# REPORTS BY GROUPS, SUBGROUPS, AND INDUSTRIES

The industries covered by this report are arranged in 20 general groups. This grouping has been changed from the 15 groups used at the census for 1937. Because of this change comparative figures for years prior to 1937 are in many cases unavailable. In order to obtain comparable 1937 figures many industries were retabulated but no tabulation was made for 1935 or earlier years.

Each of the 20 groups presents a summary table for the industries arranged according to subgroups and followed by a table showing general statistics in detail for the industries and for the subgroups. After these tables follows a special report for each industry in the group.

Reports for the first 10 groups of industries are in part 1 of this volume. The reports for the remaining groups are in volume II, part 2. The names of the 20 groups are as follows:

1—Food and kindred products.
2—Tobacco manufactures.
3—Textile-mill products and other fiber manufactures.
4—Apparel and other finished products made from fabrics and similar materials.
5—Lumber and timber basic products.
6—Furniture and finished lumber products.
7—Paper and allied products.
8—Printing, publishing, and allied industries.
9—Chemicals and allied products.
10—Products of petroleum and coal.
11—Rubber products.
12—Leather and leather products.
13—Stone, clay, and glass products.
14—Iron and steel and their products, except machinery.
15—Nonferrous metals and their products.
16—Electrical machinery.
17—Machinery (except electrical).
18—Automobiles and automobile equipment.
19—Transportation equipment except automobiles.
20—Miscellaneous industries.

# Group 1.—FOOD AND KINDRED PRODUCTS

**Description of the group of industries.**—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. 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: A large part of the products of flour mills and a considerable part of the products of sugar refineries are used as materials by bakeries and by 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 consumers.

Changes in scope and designation of industries in this group have been made as a result of the new classification developed in collaboration with the Committee on Standard Industrial Classification (see GENERAL EXPLANATIONS—Classification of industries, p. 2). The chief change in the group is the transfer to this group of the "Baking powder, yeast, and other leavening compounds" industry from the Chemicals and Allied Products group.

SUMMARY FOR GROUP 1.—FOOD AND KINDRED PRODUCTS: 1927 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 51,448 | 823,693 | $913,984,950 | $7,062,039,218 | $10,618,025,930 | $3,555,986,712 | 1,985,395 |
| 1937 | 48,763 | 890,503 | 981,409,373 | 7,924,135,084 | 11,294,889,859 | 3,370,754,775 | (4) |
| 1935 | 48,982 | 800,108 | 804,159,443 | 6,738,853,513 | 9,543,015,272 | 2,804,161,759 | (5) |
| 1933 | 40,325 | 668,927 | 624,211,700 | [6] 4,223,127,016 | 6,636,011,711 | 2,412,884,695 | (4) |
| 1931 | 47,812 | 638,240 | 730,466,551 | [6] 5,335,994,816 | 8,005,389,118 | 2,669,394,302 | (4) |
| 1929 | 55,325 | 740,937 | 895,712,751 | [6] 8,318,856,469 | 11,658,704,947 | 3,339,848,478 | 1,791,549 |
| 1927 [7] | 48,947 | 668,311 | 817,238,211 | [6] 7,828,024,741 | 10,668,008,933 | 2,839,984,192 | 1,794,760 |
| SUBGROUPS, INDUSTRIES, AND CENSUS YEAR | SUMMARY FOR SUBGROUPS AND FOR INDIVIDUAL INDUSTRIES: 1939 AND 1937 | | | | | | |
| MEAT PRODUCTS: | | | | | | | |
| 1939 | 3,387 | 147,263 | $185,213,417 | $2,510,514,224 | $3,002,639,358 | $492,125,134 | 238,013 |
| 1937 | 2,730 | 148,849 | 191,094,992 | 2,648,366,953 | 3,107,926,426 | 459,559,473 | (4) |
| Meat packing, wholesale— | | | | | | | |
| 1939 | 1,478 | 119,853 | 161,523,772 | 2,226,539,039 | 2,648,325,552 | 421,786,513 | 234,133 |
| 1937 | 1,136 | 126,917 | 169,722,612 | 2,385,820,822 | 2,785,547,750 | 399,726,928 | (4) |
| Custom slaughtering, wholesale— | | | | | | | |
| 1939 | 40 | 640 | 688,864 | 477,578 | 1,932,722 | 1,455,144 | 945 |
| 1937 | 24 | 560 | 663,595 | 269,646 | 1,810,190 | 1,540,544 | (4) |
| Sausages, prepared meats, and other meat products—not made in meat-packing establishments— | | | | | | | |
| 1939 | 1,067 | 11,277 | 13,473,199 | 165,045,149 | 208,048,345 | 43,003,196 | 1,315 |
| 1937 | 1,006 | 11,584 | 13,878,573 | 170,404,658 | 208,188,348 | 37,783,690 | (4) |
| Sausage casings—not made in meat-packing establishments— | | | | | | | |
| 1939 | 37 | 987 | 882,335 | 3,709,461 | 6,014,658 | 2,305,197 | ---------- |
| 1937 | 31 | 875 | 898,918 | 4,414,892 | 6,538,796 | 2,123,904 | (4) |
| Poultry dressing and packing, wholesale— | | | | | | | |
| 1939 | 765 | 14,506 | 8,645,247 | 114,742,997 | 138,318,081 | 23,575,084 | 1,620 |
| 1937 | 533 | 8,913 | 5,931,294 | 87,456,935 | 105,841,342 | 18,384,407 | (4) |
| DAIRY PRODUCTS: | | | | | | | |
| 1939 | 9,535 | 50,756 | 54,538,971 | 870,023,311 | 1,153,560,494 | 283,537,183 | 136,741 |
| 1937 | 9,803 | 53,461 | 57,228,563 | 961,196,199 | 1,247,795,417 | 286,599,218 | (4) |
| Creamery butter— | | | | | | | |
| 1939 | 3,506 | 17,953 | 18,378,544 | 418,751,847 | 492,221,462 | 73,469,615 | 43,294 |
| 1937 | 3,716 | 19,437 | 19,619,024 | 510,114,395 | 589,766,818 | 79,652,423 | (4) |
| Cheese— | | | | | | | |
| 1939 | 2,682 | 5,009 | 5,155,715 | 91,440,315 | 108,207,060 | 16,766,745 | 8,466 |
| 1937 | 2,567 | 4,482 | 4,359,205 | 95,672,125 | 112,785,898 | 17,113,773 | (4) |
| Condensed and evaporated milk— | | | | | | | |
| 1939 | 562 | 9,705 | 11,233,725 | 163,523,169 | 209,755,891 | 46,232,722 | 60,112 |
| 1937 | 601 | 8,967 | 9,964,387 | 166,605,892 | 210,717,581 | 44,111,689 | (4) |
| Ice cream and ices— | | | | | | | |
| 1939 | 2,734 | 15,711 | 17,344,036 | 145,924,115 | 285,806,781 | 139,882,666 | 21,504 |
| 1937 | 2,885 | 18,664 | 21,268,806 | 143,586,999 | 282,002,617 | 138,415,618 | (4) |
| Special dairy products— | | | | | | | |
| 1939 | 51 | 2,378 | 2,426,951 | 50,383,865 | 57,569,300 | 7,185,435 | 3,365 |
| 1937 | 34 | 1,911 | 2,017,141 | 45,216,788 | 52,522,503 | 7,305,715 | (4) |
| CANNED AND PRESERVED FOODS: | | | | | | | |
| 1939 | 3,053 | 134,471 | 88,741,401 | 520,630,158 | 838,125,683 | 317,495,525 | 84,967 |
| 1937 | 3,093 | 155,118 | 101,215,456 | 546,726,724 | 866,338,004 | 319,611,280 | (4) |
| Canned fish, crustacea, and mollusks— | | | | | | | |
| 1939 | 214 | 15,735 | 7,228,083 | 40,021,588 | 65,455,696 | 25,434,108 | 4,350 |
| 1937 | 217 | 16,358 | 7,117,278 | 38,972,967 | 63,568,256 | 24,595,289 | (4) |
| Cured fish— | | | | | | | |
| 1939 | 114 | 1,893 | 1,669,604 | 10,971,721 | 15,614,728 | 4,643,007 | 373 |
| 1937 | 104 | 1,696 | 1,459,956 | 9,192,042 | 13,842,308 | 4,650,266 | (4) |

See footnotes at end of table.

