴) | 106 | 709 | 1,165 | 396 |
| Maine: | | | | | | | | |
| 1933..... | 65 | 121 | 914 | 148 | 536 | 3,396 | 5,964 | 2,568 |
| 1931..... | 83 | (⁴) | 1,013 | (⁴) | 619 | 3,980 | 6,104 | 2,124 |
| Maryland: | | | | | | | | |
| 1933..... | 182 | 373 | 5,245 | 412 | 2,150 | 14,339 | 21,624 | 7,285 |
| 1931..... | 234 | (⁴) | 4,750 | (⁴) | 2,292 | 12,353 | 18,019 | 5,667 |
| Massachusetts: | | | | | | | | |
| 1933..... | 32 | 85 | 489 | 144 | 469 | 3,617 | 5,794 | 2,177 |
| 1931..... | 35 | (⁴) | 457 | (⁴) | 462 | 4,155 | 6,824 | 2,669 |
| Michigan: | | | | | | | | |
| 1933..... | 62 | 252 | 2,484 | 367 | 1,238 | 7,251 | 12,523 | 5,272 |
| 1931..... | 80 | (⁴) | 2,153 | (⁴) | 1,335 | 7,872 | 13,905 | 6,033 |
| Minnesota: | | | | | | | | |
| 1933..... | 31 | 129 | 1,523 | 206 | 811 | 4,052 | 7,272 | 3,220 |
| 1931..... | 40 | (⁴) | 1,478 | (⁴) | 1,003 | 4,245 | 6,844 | 2,599 |
| Mississippi: | | | | | | | | |
| 1933..... | 7 | 19 | 253 | 22 | 81 | 515 | 643 | 129 |
| 1931..... | 7 | (⁴) | 359 | (⁴) | 137 | 573 | 818 | 245 |
| Missouri: | | | | | | | | |
| 1933..... | 48 | 85 | 911 | 76 | 347 | 2,816 | 4,018 | 1,202 |
| 1931..... | 73 | (⁴) | 780 | (⁴) | 426 | 3,019 | 4,374 | 1,354 |
| Montana: | | | | | | | | |
| 1933..... | 4 | 11 | 113 | 15 | 61 | 338 | 650 | 312 |
| Nebraska: | | | | | | | | |
| 1933..... | 6 | 19 | 299 | 26 | 154 | 908 | 1,295 | 357 |
| 1931..... | 9 | (⁴) | 245 | (⁴) | 169 | 901 | 1,451 | 550 |
| New Jersey: | | | | | | | | |
| 1933..... | 38 | 325 | 3,110 | 759 | 2,346 | 15,861 | 29,382 | 13,521 |
| 1931..... | 50 | (⁴) | 2,974 | (⁴) | 1,760 | 21,128 | 39,652 | 18,524 |
| New York: | | | | | | | | |
| 1933..... | 197 | 720 | 7,039 | 1,229 | 4,505 | 26,233 | 44,745 | 18,513 |
| 1931..... | 252 | (⁴) | 7,180 | (⁴) | 6,107 | 36,785 | 59,626 | 22,841 |
| North Carolina: | | | | | | | | |
| 1933..... | 4 | 8 | 104 | 13 | 37 | 364 | 657 | 292 |
| 1931..... | 5 | (⁴) | 88 | (⁴) | 31 | 235 | 384 | 149 |
| Ohio: | | | | | | | | |
| 1933..... | 81 | 205 | 2,305 | 310 | 1,307 | 7,332 | 12,167 | 4,835 |
| 1931..... | 111 | (⁴) | 2,539 | (⁴) | 1,705 | 10,509 | 15,312 | 4,804 |
| Oklahoma: | | | | | | | | |
| 1933..... | 10 | 10 | 205 | 13 | 66 | 482 | 700 | 218 |
| 1931..... | 11 | (⁴) | 90 | (⁴) | 62 | 359 | 585 | 225 |
| Oregon: | | | | | | | | |
| 1933..... | 48 | 150 | 2,904 | 200 | 1,493 | 7,276 | 11,766 | 4,490 |
| 1931..... | 58 | (⁴) | 2,676 | (⁴) | 1,465 | 8,042 | 12,695 | 4,652 |
| Pennsylvania: | | | | | | | | |
| 1933..... | 73 | 324 | 3,614 | 700 | 2,373 | 13,753 | 26,554 | 12,801 |
| 1931..... | 80 | (⁴) | 3,382 | (⁴) | 3,009 | 17,592 | 33,959 | 16,367 |
| South Carolina: | | | | | | | | |
| 1933..... | 7 | 8 | 102 | 8 | 24 | 210 | 354 | 144 |
| 1931..... | 8 | (⁴) | 188 | (⁴) | 45 | 381 | 718 | 336 |
| Tennessee: | | | | | | | | |
| 1933..... | 25 | 45 | 675 | 58 | 120 | 855 | 1,734 | 879 |
| 1931..... | 34 | (⁴) | 664 | (⁴) | 145 | 1,298 | 1,934 | 637 |
| Texas: | | | | | | | | |
| 1933..... | 32 | 55 | 656 | 79 | 222 | 1,815 | 2,654 | 839 |
| 1931..... | 43 | (⁴) | 540 | (⁴) | 249 | 1,855 | 2,686 | 781 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employ-ees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, contain-ers, fuel, and pur-chased electric energy | Value of prod-ucts | Value added by manu-facture ³ |
|--|--------------------------|--|---|-----------------------|-------|--|--------------------|--|
| | | | | | | | | |
| CANNED AND DRIED FRUITS AND VEGETABLES; PRESERVES, JEL-LIES, FRUIT BUTTERS, PICKLES, AND SAUCES—continued | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| Utah: | | | | | | | | |
| 1933..... | 28 | 82 | 1,120 | 94 | 478 | 2,597 | 4,772 | 2,175 |
| 1931..... | 33 | (*) | 1,231 | (*) | 661 | 3,191 | 5,006 | 1,875 |
| Vermont: | | | | | | | | |
| 1933..... | 6 | 10 | 48 | 11 | 26 | 180 | 265 | 85 |
| 1931..... | 5 | (*) | 70 | (*) | 36 | 171 | 259 | 88 |
| Virginia: | | | | | | | | |
| 1933..... | 87 | 69 | 1,268 | 69 | 432 | 2,651 | 3,986 | 1,335 |
| 1931..... | 91 | (*) | 1,042 | (*) | 488 | 2,339 | 3,776 | 1,437 |
| Washington: | | | | | | | | |
| 1933..... | 62 | 195 | 3,164 | 246 | 1,788 | 7,385 | 12,163 | 4,778 |
| 1931..... | 70 | (*) | 2,892 | (*) | 1,994 | 8,551 | 13,615 | 4,964 |
| Wisconsin: | | | | | | | | |
| 1933..... | 148 | 388 | 3,050 | 495 | 1,638 | 10,454 | 17,884 | 7,430 |
| 1931..... | 177 | (*) | 4,592 | (*) | 2,560 | 13,400 | 20,465 | 7,065 |
| Other States: ⁴ | | | | | | | | |
| 1933..... | 23 | 37 | 424 | 46 | 219 | 1,557 | 2,467 | 910 |
| 1931..... | 31 | (*) | 480 | (*) | 256 | 1,657 | 2,931 | 1,275 |
| CANNED AND PRESERVED FISH, CRABS, SHRIMPS, OYSTERS, AND CLAMS | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 264 | 707 | 9,993 | 880 | 4,473 | 26,248 | 40,560 | 14,311 |
| 1931..... | 304 | (*) | 8,691 | (*) | 5,222 | 28,404 | 42,352 | 13,948 |
| 1929..... | 348 | 1,153 | 13,612 | 2,807 | 8,799 | 53,240 | 80,849 | 27,609 |
| 1927..... | 337 | 1,194 | 12,650 | 2,499 | 8,106 | 42,892 | 65,082 | 22,191 |
| <i>States</i> | | | | | | | | |
| California: | | | | | | | | |
| 1933..... | 28 | 164 | 3,530 | 230 | 1,387 | 10,080 | 15,639 | 5,559 |
| 1931..... | 38 | (*) | 2,788 | (*) | 1,575 | 9,457 | 13,841 | 4,384 |
| Florida: | | | | | | | | |
| 1933..... | 7 | 11 | 216 | 11 | 32 | 208 | 402 | 194 |
| 1931..... | 7 | (*) | 273 | (*) | 93 | 303 | 517 | 214 |
| Georgia: | | | | | | | | |
| 1933..... | 7 | 13 | 273 | 11 | 62 | 337 | 458 | 121 |
| 1931..... | 7 | (*) | 210 | (*) | 58 | 269 | 386 | 116 |
| Illinois: | | | | | | | | |
| 1933..... | 6 | 11 | 40 | 22 | 33 | 338 | 483 | 145 |
| 1931..... | 6 | (*) | 40 | (*) | 62 | 431 | 541 | 111 |
| Louisiana: | | | | | | | | |
| 1933..... | 20 | 44 | 883 | 39 | 185 | 942 | 1,581 | 640 |
| 1931..... | 21 | (*) | 909 | (*) | 214 | 1,191 | 1,712 | 521 |
| Maine: | | | | | | | | |
| 1933..... | 43 | 72 | 1,367 | 68 | 455 | 2,090 | 3,026 | 936 |
| 1931..... | 49 | (*) | 1,194 | (*) | 543 | 2,569 | 3,664 | 1,095 |
| Massachusetts: | | | | | | | | |
| 1933..... | 16 | 91 | 651 | 121 | 610 | 1,644 | 3,135 | 1,491 |
| 1931..... | 18 | (*) | 741 | (*) | 920 | 2,269 | 4,003 | 1,734 |
| Michigan: | | | | | | | | |
| 1933..... | 4 | 3 | 18 | 4 | 13 | 115 | 160 | 45 |
| 1931..... | 4 | (*) | 18 | (*) | 27 | 198 | 280 | 82 |
| Mississippi: | | | | | | | | |
| 1933..... | 11 | 27 | 284 | 24 | 116 | 512 | 787 | 275 |
| 1931..... | 13 | (*) | 473 | (*) | 174 | 832 | 1,330 | 497 |
| New York: | | | | | | | | |
| 1933..... | 24 | 82 | 293 | 100 | 331 | 2,843 | 3,702 | 859 |
| 1931..... | 25 | (*) | 192 | (*) | 241 | 2,872 | 4,054 | 1,182 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employes ^{1, 2} | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|--|--------------------------|---|---|-----------------------|-------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | |
| CANNED AND PRESERVED FISH, CRABS, SHRIMPS, OYSTERS, AND CLAMS—continued | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| Oregon: | | | | | | | | |
| 1933..... | 13 | 37 | 432 | 46 | 264 | 1, 758 | 2, 884 | 1, 126 |
| 1931..... | 17 | (4) | 240 | (4) | 282 | 1, 854 | 2, 683 | 829 |
| Virginia: | | | | | | | | |
| 1933..... | 11 | 15 | 327 | 16 | 99 | 250 | 481 | 231 |
| 1931..... | 7 | (4) | 69 | (4) | 22 | 89 | 147 | 57 |
| Washington: | | | | | | | | |
| 1933..... | 49 | 93 | 1, 149 | 124 | 592 | 3, 793 | 5, 743 | 1, 950 |
| 1931..... | 54 | (4) | 804 | (4) | 625 | 4, 267 | 6, 447 | 2, 181 |
| Wisconsin: | | | | | | | | |
| 1933..... | 5 | 4 | 18 | 4 | 16 | 77 | 120 | 43 |
| 1931..... | 6 | (4) | 18 | (4) | 17 | 79 | 126 | 47 |
| Other States: ⁷ | | | | | | | | |
| 1933..... | 20 | 40 | 512 | 59 | 281 | 1, 264 | 1, 960 | 696 |
| 1931..... | 32 | (4) | 622 | (4) | 370 | 1, 723 | 2, 621 | 898 |

¹ Not including proprietors and firm members, as follows: Canning and preserving industries—1933, 1,067; 1931, no data; 1929, 1,883; 1927, 1,769. Fruits and vegetables, etc., industry—1933, 952; 1931, no data; 1929, 1,755; 1927, 1,614. Fish, crabs, etc., industry—1933, 115; 1931, no data; 1929, 123; 1927, 155.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ No data.

⁵ Figures for 1931 included in those for "Other States" to avoid disclosing approximations of data for individual establishments.

⁶ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Alabama, 3, 6; Arizona, 2, 1; District of Columbia, 0, 1; Kansas, 2, 3; Montana (1931), 2; New Hampshire, 1, 3; New Mexico, 2, 2; North Dakota, 1, 1; Rhode Island, 3, 4; West Virginia, 8, 7; Wyoming, 1, 1.

⁷ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Alabama, 2, 2; Connecticut, 1, 1; District of Columbia, 0, 1; Indiana, 0, 1; Maryland, 2, 6; Minnesota, 1, 2; New Jersey, 2, 3; Ohio, 1, 1; Pennsylvania, 2, 2; Rhode Island, 2, 2; South Carolina, 4, 7; Texas, 3, 4.

TABLE 2.—THE CANNING AND PRESERVING INDUSTRIES—PRODUCTION, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929

| | QUANTITY ¹ | | | VALUE IN THOUSANDS OF DOLLARS ¹ | | |
|--|-----------------------|----------------|----------------|--|---------|---------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| 1. Canning and preserving industries, all products, total value..... | | | | 480,548 | 555,353 | 831,191 |
| 2. Canned and processed vegetables, fruits, and sea foods..... | | | | 440,945 | 511,967 | 779,646 |
| 3. Other products (not normally belonging to the industries)..... | | | | 30,603 | 43,386 | 51,544 |
| 4. Canned and processed vegetables, fruits, and sea foods, reported as secondary products of other industries..... | | | | 7,480 | 11,057 | 18,192 |
| Canned and processed vegetables, fruits, and sea foods, aggregate (2 and 4)..... | | | | 457,406 | 523,024 | 797,839 |
| VEGETABLES, SOUPS, AND FRUITS | | | | | | |
| Total..... | | | | 417,733 | 481,665 | 721,846 |
| | <i>M cases</i> | <i>M cases</i> | <i>M cases</i> | | | |
| Canned vegetables and soups, total..... | 103,138 | 104,911 | 132,197 | 190,262 | 211,297 | 325,738 |
| Canned vegetables: | | | | | | |
| Asparagus..... | 2,064 | 1,878 | 2,727 | 7,247 | 10,392 | 15,465 |
| Beans, with pork, with sauce, and baked..... | 16,460 | 11,731 | 17,204 | 24,486 | 23,310 | 35,556 |
| Beans, other than baked..... | 9,116 | 12,421 | 13,613 | 14,725 | 22,278 | 34,107 |
| Beets..... | 1,234 | 1,465 | 1,911 | 1,926 | 2,374 | 4,577 |
| Corn..... | 10,206 | 19,377 | 16,724 | 17,692 | 31,492 | 36,797 |
| Greens, other than spinach..... | 101 | 77 | 263 | 143 | 139 | 576 |
| Hominy..... | 1,170 | 1,075 | 1,765 | 1,438 | 1,350 | 2,532 |
| Kraut..... | 3,345 | 3,645 | 4,224 | 5,206 | 5,429 | 8,422 |
| Peas..... | 13,292 | 13,253 | 17,546 | 28,559 | 28,939 | 44,508 |
| Pimientos..... | 270 | 274 | 506 | 800 | 981 | 2,014 |
| Pumpkin and squash..... | 1,753 | 1,008 | 2,424 | 2,623 | 1,506 | 4,215 |
| Spaghetti..... | 3,168 | 2,797 | 4,239 | 5,612 | 6,430 | 8,320 |
| Spinach..... | 2,546 | 1,774 | 4,815 | 4,932 | 3,863 | 12,132 |
| Succotash..... | 87 | 269 | 290 | 172 | 560 | 771 |
| Sweetpotatoes..... | 159 | 297 | 369 | 287 | 583 | 847 |
| Tomatoes..... | 15,900 | 13,894 | 21,401 | 26,377 | 21,694 | 42,171 |
| Tomato sauce..... | 1,867 | 466 | 952 | 3,219 | 1,115 | 2,549 |
| Vegetables, mixed..... | 586 | 464 | 825 | 816 | 1,089 | 1,981 |
| Carrots..... | 554 | 240 | | 746 | 341 | |
| Rhubarb..... | 26 | 46 | | 43 | 84 | |
| Tomato juice..... | 4,171 | 3,476 | 320,408 | 7,181 | 6,212 | 368,169 |
| Other canned vegetables..... | 4,480 | | | 9,024 | | |
| Canned soups..... | 10,584 | 14,986 | | 27,005 | 41,137 | |
| Canned fruits, total..... | 33,642 | 28,509 | 33,050 | 82,362 | 79,374 | 137,399 |
| Apples..... | 2,554 | 2,067 | 3,593 | 4,171 | 3,322 | 7,941 |
| Apricots..... | 2,489 | 2,116 | 4,267 | 6,033 | 5,501 | 17,134 |
| Berries, total..... | 1,443 | 2,550 | 2,443 | 3,619 | 7,758 | 10,523 |
| Blackberries..... | 398 | 748 | 844 | 731 | 1,431 | 2,418 |
| Blueberries..... | 292 | 295 | 228 | 773 | 698 | 1,112 |
| Loganberries..... | 171 | 444 | 359 | 417 | 1,436 | 1,319 |
| Raspberries..... | 482 | 777 | 608 | 1,347 | 2,702 | 3,260 |
| Strawberries..... | 100 | 286 | 403 | 351 | 1,491 | 2,418 |
| Cherries..... | 2,554 | 1,904 | 2,141 | 6,445 | 5,556 | 11,781 |
| Fruits for salad..... | 2,242 | 1,573 | 1,680 | 9,188 | 6,937 | 11,005 |
| Grapefruit..... | 2,280 | 1,599 | 1,175 | 4,890 | 3,835 | 4,137 |
| Olives, ripe..... | 433 | 816 | 934 | 1,751 | 4,205 | 4,675 |
| Peaches..... | 10,487 | 8,617 | 8,724 | 24,496 | 22,640 | 35,675 |
| Pears..... | 4,853 | 3,913 | 4,932 | 13,093 | 12,124 | 24,450 |
| Plums..... | 187 | 194 | 171 | 413 | 461 | 560 |
| Prunes..... | 810 | 800 | 1,069 | 1,527 | 1,627 | 3,225 |
| Orange juice..... | 111 | 99 | | 374 | 277 | |
| Other canned fruits and fruit juices..... | 3,199 | 2,257 | 1,922 | 6,356 | 5,071 | 6,283 |

For footnotes, see end of table.

TABLE 2.—THE CANNING AND PRESERVING INDUSTRIES—PRODUCTION, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929—Con.

| | QUANTITY ¹ | | | VALUE IN THOUSANDS OF DOLLARS ¹ | | |
|---|------------------------------------|---------------------------|-------------------------|--|--------|--------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| VEGETABLES, SOUPS, AND FRUITS—continued | | | | | | |
| Dried fruits, ⁴ total..... | <i>M lb.</i> 1,014,069 | <i>M lb.</i> 1,084,386 | <i>M lb.</i> 938,699 | 48,422 | 60,565 | 75,892 |
| Apples..... | 53,288 | 44,332 | 44,620 | 4,169 | 3,420 | 5,206 |
| Apricots..... | 83,007 | 74,138 | 43,090 | 6,821 | 7,348 | 7,320 |
| Pigs..... | 42,366 | 48,166 | 28,021 | 1,662 | 2,057 | 2,770 |
| Peaches..... | 48,668 | 50,304 | 35,850 | 2,776 | 3,540 | 4,308 |
| Prunes..... | 405,227 | 447,196 | 347,349 | 18,103 | 19,941 | 30,362 |
| Raisins..... | 375,909 | 391,921 | 421,204 | 13,803 | 20,539 | 23,513 |
| Other dried fruits..... | 5,604 | 28,329 | 18,566 | 1,090 | 3,719 | 2,413 |
| Dried and dehydrated vegetables..... | | | | 384 | 252 | 405 |
| Ketchup..... | | | | 12,786 | 15,805 | 24,437 |
| Kraut, in bulk ⁵ | | | | 2,701 | 2,664 | 4,271 |
| Maraschino cherries..... | | | | 1,665 | 3,304 | 47,149 |
| Preserves, jams, jellies, and fruit butters..... | | | | 19,970 | 27,101 | 47,149 |
| Pickles..... | | | | 21,487 | 28,923 | 34,481 |
| Prepared horseradish..... | | | | 711 | 1,273 | 1,375 |
| Prepared mustard..... | | | | 5,726 | 6,997 | 8,155 |
| Salad dressings: | | | | | | |
| Mayonnaise..... | | | | 18,394 | 23,045 | 29,700 |
| Thousand Island, French, Russian, etc..... | | | | 4,530 | 6,795 | 13,544 |
| Sauces..... | | | | 4,576 | 6,793 | 9,013 |
| Other products, not reported separately..... | | | | 3,276 | 7,478 | 10,287 |
| FISH, CRABS, SHRIMPS, OYSTERS, AND CLAMS | | | | | | |
| Total..... | | | | 39,673 | 41,359 | 75,993 |
| | <i>M standard cases</i> | <i>M standard cases</i> | <i>M standard cases</i> | | | |
| Canned fish, oysters, etc., ⁶ total..... | 7,861 | 6,946 | 11,658 | 31,257 | 31,079 | 58,470 |
| Clams and clam products ⁷ | 415 | 400 | 464 | 1,690 | 1,988 | 2,174 |
| Mackerel ⁸ | 748 | 148 | 575 | 1,867 | 393 | 2,320 |
| Oysters ⁷ | 343 | 351 | 455 | 1,075 | 989 | 2,174 |
| Salmon ⁸ ⁹ | 1,137 | 1,187 | 1,561 | 7,866 | 7,615 | 14,303 |
| Sardines (herring) ¹⁰ | 981 | 900 | 2,017 | 2,397 | 2,617 | 6,942 |
| Sardines (pilchard) ¹⁰ | 1,539 | 1,676 | 3,779 | 3,805 | 4,500 | 11,252 |
| Shrimps ¹¹ | 860 | 818 | 980 | 3,479 | 3,393 | 5,535 |
| Tuna ¹² | 1,443 | 1,190 | 1,541 | 6,934 | 7,213 | 10,798 |
| Other canned fish ⁸ | 53 | 67 | 74 | 390 | 318 | 521 |
| Canned fish products ⁸ | 336 | 210 | 212 | 1,752 | 2,053 | 2,451 |
| | <i>M lbs.</i> (¹³) | <i>M lbs.</i> 66,384 | <i>M lbs.</i> 99,789 | 8,416 | 10,280 | 17,523 |

¹ See sec. 25, p. 13.² See also "Kraut, in bulk," infra.³ Combined to avoid disclosing approximation of output of an individual establishment.⁴ Census figures do not cover total production on farms and ranches but do include data for dried fruits produced on large fruit farms.⁵ See also "Kraut" under "Canned vegetables and soups," supra.⁶ The 1933 statistics for "Canned fish, oysters," etc., were compiled by the Bureau of Fisheries, Department of Commerce. The 1931 and 1929 figures are based on census data.⁷ Standard case contains forty-eight No. 1 cans.⁸ Standard case contains forty-eight 1-pound cans.⁹ Production in Alaska, as reported to Bureau of Fisheries, Department of Commerce, was as follows: 1933, 5,225,604 standard cases, valued at \$28,376,014; 1931, 5,403,311 standard cases, \$29,096,868; 1929, 5,370,159 standard cases, \$40,469,385.¹⁰ Standard cases represent the various-sized cases converted to the uniform basis of one hundred ¼-pound cans to the case of "Sardines (herring)" and forty-eight 1-pound cans to the case of "Sardines (pilchard)."¹¹ Standard case contains forty-eight 5¼-ounce cans for wet pack and forty-eight 5-ounce cans for dry pack.¹² Standard case contains forty-eight ½-pound cans.¹³ No data.

TABLE 3.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES: 1933 AND 1931

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8.) See sec. 26, p. 13]

| | 1933 ¹ | | | | 1931 | | | |
|--|-------------------|--------|-----------|----------|------------------|------------------|------------------|------------------|
| | March | June | September | December | March | June | September | December |
| CANNED AND DRIED FRUITS AND VEGETABLES; PRESERVES, JELLIES, FRUIT BUTTERS, PICKLES, AND SAUCES | | | | | | | | |
| United States..... | 37,525 | 68,771 | 217,572 | 49,651 | 45,005 | 83,635 | 181,658 | 37,815 |
| <i>States</i> | | | | | | | | |
| Alabama..... | 135 | 115 | 153 | 77 | 139 | 208 | 189 | 112 |
| Arkansas..... | 54 | 154 | 6,286 | 323 | 88 | 689 | 4,483 | 57 |
| California..... | 9,438 | 16,795 | 60,855 | 13,706 | 13,869 | 21,998 | 30,206 | 8,695 |
| Colorado..... | 202 | 776 | 1,908 | 275 | 302 | 1,046 | 2,036 | 107 |
| Connecticut..... | 52 | 77 | 250 | 62 | 54 | 88 | 241 | 54 |
| Delaware..... | 102 | 980 | 4,622 | 129 | 120 | 1,238 | 4,099 | 228 |
| Florida..... | 4,347 | 2,001 | 1,172 | 3,046 | 4,914 | 375 | 111 | 2,702 |
| Georgia..... | 90 | 167 | 1,116 | 97 | 67 | 129 | 1,845 | 133 |
| Idaho..... | 88 | 14 | 324 | 542 | 9 | 113 | 488 | 324 |
| Illinois..... | 2,436 | 4,451 | 7,644 | 2,569 | 2,903 | 4,803 | 9,381 | 2,525 |
| Indiana..... | 1,870 | 3,792 | 20,179 | 2,920 | 2,103 | 3,753 | 16,922 | 1,961 |
| Iowa..... | 408 | 863 | 4,481 | 523 | 548 | 1,244 | 8,489 | 596 |
| Kentucky..... | 354 | 367 | 1,948 | 329 | 315 | 360 | 1,503 | 297 |
| Louisiana..... | 209 | 381 | 379 | 261 | 194 | 490 | 319 | 181 |
| Maine..... | 251 | 291 | 3,965 | 356 | 307 | 307 | 4,504 | 334 |
| Maryland..... | 1,552 | 5,312 | 18,474 | 2,019 | 1,190 | 5,343 | 15,820 | 1,209 |
| Massachusetts..... | 450 | 492 | 518 | 496 | 432 | 472 | 491 | 453 |
| Michigan..... | 875 | 2,372 | 4,922 | 1,613 | 813 | 2,297 | 5,488 | 847 |
| Minnesota..... | 369 | 2,030 | 2,871 | 538 | 602 | 1,156 | 3,777 | 375 |
| Mississippi..... | 189 | 435 | 329 | 134 | 434 | 888 | 396 | 121 |
| Missouri..... | 332 | 363 | 3,318 | 344 | 296 | 354 | 2,980 | 266 |
| Montana..... | 24 | 104 | 186 | 21 | (²) | (²) | (²) | (²) |
| Nebraska..... | 144 | 252 | 721 | 153 | 140 | 193 | 788 | 162 |
| New Jersey..... | 1,999 | 2,364 | 6,992 | 2,968 | 2,674 | 2,423 | 5,282 | 2,297 |
| New York..... | 3,687 | 6,280 | 16,193 | 4,503 | 4,323 | 6,481 | 14,765 | 4,701 |
| North Carolina..... | 94 | 98 | 120 | 87 | 71 | 162 | 96 | 94 |
| Ohio..... | 1,834 | 2,374 | 7,192 | 1,321 | 1,261 | 2,750 | 8,579 | 1,861 |
| Oklahoma..... | 58 | 148 | 898 | 250 | 49 | 61 | 278 | 51 |
| Oregon..... | 495 | 1,397 | 9,480 | 840 | 715 | 6,896 | 7,202 | 875 |
| Pennsylvania..... | 2,669 | 3,326 | 5,480 | 3,650 | 2,316 | 3,461 | 4,302 | 2,976 |
| Rhode Island..... | 17 | 35 | 18 | 15 | 25 | 36 | 22 | 21 |
| South Carolina..... | 16 | 108 | 236 | 17 | 21 | 677 | 184 | 23 |
| Tennessee..... | 52 | 393 | 2,915 | 105 | 59 | 151 | 2,215 | 96 |
| Texas..... | 580 | 767 | 620 | 700 | 366 | 603 | 939 | 249 |
| Utah..... | 307 | 910 | 3,071 | 452 | 400 | 1,179 | 3,839 | 274 |
| Vermont..... | 12 | 19 | 218 | 18 | 23 | 20 | 278 | 34 |
| Virginia..... | 352 | 803 | 4,405 | 313 | 160 | 484 | 2,883 | 378 |
| Washington..... | 755 | 1,144 | 8,199 | 2,653 | 653 | 2,208 | 9,199 | 1,391 |
| West Virginia..... | 32 | 121 | 464 | 7 | 42 | 54 | 376 | 41 |
| Wisconsin..... | 1,039 | 5,750 | 5,133 | 1,151 | 1,443 | 8,281 | 6,716 | 1,072 |
| CANNED AND PRESERVED FISH, CRABS, SHRIMPS, OYSTERS, AND CLAMS | | | | | | | | |
| United States..... | 6,948 | 8,994 | 16,455 | 9,288 | 7,774 | 5,308 | 13,750 | 7,558 |
| <i>States</i> | | | | | | | | |
| California..... | 2,519 | 2,511 | 4,799 | 5,068 | 2,591 | 1,353 | 4,079 | 3,008 |
| Florida..... | 225 | 213 | 278 | 284 | 201 | 149 | 387 | 470 |
| Georgia..... | 143 | 248 | 539 | 252 | 92 | 84 | 461 | 153 |
| Illinois..... | 36 | 40 | 38 | 45 | 41 | 37 | 33 | 44 |
| Louisiana..... | 522 | 681 | 2,341 | 202 | 791 | 953 | 1,544 | 682 |
| Maine..... | 573 | 1,709 | 2,937 | 410 | 671 | 241 | 3,245 | 497 |
| Massachusetts..... | 662 | 602 | 655 | 667 | 882 | 684 | 590 | 733 |

For footnotes, see end of table.

TABLE 3.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES: 1933 AND 1931—Continued

[See note at head of table]

| | 1933 ¹ | | | | 1931 | | | |
|---|-------------------|-------|----------------|---------------|-------|------|----------------|---------------|
| | March | June | Sep- tember | De- cember | March | June | Sep- tember | De- cember |
| CANNED AND PRESERVED FISH, CRABS, SHRIMPS, OYSTERS, AND CLAMS—continued | | | | | | | | |
| States—Continued | | | | | | | | |
| Michigan..... | 18 | 19 | 18 | 15 | 17 | 19 | 17 | 14 |
| Mississippi..... | 308 | 98 | 301 | 439 | 718 | 96 | 535 | 688 |
| New York..... | 336 | 252 | 265 | 335 | 210 | 159 | 173 | 227 |
| Oregon..... | 86 | 743 | 757 | 143 | 58 | 426 | 302 | 45 |
| Texas..... | 45 | 181 | 175 | 164 | 45 | 130 | 275 | 80 |
| Virginia..... | 199 | 407 | 659 | 74 | 110 | 31 | 14 | 16 |
| Washington..... | 712 | 1,048 | 2,400 | 544 | 592 | 735 | 1,602 | 281 |
| Wisconsin..... | 16 | 14 | 18 | 39 | 20 | 10 | 16 | 19 |

¹ See secs. 5, p. 4, and 13, p. 8. The establishments canvassed with the standard schedule reported wage earners, by months, as follows:

Canned vegetables and fruits.—Number of establishments reported on standard schedule, 1,560.

| | | | | | |
|---------------|--------|-------------|---------|----------------|---------|
| January..... | 35,071 | May..... | 47,293 | September..... | 199,512 |
| February..... | 36,414 | June..... | 66,778 | October..... | 124,884 |
| March..... | 36,633 | July..... | 101,711 | November..... | 67,938 |
| April..... | 51,241 | August..... | 151,810 | December..... | 47,843 |

Canned and preserved fish, etc.—Number of establishments reported on standard schedule, 191.

| | | | | | |
|---------------|-------|-------------|--------|----------------|--------|
| January..... | 4,488 | May..... | 8,019 | September..... | 15,265 |
| February..... | 5,840 | June..... | 8,329 | October..... | 12,218 |
| March..... | 6,294 | July..... | 9,798 | November..... | 10,842 |
| April..... | 7,467 | August..... | 14,154 | December..... | 8,459 |

² Withheld to avoid disclosing data for individual establishments.

CEREAL PREPARATIONS

[A preliminary report for this industry was issued on Aug. 12, 1934]

Description of the industry.—This industry embraces establishments engaged primarily in the manufacture of breakfast foods, prepared flour, coffee substitutes, and similar preparations from corn, oats, wheat, and other grains.

Extent of coverage.—All the establishments in this industry that reported at the census for 1931 were accounted for in the canvass for 1933.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|---|---|-----------------------|-------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 103 | 1,020 | 7,115 | 1,795 | 7,270 | 55,015 | 111,026 | 56,011 |
| 1931..... | 111 | (⁴) | 7,018 | (⁴) | 9,005 | 69,427 | 141,583 | 72,157 |
| 1929..... | 121 | 1,670 | 6,488 | 3,355 | 8,876 | 101,472 | 175,223 | 73,752 |
| 1927..... | 77 | 1,182 | 6,028 | 2,615 | 8,417 | 91,748 | 155,563 | 63,815 |
| <i>States</i> | | | | | | | | |
| California: | | | | | | | | |
| 1933..... | 11 | 18 | 90 | 25 | 89 | 335 | 1,293 | 958 |
| 1931..... | 10 | (⁴) | 107 | (⁴) | 126 | 506 | 1,648 | 1,142 |
| Illinois: | | | | | | | | |
| 1933..... | 6 | 110 | 468 | 160 | 445 | 4,169 | 8,422 | 4,252 |
| 1931..... | 11 | (⁴) | 419 | (⁴) | 488 | 3,942 | 6,720 | 2,778 |
| Iowa: | | | | | | | | |
| 1933..... | 8 | 109 | 1,356 | 191 | 1,165 | 12,804 | 20,369 | 7,565 |
| 1931..... | 8 | (⁴) | 1,338 | (⁴) | 1,475 | 15,682 | 27,805 | 12,123 |
| Massachusetts: | | | | | | | | |
| 1933 ⁵ | 4 | 4 | 9 | 6 | 8 | 70 | 181 | 61 |
| Michigan: | | | | | | | | |
| 1933..... | 9 | 386 | 2,560 | 704 | 2,951 | 11,688 | 32,394 | 20,706 |
| 1931..... | 9 | (⁴) | 2,405 | (⁴) | 3,433 | 16,139 | 39,234 | 23,094 |
| Minnesota: | | | | | | | | |
| 1933..... | 6 | 70 | 182 | 127 | 188 | 1,873 | 5,099 | 3,226 |
| 1931..... | 6 | (⁴) | 187 | (⁴) | 225 | 2,413 | 6,655 | 4,241 |
| New York: | | | | | | | | |
| 1933..... | 15 | 118 | 714 | 161 | 732 | 2,950 | 9,830 | 6,879 |
| 1931..... | 14 | (⁴) | 798 | (⁴) | 989 | 4,272 | 13,244 | 8,972 |
| South Carolina: | | | | | | | | |
| 1933..... | 4 | 2 | 18 | (⁶) | 10 | 276 | 325 | 49 |
| 1931..... | 4 | (⁴) | 13 | (⁴) | 12 | 170 | 216 | 46 |
| Virginia: | | | | | | | | |
| 1933..... | 4 | 7 | 23 | 6 | 18 | 406 | 491 | 95 |
| 1931..... | 4 | (⁴) | 23 | (⁴) | 25 | 387 | 484 | 98 |
| Other States: ⁷ | | | | | | | | |
| 1933..... | 36 | 246 | 1,696 | 413 | 1,664 | 20,443 | 32,671 | 12,228 |
| 1931..... | 45 | (⁴) | 1,728 | (⁴) | 2,233 | 25,915 | 45,578 | 19,663 |

¹ Not including proprietors and firm members, as follows: 1933, 29; 1931, no data; 1929, 46; 1927, 35.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ No data.

⁵ Figures for 1931 withheld to avoid disclosing approximations of data for individual establishments; included in items for "Other States."

⁶ Withheld to avoid disclosing compensation of individual employees; included in figure for "Other States."

⁷ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Ala., 2, 1; Colo., 0, 1; Conn., 1, 1; Ga., 3, 3; Ind., 2, 5; Kans., 1, 2; Ky., 1, 0; La., 2, 2; Md., 1, 1; Mass. (1931), 3; Mo., 3, 2; Mont., 1, 0; Nebr., 2, 1; N. J., 2, 2; N. C., 3, 3; N. Dak., 1, 1; Ohio, 2, 4; Pa., 2, 3; Tenn., 3, 3; Utah, 0, 1; Vt., 1, 1; Wash., 3, 4; Wis., 0, 1.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929

| | 1933 | 1931 | 1929 |
|---|---------------|---------------|---------------|
| 1. "Cereal-preparations" industry, all products, total value... | \$111,025,686 | \$141,583,317 | \$175,223,126 |
| 2. Cereal preparations..... | 88,633,307 | 112,978,051 | 131,353,947 |
| 3. Other products (not normally belonging to the industry)..... | 22,392,379 | 28,605,266 | 43,869,179 |
| 4. Cereal preparations made as secondary products in other industries, value..... | 21,026,357 | 22,698,392 | 37,354,310 |
| 5. Cereal preparations, aggregate value (2 and 4)..... | 109,659,664 | 135,676,443 | 168,708,257 |

| | Quantity in thousands of pounds ¹ | | | Value in thousands of dollars ¹ | | |
|-------------------------------------|--|---------|-----------|--|---------|---------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| Cereal preparations, aggregate..... | | | | 109,660 | 135,676 | 168,708 |
| Breakfast foods, total..... | | | | 77,240 | 100,092 | 121,107 |
| Made from wheat..... | 359,588 | (?) | (?) | 33,988 | 34,696 | 47,386 |
| Made from oats..... | 668,997 | 836,936 | 718,382 | 19,189 | 29,613 | 36,419 |
| Made from corn..... | 312,304 | 371,169 | 383,867 | 18,445 | 21,370 | 27,458 |
| Made from other grains..... | (?) | 93,992 | 58,365 | 5,618 | 14,412 | 9,843 |
| Prepared flour..... | 910,480 | 951,513 | 1,002,399 | 29,700 | 31,992 | 39,076 |
| Coffee substitutes..... | 8,634 | 12,327 | 19,816 | 1,825 | 2,608 | 5,253 |
| Other cereal preparations..... | | | | 894 | 984 | 3,272 |

¹See sec. 25, p. 13.

²Data incomplete.

CONFECTIONERY CHOCOLATE AND COCOA PRODUCTS CHEWING GUM

[Preliminary reports for these industries were issued on Nov. 5, Sept. 7, and Aug. 16, 1934, respectively]

Descriptions of the industries.—The “Confectionery” industry, as defined for Census purposes, embraces establishments engaged primarily in the manufacture of candy, confections, pop-corn balls and cakes, salted nuts, stuffed dates, and related products, not including chewing gum, the manufacture of which is treated as a separate industry.

The “Chocolate and cocoa products, not including confectionery” industry comprises manufacturers engaged primarily in the production of chocolate from the cocoa bean (the beanlike seed of the cacao tree) and the further manufacture of cocoa, cocoa butter, and other chocolate products. Of the 54 manufacturers reporting for 1933, 20 were engaged primarily in the production of confectionery but made chocolate coatings for their own use and some chocolate and cocoa products for sale. These 20 manufacturers made separate returns for their confectionery and their chocolate and cocoa products departments, and therefore each of them is represented by one establishment classified in the “Confectionery” industry and by one establishment in the “Chocolate and cocoa products, not including confectionery” industry.

The “Chewing gum” industry embraces establishments engaged primarily in the manufacture of chewing gum from such materials as crude gum or chicle, paraffin, essential oils, flavoring extracts, etc.

Extent of coverage.—All the establishments in the “Chocolate and cocoa products” and “Chewing gum” industries that reported at the Census for 1931 were accounted for in the canvass for 1933. As the result of a variety of causes beyond the Bureau’s control, including the numerous industrial changes which were taking place during the period, the Census coverage of the “Confectionery” industry was somewhat, but not seriously, incomplete. Of the 1,566 establishments that reported for 1931, 95, or 6.1 percent, failed to supply any information in regard to their status (active, idle, etc.) or activities in 1933; but these establishments accounted for only 1.1 percent of the total number of wage earners and eight-tenths of 1 percent of the total value of products reported for this industry for 1931.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13.]

| | Number of establishments | Number of salaried employees ^{1, 2} | Number of wage earners (average for the year) | Salaries ³ | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|-----------------------|--------------------------|--|---|-----------------------|---------|--|-------------------|---|
| | | | | | | | | |
| CONFECTIONERY | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933 | 1, 218 | 5, 382 | 50, 609 | 7, 623 | 32, 991 | 114, 164 | 211, 833 | 97, 699 |
| 1931 | 1, 566 | (*) | 51, 262 | (*) | 42, 153 | 144, 748 | 284, 157 | 139, 409 |
| 1929 | 2, 021 | 9, 217 | 63, 501 | 23, 585 | 56, 443 | 215, 192 | 393, 270 | 178, 077 |
| 1927 | 1, 908 | 9, 979 | 63, 163 | 24, 565 | 56, 981 | 218, 373 | 391, 927 | 173, 555 |
| <i>States</i> | | | | | | | | |
| Alabama: | | | | | | | | |
| 1933 | 6 | 11 | 141 | 10 | 56 | 203 | 346 | 143 |
| 1931 | 8 | (*) | 142 | (*) | 71 | 251 | 471 | 220 |
| Arkansas: | | | | | | | | |
| 1933 | 5 | 6 | 66 | 6 | 39 | 59 | 136 | 77 |
| 1931 | 5 | (*) | 16 | (*) | 10 | 52 | 68 | 16 |
| California: | | | | | | | | |
| 1933 | 125 | 284 | 2, 097 | 398 | 1, 666 | 4, 973 | 9, 692 | 4, 720 |
| 1931 | 156 | (*) | 2, 408 | (*) | 2, 223 | 6, 700 | 13, 687 | 6, 987 |
| Colorado: | | | | | | | | |
| 1933 | 29 | 47 | 324 | 66 | 201 | 602 | 1, 252 | 650 |
| 1931 | 31 | (*) | 397 | (*) | 309 | 786 | 1, 801 | 1, 015 |
| Connecticut: | | | | | | | | |
| 1933 | 12 | 51 | 457 | 61 | 350 | 1, 252 | 2, 286 | 1, 035 |
| 1931 | 15 | (*) | 337 | (*) | 291 | 975 | 1, 889 | 915 |
| District of Columbia: | | | | | | | | |
| 1933 | 8 | 19 | 96 | 19 | 83 | 191 | 355 | 165 |
| 1931 | 8 | (*) | 98 | (*) | 94 | 244 | 599 | 355 |
| Georgia: | | | | | | | | |
| 1933 | 20 | 122 | 807 | 194 | 401 | 1, 454 | 2, 782 | 1, 328 |
| 1931 | 26 | (*) | 1, 018 | (*) | 718 | 2, 208 | 4, 619 | 2, 411 |
| Idaho: | | | | | | | | |
| 1933 | 4 | 8 | 30 | 9 | 22 | 58 | 115 | 56 |
| Illinois: | | | | | | | | |
| 1933 | 115 | 1, 018 | 13, 099 | 1, 609 | 8, 250 | 35, 779 | 64, 192 | 28, 413 |
| 1931 | 133 | (*) | 10, 213 | (*) | 9, 254 | 41, 447 | 74, 492 | 33, 045 |
| Indiana: | | | | | | | | |
| 1933 | 23 | 124 | 990 | 117 | 482 | 1, 359 | 2, 324 | 965 |
| 1931 | 26 | (*) | 879 | (*) | 633 | 2, 027 | 3, 469 | 1, 433 |
| Iowa: | | | | | | | | |
| 1933 | 19 | 65 | 639 | 92 | 335 | 981 | 1, 869 | 888 |
| 1931 | 25 | (*) | 686 | (*) | 498 | 1, 584 | 3, 040 | 1, 456 |
| Kentucky: | | | | | | | | |
| 1933 | 9 | 37 | 333 | 47 | 191 | 578 | 1, 045 | 467 |
| 1931 | 17 | (*) | 331 | (*) | 222 | 673 | 1, 296 | 623 |
| Louisiana: | | | | | | | | |
| 1933 | 10 | 39 | 249 | 52 | 129 | 353 | 744 | 390 |
| 1931 | 16 | (*) | 313 | (*) | 191 | 571 | 1, 248 | 677 |
| Maine: | | | | | | | | |
| 1933 | 13 | 13 | 62 | 12 | 45 | 102 | 180 | 79 |
| 1931 | 23 | (*) | 93 | (*) | 80 | 223 | 453 | 230 |
| Maryland: | | | | | | | | |
| 1933 | 33 | 72 | 664 | 89 | 400 | 1, 146 | 2, 256 | 1, 110 |
| 1931 | 36 | (*) | 871 | (*) | 564 | 1, 728 | 3, 496 | 1, 768 |
| Massachusetts: | | | | | | | | |
| 1933 | 108 | 619 | 5, 420 | 908 | 3, 889 | 11, 334 | 20, 960 | 9, 626 |
| 1931 | 127 | (*) | 5, 943 | (*) | 4, 984 | 14, 646 | 30, 176 | 15, 530 |
| Michigan: | | | | | | | | |
| 1933 | 28 | 90 | 927 | 111 | 500 | 1, 441 | 2, 627 | 1, 186 |
| 1931 | 37 | (*) | 894 | (*) | 687 | 2, 798 | 4, 617 | 1, 819 |
| Minnesota: | | | | | | | | |
| 1933 | 30 | 86 | 640 | 118 | 419 | 1, 504 | 2, 712 | 1, 209 |
| 1931 | 38 | (*) | 849 | (*) | 605 | 2, 632 | 4, 826 | 2, 144 |
| Mississippi: | | | | | | | | |
| 1933 | 5 | 1 | 49 | (*) | 21 | 77 | 137 | 60 |
| 1931 | 4 | (*) | 52 | (*) | 26 | 102 | 190 | 88 |
| Missouri: | | | | | | | | |
| 1933 | 36 | 217 | 2, 267 | 370 | 1, 544 | 5, 331 | 9, 373 | 4, 042 |
| 1931 | 49 | (*) | 2, 517 | (*) | 1, 936 | 6, 507 | 11, 032 | 5, 125 |
| Montana: | | | | | | | | |
| 1933 | 4 | 2 | 9 | (*) | 7 | 17 | 35 | 18 |
| 1931 | 3 | (*) | 9 | (*) | 12 | 28 | 46 | 17 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ¹ 2 | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|---|---|-----------------------|-------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | |
| Nebraska: | | | | | | | | |
| 1933..... | 7 | 42 | 127 | 43 | 74 | 227 | 470 | 244 |
| 1931..... | 8 | (⁴) | 173 | (⁴) | 108 | 300 | 697 | 396 |
| New Jersey: | | | | | | | | |
| 1933..... | 30 | 77 | 1,143 | 114 | 783 | 2,344 | 4,013 | 1,669 |
| 1931..... | 37 | (⁴) | 1,041 | (⁴) | 883 | 2,332 | 4,665 | 2,393 |
| New York: | | | | | | | | |
| 1933..... | 136 | 907 | 6,667 | 1,146 | 4,756 | 14,821 | 30,447 | 15,626 |
| 1931..... | 177 | (⁴) | 7,535 | (⁴) | 6,723 | 19,824 | 43,893 | 24,069 |
| Ohio: | | | | | | | | |
| 1933..... | 71 | 246 | 2,411 | 342 | 1,498 | 5,177 | 8,881 | 3,705 |
| 1931..... | 101 | (⁴) | 2,562 | (⁴) | 1,971 | 7,223 | 12,784 | 5,561 |
| Oklahoma: | | | | | | | | |
| 1933..... | 13 | 10 | 112 | 17 | 72 | 308 | 482 | 174 |
| 1931..... | 12 | (⁴) | 89 | (⁴) | 60 | 242 | 432 | 190 |
| Oregon: | | | | | | | | |
| 1933..... | 13 | 41 | 156 | 46 | 121 | 331 | 700 | 369 |
| 1931..... | 20 | (⁴) | 230 | (⁴) | 195 | 870 | 1,141 | 572 |
| Pennsylvania: | | | | | | | | |
| 1933..... | 124 | 559 | 5,582 | 833 | 3,891 | 11,389 | 22,266 | 10,877 |
| 1931..... | 178 | (⁴) | 6,199 | (⁴) | 4,787 | 14,398 | 31,058 | 16,660 |
| Rhode Island: | | | | | | | | |
| 1933..... | 5 | 14 | 188 | 13 | 98 | 285 | 497 | 212 |
| 1931..... | 8 | (⁴) | 109 | (⁴) | 75 | 235 | 542 | 307 |
| Tennessee: | | | | | | | | |
| 1933..... | 15 | 54 | 606 | 83 | 343 | 1,496 | 3,107 | 1,611 |
| 1931..... | 17 | (⁴) | 668 | (⁴) | 475 | 1,884 | 3,629 | 1,745 |
| Texas: | | | | | | | | |
| 1933..... | 46 | 93 | 794 | 125 | 441 | 1,375 | 2,701 | 1,326 |
| 1931..... | 56 | (⁴) | 815 | (⁴) | 538 | 1,900 | 4,111 | 2,211 |
| Utah: | | | | | | | | |
| 1933..... | 10 | 83 | 422 | 112 | 254 | 753 | 1,463 | 710 |
| 1931..... | 15 | (⁴) | 404 | (⁴) | 342 | 804 | 1,806 | 1,002 |
| Virginia: | | | | | | | | |
| 1933..... | 16 | 53 | 893 | 66 | 329 | 2,552 | 3,545 | 993 |
| 1931..... | 16 | (⁴) | 636 | (⁴) | 447 | 2,470 | 4,271 | 1,801 |
| Washington: | | | | | | | | |
| 1933..... | 30 | 88 | 447 | 100 | 312 | 850 | 1,732 | 882 |
| 1931..... | 42 | (⁴) | 550 | (⁴) | 471 | 1,331 | 2,879 | 1,548 |
| West Virginia: | | | | | | | | |
| 1933..... | 5 | 10 | 37 | 12 | 19 | 91 | 144 | 54 |
| 1931..... | 7 | (⁴) | 41 | (⁴) | 32 | 110 | 199 | 89 |
| Wisconsin: | | | | | | | | |
| 1933..... | 32 | 139 | 1,293 | 216 | 779 | 2,695 | 4,594 | 1,599 |
| 1931..... | 40 | (⁴) | 1,495 | (⁴) | 1,104 | 3,315 | 6,461 | 3,136 |
| Other States: ⁷ | | | | | | | | |
| 1933..... | 23 | 40 | 355 | 66 | 195 | 677 | 1,370 | 693 |
| 1931..... | 49 | (⁴) | 649 | (⁴) | 484 | 1,581 | 3,497 | 1,916 |
| CHOCOLATE AND COCOA PRODUCTS | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 54 | 721 | 6,460 | 1,427 | 6,115 | 41,572 | 67,754 | 26,182 |
| 1931..... | 55 | (⁴) | 5,677 | (⁴) | 6,649 | 50,045 | 87,346 | 37,301 |
| 1929..... | 59 | 810 | 6,249 | 2,468 | 7,778 | 79,549 | 119,541 | 39,991 |
| 1927..... | 69 | 918 | 6,427 | 2,786 | 7,339 | 90,423 | 122,723 | 32,300 |
| <i>States</i> | | | | | | | | |
| California: | | | | | | | | |
| 1933..... | 5 | 26 | 215 | 72 | 226 | 1,538 | 2,537 | 999 |
| 1931..... | 5 | (⁴) | 237 | (⁴) | 280 | 2,042 | 3,830 | 1,788 |
| Illinois: | | | | | | | | |
| 1933..... | 5 | 28 | 205 | 68 | 165 | 2,009 | 3,409 | 1,400 |
| 1931..... | 5 | (⁴) | 113 | (⁴) | 139 | 1,739 | 4,538 | 2,798 |
| Massachusetts: | | | | | | | | |
| 1933..... | 10 | 89 | 880 | 189 | 892 | 5,763 | 7,699 | 1,936 |
| 1931..... | 11 | (⁴) | 802 | (⁴) | 917 | 7,155 | 10,374 | 3,219 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ^{1, 2} | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|--|---|-----------------------|-------|--|-------------------|---|
| | | | | | | | | |
| CHOCOLATE AND COCOA PRODUCTS—continued | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| New Jersey: | | | | | | | | |
| 1933 | 5 | 28 | 219 | 49 | 179 | 1,017 | 1,620 | 603 |
| 1931 | 4 | (⁴) | 180 | (⁴) | 216 | 1,292 | 1,920 | 628 |
| New York: | | | | | | | | |
| 1933 | 13 | 296 | 1,930 | 533 | 2,059 | 12,475 | 19,979 | 7,504 |
| 1931 | 15 | (⁴) | 1,621 | (⁴) | 2,085 | 12,035 | 21,765 | 9,729 |
| Pennsylvania: | | | | | | | | |
| 1933 | 11 | 224 | 2,345 | 463 | 2,473 | 17,830 | 30,906 | 13,076 |
| 1931 | 10 | (⁴) | 2,603 | (⁴) | 2,878 | 24,498 | 42,769 | 18,271 |
| Other States: ⁵ | | | | | | | | |
| 1933 | 5 | 30 | 166 | 54 | 120 | 940 | 1,604 | 664 |
| 1931 | 5 | (⁴) | 121 | (⁴) | 134 | 1,284 | 2,151 | 867 |
| CHEWING GUM | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933 | 31 | 322 | 2,445 | 527 | 2,299 | 12,599 | \$ 41,654 | 29,055 |
| 1931 | 35 | (⁴) | 2,147 | (⁴) | 2,464 | 16,824 | \$ 51,340 | 34,516 |
| 1929 | 37 | 587 | 2,265 | 1,462 | 2,733 | 23,231 | \$ 60,160 | 36,929 |
| 1927 | 40 | 733 | 2,524 | 1,686 | 2,727 | 27,168 | \$ 62,001 | 34,834 |
| <i>States</i> | | | | | | | | |
| Ohio: | | | | | | | | |
| 1933 | 4 | 16 | 51 | 23 | 33 | 138 | 288 | 130 |
| 1931 | 4 | (⁴) | 65 | (⁴) | 52 | 202 | 476 | 274 |
| Other States: ¹⁰ | | | | | | | | |
| 1933 | 27 | 306 | 2,394 | 504 | 2,266 | 12,461 | 41,387 | 28,925 |
| 1931 | 31 | (⁴) | 2,082 | (⁴) | 2,412 | 16,622 | 50,864 | 34,242 |

¹ Not including proprietors and firm members, as follows: "Confectionery"—1933, 615; 1931, no data; 1929, 1,222; 1927, 1,383. "Chocolate and cocoa products, not including confectionery"—1933, 1; 1931, no data; 1929, 4; 1927, 5. "Chewing gum"—1933, 2; 1931, no data; 1929, 7; 1927, 12.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ No data.

⁵ Data for 1931 included in figures for "Other States" to avoid disclosing approximations of data for individual establishments.

⁶ Withheld to avoid disclosing compensation of an individual employee; included in figure for "Other States."

⁷ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Ariz., 1, 2; Del., 2, 2; Fla., 5, 8; Idaho (1931) 3; Kans., 3, 5; N. H., 0, 4; N. Mex., 1, 2; N. C., 5, 12; N. Dak., 2, 3; S. C., 2, 3; S. Dak., 0, 3; Vt., 2, 2.

⁸ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Ohio, 1, 1; Wash., 1, 1; Wis., 3, 3.

⁹ Includes miscellaneous receipts and values of products normally belonging to other industries, as follows: For 1933, \$2,108,992; 1931, \$2,602,139; 1929, \$2,930,208; 1927, \$3,884,412. Does not include value of chewing gum made as a secondary product by establishments classified in other industries: For 1933, \$60,256; 1931, \$1,016,746; 1929, \$1,329,052; 1927, \$302,420.

¹⁰ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Calif., 2, 3; Ill., 4, 3; Me., 1, 1; Mass., 2, 1; Mich., 2, 2; Mo., 1, 2; N. J., 1, 1; N. Y., 9, 12; Pa., 2, 2; R. I., 1, 1; Tenn., 2, 3.

TABLE 2.—CONFECTIONERY—PRODUCTION, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933 AND 1931

| KIND | QUANTITY | | VALUE | |
|--|------------------|------------------|---------------|---------------|
| | 1933 | 1931 | 1933 | 1931 |
| 1. "Confectionery" industry, all products, total..... | | | \$211,833,211 | \$284,157,191 |
| 2. Confectionery (including salted nuts)..... | | | 198,090,911 | 273,688,699 |
| 3. Other products (not normally belonging to the industry)..... | | | 6,644,040 | 10,468,492 |
| 4. Confectionery and other products not reported separately ¹ | | | 6,498,260 | ----- |
| 5. Confectionery (including salted nuts) made as secondary products in other industries..... | | | 5,874,148 | 8,527,628 |
| Confectionery, aggregate (2 and 5)..... | | | 204,565,059 | 282,216,327 |
| | <i>Pounds</i> | <i>Pounds</i> | | |
| Chocolate, total..... | 280,416,044 | 290,689,173 | 57,400,812 | 85,389,966 |
| Fancy packages..... | 94,070,007 | 103,868,857 | 30,828,876 | 47,248,233 |
| Bulk..... | 138,990,822 | 132,897,011 | 19,658,606 | 29,699,933 |
| Count..... | 47,355,215 | 53,923,305 | 6,913,330 | 8,441,800 |
| Bars, total..... | 415,386,190 | 386,610,823 | 51,507,142 | 67,412,287 |
| Chocolate-covered..... | 356,966,855 | 324,319,064 | 43,352,662 | 56,890,004 |
| Other kinds..... | 58,419,335 | 62,291,759 | 8,154,480 | 10,522,103 |
| Hard candy..... | 205,170,187 | 237,038,037 | 21,952,274 | 31,377,008 |
| Caramels and chewing candy..... | 79,583,686 | 70,654,453 | 9,344,501 | 10,579,901 |
| Gum work..... | 75,527,458 | 72,202,775 | 6,635,261 | 8,218,727 |
| Pan work..... | 64,144,687 | 64,389,846 | 6,348,043 | 7,637,602 |
| Marshmallows..... | 45,930,158 | 59,225,190 | 5,442,696 | 7,878,400 |
| Lozenges..... | 21,541,701 | 22,173,604 | 3,493,224 | 4,494,574 |
| Other confectionery (except salted nuts)..... | (²) | (²) | 17,252,157 | 19,725,248 |
| Confectionery not reported by kind..... | (²) | (²) | 14,196,251 | 23,006,041 |
| Salted nuts..... | (³) | (³) | 10,992,798 | 15,896,533 |

¹ Reported on abbreviated schedule. (See sec. 5, p. 4.) This amount represents only 3.1 percent of the total value of all products of the industry, as reported on both standard and abbreviated schedules, but for certain individual products the corresponding percentages are somewhat larger. The figures for 1933 as given in this table are not, therefore, strictly comparable with the corresponding ones for 1931.

² Data incomplete.

³ Not called for on schedule.

TABLE 3.—CHOCOLATE AND COCOA PRODUCTS—PRODUCTION, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, and 1929

| | QUANTITY | | | VALUE IN THOUSANDS OF DOLLARS ¹ | | |
|--|---------------|---------------|---------------|--|--------|---------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| 1. "Chocolate and cocoa products" industry, all products, total..... | | | | 67,754 | 87,346 | 119,541 |
| 2. Chocolate, cocoa, etc..... | | | | 66,150 | 86,558 | 118,212 |
| 3. Other products, not normally belonging to the industry..... | | | | 1,604 | 788 | 1,329 |
| 4. Chocolate, cocoa, etc., made as secondary products in other industries..... | | | | 965 | 567 | 1,147 |
| Chocolate and cocoa products, aggregate (2 and 4)..... | | | | 67,116 | 87,125 | 119,359 |
| Chocolate (except coatings), total..... | | | | 28,710 | 35,220 | 48,204 |
| | <i>M lb.</i> | <i>M lb.</i> | <i>M lb.</i> | | | |
| Unsweetened cakes of not over 1 pound..... | 13,383 | 10,755 | 10,773 | 2,694 | 2,246 | 3,699 |
| Sweet chocolate..... | 38,438 | 30,286 | 22,815 | 5,454 | 6,187 | 6,442 |
| Milk chocolate..... | 117,591 | 105,320 | 115,428 | 19,964 | 26,366 | 37,048 |
| Not separately reported as to kind..... | 3,992 | 2,519 | 3,967 | 598 | 422 | 1,014 |
| Chocolate coatings ² | 236,462 | 252,134 | 266,855 | 22,470 | 34,528 | 48,945 |
| Cocoa, powdered, total..... | 119,435 | 109,101 | 105,694 | 10,440 | 11,696 | 15,054 |
| Unsweetened..... | 109,520 | 98,337 | 93,916 | 8,634 | 9,386 | 12,696 |
| Sweetened or mixed with other substances..... | 9,915 | 10,764 | 11,778 | 1,806 | 2,310 | 2,358 |
| Cocoa butter..... | 29,900 | 23,701 | 19,184 | 3,296 | 3,612 | 5,429 |
| | <i>M gal.</i> | <i>M gal.</i> | <i>M gal.</i> | | | |
| Chocolate sirups..... | 1,812 | 1,256 | 855 | 1,291 | 1,157 | 985 |
| Other chocolate and cocoa products..... | (3) | (3) | (3) | 909 | 913 | 744 |

¹ See sec. 25, p. 13.

² Includes coatings made and consumed in the manufacture of confectionery by establishments engaged in the production of both chocolate and confectionery. The confectionery departments of such establishments are classified in the "Confectionery" industry.

³ Data incomplete.