SUMMARY FOR GROUP 1.—FOOD AND KINDRED PRODUCTS: 1927 TO 1939—Continued

| INDUSTRY AND CENSUS YEAR | SUMMARY FOR SUBGROUPS AND FOR INDIVIDUAL INDUSTRIES: 1939 AND 1937—continued | | | | | | |
|---|---|---|---|---|---|---|---|
| | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
| CANNED AND PRESERVED FOODS—Continued. | | | | | | | |
| Canned and dried fruits and vegetables (including canned soups)— | | | | | | | |
| 1939 | 2,007 | 98,022 | $65,234,801 | $356,280,508 | $587,343,024 | $231,062,516 | 72,843 |
| 1937 | 2,213 | 119,379 | 78,200,940 | 390,930,484 | 629,882,191 | 238,951,707 | (4) |
| Preserves, jams, jellies, and fruit butters— | | | | | | | |
| 1939 | 171 | 3,717 | 3,125,617 | 26,681,864 | 38,025,559 | 11,343,695 | 1,607 |
| 1937 | 146 | 4,582 | 3,769,233 | 29,020,070 | 41,313,568 | 12,293,498 | (4) |
| Pickled fruits and vegetables and vegetable sauces and seasonings— | | | | | | | |
| 1939 | 377 | 9,908 | 7,393,306 | 42,618,673 | 72,637,388 | 30,018,715 | 4,508 |
| 1937 | 279 | 8,653 | 6,814,312 | 36,807,757 | 63,689,480 | 26,881,723 | (4) |
| Salad dressings— | | | | | | | |
| 1939 | 134 | 2,556 | 2,433,965 | 37,873,069 | 48,941,846 | 11,068,777 | ---------- |
| 1937 | 113 | 2,487 | 2,521,606 | 36,914,941 | 45,901,355 | 8,986,414 | (4) |
| Quick-frozen foods— | | | | | | | |
| 1939 | 36 | 2,640 | 1,656,025 | 6,182,735 | 10,107,442 | 3,924,707 | 1,286 |
| 1937 | 21 | 1,963 | 1,332,131 | 4,888,463 | 8,140,846 | 3,252,383 | (4) |
| GRAIN-MILL PRODUCTS: | | | | | | | |
| 1939 | 3,746 | 50,682 | 56,605,833 | 914,504,310 | 1,240,463,572 | 325,959,262 | 298,195 |
| 1937 [5] | 3,537 | 51,138 | 58,172,728 | 1,194,937,460 | 1,482,869,587 | 287,932,127 | (4) |
| Flour and other grain-mill products— | | | | | | | |
| 1939 | 2,143 | 24,771 | 28,369,796 | 506,061,519 | 649,943,088 | 143,881,569 | 228,867 |
| 1937 | 2,238 | 26,390 | 30,185,843 | 722,710,661 | 856,310,470 | 133,599,809 | (4) |
| Prepared feeds (including mineral) for animals and fowls— | | | | | | | |
| 1939 | 1,383 | 15,491 | 16,252,988 | 302,640,178 | 401,880,238 | 99,240,060 | 33,689 |
| 1937 | 1,126 | 14,397 | 15,838,679 | 338,505,107 | 415,211,162 | 76,706,055 | (4) |
| Cereal preparations— | | | | | | | |
| 1939 | 70 | 7,458 | 9,856,757 | 58,033,997 | 128,382,565 | 70,348,568 | 16,551 |
| 1937 | 71 | 7,725 | 10,419,454 | 85,180,851 | 150,861,177 | 65,680,326 | (4) |
| Rice cleaning and polishing— | | | | | | | |
| 1939 | 72 | 2,346 | 1,533,096 | 33,802,651 | 42,363,349 | 8,560,698 | 18,563 |
| 1937 | 61 | 2,218 | 1,356,041 | 38,815,980 | 46,852,756 | 8,036,776 | (4) |
| Blended and prepared flour made from purchased flour— | | | | | | | |
| 1939 | 78 | 706 | 593,196 | 13,965,965 | 17,894,332 | 3,928,367 | 525 |
| 1937 [5] | 41 | 408 | 372,711 | 9,724,861 | 13,634,022 | 3,909,161 | (4) |
| BAKERY PRODUCTS: | | | | | | | |
| 1939 | 18,399 | 230,706 | 290,551,182 | 649,476,628 | 1,411,816,633 | 762,340,005 | 29,609 |
| 1937 | 17,193 | 239,388 | 293,994,425 | 727,021,811 | 1,426,162,859 | 699,141,048 | (4) |
| Bread and other bakery products (except biscuit, crackers, and pretzels)— | | | | | | | |
| 1939 | 18,043 | 201,533 | 262,001,562 | 567,427,173 | 1,211,023,755 | 643,596,582 | 12,033 |
| 1937 | 16,874 | 210,597 | 265,353,891 | 629,267,129 | 1,217,865,027 | 588,597,898 | (4) |
| Biscuit, crackers, and pretzels— | | | | | | | |
| 1939 | 356 | 29,173 | 28,549,620 | 82,049,455 | 200,792,878 | 118,743,423 | 17,576 |
| 1937 | 319 | 28,791 | 28,640,534 | 97,754,682 | 208,297,832 | 110,543,150 | (4) |
| SUGAR: | | | | | | | |
| 1939 | 190 | 28,760 | 31,131,326 | 441,845,223 | 557,792,679 | 115,947,456 | 424,674 |
| 1937 | 182 | 27,611 | 30,085,969 | 452,371,142 | 561,177,675 | 108,806,533 | (4) |
| Beet sugar— | | | | | | | |
| 1939 | 85 | 10,410 | 12,361,317 | 84,951,372 | 134,396,017 | 49,444,645 | 204,478 |
| 1937 | 87 | 9,366 | 11,732,690 | 68,996,104 | 107,395,536 | 38,399,432 | (4) |
| Cane sugar—except refineries— | | | | | | | |
| 1939 | 78 | 4,217 | 2,573,319 | 23,017,224 | 33,526,898 | 10,509,674 | 106,562 |
| 1937 | 72 | 4,221 | 2,379,979 | 20,722,349 | 29,151,355 | 8,429,006 | (4) |
| Cane-sugar refining— | | | | | | | |
| 1939 | 27 | 14,133 | 16,196,690 | 333,876,627 | 389,869,764 | 55,993,137 | 113,634 |
| 1937 | 23 | 14,024 | 15,973,300 | 362,652,689 | 424,630,784 | 61,978,095 | (4) |
| CONFECTIONERY AND RELATED PRODUCTS: | | | | | | | |
| 1939 | 1,318 | 58,831 | 52,081,843 | 251,825,156 | 457,563,262 | 205,738,106 | 67,404 |
| 1937 | 1,291 | 63,525 | 54,535,779 | 273,800,669 | 464,907,121 | 191,106,452 | (4) |
| Candy and other confectionery products— | | | | | | | |
| 1939 | 1,252 | 49,740 | 41,084,966 | 170,735,600 | 297,761,813 | 127,026,213 | 20,887 |
| 1937 | 1,226 | 53,722 | 43,440,677 | 182,781,196 | 305,839,262 | 123,058,066 | (4) |
| Chocolate and cocoa products— | | | | | | | |
| 1939 | 39 | 6,464 | 7,711,129 | 63,459,569 | 99,018,203 | 35,558,634 | 40,815 |
| 1937 | 40 | 7,402 | 8,128,517 | 74,131,065 | 102,346,113 | 28,215,048 | (4) |
| Chewing gum— | | | | | | | |
| 1939 | 27 | 2,627 | 3,285,748 | 17,629,987 | 60,783,246 | 43,153,259 | 5,702 |
| 1937 | 25 | 2,401 | 2,966,585 | 16,888,408 | 56,721,746 | 39,833,338 | (4) |
| BEVERAGES: | | | | | | | |
| 1939 | 5,745 | 67,777 | 95,292,771 | 432,142,801 | 1,088,340,329 | 656,197,528 | 254,502 |
| 1937 | 5,327 | 92,974 | 130,375,051 | 559,578,290 | 1,208,804,789 | 649,226,499 | (4) |
| Nonalcoholic beverages— | | | | | | | |
| 1939 | 4,504 | 21,265 | 20,344,719 | 153,935,249 | 365,778,930 | 211,843,681 | 4,733 |
| 1937 | 3,920 | 27,979 | 30,981,318 | 112,380,433 | 276,779,080 | 164,398,647 | (4) |
| Malt liquors— | | | | | | | |
| 1939 | 605 | 36,088 | 62,231,236 | 162,896,515 | 526,076,938 | 363,180,423 | 187,266 |
| 1937 | 653 | 47,037 | 79,275,069 | 201,916,716 | 537,105,238 | 335,188,522 | (4) |
| Malt— | | | | | | | |
| 1939 | 52 | 1,459 | 2,593,142 | 39,295,774 | 58,478,581 | 19,182,807 | 14,486 |
| 1937 | 56 | 1,644 | 2,923,387 | 76,117,728 | 94,629,627 | 18,511,899 | (4) |
| Wines— | | | | | | | |
| 1939 | 301 | 2,056 | 2,023,106 | 19,386,754 | 32,782,080 | 13,395,326 | 2,422 |
| 1937 | 337 | 3,005 | 3,051,175 | 23,585,641 | 42,732,657 | 19,147,016 | (4) |
| Liquors, distilled— | | | | | | | |
| 1939 | 135 | 4,091 | 4,884,598 | 28,383,830 | 56,080,195 | 27,696,365 | 45,390 |
| 1937 | 151 | 6,215 | 7,412,365 | 73,199,565 | 113,102,963 | 39,903,398 | (4) |
| Liquors, rectified or blended— | | | | | | | |
| 1939 | 148 | 2,818 | 3,215,970 | 28,244,679 | 49,143,605 | 20,898,926 | 205 |
| 1937 | 210 | 7,094 | 6,731,737 | 72,378,207 | 144,455,224 | 72,077,017 | (4) |

See footnotes at end of table.

SUMMARY FOR GROUP 1.—FOOD AND KINDRED PRODUCTS: 1927 TO 1939—Continued

| INDUSTRY AND CENSUS YEAR | SUMMARY FOR SUBGROUPS AND FOR INDIVIDUAL INDUSTRIES: 1939 AND 1937—continued | | | | | | |
|---|---|---|---|---|---|---|---|
| | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
| MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS: | | | | | | | |
| 1939 | 6,075 | 54,447 | $59,828,206 | $471,077,407 | $867,723,920 | $396,646,513 | 451,290 |
| 1937 | 5,607 | 58,439 | 64,706,410 | 560,135,836 | 928,907,981 | 368,772,145 | (4) |
| Baking powder, yeast, and other leavening compounds— | | | | | | | |
| 1939 | 47 | 2,334 | 3,654,208 | 14,462,304 | 31,774,637 | 17,312,333 | 23,503 |
| 1937 | 40 | 2,380 | 3,761,069 | 13,330,155 | 30,279,373 | 16,949,218 | (4) |
| Cooking and other edible fats and oils, not elsewhere classified— | | | | | | | |
| 1939 | 56 | 4,672 | 5,396,788 | 154,357,703 | 186,252,453 | 31,894,750 | 14,889 |
| 1937 | 48 | 4,901 | 5,651,480 | 204,383,306 | 239,495,067 | 35,111,761 | (4) |
| Oleomargarine—not made in meat-packing establishments— | | | | | | | |
| 1939 | 18 | 984 | 1,294,512 | 21,734,278 | 34,101,757 | 12,367,479 | 1,706 |
| 1937 | 16 | 1,214 | 1,606,804 | 30,987,306 | 44,562,694 | 13,575,388 | (4) |
| Corn sirup, corn sugar, corn oil, and starch— | | | | | | | |
| 1939 | 35 | 6,764 | 10,585,599 | 66,915,692 | 119,408,253 | 52,492,561 | 102,360 |
| 1937 | 27 | 7,010 | 10,411,461 | 96,462,119 | 135,819,685 | 39,357,566 | (4) |
| Flavoring extracts and flavoring sirups, not elsewhere classified— | | | | | | | |
| 1939 | 477 | 3,589 | 3,764,360 | 50,167,843 | 139,901,840 | 89,733,997 | 2,304 |
| 1937 | 398 | 4,162 | 4,274,145 | 46,279,888 | 117,897,193 | 71,617,305 | (4) |
| Vinegar and cider— | | | | | | | |
| 1939 | 132 | 1,059 | 876,651 | 4,265,980 | 7,505,800 | 3,239,820 | 1,102 |
| 1937 | 117 | 974 | 835,640 | 3,773,995 | 6,427,223 | 2,653,228 | (4) |
| Ice, manufactured— | | | | | | | |
| 1939 | 3,975 | 15,912 | 17,691,894 | 26,010,218 | 130,166,312 | 104,156,094 | 294,647 |
| 1937 | 3,847 | 18,705 | 21,603,338 | 27,516,835 | 136,541,982 | 109,025,147 | (4) |
| Macaroni, spaghetti, vermicelli, and noodles— | | | | | | | |
| 1939 | 328 | 6,013 | 5,383,421 | 26,929,121 | 46,153,471 | 19,224,350 | 2,011 |
| 1937 | 319 | 6,452 | 5,719,299 | 32,836,492 | 50,358,752 | 17,522,260 | (4) |
| Food preparations, not elsewhere classified— | | | | | | | |
| 1939 | 1,007 | 13,120 | 11,180,773 | 106,234,268 | 172,459,397 | 66,225,129 | 8,786 |
| 1937 | 795 | 12,641 | 10,843,174 | 104,565,740 | 167,526,012 | 62,960,272 | (4) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Not called for on schedule.
[5] Data not available.
[6] Cost of contract work not included.
[7] Comparable statistics for the group as a whole not available for years prior to 1927.
[8] Not comparable with figures for 1939; prepared flour establishments only; blended flour establishments were not canvassed for 1937.