TABLE 4.—WAGE EARNERS IN THE CONFECTIONERY INDUSTRY, BY QUARTERS, FOR SELECTED STATES: 1933 AND 1931

[The average for the year, as given in table 1, differs from the average for the 4 months for which figures are given below. (See fourth sentence, sec. 13, p. 3.) See sec. 26, p. 13]

| | 1933 ¹ | | | | 1931 | | | |
|---------------------------|-------------------|--------|-----------|----------|--------|--------|-----------|----------|
| | March | June | September | December | March | June | September | December |
| United States..... | 43,873 | 43,708 | 59,231 | 56,460 | 50,808 | 46,849 | 55,847 | 56,923 |
| <i>States</i> | | | | | | | | |
| Alabama..... | 126 | 127 | 151 | 156 | 154 | 146 | 147 | 109 |
| Arkansas..... | 64 | 53 | 62 | 79 | 18 | 13 | 13 | 19 |
| California..... | 1,822 | 1,743 | 2,282 | 2,812 | 2,296 | 2,062 | 2,536 | 2,977 |
| Colorado..... | 305 | 273 | 357 | 407 | 387 | 375 | 426 | 468 |
| Connecticut..... | 357 | 345 | 572 | 699 | 351 | 326 | 345 | 347 |
| District of Columbia..... | 86 | 77 | 87 | 124 | 89 | 87 | 91 | 142 |
| Georgia..... | 656 | 792 | 901 | 1,001 | 1,057 | 909 | 1,137 | 1,129 |
| Idaho..... | 25 | 26 | 39 | 41 | 38 | 36 | 40 | 45 |
| Illinois..... | 10,704 | 12,139 | 16,498 | 11,354 | 10,465 | 9,766 | 11,237 | 10,349 |
| Indiana..... | 920 | 939 | 1,118 | 1,133 | 723 | 681 | 1,109 | 1,086 |
| Iowa..... | 555 | 520 | 791 | 702 | 713 | 588 | 767 | 717 |
| Kansas..... | 42 | 42 | 53 | 58 | 100 | 78 | 120 | 113 |
| Kentucky..... | 292 | 321 | 351 | 451 | 320 | 291 | 363 | 321 |
| Louisiana..... | 246 | 255 | 230 | 261 | 365 | 284 | 292 | 346 |
| Maine..... | 58 | 63 | 62 | 69 | 89 | 91 | 88 | 96 |
| Maryland..... | 573 | 533 | 673 | 882 | 862 | 805 | 902 | 1,044 |
| Massachusetts..... | 4,416 | 4,437 | 6,546 | 6,753 | 5,626 | 5,197 | 6,635 | 6,484 |
| Michigan..... | 804 | 896 | 972 | 1,166 | 847 | 731 | 973 | 1,179 |
| Minnesota..... | 519 | 500 | 833 | 771 | 754 | 766 | 1,058 | 1,016 |
| Mississippi..... | 53 | 51 | 49 | 43 | 58 | 55 | 45 | 49 |
| Missouri..... | 1,812 | 1,797 | 3,088 | 2,761 | 2,439 | 2,240 | 2,822 | 2,933 |
| Montana..... | 5 | 7 | 12 | 12 | 9 | 9 | 9 | 9 |
| Nebraska..... | 116 | 120 | 129 | 147 | 175 | 156 | 174 | 208 |
| New Jersey..... | 903 | 1,151 | 1,476 | 1,202 | 910 | 1,036 | 1,107 | 1,126 |
| New York..... | 6,289 | 5,265 | 7,148 | 7,896 | 7,872 | 6,959 | 8,173 | 8,513 |
| North Carolina..... | 129 | 133 | 188 | 204 | 198 | 200 | 206 | 181 |
| Ohio..... | 2,195 | 1,962 | 2,610 | 2,869 | 2,476 | 2,323 | 2,891 | 3,027 |
| Oklahoma..... | 80 | 89 | 125 | 162 | 82 | 71 | 96 | 120 |
| Oregon..... | 137 | 128 | 167 | 215 | 218 | 213 | 250 | 291 |
| Pennsylvania..... | 5,180 | 4,809 | 6,173 | 6,391 | 6,179 | 5,710 | 6,563 | 6,772 |
| Rhode Island..... | 182 | 117 | 146 | 189 | 107 | 102 | 114 | 117 |
| Tennessee..... | 543 | 526 | 661 | 692 | 668 | 636 | 684 | 689 |
| Texas..... | 710 | 661 | 833 | 1,019 | 816 | 741 | 798 | 987 |
| Utah..... | 380 | 394 | 470 | 646 | 367 | 376 | 425 | 481 |
| Virginia..... | 864 | 769 | 1,150 | 766 | 615 | 609 | 750 | 693 |
| Washington..... | 395 | 380 | 496 | 541 | 508 | 499 | 587 | 644 |
| West Virginia..... | 32 | 40 | 37 | 40 | 39 | 41 | 39 | 44 |
| Wisconsin..... | 1,152 | 1,123 | 1,544 | 1,525 | 1,506 | 1,375 | 1,524 | 1,639 |

¹ See sec. 5, p. 4, and 13, p. 8. The 821 establishments canvassed with the standard schedule reported wage earners, by months, as follows:

| | | | | | |
|---------------|--------|-------------|--------|----------------|--------|
| January..... | 43,797 | May..... | 43,236 | September..... | 57,188 |
| February..... | 44,356 | June..... | 42,005 | October..... | 61,809 |
| March..... | 42,022 | July..... | 41,554 | November..... | 59,654 |
| April..... | 43,254 | August..... | 50,122 | December..... | 53,929 |

FEEDS, PREPARED, FOR ANIMALS AND FOWLS

[A preliminary report for this industry was issued on Oct. 16, 1934]

Description of the industry.—This industry embraces establishments engaged primarily in the manufacture of prepared feeds for animals and fowls. Some of these establishments grind the grain which they use, and the others purchase their materials. The products consist mainly of two classes, namely, prepared feeds made chiefly from grain, and prepared feeds composed principally of ingredients other than grain, such as alfalfa meal, molasses, bone meal, and meat scrap. Ground oyster shell is also a product of this industry.

Extent of coverage.—The 1933 coverage of the establishments reporting in this industry for 1931 was nearly complete. Of the 796 such establishments, 29 failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, but these establishments accounted for less than 2 percent of the total number of wage earners, and only a little more than 1 percent of the total value of products reported for the industry for 1931.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employes ^{1,2} | Number of wage earners (average for the year) | Salaries ¹ | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|--|---|-----------------------|--------|--|-------------------|---|
| <i>Thousands of dollars.</i> (See sec. 25, p. 13) | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 710 | 2,549 | 8,791 | 3,630 | 7,866 | 122,070 | 161,343 | 39,273 |
| 1931..... | 796 | (⁴) | 8,449 | (⁴) | 9,402 | 162,734 | 209,921 | 47,187 |
| 1929..... | 750 | 4,161 | 10,223 | 9,579 | 12,821 | 327,920 | 402,753 | 74,833 |
| 1927..... | 447 | 3,746 | 7,632 | 7,772 | 9,703 | 244,676 | 299,793 | 55,117 |
| <i>States</i> | | | | | | | | |
| Alabama: | | | | | | | | |
| 1933..... | 9 | 41 | 113 | 41 | 57 | 1,283 | 1,679 | 396 |
| 1931..... | 9 | (⁴) | 132 | (⁴) | 94 | 2,327 | 2,645 | 318 |
| Arizona: | | | | | | | | |
| 1933..... | 5 | 12 | 47 | 12 | 27 | 294 | 438 | 144 |
| 1931..... | 4 | (⁴) | 24 | (⁴) | 35 | 308 | 459 | 152 |
| Arkansas: | | | | | | | | |
| 1933..... | 4 | 12 | 46 | 21 | 20 | 371 | 513 | 143 |
| California: | | | | | | | | |
| 1933..... | 71 | 238 | 1,026 | 378 | 1,060 | 13,174 | 17,927 | 4,753 |
| 1931..... | 63 | (⁴) | 642 | (⁴) | 834 | 15,161 | 20,457 | 5,295 |
| Colorado: | | | | | | | | |
| 1933..... | 24 | 57 | 280 | 75 | 137 | 1,154 | 1,819 | 665 |
| 1931..... | 38 | (⁴) | 172 | (⁴) | 182 | 2,287 | 3,254 | 967 |
| Connecticut: | | | | | | | | |
| 1933..... | 4 | 21 | 67 | 25 | 67 | 722 | 1,045 | 323 |
| 1931..... | 4 | (⁴) | 56 | (⁴) | 77 | 607 | 936 | 329 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employes ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|--|---|-----------------------|-------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| Florida: | | | | | | | | |
| 1933..... | 4 | 7 | 66 | 19 | 50 | 61 | 308 | 247 |
| 1931..... | 5 | (⁴) | 50 | (⁴) | 57 | 131 | 254 | 124 |
| Georgia: | | | | | | | | |
| 1933..... | 4 | 8 | 37 | 8 | 23 | 602 | 736 | 134 |
| 1931..... | 5 | (⁴) | 44 | (⁴) | 30 | 610 | 776 | 165 |
| Idaho: | | | | | | | | |
| 1933..... | 4 | 3 | 16 | 3 | 6 | 31 | 45 | 14 |
| 1931..... | 12 | (⁴) | 29 | (⁴) | 35 | 190 | 265 | 75 |
| Illinois: | | | | | | | | |
| 1933..... | 27 | 232 | 752 | 278 | 685 | 9,811 | 13,680 | 3,869 |
| 1931..... | 32 | (⁴) | 844 | (⁴) | 1,061 | 18,124 | 23,901 | 5,777 |
| Indiana: | | | | | | | | |
| 1933..... | 17 | 97 | 193 | 88 | 166 | 2,214 | 3,173 | 958 |
| 1931..... | 20 | (⁴) | 165 | (⁴) | 208 | 3,749 | 5,151 | 1,403 |
| Iowa: | | | | | | | | |
| 1933..... | 16 | 28 | 85 | 30 | 63 | 611 | 815 | 204 |
| 1931..... | 21 | (⁴) | 102 | (⁴) | 113 | 1,424 | 1,854 | 429 |
| Kansas: | | | | | | | | |
| 1933..... | 21 | 26 | 141 | 29 | 111 | 1,144 | 1,643 | 499 |
| 1931..... | 19 | (⁴) | 81 | (⁴) | 84 | 571 | 770 | 199 |
| Kentucky: | | | | | | | | |
| 1933..... | 7 | 23 | 58 | 32 | 41 | 598 | 784 | 186 |
| 1931..... | 8 | (⁴) | 89 | (⁴) | 93 | 1,768 | 2,238 | 471 |
| Louisiana: | | | | | | | | |
| 1933..... | 5 | 52 | 193 | 106 | 121 | 1,600 | 1,521 | 522 |
| 1931..... | 7 | (⁴) | 160 | (⁴) | 145 | 1,352 | 2,347 | 996 |
| Maryland: | | | | | | | | |
| 1933..... | 15 | 64 | 151 | 52 | 110 | 1,505 | 2,053 | 548 |
| 1931..... | 15 | (⁴) | 149 | (⁴) | 128 | 2,290 | 2,875 | 585 |
| Masachusetts: | | | | | | | | |
| 1933..... | 14 | 43 | 215 | 88 | 227 | 3,316 | 4,400 | 1,085 |
| 1931..... | 13 | (⁴) | 163 | (⁴) | 182 | 2,587 | 3,507 | 920 |
| Michigan: | | | | | | | | |
| 1933..... | 12 | 37 | 74 | 36 | 51 | 704 | 956 | 251 |
| 1931..... | 9 | (⁴) | 36 | (⁴) | 54 | 775 | 973 | 199 |
| Minnesota: | | | | | | | | |
| 1933..... | 15 | 67 | 136 | 105 | 123 | 1,302 | 2,019 | 718 |
| 1931..... | 21 | (⁴) | 193 | (⁴) | 212 | 3,342 | 4,515 | 1,173 |
| Mississippi: | | | | | | | | |
| 1933..... | 6 | 29 | 133 | 41 | 59 | 1,584 | 1,885 | 301 |
| 1931..... | 8 | (⁴) | 142 | (⁴) | 122 | 2,852 | 3,540 | 688 |
| Missouri: | | | | | | | | |
| 1933..... | 20 | 115 | 354 | 153 | 322 | 4,096 | 6,300 | 2,204 |
| 1931..... | 22 | (⁴) | 511 | (⁴) | 508 | 9,610 | 12,466 | 2,856 |
| Nebraska: | | | | | | | | |
| 1933..... | 12 | 20 | 82 | 24 | 66 | 786 | 1,075 | 289 |
| 1931..... | 14 | (⁴) | 84 | (⁴) | 90 | 1,487 | 1,930 | 464 |
| New Jersey: | | | | | | | | |
| 1933..... | 17 | 81 | 227 | 115 | 217 | 860 | 1,692 | 831 |
| 1931..... | 17 | (⁴) | 204 | (⁴) | 249 | 1,143 | 1,932 | 789 |
| New Mexico: | | | | | | | | |
| 1933..... | 4 | 4 | 22 | 4 | 8 | 89 | 125 | 37 |
| New York: | | | | | | | | |
| 1933..... | 71 | 343 | 1,239 | 566 | 1,359 | 30,140 | 36,934 | 6,794 |
| 1931..... | 77 | (⁴) | 1,204 | (⁴) | 1,538 | 32,484 | 39,716 | 7,233 |
| North Carolina: | | | | | | | | |
| 1933..... | 4 | 10 | 42 | 14 | 31 | 459 | 619 | 160 |
| 1931..... | 5 | (⁴) | 27 | (⁴) | 18 | 406 | 549 | 143 |
| Ohio: | | | | | | | | |
| 1933..... | 27 | 147 | 498 | 199 | 424 | 9,789 | 12,352 | 2,562 |
| 1931..... | 32 | (⁴) | 524 | (⁴) | 609 | 11,664 | 14,812 | 3,148 |
| Oklahoma: | | | | | | | | |
| 1933..... | 18 | 41 | 143 | 69 | 99 | 1,316 | 1,701 | 385 |
| 1931..... | 17 | (⁴) | 70 | (⁴) | 75 | 883 | 1,189 | 306 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26. p. 13]

| States—Continued | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|----------------------------|--------------------------|---|---|-----------------------|-------|--|-------------------|---|
| | | | | | | | | |
| Oregon: | | | | | | | | |
| 1933..... | 24 | 84 | 275 | 141 | 316 | 2,404 | 3,327 | 863 |
| 1931..... | 27 | (⁴) | 261 | (⁴) | 292 | 3,587 | 4,482 | 895 |
| Pennsylvania: | | | | | | | | |
| 1933..... | 66 | 110 | 512 | 164 | 462 | 7,681 | 9,448 | 1,767 |
| 1931..... | 68 | (⁴) | 511 | (⁴) | 547 | 10,223 | 11,999 | 1,776 |
| South Carolina: | | | | | | | | |
| 1933..... | 8 | 20 | 77 | 29 | 47 | 568 | 768 | 199 |
| 1931..... | 8 | (⁴) | 73 | (⁴) | 39 | 693 | 1,002 | 310 |
| Tennessee: | | | | | | | | |
| 1933..... | 16 | 103 | 312 | 176 | 185 | 3,539 | 4,900 | 1,361 |
| 1931..... | 18 | (⁴) | 437 | (⁴) | 326 | 7,999 | 10,348 | 2,350 |
| Texas: | | | | | | | | |
| 1933..... | 36 | 102 | 296 | 154 | 206 | 3,227 | 4,341 | 1,114 |
| 1931..... | 50 | (⁴) | 305 | (⁴) | 292 | 4,510 | 6,303 | 1,793 |
| Utah: | | | | | | | | |
| 1933..... | 7 | 0 | 74 | 15 | 66 | 1,486 | 1,645 | 159 |
| 1931..... | 9 | (⁴) | 70 | (⁴) | 70 | 1,432 | 1,633 | 201 |
| Vermont: | | | | | | | | |
| 1933..... | 11 | 41 | 168 | 70 | 156 | 4,257 | 5,161 | 904 |
| 1931..... | 14 | (⁴) | 239 | (⁴) | 251 | 6,072 | 7,102 | 1,029 |
| Virginia: | | | | | | | | |
| 1933..... | 8 | 8 | 24 | 8 | 21 | 249 | 313 | 65 |
| 1931..... | 9 | (⁴) | 28 | (⁴) | 30 | 360 | 459 | 99 |
| Washington: | | | | | | | | |
| 1933..... | 43 | 106 | 354 | 116 | 392 | 5,628 | 7,971 | 2,343 |
| 1931..... | 50 | (⁴) | 356 | (⁴) | 451 | 6,721 | 8,641 | 1,920 |
| West Virginia: | | | | | | | | |
| 1933..... | 4 | 4 | 19 | 4 | 20 | 109 | 150 | 41 |
| 1931..... | 4 | (⁴) | 16 | (⁴) | 20 | 125 | 168 | 43 |
| Wisconsin: | | | | | | | | |
| 1933..... | 18 | 84 | 192 | 119 | 189 | 3,184 | 4,182 | 998 |
| 1931..... | 17 | (⁴) | 105 | (⁴) | 109 | 1,363 | 2,187 | 825 |
| Other States: ⁵ | | | | | | | | |
| 1933..... | 12 | 20 | 73 | 18 | 77 | 663 | 900 | 237 |
| 1931..... | 25 | (⁴) | 151 | (⁴) | 143 | 1,538 | 2,283 | 745 |

¹ Not including proprietors and firm members, as follows: 1933, 418; 1931, no data; 1929, 382; 1927, 189.
² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.
³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ No data.
⁵ Figures for 1931 withheld to avoid disclosing, exactly or approximately, any data for individual establishments; included in figures for "Other States."
⁶ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Ark. (1931), 4; Del., 2, 6; D. C., 0, 1; Me., 1, 3; Mont., 2, 2; Nev., 1, 1; N. H., 2, 3; N. Mex. (1931), 2; N. Dak., 1, 0; R. I., 1, 2; S. Dak., 2, 1.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929

| | 1933 | 1931 | 1929 |
|--|---------------|---------------|---------------|
| 1. "Feeds, prepared, for animals and fowls" industry, all products, total value..... | \$161,343,173 | \$209,921,164 | \$402,752,534 |
| 2. Prepared feeds..... | 144,496,226 | 192,598,903 | 366,672,665 |
| 3. Other products (not normally belonging to the industry) | 16,846,947 | 17,322,261 | 36,079,869 |
| 4. Prepared feeds made as secondary products in other industries, value..... | 42,941,726 | 63,676,415 | 127,843,028 |
| 5. Prepared feeds, aggregate value (2 and 4)..... | 187,437,952 | 256,275,318 | 494,515,693 |

| | Quantity in thousands of tons ¹ | | | Value in thousands of dollars ¹ | | |
|---|--|-------|-------|--|---------|---------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| Prepared feeds, aggregate..... | | | | 187,438 | 256,275 | 494,516 |
| Made chiefly from grain..... | 5,558 | 5,639 | 7,353 | 143,974 | 175,460 | 331,221 |
| Made chiefly of ingredients other than grain..... | (?) | (?) | (?) | 41,693 | 77,880 | 155,068 |
| Alfalfa meal..... | 124 | 186 | 314 | 1,771 | 2,935 | 8,227 |

¹ See sec. 25, p. 13.² Data incomplete.

FLOUR AND OTHER GRAIN-MILL PRODUCTS

[A preliminary report for this industry was issued on Oct. 27, 1934]

Description of the industry.—The establishments classified in this industry are engaged primarily in the manufacture of flour, meal, and feed for livestock from wheat, corn, and other grains. Mills whose principal products are the result of further manufacturing processes are classified elsewhere. For example: Those making cereal breakfast foods are classified in the "Cereal preparations" industry, and those making prepared feeds for livestock and poultry in the "Feeds, prepared, for animals and fowls" industry. Although some manufacturers of cereal preparations and prepared feeds purchase certain grain-mill products and put them through further manufacturing processes, others use grain as their basic raw material and perform all the processes necessary to convert it into the finished product. The "Flour and other grain-mill products" industry does not, therefore, embrace all mills which use grain as material.

Restriction of canvass to merchant mills.—The canvass is restricted to merchant mills—that is, establishments which mill purchased grain and sell the products made therefrom. Some mills report both merchant and custom business, but all such mills are treated as merchant mills, even though their custom work constituted more than half their total business.

Extent of coverage.—The 1933 coverage of the establishments reporting in this industry for 1931 was nearly complete. Of the 2,412 such establishments, 199 failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, but these establishments accounted for only about 2 percent of the total number of wage earners and less than 1 percent of the total value of products reported for the industry for 1931.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|---|---|-----------------------|--------|--|-------------------|---|
| <i>Thousands of dollars.</i> (See sec. 25, p. 13) | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 1,932 | 5,506 | 23,207 | 8,782 | 22,591 | 438,671 | 574,210 | 135,539 |
| 1931..... | 2,412 | (⁴) | 22,840 | (⁴) | 27,298 | 461,091 | 598,041 | 136,950 |
| 1929..... | 4,022 | 8,764 | 27,028 | 20,595 | 35,072 | 868,873 | 1,060,269 | 191,397 |
| 1927..... | 4,035 | 10,146 | 29,982 | 22,231 | 37,559 | 972,711 | 1,148,760 | 176,049 |
| <i>States</i> | | | | | | | | |
| Alabama: | | | | | | | | |
| 1933..... | 6 | 4 | 37 | 9 | 19 | 341 | 400 | 59 |
| 1931..... | 14 | (⁴) | 36 | (⁴) | 27 | 561 | 725 | 164 |
| Arkansas: | | | | | | | | |
| 1933..... | 11 | 18 | 83 | 25 | 51 | 1,272 | 1,452 | 180 |
| 1931..... | 15 | (⁴) | 89 | (⁴) | 74 | 1,741 | 2,094 | 353 |
| California: | | | | | | | | |
| 1933..... | 29 | 181 | 643 | 311 | 721 | 12,617 | 15,749 | 3,132 |
| 1931..... | 39 | (⁴) | 655 | (⁴) | 891 | 13,891 | 18,475 | 4,584 |
| Colorado: | | | | | | | | |
| 1933..... | 29 | 76 | 309 | 149 | 358 | 3,343 | 4,497 | 1,163 |
| 1931..... | 42 | (⁴) | 384 | (⁴) | 461 | 6,514 | 8,288 | 1,764 |
| Connecticut: | | | | | | | | |
| 1933..... | 4 | 2 | 18 | (⁶) | 23 | 119 | 193 | 74 |
| 1931..... | 6 | (⁴) | 7 | (⁴) | 8 | 76 | 97 | 22 |
| Delaware: | | | | | | | | |
| 1933..... | 14 | 7 | 50 | 8 | 42 | 475 | 572 | 97 |
| 1931..... | 17 | (⁴) | 41 | (⁴) | 42 | 302 | 435 | 132 |
| Georgia: | | | | | | | | |
| 1933..... | 23 | 29 | 195 | 47 | 111 | 2,721 | 3,313 | 593 |
| 1931..... | 36 | (⁴) | 199 | (⁴) | 145 | 3,632 | 4,451 | 819 |
| Idaho: | | | | | | | | |
| 1933..... | 26 | 44 | 136 | 82 | 142 | 1,571 | 2,066 | 495 |
| 1931..... | 34 | (⁴) | 164 | (⁴) | 202 | 2,669 | 3,536 | 868 |
| Illinois: | | | | | | | | |
| 1933..... | 54 | 258 | 1,309 | 446 | 1,288 | 22,572 | 31,037 | 8,466 |
| 1931..... | 62 | (⁴) | 1,114 | (⁴) | 1,385 | 21,549 | 28,491 | 6,942 |
| Indiana: | | | | | | | | |
| 1933..... | 108 | 269 | 966 | 385 | 914 | 13,446 | 18,238 | 4,792 |
| 1931..... | 119 | (⁴) | 771 | (⁴) | 905 | 11,160 | 15,195 | 4,034 |
| Iowa: | | | | | | | | |
| 1933..... | 25 | 74 | 238 | 118 | 238 | 5,570 | 7,037 | 1,467 |
| 1931..... | 30 | (⁴) | 222 | (⁴) | 307 | 5,569 | 7,345 | 1,776 |
| Kansas: | | | | | | | | |
| 1933..... | 99 | 529 | 2,244 | 906 | 2,218 | 47,681 | 63,594 | 15,913 |
| 1931..... | 111 | (⁴) | 2,158 | (⁴) | 2,697 | 46,472 | 61,172 | 14,700 |
| Kentucky: | | | | | | | | |
| 1933..... | 91 | 198 | 732 | 277 | 631 | 9,598 | 11,795 | 2,198 |
| 1931..... | 123 | (⁴) | 816 | (⁴) | 753 | 10,131 | 13,544 | 3,414 |
| Louisiana: | | | | | | | | |
| 1933..... | 3 | 24 | 73 | 38 | 36 | 1,139 | 1,385 | 246 |
| 1931..... | 3 | (⁴) | 77 | (⁴) | 66 | 1,847 | 2,084 | 237 |
| Maine: | | | | | | | | |
| 1933..... | 17 | 15 | 49 | 21 | 48 | 482 | 601 | 119 |
| 1931..... | 20 | (⁴) | 35 | (⁴) | 34 | 547 | 655 | 108 |
| Maryland: | | | | | | | | |
| 1933..... | 52 | 51 | 229 | 63 | 177 | 2,668 | 3,223 | 555 |
| 1931..... | 65 | (⁴) | 213 | (⁴) | 209 | 3,007 | 3,633 | 626 |
| Massachusetts: | | | | | | | | |
| 1933..... | 9 | 4 | 28 | 4 | 25 | 692 | 777 | 85 |
| 1931..... | 15 | (⁴) | 29 | (⁴) | 35 | 774 | 871 | 97 |
| Michigan: | | | | | | | | |
| 1933..... | 73 | 144 | 496 | 189 | 496 | 7,623 | 9,816 | 2,188 |
| 1931..... | 88 | (⁴) | 500 | (⁴) | 610 | 8,134 | 10,860 | 2,726 |
| Minnesota: | | | | | | | | |
| 1933..... | 69 | 496 | 2,572 | 842 | 2,660 | 61,332 | 79,575 | 18,243 |
| 1931..... | 76 | (⁴) | 2,934 | (⁴) | 3,852 | 72,174 | 93,692 | 21,519 |
| Missouri: | | | | | | | | |
| 1933..... | 101 | 268 | 1,674 | 412 | 1,551 | 32,072 | 39,989 | 7,917 |
| 1931..... | 119 | (⁴) | 1,639 | (⁴) | 1,916 | 36,921 | 46,035 | 9,115 |

For footnotes, see end of table.

TABLE I.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employes ^{1 2} | Number of wage earners (average for the year) | Salaries ¹ | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|--|---|-----------------------|-------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| Montana: | | | | | | | | |
| 1933..... | 23 | 65 | 266 | 125 | 297 | 5,012 | 6,928 | 1,916 |
| 1931..... | 23 | (¹) | 228 | (¹) | 315 | 4,780 | 6,432 | 1,652 |
| Nebraska: | | | | | | | | |
| 1933..... | 70 | 206 | 562 | 281 | 535 | 11,498 | 14,992 | 3,494 |
| 1931..... | 77 | (¹) | 619 | (¹) | 682 | 13,181 | 17,698 | 4,518 |
| New Jersey: | | | | | | | | |
| 1933..... | 19 | 37 | 103 | 65 | 92 | 1,433 | 2,182 | 750 |
| 1931..... | 24 | (¹) | 114 | (¹) | 135 | 1,726 | 2,488 | 761 |
| New Mexico: | | | | | | | | |
| 1933..... | 6 | 6 | 18 | 9 | 16 | 142 | 195 | 53 |
| 1931..... | 10 | (¹) | 16 | (¹) | 16 | 129 | 170 | 41 |
| New York: | | | | | | | | |
| 1933..... | 72 | 409 | 1,808 | 720 | 2,199 | 53,922 | 74,197 | 20,274 |
| 1931..... | 101 | (¹) | 1,746 | (¹) | 2,594 | 52,058 | 68,660 | 16,603 |
| North Carolina: | | | | | | | | |
| 1933..... | 69 | 132 | 443 | 125 | 317 | 5,822 | 7,595 | 1,773 |
| 1931..... | 93 | (¹) | 455 | (¹) | 410 | 6,229 | 8,262 | 2,083 |
| North Dakota: | | | | | | | | |
| 1933..... | 19 | 79 | 214 | 123 | 240 | 3,840 | 5,318 | 1,478 |
| 1931..... | 21 | (¹) | 223 | (¹) | 327 | 4,111 | 5,867 | 1,756 |
| Ohio: | | | | | | | | |
| 1933..... | 132 | 223 | 1,051 | 334 | 1,044 | 17,864 | 21,852 | 3,988 |
| 1931..... | 151 | (¹) | 909 | (¹) | 1,122 | 14,991 | 19,473 | 4,482 |
| Oklahoma: | | | | | | | | |
| 1933..... | 42 | 232 | 858 | 397 | 793 | 15,571 | 21,251 | 5,680 |
| 1931..... | 45 | (¹) | 764 | (¹) | 853 | 14,332 | 18,274 | 3,943 |
| Oregon: | | | | | | | | |
| 1933..... | 20 | 97 | 516 | 161 | 536 | 10,146 | 14,217 | 4,072 |
| 1931..... | 23 | (¹) | 488 | (¹) | 631 | 10,461 | 12,875 | 2,414 |
| Pennsylvania: | | | | | | | | |
| 1933..... | 221 | 138 | 748 | 227 | 719 | 9,279 | 11,784 | 2,505 |
| 1931..... | 265 | (¹) | 708 | (¹) | 761 | 8,578 | 11,111 | 2,533 |
| Rhode Island: | | | | | | | | |
| 1933..... | 6 | 10 | 14 | 9 | 17 | 257 | 321 | 64 |
| 1931..... | 7 | (¹) | 18 | (¹) | 18 | 248 | 291 | 43 |
| South Carolina: | | | | | | | | |
| 1933..... | 7 | 11 | 38 | 15 | 20 | 426 | 546 | 120 |
| 1931..... | 8 | (¹) | 23 | (¹) | 25 | 291 | 369 | 79 |
| South Dakota: | | | | | | | | |
| 1933..... | 12 | 12 | 58 | 17 | 50 | 729 | 938 | 208 |
| 1931..... | 14 | (¹) | 51 | (¹) | 59 | 663 | 882 | 220 |
| Tennessee: | | | | | | | | |
| 1933..... | 86 | 163 | 775 | 248 | 540 | 11,050 | 14,280 | 3,210 |
| 1931..... | 125 | (¹) | 848 | (¹) | 728 | 12,301 | 15,722 | 3,361 |
| Texas: | | | | | | | | |
| 1933..... | 50 | 357 | 1,432 | 617 | 1,302 | 28,478 | 36,909 | 8,431 |
| 1931..... | 67 | (¹) | 1,270 | (¹) | 1,381 | 25,180 | 33,250 | 8,073 |
| Utah: | | | | | | | | |
| 1933..... | 27 | 83 | 283 | 129 | 273 | 3,689 | 4,988 | 1,299 |
| 1931..... | 34 | (¹) | 318 | (¹) | 375 | 5,716 | 7,156 | 1,440 |
| Vermont: | | | | | | | | |
| 1933..... | 4 | 4 | 22 | 9 | 20 | 135 | 194 | 59 |
| 1931..... | 6 | (¹) | 9 | (¹) | 8 | 131 | 161 | 30 |
| Virginia: | | | | | | | | |
| 1933..... | 114 | 153 | 473 | 220 | 351 | 6,707 | 8,504 | 1,797 |
| 1931..... | 156 | (¹) | 517 | (¹) | 489 | 7,776 | 9,750 | 1,974 |
| Washington: | | | | | | | | |
| 1933..... | 31 | 227 | 812 | 352 | 838 | 15,801 | 19,981 | 4,180 |
| 1931..... | 31 | (¹) | 718 | (¹) | 956 | 19,706 | 24,000 | 4,294 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ^{1, 2} | Number of wage earners (average for the year) | Salaries ³ | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ⁴ |
|---|--------------------------|--|---|-----------------------|-------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| West Virginia: | | | | | | | | |
| 1933..... | 14 | 54 | 130 | 63 | 129 | 1,994 | 2,430 | 437 |
| 1931..... | 33 | (⁵) | 132 | (⁵) | 156 | 2,816 | 3,355 | 539 |
| Wisconsin: | | | | | | | | |
| 1933..... | 31 | 52 | 329 | 83 | 322 | 4,652 | 5,700 | 1,048 |
| 1931..... | 39 | (⁵) | 420 | (⁵) | 468 | 5,474 | 6,978 | 1,504 |
| Wyoming: | | | | | | | | |
| 1933..... | 3 | 11 | 23 | 23 | 22 | 340 | 485 | 144 |
| 1931..... | 6 | (⁵) | 27 | (⁵) | 34 | 316 | 412 | 97 |
| Other States: ⁶ | | | | | | | | |
| 1933..... | 11 | 54 | 152 | 102 | 168 | 2,546 | 3,134 | 588 |
| 1931..... | 14 | (⁵) | 131 | (⁵) | 165 | 2,168 | 2,736 | 569 |

¹ Not including proprietors and firm members, as follows: 1933, 1,559; 1931, no data; 1929, 3,334; 1927, 3,802.² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.⁴ No data.⁵ Withheld to avoid disclosing compensation of individual employees; included in figures for "Other States."⁶ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Ariz., 4, 4; D. C., 1, 1; Fla., 2, 2; Miss., 2, 3; Nev., 1, 2; N. H., 1, 2.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, 1933 AND 1931, AND BY KIND AND QUANTITY, 1929, FOR THE UNITED STATES

| | 1933 | 1931 Comparable with 1933 ¹ | 1931 As published |
|---|-----------------|--|----------------------|
| 1. "Flour and other grain-mill products" industry, total value..... | \$574, 210, 035 | ----- | \$598, 040, 724 |
| 2. Grain-mill products (flour, meal, feed, etc.)..... | 513, 483, 270 | \$537, 057, 883 | 567, 808, 014 |
| 3. Other products (not normally belonging to the industry)..... | 26, 974, 795 | 27, 799, 008 | 30, 232, 710 |
| 4. Grain-mill and other products, not reported separately (on abbreviated schedule) ² | 33, 751, 970 | ----- | ----- |
| 5. Grain-mill products made as secondary products in other industries..... | 22, 408, 103 | 27, 952, 596 | 27, 952, 596 |
| 6. Grain-mill products, aggregate value (2 and 5)..... | 535, 891, 373 | 565, 010, 479 | 595, 760, 610 |

For footnotes, see end of table.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, 1933 AND 1931, AND BY KIND AND QUANTITY, 1929, FOR THE UNITED STATES—Continued

| | Quantity ¹ | | | | Value (in thousands of dollars ²) | |
|---|---|--|---|-----------------------------|---|--|
| | 1933 Reported on standard schedule ² | 1931 Comparable with 1933 ¹ | 1931 As published; comparable with 1929 | 1929 | 1933 Reported on standard schedule ² | 1931 Comparable with 1933 ¹ |
| | <i>M bbls.</i> | <i>M bbls.</i> | <i>M bbls.</i> | <i>M bbls.</i> | | |
| Grain-mill products, aggregate value..... | | | | | 535, 891 | 565, 010 |
| Wheat flour, total..... | 97, 228 | 110, 358 | 115, 364 | 120, 040 | 428, 743 | 432, 665 |
| White flour..... | 90, 886 | 101, 913 | 106, 702 | 113, 034 | 397, 951 | 395, 759 |
| Semolina..... | 2, 470 | 2, 872 | 2, 883 | 2, 959 | 11, 122 | 12, 025 |
| Graham and whole-wheat flour..... | 1, 200 | 2, 995 | 3, 095 | 1, 362 | 5, 440 | 11, 088 |
| Prepared flour ⁴ | 2, 671 | 2, 579 | 2, 685 | 2, 684 | 14, 231 | 13, 793 |
| Rye flour..... | 1, 808 | 1, 485 | 1, 508 | 1, 679 | 5, 960 | 5, 059 |
| Buckwheat flour..... | <i>M lbs.</i> | <i>M lbs.</i> | <i>M lbs.</i> | <i>M lbs.</i> | | |
| Other flour..... | 16, 263 (⁵) | 22, 971 (⁵) | 31, 092 (⁵) | 38, 453 (⁵) | 458 | 771 |
| | | | | | 1, 451 | 1, 117 |
| Corn meal..... | <i>M bbls.</i> ⁶ | <i>M bbls.</i> ⁶ | <i>M bbls.</i> ⁶ | <i>M bbls.</i> ⁶ | 19, 549 | 23, 490 |
| | 7, 593 | 7, 384 | 8, 676 | 10, 488 | | |
| Bran and middlings..... | <i>M tons</i> | <i>M tons</i> | <i>M tons</i> | <i>M tons</i> | 57, 860 | 69, 766 |
| Feed, screenings, etc..... | 3, 774 | 4, 601 | 4, 826 | 4, 682 | 21, 865 | 32, 141 |
| | 1, 092 | 1, 373 | 1, 549 | 2, 472 | | |

¹ See sec. 5c, p. 4. The figures given in this column represent the production, in 1931, of those classes of establishments (not in all cases the same individual establishments) which reported on the standard schedule for 1933.

² See sec. 5c, p. 4. The total value of products, \$33,751,970, reported on the abbreviated schedule amounts to 5.9 percent of the total value of all products of the industry, as reported on both standard and abbreviated schedules, but the corresponding percentages for individual kinds of products vary somewhat.

³ See sec. 25, p. 13.

⁴ The figures here given refer only to prepared flour made in the "Flour and other grain-mill products" industry. In addition, prepared flour is produced by establishments in other industries, principally "Cereal preparations." The total production of prepared flour, as reported to the Bureau of the Census, was as follows: 1933, 4,552,398 barrels, valued at \$29,700,123; 1931, 4,757,565 barrels, \$31,992,339; 1929, 5,011,996 barrels, \$39,075,971.

⁵ Data incomplete.

⁶ Barrels of 200 pounds.

TABLE 3.—GRAIN GROUND OR MILLED, BY KIND AND QUANTITY, FOR THE UNITED STATES: 1933, 1931, AND 1929

[The figure for wheat ground in 1933 (441,636,296 bushels), as given in this table, is the total reported on the standard schedule for the "Flour and other grain-mill products" industry and does not, therefore, cover the wheat consumed in the production of 1,215,585 barrels of flour reported by establishments classified in other industries. The production of this flour outside the flour-mill industry would require approximately 5,800,000 bushels of wheat. The addition of this amount to that reported by the mills in the industry gives an aggregate of somewhat more than 447,000,000 bushels.]

| Kind | 1933 Reported on standard schedule ¹ | 1931 Adjusted for comparison with 1933 ² | 1931 As published; comparable with 1929 | 1929 |
|-----------------------------|---|---|---|----------------|
| | <i>Bushels</i> | <i>Bushels</i> | <i>Bushels</i> | <i>Bushels</i> |
| Wheat..... | 441, 636, 296 | 484, 173, 550 | 526, 098, 059 | 546, 242, 311 |
| Corn..... | 42, 105, 989 | 43, 322, 680 | 58, 901, 719 | 87, 453, 259 |
| Oats..... | 6, 004, 148 | 8, 007, 840 | 11, 963, 307 | 29, 006, 409 |
| Rye..... | 7, 468, 879 | 7, 540, 682 | 8, 106, 955 | 9, 670, 804 |
| Barley..... | 4, 432, 308 | 4, 277, 935 | 5, 902, 233 | 9, 499, 020 |
| Buckwheat..... | 476, 309 | 808, 494 | 1, 309, 811 | 2, 026, 610 |
| Other and mixed grains..... | 1, 066, 438 | 1, 661, 520 | 1, 879, 355 | 1, 939, 312 |

¹ See sec. 5c, p. 4.

² See sec. 5c, p. 4. The figures given in this column represent the grain ground or milled in 1931, by those classes of establishments (not in all cases the same individual establishments) which reported on the abbreviated schedule for 1933.

TABLE 4.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES: 1933 AND 1931

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8.) See sec. 26, p. 13]

| | 1933 ¹ | | | | 1931 | | | |
|---------------------|-------------------|--------|--------|--------|--------|--------|--------|--------|
| | March | June | Sept. | Dec. | March | June | Sept. | Dec. |
| United States..... | 21,556 | 22,433 | 24,885 | 24,816 | 22,562 | 22,215 | 23,394 | 22,562 |
| <i>States</i> | | | | | | | | |
| Alabama..... | 32 | 34 | 39 | 38 | 36 | 34 | 36 | 36 |
| Arkansas..... | 76 | 82 | 84 | 80 | 104 | 90 | 85 | 67 |
| California..... | 621 | 630 | 663 | 689 | 668 | 625 | 642 | 673 |
| Colorado..... | 295 | 282 | 323 | 322 | 367 | 364 | 403 | 365 |
| Connecticut..... | 18 | 18 | 19 | 18 | 7 | 7 | 7 | 7 |
| Delaware..... | 49 | 52 | 50 | 48 | 40 | 40 | 40 | 45 |
| Georgia..... | 187 | 207 | 206 | 190 | 197 | 197 | 203 | 190 |
| Idaho..... | 114 | 142 | 165 | 127 | 148 | 149 | 188 | 172 |
| Illinois..... | 1,176 | 1,223 | 1,453 | 1,442 | 1,081 | 1,071 | 1,213 | 1,080 |
| Indiana..... | 925 | 910 | 1,019 | 1,001 | 746 | 742 | 802 | 763 |
| Iowa..... | 209 | 231 | 254 | 283 | 217 | 206 | 231 | 226 |
| Kansas..... | 2,047 | 2,114 | 2,437 | 2,392 | 2,041 | 2,088 | 2,226 | 2,144 |
| Kentucky..... | 697 | 714 | 768 | 750 | 808 | 782 | 839 | 810 |
| Louisiana..... | 70 | 82 | 66 | 77 | 83 | 82 | 74 | 75 |
| Maine..... | 50 | 49 | 48 | 49 | 35 | 36 | 36 | 35 |
| Maryland..... | 226 | 225 | 234 | 232 | 215 | 209 | 213 | 214 |
| Massachusetts..... | 28 | 28 | 27 | 27 | 33 | 27 | 27 | 26 |
| Michigan..... | 461 | 463 | 571 | 570 | 493 | 480 | 509 | 499 |
| Minnesota..... | 2,543 | 2,506 | 2,618 | 2,655 | 2,909 | 2,744 | 3,114 | 2,970 |
| Missouri..... | 1,539 | 1,629 | 1,830 | 1,733 | 1,624 | 1,595 | 1,667 | 1,555 |
| Montana..... | 226 | 262 | 302 | 280 | 234 | 221 | 230 | 214 |
| Nebraska..... | 515 | 541 | 624 | 611 | 627 | 610 | 612 | 589 |
| New Jersey..... | 84 | 108 | 112 | 106 | 119 | 117 | 122 | 105 |
| New Mexico..... | 18 | 17 | 19 | 19 | 14 | 15 | 15 | 18 |
| New York..... | 1,696 | 1,757 | 1,942 | 1,952 | 1,743 | 1,709 | 1,760 | 1,739 |
| North Carolina..... | 422 | 429 | 460 | 482 | 461 | 455 | 458 | 447 |
| North Dakota..... | 161 | 217 | 273 | 212 | 221 | 223 | 235 | 227 |
| Ohio..... | 963 | 1,007 | 1,111 | 1,136 | 924 | 912 | 888 | 882 |
| Oklahoma..... | 779 | 813 | 936 | 966 | 759 | 754 | 775 | 727 |
| Oregon..... | 475 | 491 | 556 | 562 | 478 | 489 | 459 | 490 |
| Pennsylvania..... | 674 | 746 | 818 | 792 | 702 | 684 | 729 | 724 |
| Rhode Island..... | 14 | 14 | 14 | 15 | 19 | 18 | 18 | 17 |
| South Carolina..... | 36 | 37 | 43 | 36 | 23 | 23 | 23 | 23 |
| South Dakota..... | 54 | 58 | 61 | 61 | 51 | 49 | 55 | 53 |
| Tennessee..... | 714 | 736 | 831 | 829 | 838 | 841 | 869 | 839 |
| Texas..... | 1,312 | 1,381 | 1,509 | 1,575 | 1,253 | 1,252 | 1,281 | 1,237 |
| Utah..... | 256 | 290 | 310 | 286 | 325 | 299 | 322 | 314 |
| Vermont..... | 22 | 20 | 21 | 25 | 9 | 9 | 9 | 10 |
| Virginia..... | 442 | 447 | 494 | 522 | 514 | 515 | 520 | 515 |
| Washington..... | 735 | 813 | 861 | 908 | 687 | 741 | 734 | 735 |
| West Virginia..... | 126 | 126 | 132 | 137 | 135 | 132 | 129 | 129 |
| Wisconsin..... | 297 | 317 | 351 | 343 | 413 | 404 | 439 | 427 |
| Wyoming..... | 23 | 25 | 25 | 25 | 30 | 29 | 24 | 22 |

¹ See secs. 5, p. 4, and 13, p. 2. The 803 establishments canvassed with the standard schedule reported wage earners, by months, as follows:

| | | | | | |
|---------------|--------|-------------|--------|----------------|--------|
| January..... | 18,753 | May..... | 19,220 | September..... | 21,604 |
| February..... | 18,529 | June..... | 19,396 | October..... | 21,863 |
| March..... | 18,585 | July..... | 20,136 | November..... | 21,934 |
| April..... | 19,179 | August..... | 20,078 | December..... | 21,556 |

FOOD PREPARATIONS NOT ELSEWHERE CLASSIFIED

(A preliminary report for this industry was issued on Oct. 29, 1934)

Description of the industry.—This industry, as defined for census purposes, embraces establishments engaged wholly or principally in the manufacture of food preparations which are not assigned specifically to other industries in the "Food and kindred products" group. To a great extent these products are cooked or otherwise processed so that they may be consumed without further preparation. The production of such commodities by delicatessen stores, bakeries, dairies, etc., is not covered by the census. The products include, among others, the following: Meat products other than those made in the meat-packing industry, peanut butter, blended and compounded sirups, mincemeat, potato chips, ice-cream cones, malted milk and malted-milk products, etc. The "Food preparations" classification also covers the pulverizing of sugar, the slicing of meats, and similar operations when carried on in large establishments for the purpose of preparing foods for the trade.

Extent of coverage.—The 1933 coverage of the establishments reporting in this industry for 1931 was nearly complete. Of the 782 such establishments, 37 failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, but these establishments accounted for less than 2 percent of the total number of wage earners and less than 1 percent of the total value of products reported for this industry for 1931.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employes ^{1, 2} | Number of wage earners (average for the year) | Salaries ³ | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ⁴ |
|-----------------------|--------------------------|---|---|-----------------------|--------|--|-------------------|---|
| | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 802 | 1,922 | 10,664 | 3,202 | 8,992 | 100,609 | 152,754 | 52,144 |
| 1931..... | 782 | (¹) | 8,939 | (¹) | 9,120 | 90,171 | 147,546 | 57,375 |
| 1929..... | 862 | 3,189 | 10,618 | 8,793 | 11,658 | 96,388 | 171,861 | 75,473 |
| 1927..... | 674 | 3,192 | 10,294 | 7,786 | 11,387 | 98,249 | 166,965 | 68,716 |
| <i>States</i> | | | | | | | | |
| Alabama: | | | | | | | | |
| 1933..... | 11 | 24 | 98 | 27 | 46 | 773 | 1,254 | 482 |
| 1931..... | 12 | (¹) | 79 | (¹) | 42 | 970 | 1,672 | 702 |
| California: | | | | | | | | |
| 1933..... | 91 | 164 | 777 | 163 | 687 | 6,318 | 8,823 | 2,505 |
| 1931..... | 115 | (¹) | 692 | (¹) | 768 | 4,958 | 8,267 | 3,309 |
| Colorado: | | | | | | | | |
| 1933..... | 14 | 29 | 94 | 47 | 68 | 520 | 818 | 290 |
| 1931..... | 17 | (¹) | 100 | (¹) | 150 | 1,088 | 1,037 | 549 |
| Connecticut: | | | | | | | | |
| 1933..... | 8 | 8 | 30 | 12 | 27 | 475 | 576 | 101 |
| 1931..... | 5 | (¹) | 11 | (¹) | 11 | 96 | 174 | 77 |
| District of Columbia: | | | | | | | | |
| 1933..... | 4 | 9 | 67 | 22 | 53 | 435 | 568 | 132 |
| Florida: | | | | | | | | |
| 1933..... | 6 | 2 | 43 | (⁶) | 30 | 358 | 457 | 99 |
| 1931..... | 6 | (¹) | 19 | (¹) | 15 | 66 | 142 | 76 |
| Georgia: | | | | | | | | |
| 1933..... | 13 | 21 | 166 | 24 | 87 | 1,177 | 1,495 | 317 |
| 1931..... | 9 | (¹) | 79 | (¹) | 48 | 464 | 646 | 182 |
| Illinois: | | | | | | | | |
| 1933..... | 67 | 294 | 1,511 | 571 | 1,360 | 16,207 | 27,365 | 11,158 |
| 1931..... | 63 | (¹) | 1,225 | (¹) | 1,286 | 14,030 | 22,537 | 8,507 |
| Indiana: | | | | | | | | |
| 1933..... | 10 | 160 | 355 | 288 | 361 | 1,769 | 4,656 | 2,887 |
| 1931..... | 9 | (¹) | 242 | (¹) | 288 | 1,074 | 5,145 | 4,071 |
| Iowa: | | | | | | | | |
| 1933..... | 7 | 8 | 53 | 13 | 36 | 266 | 381 | 115 |
| 1931..... | 6 | (¹) | 55 | (¹) | 42 | 224 | 356 | 132 |
| Kentucky: | | | | | | | | |
| 1933..... | 9 | 6 | 32 | 8 | 21 | 289 | 377 | 88 |
| 1931..... | 8 | (¹) | 32 | (¹) | 26 | 187 | 302 | 114 |
| Louisiana: | | | | | | | | |
| 1933..... | 10 | 21 | 194 | 43 | 139 | 2,042 | 3,816 | 1,774 |
| 1931..... | 11 | (¹) | 238 | (¹) | 192 | 2,714 | 4,719 | 2,005 |
| Maryland: | | | | | | | | |
| 1933..... | 17 | 29 | 134 | 50 | 88 | 1,042 | 1,639 | 597 |
| 1931..... | 16 | (¹) | 132 | (¹) | 125 | 829 | 1,577 | 748 |
| Massachusetts: | | | | | | | | |
| 1933..... | 49 | 62 | 326 | 104 | 287 | 1,568 | 3,355 | 1,787 |
| 1931..... | 42 | (¹) | 394 | (¹) | 451 | 2,097 | 4,075 | 1,978 |
| Michigan: | | | | | | | | |
| 1933..... | 24 | 97 | 471 | 152 | 338 | 3,138 | 5,295 | 2,158 |
| 1931..... | 27 | (¹) | 406 | (¹) | 443 | 3,283 | 6,737 | 3,454 |
| Minnesota: | | | | | | | | |
| 1933..... | 14 | 26 | 220 | 50 | 173 | 2,103 | 3,457 | 1,354 |
| 1931..... | 14 | (¹) | 177 | (¹) | 188 | 2,092 | 3,149 | 1,057 |
| Missouri: | | | | | | | | |
| 1933..... | 31 | 42 | 335 | 62 | 195 | 2,620 | 3,338 | 718 |
| 1931..... | 30 | (¹) | 180 | (¹) | 168 | 1,394 | 2,103 | 709 |
| Nebraska: | | | | | | | | |
| 1933..... | 6 | 5 | 42 | 5 | 27 | 320 | 397 | 77 |
| 1931..... | 6 | (¹) | 23 | (¹) | 20 | 196 | 281 | 85 |
| New Jersey: | | | | | | | | |
| 1933..... | 30 | 122 | 743 | 137 | 666 | 6,765 | 10,067 | 3,302 |
| 1931..... | 20 | (¹) | 597 | (¹) | 632 | 5,552 | 8,139 | 2,587 |
| New York: | | | | | | | | |
| 1933..... | 122 | 318 | 1,903 | 675 | 1,888 | 20,139 | 32,924 | 12,785 |
| 1931..... | 109 | (¹) | 1,778 | (¹) | 2,066 | 20,825 | 38,678 | 17,853 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|--|--------------------------|---|---|-----------------------|-------|--|-------------------|---|
| Thousands of dollars. (See sec. 25, p. 13) | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| Ohio: | | | | | | | | |
| 1933..... | 36 | 61 | 437 | 84 | 354 | 2,016 | 3,305 | 1,290 |
| 1931..... | 33 | (⁴) | 279 | (⁴) | 271 | 1,268 | 2,278 | 1,010 |
| Oklahoma: | | | | | | | | |
| 1933..... | 7 | 3 | 41 | 3 | 27 | 487 | 575 | 88 |
| 1931..... | 6 | (⁴) | 12 | (⁴) | 10 | 38 | 74 | 36 |
| Oregon: | | | | | | | | |
| 1933..... | 7 | 9 | 44 | 11 | 40 | 538 | 721 | 182 |
| 1931..... | 8 | (⁴) | 41 | (⁴) | 50 | 294 | 513 | 219 |
| Pennsylvania: | | | | | | | | |
| 1933..... | 64 | 81 | 512 | 127 | 478 | 5,430 | 7,168 | 1,737 |
| 1931..... | 62 | (⁴) | 353 | (⁴) | 365 | 2,630 | 4,327 | 1,697 |
| Tennessee: | | | | | | | | |
| 1933..... | 10 | 19 | 122 | 25 | 65 | 841 | 1,137 | 296 |
| 1931..... | 7 | (⁴) | 105 | (⁴) | 57 | 450 | 799 | 349 |
| Texas: | | | | | | | | |
| 1933..... | 44 | 76 | 440 | 103 | 274 | 3,210 | 4,464 | 1,254 |
| 1931..... | 43 | (⁴) | 352 | (⁴) | 218 | 2,390 | 3,863 | 1,472 |
| Virginia: | | | | | | | | |
| 1933..... | 10 | 17 | 102 | 24 | 53 | 545 | 783 | 238 |
| 1931..... | 9 | (⁴) | 113 | (⁴) | 76 | 429 | 684 | 255 |
| Washington: | | | | | | | | |
| 1933..... | 18 | 20 | 65 | 42 | 53 | 808 | 1,031 | 223 |
| 1931..... | 19 | (⁴) | 52 | (⁴) | 57 | 382 | 625 | 243 |
| Wisconsin: | | | | | | | | |
| 1933..... | 20 | 134 | 877 | 235 | 794 | 14,363 | 17,218 | 2,856 |
| 1931..... | 24 | (⁴) | 884 | (⁴) | 843 | 18,445 | 21,293 | 2,848 |
| Other States: ⁷ | | | | | | | | |
| 1933..... | 43 | 46 | 371 | 96 | 275 | 4,047 | 5,294 | 1,246 |
| 1931..... | 41 | (⁴) | 229 | (⁴) | 209 | 1,704 | 2,755 | 1,051 |

¹ Not including proprietors and firm members, as follows: 1933, 339; 1931, no data; 1929, 571; 1927, 456.² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.⁴ No data.⁵ Figures for 1931 included in those for "Other States" to avoid disclosing approximations of data for individual establishments.⁶ Withheld to avoid disclosing compensation of individual employees; included in figure for "Other States."⁷ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Arizona, 3, 3; Arkansas, 5, 4; Delaware, 2, 1; District of Columbia (1931), 3; Idaho, 3, 3; Kansas, 3, 5; Maine, 3, 1; Mississippi, 4, 2; Montana, 4, 3; Nevada, 1, 1; New Hampshire, 2, 3; North Dakota, 1, 0; Rhode Island, 2, 1; South Carolina, 1, 1; South Dakota, 0, 1; Utah, 3, 4; Vermont, 4, 4; West Virginia, 2, 1.

TABLE 2.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES: 1933 AND 1931

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8.) See sec. 26, p. 13]

| | 1933 ¹ | | | | 1931 | | | |
|---------------------------|-------------------|--------|-----------|----------|-------|-------|-----------|----------|
| | March | June | September | December | March | June | September | December |
| United States..... | 10,186 | 11,071 | 11,153 | 11,102 | 9,247 | 8,991 | 9,091 | 8,440 |
| <i>States</i> | | | | | | | | |
| Alabama..... | 94 | 87 | 107 | 119 | 81 | 74 | 77 | 86 |
| Arizona..... | 11 | 13 | 14 | 15 | 7 | 7 | 7 | 7 |
| Arkansas..... | 18 | 20 | 33 | 21 | 7 | 6 | 92 | 5 |
| California..... | 737 | 779 | 819 | 809 | 711 | 674 | 703 | 709 |
| Colorado..... | 88 | 105 | 99 | 91 | 142 | 209 | 149 | 130 |
| Connecticut..... | 29 | 29 | 32 | 31 | 14 | 7 | 12 | 12 |
| District of Columbia..... | 69 | 66 | 67 | 63 | 64 | 57 | 54 | 44 |
| Florida..... | 45 | 37 | 42 | 51 | 19 | 19 | 19 | 19 |
| Georgia..... | 156 | 151 | 193 | 163 | 82 | 76 | 74 | 80 |
| Idaho..... | 82 | 51 | 58 | 83 | 34 | 11 | 11 | 33 |
| Illinois..... | 1,470 | 1,660 | 1,535 | 1,569 | 1,207 | 1,232 | 1,241 | 1,101 |
| Indiana..... | 338 | 347 | 365 | 397 | 240 | 256 | 227 | 233 |
| Iowa..... | 69 | 77 | 122 | 13 | 18 | 32 | 172 | 20 |
| Kansas..... | 138 | 331 | 159 | 90 | 15 | 17 | 21 | 19 |
| Kentucky..... | 25 | 38 | 39 | 24 | 33 | 39 | 34 | 24 |
| Louisiana..... | 180 | 132 | 215 | 199 | 271 | 241 | 218 | 221 |
| Maryland..... | 103 | 171 | 139 | 125 | 113 | 141 | 145 | 119 |
| Massachusetts..... | 290 | 347 | 320 | 327 | 447 | 427 | 341 | 362 |
| Michigan..... | 397 | 773 | 411 | 430 | 411 | 434 | 347 | 429 |
| Minnesota..... | 194 | 231 | 244 | 224 | 149 | 158 | 252 | 176 |
| Missouri..... | 414 | 498 | 191 | 159 | 218 | 193 | 169 | 140 |
| Nebraska..... | 57 | 52 | 28 | 31 | 23 | 21 | 22 | 27 |
| New Jersey..... | 719 | 709 | 819 | 802 | 606 | 601 | 597 | 609 |
| New York..... | 1,860 | 1,734 | 1,973 | 2,143 | 1,864 | 1,745 | 1,740 | 1,738 |
| Ohio..... | 337 | 451 | 583 | 530 | 310 | 275 | 322 | 235 |
| Oklahoma..... | 53 | 54 | 31 | 30 | 11 | 14 | 13 | 10 |
| Oregon..... | 41 | 46 | 47 | 41 | 40 | 49 | 37 | 34 |
| Pennsylvania..... | 477 | 489 | 537 | 564 | 352 | 338 | 334 | 353 |
| Tennessee..... | 86 | 102 | 223 | 126 | 104 | 88 | 161 | 102 |
| Texas..... | 507 | 324 | 522 | 519 | 424 | 292 | 334 | 372 |
| Utah..... | 6 | 8 | 8 | 8 | 13 | 14 | 12 | 12 |
| Vermont..... | 40 | 38 | 56 | 52 | 28 | 29 | 41 | 28 |
| Virginia..... | 96 | 103 | 102 | 105 | 107 | 109 | 107 | 108 |
| Washington..... | 61 | 71 | 71 | 62 | 50 | 58 | 50 | 52 |
| Wisconsin..... | 844 | 842 | 877 | 984 | 879 | 964 | 924 | 765 |

¹ See secs. 5, p. 4, and 13, p. 8. The 590 establishments canvassed with the standard schedule reported wage earners, by months, as follows:

| | | | | | |
|---------------|--------|-------------|--------|----------------|--------|
| January..... | 8,802 | May..... | 10,209 | September..... | 10,509 |
| February..... | 8,735 | June..... | 10,396 | October..... | 10,928 |
| March..... | 9,635 | July..... | 9,863 | November..... | 10,778 |
| April..... | 10,081 | August..... | 10,321 | December..... | 10,530 |

ICE CREAM

[A preliminary report for this industry was issued on Nov. 13, 1934]

Description of the industry.—This industry embraces establishments engaged primarily in the manufacture of ice cream, water ices, sherbets, and frozen custards. It does not, therefore, cover the manufacture of these products by hotels and restaurants or by retailers for use in their soda fountains.

Extent of coverage.—The 1933 coverage of the establishments reporting in this industry for 1931 was nearly complete. Of the 2,948 such establishments, 181 failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, but these accounted for less than 2 percent of the total number of wage earners and only a little more than 1 percent of the total value of products reported for the industry for 1931.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employes ^{1 2} | Number of wage earners (average for the year) | Salaries ¹ | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|--|---|-----------------------|---------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 2, 118 | 5, 452 | 14, 367 | 8, 070 | 16, 145 | 66, 315 | 158, 386 | 92, 072 |
| 1931..... | 2, 948 | (⁴) | 17, 819 | (⁴) | 25, 416 | 110, 504 | 268, 515 | 158, 011 |
| 1929..... | 3, 150 | 7, 032 | 22, 309 | 17, 145 | 33, 803 | 155, 984 | 328, 414 | 172, 450 |
| 1927..... | 2, 961 | 6, 776 | 21, 927 | 15, 457 | 33, 108 | 150, 602 | 301, 645 | 151, 043 |
| <i>States</i> | | | | | | | | |
| <i>Alabama:</i> | | | | | | | | |
| 1933..... | 29 | 46 | 140 | 59 | 131 | 546 | 1, 147 | 601 |
| 1931..... | 32 | (⁴) | 141 | (⁴) | 154 | 769 | 1, 558 | 700 |
| <i>Arizona:</i> | | | | | | | | |
| 1933..... | 11 | 12 | 42 | 17 | 48 | 137 | 303 | 166 |
| 1931..... | 14 | (⁴) | 59 | (⁴) | 76 | 299 | 650 | 350 |
| <i>Arkansas:</i> | | | | | | | | |
| 1933..... | 16 | 40 | 75 | 52 | 70 | 307 | 622 | 316 |
| 1931..... | 22 | (⁴) | 72 | (⁴) | 78 | 412 | 815 | 403 |
| <i>California:</i> | | | | | | | | |
| 1933..... | 188 | 320 | 850 | 435 | 1, 012 | 4, 027 | 9, 411 | 5, 384 |
| 1931..... | 192 | (⁴) | 773 | (⁴) | 1, 198 | 6, 084 | 15, 748 | 9, 604 |
| <i>Colorado:</i> | | | | | | | | |
| 1933..... | 22 | 57 | 112 | 76 | 116 | 473 | 1, 024 | 551 |
| 1931..... | 29 | (⁴) | 116 | (⁴) | 172 | 850 | 1, 951 | 1, 101 |
| <i>Connecticut:</i> | | | | | | | | |
| 1933..... | 32 | 158 | 311 | 256 | 382 | 1, 270 | 2, 839 | 1, 560 |
| 1931..... | 45 | (⁴) | 340 | (⁴) | 530 | 1, 977 | 5, 014 | 3, 037 |
| <i>Delaware:</i> | | | | | | | | |
| 1933..... | 9 | 15 | 71 | 25 | 85 | 357 | 1, 021 | 664 |
| 1931..... | 11 | (⁴) | 85 | (⁴) | 121 | 468 | 1, 573 | 1, 105 |
| <i>District of Columbia:</i> | | | | | | | | |
| 1933..... | 14 | 76 | 223 | 139 | 304 | 928 | 2, 238 | 1, 310 |
| 1931..... | 17 | (⁴) | 220 | (⁴) | 348 | 1, 207 | 2, 787 | 1, 580 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| States—Continued | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|------------------|--------------------------|---|---|-----------------------|-------|--|-------------------|---|
| | | | | | | | | |
| Florida: | | | | | | | | |
| 1933..... | 41 | 94 | 219 | 132 | 211 | 871 | 1,831 | 960 |
| 1931..... | 54 | (⁴) | 198 | (⁴) | 235 | 1,179 | 2,487 | 1,307 |
| Georgia: | | | | | | | | |
| 1933..... | 24 | 61 | 154 | 100 | 155 | 603 | 1,310 | 707 |
| 1931..... | 32 | (⁴) | 164 | (⁴) | 184 | 759 | 1,751 | 992 |
| Idaho: | | | | | | | | |
| 1933..... | 8 | 20 | 22 | 19 | 22 | 83 | 184 | 101 |
| 1931..... | 8 | (⁴) | 21 | (⁴) | 25 | 109 | 230 | 121 |
| Illinois: | | | | | | | | |
| 1933..... | 120 | 348 | 1,213 | 524 | 1,562 | 5,011 | 13,382 | 8,371 |
| 1931..... | 163 | (⁴) | 1,232 | (⁴) | 2,078 | 8,709 | 22,908 | 14,198 |
| Indiana: | | | | | | | | |
| 1933..... | 74 | 131 | 291 | 147 | 313 | 1,138 | 2,580 | 1,441 |
| 1931..... | 115 | (⁴) | 493 | (⁴) | 697 | 2,577 | 5,717 | 3,140 |
| Iowa: | | | | | | | | |
| 1933..... | 42 | 127 | 227 | 167 | 245 | 1,031 | 2,422 | 1,301 |
| 1931..... | 100 | (⁴) | 383 | (⁴) | 502 | 2,300 | 4,815 | 2,515 |
| Kansas: | | | | | | | | |
| 1933..... | 34 | 73 | 182 | 117 | 185 | 501 | 1,323 | 733 |
| 1931..... | 57 | (⁴) | 196 | (⁴) | 240 | 1,040 | 2,390 | 1,349 |
| Kentucky: | | | | | | | | |
| 1933..... | 25 | 42 | 76 | 48 | 79 | 336 | 779 | 443 |
| 1931..... | 43 | (⁴) | 178 | (⁴) | 219 | 901 | 1,982 | 1,081 |
| Louisiana: | | | | | | | | |
| 1933..... | 23 | 30 | 65 | 42 | 57 | 292 | 613 | 326 |
| 1931..... | 30 | (⁴) | 125 | (⁴) | 109 | 611 | 1,353 | 742 |
| Maine: | | | | | | | | |
| 1933..... | 16 | 36 | 87 | 47 | 90 | 429 | 1,036 | 607 |
| 1931..... | 16 | (⁴) | 135 | (⁴) | 187 | 728 | 1,730 | 1,004 |
| Maryland: | | | | | | | | |
| 1933..... | 33 | 91 | 300 | 166 | 328 | 1,306 | 3,210 | 1,904 |
| 1931..... | 40 | (⁴) | 342 | (⁴) | 475 | 1,797 | 4,702 | 2,906 |
| Massachusetts: | | | | | | | | |
| 1933..... | 126 | 216 | 794 | 367 | 995 | 4,318 | 9,450 | 5,131 |
| 1931..... | 183 | (⁴) | 861 | (⁴) | 1,273 | 5,874 | 12,964 | 7,091 |
| Michigan: | | | | | | | | |
| 1933..... | 80 | 146 | 374 | 217 | 386 | 1,924 | 4,085 | 2,161 |
| 1931..... | 113 | (⁴) | 513 | (⁴) | 733 | 5,055 | 10,484 | 5,429 |
| Minnesota: | | | | | | | | |
| 1933..... | 38 | 106 | 302 | 156 | 361 | 1,169 | 2,916 | 1,747 |
| 1931..... | 51 | (⁴) | 416 | (⁴) | 629 | 2,403 | 5,642 | 3,238 |
| Mississippi: | | | | | | | | |
| 1933..... | 20 | 37 | 64 | 40 | 57 | 232 | 521 | 289 |
| 1931..... | 33 | (⁴) | 85 | (⁴) | 96 | 391 | 885 | 494 |
| Missouri: | | | | | | | | |
| 1933..... | 53 | 174 | 492 | 239 | 547 | 1,910 | 4,575 | 2,665 |
| 1931..... | 69 | (⁴) | 599 | (⁴) | 950 | 3,495 | 7,809 | 4,315 |
| Montana: | | | | | | | | |
| 1933..... | 3 | 2 | 4 | (⁵) | 8 | 19 | 53 | 34 |
| 1931..... | 6 | (⁴) | 8 | (⁴) | 12 | 49 | 99 | 50 |
| Nebraska: | | | | | | | | |
| 1933..... | 25 | 43 | 97 | 53 | 99 | 354 | 825 | 471 |
| 1931..... | 46 | (⁴) | 192 | (⁴) | 240 | 1,098 | 2,706 | 1,608 |
| New Hampshire: | | | | | | | | |
| 1933..... | 12 | 19 | 40 | 27 | 49 | 223 | 480 | 257 |
| 1931..... | 18 | (⁴) | 69 | (⁴) | 86 | 493 | 1,079 | 586 |
| New Jersey: | | | | | | | | |
| 1933..... | 69 | 106 | 343 | 174 | 344 | 2,053 | 5,026 | 2,973 |
| 1931..... | 118 | (⁴) | 542 | (⁴) | 846 | 2,737 | 7,254 | 4,517 |
| New Mexico: | | | | | | | | |
| 1933..... | 7 | 10 | 14 | 11 | 15 | 67 | 134 | 67 |
| 1931..... | 8 | (⁴) | 16 | (⁴) | 20 | 85 | 175 | 89 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|---|---|-----------------------|-------|--|-------------------|---|
| | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| New York: | | | | | | | | |
| 1933..... | 214 | 591 | 2,100 | 1,054 | 2,479 | 11,317 | 28,987 | 17,669 |
| 1931..... | 332 | (4) | 2,835 | (4) | 3,893 | 17,393 | 47,254 | 29,862 |
| North Carolina: | | | | | | | | |
| 1933..... | 32 | 106 | 204 | 160 | 215 | 919 | 1,967 | 1,049 |
| 1931..... | 34 | (4) | 217 | (4) | 280 | 1,185 | 2,330 | 1,145 |
| North Dakota: | | | | | | | | |
| 1933..... | 5 | 5 | 15 | 5 | 14 | 53 | 118 | 65 |
| 1931..... | 12 | (4) | 36 | (4) | 40 | 236 | 495 | 259 |
| Ohio: | | | | | | | | |
| 1933..... | 113 | 397 | 863 | 514 | 950 | 3,841 | 8,094 | 4,853 |
| 1931..... | 160 | (4) | 1,086 | (4) | 1,603 | 6,654 | 15,734 | 9,080 |
| Oklahoma: | | | | | | | | |
| 1933..... | 40 | 86 | 182 | 116 | 159 | 598 | 1,275 | 676 |
| 1931..... | 52 | (4) | 202 | (4) | 234 | 1,057 | 2,178 | 1,121 |
| Oregon: | | | | | | | | |
| 1933..... | 13 | 36 | 79 | 45 | 87 | 336 | 597 | 261 |
| 1931..... | 21 | (4) | 106 | (4) | 168 | 599 | 1,343 | 743 |
| Pennsylvania: | | | | | | | | |
| 1933..... | 219 | 720 | 1,612 | 1,108 | 1,804 | 8,832 | 22,577 | 13,745 |
| 1931..... | 279 | (4) | 2,353 | (4) | 3,600 | 15,229 | 39,855 | 24,626 |
| Rhode Island: | | | | | | | | |
| 1933..... | 24 | 39 | 127 | 63 | 148 | 611 | 1,378 | 767 |
| 1931..... | 33 | (4) | 136 | (4) | 212 | 839 | 1,967 | 1,078 |
| South Carolina: | | | | | | | | |
| 1933..... | 8 | 33 | 58 | 40 | 55 | 189 | 532 | 343 |
| 1931..... | 14 | (4) | 73 | (4) | 80 | 393 | 867 | 474 |
| South Dakota: | | | | | | | | |
| 1933..... | 8 | 20 | 56 | 20 | 51 | 205 | 435 | 231 |
| 1931..... | 15 | (4) | 54 | (4) | 73 | 371 | 716 | 344 |
| Tennessee: | | | | | | | | |
| 1933..... | 31 | 89 | 242 | 143 | 197 | 782 | 1,776 | 993 |
| 1931..... | 43 | (4) | 210 | (4) | 231 | 1,196 | 2,748 | 1,549 |
| Texas: | | | | | | | | |
| 1933..... | 91 | 205 | 456 | 271 | 455 | 1,997 | 4,300 | 2,303 |
| 1931..... | 122 | (4) | 476 | (4) | 597 | 2,639 | 6,074 | 3,436 |
| Utah: | | | | | | | | |
| 1933..... | 15 | 42 | 91 | 58 | 96 | 364 | 847 | 482 |
| 1931..... | 19 | (4) | 109 | (4) | 126 | 545 | 1,126 | 582 |
| Vermont: | | | | | | | | |
| 1933..... | 7 | 23 | 40 | 32 | 33 | 208 | 530 | 322 |
| 1931..... | 9 | (4) | 40 | (4) | 57 | 282 | 575 | 293 |
| Virginia: | | | | | | | | |
| 1933..... | 23 | 84 | 203 | 101 | 222 | 863 | 1,830 | 967 |
| 1931..... | 35 | (4) | 262 | (4) | 334 | 1,581 | 3,291 | 1,710 |
| Washington: | | | | | | | | |
| 1933..... | 35 | 106 | 171 | 154 | 192 | 665 | 1,506 | 842 |
| 1931..... | 50 | (4) | 251 | (4) | 384 | 1,605 | 3,065 | 1,560 |
| West Virginia: | | | | | | | | |
| 1933..... | 26 | 73 | 183 | 101 | 177 | 571 | 1,427 | 856 |
| 1931..... | 30 | (4) | 186 | (4) | 219 | 847 | 2,168 | 1,321 |
| Wisconsin: | | | | | | | | |
| 1933..... | 59 | 157 | 493 | 222 | 541 | 1,863 | 4,086 | 2,218 |
| 1931..... | 64 | (4) | 581 | (4) | 746 | 3,221 | 6,998 | 3,777 |
| Other States (Nevada and Wyoming): ⁴ | | | | | | | | |
| 1933..... | 6 | 4 | 11 | 11 | 15 | 82 | 180 | 97 |
| 1931..... | 9 | (4) | 32 | (4) | 55 | 226 | 475 | 249 |

¹ Not including proprietors and firm members, as follows: 1933, 1,081; 1931, no data; 1929, 2,194; 1927, 2,362.² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.⁴ No data.⁵ Withheld to avoid disclosing compensation of individual employees; included in item for "Other States."⁶ Nevada, 1933, 2; 1931, 2. Wyoming, 1933, 4; 1931, 7.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929

| | QUANTITY IN THOUSANDS OF GALLONS ¹ | | | VALUE IN THOUSANDS OF DOLLARS ¹ | | |
|---|---|----------|----------|--|----------|----------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| 1. "Ice cream" industry, all products, total value..... | | | | 158, 386 | 268, 515 | 328, 414 |
| 2. Ice cream, ices, and specialties..... | | | | 146, 150 | 253, 364 | 305, 739 |
| 3. Other products (not normally belonging to the industry)..... | | | | 12, 236 | 15, 151 | 22, 675 |
| 4. Ice cream, etc., made as secondary products in other industries..... | | | | 14, 535 | 16, 844 | 26, 341 |
| Ice cream, ices, and specialties, aggregate value (2 and 4)..... | 166, 391 | 230, 930 | 279, 777 | 160, 686 | 270, 208 | 332, 080 |
| Ice cream..... | 146, 394 | 210, 091 | 267, 274 | 139, 225 | 250, 937 | 314, 917 |
| Ices..... | 4, 860 | 4, 918 | 5, 163 | 4, 108 | 5, 143 | 5, 971 |
| Specialties (cups, sticks, etc., reported in ice-cream equivalent)..... | 15, 137 | 9, 921 | 7, 339 | 17, 353 | 14, 128 | 11, 192 |

¹ See sec. 25, p. 13.

TABLE 3.—WAGE EARNERS, BY MONTHS, BY STATES: 1933 AND 1931

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8)]

| | 1933 ¹ | | | | 1931 | | | |
|---------------------------|-------------------|---------|-----------|----------|---------|---------|-----------|----------|
| | March | June | September | December | March | June | September | December |
| United States..... | 12, 173 | 17, 314 | 16, 415 | 12, 647 | 15, 533 | 21, 624 | 19, 559 | 14, 546 |
| <i>States</i> | | | | | | | | |
| Alabama..... | 124 | 162 | 152 | 123 | 120 | 171 | 157 | 115 |
| Arizona..... | 37 | 48 | 48 | 37 | 54 | 69 | 64 | 51 |
| Arkansas..... | 66 | 90 | 84 | 63 | 62 | 87 | 79 | 61 |
| California..... | 774 | 901 | 939 | 798 | 677 | 892 | 853 | 650 |
| Colorado..... | 98 | 123 | 128 | 107 | 103 | 138 | 121 | 99 |
| Connecticut..... | 256 | 376 | 389 | 270 | 286 | 423 | 400 | 276 |
| Delaware..... | 63 | 84 | 80 | 65 | 74 | 105 | 91 | 70 |
| District of Columbia..... | 200 | 251 | 240 | 211 | 165 | 277 | 273 | 196 |
| Florida..... | 204 | 223 | 233 | 225 | 194 | 207 | 204 | 188 |
| Georgia..... | 139 | 174 | 165 | 142 | 144 | 191 | 176 | 142 |
| Idaho..... | 19 | 24 | 23 | 22 | 20 | 22 | 22 | 20 |
| Illinois..... | 964 | 1, 654 | 1, 453 | 963 | 1, 035 | 1, 532 | 1, 419 | 982 |
| Indiana..... | 257 | 343 | 322 | 254 | 429 | 559 | 549 | 435 |
| Iowa..... | 205 | 262 | 246 | 202 | 310 | 479 | 442 | 300 |
| Kansas..... | 168 | 200 | 197 | 164 | 174 | 239 | 209 | 164 |
| Kentucky..... | 65 | 92 | 86 | 64 | 168 | 206 | 182 | 144 |
| Louisiana..... | 58 | 73 | 71 | 55 | 112 | 148 | 133 | 110 |
| Maine..... | 73 | 97 | 112 | 75 | 117 | 170 | 141 | 107 |
| Maryland..... | 273 | 313 | 332 | 287 | 306 | 405 | 359 | 309 |
| Massachusetts..... | 645 | 986 | 934 | 674 | 711 | 1, 058 | 980 | 706 |
| Michigan..... | 296 | 508 | 440 | 318 | 421 | 666 | 573 | 392 |
| Minnesota..... | 282 | 327 | 318 | 293 | 380 | 478 | 438 | 367 |
| Mississippi..... | 59 | 69 | 70 | 59 | 79 | 96 | 90 | 77 |
| Missouri..... | 422 | 569 | 570 | 442 | 527 | 756 | 644 | 454 |
| Montana..... | 4 | 4 | 4 | 4 | 7 | 8 | 8 | 8 |
| Nebraska..... | 76 | 124 | 117 | 77 | 166 | 233 | 211 | 155 |
| Nevada and Wyoming..... | 10 | 13 | 11 | 10 | 31 | 34 | 36 | 27 |
| New Hampshire..... | 34 | 51 | 45 | 34 | 57 | 78 | 83 | 61 |
| New Jersey..... | 271 | 434 | 403 | 281 | 523 | 638 | 585 | 444 |
| New Mexico..... | 11 | 17 | 15 | 11 | 16 | 18 | 17 | 14 |

See footnote at end of table.

TABLE 3.—WAGE EARNERS, BY MONTHS, BY STATES: 1933 AND 1931—Continued

[See note at head of table]

| | 1933 ¹ | | | | 1931 | | | |
|-------------------------|-------------------|-------|----------------|---------------|-------|-------|----------------|---------------|
| | March | June | Sep- tember | De- cember | March | June | Sep- tember | De- cember |
| <i>States—Continued</i> | | | | | | | | |
| New York..... | 1,606 | 2,920 | 2,431 | 1,617 | 2,470 | 3,557 | 3,154 | 2,085 |
| North Carolina..... | 184 | 221 | 222 | 191 | 190 | 282 | 231 | 177 |
| North Dakota..... | 13 | 18 | 15 | 12 | 30 | 48 | 39 | 25 |
| Ohio..... | 752 | 995 | 954 | 808 | 925 | 1,329 | 1,197 | 906 |
| Oklahoma..... | 133 | 205 | 231 | 183 | 181 | 234 | 214 | 175 |
| Oregon..... | 71 | 88 | 88 | 73 | 91 | 147 | 104 | 84 |
| Pennsylvania..... | 1,436 | 1,821 | 1,812 | 1,512 | 2,053 | 2,846 | 2,504 | 1,969 |
| Rhode Island..... | 107 | 158 | 152 | 101 | 105 | 177 | 160 | 104 |
| South Carolina..... | 52 | 61 | 66 | 53 | 70 | 79 | 81 | 65 |
| South Dakota..... | 45 | 60 | 69 | 57 | 48 | 66 | 60 | 42 |
| Tennessee..... | 204 | 283 | 275 | 222 | 189 | 248 | 232 | 172 |
| Texas..... | 405 | 512 | 524 | 405 | 428 | 569 | 512 | 395 |
| Utah..... | 65 | 120 | 115 | 69 | 93 | 144 | 123 | 75 |
| Vermont..... | 31 | 48 | 45 | 36 | 33 | 46 | 48 | 34 |
| Virginia..... | 189 | 216 | 214 | 196 | 248 | 291 | 279 | 220 |
| Washington..... | 147 | 190 | 188 | 170 | 233 | 301 | 239 | 213 |
| West Virginia..... | 158 | 202 | 216 | 172 | 153 | 222 | 208 | 152 |
| Wisconsin..... | 422 | 604 | 571 | 440 | 513 | 635 | 635 | 523 |

¹ See secs. 5, p. 4, and 13, p. 8. The 1,710 establishments canvassed with the standard schedule reported wage earners, by months, as follows:

| | | | | | |
|---------------|--------|-------------|--------|----------------|--------|
| January..... | 11,360 | May..... | 14,212 | September..... | 15,774 |
| February..... | 11,460 | June..... | 16,639 | October..... | 13,607 |
| March..... | 11,664 | July..... | 16,718 | November..... | 12,413 |
| April..... | 12,634 | August..... | 16,800 | December..... | 12,148 |

ICE, MANUFACTURED

[A preliminary report for this industry was issued Nov. 1, 1934]

Description of the industry.—This industry embraces establishments engaged primarily in the manufacture of ice for sale. (The cutting and storage of natural ice are not treated as manufacturing operations.)

Extent of coverage.—The census coverage of this industry was substantially complete. Of the 4,111 establishments that reported for 1931, 114 failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, but these establishments employed only slightly more than 1 percent of the total number of wage earners and accounted for less than 1 percent of the total value of products reported for the industry for 1931.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

| | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|---|---|-----------------------|--------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 4 3,329 | 5,620 | 21,332 | 8,714 | 22,849 | 26,959 | 139,263 | 112,304 |
| 1931..... | 4 4,111 | (⁴) | 25,217 | (⁵) | 33,656 | 35,078 | 192,027 | 156,949 |
| 1929..... | 4 4,110 | 7,365 | 32,184 | 16,820 | 42,399 | 39,808 | 210,952 | 171,144 |
| 1927..... | 4 3,159 | 7,035 | 22,120 | 14,672 | 32,611 | 40,816 | 184,795 | 143,079 |
| <i>States</i> | | | | | | | | |
| <i>Alabama:</i> | | | | | | | | |
| 1933..... | 96 | 91 | 450 | 125 | 325 | 407 | 1,894 | 1,487 |
| 1931..... | 130 | (⁶) | 597 | (⁷) | 534 | 555 | 2,712 | 2,157 |
| <i>Arizona:</i> | | | | | | | | |
| 1933..... | 28 | 53 | 181 | 89 | 202 | 206 | 1,104 | 898 |
| 1931..... | 36 | (⁸) | 241 | (⁹) | 352 | 306 | 1,641 | 1,335 |
| <i>Arkansas:</i> | | | | | | | | |
| 1933..... | 92 | 89 | 392 | 127 | 267 | 310 | 1,529 | 1,218 |
| 1931..... | 114 | (¹⁰) | 489 | (¹¹) | 438 | 478 | 2,270 | 1,792 |
| <i>California:</i> | | | | | | | | |
| 1933..... | 205 | 326 | 1,427 | 592 | 1,782 | 1,781 | 10,275 | 8,494 |
| 1931..... | 219 | (¹²) | 1,632 | (¹³) | 2,578 | 2,313 | 14,556 | 12,243 |
| <i>Colorado:</i> | | | | | | | | |
| 1933..... | 22 | 45 | 166 | 76 | 188 | 237 | 835 | 599 |
| 1931..... | 26 | (¹⁴) | 198 | (¹⁵) | 275 | 283 | 1,331 | 1,049 |
| <i>Connecticut:</i> | | | | | | | | |
| 1933..... | 17 | 41 | 123 | 43 | 153 | 196 | 986 | 790 |
| 1931..... | 15 | (¹⁶) | 88 | (¹⁷) | 171 | 197 | 921 | 724 |
| <i>Delaware:</i> | | | | | | | | |
| 1933..... | 13 | 25 | 77 | 36 | 68 | 79 | 547 | 467 |
| 1931..... | 16 | (¹⁸) | 79 | (¹⁹) | 103 | 111 | 712 | 601 |
| <i>District of Columbia:</i> | | | | | | | | |
| 1933..... | 5 | 30 | 71 | 49 | 127 | 149 | 1,182 | 1,034 |
| 1931..... | 10 | (²⁰) | 86 | (²¹) | 167 | 238 | 1,346 | 1,108 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

| | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|-------------------------|--------------------------|---|---|-----------------------|-------|--|-------------------|---|
| | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| Florida: | | | | | | | | |
| 1933..... | 127 | 195 | 723 | 280 | 673 | 1,123 | 5,248 | 4,125 |
| 1931..... | 151 | (⁵) | 922 | (⁵) | 995 | 1,241 | 6,468 | 5,227 |
| Georgia: | | | | | | | | |
| 1933..... | 106 | 204 | 703 | 303 | 473 | 771 | 3,476 | 2,706 |
| 1931..... | 130 | (⁵) | 745 | (⁵) | 673 | 999 | 4,588 | 3,589 |
| Idaho: | | | | | | | | |
| 1933..... | 11 | 18 | 49 | 26 | 52 | 36 | 273 | 236 |
| 1931..... | 15 | (⁵) | 63 | (⁵) | 89 | 61 | 384 | 323 |
| Illinois: | | | | | | | | |
| 1933..... | 174 | 348 | 1,345 | 606 | 1,937 | 1,871 | 10,120 | 8,249 |
| 1931..... | 225 | (⁵) | 1,777 | (⁵) | 2,989 | 2,525 | 14,296 | 11,771 |
| Indiana: | | | | | | | | |
| 1933..... | 107 | 165 | 625 | 270 | 652 | 778 | 3,271 | 2,403 |
| 1931..... | 119 | (⁵) | 709 | (⁵) | 927 | 1,085 | 4,815 | 3,730 |
| Iowa: | | | | | | | | |
| 1933..... | 43 | 71 | 275 | 116 | 309 | 336 | 1,494 | 1,158 |
| 1931..... | 49 | (⁵) | 384 | (⁵) | 512 | 458 | 2,374 | 1,915 |
| Kansas: | | | | | | | | |
| 1933..... | 96 | 182 | 639 | 206 | 602 | 574 | 2,569 | 1,905 |
| 1931..... | 120 | (⁵) | 647 | (⁵) | 834 | 762 | 3,794 | 3,032 |
| Kentucky: | | | | | | | | |
| 1933..... | 79 | 115 | 356 | 162 | 365 | 402 | 2,350 | 1,948 |
| 1931..... | 89 | (⁵) | 501 | (⁵) | 611 | 503 | 3,080 | 2,577 |
| Louisiana: | | | | | | | | |
| 1933..... | 107 | 214 | 867 | 306 | 725 | 730 | 3,979 | 3,249 |
| 1931..... | 135 | (⁵) | 969 | (⁵) | 1,065 | 1,053 | 5,024 | 3,971 |
| Maryland: | | | | | | | | |
| 1933..... | 57 | 101 | 329 | 146 | 374 | 442 | 2,068 | 1,626 |
| 1931..... | 71 | (⁵) | 418 | (⁵) | 537 | 561 | 3,000 | 3,039 |
| Massachusetts: | | | | | | | | |
| 1933..... | 48 | 56 | 322 | 82 | 504 | 820 | 3,938 | 3,118 |
| 1931..... | 44 | (⁵) | 365 | (⁵) | 649 | 791 | 3,763 | 2,972 |
| Michigan: | | | | | | | | |
| 1933..... | 56 | 107 | 337 | 165 | 469 | 591 | 2,903 | 2,372 |
| 1931..... | 71 | (⁵) | 486 | (⁵) | 808 | 820 | 4,559 | 3,739 |
| Minnesota: | | | | | | | | |
| 1933..... | 9 | 33 | 71 | 37 | 82 | 100 | 541 | 442 |
| 1931..... | 9 | (⁵) | 74 | (⁵) | 116 | 124 | 729 | 605 |
| Mississippi: | | | | | | | | |
| 1933..... | 78 | 98 | 355 | 127 | 252 | 312 | 1,689 | 1,377 |
| 1931..... | 108 | (⁵) | 668 | (⁵) | 507 | 429 | 2,402 | 1,973 |
| Missouri: | | | | | | | | |
| 1933..... | 105 | 177 | 802 | 271 | 919 | 980 | 5,397 | 4,417 |
| 1931..... | 153 | (⁵) | 872 | (⁵) | 1,199 | 1,468 | 7,762 | 6,294 |
| Montana: | | | | | | | | |
| 1933..... | 3 | 5 | 15 | 8 | 24 | 21 | 85 | 64 |
| 1931..... | 4 | (⁵) | 19 | (⁵) | 27 | 22 | 111 | 89 |
| Nebraska: | | | | | | | | |
| 1933..... | 40 | 69 | 187 | 80 | 196 | 247 | 1,018 | 771 |
| 1931..... | 54 | (⁵) | 252 | (⁵) | 334 | 331 | 1,665 | 1,285 |
| Nevada: | | | | | | | | |
| 1933..... | 5 | 9 | 30 | 20 | 41 | 22 | 216 | 104 |
| 1931..... | 6 | (⁵) | 44 | (⁵) | 72 | 33 | 279 | 245 |
| New Jersey: | | | | | | | | |
| 1933..... | 101 | 196 | 798 | 344 | 1,046 | 1,239 | 5,413 | 4,174 |
| 1931..... | 121 | (⁵) | 887 | (⁵) | 1,418 | 1,575 | 7,211 | 5,636 |
| New Mexico: | | | | | | | | |
| 1933..... | 15 | 15 | 77 | 21 | 70 | 59 | 801 | 242 |
| 1931..... | 14 | (⁵) | 93 | (⁵) | 125 | 74 | 502 | 429 |
| New York: | | | | | | | | |
| 1933..... | 138 | 502 | 2,099 | 829 | 2,589 | 2,924 | 17,164 | 14,240 |
| 1931..... | 212 | (⁵) | 2,168 | (⁵) | 3,672 | 3,947 | 24,179 | 20,232 |
| North Carolina: | | | | | | | | |
| 1933..... | 107 | 183 | 579 | 284 | 435 | 642 | 2,627 | 1,985 |
| 1931..... | 126 | (⁵) | 902 | (⁵) | 740 | 674 | 3,033 | 2,359 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

| | Number of establishments | Number of salaried employees ¹ 2 | Number of wage earners (average for the year) | Salaries ³ | Wages | Cost of materials, fuel, and purchased electric energy | Value of products | Value added by manufacture ⁴ |
|---|--------------------------|---|---|-----------------------|-------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| Ohio: | | | | | | | | |
| 1933..... | 162 | 240 | 979 | 338 | 1,135 | 1,465 | 9,011 | 7,547 |
| 1931..... | 202 | (⁵) | 1,036 | (⁵) | 1,644 | 1,950 | 11,744 | 9,793 |
| Oklahoma: | | | | | | | | |
| 1933..... | 118 | 155 | 437 | 222 | 376 | 519 | 3,049 | 2,529 |
| 1931..... | 141 | (⁵) | 602 | (⁵) | 678 | 671 | 4,390 | 3,719 |
| Oregon: | | | | | | | | |
| 1933..... | 19 | 23 | 93 | 34 | 106 | 73 | 401 | 328 |
| 1931..... | 24 | (⁵) | 120 | (⁵) | 190 | 124 | 758 | 634 |
| Pennsylvania: | | | | | | | | |
| 1933..... | 220 | 406 | 1,492 | 645 | 1,750 | 1,886 | 9,638 | 7,752 |
| 1931..... | 280 | (⁵) | 1,786 | (⁵) | 2,699 | 2,603 | 14,382 | 11,770 |
| Rhode Island: | | | | | | | | |
| 1933..... | 8 | 9 | 51 | 16 | 58 | 93 | 583 | 490 |
| 1931..... | 9 | (⁵) | 40 | (⁵) | 61 | 98 | 414 | 316 |
| South Carolina: | | | | | | | | |
| 1933..... | 57 | 105 | 377 | 152 | 212 | 349 | 1,505 | 1,155 |
| 1931..... | 78 | (⁵) | 313 | (⁵) | 278 | 446 | 2,187 | 1,741 |
| South Dakota: | | | | | | | | |
| 1933..... | 3 | 4 | 11 | 6 | 7 | 14 | 55 | 40 |
| 1931..... | 7 | (⁵) | 14 | (⁵) | 18 | 25 | 101 | 76 |
| Tennessee: | | | | | | | | |
| 1933..... | 88 | 175 | 609 | 257 | 479 | 520 | 2,580 | 2,061 |
| 1931..... | 111 | (⁵) | 559 | (⁵) | 583 | 677 | 3,849 | 3,173 |
| Texas: | | | | | | | | |
| 1933..... | 376 | 449 | 1,755 | 668 | 1,650 | 2,226 | 11,592 | 9,306 |
| 1931..... | 416 | (⁵) | 1,878 | (⁵) | 2,072 | 2,571 | 15,111 | 12,540 |
| Utah: | | | | | | | | |
| 1933..... | 6 | 9 | 57 | 17 | 62 | 48 | 356 | 308 |
| 1931..... | 9 | (⁵) | 91 | (⁵) | 128 | 96 | 559 | 463 |
| Virginia: | | | | | | | | |
| 1933..... | 89 | 165 | 455 | 248 | 482 | 674 | 2,934 | 2,200 |
| 1931..... | 123 | (⁵) | 704 | (⁵) | 745 | 822 | 4,007 | 3,185 |
| Washington: | | | | | | | | |
| 1933..... | 26 | 47 | 161 | 87 | 194 | 185 | 889 | 705 |
| 1931..... | 38 | (⁵) | 245 | (⁵) | 367 | 295 | 1,494 | 1,190 |
| West Virginia: | | | | | | | | |
| 1933..... | 47 | 60 | 213 | 95 | 233 | 270 | 1,067 | 797 |
| 1931..... | 57 | (⁵) | 290 | (⁵) | 377 | 374 | 1,698 | 1,324 |
| Wisconsin: | | | | | | | | |
| 1933..... | 14 | 51 | 138 | 98 | 165 | 226 | 922 | 696 |
| 1931..... | 16 | (⁵) | 126 | (⁵) | 194 | 217 | 1,046 | 829 |
| Wyoming: | | | | | | | | |
| 1933..... | 3 | 5 | 18 | 7 | 23 | 17 | 81 | 64 |
| 1931..... | 5 | (⁵) | 25 | (⁵) | 41 | 27 | 106 | 79 |
| Other States: ⁶ | | | | | | | | |
| 1933..... | 3 | 4 | 14 | 8 | 12 | 10 | 48 | 38 |
| 1931..... | 3 | (⁵) | 13 | (⁵) | 14 | 17 | 74 | 56 |

¹ Not including proprietors and firm members, as follows: 1933, 849; 1931, no data; 1929, 1,161; 1927, 937.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ Numbers of individual plants: 1933, 3,699; 1931, 4,111; 1929, 4,110; 1927, 3,405. See sec. 89, p. 5.

⁵ No data.

⁶ Maine, North Dakota, and Vermont. Figures for these States combined to avoid disclosing data for individual establishments.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929

| | QUANTITY IN THOUSANDS OF TONS ¹ (2,000 lbs.) | | | VALUE IN THOUSANDS OF DOLLARS ¹ | | |
|---|---|--------|--------|--|------------------|------------------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| 1. Manufactured-ice industry, all products, total value..... | | | | 139,263 | 192,027 | 210,952 |
| 2. Ice ² | 32,888 | 42,355 | 44,477 | 134,443 | 185,241 | 204,422 |
| 3. Receipts for cold storage..... | | | | 4,274 | 5,092 | 5,446 |
| 4. Other products (not normally belonging to the industry)..... | | | | 546 | 1,694 | 1,084 |
| 5. Ice made as a secondary product in other industries. Manufactured ice, total ² (2 and 5)..... | 1,032 | 913 | 991 | 4,080 | 4,168 | 4,586 |
| Ice, by kind, for the ice industry only: ² | | | | | | |
| Can ice, total..... | 33,970 | 43,268 | 45,458 | 138,522 | 189,410 | 209,008 |
| Raw water..... | 32,818 | 42,258 | 44,357 | 134,145 | 184,821 | 203,915 |
| Distilled water..... | 30,279 | 38,221 | 38,117 | (³) | (³) | (³) |
| Plate ice (raw water only)..... | 2,539 | 4,038 | 6,240 | (³) | (³) | (³) |
| | 70 | 97 | 120 | 298 | 420 | 507 |

¹ See sec. 25, p. 13.² Values based on platform prices.³ Not reported separately.

TABLE 3.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES: 1933 AND 1931

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8)]

| | 1933 ¹ | | | | 1931 | | | |
|---------------------------|-------------------|--------|-----------|----------|--------|--------|-----------|----------|
| | March | June | September | December | March | June | September | December |
| United States..... | 15,924 | 26,053 | 27,584 | 17,190 | 19,491 | 31,644 | 31,920 | 17,855 |
| <i>States</i> | | | | | | | | |
| Alabama..... | 328 | 547 | 591 | 378 | 438 | 779 | 767 | 401 |
| Arizona..... | 142 | 212 | 184 | 162 | 222 | 383 | 243 | 164 |
| Arkansas..... | 296 | 465 | 492 | 314 | 362 | 656 | 595 | 331 |
| California..... | 1,180 | 1,503 | 1,744 | 1,172 | 1,449 | 1,867 | 1,965 | 1,161 |
| Colorado..... | 129 | 189 | 211 | 124 | 153 | 239 | 291 | 121 |
| Connecticut..... | 86 | 161 | 164 | 96 | 72 | 116 | 117 | 61 |
| Delaware..... | 63 | 94 | 95 | 60 | 60 | 103 | 102 | 50 |
| District of Columbia..... | 58 | 95 | 84 | 54 | 73 | 106 | 105 | 66 |
| Florida..... | 682 | 685 | 770 | 787 | 868 | 963 | 933 | 900 |
| Georgia..... | 519 | 873 | 884 | 575 | 533 | 998 | 950 | 526 |
| Idaho..... | 39 | 49 | 73 | 34 | 50 | 67 | 107 | 36 |
| Illinois..... | 857 | 1,898 | 1,909 | 983 | 1,290 | 2,224 | 2,325 | 1,177 |
| Indiana..... | 445 | 818 | 841 | 484 | 515 | 920 | 915 | 481 |
| Iowa..... | 208 | 339 | 344 | 241 | 312 | 471 | 477 | 270 |
| Kansas..... | 465 | 812 | 887 | 500 | 453 | 892 | 877 | 375 |
| Kentucky..... | 234 | 490 | 499 | 258 | 329 | 699 | 684 | 314 |
| Louisiana..... | 744 | 938 | 1,039 | 823 | 800 | 1,175 | 1,148 | 755 |
| Maryland..... | 247 | 440 | 418 | 251 | 301 | 506 | 549 | 328 |
| Massachusetts..... | 217 | 449 | 449 | 216 | 283 | 472 | 458 | 272 |
| Michigan..... | 220 | 481 | 438 | 243 | 317 | 672 | 675 | 284 |
| Minnesota..... | 57 | 80 | 92 | 52 | 69 | 81 | 83 | 65 |
| Mississippi..... | 258 | 444 | 453 | 270 | 477 | 917 | 846 | 448 |
| Missouri..... | 572 | 996 | 1,108 | 616 | 686 | 1,107 | 1,124 | 595 |
| Montana..... | 13 | 15 | 15 | 15 | 19 | 20 | 20 | 17 |
| Nebraska..... | 109 | 256 | 273 | 131 | 189 | 323 | 340 | 164 |
| Nevada..... | 24 | 32 | 38 | 22 | 33 | 55 | 60 | 15 |
| New Jersey..... | 596 | 985 | 1,033 | 661 | 717 | 1,060 | 1,118 | 661 |
| New Mexico..... | 64 | 33 | 96 | 48 | 72 | 117 | 122 | 62 |
| New York..... | 1,634 | 2,389 | 2,665 | 1,689 | 1,838 | 2,429 | 2,717 | 1,657 |
| North Carolina..... | 397 | 762 | 763 | 424 | 643 | 1,225 | 1,123 | 612 |
| Ohio..... | 655 | 1,342 | 1,357 | 685 | 734 | 1,365 | 1,392 | 654 |
| Oklahoma..... | 274 | 584 | 606 | 314 | 429 | 820 | 808 | 345 |
| Oregon..... | 86 | 102 | 132 | 76 | 98 | 148 | 141 | 96 |

For footnotes, see end of table.

TABLE 3.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES: 1933 AND 1931—Continued

[See note at head of table]

| | 1933 ¹ | | | | 1931 | | | |
|-------------------------|-------------------|-------|---------------------|---------------|-------|-------|---------------------|---------------|
| | March | June | Sep- tem- ber | Decem- ber | March | June | Sep- tem- ber | Decem- ber |
| <i>States—Continued</i> | | | | | | | | |
| Pennsylvania..... | 1,121 | 1,843 | 1,917 | 1,178 | 1,401 | 2,164 | 2,250 | 1,337 |
| Rhode Island..... | 35 | 68 | 70 | 39 | 32 | 47 | 53 | 33 |
| South Carolina..... | 296 | 468 | 476 | 308 | 227 | 407 | 401 | 207 |
| South Dakota..... | 10 | 11 | 13 | 7 | 10 | 19 | 20 | 10 |
| Tennessee..... | 419 | 772 | 836 | 501 | 383 | 758 | 740 | 377 |
| Texas..... | 1,385 | 1,977 | 2,198 | 1,569 | 1,481 | 2,379 | 2,315 | 1,413 |
| Utah..... | 42 | 67 | 77 | 42 | 67 | 105 | 124 | 48 |
| Virginia..... | 308 | 580 | 565 | 355 | 510 | 902 | 922 | 492 |
| Washington..... | 122 | 184 | 186 | 132 | 187 | 287 | 314 | 186 |
| West Virginia..... | 160 | 265 | 285 | 159 | 196 | 371 | 391 | 212 |
| Wisconsin..... | 110 | 158 | 167 | 117 | 93 | 165 | 159 | 87 |
| Wyoming..... | 10 | 27 | 29 | 10 | 12 | 42 | 39 | 10 |

¹ See secs. 5, p. 4, and 13, p. 8. The 2,703 establishments canvassed with the standard schedule reported wage earners, by months, as follows:

| | | | | | |
|---------------|--------|-------------|--------|----------------|--------|
| January..... | 13,886 | May..... | 19,513 | September..... | 24,848 |
| February..... | 13,697 | June..... | 23,464 | October..... | 21,011 |
| March..... | 14,494 | July..... | 25,081 | November..... | 17,366 |
| April..... | 16,587 | August..... | 25,951 | December..... | 15,725 |

MALT

[A preliminary report for this industry was issued on June 11, 1934]

Description of the industry.—This industry embraces establishments engaged primarily in the manufacture of malt, chiefly from barley but to some extent from other grains.

Extent of coverage.—All the establishments in this industry that reported at the census for 1931 were accounted for in the canvass for 1933.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employ-ees ¹ 2 | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manu-facture ³ |
|--|--------------------------|--|---|-----------------------|-------|--|-------------------|--|
| <i>Thousands of dollars.</i> (See sec. 25, p. 13) ¹ | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 30 | 152 | 848 | 280 | 1,283 | 20,662 | 27,923 | 7,261 |
| 1931..... | 27 | (⁴) | 540 | (⁴) | 866 | 13,920 | 19,242 | 5,322 |
| 1929..... | 28 | 151 | 590 | 614 | 1,057 | 18,924 | 23,603 | 4,679 |
| 1927..... | 23 | 124 | 500 | 452 | 904 | 17,187 | 20,274 | 3,087 |
| <i>States</i> | | | | | | | | |
| <i>Illinois:</i> | | | | | | | | |
| 1933..... | 5 | 29 | 190 | 52 | 330 | 4,270 | 5,653 | 1,384 |
| 1931..... | 4 | (⁴) | 87 | (⁴) | 142 | 1,722 | 2,487 | 766 |
| <i>New York:</i> | | | | | | | | |
| 1933..... | 4 | 15 | 86 | 28 | 142 | 2,101 | 3,313 | 1,212 |
| 1931..... | 4 | (⁴) | 44 | (⁴) | 65 | 964 | 1,512 | 548 |
| <i>Wisconsin:</i> | | | | | | | | |
| 1933..... | 11 | 65 | 385 | 113 | 530 | 9,254 | 12,131 | 2,877 |
| 1931..... | 9 | (⁴) | 252 | (⁴) | 389 | 6,611 | 8,524 | 1,912 |
| <i>Other States:⁵</i> | | | | | | | | |
| 1933..... | 10 | 43 | 187 | 87 | 282 | 5,037 | 6,826 | 1,789 |
| 1931..... | 10 | (⁴) | 157 | (⁴) | 271 | 4,623 | 6,719 | 2,096 |

¹ Not including proprietors and firm members, as follows: 1933, 2; 1931, no data; 1929, 1; 1927, 4.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ No data.

⁵ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Calif., 2, 2; Iowa, 1, 1; Mich., 1, 1; Minn., 6, 5; Ohio, 0, 1.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, 1929, AND 1927

| | 1933 | 1931 | 1929 | 1927 |
|--|---------------------------|--------------|---------------------------|--------------|
| Malt industry, all products, total value..... | \$27,922,786 | \$19,241,934 | \$23,602,938 | \$20,274,172 |
| Malt, sprouts and screenings, total value..... | ¹ \$27,548,248 | \$18,726,436 | ² \$23,060,739 | \$20,224,403 |
| Barley: | | | | |
| Bushels..... | 134,769,766 | 23,646,896 | 25,965,509 | 21,591,898 |
| Value..... | ¹ \$26,129,305 | \$17,457,626 | \$20,822,600 | \$18,511,068 |
| Rye, wheat, and roasted malt: | | | | |
| Bushels..... | 245,629 | 139,746 | ³ 127,664 | 220,835 |
| Value..... | \$210,414 | \$120,183 | ³ \$163,791 | \$269,591 |
| Sprouts and screenings, value..... | \$1,208,529 | \$1,148,627 | \$2,074,348 | \$1,442,844 |
| Other products (not normally belonging to the industry)..... | \$787,029 | \$515,498 | \$713,064 | \$49,769 |

¹ The figures include data for 477,970 bushels of malt, valued at \$412,491, made as a secondary product in other industries.

² Includes \$171,765, value of malt made as a secondary product in other industries.

³ No roasted malt reported.

MEAT PACKING

[A preliminary report for this industry was issued on Oct. 13, 1934]

Description of the industry.—This industry classification covers establishments engaged in wholesale slaughtering and meat packing. Plants that slaughter for the retail trade but also wholesale considerable quantities of meats are included, and the reports made by such establishments generally cover both branches of their operations. Establishments slaughtering for the retail trade only do not come within the scope of the census. Those engaged exclusively or principally in the manufacture of sausage, meat puddings, headcheese, etc., and sausage casings are not classified in this industry but are grouped under a separate designation. Establishments treated as belonging to the "Meat packing" industry at one census may, because of changes in the character of their business, be otherwise classified at another. The statistics, however, cover practically all important establishments engaged wholly or chiefly in slaughtering or in meat packing, or both, for the wholesale trade.

Duplication in cost of materials and value of products.—In this industry there is a considerable amount of duplication in the figures for cost of materials and value of products, resulting from the use of the products of some establishments as materials by others. For example, plants which are engaged only in packing purchase as their materials the fresh meats produced by slaughterhouses. Thus the total cost of materials reported for the industry includes not only the cost of the live animals slaughtered but also the value of a part of the fresh meat produced, while the total value of products includes not only the value of the products actually sold in the form in which they reach consumers but also the value of fresh meats produced by certain establishments and cured by others.

Detailed statistics of products (table 2).—This table does not include data for meat products reported by establishments assigned to other industries; for example, "Sausage, meat puddings, headcheese, etc., and sausage casings, not made in meat-packing establishments," "Food preparations not elsewhere classified," etc.

The output of the meat-packing industry includes certain products, such as glue, grease, tallow, shortenings (other than lard), vegetable cooking oils, salad oils, sausage, meat puddings, headcheese, sausage casings, oleomargarine, soap, and fertilizers, which are made to a large extent by establishments engaged primarily in the manufacture of these commodities, such establishments being classified separately for census purposes. These products, except sausage, meat puddings, headcheese, etc., and sausage casings, are not shown separately in table 2, but their value is included in that of "Miscellaneous products."

Miscellaneous products (table 2).—The value shown for this item covers, in addition to the values of the products specified in the preceding paragraph, that of a miscellaneous group of commodities for

which the schedule did not provide for separate data. This figure also includes the values of certain products, such as manufactured ice, food preparations, gelatin, druggists' preparations, butter, cheese, etc., which normally belong to other industries but which are made to some extent as minor products by establishments in the meat-packing industry. The value of the by-products resulting from slaughtering and meat-packing operations, such as beef heads and feet, tails, horns, horn-tips, stock feed, etc., and the revenue derived from the sale of purchased fresh meat and produce and from interplant transfers, are also included.

Number and weight of animals slaughtered (table 3).—Inasmuch as the census canvass does not cover the slaughter of animals on farms and ranges and by retail butchers, the numbers of animals killed in slaughtering and meat-packing establishments do not represent the total numbers slaughtered. Moreover, the numbers slaughtered on a custom basis are not included in the totals given in the tables. As a rule, the net or dressed weight does not include that of edible organs, but the net weights of a few of the calves and of the sheep and lambs include the weights of the skins and pelts.

Hides, skins, and pelts.—The numbers of cattle hides given in table 2 differ from the numbers of beeves slaughtered, as shown in table 3, for the reason that hides are sometimes taken in exchange for slaughtering done on a custom or contract basis by meat-packing establishments, the number of such hides being included in the total reported, whereas the numbers of animals slaughtered on a custom basis are not included in the total numbers of animals as given in table 3. This difference is also due to some extent to the fact that some establishments include data for hides which were purchased green and cured by them, in addition to those from animals of their own slaughter. In the case of calfskins, the difference is due to the fact that in some instances skins are sold with the carcasses when they are intended for shipment. The difference in regard to pelts results from the inclusion of sheep and lamb slats or pickled sheep and lamb skins among the products of some establishments. The numbers of pickled sheep and lamb skins reported include some which were purchased green and cured.

Extent of coverage.—The 1933 coverage of the establishments reporting in this industry for 1931 was practically complete. Of the 1,209 such establishments, 72 failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, but these establishments accounted for a little more than one-half of 1 percent of the total number of wage earners and of the total value of products reported for the industry for 1931.

TABLE I.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employes ^{1, 2} | Number of wage earners (average for the year) | Salaries ³ | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ⁴ |
|---|--------------------------|---|---|-----------------------|----------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 1, 078 | 19, 324 | 113, 193 | 32, 698 | 112, 266 | 1, 202, 539 | 1, 400, 085 | 287, 546 |
| 1931..... | 1, 209 | (⁵) | 106, 707 | (⁵) | 134, 530 | 1, 839, 260 | 2, 180, 823 | 341, 564 |
| 1929..... | 1, 277 | 23, 349 | 122, 655 | 54, 734 | 165, 887 | 2, 974, 128 | 3, 434, 654 | 460, 526 |
| 1927..... | 1, 260 | 24, 244 | 119, 095 | 54, 642 | 161, 584 | 2, 063, 740 | 3, 057, 216 | 393, 475 |
| <i>States</i> | | | | | | | | |
| Alabama: | | | | | | | | |
| 1933..... | 10 | 41 | 244 | 57 | 181 | 1, 073 | 2, 532 | 559 |
| 1931..... | 10 | (⁵) | 235 | (⁵) | 238 | 3, 144 | 3, 941 | 797 |
| California: | | | | | | | | |
| 1933..... | 92 | 838 | 4, 367 | 1, 630 | 5, 640 | 61, 550 | 76, 575 | 15, 025 |
| 1931..... | 99 | (⁵) | 3, 748 | (⁵) | 5, 659 | 83, 143 | 99, 237 | 16, 094 |
| Colorado: | | | | | | | | |
| 1933..... | 20 | 295 | 1, 434 | 496 | 1, 256 | 13, 161 | 16, 021 | 2, 860 |
| 1931..... | 20 | (⁵) | 1, 323 | (⁵) | 1, 003 | 10, 512 | 23, 760 | 4, 249 |
| Florida: | | | | | | | | |
| 1933..... | 6 | 21 | 115 | 35 | 76 | 1, 114 | 1, 361 | 247 |
| 1931..... | 5 | (⁵) | 83 | (⁵) | 80 | 920 | 1, 164 | 244 |
| Georgia: | | | | | | | | |
| 1933..... | 10 | 115 | 588 | 172 | 346 | 3, 692 | 5, 364 | 1, 673 |
| 1931..... | 12 | (⁵) | 599 | (⁵) | 466 | 6, 278 | 7, 415 | 1, 137 |
| Idaho: | | | | | | | | |
| 1933..... | 12 | 23 | 92 | 38 | 104 | 896 | 1, 164 | 268 |
| 1931..... | 12 | (⁵) | 93 | (⁵) | 128 | 1, 073 | 1, 380 | 307 |
| Illinois: | | | | | | | | |
| 1933..... | 76 | 4, 427 | 23, 704 | 7, 550 | 24, 670 | 253, 113 | 310, 160 | 57, 047 |
| 1931..... | 76 | (⁵) | 23, 680 | (⁵) | 31, 371 | 383, 961 | 446, 655 | 62, 694 |
| Indiana: | | | | | | | | |
| 1933..... | 47 | 554 | 4, 069 | 804 | 3, 966 | 34, 455 | 44, 136 | 9, 681 |
| 1931..... | 51 | (⁵) | 4, 371 | (⁵) | 4, 672 | 54, 245 | 66, 781 | 12, 536 |
| Iowa: | | | | | | | | |
| 1933..... | 18 | 1, 442 | 9, 160 | 2, 219 | 7, 808 | 97, 732 | 119, 585 | 21, 852 |
| 1931..... | 22 | (⁵) | 8, 390 | (⁵) | 9, 265 | 156, 117 | 180, 452 | 24, 334 |
| Kansas: | | | | | | | | |
| 1933..... | 29 | 1, 430 | 7, 872 | 2, 330 | 7, 057 | 81, 914 | 97, 404 | 15, 490 |
| 1931..... | 28 | (⁵) | 7, 376 | (⁵) | 8, 472 | 118, 394 | 137, 991 | 19, 597 |
| Kentucky: | | | | | | | | |
| 1933..... | 22 | 160 | 874 | 186 | 798 | 7, 623 | 10, 332 | 2, 709 |
| 1931..... | 26 | (⁵) | 774 | (⁵) | 893 | 10, 436 | 12, 933 | 2, 497 |
| Louisiana: | | | | | | | | |
| 1933..... | 4 | 17 | 170 | 39 | 144 | 654 | 934 | 280 |
| 1931..... | 7 | (⁵) | 205 | (⁵) | 229 | 1, 234 | 1, 654 | 420 |
| Maine: | | | | | | | | |
| 1933..... | 6 | 20 | 135 | 33 | 143 | 1, 069 | 1, 204 | 195 |
| 1931..... | 7 | (⁵) | 108 | (⁵) | 139 | 1, 166 | 1, 445 | 273 |
| Maryland: | | | | | | | | |
| 1933..... | 37 | 342 | 1, 697 | 596 | 1, 735 | 14, 457 | 18, 956 | 4, 499 |
| 1931..... | 51 | (⁵) | 1, 525 | (⁵) | 2, 001 | 22, 580 | 28, 536 | 6, 006 |
| Massachusetts: | | | | | | | | |
| 1933..... | 26 | 470 | 2, 358 | 637 | 2, 556 | 22, 728 | 30, 181 | 7, 453 |
| 1931..... | 31 | (⁵) | 2, 123 | (⁵) | 2, 871 | 32, 764 | 39, 704 | 6, 940 |
| Michigan: | | | | | | | | |
| 1933..... | 40 | 352 | 2, 021 | 651 | 1, 893 | 18, 280 | 22, 145 | 3, 859 |
| 1931..... | 44 | (⁵) | 1, 898 | (⁵) | 2, 328 | 29, 735 | 34, 770 | 5, 034 |
| Minnesota: | | | | | | | | |
| 1933..... | 13 | 1, 197 | 7, 228 | 2, 004 | 6, 955 | 70, 699 | 87, 255 | 16, 556 |
| 1931..... | 14 | (⁵) | 6, 936 | (⁵) | 8, 721 | 112, 754 | 131, 552 | 18, 799 |
| Missouri: | | | | | | | | |
| 1933..... | 36 | 838 | 4, 072 | 1, 465 | 4, 796 | 59, 669 | 73, 537 | 13, 918 |
| 1931..... | 43 | (⁵) | 4, 823 | (⁵) | 5, 710 | 92, 500 | 107, 348 | 14, 843 |
| Montana: | | | | | | | | |
| 1933..... | 10 | 46 | 216 | 86 | 259 | 2, 114 | 2, 784 | 670 |
| 1931..... | 14 | (⁵) | 254 | (⁵) | 384 | 2, 959 | 4, 339 | 1, 381 |
| Nebraska: | | | | | | | | |
| 1933..... | 15 | 905 | 5, 325 | 1, 520 | 4, 933 | 71, 793 | 83, 218 | 11, 426 |
| 1931..... | 17 | (⁵) | 5, 503 | (⁵) | 6, 641 | 124, 012 | 139, 639 | 15, 627 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employ-ees ^{1 2} | Number of wage earners (average for the year) | Salaries ³ | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manu-facture ⁴ |
|----------------------------|--------------------------|--|---|-----------------------|-------|--|-------------------|--|
| | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| New Jersey: | | | | | | | | |
| 1933..... | 28 | 545 | 2,695 | 1,141 | 3,080 | 39,655 | 47,305 | 7,650 |
| 1931..... | 29 | (⁵) | 2,327 | (⁵) | 3,432 | 54,730 | 64,511 | 9,781 |
| New York: | | | | | | | | |
| 1933..... | 90 | 1,097 | 6,682 | 2,000 | 8,429 | 90,656 | 115,255 | 24,599 |
| 1931..... | 112 | (⁵) | 6,337 | (⁵) | 9,691 | 137,933 | 172,179 | 34,246 |
| North Carolina: | | | | | | | | |
| 1933..... | 3 | 12 | 52 | 18 | 41 | 365 | 466 | 101 |
| Ohio: | | | | | | | | |
| 1933..... | 113 | 819 | 5,908 | 1,413 | 6,183 | 60,372 | 75,851 | 15,480 |
| 1931..... | 115 | (⁵) | 5,260 | (⁵) | 6,795 | 89,461 | 108,387 | 18,876 |
| Oklahoma: | | | | | | | | |
| 1933..... | 15 | 280 | 1,085 | 415 | 1,456 | 14,320 | 17,713 | 3,394 |
| 1931..... | 13 | (⁵) | 1,306 | (⁵) | 1,372 | 18,352 | 21,964 | 3,613 |
| Oregon: | | | | | | | | |
| 1933..... | 14 | 96 | 399 | 177 | 457 | 6,141 | 7,694 | 1,553 |
| 1931..... | 21 | (⁵) | 448 | (⁵) | 602 | 10,220 | 12,115 | 1,895 |
| Pennsylvania: | | | | | | | | |
| 1933..... | 124 | 808 | 5,438 | 1,345 | 5,903 | 48,753 | 63,709 | 14,925 |
| 1931..... | 132 | (⁵) | 4,891 | (⁵) | 6,592 | 74,639 | 94,007 | 19,268 |
| Rhode Island: | | | | | | | | |
| 1933..... | 4 | 22 | 127 | 46 | 135 | 1,208 | 1,533 | 325 |
| 1931..... | 6 | (⁵) | 124 | (⁵) | 161 | 2,447 | 3,033 | 586 |
| South Dakota: | | | | | | | | |
| 1933..... | 7 | 297 | 1,849 | 449 | 1,624 | 19,495 | 25,124 | 5,029 |
| 1931..... | 6 | (⁵) | 1,837 | (⁵) | 1,936 | 33,059 | 39,168 | 6,109 |
| Tennessee: | | | | | | | | |
| 1933..... | 8 | 115 | 846 | 186 | 693 | 6,659 | 8,838 | 2,180 |
| 1931..... | 14 | (⁵) | 644 | (⁵) | 663 | 9,254 | 11,813 | 2,559 |
| Texas: | | | | | | | | |
| 1933..... | 32 | 634 | 3,151 | 1,106 | 2,279 | 27,265 | 34,868 | 7,603 |
| 1931..... | 38 | (⁵) | 3,054 | (⁵) | 2,959 | 43,391 | 51,508 | 8,117 |
| Utah: | | | | | | | | |
| 1933..... | 7 | 71 | 297 | 117 | 282 | 2,943 | 3,724 | 781 |
| 1931..... | 9 | (⁵) | 276 | (⁵) | 356 | 4,624 | 5,557 | 933 |
| Virginia: | | | | | | | | |
| 1933..... | 18 | 77 | 585 | 133 | 437 | 3,977 | 5,103 | 1,126 |
| 1931..... | 21 | (⁵) | 447 | (⁵) | 420 | 5,260 | 7,784 | 2,524 |
| Washington: | | | | | | | | |
| 1933..... | 26 | 256 | 1,348 | 394 | 1,323 | 11,939 | 15,755 | 3,816 |
| 1931..... | 32 | (⁵) | 1,265 | (⁵) | 1,580 | 19,182 | 23,154 | 3,972 |
| Wisconsin: | | | | | | | | |
| 1933..... | 21 | 399 | 2,701 | 732 | 2,659 | 30,795 | 37,910 | 7,115 |
| 1931..... | 22 | (⁵) | 2,219 | (⁵) | 2,399 | 48,068 | 56,822 | 8,753 |
| Other States: ⁷ | | | | | | | | |
| 1933..... | 39 | 263 | 2,221 | 466 | 2,063 | 19,278 | 24,279 | 5,001 |
| 1931..... | 50 | (⁵) | 2,230 | (⁵) | 2,901 | 31,712 | 38,126 | 6,414 |

¹ Not including proprietors and firm members, as follows: 1933, 596; 1931, no data; 1929, 863; 1927, 885.² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.⁴ Reported on standard schedule, \$1,424,087,649; reported on abbreviated schedule, \$65,997,839. See sec. 5, p. 4.⁵ No data.⁶ Figures for 1931 withheld to avoid disclosing approximations of data for individual establishments; included in figures for "Other States."⁷ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Ariz., 4, 5; Ark., 3, 4; Conn., 3, 4; Del., 5, 4; D. C., 4, 5; Miss., 0, 2; Nev., 3, 4; N. Mex., 1, 0; N. C. (1931), 3; N. Dak., 3, 2; S. C., 3, 4; Vt., 1, 1; W. Va., 6, 8; Wyo., 3, 4.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, 1933 AND 1931, AND BY KIND AND QUANTITY, 1929, FOR THE UNITED STATES

| | QUANTITY ¹ | | | | VALUE IN THOUSANDS OF DOLLARS ¹ | |
|--|--|-------------------------------------|--|------------------------|--|-------------------------------------|
| | 1933 | 1931 | 1931 | 1929 | 1933 | 1931 |
| | Reported on standard schedule ² | Compara- ble with 1933 ² | As pub- lished; compara- ble with 1929 | | Reported on standard schedule ² | Compara- ble with 1933 ³ |
| | <i>M lb.</i> | <i>M lb.</i> | <i>M lb.</i> | <i>M lb.</i> | | |
| Aggregate value..... | | | | | \$1,424,088 | 2,085,005 |
| Fresh meat, total..... | 9,326,965 | 9,426,518 | 9,888,653 | 9,844,660 | 721,737 | 1,122,346 |
| Beef..... | 4,381,808 | 4,321,933 | 4,552,908 | 4,575,492 | 344,477 | 516,927 |
| Veal..... | 495,543 | 487,418 | 530,306 | 511,103 | 40,796 | 61,881 |
| Mutton and lamb..... | 716,026 | 743,731 | 771,578 | 601,719 | 81,826 | 112,726 |
| Pork..... | 3,227,688 | 3,319,710 | 3,467,078 | 3,571,277 | 225,365 | 386,788 |
| Edible organs, tripe, etc..... | 493,103 | 525,707 | 537,447 | 568,697 | 28,726 | 42,470 |
| Other fresh meat..... | 12,796 | 28,020 | 29,276 | 16,383 | 548 | 1,554 |
| Cured meat, total..... | 3,079,997 | 3,154,433 | 3,284,910 | 3,751,963 | 294,751 | 447,300 |
| Beef, pickled and other cured..... | 53,558 | 62,572 | 71,346 | 71,593 | 7,316 | 11,167 |
| Pork, pickled and dry-cured, smoked..... | 1,194,447 | 1,157,438 | 1,205,588 | 1,295,188 | 131,447 | 201,298 |
| Pork, dry-salted, smoked..... | 99,683 | 102,110 | 114,077 | 101,779 | 10,737 | 15,898 |
| Pork, pickled and dry-cured, not smoked..... | 983,787 | 997,662 | 1,001,091 | 1,271,066 | 83,657 | 121,673 |
| Pork, dry-salted, not smoked..... | 606,730 | 702,853 | 706,172 | 860,148 | 35,010 | 61,185 |
| Cooked hams ⁵ | 141,786 | 131,798 | 136,636 | 152,189 | 26,584 | 36,089 |
| Canned meat, except sausage..... | 137,290 | 91,408 | 91,408 | 149,582 | 18,900 | 21,180 |
| Canned sausage..... | 12,336 | 13,336 | 13,455 | 19,552 | 1,709 | 2,438 |
| Sausage (not canned), meat pud- dings, headcheese, etc. ⁶ | 701,530 | 738,424 | 795,204 | 928,573 | 81,897 | 117,559 |
| Sausage casings, total ⁷ | 90,860 | 70,077 | 70,947 | 116,362 | 12,253 | 8,829 |
| Beef casings..... | 34,080 | 24,697 | 24,992 | 42,878 | 4,265 | 2,631 |
| Sheep and lamb casings..... | 9,165 | 9,939 | 10,132 | 25,271 | 1,916 | 1,873 |
| Hog casings..... | 47,615 | 35,441 | 35,823 | 48,212 | 6,072 | 4,325 |
| Lard..... | 1,872,193 | 1,708,139 | 1,749,798 | 2,041,211 | 102,432 | 146,218 |
| Oleo oil..... | 59,136 | 80,421 | 80,421 | 113,231 | 2,911 | 4,677 |
| Oleo stock..... | 18,400 | 18,771 | 18,771 | (*) | 759 | 1,013 |
| Lard oil..... | 2,066 | (*) | (*) | (*) | 142 | (*) |
| Stearin (oleo and other)..... | 30,127 | 27,822 | 28,248 | 38,543 | 1,371 | 1,823 |
| Fertilizer materials..... | <i>Tons</i> 88,624 | <i>Tons</i> 106,759 | <i>Tons</i> 114,924 | <i>Tons</i> 134,856 | 1,934 | 2,771 |
| Hides, skins, and pelts (not includ- ing sheep and lamb slats or pickled sheep and lamb skins) ⁸ total..... | | | | | 54,341 | 51,456 |
| Total cattle hides and calf- skins..... | <i>M lb.</i> 534,997 | <i>M lb.</i> 544,402 | <i>M lb.</i> 579,906 | <i>M lb.</i> 583,774 | 42,485 | 43,188 |
| Cattle hides, cured ¹⁰ | 435,558 | 435,957 | 456,125 | 399,682 | 33,102 | 33,498 |
| Cattle hides, uncured ¹⁰ | 46,494 | 46,183 | 56,474 | 133,519 | 2,900 | 2,433 |
| Calfskins, cured ¹⁰ | 39,640 | 43,757 | 46,025 | 35,639 | 5,143 | 5,292 |
| Calfskins, uncured ¹⁰ | 13,304 | 18,504 | 21,278 | 14,935 | 1,340 | 1,965 |
| Sheep and lamb pelts, cured..... | <i>Thousands</i> 11,426 | <i>Thousands</i> 11,820 | <i>Thousands</i> 11,993 | <i>Thousands</i> 7,523 | 9,461 | 6,522 |
| Sheep and lamb pelts, uncured..... | 2,975 | 2,496 | 2,896 | 2,935 | 2,347 | 1,582 |
| Other hides and skins, cured and uncured..... | 83 | 173 | 181 | 346 | 47 | 164 |
| Pickled sheep and lamb skins ¹⁰ | <i>M lb.</i> 27,918 | <i>M lb.</i> 23,275 | <i>M lb.</i> 23,371 | <i>M lb.</i> 13,157 | 2,652 | 1,900 |
| Wool ¹¹ | 49,425 | 43,771 | 43,930 | 35,907 | 15,053 | 12,515 |
| Hair, hog and other..... | 11,827 | 15,627 | 15,639 | 25,947 | 372 | 516 |

For footnotes, see end of table.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, 1933 AND 1931, AND BY KIND AND QUANTITY, 1929, FOR THE UNITED STATES—Continued

| | QUANTITY ¹ | | | | VALUE IN THOUSANDS OF DOLLARS ¹ | |
|--|--|--|--|--------------|--|--|
| | 1933 Reported on standard schedule ² | 1931 Compara-ble with 1933 ³ | 1931 As pub-lished; compara-ble with 1929 | 1929 | 1933 Reported on standard schedule ² | 1931 Compara-ble with 1933 ³ |
| | <i>M lb.</i> | <i>M lb.</i> | <i>M lb.</i> | <i>M lb.</i> | | |
| Undistributed products, value ¹¹ | | | | | 15, 038 | 140, 890 |
| Miscellaneous products, value ¹³ | | | | | 93, 694 | |
| Amount received for custom or con-tract work, value..... | | | | | 2, 052 | 1, 574 |

¹ See sec. 25, p. 13.