## GENERAL STATISTICS IN DETAIL, FOR THE GROUP, THE SUBGROUPS, AND FOR THE INDUSTRIES [1]: 1939

| ITEM | Aggregate for the group | MEAT PRODUCTS | | | | | | DAIRY PRODUCTS | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | 111 | 112 | 113 | 114 | 115 | Total | 121 | 122 |
| Number of establishments [2] | 51,448 | 3,387 | 1,478 | 40 | 1,067 | 37 | 765 | 9,535 | 3,506 | 2,682 |
| Proprietors and firm members | 40,837 | 2,528 | 1,190 | 25 | 750 | 13 | 550 | 6,923 | 2,667 | 2,339 |
| Persons reported by manufacturing industries, total [3] | 1,132,625 | 203,813 | 168,108 | 782 | 16,998 | 1,194 | 16,731 | 86,426 | 28,774 | 6,152 |
| Salaried officers of corporations [3] | 20,645 | 2,238 | 1,440 | 28 | 554 | 28 | 188 | 2,070 | 562 | 79 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [3] | 92,528 | 18,247 | 15,627 | 59 | 1,258 | 68 | 1,235 | 11,045 | 5,081 | 663 |
| Wage earners (average for the year) [4] | 823,693 | 147,263 | 119,853 | 640 | 11,277 | 987 | 14,506 | 50,756 | 17,953 | 5,009 |
| Distribution | 173,885 | 33,007 | 28,459 | 30 | 3,720 | 111 | 687 | 19,935 | 4,589 | 352 |
| Construction | 8,626 | 1,533 | 1,437 | 18 | 59 | ---------- | 19 | 1,042 | 306 | 26 |
| Other | 13,248 | 1,525 | 1,292 | 7 | 130 | ---------- | 96 | 1,578 | 283 | 23 |
| Salaries and wages, total [3] | $1,465,558,100 | $294,456,401 | $255,561,747 | $959,175 | $24,537,484 | $1,442,278 | $11,955,717 | $110,040,023 | $32,907,473 | $6,787,707 |
| Salaried officers [3] | 97,839,198 | 12,573,709 | 8,979,631 | 89,354 | 2,715,901 | 165,278 | 623,545 | 8,168,249 | 1,821,807 | 272,728 |
| Manufacturing: | | | | | | | | | | |
| Salaries [3] | 164,114,322 | 35,378,666 | 31,101,362 | 105,958 | 2,288,880 | 122,641 | 1,759,825 | 16,035,873 | 6,569,377 | 901,199 |
| Wages | 913,984,950 | 185,213,417 | 161,523,772 | 688,864 | 13,473,199 | 882,335 | 8,645,247 | 54,538,971 | 18,378,544 | 5,155,715 |
| Distribution | 259,440,391 | 56,673,837 | 49,695,579 | 51,408 | 5,838,172 | 272,024 | 816,654 | 27,860,411 | 5,519,598 | 410,228 |
| Construction | 12,153,537 | 2,215,192 | 2,106,208 | 17,972 | 72,307 | ---------- | 18,705 | 1,317,547 | 316,695 | 28,347 |
| Other | 18,025,702 | 2,401,580 | 2,155,195 | 5,619 | 149,025 | ---------- | 91,741 | 2,118,972 | 301,452 | 19,490 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 7,002,039,218 | 2,510,514,224 | 2,226,539,039 | 477,578 | 165,045,149 | 3,709,461 | 114,742,997 | 870,023,311 | 418,751,847 | 91,440,315 |
| Materials, supplies, and containers | 6,895,302,394 | [5] 2,488,075,934 | 2,207,486,622 | 329,948 | 162,741,298 | 3,673,182 | [6] 113,844,884 | 846,508,019 | 410,617,230 | 89,386,179 |
| Fuel | 86,958,179 | 11,900,396 | 10,563,840 | 52,324 | 923,831 | 17,960 | 342,441 | 12,106,715 | 4,334,783 | 1,381,178 |
| Purchased electric energy | 74,913,613 | 9,039,547 | 7,026,317 | 95,306 | 1,343,933 | 18,319 | 555,672 | 11,189,667 | 3,630,917 | 664,486 |
| Contract work | 4,865,032 | [5] 1,498,347 | 1,462,260 | ---------- | 36,087 | ---------- | (6) | 218,910 | 168,917 | 8,472 |
| Value of products | 10,618,025,930 | 3,002,639,358 | 2,648,325,552 | 1,932,722 | 208,048,345 | 6,014,658 | 138,318,081 | 1,153,560,494 | 492,221,462 | 108,207,060 |
| Value added by manufacture [7] | 3,555,986,712 | 492,125,134 | 421,786,513 | 1,455,144 | 43,003,196 | 2,305,197 | 23,575,084 | 283,537,183 | 73,469,615 | 16,766,745 |

See footnotes at end of table.

## GENERAL STATISTICS IN DETAIL, FOR THE GROUP, THE SUBGROUPS, AND FOR THE INDUSTRIES [1]: 1939—Continued

| ITEM | DAIRY PRODUCTS—continued | | | CANNED AND PRESERVED FOODS | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 123 | 124 | 125 | Total | 131 | 132 | 133 | 134 | 135 |
| Number of establishments [2] | 562 | 2,734 | 51 | 3,053 | 214 | 114 | 2,007 | 171 | 377 |
| Proprietors and firm members | 90 | 1,816 | 11 | 1,803 | 103 | 81 | 1,182 | 79 | 261 |
| Persons reported by manufacturing industries, total [3] | 12,392 | 36,023 | 3,085 | 151,417 | 16,928 | 2,344 | 108,841 | 4,774 | 12,194 |
| Salaried officers of corporations [3] | 126 | 1,269 | 34 | 1,916 | 190 | 53 | 1,131 | 153 | 294 |
| Manufacturing: | | | | | | | | | |
| Salaried employees [3] | 1,482 | 3,489 | 330 | 8,928 | 638 | 196 | 6,431 | 393 | 822 |
| Wage earners (average for the year) [4] | 9,705 | 15,711 | 2,378 | 134,471 | 15,735 | 1,893 | 98,022 | 3,717 | 9,908 |
| Distribution | 641 | 14,068 | 285 | 4,742 | 179 | 175 | 2,294 | 447 | 1,109 |
| Construction | 230 | 470 | 10 | 737 | 97 | 19 | 543 | 23 | 34 |
| Other | 208 | 1,016 | 48 | 623 | 89 | 8 | 420 | 41 | 27 |
| Salaries and wages, total [3] | $15,915,856 | $50,628,902 | $3.800,085 | $117,993,472 | $9,283,827 | $2,616,166 | $82,877,776 | $5,289,747 | $11,740,305 |
| Salaried officers [3] | 675,185 | 5,211,081 | 187,448 | 7,670,514 | 767,231 | 284,198 | 4,340,407 | 700,062 | 1,173,288 |
| Manufacturing: | | | | | | | | | |
| Salaries [3] | 2,453,853 | 5,449,690 | 661,754 | 13,426,037 | 918,400 | 325,988 | 9,416,396 | 621,931 | 1,397,756 |
| Wages | 11,233,725 | 17,344,036 | 2,426,951 | 88,741,401 | 7,228,083 | 1,669,604 | 65,234,801 | 3,125,617 | 7,393,306 |
| Distribution | 1,062,622 | 20,423,235 | 444,728 | 6,680,400 | 189,839 | 301,437 | 2,920,436 | 756,214 | 1,679,741 |
| Construction | 239,913 | 712,637 | 19,955 | 904,137 | 79,125 | 26,149 | 656,287 | 31,808 | 50,247 |
| Other | 250,558 | 1,488,223 | 59,249 | 570,983 | 101,149 | 8,790 | 309,449 | 54,115 | 45,967 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 163,523,169 | 145,924,115 | 50,383,865 | 520,630,158 | 40,021,588 | 10,971,721 | 356,280,508 | 26,681,864 | 42.618,673 |
| Materials, supplies, and containers | 157,712,090 | 138,691,316 | 50,101,204 | [5] 511,943,333 | 39,406,253 | 10,818,392 | 349,863,318 | [6] 26,313,803 | [6] 41,888,112 |
| Fuel | 4,538,191 | 1,719,225 | 133,338 | 5,254,010 | 401,987 | 65,261 | 3,952 764 | 246,515 | 454,554 |
| Purchased electric energy | 1,243,409 | 5,501,532 | 149,323 | 2,820,562 | 193,141 | 87,126 | 1,873,322 | 121,546 | 276,007 |
| Contract work | 29,479 | 12,042 | ---------- | 612,253 | 20,207 | 942 | 591,104 | (6) | (6) |
| Value of products | 209 755,891 | 285,806,781 | 57,569,300 | 838,125,683 | 65,455,696 | 15,614,728 | 587,343,024 | 38,025,559 | 72,637,388 |
| Value added by manufacture [7] | 46,232,722 | 139,882,666 | 7,185,435 | 317,495,525 | 25,434,108 | 4,643,007 | 231,062,516 | 11,343,695 | 30,018,715 |

| ITEM | CANNED AND PRESERVED FOODS—continued | | GRAIN-MILL PRODUCTS | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 136 | 137 | Total | 141 | 142 | 143 | 144 | 145 |
| Number of establishments [2] | 134 | 36 | 3,746 | 2,143 | 1,383 | 70 | 72 | 78 |
| Proprietors and firm members | 87 | 10 | 2,988 | 1,913 | 981 | 28 | 28 | 38 |
| Persons reported by manufacturing industries, total [3] | 3,511 | 2,825 | 73,511 | 35,978 | 24,177 | 9,033 | 3,218 | 1,105 |
| Salaried officers of corporations [3] | 76 | 19 | 2,106 | 1,131 | 794 | 52 | 83 | 46 |
| Manufacturing: | | | | | | | | |
| Salaried employees [3] | 326 | 122 | 8,762 | 4,417 | 2,747 | 959 | 509 | 130 |
| Wage earners (average for the year) [4] | 2,556 | 2,640 | 50,682 | 24,771 | 15.401 | 7,458 | 2,346 | 706 |
| Distribution | 500 | 38 | 10,501 | 4,895 | 4,761 | 410 | 213 | 222 |
| Construction | 18 | 3 | 671 | 387 | 243 | 28 | 13 | ---------- |
| Other | 35 | 3 | 789 | 377 | 231 | 126 | 54 | 1 |
| Salaries and wages, total [3] | $4,190,235 | $1,995,416 | $99,338,920 | $49,374,893 | $31,803,464 | $13,647,250 | $3,094,104 | $1,419,209 |
| Salaried officers [3] | 294,447 | 110,881 | 9,691,727 | 4,711,539 | 3,875,937 | 574,566 | 323,647 | 206,038 |
| Manufacturing: | | | | | | | | |
| Salaries [3] | 575,655 | 169,911 | 15,478.203 | 7,806,429 | 4,436,823 | 2,205,024 | 828,704 | 201,223 |
| Wages | 2,433,965 | 1,656,025 | 56,605,833 | 28,369,796 | 16,252,988 | 9,856,757 | 1,533,096 | 593,196 |
| Distribution | 792,804 | 39,929 | 15,799,237 | 7,590,353 | 6,694,642 | 770,947 | 326,237 | 417,058 |
| Construction | 43,323 | 17,198 | 859,144 | 507,034 | 295,114 | 36,243 | 20,579 | 174 |
| Other | 50,041 | 1,472 | 904,776 | 389,742 | 247,960 | 203,713 | 61,841 | 1,520 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 37,873,069 | 6,182,735 | 914,504,310 | 506,061,519 | 302,640,178 | 58,033.997 | 33,802,651 | 13,965,965 |
| Materials, supplies, and containers | 37,652,204 | 6,001,251 | 899,570,263 | 497,474,371 | 298,420,369 | 56,156,793 | 33,625,771 | 13,892,959 |
| Fuel | 105,811 | 27,118 | 4,426,146 | 2,256.405 | 1,113,775 | 995,859 | 42,911 | 17,196 |
| Purchased electric energy | 115,054 | 154,366 | 10,328,124 | 6,226,425 | 3,030,845 | 881,345 | 133,699 | 55,810 |
| Contract work | ---------- | ---------- | 179,777 | 104,318 | 75,189 | ---------- | 270 | ---------- |
| Value of products | 48,941,846 | 10,107,442 | 1,240,463,572 | 649,943,088 | 401,880,238 | 128,382,565 | 42,363,349 | 17,894,332 |
| Value added by manufacture [7] | 11,068,777 | 3,924,707 | 325,959,262 | 143,881,569 | 99,240,060 | 70,348,568 | 8,560,698 | 3,928,367 |

See footnotes at end of table.

GENERAL STATISTICS IN DETAIL, FOR THE GROUP, THE SUBGROUPS, AND FOR THE INDUSTRIES [1]: 1939—Continued

| ITEM | BAKERY PRODUCTS | | | SUGAR | | | | CONFECTIONERY AND RELATED PRODUCTS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total | 151 | 152 | Total | 161 | 162 | 163 | Total | 171 | 172 | 173 |
| Number of establishments [2] | 18,399 | 18,043 | 356 | 190 | 78 | 27 | 85 | 1,318 | 1,252 | 39 | 27 |
| Proprietors and firm members | 18,985 | 18,783 | 202 | 40 | 37 | 3 | ---------- | 821 | 814 | 4 | 3 |
| Persons reported by manufacturing industries, total [3] | 283,521 | 247,591 | 35,930 | 34,446 | 5,294 | 16,828 | 12,324 | 73,635 | 61,111 | 8,831 | 3,693 |
| Salaried officers of corporations [3] | 3,401 | 3,094 | 307 | 132 | 74 | 24 | 34 | 1,055 | 959 | 58 | 38 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [3] | 15,691 | 13,610 | 2,081 | 3,738 | 613 | 1,682 | 1,443 | 4,757 | 3,716 | 725 | 316 |
| Wage earners (average for the year) [4] | 230,706 | 201,533 | 29,173 | 28,760 | 4,217 | 14,133 | 10,410 | 58,831 | 49,740 | 6,464 | 2,627 |
| Distribution | 28,566 | 24,720 | 3,846 | 209 | 15 | 193 | 1 | 7,817 | 6,154 | 1,010 | 653 |
| Construction | 1,168 | 1,007 | 161 | 708 | 369 | 266 | 73 | 531 | 190 | 334 | 7 |
| Other | 3,989 | 3,627 | 362 | 899 | 6 | 530 | 363 | 644 | 352 | 240 | 52 |
| Salaries and wages, total [3] | $372,724,828 | $330,665,684 | $42,059,144 | $41,551,335 | $3,731,239 | $21,412,044 | $16,408,052 | $81,591,275 | $63,124,190 | $13,030,169 | $5,436,916 |
| Salaried officers [3] | 14,476,098 | 12,666,456 | 1,809,642 | 670,379 | 268,022 | 207,722 | 194,635 | 6,378,032 | 5,333,149 | 686,447 | 358,436 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [3] | 28,193,910 | 24,308,430 | 3,885,480 | 6,919,086 | 558,952 | 3,613,035 | 2,747,099 | 8,557,406 | 6,457,177 | 1,422,378 | 677,851 |
| Wages | 290,551,182 | 262,001,562 | 28,549,620 | 31,131,326 | 2,573,319 | 16,196,690 | 12,361,317 | 52,081,843 | 41,084,966 | 7,711,129 | 3,285,748 |
| Distribution | 32,835,585 | 26,289,702 | 6,545,883 | 415,387 | 19,333 | 394,964 | 1,090 | 12,814,660 | 9,455,370 | 2,346,357 | 1,012,933 |
| Construction | 1,914,112 | 1,510,628 | 403,484 | 874,011 | 301,527 | 365,636 | 206,848 | 827,077 | 351,073 | 457,595 | 18,409 |
| Other | 4,753,941 | 3,888,906 | 865,035 | 1,541,146 | 10,086 | 633,997 | 897,063 | 932,257 | 442,455 | 406,263 | 83,539 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 649,476,628 | 567,427,173 | 82,049,455 | 441,845,223 | 23,017,224 | 333,876,627 | 84,951,372 | 251,825,156 | 170,735,600 | 63,459,569 | 17,629,987 |
| Materials, supplies and containers | 619,446,477 | 539,981,125 | 79,465,352 | [5] 430,897,808 | 22,317,139 | [6] 329,336,487 | 79,244,182 | 246,414,813 | 167,017,930 | 61,993,752 | 17,403,131 |
| Fuel | 17,850,398 | 16,043,573 | 1,806,825 | 10,527,074 | 615,321 | 4,412,707 | 5,499,046 | 2,609,405 | 1,744,923 | 737,533 | 126,949 |
| Purchased electric energy | 12,171,923 | 11,394,645 | 777,278 | 402,852 | 67,275 | 127,433 | 208,144 | 2,643,269 | 1,815,078 | 728,284 | 99,907 |
| Contract work | 7,830 | 7,830 | ---------- | 17,489 | 17,489 | (6) | ---------- | 157,669 | 157,669 | ---------- | ---------- |
| Value of products | 1,411,816,633 | 1,211,023,755 | 200,792,878 | 557,792,679 | 33,526,898 | 389,869,764 | 134,396,017 | 457,563,262 | 297,761,813 | 99,018,203 | 60,783,246 |
| Value added by manufacture [7] | 762,340,005 | 643,596,582 | 118,743,423 | 115,947,456 | 10,509,674 | 55,993,137 | 49,444,645 | 205,738,106 | 127,026,213 | 35,558,634 | 43,153,259 |