² See sec. 5, p. 4.

³ See sec. 5, p. 4. The figures in this column represent the production, in 1931, of those classes of establishments (not in all cases the same individual establishments) which reported on the standard schedule for 1933.

⁴ Reported on standard schedules, \$1,424,087,649; on abbreviated schedules, \$65,997,839; total for the industry, \$1,490,085,488.

⁵ Produced in the "Meat-packing" industry only. In 1931, 26,205,680 pounds of cooked hams, valued at \$7,356,394, and in 1929, 13,124,067 pounds, valued at \$4,769,192, were produced in other industries. No corresponding data were collected for 1933.

⁶ Production in the "Meat-packing" industry only. In 1931, 422,296,265 pounds of sausage, meat puddings, etc., valued at \$69,905,153, and in 1929, 394,466,096 pounds, valued at \$88,856,462, were made in the "Sausage, meat puddings, headcheese, etc., and sausage casings" industry and other industries. No corresponding data were collected for 1933, but the total value of all products made during that year by establishments classified in the "Sausage, meat puddings, headcheese, etc." industry amounted to \$86,438,000.

⁷ Production in the "Meat-packing" industry only. In 1931, 29,471,141 pounds of sausage casings, valued at \$4,538,176, and in 1929, 59,836,419 pounds, valued at \$10,768,509, were made in the "Sausage, meat-puddings, headcheese, etc., and sausage casings" industry and other industries. No corresponding data were collected for 1933.

⁸ Withheld to avoid disclosing output of individual establishments; included in figure for "Miscellaneous products."

⁹ See "Hides, skins, and pelts," p. 114.

¹⁰ The numbers of hides and skins reported are as follows:

| | 1933 Standard schedule | 1931 Compara- ble with 1933 | 1931 As pub- lished; compara- ble with 1929 | 1929 |
|------------------------------------|------------------------------|--------------------------------------|--|-------------|
| Cattle hides: | | | | |
| Cured..... | 8, 212, 232 | 8, 096, 621 | 8, 527, 318 | 7, 439, 998 |
| Uncured..... | 854, 383 | 794, 926 | 1, 003, 923 | 2, 401, 488 |
| Calfskins: | | | | |
| Cured..... | 3, 358, 740 | 3, 516, 490 | 3, 691, 091 | 2, 707, 414 |
| Uncured..... | 1, 166, 218 | 1, 557, 332 | 1, 792, 827 | 1, 232, 832 |
| Sheep and lamb skins, pickled..... | 11, 848, 383 | 9, 899, 476 | 9, 946, 710 | 5, 948, 459 |

¹¹ Wool detached from sheep pelts in meat-packing establishments. No data in regard to quantity of wool detached from pelts in establishments engaged primarily in "wool pulling" are available, but the total value of products reported by such establishments for 1933 was \$10,266,000.

¹² Comprises, in the main, values of products normally belonging to the industry but not reported in detail.

¹³ See "Miscellaneous products," p. 113.

TABLE 3.—ANIMALS SLAUGHTERED FOR OWN ACCOUNT—NUMBER, WEIGHT, AND COST, BY KIND, FOR THE UNITED STATES: 1927 TO 1933

[See "Hides, skins, and pelts," p. 114]

| | 1933 Reported on standard schedule ¹ | 1931 Comparable with 1933 ² | 1931 As published; comparable with 1929 and 1927 | 1929 | 1927 |
|-----------------------------------|--|--|--|-----------------|------------------|
| CATTLE | | | | | |
| Number..... | 8,995,440 | 8,766,942 | 9,308,270 | 9,547,636 | 10,724,823 |
| Weight on hoof..... | 8,524,977,246 | 8,301,750,376 | 8,785,381,299 | 9,021,803,216 | 10,098,812,213 |
| Weight dressed ³ | 4,672,793,236 | 4,541,767,819 | 4,788,555,300 | 4,849,424,442 | 5,372,699,078 |
| Average weight on hoof..... | 948 | 947 | 944 | 945 | 942 |
| Average weight dressed..... | 519 | 518 | 514 | 508 | 501 |
| Cost on hoof..... | \$356,799,949 | \$527,025,577 | \$552,383,958 | \$937,837,193 | (⁴) |
| CALVES | | | | | |
| Number..... | 5,098,154 | 5,047,202 | 5,503,515 | 5,208,732 | 5,476,707 |
| Weight on hoof..... | 888,359,421 | 876,502,559 | 946,490,850 | 913,783,355 | 952,376,313 |
| Weight dressed ³ | 547,053,235 | 520,682,710 | 562,137,172 | 540,487,419 | 587,903,702 |
| Average weight on hoof..... | 174 | 174 | 172 | 175 | 174 |
| Average weight dressed..... | 107 | 103 | 102 | 104 | 107 |
| Cost on hoof..... | \$40,958,288 | \$64,078,370 | \$68,996,897 | \$110,848,175 | (⁴) |
| SHEEP AND LAMBS | | | | | |
| Number..... | 18,677,491 | 19,704,049 | 20,445,037 | 15,688,043 | 14,388,643 |
| Weight on hoof..... | 1,590,707,449 | 1,589,076,850 | 1,644,315,064 | 1,293,842,966 | 1,168,070,425 |
| Weight dressed ³ | 724,525,611 | 751,877,442 | 778,538,735 | 611,229,015 | 556,623,920 |
| Average weight on hoof..... | 82 | 81 | 80 | 82 | 81 |
| Average weight dressed..... | 39 | 38 | 38 | 39 | 39 |
| Cost on hoof..... | \$92,166,722 | \$116,056,500 | \$119,764,891 | \$168,090,692 | (⁴) |
| HOGS | | | | | |
| Number..... | 50,243,752 | 47,758,724 | 49,425,477 | 53,702,372 | 47,492,302 |
| Weight on hoof..... | 11,475,446,617 | 10,983,408,314 | 11,317,684,790 | 12,309,351,570 | 10,875,730,466 |
| Weight dressed ³ | 8,390,392,610 | 8,118,128,492 | 8,365,308,355 | 9,154,007,960 | 8,098,943,551 |
| Average weight on hoof..... | 228 | 230 | 229 | 228 | 229 |
| Average weight dressed..... | 167 | 170 | 169 | 170 | 171 |
| Cost on hoof..... | \$438,644,788 | \$728,557,894 | \$749,343,286 | \$1,227,569,453 | (⁴) |
| OTHER ANIMALS | | | | | |
| Number..... | 15,556 | 34,140 | 35,274 | 101,673 | (⁴) |
| Weight on hoof..... | 11,422,125 | 31,815,642 | 31,910,700 | 61,240,671 | (⁴) |
| Weight dressed ³ | 5,687,266 | 15,911,659 | 15,955,360 | 31,245,999 | (⁴) |
| Cost on hoof..... | \$100,029 | \$339,797 | \$342,019 | \$1,246,802 | (⁴) |

¹ See sec. 5c, p. 4.² See sec. 5c, p. 4. The figures in this column refer to the animals slaughtered in 1931 by those classes of establishments (not in all cases the same individual establishments) which reported on the standard schedule for 1933.³ Not including weight of edible organs.⁴ No data.

TABLE 4.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES:
1933 AND 1931

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8.) See sec. 26, p. 13]

| | 1933 ¹ | | | | 1931 | | | |
|---------------------------|-------------------|---------|------------|-----------|------------------|------------------|------------------|------------------|
| | March | June | Septem-ber | Decem-ber | March | June | Septem-ber | Decem-ber |
| United States..... | 97,642 | 107,076 | 131,319 | 127,802 | 105,018 | 105,059 | 104,360 | 111,322 |
| <i>States</i> | | | | | | | | |
| Alabama..... | 208 | 239 | 277 | 274 | 244 | 231 | 218 | 247 |
| Arizona..... | 222 | 251 | 288 | 339 | 233 | 240 | 256 | 262 |
| California..... | 3,927 | 4,059 | 4,324 | 4,888 | 3,741 | 3,695 | 3,771 | 3,856 |
| Colorado..... | 1,210 | 1,390 | 1,663 | 1,552 | 1,283 | 1,385 | 1,397 | 1,224 |
| Connecticut..... | 235 | 257 | 373 | 338 | (²) | (²) | (²) | (²) |
| Delaware..... | 258 | 262 | 317 | 315 | (²) | (²) | (²) | (²) |
| District of Columbia..... | 227 | 218 | 228 | 212 | (²) | (²) | (²) | (²) |
| Florida..... | 104 | 105 | 125 | 133 | 82 | 80 | 78 | 86 |
| Georgia..... | 515 | 495 | 635 | 729 | 593 | 551 | 587 | 671 |
| Idaho..... | 76 | 83 | 99 | 110 | 81 | 96 | 101 | 94 |
| Illinois..... | 19,185 | 22,639 | 28,293 | 27,953 | 23,254 | 23,230 | 23,163 | 24,777 |
| Indiana..... | 4,095 | 4,526 | 5,405 | 5,117 | 4,223 | 4,236 | 4,256 | 4,785 |
| Iowa..... | 8,290 | 8,651 | 10,087 | 10,314 | 8,286 | 8,238 | 7,909 | 8,933 |
| Kansas..... | 6,721 | 7,674 | 9,520 | 8,732 | 7,154 | 7,515 | 7,170 | 7,382 |
| Kentucky..... | 763 | 818 | 1,001 | 963 | 770 | 748 | 768 | 805 |
| Louisiana..... | 169 | 155 | 172 | 176 | 207 | 201 | 208 | 202 |
| Maine..... | 128 | 112 | 137 | 163 | 105 | 108 | 112 | 108 |
| Maryland..... | 1,538 | 1,572 | 1,932 | 1,849 | 1,520 | 1,495 | 1,509 | 1,559 |
| Massachusetts..... | 1,998 | 2,165 | 2,889 | 2,661 | 2,116 | 2,118 | 2,055 | 2,173 |
| Michigan..... | 1,734 | 1,946 | 2,310 | 2,292 | 1,805 | 1,828 | 1,829 | 2,059 |
| Minnesota..... | 5,925 | 6,242 | 8,745 | 8,521 | 6,616 | 6,537 | 6,500 | 7,451 |
| Missouri..... | 4,172 | 4,818 | 5,908 | 5,666 | 4,724 | 4,838 | 4,577 | 5,410 |
| Montana..... | 190 | 231 | 240 | 225 | 278 | 233 | 249 | 251 |
| Nebraska..... | 4,437 | 5,138 | 6,496 | 5,991 | 5,531 | 5,631 | 5,443 | 5,345 |
| Nevada..... | 52 | 62 | 73 | 65 | (²) | (²) | (²) | (²) |
| New Jersey..... | 2,523 | 2,508 | 3,050 | 2,873 | 2,352 | 2,229 | 2,362 | 2,398 |
| New York..... | 6,176 | 6,419 | 7,250 | 7,281 | 6,288 | 6,214 | 6,230 | 6,606 |
| North Carolina..... | 46 | 50 | 56 | 56 | (²) | (²) | (²) | (²) |
| North Dakota..... | 394 | 430 | 530 | 559 | (²) | (²) | (²) | (²) |
| Ohio..... | 5,273 | 5,607 | 6,694 | 6,437 | 5,233 | 5,241 | 5,156 | 5,392 |
| Oklahoma..... | 1,431 | 1,657 | 2,034 | 1,842 | 1,305 | 1,276 | 1,341 | 1,294 |
| Oregon..... | 346 | 414 | 460 | 419 | 431 | 462 | 442 | 468 |
| Pennsylvania..... | 5,060 | 5,036 | 6,001 | 5,879 | 4,845 | 4,766 | 4,944 | 5,070 |
| Rhode Island..... | 120 | 118 | 139 | 132 | 124 | 124 | 123 | 125 |
| South Carolina..... | 106 | 111 | 146 | 146 | (²) | (²) | (²) | (²) |
| South Dakota..... | 1,720 | 1,763 | 1,984 | 2,053 | 1,799 | 1,792 | 1,750 | 1,933 |
| Tennessee..... | 685 | 774 | 1,041 | 1,034 | 634 | 627 | 635 | 656 |
| Texas..... | 2,590 | 3,070 | 3,764 | 3,529 | 2,973 | 3,126 | 3,032 | 3,067 |
| Utah..... | 250 | 268 | 290 | 274 | 269 | 279 | 280 | 270 |
| Virginia..... | 531 | 519 | 635 | 609 | 426 | 391 | 419 | 558 |
| Washington..... | 1,253 | 1,307 | 1,471 | 1,393 | 1,253 | 1,242 | 1,242 | 1,325 |
| West Virginia..... | 343 | 384 | 455 | 459 | (²) | (²) | (²) | (²) |
| Wisconsin..... | 2,335 | 2,476 | 3,194 | 3,078 | 2,214 | 2,139 | 2,149 | 2,394 |
| Wyoming..... | 25 | 25 | 28 | 26 | 40 | 42 | 42 | 41 |

¹ See secs. 5, p. 4, and 13, p. 8. The 548 establishments canvassed with the standard schedule reported wage earners, by months, as follows:

| | | | | | |
|---------------|--------|-------------|---------|----------------|---------|
| January..... | 96,456 | May..... | 98,143 | September..... | 126,121 |
| February..... | 95,325 | June..... | 102,532 | October..... | 124,939 |
| March..... | 93,253 | July..... | 105,917 | November..... | 123,151 |
| April..... | 93,802 | August..... | 117,932 | December..... | 122,543 |

² Withheld to avoid disclosing data for individual establishments.

OLEOMARGARINE (MARGARINE) NOT MADE IN MEAT-PACKING ESTABLISHMENTS

[A preliminary report for this industry was issued on Oct. 1, 1934]

Description of the industry.—The establishments classified in this industry are engaged primarily in the manufacture, under the general designation "Oleomargarine," of the commodities known as "oleomargarine," "butterine," "nut margarine," "nut butter," etc. Both vegetable and animal substances, such as coconut oil, palm oil, cottonseed oil, oleo oil, milk, butter, neutral lard, etc., are used as materials. Shortenings, vegetable cooking oils, salad oils, butter, mayonnaise, salad dressing, soapstock, etc., were reported as secondary products by some of the establishments. A large amount of oleomargarine is also made by establishments in the "Meat-packing" industry. (See table 2.)

Extent of coverage.—All the establishments in this industry that reported at the census for 1931 were accounted for in the canvass for 1933.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ^{1,2} | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|----------------------------------|--------------------------|---|---|-----------------------|-------|--|-------------------|---|
| | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 16 | 285 | 841 | 474 | 855 | 8,312 | 12,766 | 4,554 |
| 1931..... | 32 | (⁴) | 1,043 | (⁵) | 1,352 | 15,269 | 22,818 | 7,548 |
| 1929..... | 41 | 582 | 1,534 | 1,390 | 2,204 | 30,890 | 46,522 | 15,632 |
| 1927..... | 36 | 566 | 1,502 | 1,282 | 2,258 | 27,145 | 39,282 | 12,137 |
| <i>States</i> | | | | | | | | |
| <i>Illinois:</i> | | | | | | | | |
| 1933..... | 4 | 147 | 485 | 266 | 520 | 4,077 | 6,578 | 2,501 |
| 1931..... | 5 | (⁴) | 479 | (⁵) | 653 | 5,785 | 9,433 | 3,648 |
| <i>Ohio:</i> | | | | | | | | |
| 1933..... | 3 | 35 | 82 | 42 | 77 | 1,315 | 1,677 | 362 |
| 1931..... | 5 | (⁴) | 209 | (⁵) | 279 | 4,854 | 6,187 | 1,333 |
| <i>Other States:⁶</i> | | | | | | | | |
| 1933..... | 9 | 103 | 274 | 166 | 258 | 2,921 | 4,511 | 1,590 |
| 1931..... | 22 | (⁴) | 355 | (⁵) | 419 | 4,630 | 7,197 | 2,667 |

¹ Not including proprietors and firm members, as follows: 1933, none; 1931, no date; 1929, 4; 1927, 3.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, P. 11.

⁴ These 16 establishments operated 17 plants. The figures in this column refer to the numbers of establishments engaged primarily in the manufacture of oleomargarine. In addition, 24 meat-packing establishments and 9 establishments in other industries made oleomargarine as a secondary product in 1933.

⁵ No data.

⁶ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Calif., 1, 4; Ind., 1, 1; Kans., 0, 1; Md., 2, 3; Mass., 1, 1; Mich., 1, 1; Mo., 1, 3; N. J., 1, 1; R. I., 1, 2; Tenn., 0, 1; Tex., 0, 1; Wash., 0, 2; Wis., 0, 1.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES, 1933, 1931, AND 1929

| | QUANTITY IN THOUSANDS OF POUNDS ¹ | | | VALUE IN THOUSANDS OF DOLLARS ¹ | | |
|--|--|---------|---------|--|--------|--------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| 1. Oleomargarine (margarine) industry, all products, total value..... | | | | 12,766 | 22,818 | 46,522 |
| 2. Oleomargarine..... | 125,470 | 124,735 | 206,867 | 9,433 | 14,793 | 35,518 |
| 3. Other products (not normally belonging to the industry)..... | | | | 3,332 | 8,024 | 11,004 |
| Oleomargarine made as a secondary product: | | | | | | |
| 4. In the "meat packing" industry..... | 84,058 | 90,020 | 108,174 | 5,287 | 9,102 | 16,522 |
| 5. In other industries..... | 35,241 | 16,436 | 55,759 | 2,637 | 1,793 | 8,376 |
| Oleomargarine, aggregate value (2, 4, and 5)..... | 244,769 | 231,192 | 370,300 | 17,358 | 25,689 | 60,416 |
| Reported according to materials used: | | | | | | |
| Composed solely of vegetable oils..... | 132,542 | 104,396 | 183,668 | 9,419 | 11,381 | 23,741 |
| Composed of a mixture of animal and vegetable oils and fats..... | 28,169 | 36,776 | 73,458 | 2,651 | 5,206 | 15,152 |
| Not reported according to material used (made in the meat-packing industry)..... | 84,058 | 90,020 | 108,174 | 5,287 | 9,102 | 16,522 |

See sec. 25, p. 13.

SHORTENINGS (OTHER THAN LARD), VEGETABLE COOKING OILS, AND SALAD OILS

[A preliminary report for this industry was issued on Oct. 22, 1934]

Description of the industry.—The establishments classified in this industry are engaged primarily in the manufacture of shortenings, vegetable cooking oils, salad oils, and other refined edible oils. Both animal and vegetable substances are used as materials. The secondary products include mayonnaise, salad dressing, soap stock, acid oil, solidified oil, lard, stearin, etc.

Extent of coverage.—All the establishments in this industry that reported at the census for 1931 were accounted for in the canvass for 1933.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employ-ees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manu-facture ³ |
|----------------------------------|--------------------------|--|---|-----------------------|-------|--|-------------------|--|
| | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 49 | 786 | 3,658 | 1,308 | 3,217 | 68,149 | 85,830 | 17,681 |
| 1931..... | 50 | (⁴) | 3,692 | (⁴) | 4,011 | 99,841 | 115,302 | 15,461 |
| 1929..... | 40 | 775 | 2,996 | 1,720 | 3,381 | 139,031 | 154,553 | 15,522 |
| 1927..... | 33 | 531 | 2,656 | 1,288 | 2,624 | 137,079 | 148,468 | 11,389 |
| <i>States</i> | | | | | | | | |
| <i>California:</i> | | | | | | | | |
| 1933..... | 6 | 105 | 464 | 167 | 507 | 7,469 | 9,769 | 2,300 |
| 1931..... | 5 | (⁴) | 285 | (⁴) | 418 | 6,194 | 7,336 | 1,143 |
| <i>Georgia:</i> | | | | | | | | |
| 1933..... | 4 | 67 | 396 | 119 | 251 | 6,066 | 8,041 | 1,975 |
| 1931..... | 5 | (⁴) | 402 | (⁴) | 267 | 11,381 | 12,442 | 1,061 |
| <i>Tennessee:</i> | | | | | | | | |
| 1933..... | 6 | 86 | 491 | 150 | 339 | 9,629 | 11,554 | 1,925 |
| 1931..... | 6 | (⁴) | 466 | (⁴) | 425 | 16,561 | 18,962 | 2,401 |
| <i>Texas:</i> | | | | | | | | |
| 1933..... | 8 | 95 | 378 | 168 | 261 | 6,741 | 7,991 | 1,249 |
| 1931..... | 8 | (⁴) | 305 | (⁴) | 316 | 10,786 | 13,185 | 2,399 |
| <i>Other States:⁵</i> | | | | | | | | |
| 1933..... | 25 | 433 | 1,929 | 763 | 1,859 | 38,244 | 48,476 | 10,232 |
| 1931..... | 26 | (⁴) | 2,234 | (⁴) | 2,586 | 54,920 | 63,376 | 8,456 |

¹ Not including proprietors and firm members, as follows: 1933, 2; 1931, no data; 1929, none; 1927, 4.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ No data.

⁵ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Ark., 1, 0; Fla., 2, 2; Ill., 2, 2; Ky., 1, 1; La., 3, 4; Mass., 0, 1; Mo., 1, 1; N. J., 3, 2; N. Y., 4, 7; N. C., 1, 1; Ohio, 2, 1; Pa., 1, 1; R. I., 1, 0; Va., 3, 3.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES, 1933, 1931, AND 1929

| | QUANTITY IN THOUSANDS OF POUNDS ¹ | | | VALUE IN THOUSANDS OF DOLLARS ¹ | | |
|--|---|-----------|-----------|---|---------|---------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| 1. "Shortenings (other than lard), vegetable cooking oils, and salad oils" industry, all products, total value..... | | | | 85,830 | 115,302 | 154,553 |
| 2. Shortenings (other than lard), vegetable cooking oils, and salad and other refined edible oils..... | | | | 75,591 | 111,213 | 146,850 |
| 3. Other products (not normally belonging to the industry)..... | | | | 10,238 | 4,089 | 7,703 |
| 4. Shortenings (other than lard), vegetable cooking oils, and salad oils made as secondary products in other industries..... | | | | 17,990 | 36,409 | 60,629 |
| Shortenings, vegetable cooking oils, and salad and other refined oils, aggregate value (2 and 4)..... | | | | 93,582 | 147,622 | 207,480 |
| Shortenings (other than lard), total..... | 959,478 | 1,207,858 | 1,256,837 | 60,780 | 108,180 | 147,661 |
| Made in the "Shortenings" industry, total..... | 700,183 | 833,291 | 832,354 | 44,992 | 73,807 | 98,341 |
| From vegetable oils solely..... | 552,920 | 600,173 | 658,471 | 36,092 | 53,873 | 78,167 |
| From animal and vegetable oils and fats..... | 147,263 | 233,118 | 173,883 | 8,900 | 19,934 | 20,174 |
| Made as secondary products in the meat-packing industry..... | 254,267 | 364,271 | 405,150 | 15,394 | 31,340 | 46,938 |
| Made as secondary products in other industries, total..... | 5,027 | 10,295 | 19,332 | 395 | 1,034 | 2,373 |
| From vegetable oils solely..... | 995 | 6,672 | (?) | 70 | 696 | ----- |
| From animal and vegetable oils and fats..... | 4,032 | 3,624 | (?) | 325 | 337 | ----- |
| Vegetable cooking oils, total..... | 196,819 | 110,946 | (?) | 11,185 | 7,685 | ----- |
| Made in "Shortenings" industry..... | 170,252 | 72,975 | (?) | 9,617 | 4,974 | ----- |
| Made as secondary products in the meat-packing and other industries..... | 26,567 | 37,971 | (?) | 1,568 | 2,711 | ----- |
| Salad oils, total..... | 198,048 | 233,113 | (?) | 12,628 | 17,527 | 59,828 |
| Made in "Shortenings" industry..... | 183,896 | 217,947 | (?) | 11,994 | 16,202 | ----- |
| Made as secondary products in other industries..... | 14,152 | 15,166 | (?) | 634 | 1,325 | ----- |
| Other refined edible oils (made in the "Shortenings" industry)..... | (?) | 265,005 | (?) | 8,983 | 16,230 | ----- |

¹ See sec. 25, p. 13.¹ No data.

THE SUGAR INDUSTRIES

CORN SIRUP, CORN SUGAR, CORN OIL, AND STARCH

Preliminary reports for these industries were issued as follows: Beet sugar and cane sugar, July 24, 1934; cane-sugar refining, Aug. 11; corn sirup, corn sugar, corn oil, and starch, July 27]

Description of the industries.—Establishments assigned to the beet-sugar industry are those engaged in the manufacture of sugar from sugar beets. The cane-sugar industry covers the manufacture of the various grades of sugar and of sirup and molasses from sugar cane, but does not cover the refining of purchased cane sugar, which is treated as a separate industry. Cane-sugar refining embraces establishments engaged in the refining of raw cane sugar, the greater part of which is imported. The cane-sugar refineries are located in or near the seaports through which the raw materials are imported. The corn sirup, corn sugar, corn oil, and starch industry covers the manufacture of corn sirup (glucose), corn sugar, corn oil, starch, and related products, such as corn-oil cake and meal, etc.

Periods covered by reports for beet- and cane-sugar industries.—The schedules used at the censuses for 1933 and 1931 called for data on the manufacture of sugar during the seasons 1933-34 and 1931-32 from beets or cane grown in the calendar years 1933 and 1931, respectively. At the censuses for 1929 and 1927 the schedules called for reports on the manufacture of sugar from beets or cane grown in 1928 and 1926, respectively.

Completeness of coverage.—All the establishments in these industries that reported at the census for 1931 were accounted for in the canvass for 1933.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employ-ees ¹ : | Wage earners (aver- age for the year) | Sal- aries ² | Wages | Cost of materials, contain- ers, fuel, and pur- chased electric energy | Value of products | Value added by manu- facture ³ |
|----------------------------------|--------------------------|--|---------------------------------------|-------------------------|--------|--|-------------------|---|
| | | | | | | | | |
| BEEF SUGAR | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 84 | 1,201 | 10,706 | 2,174 | 10,884 | 76,127 | 127,133 | 51,006 |
| 1931..... | 67 | (⁴) | 6,241 | (⁴) | 7,548 | 62,325 | 85,673 | 23,348 |
| 1929..... | 82 | 1,447 | 7,436 | 2,708 | 10,021 | 70,961 | 108,553 | 37,592 |
| 1927..... | 79 | 1,470 | 7,402 | 3,016 | 9,710 | 78,017 | 104,927 | 25,010 |
| <i>States</i> | | | | | | | | |
| California: | | | | | | | | |
| 1933..... | 6 | 105 | 1,548 | 205 | 1,701 | 12,752 | 21,758 | 9,006 |
| 1931..... | 6 | (⁴) | 811 | (⁴) | 1,207 | 10,319 | 13,406 | 3,087 |
| Michigan: | | | | | | | | |
| 1933..... | 15 | 142 | 1,650 | 177 | 1,668 | 9,642 | 14,901 | 5,250 |
| 1931..... | 6 | (⁴) | 533 | (⁴) | 651 | 4,542 | 6,765 | 2,223 |
| Montana: | | | | | | | | |
| 1933..... | 4 | 69 | 616 | 150 | 667 | 5,430 | 9,384 | 3,954 |
| 1931..... | 4 | (⁴) | 447 | (⁴) | 469 | 5,191 | 6,548 | 1,367 |
| Ohio: | | | | | | | | |
| 1933 ⁵ | 4 | 22 | 422 | 33 | 449 | 2,329 | 3,361 | 1,033 |
| Utah: | | | | | | | | |
| 1933..... | 9 | 99 | 1,323 | 164 | 1,040 | 5,689 | 10,377 | 4,688 |
| 1931..... | 8 | (⁴) | 403 | (⁴) | 469 | 3,796 | 6,229 | 2,433 |
| Other States:⁶ | | | | | | | | |
| 1933..... | 46 | 764 | 5,137 | 1,445 | 5,359 | 40,285 | 67,351 | 27,066 |
| 1931..... | 43 | (⁴) | 3,957 | (⁴) | 4,751 | 38,476 | 52,724 | 14,248 |
| CANE SUGAR | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 767 | 347 | 2,371 | 350 | 1,228 | 11,594 | 18,233 | 6,639 |
| 1931..... | 768 | (⁴) | 2,032 | (⁴) | 1,333 | 10,008 | 13,981 | 3,973 |
| 1929..... | 70 | 404 | 2,319 | 460 | 1,642 | 12,223 | 18,326 | 6,103 |
| 1927..... | 53 | 233 | 971 | 293 | 639 | 5,830 | 8,009 | 2,179 |
| CANE-SUGAR REFINING | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 19 | 1,291 | 11,495 | 2,903 | 12,237 | 281,536 | 337,075 | 55,539 |
| 1931..... | 19 | (⁴) | 11,855 | (⁴) | 15,547 | 335,933 | 395,303 | 59,370 |
| 1929..... | 21 | 1,743 | 13,912 | 4,560 | 17,850 | 438,399 | 507,339 | 68,990 |
| 1927..... | 21 | 1,746 | 13,996 | 4,646 | 17,707 | 551,594 | 597,446 | 45,861 |
| <i>States</i> | | | | | | | | |
| Louisiana: | | | | | | | | |
| 1933..... | 4 | 130 | 1,783 | 267 | 1,117 | 34,621 | 41,666 | 7,045 |
| 1931..... | 4 | (⁴) | 1,877 | (⁴) | 1,573 | 47,452 | 54,571 | 7,118 |
| New York: | | | | | | | | |
| 1933..... | 4 | 274 | 2,506 | 666 | 2,990 | 63,648 | 75,729 | 12,081 |
| 1931..... | 3 | (⁴) | 2,645 | (⁴) | 3,781 | 72,254 | 85,291 | 13,037 |
| Pennsylvania: | | | | | | | | |
| 1933..... | 3 | 204 | 1,710 | 395 | 1,948 | 46,137 | 54,515 | 8,378 |
| 1931..... | 3 | (⁴) | 1,676 | (⁴) | 2,574 | 54,956 | 64,571 | 9,615 |
| Other States:⁷ | | | | | | | | |
| 1933..... | 8 | 683 | 5,496 | 1,576 | 6,182 | 137,130 | 165,166 | 28,035 |
| 1931..... | 9 | (⁴) | 5,657 | (⁴) | 7,620 | 161,271 | 190,871 | 29,600 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ^{1 2} | Wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|---|-------------------------------------|-----------------------|--------|--|-------------------|---|
| | | | | | | | | |
| CORN SIRUP, CORN SUGAR, CORN OIL, AND STARCH | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 28 | 1,755 | 7,591 | 2,411 | 8,575 | 47,420 | 93,361 | 45,941 |
| 1931..... | 43 | (⁴) | 6,652 | (⁴) | 7,903 | 64,034 | 98,723 | 44,690 |
| 1929..... | 35 | 1,488 | 6,730 | 4,136 | 9,873 | 104,285 | 165,984 | 61,699 |
| 1927..... | 26 | 1,282 | 6,972 | 3,078 | 10,490 | 90,906 | 134,461 | 43,555 |
| <i>States</i> | | | | | | | | |
| Iowa: | | | | | | | | |
| 1933..... | 3 | 942 | 1,820 | 610 | 1,896 | 9,448 | 17,397 | 7,950 |
| 1931..... | 3 | (⁴) | 1,482 | (⁴) | 1,399 | 10,550 | 16,963 | 6,403 |
| Maine: | | | | | | | | |
| 1933..... | 10 | 5 | 23 | ⁴ | 16 | 92 | 248 | 155 |
| 1931..... | 24 | (⁴) | 43 | (⁴) | 43 | 157 | 408 | 261 |
| Other States: ⁵ | | | | | | | | |
| 1933..... | 15 | 808 | 5,748 | 1,797 | 6,663 | 37,880 | 75,716 | 37,837 |
| 1931..... | 16 | (⁴) | 5,127 | (⁴) | 6,521 | 43,327 | 81,362 | 38,035 |

¹ Not including proprietors and firm members, as follows: Beet sugar, none reported. Cane sugar—1933, 17; 1931, no data; 1929, 22; 1927, 21. Cane sugar refining—1933, 6; 1931, no data; 1929, 4; 1927, none. Corn sirup, corn sugar, corn oil, and starch—1933, 7; 1931, no data; 1929, 9; 1927, 3.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ No data.

⁵ Data for 1931 included in "Other States" items to avoid disclosing the figures for an individual establishment.

⁶ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Colorado, 18, 17; Idaho, 7, 5; Indiana, 1, 0; Iowa, 1, 1; Kansas, 1, 1; Minnesota, 2, 2; Nebraska, 7, 7; Ohio, (1931), 1; South Dakota, 1, 1; Washington, 1, 1; Wisconsin, 2, 2; Wyoming, 5, 5. Colorado is especially important in the industry.

⁷ For 1933 and 1931, respectively: Louisiana, 66, 67; Florida, 1, 1.

⁸ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: California, 2, 2; Georgia, 1, 1; Maryland, 1, 1; Massachusetts, 2, 2; New Jersey, 1, 1; Texas, 1, 2. California is very important in the industry.

⁹ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Illinois, 4, 4; Indiana, 2, 2; Massachusetts, 3, 3; Michigan, 1, 1; Missouri, 3, 3; Nebraska, 0, 1; New Jersey, 1, 1; Ohio, 1, 1. Illinois is more important in the industry than Iowa.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929

[See sec. 25, p. 13]

| | QUANTITY IN THOUSANDS OF SPECIFIED UNITS | | | VALUE IN THOUSANDS OF DOLLARS | | |
|--|---|---------|---------|----------------------------------|----------|----------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| BEEF SUGAR | | | | | | |
| Aggregate value..... | | | | 127, 133 | 85, 673 | 108, 553 |
| Sugar (tons, 2,000 pounds), total..... | 1, 626 | 1, 165 | 1, 086 | 121, 171 | 81, 812 | 100, 767 |
| Granulated..... | 1, 615 | 1, 156 | 1, 068 | 120, 812 | 81, 474 | 100, 249 |
| Unfinished..... | 11 | 9 | 18 | 360 | 338 | 518 |
| Molasses (tons, 2,000 pounds), total..... | 175 | 86 | 78 | 877 | 394 | 1, 159 |
| Discarded from desugarization process (exclusive of that used for molasses beet pulp)..... | 137 | 69 | 53 | 618 | 314 | 790 |
| Other, for purposes other than de- sugarization..... | 38 | 17 | 24 | 260 | 79 | 380 |
| Beet pulp (tons, 2,000 pounds), total..... | 2, 098 | 1, 376 | 1, 461 | 4, 219 | 2, 833 | 5, 231 |
| Dried pulp, exclusive of molasses pulp..... | 244 | 84 | 88 | 1, 837 | 984 | 2, 127 |
| Moist pulp..... | 1, 724 | 1, 207 | 1, 297 | 1, 865 | 1, 904 | 1, 124 |
| Molasses pulp..... | 130 | 85 | 76 | 1, 516 | 945 | 1, 970 |
| Other products..... | | | | 1, 865 | 1, 634 | 2, 138 |
| CANE SUGAR | | | | | | |
| Aggregate value..... | | | | 18, 233 | 13, 981 | 18, 326 |
| Sugar (tons, 2,000 pounds), total..... | 237 | 176 | 180 | 15, 281 | 11, 704 | 13, 750 |
| Granulated ³ | 66 | 26 | 28 | 4, 826 | 1, 968 | 2, 639 |
| Clarified ³ | 18 | 10 | 11 | 1, 254 | 730 | 832 |
| Raw..... | 153 | 141 | 142 | 9, 201 | 9, 007 | 10, 279 |
| Sirup (gallons) ⁴ | 3, 405 | 3, 551 | 4, 625 | 869 | 924 | 1, 341 |
| Molasses, other than blackstrap (gallons)..... | 8, 068 | 5, 095 | 7, 957 | 1, 045 | 761 | 1, 370 |
| Blackstrap molasses (gallons) ⁴ | 9, 643 | 10, 485 | 10, 874 | 507 | 405 | 1, 088 |
| Bagasse, for sale as such (tons, 2,000 pounds)..... | 272 | 44 | 134 | 453 | 158 | 684 |
| Other products..... | | | | 78 | 28 | 92 |
| CANE-SUGAR REFINING⁵ | | | | | | |
| Total value..... | | | | 337, 075 | 395, 303 | 507, 389 |
| Refinery products..... | | | | 337, 075 | 395, 151 | 507, 198 |
| Other products..... | | | | | 152 | 191 |
| Refined sugar, hard (tons, 2,000 pounds) ⁶ | 3, 663 | 4, 135 | 4, 795 | 313, 350 | 368, 575 | 473, 346 |
| Refined sugar, soft or brown (tons, 2,000 pounds) ⁶ | 275 | 295 | 321 | 21, 091 | 23, 624 | 29, 058 |
| Refiners' sirup, edible (gallons) ⁷ | 3, 692 | 3, 399 | 4, 320 | 559 | 720 | 920 |
| Refiners' blackstrap and nonedible sirup (gallons) ⁷ | 19, 609 | 20, 888 | 32, 169 | 842 | 1, 090 | 3, 044 |
| Other sugar products..... | | | | 1, 234 | 1, 141 | 830 |

For footnotes, see end of table.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929—Continued

[See sec. 25, p. 13]

| | QUANTITY | | | VALUE IN THOUSANDS OF DOLLARS | | |
|--|---------------------------|-------------------------|---------------------------|-------------------------------|--------|-------------------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| CORN SIRUP, CORN SUGAR, CORN OIL, AND STARCH | | | | | | |
| 1. "Corn sirup, corn sugar, corn oil, and starch" industry, all products, total value ¹ | | | | 93,361 | 98,723 | 165,984 |
| 2. Corn sirup, corn sugar, corn oil, starch, etc. | | | | 83,265 | 86,701 | 133,573 |
| 3. Other products | | | | 10,096 | 12,022 | 32,410 |
| 4. Corn sirup, corn sugar, corn oil, and starch made as secondary products in other industries | | | | 206 | 443 | 1,643 |
| Corn sirup, corn sugar, corn oil, starch, etc., aggregate (2 and 4) | | | | 83,471 | 87,144 | 135,216 |
| Corn sirup and mixtures of corn and other sirups, total ² | <i>M lb.</i> 1,066,363 | <i>M lb.</i> 980,237 | <i>M lb.</i> 1,165,183 | 24,308 | 25,763 | 40,552 |
| Corn sirup, unmixed | 764,064 | 781,185 | 924,615 | 14,305 | 16,126 | 27,951 |
| Mixtures of corn and other sirups | 301,400 | 199,052 | 240,568 | 10,003 | 9,637 | 12,602 |
| Corn sugar | 826,924 | 802,440 | 896,121 | 18,026 | 20,441 | 30,217 |
| Corn oil, total | 128,505 | 142,215 | 176,499 | 8,401 | 12,250 | 20,165 |
| Corn oil, crude | 68,965 | 68,537 | 89,557 | 2,364 | 3,668 | 7,172 |
| Corn oil, refined | 59,540 | 73,677 | 86,942 | 6,037 | 8,582 | 12,992 |
| Starch, total ¹⁰ | 1,030,343 | 794,964 | 1,123,451 | 29,556 | 25,603 | 42,830 |
| Corn | 985,026 | 756,549 | 1,046,435 | 27,988 | 23,877 | 39,285 |
| Potato | 9,283 | 15,599 | 14,540 | 248 | 408 | 492 |
| Other ¹¹ | 36,033 | 22,816 | 62,476 | 1,320 | 1,318 | 3,054 |
| Corn-oil cake and meal | 51,922 | 40,668 | 71,980 | 390 | 423 | 1,451 |
| Dextrine | 99,310 | 82,624 | (¹²) | 2,791 | 2,664 | (¹²) |

¹ Includes data for a small quantity of pressed beet pulp, the tonnage and value of which cannot be shown without disclosing the production of individual establishments.

² Includes value of molasses sold or transferred to other factories for desugarization, as follows: For 1933, \$732,423, value of 177,681 tons; for 1931, \$617,246, value of 153,429 tons; for 1929, \$1,369,075, value of 115,660 tons.

³ See footnote 6.

⁴ For production of refiners' sirup and blackstrap, see cane sugar refining section of table, below.

⁵ Covers production of refineries in continental United States only.

⁶ The combined production, in the cane sugar refining and cane sugar industries, of sugar intended for consumption without further refining was as follows: 1933, 4,022,453 tons, valued at \$340,520,371; 1931, 4,463,504 tons, \$394,896,522; 1929, 5,153,554 tons, \$505,375,368.

⁷ For production of sirups and blackstrap molasses in the cane sugar industry, see cane-sugar section of table.

⁸ The figures for this item include an indeterminate amount of duplication due to the fact that starch is made by certain establishments and sold to other establishments in the industry, which use it as a material in further manufacture.

⁹ This item covers production for sale by manufacturers of corn sirup and the figures do not include data for corn sirup made and consumed in the same plants nor for mixtures of corn and other sirups made from purchased materials by plants classified in certain other industries, particularly food preparations not elsewhere classified.

¹⁰ Part of this starch was sold to establishments within the industry for use as a material in the manufacture of other products.

¹¹ Wheat starch and starch processed or packed from purchased stock.

¹² Withheld from publication to avoid disclosing approximations of data for individual establishments.

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR SELECTED STATES: 1933 AND 1931

[The month of maximum employment is indicated by bold-faced figures and that of minimum employment by *italic* figures. See sec. 26, p. 13]

| | NUMBER REPORTED FOR— | | | | | | | | | | | |
|----------------------------|----------------------|--------------|--------------|------------|--------------|--------|---------------|--------|--------|--------------|--------------|---------------|
| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
| BEET SUGAR | | | | | | | | | | | | |
| <i>United States</i> | | | | | | | | | | | | |
| 1933..... | 4,757 | 2,870 | 2,857 | 3,477 | 4,239 | 4,467 | 5,166 | 7,853 | 10,377 | 29,394 | 29,358 | 23,657 |
| 1931..... | 2,985 | <i>1,845</i> | 1,992 | 2,174 | 2,444 | 2,806 | 3,277 | 4,638 | 5,700 | 16,867 | 16,306 | 11,858 |
| <i>States</i> | | | | | | | | | | | | |
| California: | | | | | | | | | | | | |
| 1933..... | <i>374</i> | 493 | 629 | 678 | 834 | 889 | 1,071 | 3,179 | 3,145 | 3,147 | 3,085 | 1,057 |
| 1931..... | <i>238</i> | 286 | 326 | 414 | 471 | 616 | 774 | 1,875 | 2,033 | 1,794 | 648 | 261 |
| Colorado: | | | | | | | | | | | | |
| 1933..... | 724 | 701 | 696 | <i>689</i> | 705 | 768 | 812 | 906 | 1,004 | 6,064 | 5,459 | 5,130 |
| 1931..... | 754 | <i>640</i> | 660 | 698 | 696 | 752 | 880 | 972 | 1,077 | 5,915 | 4,858 | 4,494 |
| Idaho: | | | | | | | | | | | | |
| 1933..... | 310 | <i>281</i> | 249 | 350 | 505 | 446 | 591 | 651 | 1,147 | 2,662 | 2,546 | 2,643 |
| 1931..... | 133 | <i>127</i> | 142 | 141 | 157 | 170 | 179 | 182 | 237 | 1,221 | 1,182 | 222 |
| Michigan: | | | | | | | | | | | | |
| 1933..... | 415 | <i>96</i> | 152 | 246 | 449 | 547 | 665 | 762 | 1,361 | 4,030 | 5,812 | 5,375 |
| 1931..... | 174 | 45 | 50 | <i>34</i> | 138 | 150 | 188 | 255 | 545 | 1,657 | 1,656 | 1,503 |
| Montana: | | | | | | | | | | | | |
| 1933..... | 222 | 192 | <i>188</i> | 191 | 252 | 244 | 305 | 361 | 759 | 1,671 | 1,505 | 1,505 |
| 1931..... | 557 | 106 | <i>97</i> | 124 | 125 | 133 | 151 | 168 | 304 | 1,395 | 1,240 | 961 |
| Ohio: | | | | | | | | | | | | |
| 1933 ¹ | 367 | 56 | <i>34</i> | 126 | 164 | 244 | 246 | 248 | 259 | 1,198 | 1,214 | 914 |
| Utah: | | | | | | | | | | | | |
| 1933..... | 981 | 594 | <i>541</i> | 557 | 643 | 613 | 661 | 833 | 1,247 | 3,444 | 3,199 | 2,763 |
| 1931..... | 173 | <i>157</i> | 192 | 177 | 202 | 253 | 250 | 262 | 282 | 1,543 | 1,696 | 732 |
| CANE-SUGAR REFINING | | | | | | | | | | | | |
| <i>United States</i> | | | | | | | | | | | | |
| 1933..... | 10,854 | 10,694 | 10,635 | 10,844 | 11,463 | 11,570 | 11,487 | 11,992 | 12,486 | 12,723 | 11,674 | 12,136 |
| 1931..... | 11,189 | 11,475 | 12,179 | 12,412 | 11,334 | 12,263 | 12,806 | 12,342 | 12,274 | 11,857 | 11,100 | <i>11,035</i> |
| <i>States</i> | | | | | | | | | | | | |
| Louisiana: | | | | | | | | | | | | |
| 1933..... | 1,538 | 1,728 | 1,592 | 1,699 | 2,004 | 2,102 | 1,826 | 2,007 | 1,908 | 1,603 | 1,561 | 2,033 |
| 1931..... | 1,489 | 1,731 | 2,189 | 2,211 | 1,633 | 2,142 | 2,281 | 1,945 | 1,896 | 1,910 | <i>1,359</i> | 1,741 |
| New York: | | | | | | | | | | | | |
| 1933..... | 2,335 | 2,276 | 2,286 | 2,336 | 2,425 | 2,420 | 2,489 | 2,498 | 2,601 | 2,858 | 2,809 | 2,744 |
| 1931..... | 2,570 | 2,580 | 2,604 | 2,722 | 2,693 | 2,693 | 2,857 | 2,742 | 2,644 | 2,634 | <i>2,438</i> | 2,569 |
| Pennsylvania: | | | | | | | | | | | | |
| 1933..... | 1,333 | 1,549 | 1,548 | 1,501 | 1,591 | 1,533 | 1,620 | 1,804 | 2,047 | 2,151 | 1,997 | 1,792 |
| 1931..... | 1,659 | 1,635 | 1,657 | 1,681 | <i>1,553</i> | 1,657 | 1,760 | 1,771 | 1,816 | 1,710 | 1,637 | 1,679 |

¹ The 1931 figures are withheld to avoid disclosing, exactly or approximately, any data for an individual establishment.

VINEGAR AND CIDER

Description of the industry.—This industry consists in the manufacture of vinegar and cider in factories, not including small custom mills nor those located on farms. A large part of the total output of vinegar and cider is, however, made as a secondary product by canning establishments, classified under the industry designation "Canned and dried fruits and vegetables; preserves, jellies, fruit butters, pickles, and sauces."

Extent of coverage.—The 1933 coverage of the establishments reporting in this industry for 1931 was practically complete. Of the 137 such establishments, only 5 failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, but these establishments accounted for less than 2 percent of the total number of wage earners and of the total value of products reported for this industry for 1931.

SUMMARY FOR THE UNITED STATES: 1927 TO 1933

| | Number of establishments | Number of salaried employees ¹ 2 | Number of wage earners (average for the year) | Salaries ³ | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|---|---|-----------------------|-------|--|-------------------|---|
| <i>Thousands of dollars.</i> (See sec. 25, p. 13) | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933----- | 121 | 165 | 844 | 280 | 724 | 3,943 | 8,631 | 2,687 |
| 1931----- | 137 | (⁶) | 848 | (⁶) | 885 | 4,249 | 7,506 | 3,257 |
| 1929----- | 172 | 283 | 979 | 630 | 1,022 | 6,016 | 10,450 | 4,484 |
| 1927----- | 158 | 315 | 1,123 | 686 | 1,236 | 5,858 | 10,755 | 4,897 |

¹ Not including proprietors and firm members, as follows: 1933, 57; 1931, no data; 1929, 105; 1927, 112.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ States included and numbers of establishments reporting for 1933 are: Alabama, 2; Arkansas, 4; California, 10; Connecticut, 2; Idaho, 3; Illinois, 6; Indiana, 1; Kansas, 3; Louisiana, 1; Maine, 2; Maryland, 1; Massachusetts, 8; Michigan, 8; Missouri, 6; New Jersey, 5; New York, 28; Ohio, 3; Oklahoma, 1; Oregon, 6; Pennsylvania, 5; Tennessee, 2; Texas, 4; Virginia, 4; Washington, 6; West Virginia, 1; Wisconsin, 1.

⁵ Includes \$874,569, value of commodities other than vinegar and cider made as secondary products by establishments in this industry, but does not include \$4,677,645, value of vinegar and cider made as secondary products in other industries, principally canning and preserving. The total value of vinegar and cider made in 1933, as reported to the Bureau of the Census, was: Vinegar, \$9,658,167; cider, \$975,417.

⁶ No data.

GROUP 2.—TEXTILES AND THEIR PRODUCTS

THE GROUP AS A WHOLE

[See p. 39]

This group of industries is divided into three subgroups, namely, (1) the textile-mill industries—that is, those in which are performed one or more of the processes included in the manufacture of the fabric, such as spinning cotton, silk, wool, or other fiber, weaving the fabric from yarn, dyeing and finishing yarn or fabric, and other preparatory and finishing processes; (2) industries in which the establishments cut or manufacture wearing apparel from purchased fabrics; (3) industries in which other articles, such as awnings, tents, bags, horse blankets, flags, regalia, badges, floor coverings, etc., are made from purchased fabrics. In making use of the figures for cost of materials and value of products for the group as a whole, it must be borne in mind that they include a considerable amount of duplication due to the fact that industries making wearing apparel or other articles from purchased fabrics (subgroups 2 and 3) use the products of the textile mills (subgroup 1) as their principal materials. Even within a single industry considerable duplication of this kind sometimes occurs.

The textile group occupies second place among the 16 groups of industries as ranked according to value of products, being outranked only by the "Food and kindred products" group. When the comparison is made on the basis of number of wage earners employed, however, the textile group is far in the lead of all others.

Changes in classification.—The following changes in classification were made at the Census for 1933:

Clothing (except work clothing), men's, youths', and boys', not elsewhere classified.—Children's play suits, windbreakers, lumberjacks, and oiled waterproof outer garments transferred from this industry to "Clothing, work (including work shirts), men's"; sheep-lined and blanket-lined coats transferred from "Clothing, work," etc., to this industry.

Clothing, work (including work shirts), men's, formerly "Clothing, work (including sheep-lined and blanket-lined coats but not including shirts), men's"—Sheep-lined and blanket-lined coats transferred from this industry to "Clothing (except work clothing), men's, youths' and boys'"; children's play suits, windbreakers, lumberjacks, and oiled waterproof outer garments transferred to this industry from "Clothing (except work clothing), men's," etc.

Furnishing goods, men's, not elsewhere classified.—Men's nightwear transferred from this industry to "Shirts (except work shirts) and nightwear, men's."

Shirts (except work shirts) and nightwear, men's (formerly "Shirts").—Work shirts transferred from this industry to "Clothing, work," etc., and men's nightwear transferred to this industry from "Furnishing goods, men's," etc.

SUMMARY FOR GROUP 2.—TEXTILES AND THEIR PRODUCTS: 1927 TO 1933

[See "Changes in classification," p. 132]

| INDUSTRY | Census year | Number of establishments | Wage earners (average for the year) | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ¹ |
|---|-------------|--------------------------|-------------------------------------|-----------------|--|-------------------|---|
| Aggregate for the group. | 1933 | 19,265 | 1,474,325 | \$1,017,300,860 | \$2,533,168,044 | \$4,811,237,757 | \$2,278,069,713 |
| | 1931 | 23,760 | 1,420,808 | 1,238,178,871 | 3,019,986,204 | 5,849,031,785 | 2,829,045,581 |
| | 1929 | 27,404 | 1,707,798 | 1,733,031,423 | 5,103,845,724 | 9,243,302,523 | 4,139,459,709 |
| | 1927 | 26,843 | 1,694,416 | 1,759,958,139 | 4,922,715,868 | 8,950,472,873 | 4,027,757,095 |
| | | | | | | | |
| Textile-mill products, total. | 1933 | 5,647 | 954,757 | 651,108,636 | 1,388,144,114 | 2,673,214,911 | 1,285,070,797 |
| | 1931 | 6,111 | 886,979 | 744,567,936 | 1,495,283,121 | 2,964,558,252 | 1,469,275,131 |
| | 1929 | 6,974 | 1,096,163 | 1,052,970,525 | 2,820,992,565 | 5,043,171,018 | 2,222,178,453 |
| | 1927 | 7,244 | 1,119,733 | 1,099,734,717 | 2,762,674,252 | 4,933,281,629 | 2,170,607,377 |
| | | | | | | | |
| Carpets and rugs, wool, other than rag. | 1933 | 54 | 21,296 | 18,185,793 | 30,081,940 | 71,424,584 | 41,392,644 |
| | 1931 | 61 | 22,903 | 24,109,373 | 38,876,490 | 88,204,169 | 49,327,679 |
| | 1929 | 67 | 32,623 | 40,014,207 | 86,650,892 | 176,915,364 | 90,264,472 |
| | 1927 | 65 | 32,829 | 42,040,802 | 85,601,835 | 166,888,408 | 81,280,573 |
| | | | | | | | |
| Cloth sponging and re-finishing. | 1933 | 44 | 683 | 1,187,833 | 85,379 | 2,855,268 | 2,769,889 |
| | 1931 | 45 | 576 | 1,107,286 | 81,385 | 2,447,260 | 2,365,875 |
| | 1929 | 46 | 902 | 1,457,104 | 88,340 | 3,361,221 | 3,272,881 |
| | 1927 | 52 | 736 | 1,502,111 | 160,779 | 3,457,938 | 3,297,159 |
| | | | | | | | |
| Cordage and twine..... | 1933 | 110 | 11,145 | 7,372,597 | 18,284,440 | 38,713,531 | 20,429,091 |
| | 1931 | 117 | 11,087 | 8,627,453 | 24,401,828 | 47,556,544 | 23,154,716 |
| | 1929 | 123 | 14,489 | 12,833,561 | 54,573,259 | 91,455,117 | 36,881,858 |
| | 1927 | 116 | 15,084 | 13,674,081 | 56,105,063 | 89,172,495 | 33,067,432 |
| | | | | | | | |
| Cotton goods..... | 1933 | 1,057 | 379,445 | 216,384,026 | 476,769,023 | 861,170,352 | 384,401,329 |
| | 1931 | 1,140 | 329,962 | 219,680,268 | 404,855,242 | 805,792,347 | 400,937,105 |
| | 1929 | 1,281 | 424,916 | 324,289,094 | 898,028,977 | 1,524,177,087 | 626,148,110 |
| | 1927 | 1,347 | 467,596 | 380,909,543 | 871,591,901 | 1,567,400,612 | 695,808,711 |
| | | | | | | | |
| Cotton small wares..... | 1933 | 172 | 13,237 | 10,059,195 | 17,558,417 | 38,889,836 | 21,331,419 |
| | 1931 | 174 | 12,826 | 11,617,293 | 19,692,940 | 41,991,066 | 22,298,066 |
| | 1929 | 202 | 15,281 | 15,449,435 | 33,636,208 | 65,169,753 | 31,533,545 |
| | 1927 | 220 | 14,958 | 15,333,332 | 32,222,020 | 64,819,965 | 32,597,945 |
| | | | | | | | |
| Dyeing and finishing tex-tiles. | 1933 | 626 | 60,309 | 58,422,564 | 142,801,922 | 278,942,037 | 136,140,115 |
| | 1931 | 666 | 67,603 | 70,576,922 | 161,098,704 | 322,186,539 | 161,087,835 |
| | 1929 | 732 | 79,327 | 94,244,685 | 235,712,156 | 465,820,629 | 230,108,473 |
| | 1927 | 743 | 73,851 | 91,697,219 | 210,680,900 | 406,047,372 | 195,366,472 |
| | | | | | | | |
| Felt goods, wool, hair, or jute. | 1933 | 51 | 5,048 | 4,981,417 | 12,285,075 | 27,582,589 | 15,297,514 |
| | 1931 | 53 | 4,430 | 5,072,279 | 12,917,948 | 28,191,889 | 15,273,941 |
| | 1929 | 54 | 5,540 | 7,531,298 | 26,223,967 | 45,465,823 | 19,241,856 |
| | 1927 | 50 | 5,452 | 6,653,147 | 23,289,338 | 41,894,844 | 18,605,506 |
| | | | | | | | |
| Flax and hemp, dressed ?.. | 1929 | 6 | 47 | 35,406 | 93,477 | 197,035 | 103,558 |
| | 1927 | 7 | 62 | 51,390 | 116,166 | 282,895 | 166,729 |
| | | | | | | | |
| Haireloth..... | 1933 | 9 | 603 | 480,610 | 1,326,086 | 2,382,350 | 1,056,264 |
| | 1931 | 13 | 400 | 417,044 | 1,394,994 | 2,424,932 | 1,029,938 |
| | 1929 | 13 | 450 | 526,669 | 2,550,563 | 3,855,388 | 1,304,825 |
| | 1927 | 16 | 385 | 480,045 | 2,688,784 | 3,616,119 | 927,335 |
| | | | | | | | |
| Hats, fur-felt..... | 1933 | 117 | 12,540 | 11,934,648 | 19,133,176 | 40,569,787 | 21,461,611 |
| | 1931 | 138 | 14,084 | 16,538,201 | 29,509,286 | 59,615,949 | 30,106,663 |
| | 1929 | 159 | 16,539 | 22,502,542 | 55,298,045 | 102,004,165 | 46,706,120 |
| | 1927 | 189 | 15,896 | 22,854,664 | 51,053,257 | 99,184,842 | 48,131,585 |
| | | | | | | | |
| Hats, wool-felt..... | 1933 | 9 | 1,631 | 1,264,277 | 1,838,027 | 4,369,185 | 2,531,158 |
| | 1931 | 9 | 1,543 | 1,389,835 | 2,282,502 | 5,431,803 | 3,149,301 |
| | 1929 | 14 | 2,028 | 2,314,680 | 4,678,189 | 9,055,590 | 4,377,401 |
| | 1927 | 12 | 2,113 | 2,190,031 | 4,489,717 | 8,806,616 | 4,316,899 |
| | | | | | | | |
| Jute goods..... | 1933 | 20 | 4,248 | 2,562,829 | 4,812,781 | 12,463,348 | 7,650,567 |
| | 1931 | 20 | 3,785 | 2,880,735 | 5,824,126 | 12,791,350 | 6,967,224 |
| | 1929 | 20 | 4,931 | 4,276,143 | 11,967,678 | 21,869,757 | 9,902,179 |
| | 1927 | 23 | 5,358 | 4,987,228 | 11,802,328 | 23,185,997 | 11,383,669 |
| | | | | | | | |

For footnotes, see end of table.