| ITEM | BEVERAGES | | | | | | | MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Total | 181 | 182 | 183 | 184 | 185 | 186 | Total | 191 | 192 |
| Number of establishments [2] | 5,745 | 4,504 | 605 | 52 | 301 | 135 | 148 | 6,075 | 47 | 56 |
| Proprietors and firm members | 3,807 | 3,530 | 40 | 2 | 214 | 5 | 16 | 2,942 | 3 | 1 |
| Persons reported by manufacturing industries, total [3] | 131,559 | 54,904 | 61,185 | 1,902 | 3,491 | 5,752 | 4,235 | 94,297 | 4,023 | 6,407 |
| Salaried officers of corporations [3] | 4,502 | 2,827 | 1,216 | 50 | 172 | 131 | 106 | 3,225 | 49 | 41 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [3] | 11,867 | 4,739 | 4,607 | 231 | 504 | 900 | 886 | 9,493 | 456 | 959 |
| Wage earners (average for the year) [4] | 67,777 | 21,265 | 36,088 | 1,459 | 2,056 | 4,091 | 2,818 | 54,447 | 2,334 | 4,672 |
| Distribution | 44,095 | 25,357 | 17,424 | 77 | 585 | 246 | 406 | 25,013 | 992 | 622 |
| Construction | 1,293 | 210 | 735 | 68 | 109 | 167 | 4 | 943 | 180 | 103 |
| Other | 2,025 | 596 | 1,115 | 17 | 65 | 217 | 15 | 1,176 | 12 | 10 |
| Salaries and wages, total [3] | $222,396,236 | $76,831,849 | $122,264,690 | $4,136,702 | $4,550,868 | $8,258,731 | $6,353,396 | $125,465,610 | $7,554,421 | $9,088,273 |
| Salaried officers [3] | 24,236,553 | 11,862,603 | 9,657,007 | 677,132 | 661,086 | 690,910 | 687,815 | 13,973,937 | 521,608 | 313,067 |
| Manufacturing: | | | | | | | | | | |
| Salaries [3] | 22,360,711 | 7,446,711 | 10,441,516 | 588,471 | 783,216 | 1,616,336 | 1,484,461 | 17,764,430 | 1,184,665 | 2,024,621 |
| Wages | 95,292,771 | 20,344,719 | 62,231,236 | 2,593,142 | 2,023,106 | 4,884,598 | 3,215,970 | 59,828,206 | 3,654,208 | 5,396,788 |
| Distribution | 75,007,103 | 36,120,502 | 36,290,542 | 193,709 | 975,082 | 492,541 | 934,727 | 31,353,771 | 1,778,791 | 1,220,173 |
| Construction | 1,957,028 | 271,425 | 1,356,408 | 46,998 | 77,122 | 196,715 | 8,360 | 1,285,289 | 386,482 | 126,974 |
| Other | 3,542,070 | 785,889 | 2,287,981 | 37,250 | 31,256 | 377,631 | 22,063 | 1,259,977 | 28,667 | 6,650 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 432,142,801 | 153,935,249 | 162,896,515 | 39,295,774 | 19,386,754 | 28,383,830 | 28,244,679 | 471,077,407 | 14,462,304 | 154,357,703 |
| Materials, supplies, and containers | 412,961,806 | 149,677,814 | 153,071,102 | 37,321,880 | 18,825,902 | 26,083,762 | 27,981,346 | [5] 41,087,360 | [6] 13,541,712 | 152,161,141 |
| Fuel | 11,680,891 | 1,500,842 | 6,592,609 | 1,345,639 | 223,693 | 1,888,203 | 129,905 | 10,603,144 | 587,100 | 1,369,659 |
| Purchased electric energy | 7,182,984 | 2,632,748 | 3,097,674 | 628,255 | 289,259 | 401,620 | 133,428 | 19,134,685 | 333,492 | 699,719 |
| Contract work | 317,120 | 123,845 | 135,130 | ---------- | 47,900 | 10,245 | ---------- | [5] 252,218 | (6) | 127,184 |
| Value of products | 1,088,340,329 | 365,778,930 | 526,076,938 | 58,478,581 | 32,782,080 | 56,080,195 | 49,143,605 | 867,723,920 | 31,774,637 | 186,252,453 |
| Value added by manufacture [7] | 656,197,528 | 211,843,681 | 363,180,423 | 19,182,807 | 13,395,326 | 27,696,365 | 20,898,926 | 396,646,513 | 17,312,333 | 31,894,750 |

See footnotes at end of table.

## GENERAL STATISTICS IN DETAIL, FOR THE GROUP, THE SUBGROUPS, AND FOR THE INDUSTRIES [1]: 1939—Continued

| ITEM | MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS—continued | | | | | | |
|---|---|---|---|---|---|---|---|
| | 193 | 194 | 195 | 196 | 197 | 198 | 199 |
| Number of establishments [2] | 18 | 35 | 477 | 132 | 3,975 | 328 | 1,007 |
| Proprietors and firm members | 1 | 9 | 221 | 70 | 1,567 | 311 | 759 |
| Persons reported by manufacturing industries, total [3] | 1,709 | 9,024 | 6,950 | 1,330 | 37,230 | 8,140 | 19,484 |
| Salaried officers of corporations [3] | 26 | 28 | 440 | 43 | 1,658 | 285 | 655 |
| Manufacturing: | | | | | | | |
| Salaried employees [3] | 234 | 1,142 | 904 | 145 | 3,475 | 519 | 1,659 |
| Wage earners (average for the year) [4] | 984 | 6,764 | 3,589 | 1,059 | 15,912 | 6,013 | 13,120 |
| Distribution | 442 | 665 | 1,931 | 71 | 15,277 | 1,126 | 3,887 |
| Construction | 8 | 222 | 35 | ---------- | 317 | 23 | 55 |
| Other | 15 | 203 | 51 | 12 | 591 | 174 | 108 |
| Salaries and wages, total [3] | $2,896,387 | $15,726,372 | $12,299,959 | $1,356,274 | $43,960,194 | $9,351,393 | $23,232,337 |
| Salaried officers [3] | 257,969 | 260,282 | 2,806,532 | 153,355 | 5,245,602 | 1,217,386 | 3,198,136 |
| Manufacturing: | | | | | | | |
| Salaries [3] | 508,349 | 2,954,075 | 1,674,009 | 208,095 | 5,531,287 | 774,795 | 2,904,534 |
| Wages | 1,294,512 | 10,585,599 | 3,764,360 | 876,651 | 17,691,894 | 5,383,421 | 11,180,773 |
| Distribution | 797,239 | 1,424,855 | 3,926,985 | 110,199 | 14,625,872 | 1,739,332 | 5,730,325 |
| Construction | 13,853 | 249,528 | 46,905 | ---------- | 303,878 | 60,388 | 97,281 |
| Other | 24,465 | 252,033 | 81,168 | 7,974 | 561,661 | 176,071 | 121,288 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 21,734,278 | 66,915,692 | 50,167,843 | 4,265,980 | 26,010,218 | 26,929,121 | 106,234,268 |
| Materials, supplies, and containers | 21,467,103 | 63,662,138 | 49,671,293 | 4,062,305 | 6,237,042 | 25,764,918 | 104,519,708 |
| Fuel | 133,508 | 3,069,028 | 258,195 | 101,515 | 3,791,017 | 302,661 | 990,461 |
| Purchased electric energy | 133,667 | 184,526 | 234,600 | 101,657 | 15,971,583 | 797,445 | 677,996 |
| Contract work | ---------- | ---------- | 3,755 | 503 | 10,576 | 64,097 | 46,103 |
| Value of products | 34,101,757 | 119,408,253 | 139,901,840 | 7,505,800 | 130,166,312 | 46,153,471 | 172,459,397 |
| Value added by manufacture [7] | 12,367,479 | 52,492,561 | 89,733,997 | 3,239,820 | 104,156,094 | 19,224,350 | 66,225,129 |

[1] The numbers at the head of each column represent the following industries:

111. Meat packing, wholesale.
112. Custom slaughtering, wholesale.
113. Sausages, prepared meats, and other meat products—not made in meat-packing establishments.
114. Sausage casings—not made in meat-packing establishments.
115. Poultry dressing and packing, wholesale.
121. Creamery butter.
122. Cheese.
123. Condensed and evaporated milk.
124. Ice cream and ices.
125. Special dairy products..
131. Canned fish, crustacea, and mollusks.
132. Cured fish.
133. Canned and dried fruits and vegetables (including canned soups).
134. Preserves, jams, jellies, and fruit butters.
135. Pickled fruits and vegetables and vegetable sauces and seasonings.
136. Salad dressings.
137. Quick-frozen foods.
141. Flour and other grain-mill products.
142. Prepared feeds (including mineral) for animals and fowls.
143. Cereal preparations.
144. Rice cleaning and polishing.
145. Blended and prepared flour made from purchased flour.
151. Bread and other bakery products (except biscuit, crackers, and pretzels).
152. Biscuit, crackers, and pretzels.
161. Cane sugar—except refineries.
162. Cane-sugar refining.
163. Beet sugar.
171. Candy and other confectionery products.
172. Chocolate and cocoa products.
173. Chewing gum.
181. Nonalcoholic beverages.
182. Malt liquors.
183. Malt.
184. Wines.
185. Liquors, distilled.
186. Liquors, rectified or blended.
191. Baking powder, yeast, and other leavening compounds.
192. Cooking and other edible fats and oils, not elsewhere classified.
193. Oleomargarine—not made in meat-packing establishments.
194. Corn sirup, corn sugar, corn oil, and starch.
195. Flavoring extracts and flavoring sirups, not elsewhere classified.
196. Vinegar and cider.
197. Ice, manufactured.
198. Macaroni, spaghetti, vermicelli, and noodles.
199. Food preparations, not elsewhere classified.

[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] This figure includes a small amount of "Contract work" to avoid disclosure.
[6] "Contract work" included in "Materials, supplies, and containers" item to avoid disclosing data reported by an individual establishment.
[7] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

# MEAT PACKING, WHOLESALE

[A preliminary report for this industry was issued October 17, 1940]

**Description of the industry.**—The "Meat packing, wholesale" industry includes establishments engaged, for their own account, in the slaughtering of livestock to be sold fresh or used as material in canning, curing, making sausage, lard, and other products; also establishments which do not slaughter but purchase meats from others and use them as material in canning, curing, etc. 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 separate industry designations.

Table 1 shows statistics for the "Meat packing, wholesale" industry only, for 1939 and 1937, but for 1899 to 1935, inclusive, the figures include those for the "Custom slaughtering, wholesale" industry, which was, until 1939, a part of the "Meat packing" industry. For 1939, the "Custom slaughtering" industry formed only 0.07 of 1 percent of the total for the two industries. The 1937 reports were adjusted to show figures comparable with the 1939 figures for "Meat packing, wholesale" and for "Custom slaughtering, wholesale," but figures for earlier years were not separated.

**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 for others. For example, establishments 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 sold in the form in which they reach ultimate consumers but also the value of fresh meats produced by certain establishments and packed by others.

**Detailed statistics of products (table 4).**—This table does not include data for meat products reported by establishments assigned to other industries (except the "Custom slaughtering, wholesale" industry); for example, the "Sausages, prepared meats, and other meat products," etc., and "Sausage casings—not made in meat-packing establishments" industries.

The output of the "Meat-packing" industry includes certain products, such as glue, grease, tallow, shortenings (other than lard), vegetable cooking oils, salad oils, oleomargarine, soap, sausage products, sausage casings, and fertilizers, that are made to a large extent by establishments engaged primarily in the manufacture of these commodities, such establishments being classified separately for census purposes. Figures for these products, except sausage, meat puddings, headcheese, etc., and sausage casings, are not shown separately in table 4, but the value is included in that of "Other products (not classified in this industry)" in table 3.

**Number and weight of animals slaughtered (tables 6 and 7).**—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 these tables, but are given separately in table 8. 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 4 differ from the numbers of cattle slaughtered, as shown in tables 6 and 7, chiefly for the reason that hides are sometimes taken in exchange for slaughtering done on a custom or a 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 totals given in tables 6 and 7. This difference is also due to some extent to the fact that some establishments include data for hides that were purchased or were transferred from other establishments 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 lambskins among the products of some establishments. The numbers of pickled sheep and lambskins reported include some that were purchased or were transferred from other establishments and cured.

**Statistics on kind, quantity, and cost on the hoof of animals slaughtered.**—These data as shown in tables 6 and 7 were reported, for 1939, by 1,351 establishments, the total value of products of which amounted to $2,611,057,623, or 98.5 percent of the total value of products reported for the industry as a whole; and for 1937, by 1,032 establishments, the value of products of which amounted to $2,746,297,477, or 98.5 percent of the total value of products reported. Similar data in regard to the number of establishments reporting and the percentage of the industry represented by such establishments are not available for 1929.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1899 TO 1939

[The statistics given below for 1939 and 1937 cover the "Meat packing, wholesale" industry only, but those for other years cover the "Custom slaughtering, wholesale" industry also, which, until 1939, was a part of the "Meat packing" industry. For 1939 the "Custom slaughtering" industry formed only about 0.07 of 1 percent of the total "Value of products" for the two industries]