SUMMARY FOR GROUP 2.—TEXTILES AND THEIR PRODUCTS: 1927 TO 1933—Con.

[See "Changes in classification," p. 132]

| INDUSTRY | Census year | Number of establishments | Wage earners (average for the year) | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ¹ |
|--|-------------|--------------------------|-------------------------------------|---------------|--|-------------------|---|
| Knit goods..... | 1933 | 1,577 | 189,698 | \$132,029,916 | \$237,660,627 | \$498,349,514 | \$260,688,897 |
| | 1931 | 1,708 | 178,011 | 149,589,312 | 284,053,329 | 585,677,382 | 301,624,053 |
| | 1929 | 1,688 | 208,488 | 210,714,335 | 456,700,958 | 899,716,672 | 443,015,714 |
| | 1927 | 1,809 | 190,283 | 188,163,458 | 424,099,384 | 816,620,494 | 392,521,110 |
| | 1933 | 44 | 5,911 | 5,582,294 | 5,426,276 | 16,929,287 | 11,503,011 |
| Lace goods..... | 1931 | 42 | 6,048 | 6,289,084 | 6,122,512 | 19,162,272 | 13,039,700 |
| | 1929 | 42 | 6,854 | 7,670,122 | 10,112,353 | 29,237,434 | 19,126,081 |
| | 1927 | 43 | 6,482 | 7,584,848 | 11,392,379 | 27,298,159 | 15,905,780 |
| | 1933 | 12 | 1,598 | 1,155,742 | 2,216,304 | 4,369,540 | 2,163,236 |
| Linen goods..... | 1931 | 14 | 1,567 | 1,417,349 | 2,509,785 | 5,225,986 | 2,716,201 |
| | 1929 | 16 | 2,195 | 2,185,339 | 5,214,428 | 9,736,898 | 4,522,470 |
| | 1927 | 18 | 2,530 | 2,545,210 | 5,409,441 | 10,377,346 | 4,967,905 |
| | 1933 | 7 | 221 | 186,434 | 227,753 | 609,418 | 381,005 |
| Mats and matting, grass and coir, | 1931 | 6 | 311 | 287,981 | 297,357 | 874,875 | 577,518 |
| | 1929 | 7 | 467 | 439,802 | 634,951 | 1,692,200 | 1,007,249 |
| | 1927 | 7 | 422 | 398,426 | 668,856 | 1,536,567 | 807,711 |
| | 1933 | 1,087 | 110,322 | 74,110,095 | 143,611,431 | 290,577,662 | 146,960,231 |
| Silk and rayon goods..... | 1931 | 1,211 | 109,225 | 97,409,008 | 212,846,607 | 422,771,960 | 209,925,363 |
| | 1929 | 1,491 | 180,467 | 137,547,146 | 412,181,260 | 731,200,231 | 319,018,971 |
| | 1927 | 1,648 | 127,643 | 140,053,588 | 445,390,676 | 750,123,705 | 304,733,029 |
| | 1933 | 344 | 48,536 | 38,721,072 | 79,020,883 | 150,197,114 | 71,179,231 |
| Woolen goods..... | 1931 | 381 | 42,878 | 42,998,667 | 83,050,150 | 157,355,620 | 74,805,470 |
| | 1929 | 460 | 58,474 | 66,013,599 | 165,882,063 | 290,938,949 | 125,058,840 |
| | 1927 | 471 | 61,790 | 72,156,158 | 172,700,233 | 301,308,743 | 128,608,510 |
| | 1933 | 16 | 678 | 669,749 | 7,087,308 | 10,225,658 | 3,138,350 |
| Wool pulling..... | 1931 | 14 | 640 | 914,787 | 5,358,852 | 7,377,613 | 2,013,701 |
| | 1929 | 18 | 596 | 907,278 | 10,916,994 | 13,648,064 | 2,731,070 |
| | 1927 | 18 | 524 | 768,980 | 12,466,056 | 14,640,401 | 2,174,346 |
| | 1933 | 20 | 1,395 | 1,417,532 | 1,189,211 | 4,404,286 | 3,215,045 |
| Wool scouring..... | 1931 | 21 | 1,377 | 1,968,181 | 1,160,364 | 4,640,442 | 3,480,078 |
| | 1929 | 21 | 1,302 | 1,770,974 | 3,021,731 | 6,241,264 | 3,219,533 |
| | 1927 | 25 | 1,386 | 1,981,774 | 3,009,956 | 6,661,994 | 3,652,038 |
| | 1933 | 44 | 1,527 | 1,293,135 | 6,290,615 | 10,476,717 | 4,186,102 |
| Wool shoddy..... | 1931 | 40 | 1,069 | 1,122,443 | 3,331,792 | 5,951,796 | 2,620,004 |
| | 1929 | 50 | 1,762 | 2,109,374 | 10,126,717 | 15,344,978 | 5,218,291 |
| | 1927 | 55 | 1,679 | 1,916,195 | 7,980,875 | 12,596,726 | 4,615,851 |
| | 1933 | 227 | 78,691 | 63,166,878 | 180,482,440 | 307,682,878 | 127,200,438 |
| Worsted goods..... | 1931 | 240 | 76,659 | 74,584,435 | 195,616,928 | 338,886,518 | 143,269,800 |
| | 1929 | 264 | 88,485 | 98,137,732 | 336,649,459 | 536,087,399 | 199,417,940 |
| | 1927 | 288 | 92,571 | 101,665,747 | 329,407,609 | 516,669,556 | 187,261,947 |
| | 1933 | 10,642 | 462,857 | 322,813,436 | 940,902,322 | 1,797,548,293 | 856,645,971 |
| Wearing apparel made from purchased fabrics, total. | 1931 | 13,837 | 472,168 | 433,472,671 | 1,299,109,766 | 2,488,860,821 | 1,189,751,056 |
| | 1929 | 16,195 | 536,561 | 596,058,848 | 1,867,041,767 | 3,536,040,536 | 1,668,993,760 |
| | 1927 | 15,486 | 501,656 | 578,152,148 | 1,771,890,310 | 3,391,880,751 | 1,619,990,441 |
| | 1933 | 2,219 | 119,253 | 92,265,691 | 214,640,033 | 445,210,429 | 280,580,306 |
| Clothing (except work clothing), men's, youths, and boys, ⁴ not elsewhere classified. | 1931 | 2,945 | 121,964 | 115,040,997 | 263,675,472 | 551,416,393 | 237,740,921 |
| | 1929 | 3,691 | 149,868 | 179,768,808 | 440,504,979 | 901,104,205 | 460,599,220 |
| | 1927 | 3,662 | 146,099 | 184,613,090 | 447,244,635 | 932,131,718 | 484,937,083 |
| | 1933 | 17 | 238 | 146,275 | 26,748 | 264,782 | 233,034 |
| Clothing, men's, button-holes. | 1931 | 26 | 222 | 176,088 | 33,606 | 312,633 | 279,027 |
| | 1929 | 32 | 292 | 314,192 | 60,792 | 573,909 | 513,117 |
| | 1927 | 40 | 412 | 428,817 | 98,029 | 917,932 | 819,903 |
| | 1933 | 5,350 | 159,832 | 127,417,920 | 456,423,978 | 846,299,786 | 389,875,808 |
| Clothing, women's, not elsewhere classified. | 1931 | 7,046 | 173,890 | 189,187,417 | 704,258,591 | 1,292,252,855 | 587,994,264 |
| | 1929 | 8,082 | 187,500 | 243,851,143 | 934,413,683 | 1,709,580,505 | 775,166,822 |
| | 1927 | 7,588 | 164,459 | 211,349,759 | 809,520,125 | 1,494,401,044 | 684,880,919 |
| | 1933 | 558 | 55,281 | 26,071,489 | 82,469,021 | 135,335,943 | 52,866,922 |
| Clothing, work (including work shirts), men's ⁴ | 1933 | 558 | 55,281 | 26,071,489 | 82,469,021 | 135,335,943 | 52,866,922 |

For footnotes, see end of table.

SUMMARY FOR GROUP 2.—TEXTILES AND THEIR PRODUCTS: 1927 TO 1933—Con.

[See "Changes in classification," p. 132]

| INDUSTRY | Census year | Number of establishments | Wage earners (average for the year) | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ¹ |
|---|-------------|--------------------------|-------------------------------------|--------------|--|-------------------|---|
| Collars, men's----- | 1933 | 11 | 1, 213 | \$792, 920 | \$1, 601, 868 | \$3, 236, 465 | \$1, 634, 597 |
| | 1931 | 16 | 2, 048 | 1, 419, 142 | 2, 787, 806 | 6, 684, 424 | 3, 896, 618 |
| | 1929 | 15 | 2, 952 | 2, 263, 335 | 3, 630, 168 | 8, 740, 396 | 5, 110, 228 |
| | 1927 | 24 | 3, 270 | 2, 066, 938 | 5, 866, 677 | 13, 264, 207 | 7, 397, 530 |
| Corsets and allied garments | 1933 | 179 | 14, 017 | 9, 388, 285 | 29, 034, 650 | 58, 092, 444 | 29, 057, 794 |
| | 1931 | 204 | 13, 977 | 11, 495, 585 | 31, 693, 774 | 71, 922, 831 | 40, 229, 057 |
| | 1929 | 213 | 13, 664 | 12, 446, 334 | 36, 035, 079 | 76, 802, 199 | 40, 767, 120 |
| | 1927 | 222 | 13, 778 | 12, 402, 288 | 35, 394, 422 | 77, 218, 202 | 41, 823, 780 |
| Furnishing goods, men's, not elsewhere classified. ⁴ | 1933 | 363 | 16, 676 | 9, 520, 921 | 31, 423, 016 | 55, 669, 145 | 24, 236, 129 |
| Gloves and mittens, cloth or cloth and leather combined, made from purchased fabrics. | 1933 | 91 | 8, 586 | 3, 547, 475 | 8, 742, 536 | 16, 012, 044 | 7, 269, 508 |
| | 1931 | 106 | 7, 101 | 3, 319, 338 | 8, 912, 171 | 14, 539, 422 | 5, 627, 251 |
| | 1929 | 125 | 9, 279 | 5, 914, 275 | 19, 289, 234 | 29, 882, 958 | 10, 593, 724 |
| | 1927 | 131 | 10, 296 | 6, 669, 708 | 17, 392, 166 | 30, 202, 152 | 12, 809, 986 |
| Handkerchiefs----- | 1933 | 74 | 4, 701 | 2, 442, 126 | 8, 059, 908 | 14, 923, 566 | 6, 863, 658 |
| | 1931 | 88 | 4, 761 | 3, 221, 361 | 10, 255, 236 | 18, 797, 952 | 8, 542, 716 |
| | 1929 | 105 | 6, 014 | 4, 635, 901 | 16, 342, 735 | 29, 553, 777 | 13, 211, 042 |
| | 1927 | 115 | 6, 659 | 5, 264, 147 | 18, 205, 237 | 31, 588, 220 | 13, 382, 983 |
| Hats and caps, except felt and straw, men's. | 1933 | 299 | 4, 053 | 2, 968, 064 | 6, 181, 088 | 12, 658, 888 | 6, 477, 800 |
| | 1931 | 379 | 3, 459 | 3, 662, 259 | 8, 173, 207 | 16, 897, 181 | 8, 693, 774 |
| | 1929 | 576 | 5, 326 | 7, 694, 078 | 16, 907, 661 | 35, 900, 664 | 18, 993, 003 |
| | 1927 | 568 | 6, 300 | 9, 126, 438 | 20, 702, 296 | 41, 213, 965 | 20, 511, 669 |
| Millinery----- | 1933 | 834 | 22, 574 | 20, 312, 522 | 34, 646, 134 | 77, 346, 993 | 42, 700, 859 |
| | 1931 | 1, 134 | 26, 612 | 32, 565, 381 | 71, 795, 448 | 144, 575, 116 | 72, 779, 668 |
| | 1929 | 1, 293 | 32, 206 | 42, 715, 059 | 98, 089, 659 | 195, 693, 457 | 97, 603, 798 |
| | 1927 | 1, 148 | 33, 311 | 46, 787, 735 | 103, 489, 714 | 209, 494, 828 | 106, 005, 114 |
| Shirts (except work shirts) and nightwear, men's. ⁴ | 1933 | 585 | 53, 816 | 26, 112, 677 | 59, 657, 400 | 119, 716, 978 | 60, 059, 578 |
| Suspenders, garters, and other elastic woven goods, made from purchased webbing. | 1933 | 62 | 2, 617 | 1, 827, 062 | 7, 995, 942 | 12, 730, 830 | 4, 784, 888 |
| | 1931 | 71 | 3, 257 | 2, 442, 602 | 9, 995, 159 | 17, 165, 061 | 7, 169, 902 |
| | 1929 | 91 | 4, 341 | 3, 971, 030 | 17, 905, 748 | 30, 473, 169 | 12, 567, 421 |
| | 1927 | 91 | 4, 061 | 3, 529, 147 | 16, 259, 683 | 26, 985, 376 | 10, 725, 693 |
| Other articles made from purchased fabrics, total. | 1933 | 2, 976 | 56, 712 | 43, 378, 788 | 204, 121, 603 | 340, 474, 553 | 136, 352, 945 |
| | 1931 | 3, 802 | 61, 661 | 60, 138, 264 | 225, 593, 317 | 395, 612, 712 | 170, 019, 395 |
| | 1929 | 4, 235 | 75, 074 | 83, 402, 050 | 415, 811, 392 | 664, 090, 969 | 248, 279, 577 |
| | 1927 | 4, 113 | 73, 027 | 82, 071, 274 | 388, 151, 306 | 625, 310, 493 | 237, 159, 187 |
| Artificial leather----- | 1933 | 22 | 1, 952 | 1, 955, 361 | 8, 147, 582 | 13, 533, 691 | 5, 436, 109 |
| | 1931 | 21 | 1, 941 | 2, 477, 119 | 9, 082, 823 | 15, 195, 013 | 6, 112, 190 |
| | 1929 | 17 | 2, 590 | 3, 955, 702 | 22, 267, 938 | 32, 961, 252 | 10, 693, 314 |
| | 1927 | 19 | 2, 730 | 4, 006, 613 | 21, 827, 645 | 34, 228, 101 | 12, 400, 456 |
| Asphalted-felt-base floor covering. | 1933 | 13 | 2, 271 | 2, 546, 355 | 9, 563, 848 | *22, 714, 342 | 13, 150, 494 |
| | 1931 | 15 | 1, 946 | 2, 733, 899 | 9, 151, 350 | 19, 993, 093 | 10, 841, 743 |
| | 1929 | 14 | 2, 345 | 3, 501, 238 | 14, 278, 805 | 31, 888, 962 | 17, 610, 157 |
| | 1927 | 12 | 2, 442 | 3, 694, 808 | 16, 186, 459 | 34, 100, 585 | 17, 914, 126 |
| Awnings, tents, sails, and canvas covers. | 1933 | 751 | 4, 509 | 3, 972, 632 | 10, 582, 595 | 21, 411, 819 | 10, 829, 224 |
| | 1931 | 913 | 5, 351 | 6, 396, 999 | 15, 106, 155 | 31, 696, 821 | 16, 590, 666 |
| | 1929 | 1, 002 | 7, 182 | 8, 559, 321 | 25, 328, 140 | 49, 237, 576 | 23, 909, 436 |
| | 1927 | 963 | 6, 543 | 8, 220, 362 | 24, 409, 718 | 47, 929, 352 | 23, 519, 634 |
| Bags, other than paper, not made in textile mills. | 1933 | 169 | 10, 543 | 6, 977, 305 | 69, 536, 608 | 92, 114, 770 | 22, 578, 162 |
| | 1931 | 189 | 11, 985 | 9, 111, 300 | 79, 172, 558 | 104, 991, 009 | 25, 818, 451 |
| | 1929 | 202 | 11, 828 | 9, 644, 876 | 144, 275, 477 | 170, 175, 938 | 25, 900, 416 |
| | 1927 | 181 | 11, 164 | 9, 548, 317 | 136, 748, 406 | 162, 949, 837 | 26, 201, 431 |
| Belting, other than leather and rubber, not made in textile mills. | 1933 | 5 | 171 | 142, 925 | 537, 042 | 1, 016, 852 | 479, 810 |
| | 1931 | 8 | 198 | 180, 045 | 552, 675 | 1, 138, 267 | 585, 592 |
| | 1929 | 9 | 255 | 298, 910 | 1, 328, 090 | 2, 788, 627 | 1, 460, 537 |
| | 1927 | 11 | 343 | 410, 698 | 1, 489, 841 | 3, 211, 876 | 1, 722, 034 |

For footnotes, see end of table.

SUMMARY FOR GROUP 2.—TEXTILES AND THEIR PRODUCTS: 1927 TO 1933—Con.

[See "Changes in classification," p. 132]

| INDUSTRY | Census year | Number of establishments | Wage earners (average for the year) | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ¹ |
|--|-------------|--------------------------|-------------------------------------|------------|--|-------------------|---|
| Carpets and rugs, rag----- | 1933 | 26 | 677 | \$463,767 | \$609,025 | \$1,850,650 | \$1,241,025 |
| | 1931 | 51 | 1,003 | 917,950 | 1,026,264 | 3,332,260 | 2,305,996 |
| | 1929 | 94 | 1,529 | 1,562,372 | 1,658,937 | 5,510,763 | 3,851,831 |
| | 1927 | 110 | 1,633 | 1,677,572 | 1,636,371 | 5,890,265 | 4,253,894 |
| Embroideries----- | 1933 | 547 | 4,652 | 3,874,453 | 3,265,748 | 12,194,163 | 8,928,415 |
| | 1931 | 732 | 5,561 | 6,329,869 | 4,537,603 | 20,224,497 | 15,636,894 |
| | 1929 | 813 | 6,622 | 7,867,908 | 6,608,840 | 25,286,796 | 18,677,956 |
| | 1927 | 1,069 | 8,964 | 10,962,090 | 7,959,769 | 32,418,888 | 24,459,110 |
| Flags and banners----- | 1933 | 42 | 573 | 392,002 | 953,701 | 2,111,832 | 1,158,131 |
| | 1931 | 48 | 782 | 638,734 | 1,328,814 | 2,753,815 | 1,425,001 |
| | 1929 | 54 | 938 | 794,328 | 1,771,320 | 3,535,824 | 2,064,504 |
| | 1927 | 46 | 1,046 | 897,906 | 2,282,456 | 4,636,348 | 2,253,892 |
| Hat and cap materials, men's. | 1933 | 76 | 1,898 | 1,464,890 | 6,198,794 | 9,716,201 | 3,517,407 |
| | 1931 | 95 | 1,935 | 2,077,277 | 6,554,427 | 11,010,159 | 4,455,732 |
| | 1929 | 112 | 2,564 | 2,875,718 | 17,305,115 | 25,030,943 | 7,725,828 |
| | 1927 | 96 | 2,762 | 2,658,871 | 15,671,792 | 23,339,341 | 7,667,549 |
| Horse blankets, fly nets, and related products. | 1933 | 9 | 539 | 355,110 | 823,588 | 1,568,099 | 744,511 |
| | 1931 | 9 | 387 | 227,682 | 617,596 | 1,133,623 | 516,027 |
| | 1929 | 14 | 582 | 497,871 | 1,470,670 | 2,895,158 | 1,424,488 |
| | 1927 | 16 | 660 | 574,177 | 1,877,896 | 3,379,105 | 1,501,200 |
| House-furnishing goods not elsewhere classified and miscellaneous articles made of textiles. | 1933 | 708 | 14,677 | 9,787,042 | 55,690,180 | 84,722,519 | 29,032,330 |
| | 1931 | 914 | 14,195 | 12,047,174 | 52,021,733 | 86,821,080 | 34,709,347 |
| | 1929 | 964 | 15,794 | 16,150,499 | 76,624,989 | 127,602,002 | 50,977,013 |
| | 1927 | 548 | 11,691 | 10,947,259 | 52,704,736 | 87,676,606 | 34,971,870 |
| Linoleum----- | 1933 | 5 | 2,821 | 2,800,477 | 6,755,787 | *19,097,732 | 12,341,945 |
| | 1931 | 6 | 2,895 | 3,595,333 | 7,866,082 | 22,984,398 | 15,118,316 |
| | 1929 | 7 | 5,544 | 8,560,183 | 27,489,253 | 57,250,449 | 29,761,196 |
| | 1927 | 7 | 5,364 | 8,176,644 | 24,215,618 | 47,442,441 | 23,226,823 |
| Nets (fish) and seines----- | 1933 | 13 | 423 | 314,944 | 1,071,547 | 1,895,317 | 823,770 |
| | 1931 | 13 | 572 | 438,090 | 1,283,336 | 2,682,428 | 1,399,092 |
| | 1929 | 19 | 903 | 768,871 | 3,789,356 | 6,104,403 | 2,375,047 |
| | 1927 | 21 | 869 | 776,326 | 3,347,719 | 5,401,173 | 2,053,454 |
| Oilcloth----- | 1933 | 8 | 1,251 | 1,461,007 | 6,863,795 | 12,652,668 | 5,788,873 |
| | 1931 | 9 | 1,229 | 1,810,613 | 8,255,803 | 13,986,227 | 5,730,424 |
| | 1929 | 9 | 1,412 | 2,144,067 | 14,924,651 | 23,107,272 | 8,182,621 |
| | 1927 | 8 | 1,072 | 1,745,576 | 11,818,624 | 17,642,442 | 5,823,818 |
| Regalia, robes, vestments, and badges. | 1933 | 56 | 921 | 654,164 | 1,057,791 | 2,836,000 | 1,778,209 |
| | 1931 | 81 | 1,422 | 1,444,280 | 2,129,388 | 5,689,274 | 3,559,886 |
| | 1929 | 77 | 1,757 | 1,824,590 | 3,227,236 | 7,927,214 | 4,699,978 |
| | 1927 | 76 | 1,675 | 1,760,438 | 3,018,948 | 7,691,253 | 4,672,305 |
| Trimmings (not made in textile mills) and stamped art goods for embroidering. | 1933 | 365 | 5,113 | 4,074,635 | 11,922,353 | 23,120,135 | 11,197,782 |
| | 1931 | 520 | 6,212 | 6,853,011 | 13,829,844 | 30,308,421 | 16,484,577 |
| | 1929 | 639 | 7,934 | 9,761,881 | 20,783,226 | 45,179,933 | 24,396,707 |
| | | | | | | | |
| Upholstering materials not elsewhere classified. | 1933 | 37 | 685 | 454,932 | 1,654,491 | 3,100,063 | 1,445,572 |
| | 1931 | 46 | 899 | 810,249 | 2,859,691 | 5,328,827 | 2,469,136 |
| | 1929 | 53 | 1,410 | 1,317,371 | 7,046,334 | 11,234,192 | 4,187,858 |
| | 1927 | 39 | 1,080 | 1,162,456 | 6,556,109 | 9,672,806 | 3,116,697 |
| Waste, processed----- | 1933 | 124 | 3,036 | 1,686,487 | 8,887,133 | 14,767,700 | 5,880,567 |
| | 1931 | 132 | 3,153 | 2,048,640 | 10,223,175 | 16,345,500 | 6,120,325 |
| | 1929 | 136 | 3,905 | 3,316,344 | 25,638,015 | 36,013,705 | 10,380,690 |
| | 1927 | 118 | 3,494 | 2,852,971 | 23,049,369 | 33,377,276 | 10,327,883 |

¹ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.² Abandoned as a manufacturing industry at the census for 1931; considered a quasi-agricultural activity.³ Revised; revision not carried into total for subgroup or aggregate for group.⁴ Figures for 1931 and earlier years not strictly comparable with those for 1933. See "Changes in classification," p. 132.⁵ No comparable figures available for years prior to 1933. See "Changes in classification," p. 132.⁶ No comparable figures available for years prior to 1929.^{*} Total value of products, "Asphalted-felt-base floor covering" and "Linoleum" industries, \$41,812,074; Asphalted-felt-base, 101,275,047 sq. yds., \$26,723,040; linoleum, 15,569,567 sq. yds., \$12,401,523; other products, \$2,687,511.

BAGS, OTHER THAN PAPER, NOT MADE IN TEXTILE MILLS; DYEING AND FINISHING TEXTILES; HOUSE-FURNISHING GOODS NOT ELSEWHERE CLASSIFIED AND MISCELLA- NEOUS ARTICLES MADE OF TEXTILES

[Preliminary reports for these industries were issued on Oct. 29, 1934, and subsequent dates]

Description of the industries.—The principal products of the establishments classified in the "Bags, other than paper, not made in textile mills" industry are jute and canvas bags for mail, coal, cement, grain, flour, meal, money, etc.; bags for use by carpenters, newsboys, and fruit pickers; individual tea-service bags, etc. This industry does not include the manufacture of bags made and used by the same establishments as containers for flour, tobacco, cement, or other commodities of their own manufacture.

The "Dyeing and finishing textiles" classification is applied to establishments engaged primarily in such operations as bleaching, dyeing, mercerizing, printing, or otherwise converting yarn or cloth, without regard to the kind of fiber; in beaming or winding yarns; or in spooling thread (except winding and warping silk). The majority of the establishments classified in this industry specialize in this kind of work, which is usually performed on a contract or a commission basis, so that the "value of products" for the industry represents, in the main, the amount charged for performing the dyeing and finishing processes, and the cost of materials is made up chiefly of the cost of chemicals and dyestuffs. In some cases, however, the goods dyed or finished are purchased by the establishments which perform these final operations, and in such cases the cost of the fabric is included in the cost of materials and the value of the finished cloth in the value of products. A number of cotton, silk, woolen, and worsted mills carry on one or more of these subordinate processes in connection with the manufacture of textiles. These mills do not, however, make separate reports for their dyeing and finishing departments, and, therefore, the statistics for the industry as classified do not cover in full the dyeing and finishing of textiles.

The "House-furnishing goods not elsewhere classified and miscellaneous articles made of textiles" industry, as defined for census purposes, embraces establishments engaged primarily in the manufacture, from purchased materials, of house-furnishing goods not covered by special census classifications, such as portières and draperies, piano covers and scarfs, slip covers, cushions, hassocks, pillows, comfortables and quilts, mops, carpet sweepers, etc.; and of various textile goods not assigned to other industry classifications.

Extent of coverage.—In the "Bags, other than paper, not made in textile mills" industry the 1933 coverage of the establishments reporting for 1931 was practically complete. Of the 189 such establishments, 9 failed to supply any information in regard to their status

(active, idle, etc.) or their activities in 1933, but these establishments accounted for less than one-half of 1 percent of the total number of wage earners and of the total value of products reported for this industry for 1931.

The 1933 coverage of the establishments reporting in the "Dyeing and finishing textiles" industry for 1931 was nearly complete. Of the 666 such establishments, 46 failed to supply any information in regard to their status or their activities in 1933, but these establishments accounted for less than 2 percent of the total number of wage earners and of the total value of products reported for the industry for 1931.

As the result of a variety of causes beyond the Bureau's control, including the numerous industrial changes that were taking place during the period, the census coverage of the "House-furnishing goods not elsewhere classified and miscellaneous articles made of textiles" industry was somewhat incomplete. Of the 914 establishments in this industry that reported for 1931, 96 failed to supply any information for 1933, and these establishments accounted for about 5 percent of the total employment and 4 percent of the total value of products reported for the industry for 1931.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|--|--------------------------|---|---|-----------------------|-------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | |
| BAGS, OTHER THAN PAPER, NOT MADE IN TEXTILE MILLS | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 169 | 1,214 | 10,543 | 2,549 | 6,977 | 69,537 | 492,115 | 22,578 |
| 1931..... | 189 | (⁴) | 11,985 | (⁵) | 9,111 | 79,173 | 104,991 | 25,818 |
| 1929..... | 202 | 1,647 | 11,828 | 4,734 | 9,645 | 144,275 | 170,176 | 25,900 |
| 1927..... | 181 | 1,545 | 11,164 | 4,190 | 9,548 | 136,748 | 162,950 | 26,201 |
| <i>States</i> | | | | | | | | |
| California: | | | | | | | | |
| 1933..... | 8 | 89 | 631 | 209 | 506 | 5,258 | 7,104 | 1,846 |
| 1931..... | 7 | (⁵) | 449 | (⁵) | 464 | 3,834 | 4,937 | 1,053 |
| Georgia: | | | | | | | | |
| 1933..... | 6 | 88 | 630 | 185 | 323 | 3,556 | 4,310 | 754 |
| 1931..... | 7 | (⁵) | 1,758 | (⁵) | 1,210 | 6,552 | 9,225 | 2,672 |
| Illinois: | | | | | | | | |
| 1933..... | 16 | 41 | 382 | 78 | 266 | 2,832 | 3,708 | 876 |
| 1931..... | 18 | (⁵) | 365 | (⁵) | 299 | 2,789 | 3,571 | 782 |
| Kansas: | | | | | | | | |
| 1933..... | 3 | 21 | 142 | 42 | 111 | 958 | 1,356 | 398 |
| 1931..... | 3 | (⁵) | 140 | (⁵) | 106 | 1,339 | 1,693 | 353 |
| Louisiana: | | | | | | | | |
| 1933..... | 6 | 96 | 905 | 172 | 457 | 6,886 | 8,050 | 1,664 |
| 1931..... | 7 | (⁵) | 930 | (⁵) | 625 | 8,137 | 10,446 | 2,309 |
| Maryland: | | | | | | | | |
| 1933..... | 8 | 14 | 126 | 21 | 77 | 646 | 876 | 230 |
| 1931..... | 8 | (⁵) | 117 | (⁵) | 89 | 851 | 1,136 | 285 |
| Massachusetts: | | | | | | | | |
| 1933..... | 5 | 12 | 70 | 28 | 49 | 418 | 595 | 176 |
| 1931..... | 6 | (⁵) | 87 | (⁵) | 73 | 491 | 664 | 173 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employes 1 | Number of wage earners (average for the year) | Salaries 2 | Wages | Cost of materials, fuel, and purchased electric energy | Value of products | Value added by manufacture 3 |
|---|--------------------------|-------------------------------|---|------------|--------|--|-------------------|------------------------------|
| Thousands of dollars. (See sec. 25, p. 13) | | | | | | | | |
| BAGS, OTHER THAN PAPER, NOT MADE IN TEXTILE MILLS—CON. | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| Minnesota: | | | | | | | | |
| 1933..... | 4 | 58 | 443 | 140 | 313 | 3,384 | 4,611 | 1,228 |
| 1931..... | 5 | (*) | 434 | (*) | 382 | 4,471 | 5,810 | 1,338 |
| Missouri: | | | | | | | | |
| 1933..... | 15 | 183 | 1,265 | 475 | 868 | 7,072 | 10,191 | 3,119 |
| 1931..... | 14 | (*) | 1,333 | (*) | 1,104 | 10,428 | 13,493 | 3,066 |
| New Jersey: | | | | | | | | |
| 1933..... | 8 | 30 | 246 | 83 | 245 | 1,895 | 2,785 | 890 |
| 1931..... | 9 | (*) | 266 | (*) | 270 | 2,707 | 3,484 | 777 |
| New York: | | | | | | | | |
| 1933..... | 28 | 142 | 1,538 | 290 | 1,146 | 11,488 | 14,553 | 3,065 |
| 1931..... | 36 | (*) | 1,598 | (*) | 1,517 | 11,725 | 16,080 | 4,956 |
| Ohio: | | | | | | | | |
| 1933..... | 7 | 27 | 274 | 63 | 188 | 1,489 | 2,085 | 596 |
| 1931..... | 8 | (*) | 276 | (*) | 255 | 1,833 | 2,272 | 539 |
| Pennsylvania: | | | | | | | | |
| 1933..... | 9 | 32 | 248 | 89 | 191 | 2,086 | 2,604 | 518 |
| 1931..... | 11 | (*) | 254 | (*) | 212 | 2,111 | 2,790 | 680 |
| Tennessee: | | | | | | | | |
| 1933..... | 3 | 60 | 598 | 113 | 332 | 2,812 | 4,267 | 1,455 |
| 1931..... | 5 | (*) | 473 | (*) | 321 | 4,431 | 5,060 | 630 |
| Texas: | | | | | | | | |
| 1933..... | 8 | 79 | 876 | 153 | 452 | 6,050 | 7,488 | 1,438 |
| 1931..... | 8 | (*) | 730 | (*) | 480 | 5,168 | 6,875 | 1,707 |
| Virginia: | | | | | | | | |
| 1933..... | 8 | 48 | 527 | 83 | 309 | 3,583 | 4,431 | 849 |
| 1931..... | 8 | (*) | 388 | (*) | 247 | 2,450 | 3,153 | 704 |
| Other States: 4 | | | | | | | | |
| 1933..... | 27 | 194 | 1,644 | 324 | 1,142 | 9,625 | 13,101 | 3,476 |
| 1931..... | 29 | (*) | 2,387 | (*) | 1,457 | 9,806 | 13,601 | 3,795 |
| DYEING AND FINISHING TEXTILES | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 626 | 6,825 | 66,309 | 13,548 | 58,423 | 142,802 | 278,942 | 136,140 |
| 1931..... | 666 | (*) | 67,608 | (*) | 76,577 | 161,099 | 322,187 | 161,088 |
| 1929..... | 732 | 10,103 | 79,327 | 31,275 | 94,245 | 235,712 | 465,821 | 230,108 |
| 1927..... | 743 | 9,339 | 73,851 | 27,003 | 91,697 | 210,681 | 400,047 | 195,366 |
| <i>States</i> | | | | | | | | |
| California: | | | | | | | | |
| 1933..... | 15 | 30 | 170 | 64 | 178 | 462 | 1,002 | 541 |
| 1931..... | 12 | (*) | 129 | (*) | 171 | 485 | 869 | 384 |
| Connecticut: | | | | | | | | |
| 1933..... | 21 | 278 | 2,459 | 473 | 2,020 | 4,141 | 8,923 | 4,782 |
| 1931..... | 20 | (*) | 2,074 | (*) | 2,287 | 4,162 | 8,068 | 4,806 |
| Illinois: | | | | | | | | |
| 1933..... | 20 | 218 | 1,275 | 381 | 1,098 | 4,258 | 7,545 | 3,287 |
| 1931..... | 21 | (*) | 1,459 | (*) | 1,500 | 5,598 | 9,843 | 4,245 |
| Massachusetts: | | | | | | | | |
| 1933..... | 65 | 1,067 | 11,178 | 2,053 | 10,367 | 32,488 | 54,715 | 22,226 |
| 1931..... | 70 | (*) | 13,060 | (*) | 14,926 | 47,795 | 76,819 | 29,024 |
| Missouri: | | | | | | | | |
| 1933..... | 4 | 24 | 496 | 46 | 291 | 211 | 870 | 659 |
| 1931..... | 6 | (*) | 314 | (*) | 267 | 389 | 1,365 | 975 |
| New Jersey: | | | | | | | | |
| 1933..... | 143 | 1,596 | 18,219 | 3,478 | 16,640 | 25,583 | 57,898 | 32,314 |
| 1931..... | 135 | (*) | 19,624 | (*) | 24,101 | 34,001 | 82,234 | 48,233 |
| New York: | | | | | | | | |
| 1933..... | 105 | 679 | 5,725 | 1,292 | 5,132 | 9,507 | 20,391 | 10,884 |
| 1931..... | 142 | (*) | 6,270 | (*) | 7,400 | 12,807 | 27,397 | 14,591 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|--|--------------------------|---|---|-----------------------|--------|--|-------------------|---|
| <i>Thousands of dollars.</i> (See sec. 25, p. 13) | | | | | | | | |
| DYING AND FINISHING TEXTILES—continued | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| North Carolina: | | | | | | | | |
| 1933..... | 24 | 198 | 2,899 | 397 | 1,788 | 6,709 | 12,297 | 5,589 |
| 1931..... | 17 | (⁵) | 2,419 | (⁵) | 1,824 | 6,467 | 11,808 | 5,341 |
| Pennsylvania: | | | | | | | | |
| 1933..... | 112 | 700 | 6,077 | 1,696 | 5,466 | 12,699 | 26,379 | 13,079 |
| 1931..... | 120 | (⁵) | 6,315 | (⁵) | 7,255 | 15,779 | 31,317 | 15,537 |
| Rhode Island: | | | | | | | | |
| 1933..... | 56 | 1,147 | 8,158 | 2,305 | 7,631 | 15,758 | 33,659 | 17,002 |
| 1931..... | 55 | (⁵) | 8,146 | (⁵) | 9,772 | 15,375 | 36,596 | 21,221 |
| South Carolina: | | | | | | | | |
| 1933..... | 14 | 366 | 4,561 | 593 | 3,459 | 15,594 | 27,894 | 12,300 |
| 1931..... | 14 | (⁵) | 2,770 | (⁵) | 2,280 | 5,478 | 11,403 | 6,025 |
| Tennessee: | | | | | | | | |
| 1933..... | 7 | 74 | 1,190 | 124 | 821 | 4,755 | 7,374 | 2,620 |
| 1931..... | 6 | (⁵) | 828 | (⁵) | 695 | 4,654 | 7,045 | 2,301 |
| Wisconsin: | | | | | | | | |
| 1933..... | 4 | 4 | 20 | 7 | 10 | 38 | 70 | 32 |
| 1931..... | 4 | (⁵) | 21 | (⁵) | 20 | 35 | 72 | 37 |
| Other States: ⁷ | | | | | | | | |
| 1933..... | 36 | 444 | 3,882 | 640 | 3,520 | 10,599 | 19,925 | 9,326 |
| 1931..... | 44 | (⁵) | 4,174 | (⁵) | 4,078 | 8,074 | 16,451 | 8,377 |
| HOUSE-FURNISHING GOODS NOT ELSEWHERE CLASSIFIED AND MISCELLANEOUS ARTICLES MADE OF TEXTILES | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 708 | 1,681 | 14,677 | 2,341 | 9,787 | 55,690 | 84,723 | 20,032 |
| 1931..... | 914 | (⁵) | 14,195 | (⁵) | 12,047 | 52,022 | 86,821 | 34,799 |
| 1929..... | 964 | 2,730 | 15,794 | 7,580 | 16,150 | 76,625 | 127,602 | 50,977 |
| 1927..... | 548 | 1,825 | 11,691 | 4,788 | 10,947 | 52,705 | 87,677 | 34,972 |
| <i>States</i> | | | | | | | | |
| California: | | | | | | | | |
| 1933..... | 58 | 93 | 482 | 128 | 379 | 1,659 | 2,801 | 1,143 |
| 1931..... | 79 | (⁵) | 714 | (⁵) | 693 | 2,142 | 3,893 | 1,750 |
| Colorado: | | | | | | | | |
| 1933..... | 4 | 3 | 41 | 3 | 20 | 83 | 135 | 51 |
| 1931..... | 5 | (⁵) | 51 | (⁵) | 34 | 144 | 247 | 102 |
| Georgia: | | | | | | | | |
| 1933..... | 18 | 68 | 248 | 81 | 123 | 965 | 1,997 | 1,032 |
| 1931..... | 11 | (⁵) | 77 | (⁵) | 41 | 671 | 1,220 | 549 |
| Illinois: | | | | | | | | |
| 1933..... | 61 | 118 | 943 | 171 | 624 | 2,937 | 4,542 | 1,605 |
| 1931..... | 94 | (⁵) | 1,382 | (⁵) | 1,154 | 4,130 | 7,543 | 3,413 |
| Indiana: | | | | | | | | |
| 1933..... | 5 | 13 | 55 | 10 | 33 | 115 | 222 | 107 |
| 1931..... | 8 | (⁵) | 71 | (⁵) | 46 | 96 | 216 | 120 |
| Kentucky: | | | | | | | | |
| 1933..... | 6 | 17 | 108 | 24 | 119 | 334 | 708 | 369 |
| 1931..... | 5 | (⁵) | 102 | (⁵) | 77 | 327 | 648 | 321 |
| Maryland: | | | | | | | | |
| 1933..... | 8 | 17 | 197 | 22 | 104 | 496 | 777 | 282 |
| 1931..... | 9 | (⁵) | 144 | (⁵) | 94 | 378 | 644 | 266 |
| Massachusetts: | | | | | | | | |
| 1933..... | 82 | 156 | 2,023 | 217 | 1,220 | 7,584 | 10,735 | 3,151 |
| 1931..... | 98 | (⁵) | 1,815 | (⁵) | 1,283 | 6,846 | 10,167 | 3,321 |
| Michigan: | | | | | | | | |
| 1933..... | 15 | 56 | 366 | 86 | 308 | 669 | 1,680 | 1,010 |
| 1931..... | 17 | (⁵) | 498 | (⁵) | 420 | 965 | 2,365 | 1,400 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ^{1,2} | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|--|--------------------------|---|---|-----------------------|-------|--|-------------------|---|
| Thousands of dollars. (See sec. 25, p. 13) | | | | | | | | |
| HOUSE-FURNISHING GOODS NOT ELSEWHERE CLASSIFIED AND MISCELLANEOUS ARTICLES MADE OF TEXTILES—Contd. | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | |
| Minnesota: | | | | | | | | |
| 1933..... | 9 | 22 | 115 | 26 | 68 | 375 | 593 | 218 |
| 1931..... | 9 | (⁴) | 73 | (⁴) | 64 | 233 | 409 | 176 |
| Missouri: | | | | | | | | |
| 1933..... | 25 | 63 | 457 | 113 | 253 | 1,440 | 2,209 | 859 |
| 1931..... | 30 | (⁴) | 539 | (⁴) | 322 | 1,884 | 2,771 | 887 |
| New Jersey: | | | | | | | | |
| 1933..... | 19 | 75 | 686 | 129 | 380 | 1,655 | 3,253 | 1,598 |
| 1931..... | 20 | (⁴) | 664 | (⁴) | 452 | 1,816 | 3,071 | 1,255 |
| New York: | | | | | | | | |
| 1933..... | 277 | 574 | 4,368 | 767 | 3,177 | 20,635 | 30,880 | 10,245 |
| 1931..... | 372 | (⁴) | 5,012 | (⁴) | 5,042 | 23,184 | 38,222 | 15,038 |
| Ohio: | | | | | | | | |
| 1933..... | 25 | 101 | 525 | 150 | 339 | 1,474 | 2,572 | 1,098 |
| 1931..... | 31 | (⁴) | 424 | (⁴) | 354 | 1,253 | 2,309 | 1,056 |
| Pennsylvania: | | | | | | | | |
| 1933..... | 44 | 86 | 675 | 99 | 422 | 2,107 | 3,206 | 1,099 |
| 1931..... | 63 | (⁴) | 881 | (⁴) | 747 | 3,175 | 5,168 | 1,994 |
| Rhode Island: | | | | | | | | |
| 1933..... | 4 | 7 | 54 | 7 | 31 | 103 | 198 | 95 |
| 1931..... | 4 | (⁴) | 37 | (⁴) | 34 | 98 | 173 | 80 |
| Tennessee: | | | | | | | | |
| 1933..... | 4 | 12 | 130 | 16 | 73 | 108 | 262 | 153 |
| 1931..... | 5 | (⁴) | 210 | (⁴) | 101 | 215 | 522 | 307 |
| Texas: | | | | | | | | |
| 1933..... | 6 | 19 | 91 | 26 | 58 | 424 | 595 | 141 |
| 1931..... | 7 | (⁴) | 39 | (⁴) | 31 | 174 | 261 | 87 |
| Washington: | | | | | | | | |
| 1933..... | 7 | 7 | 54 | 13 | 30 | 157 | 259 | 102 |
| 1931..... | 10 | (⁴) | 48 | (⁴) | 49 | 142 | 260 | 118 |
| Other States: ⁵ | | | | | | | | |
| 1933..... | 31 | 174 | 3,062 | 252 | 2,015 | 12,369 | 17,044 | 4,676 |
| 1931..... | 37 | (⁴) | 1,414 | (⁴) | 1,006 | 4,154 | 6,707 | 2,553 |

¹ Not including proprietors and firm members, as follows: Bags, other than paper—1933, 77; 1931, no data; 1929, 103; 1927, 94. Dyeing and finishing textiles—1933, 153; 1931, no data; 1929, 217; 1927, 267. House-furnishing goods, etc., 1933, 377; 1931, no data; 1929, 639; 1927, 442.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ Includes values of miscellaneous products normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of bags, other than paper, as follows: 1933, \$2,834,272; 1931, \$3,094,700; 1929, \$3,633,512; 1927, \$1,933,037. Does not include values of bags, other than paper, made as secondary products by establishments classified in other industries, as follows: 1933, \$1,792,801; 1931, \$2,215,292; 1929, \$4,069,219; 1927, \$5,603,593. The amounts specified in the preceding sentence include the following values of bags reported by cotton mills as made from fabrics of their own weaving: 1933, \$1,107,265; 1931, \$727,883; 1929, \$2,031,568; 1927, \$3,271,207.

⁵ No data.

⁶ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Ala., 2,2; Conn., 2,2; Fla., 3,3; Ind., 2,4; Ky., 2,2; Mich., 2,2; Nebr., 1,1; N. C., 3,3; Oreg., 2,2; S. C., 2,2; Utah, 1,1; Wash., 2,2; Wis., 3,3.

⁷ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Ala., 1,1; Del., 1,1; Ga., 3,5; Ind., 3,5; Ky., 3,4; Maine, 1,1; Md., 4,3; Mich., 2,3; Minn., 1,1; Nebr., 2,2; N. H., 2,1; Ohio, 7,13; Tex., 1,1; Va., 4,2; W. Va., 1,1.

⁸ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Conn., 9,10; Iowa, 1,2; Kans., 0,1; La., 2,4; Maine, 1,0; N. H., 4,3; N. C., 2,0; Okla., 0,1; Oreg., 1,1; S. C., 1,0; Vt., 1,1; Va., 3,3; Wis., 6,11.

TABLE 2.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES: 1933 AND 1931

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8.) See sec. 26, p. 13.]

| | 1933 | | | | 1931 | | | |
|--|--------|--------|-----------|----------|------------------|------------------|------------------|------------------|
| | March | June | September | December | March | June | September | December |
| BAGS, OTHER THAN PAPER, NOT MADE IN TEXTILE MILLS | | | | | | | | |
| United States..... | 9,852 | 10,861 | 11,093 | 10,251 | 12,068 | 11,611 | 12,524 | 11,719 |
| <i>States</i> | | | | | | | | |
| California..... | 535 | 714 | 722 | 602 | 437 | 382 | 574 | 508 |
| Florida..... | 35 | 34 | 47 | 41 | 38 | 37 | 40 | 34 |
| Georgia..... | 652 | 596 | 672 | 613 | 1,793 | 1,823 | 1,701 | 1,723 |
| Illinois..... | 356 | 387 | 369 | 394 | 377 | 359 | 361 | 347 |
| Kansas..... | 145 | 140 | 146 | 145 | 144 | 134 | 142 | 137 |
| Louisiana..... | 848 | 914 | 971 | 827 | 947 | 927 | 971 | 815 |
| Maryland..... | 122 | 128 | 123 | 130 | 124 | 106 | 125 | 109 |
| Massachusetts..... | 68 | 60 | 69 | 79 | 98 | 75 | 95 | 79 |
| Minnesota..... | 440 | 441 | 462 | 435 | 444 | 432 | 423 | 420 |
| Missouri..... | 1,255 | 1,229 | 1,297 | 1,278 | 1,328 | 1,208 | 1,353 | 1,307 |
| New Jersey..... | 209 | 247 | 275 | 263 | 273 | 257 | 268 | 267 |
| New York..... | 1,456 | 1,500 | 1,596 | 1,593 | 1,563 | 1,533 | 1,646 | 1,679 |
| North Carolina..... | 239 | 301 | 305 | 313 | 719 | 534 | 944 | 819 |
| Ohio..... | 233 | 321 | 251 | 245 | 297 | 281 | 282 | 250 |
| Pennsylvania..... | 229 | 234 | 266 | 260 | 271 | 241 | 266 | 243 |
| Tennessee..... | 540 | 615 | 642 | 592 | 503 | 461 | 475 | 436 |
| Texas..... | 697 | 928 | 959 | 919 | 671 | 677 | 813 | 755 |
| Virginia..... | 503 | 597 | 523 | 437 | 365 | 423 | 430 | 402 |
| Wisconsin..... | 108 | 118 | 141 | 121 | 159 | 148 | 145 | 131 |
| DYEING AND FINISHING TEXTILES | | | | | | | | |
| United States..... | 59,918 | 65,379 | 68,866 | 70,745 | 72,800 | 66,213 | 66,823 | 63,295 |
| <i>States</i> | | | | | | | | |
| California..... | 143 | 161 | 189 | 193 | 122 | 128 | 143 | 127 |
| Connecticut..... | 2,229 | 2,379 | 2,695 | 2,463 | 2,155 | 2,100 | 2,066 | 1,937 |
| Georgia..... | 482 | 517 | 650 | 577 | 924 | 818 | 959 | 854 |
| Illinois..... | 1,260 | 1,302 | 1,310 | 1,230 | 1,473 | 1,423 | 1,497 | 1,416 |
| Indiana..... | 200 | 236 | 235 | 189 | 184 | 167 | 162 | 186 |
| Kentucky..... | 141 | 153 | 168 | 148 | 153 | 151 | 151 | 157 |
| Maryland..... | 45 | 59 | 47 | 49 | 42 | 45 | 42 | 43 |
| Massachusetts..... | 10,260 | 10,681 | 11,877 | 11,908 | 14,443 | 13,281 | 13,131 | 11,418 |
| Missouri..... | 490 | 490 | 510 | 498 | 347 | 336 | 285 | 270 |
| New Jersey..... | 17,114 | 18,092 | 17,295 | 20,857 | 22,024 | 18,703 | 18,551 | 18,249 |
| New York..... | 5,297 | 5,746 | 5,648 | 5,663 | 6,780 | 6,010 | 6,214 | 5,955 |
| North Carolina..... | 2,340 | 3,144 | 3,279 | 2,784 | 2,461 | 2,376 | 2,448 | 2,350 |
| Ohio..... | 141 | 243 | 304 | 224 | 542 | 564 | 563 | 510 |
| Pennsylvania..... | 5,206 | 5,837 | 6,391 | 6,221 | 6,520 | 6,183 | 6,440 | 6,030 |
| Rhode Island..... | 7,081 | 7,959 | 8,939 | 8,675 | 8,665 | 8,015 | 8,170 | 7,711 |
| South Carolina..... | 4,204 | 4,492 | 4,909 | 4,791 | 2,765 | 2,730 | 2,820 | 2,866 |
| Tennessee..... | 1,000 | 1,106 | 1,375 | 1,200 | 831 | 869 | 817 | 816 |
| Virginia..... | 156 | 172 | 277 | 257 | (²) | (²) | (²) | (²) |
| Wisconsin..... | 22 | 20 | 22 | 18 | 21 | 21 | 23 | 20 |
| HOUSE-FURNISHING GOODS NOT ELSEWHERE CLASSIFIED AND MISCELLANEOUS ARTICLES MADE OF TEXTILES | | | | | | | | |
| United States..... | 14,049 | 15,132 | 16,257 | 13,695 | 14,870 | 13,701 | 14,927 | 13,638 |
| <i>States</i> | | | | | | | | |
| California..... | 442 | 505 | 518 | 464 | 692 | 661 | 770 | 677 |
| Colorado..... | 43 | 49 | 46 | 42 | 73 | 56 | 46 | 41 |
| Connecticut..... | 1,201 | 1,171 | 1,331 | 805 | 966 | 1,006 | 1,016 | 990 |
| Georgia..... | 230 | 275 | 251 | 255 | 72 | 75 | 80 | 80 |
| Illinois..... | 812 | 1,033 | 1,061 | 827 | 1,471 | 1,430 | 1,424 | 1,214 |
| Indiana..... | 51 | 50 | 65 | 51 | 69 | 62 | 83 | 68 |
| Kentucky..... | 88 | 113 | 111 | 103 | 92 | 92 | 122 | 117 |
| Maryland..... | 191 | 232 | 205 | 144 | 146 | 141 | 145 | 150 |
| Massachusetts..... | 2,126 | 1,987 | 2,115 | 1,762 | 1,922 | 1,639 | 1,970 | 1,606 |
| Michigan..... | 285 | 391 | 433 | 433 | 617 | 510 | 483 | 476 |
| Minnesota..... | 103 | 126 | 127 | 104 | 70 | 77 | 75 | 63 |

For footnotes, see end of table.

TABLE 2.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES: 1933 AND 1931—Continued

[See note at head of table]

| | 1933 ¹ | | | | 1931 | | | |
|--|-------------------|--------|-----------|----------|--------|--------|-----------|----------|
| | March | June | September | December | March | June | September | December |
| HOUSE-FURNISHING GOODS NOT ELSEWHERE CLASSIFIED AND MISCELLANEOUS ARTICLES MADE OF TEXTILES—continued. | | | | | | | | |
| States—Continued | | | | | | | | |
| Missouri..... | 491 | 554 | 443 | 366 | 675 | 541 | 643 | 330 |
| New Hampshire..... | 186 | 129 | 134 | 153 | 58 | 59 | 62 | 48 |
| New Jersey..... | 645 | 748 | 750 | 598 | 727 | 649 | 638 | 642 |
| New York..... | 4, 037 | 4, 259 | 4, 928 | 4, 456 | 5, 252 | 4, 702 | 5, 267 | 5, 144 |
| Ohio..... | 465 | 631 | 598 | 480 | 456 | 441 | 394 | 396 |
| Pennsylvania..... | 688 | 780 | 734 | 555 | 855 | 855 | 971 | 960 |
| Rhode Island..... | 68 | 69 | 49 | 30 | 41 | 37 | 35 | 34 |
| Tennessee..... | 122 | 123 | 121 | 102 | 207 | 209 | 210 | 197 |
| Texas..... | 96 | 83 | 85 | 91 | 33 | 42 | 41 | 37 |
| Virginia..... | 415 | 452 | 501 | 504 | 47 | 59 | 67 | 72 |
| Washington..... | 42 | 48 | 36 | 43 | 44 | 56 | 60 | 48 |
| Wisconsin..... | 111 | 110 | 102 | 65 | 180 | 144 | 132 | 122 |

¹ See secs. 5, p. 4, and 13, p. 8. The establishments canvassed with the standard schedule reported wage earners, by months, as follows:

| | | | |
|--|---------|---------------|---------|
| <i>Bags, other than paper, etc.</i> Number of establishments reported on standard schedule 120. | | | |
| January..... | 9, 390 | May..... | 10, 148 |
| February..... | 9, 476 | June..... | 10, 442 |
| March..... | 9, 493 | July..... | 10, 792 |
| April..... | 9, 876 | August..... | 10, 880 |
| September..... | | November..... | 10, 218 |
| October..... | | December..... | 9, 822 |
| <i>Dyeing and finishing textiles.</i> Number of establishments reported on standard schedule, 387. | | | |
| January..... | 56, 270 | May..... | 57, 747 |
| February..... | 57, 257 | June..... | 60, 050 |
| March..... | 55, 374 | July..... | 64, 217 |
| April..... | 58, 703 | August..... | 67, 411 |
| September..... | | November..... | 62, 939 |
| October..... | | December..... | 61, 905 |
| <i>House-furnishing goods, etc.</i> Number of establishments reported on standard schedule, 627. | | | |
| January..... | 12, 297 | May..... | 13, 920 |
| February..... | 13, 083 | June..... | 14, 603 |
| March..... | 13, 501 | July..... | 15, 371 |
| April..... | 13, 535 | August..... | 15, 287 |
| September..... | | November..... | 15, 212 |
| October..... | | December..... | 14, 246 |
| | | | 13, 258 |

² Withheld to avoid disclosing data for individual establishments.

CARPETS AND RUGS, WOOL, OTHER THAN RAG

[A preliminary report for this industry was issued under date of June 9, 1934]

Description of the industry.—This industry classification covers the manufacture of carpets and rugs (not including those made of rags) in which wool is one of the principal materials used. Such carpets and rugs are usually made with jute, cotton, or linen backs. (The manufacture of rag carpets and rugs is classified as a separate industry under the designation "Carpets and rugs, rag"; and jute carpets and rugs are included among the products of the "Jute goods" industry.)

Extent of coverage.—The 1933 coverage of the establishments reporting in this industry for 1931 was practically complete. Of the 61 such establishments, only 1 failed to supply any information in regard to its status (active, idle, etc.) or its activities in 1933, and this establishment accounted for less than one-half of 1 percent of the total number of wage earners and of the total value of products reported for the industry for 1931.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|----------------------------------|--------------------------|---|---|-----------------------|--------|--|-------------------|---|
| | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 54 | 1,390 | 21,296 | 2,677 | 18,186 | 30,032 | 71,425 | 41,303 |
| 1931..... | 51 | (⁴) | 22,903 | (⁴) | 24,109 | 38,876 | 88,204 | 49,323 |
| 1929..... | 67 | 2,418 | 32,623 | 7,360 | 40,014 | 86,651 | 176,915 | 90,264 |
| 1927..... | 65 | 1,784 | 32,829 | 5,416 | 42,041 | 85,602 | 166,888 | 81,287 |
| <i>States</i> | | | | | | | | |
| <i>Massachusetts:</i> | | | | | | | | |
| 1933..... | 6 | 127 | 1,925 | 249 | 1,681 | 2,484 | 6,052 | 3,568 |
| 1931..... | 9 | (⁴) | 3,371 | (⁴) | 3,535 | 4,401 | 11,306 | 6,906 |
| <i>New York:</i> | | | | | | | | |
| 1933..... | 8 | 644 | 9,510 | 1,296 | 7,998 | 10,789 | 30,437 | 19,649 |
| 1931..... | 10 | (⁴) | 9,723 | (⁴) | 9,850 | 12,736 | 30,778 | 18,042 |
| <i>Pennsylvania:</i> | | | | | | | | |
| 1933..... | 25 | 376 | 4,303 | 691 | 4,147 | 9,963 | 18,012 | 8,040 |
| 1931..... | 28 | (⁴) | 4,825 | (⁴) | 5,660 | 12,270 | 23,378 | 11,107 |
| <i>Other States:⁵</i> | | | | | | | | |
| 1933..... | 15 | 243 | 5,559 | 441 | 4,360 | 6,796 | 16,924 | 10,127 |
| 1931..... | 14 | (⁴) | 4,984 | (⁴) | 5,074 | 9,470 | 22,743 | 13,273 |

¹ Not including proprietors and firm members, as follows: 1933, 8; 1931, no data; 1929, 10; 1927, 9.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ No data.

⁵ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Conn., 1, 1; Del., 1, 0; Ill., 1, 0; Ind., 1, 0; Minn., 0, 2; N. J., 8, 8; N. C., 1, 1; Wis., 2, 2.

TABLE 2.—PRODUCTS BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929

| | QUANTITY IN THOUSANDS OF SQUARE YARDS ¹ | | | VALUE IN THOUSANDS OF DOLLARS ¹ | | |
|--|--|--------|--------|--|--------|---------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| 1. Wool carpets and rugs industry, all products, total value..... | | | | 71,425 | 88,204 | 170,915 |
| 2. Wool carpets and rugs..... | | | | 69,407 | 86,361 | 174,098 |
| 3. Other products (not normally belonging to the industry) and receipts for contract work..... | | | | 2,017 | 1,843 | 2,847 |
| 4. Wool carpets and rugs made as secondary products in other industries, value..... | | | | 697 | 581 | 218 |
| Wool carpets and rugs, aggregate value (2 and 4)..... | 43,994 | 44,181 | 78,411 | 70,104 | 86,942 | 174,286 |
| Carpets, total..... | 14,053 | 13,395 | 27,385 | 21,815 | 25,732 | 61,788 |
| Axminster..... | 2,213 | 2,294 | 6,880 | 3,326 | 4,116 | 14,767 |
| Wilton..... | 1,317 | 2,000 | 4,210 | 3,175 | 6,233 | 16,704 |
| Tapestry velvet..... | 7,098 | 5,411 | 13,561 | 10,599 | 10,644 | 26,194 |
| Ingrain..... | 28 | 59 | 259 | 25 | 48 | 165 |
| Brussels (Jacquard)..... | 97 | | | 280 | | |
| Other..... | 3,299 | 3,631 | 2,486 | 4,409 | 4,690 | 3,899 |
| Rugs made of sewed strips, total..... | 2,143 | 1,338 | 3,720 | 4,385 | 4,007 | 14,410 |
| Wilton..... | 844 | 884 | 2,030 | 2,336 | 3,367 | 10,778 |
| Other than Wilton..... | 1,299 | 455 | 1,690 | 2,049 | 940 | 3,632 |
| Rugs woven whole, total..... | 27,797 | 29,448 | 42,306 | 43,004 | 57,208 | 98,089 |
| Sheen type, total..... | 1,655 | 2,455 | 1,822 | 6,001 | 12,707 | 14,558 |
| Wilton..... | 398 | 1,241 | 1,586 | 2,067 | 6,065 | 12,066 |
| Other than Wilton..... | 1,257 | 1,214 | 237 | 4,933 | 6,742 | 2,492 |
| Other than sheen type, total..... | 26,142 | 26,993 | 40,484 | 37,003 | 44,496 | 83,531 |
| Axminster..... | 19,117 | 18,565 | 20,654 | 28,488 | 31,153 | 44,203 |
| Wilton..... | 1,124 | 1,146 | 3,437 | 3,182 | 4,237 | 13,880 |
| Tapestry velvet..... | 1,829 | 3,083 | 7,536 | 2,616 | 4,544 | 14,024 |
| Tapestry Brussels..... | 590 | 778 | 3,453 | 474 | 573 | 3,520 |
| Chenille..... | 125 | 245 | 546 | 401 | 1,119 | 3,394 |
| Wool and paper fiber, mixed..... | 443 | 694 | 990 | 259 | 520 | 870 |
| Other..... | 2,914 | 2,501 | 3,867 | 1,687 | 2,350 | 3,674 |

¹ See sec. 25, p. 13.

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR SELECTED STATES: 1933 AND 1931

[For average for the year, see table 1. The month of maximum employment is indicated by **bold-faced** figures and that of minimum employment by *italic* figures. See sec. 13, p. 8]

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|----------------------|--------------|--------------|---------------|--------------|---------------|--------|--------|---------------|--------------|---------------|--------|---------------|
| <i>United States</i> | | | | | | | | | | | | |
| 1933..... | 17,185 | 17,248 | 15,617 | 16,807 | 17,958 | 20,489 | 23,217 | 24,476 | 25,580 | 27,031 | 25,676 | 24,266 |
| 1931..... | 21,489 | 23,010 | 23,881 | 24,282 | 24,904 | 24,212 | 23,310 | 23,140 | 22,388 | 22,670 | 21,442 | <i>20,105</i> |
| <i>States</i> | | | | | | | | | | | | |
| Massachusetts: | | | | | | | | | | | | |
| 1933..... | 2,089 | 1,979 | <i>1,606</i> | 1,721 | 1,651 | 1,890 | 2,092 | 1,984 | 2,129 | 2,175 | 1,982 | 1,789 |
| 1931..... | 3,680 | 3,715 | 3,779 | 3,826 | 3,831 | 3,763 | 2,957 | 3,025 | 2,958 | 3,056 | 2,995 | <i>2,883</i> |
| New Jersey: | | | | | | | | | | | | |
| 1933..... | 1,887 | 1,870 | 1,852 | <i>1,768</i> | 1,812 | 1,914 | 1,940 | 2,046 | 2,190 | 2,117 | 2,138 | 2,056 |
| 1931..... | 1,843 | <i>1,818</i> | 2,108 | 2,106 | 2,183 | 2,189 | 2,180 | 2,123 | 2,193 | 2,267 | 2,197 | 2,070 |
| New York: | | | | | | | | | | | | |
| 1933..... | 6,909 | 6,900 | <i>5,818</i> | 6,876 | 7,598 | 8,998 | 10,425 | 11,157 | 11,790 | 12,931 | 12,521 | 12,174 |
| 1931..... | 9,073 | 10,209 | 10,064 | 10,175 | 10,444 | 10,168 | 10,523 | 10,539 | 9,604 | 9,336 | 8,564 | <i>7,926</i> |
| Pennsylvania: | | | | | | | | | | | | |
| 1933..... | 3,433 | 3,488 | 3,395 | <i>3,302</i> | 3,730 | 4,249 | 4,845 | 5,255 | 5,342 | 5,510 | 4,743 | 4,281 |
| 1931..... | <i>3,326</i> | 4,201 | 4,808 | 5,074 | 5,498 | 5,351 | 4,078 | 4,842 | 4,947 | 5,290 | 4,776 | 4,309 |

CORDAGE AND TWINE; JUTE GOODS; LINEN GOODS

[A preliminary report for these industries was issued under date of November 10, 1934]

Description of the industries.—The industry designation "Cordage and twine" covers all establishments engaged primarily in the manufacture of rope, cable, cordage, binder twine, and other twine from textile materials, such as cotton, jute, flax, and hemp, and from paper.

The "Jute goods" industry consists in the manufacture of bagging, other woven fabrics, and yarns, in which jute is the principal material.

The classification "Linen goods" is applied to establishments whose products of chief value are threads, yarns, or fabrics made wholly or principally from flax.

Manufacture of binder twine in penal institutions.—Considerable quantities of binder twine are manufactured in penal institutions, which, for census purposes, are not treated as manufacturing establishments. Special canvasses of penal institutions have been made, however, in order to ascertain their production of binder twine. (See footnote 4, table 2.)

Extent of coverage.—All the establishments in the linen-goods and jute-goods industries that reported at the census for 1931 were accounted for in the canvass for 1933, and the coverage of the cordage and twine industry was substantially complete. Although four establishments in the last-named industry that had reported for 1931 failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, these establishments accounted for less than one-half of 1 percent of the total number of wage earners and of the total value of products reported for the industry for 1931.

TABLE I.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

| | Number of establishments | Number of salaried employes ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|--|--------------------------|--|---|-----------------------|--------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13).</i> | | | | | | | | |
| THE GROUP AS A WHOLE | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 142 | 1,333 | 16,986 | 2,461 | 11,091 | 25,314 | 55,540 | 30,233 |
| 1931..... | 151 | (⁴) | 16,439 | (⁴) | 12,026 | 32,730 | 65,574 | 32,838 |
| 1929..... | 159 | 2,018 | 21,615 | 5,565 | 19,295 | 71,755 | 123,062 | 51,307 |
| 1927..... | 157 | 2,022 | 22,972 | 5,559 | 21,207 | 73,317 | 122,730 | 49,419 |
| CORDAGE AND TWINE | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 110 | 935 | 11,145 | 1,777 | 7,373 | 18,284 | 38,714 | 20,429 |
| 1931..... | 117 | (⁴) | 11,087 | (⁴) | 8,027 | 24,402 | 47,557 | 23,155 |
| 1929..... | 123 | 1,409 | 14,489 | 3,996 | 12,834 | 54,573 | 91,455 | 36,882 |
| 1927..... | 116 | 1,405 | 15,084 | 3,856 | 13,074 | 56,105 | 89,172 | 33,067 |
| <i>States⁵</i> | | | | | | | | |
| <i>Alabama:</i> | | | | | | | | |
| 1933..... | 5 | 44 | 993 | 82 | 548 | 1,323 | 2,600 | 1,278 |
| 1931..... | 4 | (⁴) | 742 | (⁴) | 417 | 939 | 1,879 | 940 |
| <i>Connecticut:</i> | | | | | | | | |
| 1933..... | 12 | 29 | 205 | 46 | 135 | 297 | 644 | 347 |
| 1931..... | 13 | (⁴) | 268 | (⁴) | 106 | 486 | 898 | 412 |
| <i>Georgia:</i> | | | | | | | | |
| 1933..... | 5 | 14 | 361 | 23 | 151 | 605 | 1,088 | 423 |
| 1931..... | 4 | (⁴) | 192 | (⁴) | 115 | 517 | 877 | 360 |
| <i>Kentucky:</i> | | | | | | | | |
| 1933..... | 4 | 17 | 472 | 24 | 203 | 505 | 1,123 | 558 |
| 1931..... | 5 | (⁴) | 470 | (⁴) | 281 | 623 | 1,161 | 538 |
| <i>Massachusetts:</i> | | | | | | | | |
| 1933..... | 12 | 207 | 1,198 | 444 | 984 | 2,240 | 5,531 | 3,291 |
| 1931..... | 13 | (⁴) | 1,513 | (⁴) | 1,507 | 4,990 | 9,233 | 4,243 |
| <i>New Jersey:</i> | | | | | | | | |
| 1933..... | 6 | 103 | 606 | 222 | 511 | 1,248 | 2,508 | 1,260 |
| 1931..... | 7 | (⁴) | 573 | (⁴) | 688 | 1,843 | 3,590 | 1,746 |
| <i>New York:</i> | | | | | | | | |
| 1933..... | 12 | 202 | 1,575 | 348 | 1,302 | 2,851 | 6,555 | 3,704 |
| 1931..... | 16 | (⁴) | 1,894 | (⁴) | 1,693 | 3,910 | 8,007 | 4,697 |
| <i>North Carolina:</i> | | | | | | | | |
| 1933..... | 11 | 59 | 1,615 | 85 | 706 | 2,341 | 4,147 | 1,806 |
| 1931..... | 11 | (⁴) | 1,339 | (⁴) | 604 | 2,066 | 3,564 | 1,498 |
| <i>Ohio:</i> | | | | | | | | |
| 1933..... | 5 | 43 | 643 | 70 | 423 | 1,121 | 2,392 | 1,271 |
| 1931..... | 6 | (⁴) | 825 | (⁴) | 431 | 1,306 | 2,710 | 1,411 |
| <i>Pennsylvania:</i> | | | | | | | | |
| 1933..... | 8 | 72 | 1,213 | 141 | 740 | 1,408 | 3,120 | 1,711 |
| 1931..... | 8 | (⁴) | 1,264 | (⁴) | 1,032 | 1,953 | 3,796 | 1,843 |
| <i>Rhode Island:</i> | | | | | | | | |
| 1933..... | 4 | 6 | 87 | 7 | 58 | 117 | 276 | 159 |
| 1931..... | 4 | (⁴) | 113 | (⁴) | 35 | 174 | 361 | 186 |
| <i>Washington:</i> | | | | | | | | |
| 1933..... | 4 | 12 | 56 | 19 | 41 | 117 | 271 | 155 |
| <i>Other States:⁶</i> | | | | | | | | |
| 1933..... | 22 | 127 | 2,121 | 260 | 1,500 | 3,991 | 8,457 | 4,466 |
| 1931..... | 26 | (⁴) | 1,895 | (⁴) | 1,578 | 5,595 | 10,873 | 5,278 |
| JUTE GOODS | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 20 | 298 | 4,248 | 530 | 2,563 | 4,813 | 12,463 | 7,651 |
| 1931..... | 20 | (⁴) | 3,785 | (⁴) | 2,881 | 5,824 | 12,791 | 6,967 |
| 1929..... | 20 | 394 | 4,931 | 1,033 | 4,276 | 11,968 | 21,870 | 9,902 |
| 1927..... | 23 | 406 | 5,358 | 1,066 | 4,987 | 11,802 | 23,186 | 11,384 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES 1933 AND 1931—Continued

| | Number of establishments | Number of salaried employ-ees ^{1 2} | Number of wage earners (average for the year) | Sala-ries ² | Wages | Cost of materi-als, fuel, and pur-chased electric energy | Value of prod-ucts | Value added by manu-facture ³ |
|-----------------------------|--------------------------|--|---|------------------------|-------|--|--------------------|--|
| | | | | | | | | |
| JUTE GOODS—continued | | | | | | | | |
| <i>States⁵</i> | | | | | | | | |
| Georgia: | | | | | | | | |
| 1933 ⁶ ----- | 3 | 12 | 348 | 19 | 109 | 266 | 584 | 318 |
| Pennsylvania: | | | | | | | | |
| 1933----- | 4 | 28 | 610 | 49 | 424 | 894 | 2,470 | 1,577 |
| 1931----- | 5 | (⁴) | 573 | (⁴) | 454 | 1,296 | 2,613 | 1,316 |
| Virginia: | | | | | | | | |
| 1933 ⁶ ----- | 3 | 3 | 157 | 6 | 58 | 161 | 292 | 131 |
| Other States: ⁸ | | | | | | | | |
| 1933----- | 10 | 255 | 3,133 | 456 | 1,971 | 3,492 | 9,117 | 5,025 |
| 1931----- | 15 | (⁴) | 3,212 | (⁴) | 2,427 | 4,528 | 10,179 | 5,651 |
| LINEN GOODS | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933----- | 12 | 100 | 1,593 | 155 | 1,156 | 2,216 | 4,370 | 2,153 |
| 1931----- | 14 | (⁴) | 1,567 | (⁴) | 1,417 | 2,510 | 5,226 | 2,716 |
| 1929----- | 16 | 215 | 2,195 | 536 | 2,185 | 5,214 | 9,737 | 4,522 |
| 1927----- | 18 | 211 | 2,530 | 617 | 2,545 | 5,409 | 10,377 | 4,968 |

¹ Not including proprietors and firm members, as follows: Cordage and twine—1933, 13; 1931, no data; 1929, 17; 1927, 19. Jute goods—1933, 2; 1931, no data; 1929, 5; 1927, 8. Linen goods—none reported.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ No data.

⁵ See sec. 26, p. 13.

⁶ Figures for 1931 withheld to avoid disclosing data for individual establishments; included in items for "Other States."

⁷ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Ark. 1, 1; Calif., 2, 4; Del. 1, 1; Ill. 2, 2; Ind., 1, 1; La., 2, 1; Maine, 1, 0; Mich., 3, 3; Minn., 0, 1; Mo., 1, 1; N. H., 1, 0; Oreg., 1, 1; S. C., 2, 2; Tenn., 2, 2; Tex., 1, 2; Wash. (1931), 3; Wis., 1, 1.

⁸ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Conn., 1, 1; Ga. (1931), 2; Ill., 0, 1; La., 1, 0; Mass., 1, 1; Mich., 0, 1; N. H., 1, 1; N. J., 1, 1; N. Y., 1, 2; N. C., 2, 2; Ohio, 0, 1; S. C., 1, 1; Tex., 1, 0; Va. (1931), 1; Massachusetts is especially important in the industry.

⁹ Conn., 1; Mass., 3; Minn., 1; N. H., 1; N. J., 2; N. Y., 2; Oreg., 1; Pa., 1.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929

| | QUANTITY ¹ | | | VALUE IN THOUSANDS OF DOLLARS ¹ | | |
|---|-----------------------|----------------------|----------------------|--|---------------------|---------------------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| 1. "Cordage and twine," "Jute goods," and "Linen goods" industries, all products, total value..... | | | | 55,546 | 65,574 | 123,082 |
| 2. Cordage and twine, jute goods, and linen goods..... | | | | 53,415 | 62,286 | 118,371 |
| 3. Other products (not normally belonging to the industries)..... | | | | 2,132 | 3,287 | 4,691 |
| 4. Cordage and twine, jute goods, and linen goods, made as secondary products in other industries, value..... | | | | 7,958 | ² 4,835 | 17,619 |
| Cordage and twine, jute goods, and linen goods, aggregate value (2 and 4)..... | | | | 61,373 | ² 67,121 | 135,989 |
| | <i>M lb.</i> | <i>M lb.</i> | <i>M lb.</i> | | | |
| Rope, cable, and cordage, total..... | 111,644 | ² 116,697 | ² 204,104 | 15,238 | ² 17,093 | ² 39,558 |
| Abacá (Manilla hemp)..... | 63,264 | 62,550 | 114,476 | 7,655 | 9,425 | 22,171 |
| Henequen (from Mexico and Cuba)..... | 6,500 | 7,616 | 16,120 | 555 | 798 | 2,447 |
| Sisal (from sources other than Mexico and Cuba)..... | 13,669 | 22,380 | 27,381 | 1,240 | 2,269 | 3,972 |
| Cotton ³ | 27,147 | ² 20,951 | 28,096 | 5,598 | ² 4,152 | 8,299 |
| Other..... | 1,064 | ² 3,201 | ² 18,031 | 189 | ² 450 | ² 2,670 |
| Twine, total..... | 291,772 | ² 270,697 | ² 379,267 | 28,195 | ² 32,354 | ² 65,703 |
| Binder twine, total ⁴ | 142,614 | 134,256 | 178,605 | 6,991 | 11,458 | 18,395 |
| Henequen, all or chiefly..... | 127,955 | 114,189 | 145,272 | 6,065 | 9,658 | 14,493 |
| Other binder twine..... | 14,659 | 20,067 | 33,334 | 926 | 1,799 | 3,902 |
| Twine other than binder, total..... | 149,158 | ² 136,441 | ² 200,662 | 21,205 | ² 20,896 | ² 47,308 |
| Flax and hemp..... | 3,926 | 5,258 | 5,854 | 1,277 | 2,000 | 2,428 |
| Jute..... | 46,929 | ² 58,961 | ² 68,818 | 4,639 | ² 6,347 | ² 9,442 |
| Cotton ³ | 59,076 | ² 47,083 | 85,988 | 12,038 | ² 9,948 | 28,991 |
| Hard-fiber..... | 27,318 | 13,131 | 13,207 | 2,294 | 1,390 | 1,842 |
| Other..... | 11,909 | 12,008 | 26,795 | 906 | 1,212 | 4,604 |
| | <i>M linear yd.</i> | <i>M linear yd.</i> | <i>M linear yd.</i> | | | |
| Fishline, total..... | 563,047 | 406,100 | (⁵) | 1,955 | 2,187 | 2,893 |
| Silk..... | 59,631 | 85,273 | (⁵) | 747 | 975 | 1,285 |
| Linen..... | 65,288 | 69,535 | (⁵) | 345 | 389 | 430 |
| Cotton..... | 433,806 | 223,430 | (⁵) | 853 | 622 | 1,036 |
| Other..... | 4,322 | 27,862 | (⁵) | 31 | 202 | 92 |
| | <i>M lb.</i> | <i>M lb.</i> | <i>M lb.</i> | | | |
| Yarns made for sale, total..... | 65,080 | 59,448 | 97,935 | 7,358 | 7,402 | 15,467 |
| Jute..... | 61,853 | 57,322 | 96,539 | 6,827 | 6,959 | 14,904 |
| Other..... | 3,226 | 2,126 | 1,396 | 530 | 443 | 563 |
| Linen thread..... | 2,574 | 2,114 | 3,103 | 2,375 | 2,388 | 4,510 |
| | <i>M sq. yd.</i> | <i>M sq. yd.</i> | <i>M sq. yd.</i> | | | |
| Woven goods: | | | | | | |
| Linen and part-linen..... | 10,686 | 10,100 | 9,430 | 2,359 | 2,855 | 3,365 |
| Jute: | | | | | | |
| Bagging for baling cotton..... | 64,893 | 31,463 | 27,863 | 3,374 | 1,996 | 3,129 |
| | <i>M linear yd.</i> | <i>M linear yd.</i> | <i>M linear yd.</i> | | | |
| Webbing (not over 12 inches wide)..... | 21,096 | 22,724 | 43,737 | 432 | 468 | 1,122 |
| Other..... | | | | 87 | 348 | 242 |

¹ See sec. 25, p. 13.

² Revised.

³ Made up as follows: 1933—Made in cordage and twine, jute goods, and linen goods industries, 19,731,375 pounds, valued at \$3,936,754; in cotton-goods industry, 7,302,440 pounds, \$1,621,899; in other industries, 113,363 pounds, \$39,681. 1931—Made in cordage and twine, jute goods, and linen goods industries, 17,859,443 pounds, valued at \$5,076,898; in cotton goods industry, 2,983,023 pounds, \$438,031; in other industries, 108,090 pounds, \$36,808. 1929—Made in cordage and twine, jute goods, and linen goods industries, 21,029,798 pounds, valued at \$6,327,766; in cotton-goods industry, 6,930,526 pounds, \$1,903,232; in other industries, 135,439 pounds, \$67,544.

⁴ Not including binder twine made in penal institutions, as follows: 1933, 57,135,737 pounds; 1931, 52,161,200 pounds; 1929, 47,322,550 pounds. The aggregate production of binder twine in manufacturing establishments and in penal institutions was as follows: 1933, 199,749,784 pounds; 1931, 186,416,786 pounds; 1929, 225,927,688 pounds.

⁵ Made up as follows: 1933—Made in cordage and twine, jute goods, and linen goods industries, 39,306,377 pounds, valued at \$7,337,642; in cotton-goods industry, 19,769,152 pounds, \$4,700,336. 1931—Made in cordage and twine, jute goods, and linen goods industries, 30,916,685 pounds, valued at \$6,354,328; in cotton goods industry, 16,166,638 pounds, \$3,593,249. 1929—Made in cordage and twine, jute goods, and linen goods industries, 45,345,622 pounds, valued at \$14,341,015; in cotton-goods industry, 40,642,518 pounds, \$14,660,396.

⁶ No data.

TABLE 3.—CORDAGE AND TWINE—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES: 1933 AND 1931

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8.) See sec. 26, p. 13]

| | 1933 ¹ | | | | 1931 | | | |
|---------------------|-------------------|--------|--------|--------|--------|--------|--------|--------|
| | Mar. | June | Sept. | Dec. | Mar. | June | Sept. | Dec. |
| United States..... | 9,824 | 11,523 | 12,235 | 11,494 | 11,503 | 11,229 | 10,395 | 10,636 |
| <i>States</i> | | | | | | | | |
| Alabama..... | 881 | 1,013 | 1,194 | 1,101 | 727 | 716 | 742 | 772 |
| Connecticut..... | 176 | 215 | 231 | 206 | 276 | 291 | 267 | 240 |
| Georgia..... | 283 | 338 | 465 | 378 | 183 | 200 | 198 | 185 |
| Kentucky..... | 358 | 479 | 575 | 576 | 491 | 470 | 507 | 519 |
| Massachusetts..... | 1,111 | 1,163 | 1,240 | 1,220 | 1,569 | 1,517 | 1,472 | 1,446 |
| Michigan..... | 33 | 55 | 64 | 42 | 59 | 52 | 44 | 45 |
| New Jersey..... | 502 | 571 | 717 | 673 | 600 | 526 | 481 | 621 |
| New York..... | 1,522 | 1,524 | 1,810 | 1,444 | 1,966 | 1,880 | 1,771 | 1,752 |
| North Carolina..... | 1,331 | 1,744 | 1,820 | 1,698 | 1,432 | 1,346 | 1,316 | 1,315 |
| Ohio..... | 498 | 825 | 699 | 667 | 868 | 870 | 645 | 731 |
| Pennsylvania..... | 1,114 | 1,265 | 1,094 | 1,291 | 1,321 | 1,274 | 1,219 | 1,179 |
| Rhode Island..... | 91 | 93 | 86 | 78 | 101 | 117 | 123 | 99 |
| Washington..... | 38 | 60 | 54 | 71 | 35 | 36 | 36 | 38 |

¹ See sec. 5, p. 4, and sec. 13, p. 8. The 97 establishments canvassed with the standard schedule reported wage earners, by months, as follows:

| | | | | | |
|---------------|-------|-------------|--------|----------------|--------|
| January..... | 9,821 | May..... | 10,280 | September..... | 12,125 |
| February..... | 9,688 | June..... | 11,398 | October..... | 12,009 |
| March..... | 9,730 | July..... | 12,314 | November..... | 11,117 |
| April..... | 9,692 | August..... | 12,842 | December..... | 11,370 |

COTTON GOODS

[A preliminary report for this industry was issued under date of Nov. 3, 1934]

Description of the industry.—The "Cotton goods" industry embraces mills engaged primarily in any of the processes preparatory to spinning, in spinning cotton, and in weaving cotton piece goods over 12 inches in width. (Manufacturers of cotton piece goods 12 inches or less in width, and of cotton knit goods, are not included, such manufacturers being classified in the "Cotton small wares" and "Knit goods" industries, respectively.)

Duplication in cost of materials and value of products.—The total cost of materials and the total value of products include small amounts of duplication due to the inclusion in both figures of data for cotton yarn and cotton waste produced by certain manufacturers and sold by them to other manufacturers for use as materials. The values of these commodities enter directly into the value of products of the establishments in which they are manufactured, and indirectly into the value of products of those establishments which use them as materials; and a corresponding duplication appears in the industry total for cost of materials. For 1931, this duplication amounted to approximately 4 percent of the value of products and 8 percent of the cost of materials. (The corresponding percentages for 1933 cannot be computed because no data on consumption of cotton yarn and cotton waste were collected for that year.)

Extent of coverage.—The 1933 coverage of the establishments reporting in this industry for 1931 was practically complete. Of the 1,140 such establishments, 21 failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, but these establishments accounted for less than one-half of 1 percent of the total number of wage earners and of the total value of products reported for the industry for 1931.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees 1 | Wage earners (average for the year) | Salaries 2 | Wages | Cost of contract work | Cost of materials, fuel, and purchased electric energy | Value of products | Value added by manufacture 3 |
|---|--------------------------|--------------------------------|-------------------------------------|------------|---------|-----------------------|--|-------------------|------------------------------|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | | |
| <i>United States</i> | | | | | | | | | |
| 1933..... | 1,057 | 8,866 | 379,445 | 15,856 | 216,384 | 7,246 | 476,769 | 861,170 | 384,401 |
| 1931..... | 1,140 | (4) | 329,962 | (4) | 219,680 | 7,585 | 404,855 | 805,792 | 400,937 |
| 1929..... | 1,281 | 14,094 | 424,916 | 41,021 | 324,289 | 8,418 | 893,029 | 1,524,177 | 626,148 |
| 1927..... | 1,347 | 13,054 | 467,596 | 38,154 | 380,910 | 8,710 | 871,592 | 1,667,401 | 695,809 |
| <i>States</i> | | | | | | | | | |
| <i>Alabama:</i> | | | | | | | | | |
| 1933..... | 75 | 507 | 28,762 | 871 | 15,279 | 309 | 40,696 | 66,939 | 26,243 |
| 1931..... | 76 | (4) | 24,097 | (4) | 12,541 | 153 | 30,266 | 55,366 | 25,100 |
| <i>Arkansas:</i> | | | | | | | | | |
| 1933..... | 3 | 10 | 452 | 24 | 214 | ----- | 729 | 1,129 | 400 |
| 1931..... | 3 | (4) | 479 | (4) | 252 | ----- | 577 | 1,035 | 457 |
| <i>California:</i> | | | | | | | | | |
| 1933..... | 8 | 63 | 655 | 99 | 515 | ----- | 1,830 | 3,050 | 1,220 |
| 1931..... | 8 | (4) | 929 | (4) | 837 | ----- | 1,979 | 3,729 | 1,751 |
| <i>Connecticut:</i> | | | | | | | | | |
| 1933..... | 20 | 374 | 9,667 | 743 | 7,024 | 68 | 9,905 | 20,141 | 10,236 |
| 1931..... | 28 | (4) | 10,165 | (4) | 8,769 | 4 | 11,331 | 23,267 | 11,926 |
| <i>Georgia:</i> | | | | | | | | | |
| 1933..... | 125 | 1,045 | 57,238 | 1,768 | 29,139 | 466 | 76,207 | 126,301 | 50,094 |
| 1931..... | 131 | (4) | 44,102 | (4) | 25,156 | 716 | 60,360 | 106,940 | 46,580 |
| <i>Illinois:</i> | | | | | | | | | |
| 1933..... | 8 | 49 | 871 | 68 | 542 | 5 | 1,389 | 3,284 | 1,895 |
| 1931..... | 10 | (4) | 859 | (4) | 658 | 15 | 1,217 | 2,394 | 1,177 |
| <i>Indiana:</i> | | | | | | | | | |
| 1933..... | 3 | 14 | 709 | 46 | 385 | ----- | 875 | 1,620 | 744 |
| 1931..... | 3 | (4) | 604 | (4) | 386 | ----- | 746 | 1,204 | 459 |
| <i>Maine:</i> | | | | | | | | | |
| 1933..... | 14 | 318 | 11,446 | 424 | 7,771 | 1,484 | 14,243 | 28,979 | 14,736 |
| 1931..... | 14 | (4) | 9,220 | (4) | 7,415 | 565 | 10,910 | 22,311 | 11,402 |
| <i>Maryland:</i> | | | | | | | | | |
| 1933..... | 8 | 103 | 1,302 | 161 | 752 | ----- | 1,755 | 3,219 | 1,464 |
| 1931..... | 7 | (4) | 1,347 | (4) | 970 | ----- | 1,783 | 3,159 | 1,376 |
| <i>Massachusetts:</i> | | | | | | | | | |
| 1933..... | 103 | 1,203 | 45,418 | 2,332 | 31,110 | 624 | 51,189 | 98,603 | 47,414 |
| 1931..... | 120 | (4) | 46,990 | (4) | 38,869 | 960 | 53,330 | 114,707 | 61,378 |
| <i>Michigan:</i> | | | | | | | | | |
| 1933..... | 7 | 21 | 180 | 74 | 122 | ----- | 793 | 1,326 | 532 |
| 1931..... | 8 | (4) | 180 | (4) | 176 | ----- | 1,128 | 1,649 | 520 |
| <i>Mississippi:</i> | | | | | | | | | |
| 1933..... | 11 | 63 | 2,536 | 91 | 1,199 | (4) | 2,601 | 4,675 | 2,073 |
| 1931..... | 9 | (4) | 1,748 | (4) | 861 | 7 | 1,975 | 3,776 | 1,801 |
| <i>New Hampshire:</i> | | | | | | | | | |
| 1933..... | 14 | 342 | 10,988 | 549 | 7,103 | 711 | 15,163 | 25,595 | 10,432 |
| 1931..... | 15 | (4) | 10,663 | (4) | 9,253 | 987 | 14,140 | 28,687 | 14,547 |
| <i>New Jersey:</i> | | | | | | | | | |
| 1933..... | 23 | 238 | 2,649 | 456 | 2,249 | 104 | 5,330 | 11,990 | 6,660 |
| 1931..... | 29 | (4) | 3,565 | (4) | 3,636 | 393 | 5,035 | 16,347 | 10,311 |
| <i>New York:</i> | | | | | | | | | |
| 1933..... | 20 | 169 | 3,229 | 321 | 2,227 | 542 | 5,707 | 9,730 | 4,023 |
| 1931..... | 26 | (4) | 4,017 | (4) | 3,734 | 694 | 5,359 | 12,409 | 7,050 |
| <i>North Carolina:</i> | | | | | | | | | |
| 1933..... | 289 | 1,708 | 87,709 | 2,958 | 45,295 | 802 | 107,476 | 189,751 | 82,275 |
| 1931..... | 304 | (4) | 73,508 | (4) | 42,014 | 1,661 | 84,697 | 165,010 | 80,313 |
| <i>Pennsylvania:</i> | | | | | | | | | |
| 1933..... | 75 | 436 | 4,840 | 762 | 4,185 | 387 | 7,954 | 16,543 | 8,590 |
| 1931..... | 87 | (4) | 5,451 | (4) | 5,866 | 466 | 9,484 | 19,667 | 10,183 |
| <i>Rhode Island:</i> | | | | | | | | | |
| 1933..... | 40 | 584 | 13,077 | 1,089 | 9,456 | 203 | 14,774 | 34,714 | 19,941 |
| 1931..... | 46 | (4) | 13,089 | (4) | 12,176 | 342 | 18,193 | 42,585 | 24,392 |
| <i>South Carolina:</i> | | | | | | | | | |
| 1933..... | 145 | 1,125 | 74,593 | 2,017 | 38,660 | 1,323 | 90,328 | 162,411 | 72,083 |
| 1931..... | 144 | (4) | 59,777 | (4) | 33,370 | 573 | 69,443 | 135,212 | 65,769 |
| <i>Tennessee:</i> | | | | | | | | | |
| 1933..... | 14 | 113 | 5,876 | 251 | 3,261 | 193 | 6,713 | 12,779 | 6,066 |
| 1931..... | 17 | (4) | 6,134 | (4) | 3,995 | 11 | 7,484 | 13,939 | 6,455 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

| States—Continued | Number of establishments | Number of salaried employees ¹ | Wage earners (average for the year) | Salaries ² | Wages | Cost of contract work | Cost of materials, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|----------------------------|--------------------------|---|-------------------------------------|-----------------------|-------|-----------------------|--|-------------------|---|
| | | | | | | | | | |
| Texas: | | | | | | | | | |
| 1933..... | 24 | 100 | 4,362 | 189 | 2,148 | 14 | 5,185 | 8,715 | 3,530 |
| 1931..... | 26 | (⁴) | 3,060 | (⁴) | 1,667 | 26 | 3,610 | 7,481 | 3,871 |
| Vermont: ⁵ | | | | | | | | | |
| 1933..... | 3 | 16 | 970 | 32 | 720 | ----- | 901 | 2,011 | 1,110 |
| Virginia: | | | | | | | | | |
| 1933..... | 8 | 129 | 8,536 | 256 | 5,214 | 12 | 10,291 | 19,949 | 9,658 |
| 1931..... | 9 | (⁴) | 7,180 | (⁴) | 4,991 | 12 | 7,396 | 16,411 | 9,016 |
| Wisconsin: | | | | | | | | | |
| 1933..... | 5 | 13 | 94 | 40 | 57 | ----- | 316 | 536 | 220 |
| 1931..... | 6 | (⁴) | 79 | (⁴) | 67 | 1 | 310 | 531 | 221 |
| Other States: ⁷ | | | | | | | | | |
| 1933..... | 12 | 123 | 3,288 | 237 | 1,758 | ----- | 4,417 | 7,180 | 2,763 |
| 1931..... | 14 | (⁴) | 2,719 | (⁴) | 1,972 | ----- | 4,102 | 8,986 | 4,884 |

¹ Not including proprietors and firm members, as follows: 1933, 74; 1931, no data; 1929, 91; 1927, 167.² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.³ Value of products less cost of materials, fuel, and purchased electric energy. See sec. 20, p. 11.⁴ No data.⁵ Less than \$500.⁶ Figures for 1931 withheld to avoid disclosing data for individual establishments; included in items for "Other States."⁷ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Ky., 4, 4; La., 1, 1; Mo., 1, 1; Ohio, 4, 4; Okla., 2, 2; Vt. (1931), 2.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, 1933 AND 1931, AND NUMBER OF ESTABLISHMENTS BY WHICH REPORTED, 1933, FOR THE UNITED STATES, THE COTTON-GROWING STATES, AND THE NEW ENGLAND STATES

| | Number of establishments | QUANTITY ¹ | | | | Value in thousands of dollars ¹ | |
|---|--------------------------|-----------------------|-----------|---------------------------|-----------|--|---------|
| | | Thousands of pounds | | Thousands of square yards | | 1933 | 1931 |
| | | 1933 | 1931 | 1933 | 1931 | | |
| 1. "Cotton goods" industry, all products, total value..... | | | | | | 861,170 | 805,792 |
| 2. Cotton goods..... | | | | | | 849,016 | 793,875 |
| 3. Other products (not normally belonging to the industry)..... | | | | | | 8,954 | 9,775 |
| 4. Receipts for contract work..... | | | | | | 3,201 | 2,143 |
| 5. Cotton goods made as secondary products in other industries..... | | | | | | 20,891 | 18,634 |
| Aggregate value: | | | | | | | |
| United States ³ (2 and 5)..... | | | | | | 869,907 | 812,508 |
| Cotton-growing States ³ | | | | | | 608,881 | 521,922 |
| New England States..... | | | | | | 209,636 | 228,373 |
| Woven goods (over 12 inches in width): | | | | | | | |
| United States..... | | 2,123,568 | 1,851,311 | 8,088,846 | 7,141,904 | 648,989 | 612,499 |
| Cotton-growing States..... | | 1,698,806 | 1,418,627 | 6,324,479 | 5,342,175 | 454,433 | 389,607 |
| New England States..... | | 362,714 | 360,259 | 1,599,861 | 1,607,739 | 163,378 | 183,076 |
| Sheetings: ⁴ | | | | | | | |
| United States..... | | 403,187 | 321,742 | 1,680,323 | 1,359,686 | 98,875 | 76,906 |
| Cotton-growing States..... | | 342,517 | 273,059 | 1,466,877 | 1,192,274 | 78,973 | 59,120 |
| New England States..... | | 43,405 | 43,607 | 142,933 | 146,166 | 15,036 | 16,289 |
| Widths 40 inches and less: | | | | | | | |
| United States..... | 128 | 253,186 | 220,642 | 1,076,595 | 916,050 | 55,789 | 45,505 |
| Cotton-growing States..... | 103 | 236,999 | 204,213 | 1,008,874 | 857,637 | 51,521 | 40,663 |
| New England States..... | 17 | 9,565 | 13,674 | 31,407 | 45,550 | 2,497 | 4,063 |

For footnotes, see end of table.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, 1933 AND 1931, AND NUMBER OF ESTABLISHMENTS BY WHICH REPORTED, 1933, FOR THE UNITED STATES, THE COTTON-GROWING STATES, AND THE NEW ENGLAND STATES—CON.

| | Number of establishments | QUANTITY ¹ | | | | Value in thousands of dollars ¹ | |
|---|--------------------------|-----------------------|------------------|---------------------------|------------------|--|------------------|
| | | Thousands of pounds | | Thousands of square yards | | | |
| | | 1933 | 1931 | 1933 | 1931 | 1933 | 1931 |
| Woven goods (over 12 inches in width)—Continued. | | | | | | | |
| Sheetings—Continued. | | | | | | | |
| Widths over 40 inches: | | | | | | | |
| United States..... | 83 | 150,001 | 101,100 | 603,728 | 443,637 | 43,086 | 31,400 |
| Cotton-growing States..... | 60 | 105,518 | 68,846 | 458,003 | 334,636 | 27,451 | 18,456 |
| New England States..... | 20 | 33,840 | 29,933 | 111,437 | 100,615 | 12,539 | 12,226 |
| Print cloth: | | | | | | | |
| United States..... | | 316,522 | 283,696 | 1,709,960 | 1,586,339 | 79,996 | 74,505 |
| Cotton-growing States..... | | 295,696 | 253,935 | 1,604,217 | 1,426,035 | 74,217 | 65,606 |
| New England States..... | | 20,257 | 24,578 | 102,597 | 129,203 | 5,592 | 7,567 |
| Widths 36 inches and more:² | | | | | | | |
| United States..... | 116 | 294,794 | 260,152 | 1,577,175 | 1,442,269 | 74,060 | 68,518 |
| Cotton-growing States..... | 97 | 275,749 | 237,293 | 1,482,283 | 1,323,014 | 69,353 | 61,455 |
| Widths less than 36 inches:³ | | | | | | | |
| United States..... | 32 | 21,728 | 23,544 | 132,785 | 144,070 | 5,337 | 5,987 |
| Cotton-growing States..... | 23 | 19,942 | 16,692 | 121,930 | 103,021 | 4,864 | 4,151 |
| Reps, poplins, and broadcloths: | | | | | | | |
| United States..... | 38 | 105,890 | 80,891 | 456,328 | 357,465 | 35,942 | 31,815 |
| Cotton-growing States..... | 49 | 81,271 | 52,949 | 354,522 | 224,548 | 25,827 | 18,100 |
| New England States..... | 39 | 24,619 | 27,040 | 101,805 | 129,020 | 10,114 | 13,444 |
| Napped fabrics: | | | | | | | |
| United States..... | | 120,886 | 87,565 | 377,791 | 298,073 | 34,072 | 27,017 |
| Cotton-growing States..... | | 88,293 | 64,197 | 280,700 | 219,412 | 23,377 | 18,629 |
| New England States..... | | 32,593 | 23,287 | 97,092 | 68,617 | 10,694 | 8,264 |
| Cotton flannel (flannelettes, domets, outing, and similar fabrics): | | | | | | | |
| United States..... | 34 | 79,167 | 59,515 | 305,044 | 237,891 | 23,879 | 19,136 |
| Cotton-growing States..... | 26 | 53,403 | 44,193 | 221,559 | 183,898 | 15,906 | 14,254 |
| New England States..... | 8 | 25,765 | 15,323 | 83,484 | 53,994 | 7,973 | 4,882 |
| Canton flannel: | | | | | | | |
| United States..... | 17 | 26,016 | 14,632 | 44,558 | 27,610 | 5,086 | 3,278 |
| Cotton-growing States..... | 13 | 25,105 | (⁶) | 42,753 | (⁶) | 4,780 | (⁶) |
| New England States..... | 4 | 910 | (⁶) | 1,805 | (⁶) | 301 | (⁶) |
| Blanketings (sold as piece goods):⁷ | | | | | | | |
| United States..... | 9 | 5,020 | 4,033 | 8,841 | 6,125 | 1,805 | 1,829 |
| Moleskin:⁷ | | | | | | | |
| United States..... | 9 | 3,751 | 2,538 | 5,852 | 3,395 | 897 | 621 |
| Other: | | | | | | | |
| United States..... | 9 | 6,931 | 6,847 | 13,496 | 13,051 | 2,411 | 2,153 |
| Cotton-growing States..... | 4 | 2,509 | 4,092 | 4,354 | 7,725 | 661 | 1,056 |
| New England States..... | 5 | 4,422 | 2,674 | 9,142 | 5,282 | 1,749 | 1,073 |
| Denims: | | | | | | | |
| United States..... | | 148,297 | 109,842 | 268,788 | 202,111 | 33,970 | 25,277 |
| Cotton-growing States..... | | 139,502 | 101,058 | 253,909 | 186,838 | 31,743 | 23,159 |
| New England States..... | | 8,795 | 8,784 | 14,886 | 15,272 | 2,227 | 2,118 |
| Standard denim—white-back and double-and-twist: | | | | | | | |
| United States..... | 20 | 130,393 | 92,460 | 225,485 | 163,903 | 29,147 | 20,982 |
| Cotton-growing States..... | 15 | 122,431 | (⁶) | 212,334 | (⁶) | 27,186 | (⁶) |
| New England States..... | 5 | 7,962 | (⁶) | 13,151 | (⁶) | 1,961 | (⁶) |
| Pin checks, express stripes, and all other: | | | | | | | |
| United States..... | 25 | 17,904 | 17,382 | 43,303 | 38,208 | 4,822 | 4,295 |
| Cotton-growing States..... | 21 | 17,071 | (⁶) | 41,569 | (⁶) | 4,557 | (⁶) |
| New England States..... | 4 | 834 | (⁶) | 1,734 | (⁶) | 266 | (⁶) |
| Tire fabrics: | | | | | | | |
| United States..... | | 117,780 | 137,400 | \$146,208 | \$158,337 | 31,754 | 41,250 |
| Cotton-growing States..... | | 76,925 | 84,951 | 95,383 | 93,298 | 20,228 | 24,399 |
| New England States..... | | 38,752 | 50,937 | 48,151 | 63,300 | 10,959 | 16,255 |
| Cord fabric for tires:⁵ | | | | | | | |
| United States..... | 29 | 101,445 | 118,347 | \$124,772 | \$133,258 | 27,946 | 36,806 |
| Cotton-growing States..... | 20 | 61,341 | 66,800 | 74,973 | 69,164 | 16,636 | 20,196 |
| Tire duck:⁷ | | | | | | | |
| United States..... | 12 | 10,453 | 13,839 | 12,273 | 15,915 | 2,498 | 3,279 |
| Tire fabrics other than cord and duck:⁷ | | | | | | | |
| United States..... | 8 | 5,882 | 5,213 | 9,163 | 9,165 | 1,310 | 1,166 |
| Fabrics (except draperies) entirely or in chief value of rayon:¹⁰ | | | | | | | |
| United States..... | 33 | 31,993 | 20,060 | 177,166 | 120,757 | 31,329 | 26,612 |
| Cotton-growing States..... | 8 | 6,373 | 4,226 | 34,197 | 26,392 | 7,225 | 6,121 |
| New England States..... | 25 | 25,621 | 15,847 | 142,969 | 93,130 | 24,104 | 9,179 |

For footnotes, see end of table.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, 1933 AND 1931, AND NUMBER OF ESTABLISHMENTS BY WHICH REPORTED, 1933, FOR THE UNITED STATES, THE COTTON-GROWING STATES, AND THE NEW ENGLAND STATES—Con.

| | Number of establishments | QUANTITY ¹ | | | | Value in thousands of dollars ¹ | |
|--|--------------------------|-----------------------|---------------------|---------------------------|---------------------|--|---------------------|
| | | Thousands of pounds | | Thousands of square yards | | 1933 | 1931 |
| | | 1933 | 1931 | 1933 | 1931 | | |
| Woven goods (over 12 inches in width)—Continued. | | | | | | | |
| Shirtings: | | | | | | | |
| United States..... | | 72,187 | 68,030 | 278,349 | 273,178 | 25,236 | 24,350 |
| Cotton-growing States..... | | 60,785 | 50,992 | 231,322 | 236,194 | 19,153 | 19,634 |
| New England States..... | | 11,402 | 7,068 | 47,027 | 36,665 | 6,078 | 4,544 |
| Shirtings made entirely of cotton: | | | | | | | |
| United States..... | 68 | 70,394 | 61,451 | 271,259 | 243,393 | 24,610 | 20,436 |
| Cotton-growing States..... | 37 | 58,992 | 54,094 | 224,232 | 210,178 | 18,532 | 16,362 |
| New England States..... | 31 | 11,402 | 7,357 | 47,027 | 33,214 | 6,078 | 4,074 |
| Shirtings in chief value of cotton, containing silk or rayon: ¹⁰ | | | | | | | |
| United States..... | 6 | 1,793 | 6,579 | 7,090 | 29,785 | 626 | 3,914 |
| Cotton-growing States..... | 6 | 1,793 | 5,898 | 7,090 | 26,016 | 626 | 3,272 |
| Twill and satens: | | | | | | | |
| United States..... | 90 | 85,808 | 62,450 | 274,153 | 201,434 | 23,158 | 16,774 |
| Cotton-growing States..... | 53 | 67,863 | 46,008 | 201,256 | 140,832 | 16,534 | 11,067 |
| New England States..... | 34 | 17,130 | 15,570 | 70,649 | 58,082 | 6,370 | 5,605 |
| Ounce duck, except tire: | | | | | | | |
| United States..... | | 94,688 | 78,841 | 132,730 | 111,573 | 22,598 | 18,532 |
| Cotton-growing States..... | | 91,388 | 74,783 | 127,591 | 104,939 | 21,434 | 16,518 |
| New England States..... | | 2,270 | 2,033 | 3,747 | 4,832 | 942 | 1,634 |
| Flat-laid duck—single warp, either single or plied filling: ⁷ | | | | | | | |
| United States..... | 32 | 43,462 | 39,293 | 74,370 | 67,558 | 9,005 | 7,626 |
| Hose and belting duck—plied warp and plied filling: ⁷ | | | | | | | |
| United States..... | 16 | 23,866 | 18,319 | 16,155 | 11,770 | 5,840 | 4,294 |
| Army duck, including awning, shoe, etc.—plied warp and plied filling: ⁸ | | | | | | | |
| United States..... | 27 | 17,682 | 17,338 | 27,695 | 27,259 | 5,519 | 5,302 |
| Cotton-growing States..... | 19 | 16,418 | 15,149 | 25,323 | 23,408 | 4,860 | 4,001 |
| Filter cloth: ⁹ | | | | | | | |
| United States..... | 16 | 3,012 | 2,511 | 3,354 | 2,588 | 833 | 863 |
| Cotton-growing States..... | 10 | 2,511 | 1,793 | 2,779 | 1,773 | 651 | 519 |
| Other ounce duck, except tire: ⁴ | | | | | | | |
| United States..... | 16 | 6,667 | 1,380 | 10,656 | 2,398 | 1,401 | 447 |
| Cotton-growing States..... | 13 | 6,213 | (⁶) | 0,772 | (⁶) | 1,323 | (⁶) |
| Numbered duck, except tire—plied warp and plied filling: ¹¹ | | | | | | | |
| United States..... | | 22,657 | 25,887 | 19,519 | 25,004 | 5,663 | 6,225 |
| Cotton-growing States..... | | 16,726 | 17,834 | 15,119 | 18,647 | 3,895 | 4,021 |
| Wide duck: | | | | | | | |
| United States..... | 21 | 16,700 | 15,573 | 15,531 | 13,957 | 3,834 | 3,543 |
| Cotton-growing States..... | 17 | 13,941 | 11,685 | 13,047 | 10,576 | 3,141 | 2,716 |
| Naught duck: | | | | | | | |
| United States..... | 9 | 3,937 | ¹² 8,125 | 2,196 | ¹² 9,307 | 1,280 | ¹² 2,159 |
| Cotton-growing States..... | 5 | 1,096 | ¹² 4,564 | 703 | ¹² 6,871 | 320 | ¹² 1,959 |
| Sail duck: | | | | | | | |
| United States..... | 14 | 2,020 | 2,189 | 1,791 | 1,741 | 549 | 523 |
| Cotton-growing States..... | 8 | 1,689 | 1,584 | 1,364 | 1,200 | 435 | 345 |
| Towels, towellings, and wash cloths: | | | | | | | |
| United States..... | | 66,127 | 71,948 | 149,033 | 158,378 | 22,487 | 24,108 |
| Cotton-growing States..... | | 59,291 | 64,498 | 133,518 | 142,118 | 19,874 | 20,913 |
| New England States..... | | 3,118 | 2,344 | 7,079 | 6,125 | 1,060 | 1,180 |
| Turkish and terry-woven: ⁵ | | | | | | | |
| United States..... | 20 | 38,053 | 42,194 | 78,970 | 86,908 | 12,818 | 13,665 |
| Cotton-growing States..... | 12 | 37,481 | 41,582 | 77,795 | 85,449 | 12,597 | 13,272 |
| Huck-woven: ⁴ | | | | | | | |
| United States..... | 15 | 12,479 | 11,007 | 35,597 | 28,212 | 4,095 | 3,365 |
| Cotton-growing States..... | 10 | 11,117 | 9,883 | 32,030 | 26,147 | 3,841 | 2,894 |
| Plain-woven: ³ | | | | | | | |
| United States..... | 16 | 6,865 | 6,433 | 15,877 | 15,410 | 2,075 | 2,367 |
| Cotton-growing States..... | 9 | 3,379 | 2,449 | 7,628 | 6,366 | 994 | 932 |
| Damask or Jacquard and other: | | | | | | | |
| United States..... | 8 | 4,458 | 7,425 | 10,162 | 17,054 | 1,564 | 2,735 |
| Wash cloths: | | | | | | | |
| United States..... | 14 | 4,272 | 4,883 | 9,327 | 10,793 | 1,936 | 1,976 |
| Cotton-growing States..... | 8 | 3,455 | 4,015 | 7,540 | 8,777 | 1,529 | 1,460 |
| New England States..... | 3 | 136 | 109 | 293 | 337 | 58 | 50 |

For footnotes, see end of table.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, 1933 AND 1931, AND NUMBER OF ESTABLISHMENTS BY WHICH REPORTED, 1933, FOR THE UNITED STATES, THE COTTON-GROWING STATES, AND THE NEW ENGLAND STATES—CON.

| | Number of establishments | QUANTITY ¹ | | | | Value in thousands of dollars ¹ | |
|--|--------------------------|-----------------------|-------------------|---------------------------|-------------------|--|-------------------|
| | | Thousands of pounds | | Thousands of square yards | | 1933 | 1931 |
| | | 1933 | 1931 | 1933 | 1931 | | |
| Woven goods (over 12 inches in width)—Continued. | | | | | | | |
| Lawns, nainsooks, cambrics, and similar muslins: | | | | | | | |
| United States..... | 59 | 34,044 | 23,348 | 295,441 | 181,897 | 19,058 | 15,080 |
| Cotton-growing States..... | 12 | 8,641 | 6,008 | 76,007 | 38,923 | 3,395 | 2,813 |
| New England States..... | 47 | 25,404 | 16,760 | 219,434 | 138,692 | 15,663 | 11,896 |
| Draperies (except velvets and plushes): ¹⁰ | | | | | | | |
| United States..... | | 33,714 | 30,878 | 211,103 | 235,947 | 19,004 | 25,329 |
| Cotton-growing States..... | | 10,314 | 7,685 | 30,926 | 40,450 | 3,816 | 4,902 |
| New England States..... | | 22,740 | 22,465 | 177,361 | 193,392 | 14,490 | 19,346 |
| All-cotton: | | | | | | | |
| United States..... | 52 | 29,411 | 23,859 | 191,508 | 205,884 | 15,353 | 18,480 |
| Cotton-growing States..... | 17 | 8,514 | 5,088 | 24,651 | 31,619 | 2,670 | 2,283 |
| New England States..... | 30 | 20,442 | 18,515 | 164,425 | 173,607 | 12,612 | 16,098 |
| In chief value of cotton, containing silk or rayon: ^{10 13} | | | | | | | |
| United States..... | 23 | 2,398 | 5,936 | 9,484 | 24,336 | 1,953 | 5,263 |
| New England States..... | 12 | 758 | 3,353 | 4,874 | 16,081 | 660 | 2,321 |
| Entirely or in chief value of rayon: ^{10 13} | | | | | | | |
| United States..... | 16 | 1,904 | 1,083 | 10,111 | 5,727 | 1,698 | 1,586 |
| New England States..... | 11 | 1,549 | 587 | 8,061 | 3,704 | 1,318 | 927 |
| Blankets: | | | | | | | |
| United States..... | | 41,973 | 32,839 | 103,165 | 71,989 | 16,069 | 12,721 |
| Cotton-growing States..... | | 29,108 | 15,404 | 47,470 | 34,609 | 7,086 | 5,630 |
| New England States..... | | 21,865 | 17,435 | 55,695 | 37,380 | 8,984 | 7,092 |
| Blankets, except crib, all-cotton: | | | | | | | |
| Single-length: | | | | | | | |
| United States..... | 12 | 13,688 | 7,082 | 32,800 | 17,948 | 5,341 | 2,923 |
| Cotton-growing States..... | 5 | 5,203 | (⁶) | 12,145 | (⁶) | 1,802 | (⁶) |
| New England States..... | 7 | 8,485 | (⁶) | 20,656 | (⁶) | 3,540 | (⁶) |
| Pair-length: | | | | | | | |
| United States..... | 12 | 14,460 | 5,770 | 43,907 | 16,461 | 5,192 | 1,412 |
| Cotton-growing States..... | 8 | 7,711 | (⁶) | 23,021 | (⁶) | 2,481 | (⁶) |
| New England States..... | 4 | 6,748 | (⁶) | 20,886 | (⁶) | 2,711 | (⁶) |
| Crib blankets, all-cotton: ⁷ | | | | | | | |
| United States..... | 7 | 3,276 | 2,856 | 6,384 | 4,070 | 1,411 | 1,601 |
| Blankets (wool-and-cotton mixed): ^{7 14} | | | | | | | |
| United States..... | 8 | 10,549 | 17,131 | 20,074 | 33,511 | 4,125 | 6,736 |
| Drills: | | | | | | | |
| United States..... | | 71,292 | 71,811 | 191,987 | 184,645 | 15,262 | 15,132 |
| Cotton-growing States..... | | 67,878 | 68,183 | 182,795 | 174,665 | 14,294 | 13,845 |
| New England States..... | | 2,245 | (¹¹) | 5,743 | (¹¹) | 711 | (¹¹) |
| Drills, 40 inches and narrower: ⁷ | | | | | | | |
| United States..... | 59 | 58,202 | 60,410 | 152,453 | 150,427 | 12,410 | 12,421 |
| Drills, wider than 40 inches: ⁷ | | | | | | | |
| United States..... | 23 | 12,990 | 11,401 | 39,534 | 34,220 | 2,852 | 2,712 |
| Tobacco, cheese, butter, bunting, and bandage cloths: ¹¹ | | | | | | | |
| United States..... | 29 | 36,726 | 35,348 | 634,499 | 587,147 | 11,000 | 9,776 |
| Cotton-growing States..... | 22 | 30,449 | 27,619 | 502,469 | 439,939 | 8,822 | 7,166 |
| Plushes, velvets, and velveteens: | | | | | | | |
| United States..... | | 14,582 | 20,272 | 18,195 | 23,794 | 10,200 | 15,898 |
| Cotton-growing States..... | | 4,848 | 5,862 | 6,068 | 6,541 | 2,531 | 3,227 |
| New England States..... | | 3,697 | 4,184 | 5,256 | 6,959 | 2,782 | 4,108 |
| Plushes: | | | | | | | |
| All-cotton: | | | | | | | |
| United States..... | 30 | 9,352 | 13,088 | 10,144 | 14,699 | 5,596 | 10,041 |
| Cotton-growing States..... | 5 | 2,445 | 3,433 | 2,725 | 3,426 | 1,073 | 1,431 |
| New England States..... | 8 | 3,033 | 2,832 | 3,212 | 4,360 | 1,680 | 2,900 |
| Other: ⁷ | | | | | | | |
| United States..... | 15 | 3,421 | 4,923 | 4,615 | 5,043 | 3,095 | 4,055 |
| Velvets and velveteens: ⁷ | | | | | | | |
| United States..... | 9 | 1,020 | 2,201 | 2,499 | 4,052 | 851 | 1,202 |
| Plushes, velvets, and velveteens, not reported separately: ¹³ | | | | | | | |
| United States..... | 3 | 789 | | 938 | | 658 | |

For footnotes, see end of table.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, 1933 AND 1931, AND NUMBER OF ESTABLISHMENTS BY WHICH REPORTED, 1933, FOR THE UNITED STATES, THE COTTON-GROWING STATES, AND THE NEW ENGLAND STATES—CON.

| | Number of establishments | QUANTITY ¹ | | | | | Value in thousands of dollars ¹ | |
|--|--------------------------|-----------------------|------------------|---------------------------|------------------|-------|--|--|
| | | Thousands of pounds * | | Thousands of square yards | | | | |
| | | 1933 | 1931 | 1933 | 1931 | 1933 | 1931 | |
| Woven goods (over 12 inches in width)—Continued. | | | | | | | | |
| Cottonades and cotton worsteds: ¹¹ | | | | | | | | |
| United States..... | 24 | 29,443 | 22,885 | 57,892 | 44,968 | 9,296 | 8,843 | |
| Cotton-growing States..... | 18 | 25,796 | 17,329 | 52,077 | 35,689 | 7,812 | 5,825 | |
| Osnaburgs: ¹¹ | | | | | | | | |
| United States..... | 66 | 49,411 | 47,203 | 130,887 | 109,081 | 9,209 | 8,059 | |
| Cotton-growing States..... | 60 | 48,627 | 47,020 | 128,570 | 108,773 | 9,022 | 7,980 | |
| Fabrics (other than shirtings and draperies) in chief value of cotton, containing silk or rayon: ¹⁰ | | | | | | | | |
| United States..... | 40 | 13,545 | 23,257 | 52,346 | 107,814 | 8,900 | 20,735 | |
| Cotton-growing States..... | 11 | 4,815 | 7,402 | 15,187 | 31,447 | 3,062 | 5,172 | |
| New England States..... | 21 | 7,086 | 14,152 | 34,004 | 72,670 | 4,235 | 12,922 | |
| Bedspreads and quilts: ¹³ | | | | | | | | |
| United States..... | | 16,601 | 16,498 | 50,472 | 55,927 | 6,360 | 8,643 | |
| Cotton-growing States..... | | 11,375 | 11,333 | 38,645 | 42,058 | 4,441 | 5,856 | |
| New England States..... | | 4,733 | 5,066 | 10,234 | 13,701 | 1,706 | 2,693 | |
| Double-woven fabric (Marseilles, satin, etc.): | | | | | | | | |
| All-cotton: ⁷ | | | | | | | | |
| United States..... | 13 | 3,261 | 1,933 | 11,331 | 4,300 | 1,303 | 730 | |
| All-rayon and part-rayon: ⁷ | | | | | | | | |
| United States..... | 5 | 842 | 1,340 | 3,205 | 5,068 | 337 | 849 | |
| Single-woven fabric (crochet, dimity, ripplette, etc.): | | | | | | | | |
| All-cotton: ⁷ | | | | | | | | |
| United States..... | 17 | 9,060 | 8,018 | 23,685 | 25,110 | 2,897 | 3,171 | |
| All-rayon and part-rayon: ⁷ | | | | | | | | |
| United States..... | 9 | 3,438 | 5,207 | 12,250 | 21,450 | 1,822 | 3,898 | |
| Tickings: ¹¹ | | | | | | | | |
| United States..... | 28 | 19,507 | 12,774 | 47,285 | 32,416 | 6,358 | 3,908 | |
| Cotton-growing States..... | 22 | 14,191 | 8,626 | 35,710 | 24,254 | 4,874 | 2,576 | |
| Ginghams: ¹¹ | | | | | | | | |
| United States..... | 27 | 14,713 | 11,336 | 69,569 | 56,313 | 6,263 | 4,611 | |
| Cotton-growing States..... | 20 | 12,394 | 9,472 | 58,815 | 46,538 | 4,660 | 3,338 | |
| Corduroys: ¹¹ | | | | | | | | |
| United States..... | 9 | 15,972 | 10,487 | 24,625 | 15,702 | 5,464 | 3,982 | |
| Cotton-growing States..... | 5 | 6,858 | (⁶) | 10,911 | (⁶) | 1,837 | (⁶) | |
| Volles: | | | | | | | | |
| United States..... | 42 | 9,187 | 14,368 | 77,901 | 124,364 | 4,969 | 8,201 | |
| Cotton-growing States..... | 13 | 2,162 | (⁶) | 18,371 | (⁶) | 1,102 | (⁶) | |
| New England States..... | 29 | 7,025 | 10,702 | 59,530 | 92,672 | 3,867 | 6,220 | |
| Cotton tapestries: ¹¹ | | | | | | | | |
| United States..... | 32 | 5,239 | 7,141 | 9,978 | 9,188 | 4,791 | 7,242 | |
| Cotton-growing States..... | 8 | 2,966 | 3,025 | 6,100 | 4,093 | 1,939 | 2,180 | |
| Pajama checks, dimities, and similar fabrics: | | | | | | | | |
| United States..... | 29 | 10,751 | 7,621 | 55,389 | 37,803 | 3,809 | 2,362 | |
| Cotton-growing States..... | 15 | 8,723 | 7,010 | 39,124 | 32,793 | 2,411 | 1,916 | |
| New England States..... | 14 | 2,028 | 499 | 16,264 | 4,078 | 1,397 | 379 | |
| Crêpes: ¹⁶ | | | | | | | | |
| United States..... | 18 | 2,454 | 3,019 | 16,426 | 20,814 | 3,475 | 2,453 | |
| Cotton table damask: ¹¹ | | | | | | | | |
| United States..... | 17 | 5,402 | 6,993 | 15,818 | 20,524 | 2,837 | 3,651 | |
| Cotton-growing States..... | 14 | 5,069 | 6,693 | 14,967 | 19,578 | 2,542 | 3,439 | |
| Rugs (except bath mats), cotton: | | | | | | | | |
| United States..... | | 3,906 | 4,554 | 1,788 | 3,366 | 1,749 | 2,320 | |
| Cotton-growing States..... | | 1,759 | 2,449 | 877 | 1,119 | 757 | 1,086 | |
| New England States..... | | 107 | 669 | 72 | 575 | 62 | 183 | |
| Woven: ⁷ | | | | | | | | |
| United States..... | 17 | 3,624 | 3,352 | 1,607 | 1,955 | 1,577 | 1,818 | |
| Braided: ⁷ | | | | | | | | |
| United States..... | 4 | 282 | 1,202 | 90 | 1,411 | 172 | 503 | |
| Pillow tubing: ¹⁷ | | | | | | | | |
| United States..... | 16 | 4,033 | 4,229 | 9,646 | 12,452 | 1,403 | 1,623 | |
| New England States..... | 9 | 2,290 | 2,770 | 4,893 | 6,997 | 791 | 1,090 | |
| Bath mats: | | | | | | | | |
| United States..... | 17 | 1,629 | 1,691 | 1,731 | 1,407 | 988 | 1,416 | |
| Cotton-growing States..... | 9 | 572 | 254 | 456 | 169 | 274 | 157 | |

For footnotes, see end of table.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, 1933 AND 1931, AND NUMBER OF ESTABLISHMENTS BY WHICH REPORTED, 1933, FOR THE UNITED STATES, THE COTTON-GROWING STATES, AND THE NEW ENGLAND STATES—CON.

| | Number of establishments | QUANTITY ¹ | | | | Value in thousands of dollars ¹ | |
|--|--------------------------|-----------------------|-------------------|---------------------------|----------|--|-------------------|
| | | Thousands of pounds | | Thousands of square yards | | | |
| | | 1933 | 1931 | 1933 | 1931 | 1933 | 1931 |
| Woven goods (over 12 inches in width)—Continued. | | | | | | | |
| Mosquito netting and tarlatan: ¹⁸ | | | | | | | |
| United States..... | 6 | 513 | 7, 226 | 6, 002 | 38, 732 | 474 | 2, 656 |
| Terry-woven fabrics except towels, towelings, wash cloths, and bath mats: ¹⁶ | | | | | | | |
| United States..... | 4 | 78 | 243 | 141 | 420 | 50 | 118 |
| Other woven goods (over 12 inches in width): | | | | | | | |
| United States..... | | 102, 834 | 86, 938 | 335, 313 | 322, 856 | 36, 922 | 34, 370 |
| Cotton-growing States ¹⁸ | | 84, 630 | 69, 738 | 260, 328 | 248, 960 | 27, 271 | 25, 242 |
| New England States ¹⁹ | | 35, 525 | 42, 467 | 232, 442 | 200, 100 | 15, 514 | 20, 446 |
| Cotton yarns produced for sale: | | | | | | | |
| United States..... | | 498, 496 | 414, 463 | | | 130, 954 | 111, 873 |
| Cotton-growing States..... | | 446, 371 | 374, 668 | | | 110, 272 | 94, 229 |
| New England States..... | | 42, 423 | 33, 196 | | | 17, 220 | 15, 805 |
| Carded: | | | | | | | |
| Yarns for sewing thread and for crochet, darning, hand-knitting, and embroidery cottons: | | | | | | | |
| United States..... | 10 | 9, 442 | 10, 022 | | | 1, 984 | 2, 581 |
| Cotton-growing States..... | 14 | 8, 945 | 7, 929 | | | 1, 800 | 1, 803 |
| New England States..... | 5 | 496 | (²⁰) | | | 184 | (²⁰) |
| Other carded yarns produced for sale, including those for weaving and machine knitting: | | | | | | | |
| United States..... | 289 | 359, 613 | 290, 544 | | | 78, 852 | 60, 625 |
| Cotton-growing States..... | 237 | 333, 458 | 270, 836 | | | 71, 236 | 55, 535 |
| New England States..... | 41 | 17, 386 | 14, 620 | | | 4, 736 | 4, 020 |
| Combed: | | | | | | | |
| Yarns for sewing thread and for crochet, darning, hand-knitting, and embroidery cottons: | | | | | | | |
| United States..... | 26 | 11, 528 | 11, 241 | | | 5, 891 | 7, 587 |
| Cotton-growing States..... | 11 | 5, 202 | 5, 523 | | | 2, 010 | 2, 489 |
| New England States..... | 15 | 6, 325 | 5, 718 | | | 3, 881 | 5, 097 |
| Other combed yarns produced for sale, including those for weaving and machine knitting: | | | | | | | |
| United States..... | 155 | 117, 914 | 102, 656 | | | 44, 227 | 41, 080 |
| Cotton-growing States..... | 109 | 98, 705 | 90, 380 | | | 35, 175 | 34, 402 |
| New England States..... | 43 | 18, 215 | (²⁰) | | | 8, 419 | (²⁰) |
| Cotton thread: ^{13 20} | | | | | | | |
| United States..... | 36 | 27, 755 | 19, 570 | | | 30, 372 | 29, 153 |
| New England States..... | 18 | 15, 692 | (²⁰) | | | 18, 124 | (²⁰) |
| Cotton twine: | | | | | | | |
| United States ²¹ | 57 | 50, 076 | 47, 083 | | | 12, 038 | 9, 948 |
| Cotton-growing States..... | 41 | 53, 205 | 41, 615 | | | 10, 536 | 8, 324 |
| New England..... | 7 | 1, 118 | 1, 653 | | | 344 | 606 |
| Cotton cordage and rope: | | | | | | | |
| United States ²² | 51 | 27, 147 | 20, 951 | | | 5, 598 | 4, 152 |
| Cotton-growing States..... | 33 | 21, 526 | 15, 781 | | | 4, 063 | 2, 718 |
| New England States..... | 15 | 4, 651 | 3, 262 | | | 1, 367 | 1, 147 |
| Cotton batting, wadding, and mattress felts: ²³ | | | | | | | |
| United States..... | 67 | 93, 868 | 114, 324 | | | 8, 866 | 12, 241 |
| Cotton card laps, sliver, and roving, produced for sale: | | | | | | | |
| United States..... | 24 | 7, 578 | 5, 462 | | | 938 | 754 |
| Cotton waste produced for sale: | | | | | | | |
| United States..... | 707 | 361, 031 | 315, 808 | | | 12, 770 | 10, 641 |
| Cotton-growing States..... | 550 | 254, 763 | 219, 539 | | | 7, 995 | 6, 378 |
| New England States..... | 137 | 97, 791 | 89, 849 | | | 4, 248 | 3, 534 |

For footnotes, see end of table.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, 1933 AND 1931, AND NUMBER OF ESTABLISHMENTS BY WHICH REPORTED, 1933, FOR THE UNITED STATES, THE COTTON-GROWING STATES, AND THE NEW ENGLAND STATES—CON.

| | Number of establishments | QUANTITY ¹ | | | | Value in thousands of dollars ¹ | |
|------------------------|--------------------------|-----------------------|------|---------------------------|--------|--|------|
| | | Thousands of pounds | | Thousands of square yards | | 1933 | 1931 |
| | | 1933 | 1931 | 1933 | 1931 | | |
| Other cotton products: | | | | | | | |
| United States..... | 31 | | | | 18,654 | 20,488 | |
| Old bagging and ties: | | | | | | | |
| United States..... | 559 | | | | 728 | 761 | |

¹ See sec. 25, p. 13.

² Revised.

³ United States totals cover cotton-growing States, New England States, and Illinois, Indiana, Maryland, Michigan, New Jersey, New York, Ohio, Pennsylvania, and Wisconsin. Cotton-growing States comprise Alabama, Arkansas, California, Georgia, Kentucky, Louisiana, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, and Virginia.

⁴ The figures for the 2 years are not strictly comparable, the indicated increase being due in part to a change in classification. At prior censuses mills making sheets and pillowcases, or having them made on contract, from cloth of their own weaving did not report the production of the sheeting used in the manufacture of such sheets and pillowcases. At the census for 1933, however, data for sheeting used in the manufacture of sheets and pillowcases have been included.

⁵ New England figures withheld to avoid disclosing approximations of data for individual establishments.

⁶ Withheld to avoid disclosing approximations of data for individual establishments.

⁷ Figures for cotton-growing States and for New England withheld to avoid disclosing approximations of data for individual establishments.

⁸ Estimated in part; see footnote 9.

⁹ Because of the failure of some manufacturers to report cord fabric in square yards, it was necessary to estimate (on the basis of the averages shown by the complete returns) about 10 percent of this item for 1933 and nearly 40 percent for 1931.

¹⁰ Not including products of silk and rayon mills.

¹¹ Statistics for New England withheld to avoid disclosing approximations of data for individual establishments; included in corresponding figures for "Other woven goods."

¹² Includes data for "Other numbered duck," reported separately for 1931 but not for 1933.

¹³ Figures for cotton-growing States withheld to avoid disclosing approximations of data for individual establishments.

¹⁴ Production in "Cotton goods" industry only. The total production of blankets composed of cotton and wool by establishments reporting the manufacture of such blankets was as follows: 1933, 20,451,636 pounds, 36,308,365 square yards, valued at \$8,521,662; 1931, 26,035,741 pounds, 48,672,427 square yards, \$11,309,303 (revised).

¹⁵ Production in "Cotton goods" industry only. In addition, quilts, bedspreads, and bed sets were manufactured from purchased fabrics by establishments classified in the "House-furnishing goods" industry, but were not reported separately.

¹⁶ Figures for cotton-growing States and for New England withheld to avoid disclosing approximations of data for individual establishments; included in corresponding figures for "Other woven goods."

¹⁷ Figures for cotton-growing States withheld to avoid disclosing approximations of data for individual establishments; included in corresponding figures for "Other woven goods."

¹⁸ Data for crepes, pillow tubing, mosquito netting and tarlatan, and terry-woven fabrics except towels, towelings, wash cloths, and bath mats, are included in the figures for the cotton-growing States but not in those for the United States. (See footnotes 16 and 17.)

¹⁹ Data for numbered duck (except tire), for tobacco, cheese, butter, bunting, and bandage cloths, for cottonades and cotton worsted, osnaburgs, tickings, gingham, corduroys, cotton tapestries, crepes, cotton table damask, for mosquito netting and tarlatan, and for terry-woven fabrics except towels, towelings, wash cloths, and bath mats, are included in the figures for the New England States but not in those for the United States. (See footnotes 11 and 16.)

²⁰ Production in "Cotton goods" industry only; does not include production of thread by establishments classified in the "Dyeing and finishing textiles" industry.

²¹ The 1933 total is made up as follows: Made in "Cotton goods" industry, 19,709,152 pounds, valued at \$4,700,336; made in other industries, principally "Cordage and twine," 89,306,377 pounds, \$7,337,642. The corresponding figures for 1931 are: Made in "Cotton goods" industry, 16,106,638 pounds, valued at \$3,593,249; made in other industries, principally "Cordage and twine," 30,916,685 pounds, \$6,354,328.

²² The 1933 total is made up as follows: Made in "Cotton goods" industry, 7,302,440 pounds, valued at \$1,621,899; made in "Cordage and twine" industry, 19,731,375 pounds, \$3,936,754; made in other industries, 113,363 pounds, \$39,681. The corresponding figures for 1931 are: Made in "Cotton goods" industry, 2,983,023 pounds, valued at \$438,031; made in "Cordage and twine," industry, 17,859,443 pounds, \$3,676,898; made in other industries, 108,090 pounds, \$36,808.

²³ Not including mattress felts made in mattress factories.

TABLE 3.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES: 1933 AND 1931

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8.) See sec. 26, p. 13]

| | 1933 ¹ | | | | 1931 | | | |
|---------------------|-------------------|---------|---------|---------|---------|---------|---------|---------|
| | Mar. | June | Sept. | Dec. | Mar. | June | Sept. | Dec. |
| United States..... | 314,405 | 393,477 | 426,855 | 402,369 | 336,536 | 333,650 | 323,572 | 318,430 |
| <i>States</i> | | | | | | | | |
| Alabama..... | 24,134 | 31,112 | 30,690 | 30,844 | 24,313 | 24,691 | 23,863 | 23,757 |
| Arkansas..... | 444 | 592 | 446 | 334 | 428 | 485 | 563 | 470 |
| California..... | 329 | 667 | 893 | 768 | 980 | 956 | 881 | 843 |
| Connecticut..... | 7,921 | 9,512 | 11,590 | 10,247 | 10,552 | 10,127 | 10,242 | 9,345 |
| Georgia..... | 45,619 | 61,777 | 65,079 | 60,922 | 44,396 | 44,875 | 43,430 | 43,266 |
| Illinois..... | 832 | 847 | 964 | 927 | 863 | 880 | 864 | 807 |
| Indiana..... | 433 | 636 | 1,007 | 519 | 672 | 502 | 652 | 490 |
| Kentucky..... | 477 | 723 | 685 | 639 | 575 | 379 | 378 | 362 |
| Maine..... | 8,377 | 11,826 | 13,940 | 12,850 | 9,445 | 9,358 | 9,357 | 8,653 |
| Maryland..... | 873 | 1,341 | 1,779 | 1,355 | 1,385 | 1,320 | 1,314 | 1,281 |
| Massachusetts..... | 34,928 | 45,533 | 53,305 | 48,431 | 48,960 | 49,313 | 44,078 | 39,600 |
| Michigan..... | 143 | 173 | 248 | 182 | 182 | 200 | 188 | 192 |
| Mississippi..... | 2,091 | 2,635 | 2,873 | 2,830 | 1,806 | 1,653 | 1,734 | 1,761 |
| New Hampshire..... | 8,906 | 11,402 | 12,510 | 12,386 | 11,345 | 10,850 | 10,964 | 9,827 |
| New Jersey..... | 2,027 | 2,487 | 3,173 | 2,925 | 3,061 | 3,569 | 3,549 | 3,374 |
| New York..... | 2,533 | 3,237 | 3,877 | 3,175 | 3,681 | 3,976 | 4,709 | 3,953 |
| North Carolina..... | 71,952 | 90,820 | 101,073 | 93,657 | 75,446 | 73,808 | 73,591 | 73,058 |
| Ohio..... | 170 | 185 | 257 | 206 | 242 | 240 | 235 | 240 |
| Pennsylvania..... | 3,692 | 5,150 | 5,916 | 4,539 | 4,995 | 5,724 | 5,602 | 5,450 |
| Rhode Island..... | 10,618 | 13,156 | 14,173 | 13,460 | 14,237 | 13,670 | 13,271 | 11,587 |
| South Carolina..... | 68,487 | 77,626 | 77,875 | 76,703 | 59,478 | 58,878 | 59,581 | 60,918 |
| Tennessee..... | 5,601 | 5,999 | 6,078 | 6,012 | 6,259 | 5,761 | 6,575 | 6,293 |
| Texas..... | 3,293 | 4,639 | 4,992 | 4,978 | 3,363 | 2,890 | 3,138 | 3,218 |
| Vermont..... | 843 | 949 | 1,186 | 904 | (?) | (?) | (?) | (?) |
| Virginia..... | 7,446 | 7,928 | 9,389 | 9,910 | 6,912 | 7,371 | 7,477 | 7,500 |
| Wisconsin..... | 56 | 84 | 146 | 86 | 93 | 89 | 66 | 60 |

¹ See sec. 5, p. 4, and sec. 13, p. 8. The 892 establishments canvassed with the standard schedule reported wage earners, by months, as follows:

| | | | | | |
|---------------|---------|-------------|---------|----------------|---------|
| January..... | 312,144 | May..... | 340,364 | September..... | 417,012 |
| February..... | 312,407 | June..... | 384,046 | October..... | 420,684 |
| March..... | 307,791 | July..... | 418,550 | November..... | 405,874 |
| April..... | 311,928 | August..... | 425,910 | December..... | 394,072 |

² Figures for 1931 withheld to avoid disclosing data for individual establishments.

COTTON SMALL WARES

[A preliminary report for this industry was issued under date of Sept. 6, 1934]

Description of the industry.—The “Cotton small wares” industry embraces mills engaged in the manufacture of woven fabrics not over 12 inches in width, and of braids. Among the products are tape, webbing, figured labels, banding, belts, belting, trimmings, edgings, etc., composed of cotton or of cotton mixed with other kinds of fibers; and cotton and cotton-mixed flat and round braids, including shoe and corset laces. Some of these mills produce their own yarns, but the majority purchase yarns made by establishments in the “Cotton-goods” industry.

Extent of coverage.—The 1933 coverage of the establishments reporting in this industry for 1931 was practically complete. Of the 174 such establishments, only 6 failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, and these establishments accounted for less than three-fourths of one percent of the total number of wage earners and of the total value of products reported for the industry for 1931.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ¹ | Wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|---|-------------------------------------|-----------------------|--------|--|-------------------|---|
| <i>Thousands of dollars.</i> (See sec. 25, p. 13) | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 172 | 1,081 | 13,237 | 1,744 | 10,059 | 17,558 | 38,890 | 21,331 |
| 1931..... | 174 | (4) | 12,826 | (4) | 11,617 | 10,693 | 41,991 | 22,298 |
| 1929..... | 202 | 1,330 | 15,281 | 4,015 | 15,449 | 33,636 | 66,170 | 31,534 |
| 1927..... | 220 | 1,558 | 14,958 | 4,515 | 15,333 | 32,222 | 64,820 | 32,593 |
| <i>States</i> | | | | | | | | |
| <i>Connecticut:</i> | | | | | | | | |
| 1933..... | 15 | 160 | 1,977 | 224 | 1,558 | 2,602 | 5,447 | 2,845 |
| 1931..... | 15 | (4) | 2,163 | (4) | 1,953 | 3,289 | 7,054 | 3,765 |
| Illinois: ⁴ 1933..... | 3 | 29 | 191 | 56 | 124 | 330 | 773 | 443 |
| <i>Massachusetts:</i> | | | | | | | | |
| 1933..... | 34 | 137 | 2,219 | 241 | 1,763 | 3,592 | 6,946 | 3,355 |
| 1931..... | 31 | (4) | 2,382 | (4) | 2,120 | 4,025 | 7,865 | 3,840 |
| <i>New Hampshire:</i> | | | | | | | | |
| 1933..... | 8 | 26 | 261 | 41 | 244 | 350 | 825 | 474 |
| 1931..... | 7 | (4) | 251 | (4) | 244 | 322 | 788 | 466 |
| <i>New Jersey:</i> | | | | | | | | |
| 1933..... | 8 | 23 | 137 | 46 | 101 | 313 | 566 | 254 |
| 1931..... | 11 | (4) | 245 | (4) | 211 | 326 | 805 | 479 |
| <i>New York:</i> | | | | | | | | |
| 1933..... | 17 | 172 | 1,117 | 277 | 899 | 1,736 | 3,943 | 2,207 |
| 1931..... | 16 | (4) | 643 | (4) | 779 | 1,477 | 2,910 | 1,433 |
| <i>North Carolina:</i> | | | | | | | | |
| 1933..... | 8 | 16 | 252 | 36 | 194 | 304 | 808 | 505 |
| 1931..... | 6 | (4) | 237 | (4) | 216 | 291 | 707 | 417 |
| <i>Ohio:</i> | | | | | | | | |
| 1933..... | 4 | 20 | 147 | 38 | 110 | 194 | 470 | 276 |
| 1931..... | 4 | (4) | 154 | (4) | 136 | 388 | 688 | 300 |
| <i>Pennsylvania:</i> | | | | | | | | |
| 1933..... | 23 | 182 | 2,083 | 281 | 1,579 | 2,440 | 5,946 | 3,506 |
| 1931..... | 24 | (4) | 2,136 | (4) | 1,831 | 2,826 | 6,601 | 3,775 |
| <i>Rhode Island:</i> | | | | | | | | |
| 1933..... | 40 | 253 | 4,073 | 391 | 3,025 | 4,663 | 11,024 | 6,361 |
| 1931..... | 45 | (4) | 3,998 | (4) | 3,674 | 5,842 | 12,076 | 6,835 |
| <i>Other States:⁵</i> | | | | | | | | |
| 1933..... | 12 | 63 | 779 | 111 | 462 | 1,036 | 2,141 | 1,106 |
| 1931..... | 15 | (4) | 617 | (4) | 453 | 907 | 1,897 | 990 |

¹ Not including proprietors and firm members, as follows: 1933, 61; 1931, no data; 1929, 69; 1927, 105.² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative officers are included in the figures for any year.³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.⁴ No data.⁵ No establishments in this industry were reported from Illinois for 1931.⁶ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Calif., 1, 3; Ga., 2, 2; Ind., 1, 2; Ky., 3, 3; Mo., 2, 2; S. C., 2, 2; Tex., 1, 1.

TABLE 2.—PRODUCTS BY KIND AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929

| | 1933 | 1931 | 1929 |
|---|--------------|--------------|--------------|
| 1. "Cotton small wares" industry, all products, total..... | \$38,889,836 | \$41,991,006 | \$65,169,753 |
| 2. Cotton small wares..... | 36,562,250 | 38,922,004 | 61,864,450 |
| 3. Other products (not normally belonging to the industry)..... | 2,327,586 | 3,069,002 | 3,305,303 |
| 4. Cotton small wares made as secondary products in other industries..... | 1,547,150 | 1,381,320 | 3,629,853 |
| Cotton small wares, aggregate value (2 and 4)..... | 38,109,400 | 40,303,324 | 65,494,303 |
| Elastic webbing, total..... | 16,129,785 | 18,199,016 | 25,099,028 |
| Woven..... | 12,430,877 | 13,981,887 | 19,747,093 |
| Braided..... | 3,698,908 | 4,217,129 | 5,351,935 |
| Nonelastic webbing, total..... | 5,182,671 | 5,228,815 | 11,957,415 |
| Woven..... | 4,548,212 | 4,118,505 | 8,951,173 |
| Braided..... | 634,459 | 1,110,310 | 3,008,242 |
| Shoe and corset laces..... | 4,727,415 | 4,314,363 | 6,286,230 |
| Belting for machinery, total..... | 1,435,015 | 1,579,973 | 3,665,679 |
| Transmission..... | 548,851 | 619,186 | 1,366,265 |
| Conveyor..... | 280,701 | 320,779 | 872,969 |
| Other..... | 605,463 | 640,008 | 1,428,445 |
| Woven labels..... | 2,143,741 | 1,719,379 | 2,188,562 |
| Other woven cotton small wares ¹ | 5,789,405 | 5,603,182 | 9,816,267 |
| Other braided cotton small wares..... | 2,701,368 | 3,658,596 | 6,481,132 |

¹ Principally tapes and bindings.

TABLE 3.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES: 1933 AND 1931

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 3.) See sec. 26, p. 13]

| | 1933 ¹ | | | | 1931 | | | |
|---------------------|-------------------|--------|--------|--------|--------|--------|--------|--------|
| | March | June | Sept. | Dec. | March | June | Sept. | Dec. |
| United States..... | 11,349 | 13,222 | 15,328 | 12,757 | 14,192 | 12,900 | 12,500 | 11,222 |
| <i>States</i> | | | | | | | | |
| Connecticut..... | 1,679 | 1,931 | 2,378 | 1,837 | 2,358 | 2,205 | 2,066 | 1,930 |
| Illinois..... | 170 | 184 | 212 | 191 | | | | |
| Kentucky..... | 131 | 149 | 172 | 138 | 85 | 85 | 85 | 85 |
| Massachusetts..... | 1,780 | 2,144 | 2,664 | 2,222 | 2,741 | 2,298 | 2,313 | 2,005 |
| New Hampshire..... | 252 | 264 | 274 | 251 | 256 | 262 | 251 | 230 |
| New Jersey..... | 140 | 112 | 141 | 125 | 269 | 246 | 258 | 147 |
| New York..... | 858 | 1,151 | 1,347 | 1,182 | 722 | 647 | 585 | 604 |
| North Carolina..... | 215 | 257 | 270 | 272 | 241 | 242 | 237 | 236 |
| Ohio..... | 129 | 147 | 169 | 154 | 168 | 156 | 146 | 141 |
| Pennsylvania..... | 1,864 | 2,197 | 2,349 | 1,862 | 2,343 | 2,290 | 2,039 | 1,879 |
| Rhode Island..... | 3,569 | 4,074 | 4,617 | 3,880 | 4,482 | 3,943 | 3,960 | 3,490 |

¹ See sec. 5, p. 4, and sec. 13, p. 8. The 127 establishments canvassed with the standard schedule reported wage earners, by months, as follows:

| | | | | | |
|---------------|--------|-------------|--------|----------------|--------|
| January..... | 10,769 | May..... | 11,844 | September..... | 14,638 |
| February..... | 11,431 | June..... | 12,023 | October..... | 14,081 |
| March..... | 10,848 | July..... | 14,162 | November..... | 12,968 |
| April..... | 11,096 | August..... | 14,945 | December..... | 12,103 |

FELT GOODS, WOOL, HAIR, OR JUTE WOOL SHODDY

Preliminary reports for these industries were issued on Nov. 13 and Nov. 10, respectively, 1934.]

Description of the industries.—The “Felt goods, wool, hair or jute” industry classification is applied to textile mills whose principal products are felt goods (not including felt hats) made of wool, hair, or jute, either by weaving or by felting without weaving. In the latter process heat, moisture, and pressure are employed.

The “Wool shoddy” industry consists in the recovery of wool fiber from rags, waste, noils, tailors’ clippings, etc. The products are termed “shoddy,” “mungo,” “flocks” (the result of shearing cloth), and “wool extract.” The recovered fiber may be used alone or mixed with new materials for various textile purposes.

Extent of coverage.—All the establishments in these industries that reported at the census for 1931 were accounted for in the canvass for 1933.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|--|--------------------------|---|---|-----------------------|-------|--|---------------------|---|
| Thousands of dollars. (See sec. 25, p. 13) | | | | | | | | |
| FELT GOODS, WOOL, HAIR, OR JUTE | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 51 | 529 | 5,048 | 1,319 | 4,981 | 12,285 | 27,553 | 15,298 |
| 1931..... | 53 | (⁴) | 4,430 | (⁴) | 5,072 | 12,918 | 28,192 | 15,274 |
| 1929..... | 54 | 637 | 5,540 | 2,506 | 7,531 | 26,224 | 45,466 | 19,242 |
| 1927..... | 50 | 555 | 5,452 | 2,202 | 6,653 | 23,289 | 41,895 | 18,606 |
| <i>States</i> | | | | | | | | |
| Connecticut: | | | | | | | | |
| 1933..... | 3 | 17 | 233 | 44 | 216 | 660 | 1,337 | 677 |
| 1931..... | 3 | (⁴) | 148 | (⁴) | 188 | 527 | 1,204 | 677 |
| Massachusetts: | | | | | | | | |
| 1933..... | 11 | 44 | 632 | 98 | 628 | 1,685 | 3,526 | 1,842 |
| 1931..... | 11 | (⁴) | 518 | (⁴) | 607 | 1,807 | 3,777 | 1,970 |
| New York: | | | | | | | | |
| 1933..... | 8 | 261 | 1,715 | 752 | 1,879 | 3,904 | 9,520 | 5,616 |
| 1931..... | 9 | (⁴) | 1,625 | (⁴) | 1,871 | 3,735 | 10,049 | 6,314 |
| Pennsylvania: | | | | | | | | |
| 1933..... | 5 | 31 | 233 | 79 | 210 | 665 | 1,161 | 495 |
| 1931..... | 5 | (⁴) | 219 | (⁴) | 230 | 743 | 1,401 | 658 |
| Other States:⁵ | | | | | | | | |
| 1933..... | 24 | 176 | 2,236 | 346 | 2,049 | 5,370 | 12,038 | 6,668 |
| 1931..... | 25 | (⁴) | 1,920 | (⁴) | 2,176 | 6,106 | 11,761 | 5,655 |
| WOOL SHODDY⁶ | | | | | | | | |
| <i>United States</i> | | | | | | | | |
| 1933..... | 744 | 127 | 1,527 | 228 | 1,233 | 6,291 | ⁸ 10,477 | 4,186 |
| 1931..... | 40 | (⁴) | 1,069 | (⁴) | 1,122 | 3,332 | 5,952 | 2,620 |
| 1929..... | 50 | 278 | 1,762 | 1,017 | 2,109 | 10,127 | 15,345 | 5,218 |
| 1927..... | 55 | 236 | 1,679 | 819 | 1,916 | 7,081 | 12,597 | 4,616 |

¹ Not including proprietors and firm members, as follows: Felt goods—1933, 8; 1931, no data; 1929, 8; 1927, 7. Wool shoddy—1933, 18; 1931, no data; 1929, 17; 1927, 35.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ No data.

⁵ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Calif., 2, 2; Ill., 4, 4; Me., 2, 2; Mich., 2, 2; Minn., 1, 0; N. H., 1, 1; N. J., 4, 4; Ohio, 2, 2; R. I., 2, 2; Va., 1, 1; Wis., 3, 5.

⁶ Cost of contract work reported for 1933 by establishments classified in "Wool shoddy" industry amounted to \$345,057. The amount paid for contract work in "Felt-goods" industry was negligible.

⁷ Conn., 2 establishments; Me., 4; Mass., 20; N. Y., 6; Ohio, 3; Pa., 4; R. I., 3; Vt., 2.

⁸ Includes \$2,020,071, value of secondary products not normally belonging to this industry, but does not include \$473,212, value of recovered wool fiber reported as a secondary product by establishments in other industries. The total production of recovered wool fiber in 1933, regardless of the industry classification of the establishments by which reported, was 45,049,358 pounds, valued at \$8,203,467.

TABLE 2.—FELT GOODS—PRODUCTION, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929

| | QUANTITY IN THOUSANDS OF POUNDS ¹ | | | VALUE IN THOUSANDS OF DOLLARS ¹ | | |
|--|--|--------|--------|--|--------|--------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| 1. Felt goods industry, all products, total value..... | ----- | ----- | ----- | 27,583 | 28,192 | 45,466 |
| 2. Felt goods..... | ----- | ----- | ----- | 25,099 | 26,305 | 41,794 |
| 3. Other products (not normally belonging to the industry) and receipts for contract work..... | ----- | ----- | ----- | 2,484 | 1,887 | 3,672 |
| 4. Felt goods made as secondary products in other industries..... | ----- | ----- | ----- | 499 | 275 | 500 |
| Felt goods, aggregate value (2 and 4)..... | ----- | ----- | ----- | 25,598 | 26,580 | 42,294 |
| Felt cloths (woven), total..... | 5,544 | 5,022 | 7,075 | 11,961 | 11,657 | 17,113 |
| Paper-makers' felts..... | 4,325 | 4,342 | 5,830 | 10,296 | 10,323 | 14,701 |
| Laundry-machinery felts..... | 128 | 681 | 1,245 | 163 | 1,334 | 2,412 |
| Other woven felts..... | 1,091 | 681 | 1,245 | 1,502 | 1,334 | 2,412 |
| Trimming and lining felts..... | 4,039 | 4,483 | 6,147 | 1,969 | 2,497 | 3,889 |
| Buffing-wheel and polishing felts..... | 631 | 730 | 2,292 | 442 | 605 | 1,657 |
| Piano felts..... | 37 | 76 | 201 | 69 | 121 | 344 |
| Carpet-lining and cushion felts..... | 28,973 | 19,854 | 21,613 | 2,820 | 3,311 | 4,462 |
| Pipe and boiler insulating felts..... | 3,544 | 7,697 | 10,967 | 325 | 862 | 1,450 |
| Ironing-board-padding felts..... | 1,427 | 26,902 | 36,788 | 135 | 7,528 | 13,379 |
| Other felts ² | 35,059 | 26,902 | 36,788 | 7,877 | 7,528 | 13,379 |

¹ See sec. 25, p. 13.² Boot and shoe linings; shoe-and-slipper, building-insulation, and acoustic felts, etc.

KNIT GOODS

[A preliminary report for this industry was issued on Dec. 13, 1934]

Description of the industry.—The “Knit goods” industry embraces all establishments whose principal products are made by machine knitting, without regard to the kind of material—cotton, wool, etc.—of which the yarns are made. The knitting machinery employed is, in the main, power driven, although a few hand machines are in use.

Divisions of the industry.—This industry embraces four classes of establishments, whose chief products are, respectively: (1) Hosiery, (2) underwear, (3) outerwear, and (4) knit cloth; and each establishment as a whole has been assigned to one division or another, according to the character of its principal products.

Some overlapping occurs among these divisions. For example: Of the amount, \$251,147,000, representing the total value of hosiery (except infants' hosiery) manufactured in 1933, \$2,242,000 was reported by establishments classified in the underwear, outerwear, and knit-cloth divisions. Moreover, most of the establishments manufacture some minor products not normally belonging to the industry. (See item 3, first section of table 2.) For these reasons the total values of the several classes of products, as given in table 2, are not identical with the total values of all products reported by the establishments assigned to the corresponding divisions of the industry, as given in table 1.

Extent of coverage.—The 1933 coverage of the establishments that reported in this industry for 1931 was nearly complete. Of the 1,706 such establishments, 125 failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, but these establishments accounted for less than 1 percent of the total number of wage earners and of the total value of products reported for the industry for 1931.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

| | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of contract work | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|---|---|-----------------------|---------|-----------------------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | | |
| THE KNIT-GOODS INDUSTRY AS A WHOLE | | | | | | | | | |
| <i>United States</i> | | | | | | | | | |
| 1933..... | 1,577 | 10,070 | 189,698 | 16,457 | 132,030 | 11,695 | 237,661 | 498,350 | 260,689 |
| 1931..... | 1,706 | (*) | 178,011 | (*) | 149,589 | 12,634 | 284,053 | 585,677 | 301,624 |
| 1929..... | 1,888 | 14,029 | 208,488 | 42,847 | 210,714 | 13,984 | 456,701 | 899,717 | 448,016 |
| 1927..... | 1,869 | 12,969 | 190,283 | 34,569 | 188,163 | 11,161 | 424,099 | 816,620 | 392,521 |
| HOSIERY | | | | | | | | | |
| <i>United States</i> | | | | | | | | | |
| 1933..... | \$ 614 | 4,752 | 117,919 | 7,886 | 82,959 | 6,666 | 113,689 | 263,710 | 160,021 |
| 1931..... | 621 | (*) | 112,374 | (*) | 95,129 | 7,216 | 148,835 | 331,209 | 182,373 |
| 1929..... | 730 | 7,106 | 129,542 | 22,114 | 140,079 | 10,209 | 248,667 | 528,700 | 280,043 |
| 1927..... | 672 | 6,172 | 112,842 | 17,523 | 114,678 | 5,725 | 220,940 | 456,913 | 226,974 |
| UNDERWEAR | | | | | | | | | |
| <i>United States</i> | | | | | | | | | |
| 1933..... | \$ 195 | 2,155 | 35,915 | 3,348 | 22,251 | 738 | 44,194 | 92,200 | 48,006 |
| 1931..... | 218 | (*) | 31,951 | (*) | 22,545 | 678 | 44,260 | 89,553 | 45,593 |
| 1929..... | 251 | 2,849 | 41,487 | 7,948 | 32,928 | 585 | 80,475 | 150,842 | 70,367 |
| 1927..... | 285 | 3,142 | 46,227 | 7,736 | 39,183 | 1,522 | 90,728 | 173,423 | 82,596 |
| OUTERWEAR | | | | | | | | | |
| <i>United States</i> | | | | | | | | | |
| 1933..... | \$ 601 | 2,420 | 26,908 | 3,889 | 19,574 | 3,189 | 47,492 | 92,547 | 45,055 |
| 1931..... | 710 | (*) | 26,142 | (*) | 24,744 | 3,499 | 55,571 | 111,573 | 56,001 |
| 1929..... | 757 | 3,261 | 28,968 | 9,932 | 28,934 | 2,501 | 75,876 | 147,249 | 71,373 |
| 1927..... | 775 | 2,985 | 24,662 | 7,281 | 26,200 | 2,650 | 64,123 | 125,941 | 61,818 |
| KNIT CLOTH | | | | | | | | | |
| <i>United States</i> | | | | | | | | | |
| 1933..... | \$ 167 | 743 | 8,956 | 1,333 | 7,246 | 1,102 | 32,286 | 49,892 | 17,607 |
| 1931..... | 167 | (*) | 7,544 | (*) | 7,171 | 1,241 | 35,387 | 53,043 | 17,656 |
| 1929..... | 150 | 813 | 8,491 | 2,853 | 8,773 | 689 | 51,692 | 72,925 | 21,233 |
| 1927..... | 137 | 670 | 6,552 | 2,029 | 8,103 | 1,264 | 39,309 | 60,343 | 21,034 |
| THE KNIT-GOODS INDUSTRY AS A WHOLE | | | | | | | | | |
| <i>States⁴</i> | | | | | | | | | |
| Alabama: | | | | | | | | | |
| 1933..... | 15 | 116 | 3,849 | 168 | 1,769 | (10) | 3,404 | 7,312 | 3,908 |
| 1931..... | 18 | (*) | 3,258 | (*) | 1,751 | ----- | 3,730 | 7,695 | 3,905 |
| California: | | | | | | | | | |
| 1933..... | 43 | 208 | 1,662 | 271 | 1,420 | ----- | 2,452 | 5,415 | 2,962 |
| 1931..... | 40 | (*) | 1,744 | (*) | 1,933 | 3 | 3,011 | 7,062 | 4,052 |
| Connecticut: | | | | | | | | | |
| 1933..... | 14 | 67 | 1,230 | 89 | 1,050 | ----- | 2,029 | 3,853 | 1,824 |
| 1931..... | 12 | (*) | 993 | (*) | 768 | ----- | 1,172 | 2,267 | 1,096 |

For footnotes, see end of table.

TABLE I.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

| | Number of establishments | Number of salaried employees ¹ 2 | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of contract work | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|--|--------------------------|---|---|-----------------------|--------|-----------------------|--|-------------------|---|
| | | | | | | | | | |
| THE KNIT-GOODS INDUSTRY AS A WHOLE—continued | | | | | | | | | |
| <i>States¹—Continued</i> | | | | | | | | | |
| Georgia: | | | | | | | | | |
| 1933..... | 36 | 204 | 6,686 | 350 | 3,345 | (10) | 6,313 | 14,468 | 8,155 |
| 1931..... | 38 | (4) | 5,470 | (4) | 3,150 | 133 | 6,365 | 13,863 | 7,498 |
| Illinois: | | | | | | | | | |
| 1933..... | 32 | 283 | 4,052 | 440 | 2,626 | ----- | 5,779 | 11,595 | 5,816 |
| 1931..... | 38 | (4) | 3,849 | (4) | 3,115 | 83 | 5,957 | 11,803 | 5,906 |
| Indiana: | | | | | | | | | |
| 1933..... | 12 | 553 | 4,644 | 932 | 3,774 | 118 | 4,857 | 13,336 | 8,479 |
| 1931..... | 11 | (4) | 4,006 | (4) | 4,289 | 339 | 6,124 | 18,650 | 12,526 |
| Kentucky: | | | | | | | | | |
| 1933..... | 6 | 33 | 1,336 | 45 | 543 | (10) | 824 | 1,898 | 1,074 |
| 1931..... | 6 | (4) | 1,020 | (4) | 422 | 75 | 698 | 1,603 | 905 |
| Maryland: | | | | | | | | | |
| 1933..... | 6 | 25 | 727 | 46 | 369 | (10) | 589 | 1,407 | 818 |
| 1931..... | 8 | (4) | 605 | (4) | 380 | 102 | 748 | 1,391 | 643 |
| Massachusetts: | | | | | | | | | |
| 1933..... | 70 | 665 | 7,680 | 1,210 | 5,525 | 666 | 13,399 | 25,550 | 12,151 |
| 1931..... | 70 | (4) | 7,637 | (4) | 6,766 | 638 | 14,998 | 29,461 | 14,463 |
| Michigan: | | | | | | | | | |
| 1933..... | 20 | 140 | 2,158 | 188 | 1,376 | ----- | 2,576 | 5,510 | 2,934 |
| 1931..... | 18 | (4) | 1,760 | (4) | 1,422 | 5 | 2,373 | 5,030 | 2,657 |
| Minnesota: | | | | | | | | | |
| 1933..... | 11 | 333 | 2,561 | 407 | 1,735 | (10) | 2,997 | 7,285 | 4,237 |
| 1931..... | 12 | (4) | 2,252 | (4) | 1,683 | ----- | 3,067 | 6,887 | 3,820 |
| Mississippi: | | | | | | | | | |
| 1933..... | 4 | 6 | 912 | 17 | 393 | ----- | 394 | 1,082 | 688 |
| New Hampshire: | | | | | | | | | |
| 1933..... | 15 | 73 | 1,237 | 101 | 782 | (10) | 1,425 | 2,832 | 1,407 |
| 1931..... | 14 | (4) | 1,560 | (4) | 1,230 | 5 | 2,459 | 4,443 | 1,984 |
| New Jersey: | | | | | | | | | |
| 1933..... | 72 | 270 | 5,812 | 490 | 5,623 | 965 | 10,595 | 21,594 | 10,999 |
| 1931..... | 72 | (4) | 5,404 | (4) | 6,484 | 798 | 11,891 | 25,343 | 13,452 |
| New York: | | | | | | | | | |
| 1933..... | 449 | 1,685 | 22,831 | 2,864 | 17,138 | 3,795 | 40,782 | 79,882 | 39,100 |
| 1931..... | 558 | (4) | 24,527 | (4) | 23,117 | 4,399 | 51,440 | 101,470 | 50,030 |
| North Carolina: | | | | | | | | | |
| 1933..... | 156 | 875 | 28,596 | 1,469 | 17,607 | 1,402 | 30,776 | 64,092 | 33,816 |
| 1931..... | 141 | (4) | 23,402 | (4) | 17,323 | 542 | 35,806 | 69,087 | 33,281 |
| Ohio: | | | | | | | | | |
| 1933..... | 28 | 202 | 4,303 | 326 | 3,045 | (10) | 8,137 | 14,799 | 6,612 |
| 1931..... | 28 | (4) | 3,100 | (4) | 2,415 | 155 | 5,377 | 10,640 | 5,264 |
| Pennsylvania: | | | | | | | | | |
| 1933..... | 400 | 2,238 | 52,435 | 3,951 | 42,136 | 3,734 | 62,173 | 133,766 | 71,593 |
| 1931..... | 421 | (4) | 52,106 | (4) | 49,983 | 3,960 | 84,902 | 178,135 | 93,233 |
| Rhode Island: | | | | | | | | | |
| 1933..... | 17 | 71 | 1,063 | 123 | 833 | (10) | 2,391 | 4,382 | 1,990 |
| 1931..... | 16 | (4) | 1,142 | (4) | 998 | 294 | 3,394 | 5,651 | 2,257 |
| South Carolina: | | | | | | | | | |
| 1933..... | 6 | 25 | 1,036 | 31 | 457 | ----- | 929 | 1,754 | 826 |
| 1931..... | 9 | (4) | 988 | (4) | 463 | ----- | 854 | 1,597 | 742 |
| Tennessee: | | | | | | | | | |
| 1933..... | 69 | 594 | 17,993 | 859 | 9,255 | ----- | 15,946 | 33,477 | 17,531 |
| 1931..... | 64 | (4) | 16,010 | (4) | 8,564 | 291 | 16,595 | 33,072 | 16,477 |
| Utah: | | | | | | | | | |
| 1933..... | 6 | 57 | 262 | 69 | 159 | ----- | 298 | 613 | 315 |
| 1931..... | 9 | (4) | 319 | (4) | 206 | ----- | 361 | 868 | 507 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

| | Number of establishments | Number of salaried employees ^{1,2} | Number of wage earners (average for the year) | Salaries ³ | Wages | Cost of contract work | Cost of materials, containers, fuel, and purchased electric energy | Value of products | Value added by manufacture ⁴ |
|---|--------------------------|---|---|-----------------------|-------|-----------------------|--|-------------------|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | | |
| THE KNIT-GOODS INDUSTRY AS A WHOLE—continued | | | | | | | | | |
| <i>States⁵—Continued</i> | | | | | | | | | |
| Vermont: | | | | | | | | | |
| 1933..... | 7 | 48 | 961 | 72 | 601 | (⁶) 2 | 1,206 | 2,690 | 1,484 |
| 1931..... | 7 | (⁷) | 752 | (⁸) | 605 | | 1,053 | 2,199 | 1,146 |
| Virginia: | | | | | | | | | |
| 1933..... | 22 | 132 | 3,898 | 222 | 1,996 | (⁶) | 4,766 | 9,058 | 4,293 |
| 1931..... | 20 | (⁷) | 2,731 | (⁸) | 1,641 | | 3,376 | 6,524 | 3,147 |
| Washington: | | | | | | | | | |
| 1933..... | 6 | 29 | 115 | 21 | 61 | | 139 | 227 | 88 |
| 1931..... | 10 | (⁷) | 165 | (⁸) | 120 | | 225 | 541 | 316 |
| Wisconsin: | | | | | | | | | |
| 1933..... | 38 | 342 | 7,949 | 1,274 | 6,233 | (⁶) | 8,233 | 20,424 | 12,191 |
| 1931..... | 42 | (⁷) | 8,770 | (⁸) | 7,557 | 573 | 12,625 | 27,966 | 15,340 |
| Other States:¹² | | | | | | | | | |
| 1933..... | 17 | 287 | 3,711 | 412 | 2,177 | 1,017 | 4,202 | 10,099 | 5,897 |
| 1931..... | 24 | (⁷) | 4,441 | (⁸) | 3,254 | 236 | 5,452 | 12,369 | 6,917 |

¹ Not including proprietors and firm members, as follows: The industry as a whole—1933, 555; 1931, no data; 1929, 823; 1927, 980. Hosiery—1933, 110; 1931, no data; 1929, 138; 1927, 175. Underwear—1933, 62; 1931, no data; 1929, 81; 1927, 143. Outerwear—1933, 328; 1931, no data; 1929, 541; 1927, 597. Knit cloth—1933, 57; 1931, no data; 1929, 63; 1927, 65.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ No data.

⁵ States included and numbers of establishments reporting for 1933 are: Ala., 9; Calif., 3; Conn., 3; Ga., 25; Ill., 9; Ind., 8; Iowa, 2; Ky., 5; La., 3; Maine, 1; Md., 5; Mass., 11; Mich., 6; Minn., 3; Miss., 4; Mo., 1; N. H., 10; N. J., 31; N. Y., 10; N. C., 141; Ohio, 4; Pa., 222; R. I., 3; S. C., 6; Tenn., 54; Tex., 2; Vt., 3; Va., 14; W. Va., 2; Wis., 14.

⁶ States included and numbers of establishments reporting for 1933 are: Ala., 5; Conn., 5; Ga., 8; Ill., 3; Ind., 3; Md., 1; Mass., 13; Mich., 3; Minn., 2; N. H., 1; N. J., 2; N. Y., 40; N. C., 7; Ohio, 3; Pa., 72; R. I., 2; Tenn., 10; Utah, 2; Vt., 3; Va., 5; Wis., 5.

⁷ States included and numbers of establishments reporting for 1933 are: Calif., 39; Conn., 4; Del., 1; Ga., 1; Ill., 18; Ky., 1; Maine, 29; Mich., 5; Minn., 6; Mo., 1; N. H., 4; N. J., 33; N. Y., 308; N. C., 7; Ohio, 18; Oreg., 3; Pa., 85; R. I., 4; Tenn., 2; Utah, 4; Vt., 1; Va., 2; Wash., 6; Wis., 18.

⁸ States included and numbers of establishments reporting for 1933 are: Ala., 1; Calif., 1; Conn., 2; Ga., 2; Ill., 2; Ind., 1; Mass., 17; Mich., 6; N. J., 6; N. Y., 91; N. C., 1; Ohio, 3; Pa., 21; R. I., 8; Tenn., 3; Va., 1; Wis., 1.

⁹ See sec. 26, p. 13.

¹⁰ Withheld to avoid disclosing approximations of data for individual establishments; included in item for "Other States."

¹¹ Figures for 1931 withheld to avoid disclosing approximations of data for individual establishments; included in items for "Other States."

¹² States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Del., 1, 1; Iowa, 2, 2; La., 3, 3; Maine, 2, 3; Miss. (1931), 4; Mo., 2, 2; Oreg., 3, 3; Tex., 2, 4; W. Va., 2, 2.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929

| | QUANTITY ¹ | | | VALUE IN THOUSANDS OF DOLLARS ¹ | | |
|---|-----------------------|---------------------|---------------------|--|---------------------|---------------------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| 1. 'Knit goods' industry, all products, total value..... | | | | 498,350 | 585,677 | 899,717 |
| 2. Knit goods..... | | | | 486,273 | 572,702 | 880,812 |
| 3. Other products (not normally belonging to the industry)..... | | | | 6,422 | 7,495 | 10,553 |
| 4. Receipts for contract work..... | | | | 5,655 | 5,480 | 8,352 |
| 5. Knit goods made as secondary products in other industries, value..... | | | | 1,130 | 928 | 364 |
| Knit goods, aggregate value (2 and 5)..... | | | | 487,402 | 573,630 | 881,176 |
| | <i>M doz. pairs</i> | <i>M doz. pairs</i> | <i>M doz. pairs</i> | | | |
| Hosiery, except infants' and athletic, and golf hose, ² total..... | 96,596 | 96,204 | 111,191 | 251,147 | 313,922 | 500,382 |
| Full-fashioned..... | 32,252 | 29,482 | 31,929 | 163,491 | 211,663 | 311,634 |
| Seamless..... | 64,345 | 66,722 | 79,261 | 87,656 | 102,260 | 188,748 |
| Men's, total..... | 38,161 | 40,424 | 44,787 | 50,232 | 60,258 | 97,245 |
| Full-fashioned..... | 657 | 697 | 715 | 1,853 | 3,540 | 4,783 |
| Seamless..... | 37,494 | 39,727 | 44,072 | 48,379 | 56,718 | 92,461 |
| All-cotton: | | | | | | |
| Full-fashioned..... | 22 | 16 | 26 | 89 | 85 | 133 |
| Seamless..... | 12,466 | 11,520 | 16,406 | 10,891 | 10,657 | 19,959 |
| All-wool, full-fashioned and seamless..... | 380 | 245 | 337 | 899 | 949 | 1,300 |
| All-pure-thread-silk ³ | 16 | 341 | 459 | 54 | 1,158 | 1,906 |
| Pure-thread-silk with lisle or cotton tops, heels, and toes: | | | | | | |
| Full-fashioned..... | 208 | 342 | 316 | 964 | 1,960 | 2,086 |
| Seamless..... | 1,867 | 931 | 1,431 | 4,721 | 3,460 | 6,896 |
| All-wool, seamless..... | \$ 1,010 | 1,796 | 402 | \$ 1,434 | 2,443 | 958 |
| Rayon with cotton tops, heels, and toes, full-fashioned and seamless..... | 9,492 | 10,675 | 7,826 | 12,001 | 15,917 | 17,490 |
| Mixtures, total..... | 12,701 | 14,557 | 17,585 | 19,178 | 23,628 | 46,517 |
| Full-fashioned..... | 336 | 278 | 209 | 538 | 1,022 | 1,709 |
| Seamless..... | 12,365 | 14,279 | 17,376 | 18,641 | 22,606 | 44,808 |
| Cotton and wool ³ | 2,712 | 1,172 | 3,221 | 5,284 | 3,160 | 8,652 |
| Silk and rayon ³ | 1,146 | 1,141 | 1,719 | 2,708 | 3,418 | 7,813 |
| Rayon and wool, seamless..... | 304 | ³ 190 | ³ 343 | 342 | ³ 466 | ³ 1,619 |
| Rayon and cotton ³ | 7,370 | 8,485 | 9,615 | 8,349 | 10,446 | 18,411 |
| Silk and cotton ³ | 133 | | | 382 | | |
| Other mixtures ^{2,4} | 1,086 | ⁴ 3,569 | ⁴ 2,687 | ⁴ 2,113 | ⁴ 6,138 | ⁴ 10,023 |
| Women's, total..... | 45,640 | 42,652 | 51,216 | 184,830 | 236,733 | 372,014 |
| Full-fashioned..... | 31,580 | 28,744 | 31,085 | 161,609 | 208,044 | 306,641 |
| Seamless..... | 14,060 | 13,908 | 20,131 | 23,222 | 28,690 | 65,373 |
| All-cotton: | | | | | | |
| Full-fashioned..... | 179 | 198 | 341 | 411 | 626 | 1,064 |
| Seamless..... | 5,748 | 4,161 | 6,928 | 6,975 | 5,508 | 11,612 |
| All-pure-thread-silk: | | | | | | |
| Full-fashioned..... | 13,370 | 9,075 | 5,816 | 71,947 | 73,197 | 67,404 |
| Seamless..... | 489 | 466 | 663 | 1,342 | 2,128 | 4,221 |
| Pure-thread-silk with lisle or cotton tops, heels, and toes: | | | | | | |
| Full-fashioned..... | 15,636 | 17,410 | 19,224 | 78,141 | 123,417 | 192,354 |
| Seamless..... | 1,384 | 835 | 2,624 | 4,260 | 4,046 | 17,615 |
| All-rayon: | | | | | | |
| Full-fashioned..... | 213 | | | 831 | | |
| Seamless..... | 902 | | | 1,306 | | |
| Rayon with cotton tops, heels, and toes: | | | | | | |
| Full-fashioned..... | ⁴ 1,106 | ⁴ 1,665 | ⁴ 1,806 | ⁴ 1,306 | ⁴ 4,034 | ⁴ 10,211 |
| Seamless..... | ⁴ 6,020 | ⁴ 5,475 | ⁴ 5,475 | ⁴ 1,249 | ⁴ 11,497 | ⁴ 15,538 |
| All-wool, full-fashioned, and seamless..... | 325 | | | 5,532 | | |
| Cotton and wool, full-fashioned, and seamless ⁵ | 3,348 | | | 157 | | |
| Silk and rayon: | | | | | | |
| Full-fashioned..... | 65 | 85 | 250 | 135 | 312 | 1,135 |
| Seamless..... | 39 | | | | | |
| Rayon and wool, full-fashioned, and seamless..... | 267 | 181 | 1,038 | 746 | 942 | 6,276 |
| Seamless..... | 162 | 616 | 1,327 | 305 | 1,859 | 6,174 |
| Rayon and wool, full-fashioned, and seamless..... | 27 | 145 | 354 | 75 | 446 | 2,063 |

For footnotes, see end of table.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929—Continued

| | QUANTITY ¹ | | | VALUE IN THOUSANDS OF DOLLARS ¹ | | |
|--|------------------------------|------------------------------|------------------------------|--|---------|---------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| Knit goods—Continued. | | | | | | |
| Hosiery, except infants' and athletic, and golf hose—Continued. | | | | | | |
| Women's—Continued. | <i>M doz. pairs</i> | <i>M doz. pairs</i> | <i>M doz. pairs</i> | | | |
| Silk and cotton ⁷ | 36 | | 94 | 251 | | 961 |
| Silk and cotton:..... | | | | | | |
| Full-fashioned..... | 1,378 | 2,353 | 2,599 | 7,993 | 4,782 | 26,875 |
| Seamless..... | 54 | | 80 | 157 | | 385 |
| Rayon and cotton ⁸ | 1,446 | | 2,210 | 2,217 | | 5,513 |
| Triple mixtures ⁹ | 571 | | 527 | 1,220 | | 2,586 |
| Boys', misses', and children's, principally seamless, total..... | 12,806 | 13,128 | 15,188 | 16,085 | 16,931 | 31,123 |
| All-cotton..... | 8,429 | 7,060 | 9,694 | 10,162 | 9,667 | 16,789 |
| All-wool..... | 21 | 13 | 43 | 55 | 34 | 192 |
| All-pure-thread-silk..... | 32 | 15 | 36 | 79 | 51 | 218 |
| All-rayon..... | 74 | 73 | 302 | 94 | 142 | 924 |
| Rayon with cotton tops, heels, and toes..... | 584 | 738 | 730 | 621 | 1,101 | 1,570 |
| Cotton and wool..... | 137 | 62 | 359 | 293 | 197 | 1,145 |
| Silk and rayon..... | 27 | 30 | 92 | 50 | 65 | 368 |
| Rayon and wool..... | 64 | 121 | 258 | 159 | 353 | 1,002 |
| Rayon and cotton..... | 3,271 | 4,343 | 3,480 | 4,166 | 3,887 | 8,094 |
| Other mixtures ¹⁰ | 167 | 672 | 193 | 405 | 1,434 | 821 |
| Infants' hosiery, seamless, total..... | 6,143 | 5,529 | 6,175 | 6,976 | 7,689 | 11,244 |
| All-cotton..... | 2,369 | 1,677 | 1,778 | 2,493 | 2,088 | 2,577 |
| All-pure-thread-silk..... | 22 | 20 | 57 | 63 | 51 | 280 |
| Silk and wool..... | 28 | 39 | 42 | 78 | 128 | 188 |
| Rayon and wool..... | 115 | 84 | 182 | 271 | 217 | 456 |
| Rayon and cotton..... | 2,180 | 1,394 | 1,468 | 2,303 | 1,924 | 2,513 |
| Other mixtures ¹¹ | 1,430 | 2,315 | 2,647 | 1,768 | 3,282 | 5,230 |
| Underwear, total..... | | | | 76,967 | 79,930 | 135,092 |
| | <i>M doz. pieces</i> | <i>M doz. pieces</i> | <i>M doz. pieces</i> | | | |
| Shirts and drawers, total..... | 10,414 | 7,959 | 8,802 | 25,780 | 25,258 | 37,670 |
| All-cotton..... | 9,084 | 6,447 | 7,180 | 18,236 | 16,382 | 23,089 |
| All-wool..... | 54 | 40 | 50 | 530 | 430 | 816 |
| Cotton and wool mixed..... | 458 | 159 | 330 | 3,330 | 1,581 | 4,301 |
| Rayon..... | 557 | 733 | 1,002 | 2,399 | 3,990 | 6,960 |
| Other fibers ¹² | 260 | 580 | 190 | 1,285 | 2,875 | 2,504 |
| Union suits, total..... | <i>M doz.</i> 8,168 | <i>M doz.</i> 6,888 | <i>M doz.</i> 8,891 | 39,335 | 40,452 | 70,837 |
| All-cotton..... | 7,483 | 5,893 | 7,378 | 32,554 | 31,309 | 50,308 |
| All-wool..... | 78 | 26 | 136 | 1,059 | 519 | 3,077 |
| Cotton and wool mixed..... | 417 | 369 | 811 | 4,265 | 4,843 | 11,725 |
| Rayon..... | 102 | 399 | 481 | 849 | 2,551 | 4,802 |
| Other fibers ¹³ | 89 | 201 | 85 | 608 | 1,230 | 1,335 |
| Bloomers and step-ins, total..... | 2,308 | 1,862 | 2,383 | 8,084 | 8,073 | 18,319 |
| All-cotton..... | 1,077 | 784 | 482 | 2,184 | 1,698 | 1,706 |
| Silk..... | 37 | 89 | 92 | 406 | 1,060 | 1,925 |
| Rayon..... | 975 | 911 | 1,715 | 4,215 | 4,869 | 13,812 |
| Other fibers ¹⁴ | 219 | 78 | 94 | 1,280 | 446 | 877 |
| Slips and petticoats..... | 82 | 109 | 259 | 852 | 1,861 | 2,120 |
| Infants' underwear..... | (12) | (12) | (12) | 2,915 | 4,785 | 6,146 |
| Outer wear, total..... | | | | 93,868 | 112,180 | 149,856 |
| Sweaters, sweater coats, jerseys, etc..... | 4,999 | 4,032 | 4,807 | 47,962 | 56,077 | 89,429 |
| Bathing suits..... | 833 | 963 | 1,021 | 11,349 | 12,859 | 22,084 |
| Scarfs and shawls..... | 178 | 58 | 127 | 1,089 | 554 | 1,163 |
| Knit headwear (except infants')..... | 1,147 | 1,078 | 783 | 3,477 | 3,279 | 3,783 |
| Neckties..... | 56 | 131 | 628 | 219 | 327 | 1,717 |
| Athletic and golf hose..... | <i>M doz. pairs</i> 2,295 | <i>M doz. pairs</i> 2,132 | <i>M doz. pairs</i> 1,105 | 3,701 | 4,881 | 4,770 |
| Dresses and suits..... | <i>Thous.</i> 2,908 | <i>Thous.</i> 2,906 | <i>Thous.</i> 1,023 | 15,406 | 20,689 | 11,160 |
| Infants' outerwear..... | (12) | (12) | (12) | 5,689 | 8,337 | 8,304 |
| Other outerwear..... | (12) | (12) | (12) | 4,977 | 5,176 | 7,359 |

For footnotes, see end of table.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929—Continued

| | QUANTITY ¹ | | | VALUE IN THOUSANDS OF DOLLARS ¹ | | |
|--------------------------------------|-----------------------|-------------------|-------------------|--|--------|--------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| Knit goods—Continued. | | | | | | |
| Knit cloth, total..... | | | | 46,537 | 50,054 | 67,819 |
| | <i>M lb.</i> | <i>M sq. yd.</i> | <i>M sq. yd.</i> | | | |
| Wool jersey..... | 3,425 | 12,959 | 7,212 | 4,302 | 7,623 | 7,742 |
| Other knit woollens..... | 4,911 | 4,563 | 2,509 | 5,822 | 5,077 | 4,409 |
| Silk jersey, including milanese..... | 687 | 6,025 | 4,127 | 1,432 | 2,558 | 3,116 |
| Rayon tubing..... | 19,705 | 74,106 | 49,948 | 15,335 | 19,180 | 29,761 |
| Other knit rayons..... | 5,051 | 3,302 | 1,614 | 4,522 | 1,405 | 891 |
| Cotton jersey..... | 7,388 | 15,250 | 14,234 | 2,212 | 2,161 | 4,766 |
| Corset cloth..... | 1,526 | 5,621 | 4,858 | 2,787 | 2,828 | 4,492 |
| Glove and shoe linings..... | (¹²) | (¹²) | (¹²) | 1,323 | 1,053 | 4,655 |
| Stockinet..... | (¹²) | (¹²) | (¹²) | 1,110 | 287 | 1,234 |
| Other knit cloth..... | (¹²) | (¹²) | (¹²) | 7,603 | 7,871 | 6,764 |
| Other knit goods..... | | | | 11,909 | 9,855 | 16,783 |

¹ See sec. 25, p. 13.

² For athletic and golf hose, see "Outerwear" section of this table.

³ Principally seamless, but includes data for small amounts of full-fashioned hosiery.

⁴ Combined to avoid disclosing approximations of data for individual establishments.

⁵ Silk and wool and triple mixtures.

⁶ Principally full-fashioned for 1933 and seamless for 1931 and 1929.

⁷ Principally full-fashioned for 1933 and seamless for 1929.

⁸ Silk and wool, silk and cotton, and triple mixtures. Includes also silk with lisle or cotton tops, heels, and toes, for 1931 and 1929.

⁹ All-wool; silk with lisle or cotton tops, heels, and toes; all-rayon; rayon with cotton tops, heels, and toes; cotton and wool; silk and cotton; silk and rayon; triple mixtures.

¹⁰ Includes silk and mixed silk and rayon.

¹¹ Includes wool, cotton and wool, and silk and rayon.

¹² No data.

TABLE 3.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES:
1933 AND 1931

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8.) See sec. 26, p. 13]

| | 1933 ¹ | | | | 1931 | | | |
|---------------------|-------------------|---------|---------|---------|---------|---------|---------|---------|
| | Mar. | June | Sept. | Dec. | Mar. | June | Sept. | Dec. |
| United States..... | 169,476 | 194,750 | 208,832 | 189,719 | 175,448 | 178,797 | 184,217 | 178,649 |
| <i>States</i> | | | | | | | | |
| Alabama..... | 3,834 | 4,284 | 3,718 | 3,607 | 3,115 | 3,437 | 3,381 | 3,332 |
| California..... | 1,592 | 1,558 | 1,767 | 1,838 | 1,775 | 1,649 | 1,745 | 1,777 |
| Connecticut..... | 903 | 1,269 | 1,549 | 1,223 | 964 | 1,021 | 1,011 | 974 |
| Georgia..... | 6,155 | 7,114 | 6,895 | 6,523 | 5,316 | 5,465 | 5,728 | 5,592 |
| Illinois..... | 3,668 | 4,329 | 4,256 | 4,097 | 3,966 | 3,842 | 3,895 | 3,894 |
| Indiana..... | 3,834 | 4,074 | 5,415 | 4,956 | 3,754 | 3,870 | 4,041 | 3,874 |
| Kentucky..... | 1,295 | 1,296 | 1,605 | 1,155 | 1,071 | 897 | 991 | 1,119 |
| Louisiana..... | 712 | 883 | 934 | 781 | 778 | 788 | 822 | 844 |
| Maryland..... | 600 | 785 | 871 | 773 | 589 | 625 | 629 | 588 |
| Massachusetts..... | 6,637 | 7,694 | 8,857 | 7,423 | 8,045 | 7,575 | 8,128 | 7,399 |
| Michigan..... | 1,895 | 1,928 | 2,578 | 2,462 | 1,844 | 1,690 | 1,810 | 1,682 |
| Minnesota..... | 2,340 | 2,422 | 2,849 | 2,717 | 2,301 | 2,347 | 2,210 | 2,078 |
| Mississippi..... | 905 | 1,106 | 888 | 874 | 574 | 610 | 551 | 581 |
| New Hampshire..... | 1,070 | 1,391 | 1,504 | 1,053 | 1,459 | 1,681 | 1,739 | 1,473 |
| New Jersey..... | 4,908 | 5,606 | 7,003 | 5,985 | 5,788 | 5,369 | 5,586 | 5,317 |
| New York..... | 19,009 | 23,424 | 26,996 | 21,342 | 24,391 | 24,463 | 26,532 | 23,374 |
| North Carolina..... | 26,081 | 30,163 | 29,825 | 23,714 | 22,781 | 23,573 | 24,097 | 23,836 |
| Ohio..... | 2,796 | 4,488 | 5,268 | 4,009 | 3,028 | 3,202 | 3,789 | 2,640 |
| Oregon..... | 389 | 470 | 204 | 400 | 591 | 411 | 521 | 580 |
| Pennsylvania..... | 50,188 | 53,444 | 56,190 | 53,957 | 51,022 | 52,889 | 51,020 | 53,613 |
| Rhode Island..... | 854 | 1,094 | 1,272 | 1,014 | 921 | 1,209 | 1,337 | 1,093 |
| South Carolina..... | 918 | 1,007 | 1,205 | 1,033 | 937 | 1,005 | 982 | 943 |
| Tennessee..... | 15,209 | 19,297 | 19,669 | 17,636 | 15,239 | 15,701 | 17,089 | 16,676 |
| Utah..... | 203 | 278 | 336 | 263 | 293 | 333 | 351 | 267 |
| Vermont..... | 801 | 1,042 | 1,194 | 888 | 696 | 742 | 820 | 715 |
| Virginia..... | 3,226 | 4,170 | 4,303 | 3,767 | 2,523 | 2,668 | 3,000 | 2,960 |
| Washington..... | 123 | 140 | 124 | 107 | 161 | 160 | 174 | 183 |
| Wisconsin..... | 7,177 | 7,600 | 8,783 | 8,418 | 8,941 | 9,023 | 8,876 | 8,084 |

¹ See sec. 5, p. 4, and sec. 13, p. 8. The 1,163 establishments canvassed with the standard schedule reported wage earners, by months, as follows:

| | | | | | |
|---------------|---------|-------------|---------|----------------|---------|
| January..... | 166,979 | May..... | 177,640 | September..... | 200,567 |
| February..... | 166,766 | June..... | 187,452 | October..... | 201,466 |
| March..... | 163,959 | July..... | 187,813 | November..... | 191,688 |
| April..... | 168,362 | August..... | 197,573 | December..... | 183,139 |

SILK AND RAYON GOODS

[A preliminary report for this industry was issued on Dec. 3, 1934]

Description of the industry.—This industry embraces two classes of establishments: (1) Those engaged primarily in the manufacture of silk and rayon fabrics and other finished silk and rayon products, not including knit fabrics, hosiery, and other knit goods made of silk and rayon, which are treated as products of the "Knit goods" industry and covered by a separate report; (2) those engaged primarily in the manufacture of silk yarn (known technically as organzine, tram, and hard or crepe twist) and spun silk, in throwing, twisting, or otherwise changing rayon yarn into different forms from those in which it was purchased, and in the dressing of warps. The greater part of the work performed by throwsters and by warpers is done on contract. Manufacturers of rayon yarn are classified in the "Rayon and allied products" industry.

Organzine and tram, which, when used in weaving, constitute, respectively, the warp and the filling of silk fabrics, are made from raw silk by the process of "throwing." Hard or crepe twist is yarn to which an extra twist has been given. Spun silk is produced by spinning the short-fibered silk from pierced cocoons or from waste silk which cannot be thrown by the usual method.

Extent of coverage.—The 1933 coverage of the establishments reporting in this industry for 1931 was slightly, but not seriously, incomplete. Of the 1,211 such establishments, 71 failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, but these establishments accounted for only a little more than 1 percent of the total number of wage earners and less than 1 percent of the total value of products reported for the industry for 1931.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of contract work | Cost of materials, fuel, and purchased electric energy | Value of products | Value added by manufacture ³ |
|---|--------------------------|---|---|-----------------------|---------|-----------------------|--|-------------------|---|
| | | | | | | | | | |
| <i>United States</i> | | | | | | | | | |
| 1933..... | 1,087 | 4,647 | 110,322 | 7,976 | 74,110 | 17,626 | 143,611 | 290,578 | 146,060 |
| 1931..... | 1,211 | (⁴) | 109,225 | (⁴) | 97,400 | 32,695 | 212,847 | 422,772 | 209,025 |
| 1929..... | 1,491 | 7,851 | 130,467 | 23,093 | 137,547 | 36,800 | 412,181 | 731,200 | 319,019 |
| 1927..... | 1,648 | 8,415 | 127,643 | 21,921 | 140,054 | 38,276 | 445,391 | 750,124 | 304,733 |
| <i>States</i> | | | | | | | | | |
| Alabama: 1933 ⁵ | 4 | 14 | 455 | 30 | 182 | ----- | 224 | 594 | 370 |
| Connecticut: | | | | | | | | | |
| 1933..... | 36 | 539 | 8,527 | 925 | 7,049 | 1,227 | 11,288 | 23,243 | 11,065 |
| 1931..... | 37 | (⁴) | 9,662 | (⁴) | 10,208 | 2,475 | 17,575 | 36,736 | 19,161 |
| Maryland: | | | | | | | | | |
| 1933..... | 6 | 18 | 600 | 22 | 296 | 31 | 198 | 685 | 487 |
| 1931..... | 6 | (⁴) | 724 | (⁴) | 480 | 19 | 281 | 1,139 | 868 |
| Massachusetts: | | | | | | | | | |
| 1933..... | 42 | 337 | 9,278 | 719 | 6,515 | 1,233 | 11,543 | 23,937 | 12,394 |
| 1931..... | 38 | (⁴) | 6,939 | (⁴) | 5,810 | 1,525 | 10,469 | 22,920 | 12,462 |
| New Jersey: | | | | | | | | | |
| 1933..... | 378 | 705 | 10,705 | 1,134 | 8,522 | 1,794 | 14,642 | 31,533 | 16,891 |
| 1931..... | 448 | (⁴) | 13,626 | (⁴) | 15,009 | 4,247 | 27,682 | 58,030 | 30,348 |
| New York: | | | | | | | | | |
| 1933..... | 107 | 367 | 6,114 | 692 | 4,548 | 2,993 | 11,555 | 23,966 | 12,411 |
| 1931..... | 129 | (⁴) | 7,290 | (⁴) | 7,419 | 7,715 | 25,995 | 49,437 | 23,441 |
| North Carolina: | | | | | | | | | |
| 1933..... | 29 | 243 | 9,284 | 388 | 6,024 | 641 | 18,058 | 31,289 | 13,231 |
| 1931..... | 24 | (⁴) | 5,810 | (⁴) | 4,768 | 341 | 15,959 | 24,890 | 8,931 |
| Pennsylvania: | | | | | | | | | |
| 1933..... | 397 | 1,828 | 49,215 | 3,086 | 30,259 | 7,961 | 51,196 | 109,925 | 58,729 |
| 1931..... | 430 | (⁴) | 49,938 | (⁴) | 40,815 | 14,233 | 78,525 | 167,520 | 88,095 |
| Rhode Island: | | | | | | | | | |
| 1933..... | 36 | 305 | 9,187 | 555 | 6,628 | 1,579 | 13,970 | 24,965 | 10,995 |
| 1931..... | 41 | (⁴) | 7,060 | (⁴) | 6,952 | 923 | 15,085 | 26,475 | 11,390 |
| South Carolina: 1933 ⁵ | 4 | 13 | 591 | 29 | 362 | 16 | 1,213 | 2,109 | 897 |
| Tennessee: | | | | | | | | | |
| 1933..... | 11 | 42 | 1,195 | 61 | 519 | 100 | 1,126 | 2,261 | 1,135 |
| 1931..... | 9 | (⁴) | 1,034 | (⁴) | 560 | 331 | 1,695 | 3,422 | 1,727 |
| Virginia: | | | | | | | | | |
| 1933..... | 16 | 76 | 2,543 | 122 | 1,483 | 52 | 2,690 | 5,131 | 2,442 |
| 1931..... | 20 | (⁴) | 2,472 | (⁴) | 1,740 | 651 | 3,482 | 6,988 | 3,507 |
| Other States: ⁶ | | | | | | | | | |
| 1933..... | 21 | 160 | 2,628 | 211 | 1,723 | ----- | 5,910 | 10,940 | 5,030 |
| 1931..... | 29 | (⁴) | 4,670 | (⁴) | 3,668 | 234 | 16,099 | 25,215 | 9,116 |

¹ Not including proprietors and firm members, as follows: 1933, 424; 1931, no data; 1929, 721; 1927, 920.² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.³ Value of products less cost of materials, fuel, and purchased electric energy. See sec. 20, p. 11.⁴ No data.⁵ Figures for 1931 withheld to avoid disclosing data for individual establishments; included in those for "Other States."⁶ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Alabama (1931) 2; California, 1, 2; Delaware, 0, 1; Georgia, 3, 3; Illinois, 5, 7; Indiana, 2, 1; Maine, 2, 1; Michigan, 2, 1; Minnesota, 0, 1; New Hampshire, 2, 3; Ohio 1, 1; Oregon, 1, 1; South Carolina (1931) 2; West Virginia, 1, 2; Wisconsin, 1, 1.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929

| | VALUE | | |
|--|---------------|---------------|---------------|
| | 1933 | 1931 | 1929 |
| 1. "Silk and rayon goods" industry, all products, total value... | \$290,577,662 | \$422,771,960 | \$731,200,231 |
| 2. Silk and rayon products..... | 244,563,806 | 372,468,130 | 670,318,985 |
| 3. Other products (not normally belonging to the industry)..... | 6,712,425 | 3,937,435 | 3,607,366 |
| 4. Receipts for contract work..... | 39,301,431 | 46,366,395 | 57,273,880 |
| 5. Silk and rayon products made in other industries, except cotton-and-rayon woven fabrics made in cotton mills..... | 4,203,738 | 3,622,509 | 10,165,940 |

| | QUANTITY ¹ | | | VALUE IN THOUSANDS OF DOLLARS ¹ | | |
|---|-----------------------|--------------|--------------|--|---------|---------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| Silk and rayon products, aggregate value (2, 4, and 5)..... | <i>M lb.</i> | <i>M lb.</i> | <i>M lb.</i> | 288,069 | 422,457 | 737,759 |
| Broad goods ² | 102,460 | 91,714 | 87,230 | 195,076 | 298,527 | 523,272 |
| Threads and yarns made for sale: | | | | | | |
| Silk: | | | | | | |
| Organzine, tram, and crepe twist, total..... | 7,544 | 9,753 | 12,121 | 16,998 | 32,177 | 69,740 |
| Organzine..... | 290 | 792 | 698 | 848 | 2,845 | 4,431 |
| Tram..... | 4,879 | 6,301 | 8,556 | 10,889 | 21,381 | 47,023 |
| Crepe twist..... | 2,375 | 2,661 | 2,867 | 5,261 | 7,950 | 18,285 |
| Spun silk..... | 1,080 | 1,914 | 3,769 | 2,505 | 5,269 | 12,916 |
| Machine twist..... | 271 | 300 | 515 | 1,350 | 1,551 | 4,822 |
| Sewing thread and embroidery and other floss silks..... | 193 | 298 | 335 | 1,449 | 2,141 | 2,864 |
| Rayon: ³ | | | | | | |
| Spun rayon yarns..... | 1,342 | 607 | 912 | 1,148 | 428 | 964 |
| Other rayon yarns..... | 4,715 | 3,865 | 4,282 | 5,292 | 5,357 | 7,803 |
| Other yarns (principally silk-mixed and rayon-mixed)..... | 2,968 | 2,391 | 3,737 | 4,106 | 3,783 | 7,200 |
| Ribbons, total..... | | | | 10,847 | 15,388 | 25,008 |
| All-silk..... | | | | 900 | 2,096 | 4,444 |
| All-rayon..... | | | | 1,277 | 749 | |
| Rayon-and-cotton mixed..... | | | | 1,636 | 2,505 | 4,119 |
| Silk-and-rayon mixed..... | | | | 4,584 | 6,336 | 9,474 |
| Silk-and-cotton mixed..... | | | | 2,402 | 3,702 | 6,972 |
| Fringes and gimps (principally rayon-and-cotton mixed)..... | | | | 1,207 | 4,075 | 7,839 |
| Braids, total..... | | | | 408 | 1,909 | 4,338 |
| Rayon-and-cotton mixed..... | | | | 306 | 1,498 | 2,056 |
| Other..... | | | | 103 | 411 | 2,332 |
| Woven labels, total..... | | | | 1,687 | 2,259 | 4,547 |
| All-silk..... | | | | 288 | 4,252 | 468 |
| Silk-and-rayon mixed..... | | | | 601 | 545 | 655 |
| Silk-and-cotton mixed..... | | | | 440 | 740 | 2,882 |
| Rayon-and-cotton mixed..... | | | | 360 | 723 | 341 |
| Silk warps and rayon warps made for sale..... | | | | 692 | 499 | 1,583 |
| Other silk and rayon products ⁴ | | | | 1,495 | 2,727 | 7,440 |
| Amount received for contract work..... | | | | 39,301 | 46,366 | 57,274 |
| Undistributed..... | | | | 4,506 | | |

¹ See sec. 25, p. 13.² For detailed statistics on production of broad goods, see table 3.³ The manufacture of rayon yarns is classified in the "Rayon and allied products" industry. (See "Description of the industry," p. 175.) The figures for rayon yarns given in this report refer to yarns further thrown, twisted, or otherwise prepared by establishments in the "Silk and rayon goods" industry.⁴ Includes value of "all-rayon"; figures combined to avoid disclosing approximations of data for individual establishments. (No "all-rayon" reported for 1929 or 1933.)⁵ Cords, tassels, trimmings, and miscellaneous silk and rayon goods.

TABLE 3.—BROAD GOODS—DETAILED STATISTICS OF PRODUCTION, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933 AND 1931

| | QUANTITY ¹ | | | | VALUE IN THOUSANDS OF DOLLARS ¹ | |
|---|-----------------------|--------------------|--------------|------------------|--|---------|
| | 1933 | | 1931 | | 1933 | 1931 |
| | <i>M lb.</i> | <i>M sq. yd.</i> | <i>M lb.</i> | <i>M sq. yd.</i> | | |
| Aggregate..... | 102,460 | 570,695 | 91,714 | 579,923 | 195,076 | 208,527 |
| Broad goods (except velvets, plushes, upholsteries, and tapestries), total..... | 98,215 | 558,881 | 86,370 | 566,864 | 184,564 | 281,617 |
| All-silk..... | 23,103 | 201,438 | 46,719 | 386,294 | 77,112 | 209,838 |
| All-rayon ² | 53,335 | 272,822 | 23,069 | 109,390 | 78,799 | 38,401 |
| Silk-and-rayon mixed..... | 5,711 | 30,183 | 2,391 | 13,371 | 13,356 | 8,646 |
| Silk-and-cotton mixed ³ | 1,161 | 5,226 | 2,283 | 8,988 | 2,583 | 7,401 |
| Rayon-and-cotton mixed ⁴ | 12,202 | 46,955 | 10,188 | 41,077 | 11,574 | 12,219 |
| Other mixed goods..... | 704 | 2,256 | 1,720 | 7,734 | 1,139 | 5,112 |
| Velvets, total..... | 2,672 | 7,857 | 2,520 | 7,346 | 8,684 | 12,283 |
| Silk-and-rayon mixed..... | 2,067 | 6,214 | 1,490 | 4,961 | 6,568 | 8,699 |
| Other..... | ⁵ 605 | ⁶ 1,643 | 1,030 | 2,386 | ⁷ 2,117 | 3,585 |
| Plushes..... | 773 | 1,061 | 1,442 | 1,879 | 704 | 2,091 |
| Upholsteries (except velvets and plushes), total..... | 405 | 1,184 | 909 | 2,909 | 697 | 2,078 |
| All-silk..... | 49 | 166 | 50 | 343 | 164 | 424 |
| Other..... | ⁸ 356 | ⁹ 1,018 | 860 | 2,566 | ¹⁰ 533 | 1,654 |
| Tapestries..... | 395 | 1,712 | 472 | 925 | 367 | 608 |

¹ See sec. 25, p. 13.² The all-rayon and the cotton-and-rayon mixed items in this report represent fabrics manufactured in silk mills only. The combined production of all-rayon, cotton-and-rayon mixed, and cotton-and-silk mixed goods specifically reported by establishments in the "Cotton goods" industry was as follows: 1933, 271,652,319 square yards, valued at \$46,664,715; 1931, 314,936,939 square yards, valued at \$62,851,329.³ Principally all-rayon.⁴ Principally rayon-and-cotton mixed.

TABLE 4.—THROWN SILK PRODUCED FOR SALE AND SILK AND RAYON THROWN ON COMMISSION, FOR THE UNITED STATES: 1933, 1931, AND 1929

[No data on silk or rayon thrown for consumption in the same establishments have been collected]

| | QUANTITY IN THOUSANDS OF POUNDS ¹ | | | VALUE IN THOUSANDS OF DOLLARS ¹ | | |
|---------------------------------------|--|--------|--------|--|--------|--------|
| | 1933 | 1931 | 1929 | 1933 | 1931 | 1929 |
| Thrown silk: | | | | | | |
| Produced for sale as such, total..... | 7,544 | 9,753 | 12,121 | 16,998 | 32,177 | 69,740 |
| Organzine..... | 280 | 792 | 698 | 848 | 2,845 | 4,431 |
| Tram..... | 4,879 | 6,301 | 8,556 | 10,889 | 21,381 | 47,023 |
| Crepe twist..... | 2,375 | 2,661 | 2,867 | 5,261 | 7,950 | 18,286 |
| Thrown on commission, total..... | 24,626 | 32,770 | 36,456 | (?) | (?) | (?) |
| Organzine..... | 955 | 1,589 | 4,862 | (?) | (?) | (?) |
| Tram..... | 13,024 | 12,826 | 14,910 | (?) | (?) | (?) |
| Crepe twist..... | 10,646 | 18,354 | 16,684 | (?) | (?) | (?) |
| Rayon thrown on commission..... | 18,423 | 6,389 | 6,486 | (?) | (?) | (?) |

¹ See sec. 25, p. 13.² Not called for on schedule.

TABLE 5.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES: 1933 AND 1931

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8.) See sec. 26, p. 13]

| | 1933 ¹ | | | | 1931 | | | |
|---------------------|-------------------|---------|-----------|----------|---------|---------|-----------|----------|
| | March | June | September | December | March | June | September | December |
| United States..... | 91,922 | 113,747 | 113,778 | 114,534 | 119,268 | 101,026 | 105,433 | 106,872 |
| <i>States</i> | | | | | | | | |
| Alabama..... | 456 | 441 | 471 | 418 | (2) | (2) | (2) | (2) |
| Connecticut..... | 7,502 | 8,671 | 10,143 | 8,222 | 9,960 | 9,908 | 9,336 | 9,166 |
| Illinois..... | 979 | 1,076 | 1,219 | 1,100 | 1,331 | 1,259 | 1,119 | 1,097 |
| Maryland..... | 413 | 699 | 738 | 420 | 705 | 851 | 696 | 731 |
| Massachusetts..... | 7,413 | 9,135 | 10,622 | 9,754 | 7,794 | 6,875 | 6,497 | 6,299 |
| New Jersey..... | 10,507 | 12,469 | 6,893 | 12,318 | 15,732 | 12,985 | 11,574 | 13,096 |
| New York..... | 5,593 | 6,291 | 5,962 | 6,062 | 7,997 | 6,721 | 6,690 | 7,076 |
| North Carolina..... | 5,897 | 10,425 | 9,838 | 9,743 | 5,458 | 5,768 | 6,425 | 5,953 |
| Pennsylvania..... | 40,775 | 49,517 | 50,961 | 51,262 | 54,972 | 43,230 | 49,343 | 49,956 |
| Rhode Island..... | 7,604 | 9,717 | 10,185 | 8,487 | 8,083 | 6,429 | 6,735 | 6,780 |
| South Carolina..... | 487 | 594 | 659 | 606 | (2) | (2) | (2) | (2) |
| Tennessee..... | 1,125 | 1,254 | 1,201 | 1,246 | 939 | 1,067 | 1,156 | 1,056 |
| Virginia..... | 1,993 | 2,191 | 3,183 | 2,981 | 2,504 | 2,305 | 2,545 | 2,465 |

¹ See sec. 5, p. 4, and sec. 13, p. 8. The 708 establishments canvassed with the standard schedule reported wage earners, by months, as follows:

| | | | | | |
|---------------|---------|-------------|---------|----------------|---------|
| January..... | 101,468 | May..... | 98,256 | September..... | 108,368 |
| February..... | 99,742 | June..... | 105,281 | October..... | 101,082 |
| March..... | 84,655 | July..... | 117,098 | November..... | 104,476 |
| April..... | 88,788 | August..... | 120,883 | December..... | 106,651 |

² Figures withheld to avoid disclosing data for individual establishments.

WEARING APPAREL

Industries covered.—Statistics are presented in detail in this report for the following industries:

Clothing (except work clothing), men's, youths', and boys', not elsewhere classified.

Clothing, work (including work shirts), men's.

Clothing, women's, not elsewhere classified.

Collars, men's.

Corsets and allied garments.

Furnishing goods, men's, not elsewhere classified.

Gloves and mittens, cloth or cloth and leather combined, made from purchased fabrics.

Handkerchiefs.

Hats, fur-felt.

Millinery.

Shirts (except work shirts) and nightwear, men's.

Descriptions of these industries are given in the respective sections of this report, beginning on page 183.

Summary statistics only are given for the following industries (see table on p. 181), but additional statistics for those industries whose names are preceded by asterisks will be found elsewhere in this volume.

*Boots and shoes, other than rubber.

*Boots and shoes, rubber.

Clothing, men's, buttonholes.

*Fur goods.

Gloves and mittens, leather.

Hats, wool-felt.

Hats, straw, men's.

Hats and caps, except felt and straw, men's.

*Knit goods (except knit cloth).

Suspenders, garters, and other elastic woven goods, made from purchased webbing.

Contract work.—In the men's clothing and women's clothing industries considerable amounts of work are done on materials belonging to others by establishments engaged solely or mainly in contract work. Because of the importance of this class of work, separate statistics for contract shops are given in table 1 of the report for each of these industries.

Cotton garments.—The table on page 182 gives statistics, by quantity and value, on the production of cotton wearing apparel—outerwear, underwear, nightwear, shirts, and collars—in 1933. (Figures for shirts and sleeping garments made of materials other than cotton are also included because such garments are covered by the Cotton-Garment code.) The figures have been assembled from data reported by establishments in the several industries in which these classes of apparel are made, and represent the total production of such apparel, so far as separately reported to the Bureau. No corresponding figures for earlier years are available.

Monthly statistics.—The Bureau of the Census collects and publishes monthly statistics on "Men's and boys' clothing cut" and "Work clothing—Garments cut."

WEARING APPAREL

181

SUMMARY FOR ALL WEARING APPAREL INDUSTRIES, 1927 TO 1933 AND FOR INDIVIDUAL INDUSTRIES, 1933, FOR THE UNITED STATES

| | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ² | Wages | Cost of materials, containers, fuel, and purchased electric energy | Value of products and receipts for contract work | Value added by manufacture ³ |
|--|--------------------------|---|---|-----------------------|-------------|--|--|---|
| <i>Thousands of dollars. (See sec. 25, p. 13)</i> | | | | | | | | |
| WEARING APPAREL (NOT INCLUDING CUSTOM-MADE CLOTHING), ALL INDUSTRIES: | | | | | | | | |
| 1933..... | 15, 026 | 59, 439 | 886, 272 | 90, 209 | 637, 281 | 1, 534, 335 | 3, 000, 360 | 1, 466, 025 |
| 1931..... | 19, 335 | (⁴) | 878, 583 | (⁴) | 805, 991 | 2, 052, 517 | 3, 994, 993 | 1, 942, 476 |
| 1929..... | 22, 631 | 104, 959 | 1, 014, 759 | 290, 583 | 1, 121, 992 | 3, 086, 495 | 5, 877, 807 | 2, 791, 311 |
| 1927..... | 21, 796 | 107, 673 | 962, 466 | 254, 162 | 1, 091, 270 | 2, 976, 879 | 5, 684, 157 | 2, 707, 278 |
| <i>Industries: 1933</i> | | | | | | | | |
| Clothing: | | | | | | | | |
| Men's, youths', and boys', total..... | 2, 794 | 11, 389 | 174, 772 | 16, 942 | 118, 483 | 297, 136 | 580, 821 | 283, 685 |
| Men's, youths', and boys', except work..... | 2, 219 | 8, 978 | 119, 253 | 13, 547 | 92, 266 | 214, 640 | 445, 220 | 230, 580 |
| Work clothing..... | 558 | 2, 402 | 55, 281 | 3, 388 | 26, 071 | 82, 469 | 135, 336 | 52, 867 |
| Buttonholes (contract work)..... | 17 | 9 | 238 | 8 | 146 | 27 | 265 | 238 |
| Women's, not elsewhere classified..... | 5, 350 | 12, 836 | 159, 832 | 19, 689 | 127, 418 | 456, 424 | 846, 300 | 389, 876 |
| Shirts..... | 585 | 2, 397 | 53, 816 | 3, 174 | 26, 113 | 59, 657 | 119, 717 | 60, 060 |
| Collars..... | 11 | 102 | 1, 213 | 117 | 793 | 1, 602 | 3, 236 | 1, 635 |
| Furnishing goods, men's, not elsewhere classified..... | 363 | 1, 227 | 16, 676 | 1, 745 | 9, 521 | 31, 423 | 55, 659 | 24, 236 |
| Hats and caps: | | | | | | | | |
| Hats, fur-felt, men's and women's..... | 117 | 833 | 12, 540 | 1, 509 | 11, 935 | 19, 138 | 40, 600 | 21, 462 |
| Hats, wool-felt, men's and women's..... | 9 | 44 | 1, 631 | 105 | 1, 264 | 1, 838 | 4, 369 | 2, 531 |
| Hats, straw, men's..... | 46 | 229 | 3, 147 | 300 | 2, 056 | 5, 217 | 9, 947 | 4, 730 |
| Hats and caps, except felt and straw, men's..... | 299 | 382 | 4, 053 | 505 | 2, 968 | 6, 181 | 12, 659 | 6, 478 |
| Millinery..... | 834 | 1, 863 | 22, 574 | 2, 812 | 20, 313 | 34, 646 | 77, 347 | 42, 701 |
| Boots and shoes: | | | | | | | | |
| Rubber..... | 13 | 2, 029 | 18, 102 | 3, 169 | 14, 440 | 14, 124 | 42, 019 | 27, 895 |
| Other than rubber..... | 1, 132 | 11, 881 | 190, 914 | 17, 830 | 142, 054 | 286, 303 | 553, 425 | 267, 122 |
| Fur goods..... | 1, 463 | 1, 572 | 8, 210 | 2, 146 | 11, 500 | 50, 061 | 80, 524 | 30, 464 |
| Gloves and mittens, not made in knitting mills:⁵ | | | | | | | | |
| Cloth or cloth and leather combined..... | 91 | 289 | 8, 586 | 389 | 3, 547 | 8, 743 | 10, 012 | 7, 270 |
| Leather..... | 194 | 630 | 8, 129 | 937 | 6, 434 | 11, 377 | 23, 470 | 12, 093 |
| Knit goods (except knit cloth)..... | 1, 410 | 9, 327 | 180, 742 | 15, 124 | 124, 784 | 205, 375 | 448, 457 | 243, 082 |
| Corsets and allied garments..... | 179 | 1, 765 | 14, 017 | 2, 750 | 9, 388 | 29, 035 | 58, 092 | 29, 058 |
| Suspenders, garters, and other elastic woven goods, made from purchased webbing..... | 62 | 386 | 2, 617 | 568 | 1, 827 | 7, 966 | 12, 781 | 4, 785 |
| Handkerchiefs..... | 74 | 258 | 4, 701 | 392 | 2, 442 | 8, 060 | 14, 924 | 6, 864 |

¹ Not including proprietors and firm members, as follows: 1933, 9,623; 1931, no data; 1929, 10,355; 1927, 21,670.² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.⁴ No data.⁵ For value of gloves and mittens made in knit-goods establishments, see footnote 6.⁶ Includes \$2,987,151, value of gloves and mittens made in knitting mills.

COTTON GARMENTS MADE FROM WOVEN FABRICS—PRODUCTION, BY KIND,
QUANTITY, AND VALUE, FOR THE UNITED STATES: 1933

| | 1933 | |
|--|----------------------------|---------------|
| | Quantity | Value |
| Cotton garments, total value ¹ | | \$409,467,975 |
| Men's, youths', and boys', value..... | | 291,000,735 |
| Men's and youths': | | |
| Shirts other than work shirts: | | |
| Cotton..... | <i>Dozens</i> 9,592,789 | 81,239,069 |
| Other than cotton ¹ | 121,744 | 1,345,006 |
| Work shirts (including flannel)..... | 4,999,773 | 23,349,878 |
| Collars..... | 1,981,255 | 3,091,949 |
| Pajamas and nightshirts..... | 1,810,394 | 12,067,206 |
| Pants and knickers..... | 1,047,477 | 12,568,639 |
| | <i>Number</i> | |
| Wash suits..... | 518,345 | 2,058,849 |
| Other cotton outerwear..... | | 1,472,400 |
| Boys': | <i>Dozens</i> | |
| Blouses and shirts..... | 2,217,682 | 10,717,458 |
| Pants and knickers..... | 578,894 | 6,135,522 |
| | <i>Number</i> | |
| Wash suits..... | 11,609,203 | 7,107,545 |
| Windbreakers and lumberjacks (excluding leather) ² | 2,924,542 | 8,614,067 |
| Oiled waterproof outer garments..... | 993,693 | 1,620,500 |
| Washable service apparel (hospital, professional, barber, etc.)..... | 4,354,527 | 4,587,809 |
| Sleeping garments, other than cotton ¹ | 696,826 | 642,491 |
| | <i>Dozens</i> | |
| Overalls, overall jackets, and 1-piece overall suits..... | 7,499,887 | 55,931,094 |
| Work pants and breeches..... | 3,510,383 | 37,002,008 |
| Other work clothing, not specified..... | | 2,770,052 |
| Children's play suits..... | 818,424 | 4,151,012 |
| Athletic (woven-fabric) underwear..... | 6,344,224 | 14,477,592 |
| Women's, misses', and juniors', value..... | | 118,467,240 |
| Dresses: | <i>Number</i> | |
| Made to retail for less than \$10..... | 79,552,664 | 66,830,049 |
| Made to retail for \$10 or more..... | 1,323,916 | 15,953,601 |
| Pajamas and nightgowns (including lounging and beach): | | |
| Cotton except flannelette..... | 12,358,858 | 8,190,204 |
| Flannelette..... | 7,642,917 | 5,079,265 |
| Washable service apparel (nurses' and maids' uniforms)..... | 4,187,672 | 4,746,629 |
| | <i>Dozen pieces</i> | |
| Underwear, woven-fabric..... | 2,037,855 | 7,257,531 |
| Children's, underwear..... | 1,288,280 | 2,630,068 |
| | <i>Dozens</i> | |
| Aprons..... | 1,399,201 | 5,235,491 |
| Smocks..... | 153,684 | 1,189,221 |
| Hoovers..... | 359,532 | 1,355,091 |

¹ See text, "Cotton garments," p. 180.² For sheep-lined garments, see table 2, p. 186.

CLOTHING (EXCEPT WORK CLOTHING), MEN'S, YOUTHS', AND BOYS', NOT ELSEWHERE CLASSIFIED

[A preliminary report was issued for this industry on Dec. 13, 1934]

Description of the industry.—This industry embraces establishments engaged primarily in the manufacture, from purchased fabric, of men's, youths', and boys' outer clothing (including leather, sheep-lined, and blanket-lined), such as overcoats, suits, separate coats, separate trousers, raincoats, and washable service apparel, and of parts of garments, such as shoulder pads, pockets, coat fronts, and padding, made for sale as such. The inclusion of parts necessarily results in some duplication in the figures for cost of materials and value of products for the industry as a whole.

Establishments engaged primarily in the manufacture of sheep-lined and blanket-lined garments, formerly classified in the work-clothing industry, are now assigned to the men's-clothing industry, and those engaged primarily in the manufacture of children's play suits and of oiled waterproof outer-garments, formerly classified in the men's-clothing industry, are now assigned to the work-clothing industry.

As a result of these changes, the figures for 1931 and earlier years as given in table 1 are not strictly comparable with those for 1933. It is improbable, however, that if the 1931 values of products for "All factories and shops" and for "Regular factories" were revised to bring them exactly into line with the 1933 classification, they would exceed the figures given in the table by more than 4 percent. The effect of the change on the comparableness of the 1931 and 1933 figures for contract shops is negligible.

At the Census for 1933, for the first time, the products of the men's-clothing industry were divided into two groups, cotton garments and garments other than cotton, and separate data for these two groups were collected. Statistics on the production of cotton wearing apparel, both in the men's-clothing industry and in other industries, are given in the table on p. 182.

This classification does not cover the manufacture of work clothing, fur and fur-lined garments, hats, gloves and mittens, boots and shoes, hosiery, and underwear, nor the manufacture of outerwear in knitting mills, as these products are classified in other industries. Custom-tailor shops also are not included. (See "Contract work," p. 180.)

Extent of coverage.—As the result of a variety of causes beyond the Bureau's control, including the numerous industrial changes that were taking place during the period, the census coverage of the men's-clothing industry was somewhat, but not seriously, incomplete. Of the 2,945 establishments that reported in this industry for 1931, 274 failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, but these establishments accounted for only a little more than 2 percent of the total number of wage earners and for less than 2 percent of the total value of products reported for the industry for 1931.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES,
1933

[See sec. 26, p.13]

| | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ¹ | Wages | Cost of contract work | Cost of materials, fuel, and purchased electric energy | Value of products | Value added by manufacture ² |
|--|--------------------------|---|---|-----------------------|----------|-----------------------|--|-------------------|---|
| Thousands of dollars. (See sec. 25, p. 13) | | | | | | | | | |
| ALL FACTORIES AND SHOPS | | | | | | | | | |
| <i>United States</i> | | | | | | | | | |
| 1933..... | 2, 219 | 3 8, 978 | 119, 253 | 13, 547 | 92, 206 | 48, 193 | 214, 640 | 445, 220 | 230, 580 |
| Cotton-garment factories and shops..... | 240 | 682 | 12, 207 | 1, 012 | 6, 873 | 1, 841 | 16, 494 | 32, 348 | 15, 854 |
| Factories and shops making garments other than cotton..... | 1, 979 | 8, 296 | 106, 956 | 12, 535 | 85, 393 | 46, 352 | 198, 146 | 412, 872 | 214, 726 |
| 1931 ⁴ | 2, 945 | (⁵) | 121, 964 | (⁶) | 115, 041 | 57, 094 | 263, 675 | 551, 416 | 287, 741 |
| 1929 ⁴ | 3, 691 | 15, 323 | 149, 868 | 41, 905 | 179, 769 | 79, 994 | 440, 505 | 901, 104 | 460, 599 |
| 1927 ⁴ | 3, 562 | 18, 378 | 146, 099 | 43, 046 | 184, 613 | 94, 388 | 447, 245 | 932, 182 | 484, 937 |
| <i>States</i> | | | | | | | | | |
| California..... | 56 | 158 | 1, 924 | 252 | 1, 512 | 67 | 2, 535 | 5, 363 | 2, 827 |
| Colorado..... | 5 | 35 | 313 | 39 | 104 | ----- | 328 | 649 | 321 |
| Connecticut..... | 16 | 41 | 759 | 55 | 512 | 80 | 674 | 1, 635 | 961 |
| Georgia..... | 7 | 53 | 960 | 90 | 488 | 1 | 1, 814 | 2, 693 | 880 |
| Illinois..... | 170 | 1, 591 | 13, 448 | 2, 460 | 10, 376 | 2, 068 | 16, 211 | 37, 748 | 21, 538 |
| Indiana..... | 14 | 128 | 2, 538 | 169 | 1, 572 | 1 | 2, 613 | 5, 757 | 3, 144 |
| Iowa..... | 4 | 54 | 398 | 52 | 248 | 2 | 503 | 1, 052 | 649 |
| Kentucky..... | 14 | 53 | 1, 711 | 71 | 946 | ----- | 2, 252 | 4, 444 | 2, 192 |
| Louisiana..... | 9 | 52 | 951 | 63 | 467 | 12 | 918 | 1, 896 | 978 |
| Maine..... | 5 | 5 | 251 | 7 | 122 | ----- | 215 | 439 | 224 |
| Maryland..... | 219 | 771 | 9, 483 | 952 | 6, 188 | 3, 158 | 10, 524 | 25, 100 | 14, 670 |
| Massachusetts..... | 130 | 326 | 5, 143 | 444 | 4, 078 | 1, 226 | 10, 247 | 19, 997 | 10, 576 |
| Michigan..... | 10 | 46 | 994 | 54 | 547 | 1 | 1, 753 | 2, 695 | 942 |
| Minnesota..... | 29 | 98 | 1, 227 | 126 | 1, 005 | 20 | 2, 913 | 5, 146 | 2, 232 |
| Missouri..... | 37 | 256 | 2, 663 | 437 | 1, 993 | 332 | 4, 767 | 10, 065 | 5, 293 |
| New Jersey..... | 110 | 347 | 8, 508 | 501 | 6, 212 | 1, 188 | 7, 718 | 19, 092 | 11, 874 |
| New York..... | 997 | 2, 738 | 33, 086 | 4, 459 | 29, 906 | 34, 483 | 95, 507 | 195, 144 | 99, 037 |
| Ohio..... | 80 | 898 | 10, 744 | 1, 171 | 8, 238 | 569 | 17, 681 | 33, 154 | 15, 473 |
| Pennsylvania..... | 246 | 930 | 17, 116 | 1, 497 | 13, 561 | 3, 756 | 24, 953 | 51, 701 | 26, 748 |
| Tennessee..... | 10 | 106 | 2, 238 | 144 | 1, 027 | 5 | 2, 304 | 4, 589 | 2, 285 |
| Texas..... | 6 | 14 | 134 | 25 | 73 | 1 | 133 | 284 | 151 |
| Virginia..... | 5 | 68 | 1, 936 | 135 | 1, 168 | ----- | 2, 251 | 4, 477 | 2, 220 |
| Wisconsin..... | 20 | 118 | 1, 309 | 164 | 1, 014 | 65 | 2, 255 | 4, 309 | 2, 054 |
| Other States ⁶ | 20 | 92 | 1, 423 | 179 | 848 | 1, 170 | 3, 570 | 7, 791 | 4, 221 |
| REGULAR FACTORIES | | | | | | | | | |
| <i>United States</i> | | | | | | | | | |
| 1933..... | 1, 470 | 3 8, 071 | 85, 853 | 12, 271 | 68, 739 | 47, 565 | 211, 426 | 410, 184 | 198, 768 |
| Cotton-garment factories and shops..... | 181 | 619 | 9, 294 | 932 | 5, 325 | 1, 838 | 16, 268 | 29, 983 | 13, 715 |
| Factories and shops making garments other than cotton..... | 1, 289 | 7, 452 | 76, 559 | 11, 339 | 63, 414 | 45, 727 | 195, 158 | 380, 201 | 185, 043 |
| 1931 ⁴ | 1, 802 | (⁵) | 87, 193 | (⁶) | 86, 263 | 55, 651 | 260, 603 | 510, 324 | 249, 731 |
| 1929 ⁴ | 2, 197 | 14, 117 | 110, 025 | 39, 063 | 135, 538 | 73, 175 | 436, 228 | 836, 199 | 399, 971 |
| 1927 ⁴ | 2, 044 | 17, 076 | 106, 580 | 40, 560 | 137, 336 | 92, 631 | 442, 920 | 865, 424 | 422, 498 |
| <i>States</i> | | | | | | | | | |
| California..... | 42 | 147 | 1, 738 | 233 | 1, 368 | 48 | 2, 498 | 5, 095 | 2, 506 |
| Colorado..... | 5 | 35 | 313 | 39 | 164 | ----- | 328 | 649 | 321 |
| Connecticut..... | 8 | 32 | 389 | 40 | 324 | 80 | 645 | 1, 313 | 668 |
| Georgia..... | 7 | 53 | 960 | 90 | 488 | 1 | 1, 814 | 2, 693 | 880 |
| Illinois..... | 102 | 1, 498 | 12, 086 | 2, 340 | 9, 461 | 1, 867 | 15, 902 | 35, 864 | 19, 961 |
| Iowa..... | 4 | 64 | 398 | 52 | 248 | 2 | 503 | 1, 052 | 540 |
| Louisiana..... | 9 | 52 | 951 | 63 | 467 | 12 | 918 | 1, 896 | 978 |
| Maryland..... | 95 | 632 | 4, 011 | 729 | 2, 715 | 3, 128 | 10, 264 | 20, 478 | 10, 214 |
| Massachusetts..... | 99 | 300 | 4, 308 | 420 | 3, 531 | 1, 207 | 9, 895 | 18, 785 | 8, 590 |
| Minnesota..... | 22 | 93 | 1, 164 | 122 | 967 | 20 | 2, 903 | 5, 077 | 2, 174 |
| New Jersey..... | 35 | 223 | 3, 126 | 293 | 2, 500 | 1, 123 | 7, 084 | 13, 150 | 6, 066 |
| New York..... | 709 | 2, 511 | 22, 266 | 4, 175 | 20, 663 | 34, 250 | 94, 718 | 182, 243 | 87, 525 |

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933—Continued

[See sec. 26, p. 13]

| | Number of establishments | Number of salaried employees ¹ | Number of wage earners (average for the year) | Salaries ¹ | Wages | Cost of contract work | Cost of materials, fuel, and purchased electric energy | Value of products | Value added by manufacture ² |
|--|--------------------------|---|---|-----------------------|--------|-----------------------|--|-------------------|---|
| Thousands of dollars. (See sec. 25, p.13) | | | | | | | | | |
| REGULAR FACTORIES—CON. | | | | | | | | | |
| <i>States—Continued</i> | | | | | | | | | |
| Ohio..... | 58 | 882 | 10,305 | 1,148 | 8,007 | 567 | 17,026 | 32,774 | 15,148 |
| Pennsylvania..... | 154 | 718 | 10,344 | 1,210 | 9,500 | 3,698 | 24,588 | 46,175 | 21,587 |
| Virginia..... | 5 | 68 | 1,930 | 135 | 1,168 | ----- | 2,251 | 4,477 | 2,226 |
| Other States ⁷ | 116 | 773 | 11,558 | 1,178 | 7,168 | 1,563 | 19,488 | 38,464 | 18,976 |
| CONTRACT SHOPS | | | | | | | | | |
| <i>United States</i> | | | | | | | | | |
| 1933..... | 740 | 907 | 33,400 | 1,276 | 23,526 | 629 | 3,214 | 35,036 | 31,822 |
| Cotton-garment factories and shops..... | 50 | 63 | 3,003 | 80 | 1,548 | 4 | 226 | 2,365 | 2,139 |
| Factories and shops making garments other than cotton..... | 690 | 844 | 30,397 | 1,196 | 21,979 | 625 | 2,988 | 32,671 | 29,683 |
| 1931..... | 1,143 | (^c) | 34,771 | (^c) | 28,778 | 1,443 | 3,073 | 41,092 | 38,020 |
| 1929..... | 1,524 | 1,206 | 39,843 | 2,842 | 44,181 | 1,818 | 4,277 | 64,905 | 60,628 |
| 1927..... | 1,518 | 1,302 | 39,519 | 2,486 | 47,277 | 1,768 | 4,319 | 66,757 | 62,439 |
| <i>States</i> | | | | | | | | | |
| California..... | 14 | 11 | 186 | 19 | 144 | 20 | 37 | 268 | 231 |
| Connecticut..... | 8 | 9 | 370 | 15 | 188 | ----- | 30 | 322 | 293 |
| Illinois..... | 68 | 93 | 1,362 | 121 | 910 | 201 | 308 | 1,885 | 1,577 |
| Maryland..... | 124 | 139 | 5,471 | 223 | 3,474 | 30 | 260 | 4,622 | 4,362 |
| Massachusetts..... | 31 | 20 | 834 | 25 | 547 | 19 | 352 | 1,212 | 860 |
| Minnesota..... | 7 | 5 | 63 | 4 | 37 | ----- | 10 | 69 | 59 |
| New Jersey..... | 75 | 124 | 5,382 | 203 | 3,712 | 65 | 634 | 5,942 | 5,308 |
| New York..... | 288 | 227 | 10,820 | 284 | 9,243 | 232 | 790 | 12,302 | 12,112 |
| Ohio..... | 22 | 16 | 439 | 23 | 231 | 3 | 55 | 380 | 325 |
| Pennsylvania..... | 92 | 212 | 6,772 | 287 | 4,061 | 58 | 365 | 5,526 | 5,161 |
| Other States ⁸ | 20 | 45 | 1,701 | 72 | 974 | 1 | 374 | 1,909 | 1,535 |

¹ The figures for 1933 do not include data for number and compensation of salaried officers of corporations and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

² Value of products less cost of materials, fuel, and purchased electric energy. See sec. 26, p. 13.

³ Not including proprietors and firm members, as follows: All factories, 1,857; Regular factories, 986; Contract shops, 871.

⁴ The figures for 1931 and earlier years are not strictly comparable with those for 1933. See second and third paragraphs, p. 183.

⁵ No data.

⁶ States included and number of establishments reporting are: Ala., 1; Del., 2; Nebr., 2; N. H., 2; N. C., 2; Oreg., 3; R. I., 3; S. C., 1; Vt., 1; Wash., 2; W. Va., 1.

⁷ States included and number of establishments reporting are: Ala., 1; Del., 1; Ind., 12; Ky., 12; Maine, 3; Mich., 8; Mo., 34; Nebr., 2; N. H., 2; N. C., 1; Oreg., 3; R. I., 2; S. C., 1; Tenn., 9; Tex., 5; Vt., 1; Wash., 2; Wis., 17.

⁸ States included and number of establishments reporting are: Del., 1; Ind., 2; Ky., 2; Maine, 2; Mich., 2; Mo., 3; N. C., 1; R. I., 1; Tenn., 1; Tex., 1; W. Va., 1; Wis., 3.

TABLE 2.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, AND RECEIPTS FOR CONTRACT WORK, FOR THE UNITED STATES, 1933

| | PRODUCTS | | Receipts for contract work |
|---|---------------|---------------|----------------------------|
| | Quantity | Value | |
| 1. "Clothing (except work clothing), men's, youths', and boys', not elsewhere classified" industry, total value of products and receipts for contract work..... | | \$445,220,429 | |
| 2. All factories, total..... | | \$410,252,144 | \$34,968,285 |
| 3. Regular factories..... | | 409,439,296 | 744,925 |
| 4. Contract shops..... | | 812,848 | 34,223,360 |
| 5. Men's, youths', and boys' clothing made in the industry..... | | 390,397,818 | 29,118,730 |
| 6. Other products (not normally belonging to the industry)..... | | 15,332,253 | |
| 7. Men's, youths', and boys' clothing and products not normally belonging to the industry, not reported separately ¹ | | 4,522,073 | 5,849,555 |
| 8. Men's, youths', and boys' clothing made as secondary products in other industries..... | | 11,312,946 | |
| Men's, youths', and boys' clothing, aggregate value (5 and 8)..... | | 401,710,764 | 29,118,730 |
| Cotton garments, total..... | | 33,930,600 | 2,498,909 |
| Men's and youths' pants and knickers..... | <i>Dozens</i> | 12,508,639 | 1,149,895 |
| Boys' pants and knickers..... | 1,047,477 | 6,135,522 | 735,712 |
| Men's and youths' wash suits..... | <i>Number</i> | 2,058,849 | 503,393 |
| Boys' wash suits..... | 518,345 | 7,107,545 | |
| Washable service apparel (hospital, professional, barber, etc.)..... | 11,609,203 | 4,587,609 | |
| Other men's and youths' cotton outerwear..... | 4,354,527 | 1,472,496 | 109,909 |
| Garments other than cotton, total..... | | 367,780,104 | 26,619,701 |
| Men's and youths' suits, total..... | 16,186,072 | 229,315,886 | 4,264,064 |
| Woolen and worsted, total..... | 15,645,176 | 225,458,174 | 4,233,042 |
| Tuxedo-and dress suits..... | 199,432 | 3,500,255 | 285,022 |
| Other 2-piece suits..... | 783,387 | 10,213,780 | 246,259 |
| 2-piece suits with extra trousers..... | 665,339 | 10,905,742 | 182,381 |
| 2-piece suits with extra knickers..... | 163,630 | 2,319,061 | 60,968 |
| 3-piece suits..... | 7,602,304 | 108,572,409 | 2,808,539 |
| 3-piece suits with extra trousers..... | 6,019,839 | 86,577,373 | 650,473 |
| 3-piece suits with extra knickers..... | 211,245 | 3,369,554 | |
| Linen suits..... | 225,196 | 1,484,025 | 30,422 |
| Cotton-warp and mohair-filling suits..... | 315,700 | 2,373,687 | |
| Men's and youths' separate trousers..... | 9,187,758 | 20,619,805 | 6,162,743 |
| Men's and youths' separate coats..... | 469,555 | 3,842,471 | 8,385,436 |
| Men's and youths' separate vests..... | 953,232 | 1,915,101 | 1,628,532 |
| Men's and youths' overcoats and topcoats..... | 4,231,328 | 54,365,843 | 4,518,997 |
| Boys' woolen and worsted suits, total..... | 2,506,089 | 12,794,101 | 138,944 |
| 1-pants suits (not knickers)..... | 584,416 | 1,659,390 | 45,073 |
| 1-pants suits (knickers)..... | 202,197 | 776,506 | 32,250 |
| 2-pants suits (not knickers)..... | 602,842 | 3,545,321 | 61,621 |
| 2-pants suits (knickers)..... | 825,959 | 5,155,963 | |
| 2-pants suits (1 long pants, 1 knickers)..... | 290,675 | 1,656,921 | |
| Boys' separate pants and knickers..... | 3,705,012 | 3,762,747 | 40,366 |
| Boys' separate coats..... | 138,154 | 799,625 | 1,034,859 |
| Boys' overcoats and reefers..... | 654,200 | 3,355,222 | 128,542 |
| Leather garments (including sheep-lined)..... | 3,263,812 | 13,074,361 | 71,378 |
| Sheep-lined garments other than leather..... | 1,462,407 | 3,825,393 | |
| Men's, youths', and boys' water proofed outer garments (not including oiled)..... | 2,497,169 | 5,818,488 | 95,516 |
| Uniforms: | | | |
| Military, naval, and cadet..... | 231,009 | 1,543,016 | 99,703 |
| Other (for policemen, firemen, conductors, motor-men, etc.)..... | 404,989 | 6,956,727 | |
| Other men's, youths', and boys' clothing..... | | 5,791,318 | 150,681 |

¹ Reported on abbreviated schedule. (See sec. 5c, p. 4.) These amounts represent 1.1 percent of the total value of all products of the industry and 18.7 percent of the receipts for contract work, as reported on both standard and abbreviated schedules, but for individual products the corresponding percentages vary.

TABLE 3.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES, 1933

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8.) See sec. 26, p. 13]

| | March | June | September | December |
|----------------------------------|---------|---------|-----------|----------|
| ALL FACTORIES | | | | |
| United States ¹ | 115,716 | 117,958 | 131,648 | 112,345 |
| Cotton garments..... | 11,914 | 14,007 | 12,356 | 10,760 |
| Garments other than cotton..... | 103,802 | 103,951 | 119,292 | 101,585 |
| <i>States</i> | | | | |
| California..... | 1,651 | 2,004 | 2,223 | 1,817 |
| Colorado..... | 261 | 349 | 323 | 284 |
| Connecticut..... | 716 | 761 | 880 | 697 |
| Georgia..... | 859 | 1,127 | 999 | 947 |
| Illinois..... | 13,192 | 12,698 | 14,549 | 13,614 |
| Indiana..... | 2,419 | 2,361 | 2,923 | 2,418 |
| Iowa..... | 366 | 462 | 476 | 347 |
| Kentucky..... | 1,503 | 2,084 | 1,868 | 1,601 |
| Louisiana..... | 1,032 | 1,401 | 420 | 1,066 |
| Maine..... | 269 | 277 | 252 | 207 |
| Maryland..... | 9,989 | 9,526 | 10,294 | 8,110 |
| Massachusetts..... | 4,849 | 5,242 | 6,028 | 4,280 |
| Michigan..... | 891 | 1,069 | 1,135 | 809 |
| Minnesota..... | 871 | 1,341 | 1,597 | 1,045 |
| Missouri..... | 2,436 | 2,598 | 2,581 | 2,695 |
| New Jersey..... | 8,116 | 9,161 | 9,414 | 7,505 |
| New York..... | 32,802 | 30,725 | 37,156 | 30,669 |
| Ohio..... | 10,245 | 10,497 | 11,632 | 10,738 |
| Pennsylvania..... | 16,749 | 16,703 | 19,165 | 16,670 |
| Tennessee..... | 2,098 | 2,487 | 2,397 | 2,157 |
| Texas..... | 115 | 148 | 149 | 138 |
| Virginia..... | 1,872 | 1,974 | 2,104 | 1,972 |
| Wisconsin..... | 986 | 1,474 | 1,550 | 1,290 |
| REGULAR FACTORIES | | | | |
| United States ¹ | 82,289 | 84,778 | 94,254 | 82,205 |
| Cotton garments..... | 8,870 | 10,757 | 9,033 | 8,358 |
| Garments other than cotton..... | 73,419 | 74,021 | 85,171 | 73,847 |
| <i>States</i> | | | | |
| California..... | 1,475 | 1,818 | 2,025 | 1,631 |
| Colorado..... | 261 | 349 | 323 | 284 |
| Connecticut..... | 347 | 368 | 455 | 412 |
| Georgia..... | 859 | 1,127 | 999 | 947 |
| Illinois..... | 11,960 | 11,368 | 13,067 | 12,129 |
| Indiana..... | 2,127 | 2,084 | 2,571 | 2,071 |
| Iowa..... | 366 | 462 | 476 | 347 |
| Kentucky..... | 1,383 | 1,964 | 1,750 | 1,493 |
| Louisiana..... | 1,032 | 1,401 | 420 | 1,066 |
| Maine..... | 115 | 116 | 150 | 147 |
| Maryland..... | 4,554 | 4,001 | 4,073 | 3,525 |
| Massachusetts..... | 4,083 | 4,338 | 5,047 | 3,501 |
| Michigan..... | 866 | 1,044 | 1,110 | 768 |
| Minnesota..... | 820 | 1,274 | 1,529 | 976 |
| Missouri..... | 2,367 | 2,553 | 2,568 | 2,552 |
| New Jersey..... | 2,713 | 3,604 | 3,566 | 2,952 |
| New York..... | 21,809 | 20,633 | 24,007 | 20,919 |
| Ohio..... | 9,824 | 10,063 | 11,162 | 10,291 |
| Pennsylvania..... | 9,979 | 9,749 | 11,766 | 10,399 |
| Tennessee..... | 1,775 | 2,143 | 2,062 | 1,824 |
| Texas..... | 80 | 109 | 108 | 96 |
| Virginia..... | 1,872 | 1,974 | 2,104 | 1,972 |
| Wisconsin..... | 770 | 1,246 | 1,312 | 1,054 |
| CONTRACT SHOPS | | | | |
| United States ¹ | 33,427 | 33,180 | 37,394 | 30,140 |
| Cotton garments..... | 3,044 | 3,250 | 3,273 | 2,402 |
| Garments other than cotton..... | 30,383 | 29,930 | 34,121 | 27,738 |

For footnote, see end of table.

TABLE 3.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES, 1933—Con.

[See note at head of table]

| | March | June | September | December |
|---------------------------------|--------|--------|-----------|----------|
| CONTRACT SHOPS—continued | | | | |
| <i>States</i> | | | | |
| California..... | 176 | 186 | 168 | 186 |
| Connecticut..... | 369 | 393 | 425 | 285 |
| Illinois..... | 1,232 | 1,380 | 1,432 | 1,485 |
| Maryland..... | 5,435 | 5,525 | 6,221 | 4,585 |
| Massachusetts..... | 766 | 904 | 981 | 770 |
| Minnesota..... | 51 | 67 | 68 | 60 |
| Missouri..... | 69 | 45 | 13 | 43 |
| New Jersey..... | 5,403 | 5,557 | 5,848 | 4,553 |
| New York..... | 10,993 | 10,092 | 12,549 | 9,750 |
| Ohio..... | 421 | 434 | 470 | 447 |
| Pennsylvania..... | 6,770 | 6,954 | 7,399 | 6,271 |
| Wisconsin..... | 216 | 228 | 238 | 236 |

¹ See sec. 5, p. 4, and sec. 13, p. 8. The establishments canvassed with the standard schedule reported wage earners, by months, as follows:

All factories.—Number of establishments reporting, 1,743.

| | | | | | |
|---------------|---------|-------------|---------|----------------|---------|
| January..... | 98,844 | May..... | 105,490 | September..... | 123,646 |
| February..... | 107,272 | June..... | 110,473 | October..... | 122,567 |
| March..... | 108,825 | July..... | 113,288 | November..... | 113,354 |
| April..... | 107,063 | August..... | 121,341 | December..... | 105,147 |

Regular factories.—Number of establishments reporting, 1,296.

| | | | | | |
|---------------|--------|-------------|--------|----------------|--------|
| January..... | 74,852 | May..... | 79,236 | September..... | 93,009 |
| February..... | 80,649 | June..... | 83,493 | October..... | 92,708 |
| March..... | 81,319 | July..... | 91,416 | November..... | 86,094 |
| April..... | 80,165 | August..... | 92,080 | December..... | 80,980 |

Contract shops.—Number of establishments reporting, 447.

| | | | | | |
|---------------|--------|-------------|--------|----------------|--------|
| January..... | 23,992 | May..... | 26,194 | September..... | 30,637 |
| February..... | 26,623 | June..... | 26,980 | October..... | 29,859 |
| March..... | 27,506 | July..... | 26,872 | November..... | 27,260 |
| April..... | 26,898 | August..... | 29,261 | December..... | 24,167 |