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 1,478 | 119,853 | $161,523,772 | $2,226,539,039 | $2,648,325,552 | $421,786,513 | 234,133 |
| 1937 | 1,136 | 126,917 | 169,722,612 | 2,385,820,822 | 2,785,547,750 | 399,726,928 | (4) |
| 1935 | 1,223 | 116,620 | 136,467,687 | 2,030,004,273 | 2,362,369,081 | 332,364,808 | (5) |
| 1933 | 1,078 | 113,193 | 112,265,704 | 1,202,539,178 | 1,490,085,488 | 287,546,310 | (4) |
| 1931 | 1,209 | 106,707 | 134,529,752 | 1,839,259,901 | 2,180,823,462 | 341,563,561 | (4) |
| 1929 | 1,277 | 122,505 | 165,867,420 | 2,974,127,757 | 3,434,654,098 | 460,526,341 | 235,980 |
| 1927 | 1,250 | 119,095 | 161,583,827 | 2,663,740,403 | 3,057,215,718 | 393,475,315 | 235,764 |
| 1925 | 1,269 | 120,422 | 159,355,189 | 2,625,192,435 | 3,050,286,291 | 425,093,856 | 233,108 |
| 1923 | 1,397 | 132,792 | 167,569,106 | 2,176,010,241 | 2,585,804,140 | 409,793,899 | 223,236 |
| 1921 | 1,184 | 117,042 | 152,902,633 | 1,868,198,302 | 2,200,942,072 | 332,743,770 | (4) |
| 1919 | 1,304 | 160,996 | 209,489,263 | 3,782,929,533 | 4,246,290,614 | 463,361,081 | 240,609 |
| 1914 | 1,279 | 98,832 | 62,135,722 | 1,441,662,658 | 1,651,965,424 | 210,302,766 | 212,963 |
| 1909 | 1,221 | 87,813 | 50,404,454 | 1,191,438,076 | 1,355,544,431 | 164,106,355 | 192,920 |
| 1904 | 929 | 74,134 | 40,326,972 | 805,856,969 | 913,914,624 | 108,057,655 | 112,961 |
| 1899 | 882 | 68,386 | 33,392,253 | 682,096,839 | 783,779,191 | 101,682,352 | 84,080 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Not called for on schedule.
[5] Data not available.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Alabama | Arizona | Arkansas | California | Colorado | Florida | Georgia | Idaho | Illinois | Indiana |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 1,478 | 16 | 16 | 6 | 129 | 26 | 12 | 16 | 16 | 82 | 67 |
| Proprietors and firm members | 1,190 | 15 | 19 | 6 | 143 | 28 | 3 | 6 | 13 | 40 | 53 |
| Persons reported by manufacturing establishments, total [2] | 168,108 | 903 | 553 | 213 | 7,501 | 2,356 | 591 | 2,175 | 270 | 31,644 | 6,202 |
| Salaried officers of corporations [2] | 1,440 | 10 | 12 | 2 | 72 | 16 | 14 | 12 | 18 | 128 | 75 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 15,627 | 75 | 56 | 19 | 651 | 353 | 45 | 172 | 30 | 3,187 | 555 |
| Wage earners (average for the year) [3] | 119,853 | 620 | 312 | 105 | 4,690 | 1,477 | 313 | 1,643 | 160 | 23,492 | 4,315 |
| Distribution | 28,459 | 150 | 158 | 86 | 1,888 | 501 | 212 | 333 | 54 | 4,547 | 1,076 |
| Construction | 1,437 | 27 | 4 | 1 | 84 | 5 | 2 | 12 | 6 | 248 | 127 |
| Other | 1,292 | 21 | 11 | ---------- | 116 | 4 | 5 | 3 | 2 | 42 | 54 |
| Salaries and wages, total [2] | $255,561,747 | $1,017,711 | $715,063 | $268,680 | $13,317,668 | $3,613,637 | $653,205 | $2,384,964 | $347,849 | $51,258,102 | $8,464,440 |
| Salaried officers [2] | 8,979,631 | 91,500 | 66,057 | 8,246 | 575,633 | 58,107 | 49,250 | 70,242 | 47,808 | 1,098,208 | 322,920 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 31,101,362 | 140,948 | 106,630 | 33,930 | 1,397,223 | 773,507 | 70,856 | 337,198 | 39,699 | 6,787,167 | 960,660 |
| Wages | 161,523,772 | 579,609 | 354,926 | 99,162 | 7,174,857 | 1,898,010 | 288,338 | 1,484,551 | 169,376 | 34,042,717 | 5,419,179 |
| Distribution | 49,695,579 | 164,024 | 170,683 | 127,104 | 3,549,230 | 874,396 | 235,701 | 475,123 | 77,009 | 8,894,002 | 1,571,085 |
| Construction | 2,106,208 | 23,367 | 2,786 | 238 | 150,098 | 5,479 | 4,160 | 11,677 | 5,663 | 387,551 | 134,348 |
| Other | 2,155,195 | 18,263 | 13,981 | ---------- | 470,627 | 4,138 | 4,900 | 6,173 | 8,294 | 48,457 | 56,248 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 2,226,539,039 | 9,879,789 | 6,265,296 | 1,814,731 | 136,189,040 | 27,397,382 | 5,653,061 | 19,192,321 | 3,294,752 | 398,469,212 | 66,342,344 |
| Materials, supplies, and containers | 2,207,486,622 | 9,769,576 | 6,164,202 | 1,789,268 | 135,322,677 | 27,122,305 | 5,583,653 | 18,952,996 | 3,243,076 | 394,880,889 | 65,635,308 |
| Fuel | 10,563,840 | 39,280 | 27,700 | 6,652 | 245,222 | 173,346 | 26,909 | 122,562 | 19,676 | 2,059,660 | 369,757 |
| Purchased electric energy | 7,026,317 | 66,910 | 73,394 | 18,811 | 409,104 | 101,731 | 42,499 | 116,763 | 32,000 | 983,053 | 335,406 |
| Contract work | 1,462,260 | 4,023 | ---------- | ---------- | 212,037 | ---------- | ---------- | ---------- | ---------- | 545,610 | 1,873 |
| Value of products | 2,648,325,552 | 11,239,523 | 7,186,960 | 2,034,275 | 156,948,364 | 33,005,533 | 6,631,757 | 23,648,314 | 4,065,493 | 479,501,224 | 80,292,977 |
| Value added by manufacture [4] | 421,786,513 | 1,359,734 | 921,664 | 219,544 | 20,759,324 | 5,608,151 | 978,696 | 4,455,993 | 770,741 | 81,032,012 | 13,950,633 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Iowa | Kansas | Kentucky | Louisiana | Maine | Maryland | Massachusetts | Michigan | Minnesota | Mississippi | Missouri |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 32 | 41 | 29 | 10 | 6 | 38 | 28 | 65 | 11 | 7 | 53 |
| Proprietors and firm members | 20 | 36 | 22 | 6 | 3 | 27 | 18 | 66 | 4 | 10 | 30 |
| Persons reported by manufacturing establishments, total [2] | 15,249 | 9,853 | 1,679 | 338 | 177 | 2,772 | 2,948 | 3,008 | 10,600 | 199 | 6,484 |
| Salaried officers of corporations [2] | 30 | 31 | 36 | 12 | 8 | 38 | 21 | 47 | 8 | 4 | 70 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 1,175 | 844 | 131 | 48 | 14 | 187 | 334 | 191 | 890 | 8 | 815 |
| Wage earners (average for the year) [3] | 11,027 | 7,384 | 1,078 | 207 | 115 | 1,931 | 2,082 | 2,215 | 8,801 | 131 | 4,538 |
| Distribution | 2,545 | 1,512 | 396 | 65 | 37 | 578 | 501 | 506 | 824 | 53 | 990 |
| Construction | 160 | 32 | 25 | 5 | ---------- | 38 | 1 | 18 | 41 | ---------- | 30 |
| Other | 312 | 50 | 13 | 1 | 3 | ---------- | 9 | 31 | 36 | 3 | 41 |
| Salaries and wages, total [2] | $22,333,551 | $14,015,091 | $2,170,266 | $413,327 | $214,456 | $3,793,818 | $4,996,336 | $4,711,655 | $16,540,714 | $161,947 | $10,333,273 |
| Salaried officers [2] | 315,919 | 170,642 | 215,433 | 37,615 | 29,170 | 219,115 | 140,120 | 285,873 | 83,690 | 8,320 | 393,494 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 2,452,928 | 1,596,502 | 245,723 | 93,831 | 16,847 | 330,570 | 614,944 | 338,587 | 1,831,716 | 7,392 | 1,623,416 |
| Wages | 14,642,221 | 9,546,424 | 1,112,175 | 190,060 | 126,451 | 1,897,788 | 3,211,983 | 3,190,296 | 12,983,321 | 89,802 | 6,538,462 |
| Distribution | 4,207,952 | 2,544,618 | 546,374 | 82,739 | 39,018 | 1,301,545 | 1,015,925 | 804,571 | 1,484,566 | 54,717 | 1,681,733 |
| Construction | 252,079 | 52,613 | 34,687 | 8,932 | ---------- | 44,800 | 1,612 | 29,124 | 73,576 | ---------- | 40,557 |
| Other | 462,452 | 104,292 | 15,874 | 150 | 2,970 | ---------- | 11,752 | 63,204 | 83,845 | 1,716 | 55,611 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 218,165,100 | 124,155,163 | 18,717,953 | 3,952,791 | 1,632,044 | 28,303,472 | 37,052,259 | 49,972,604 | 162,657,564 | 1,734,182 | 91,081,753 |
| Materials, supplies, and containers | 216,721,702 | 123,181,681 | 18,547,450 | 3,905,845 | 1,613,029 | 27,994,385 | 36,638,863 | 49,580,011 | 161,518,632 | 1,714,010 | 90,326,664 |
| Fuel | 946,220 | 593,796 | 92,124 | 21,352 | 10,944 | 140,002 | 263,052 | 230,995 | 887,109 | 4,852 | 418,685 |
| Purchased electric energy | 463,712 | 378,362 | 78,279 | 25,594 | 8,071 | 129,267 | 150,344 | 161,598 | 249,686 | 15,320 | 325,165 |
| Contract work | 33,466 | 1,324 | 100 | ---------- | ---------- | 39,818 | ---------- | ---------- | 2,137 | ---------- | 11,239 |
| Value of products | 257,314,633 | 143,885,891 | 22,312,527 | 4,481,060 | 1,998,743 | 34,767,939 | 43,569,671 | 57,069,086 | 198,124,044 | 2,096,131 | 107,254,213 |
| Value added by manufacture [4] | 39,149,533 | 19,730,728 | 3,594,574 | 528,269 | 366,699 | 6,464,467 | 6,517,412 | 7,096,482 | 35,466,480 | 361,949 | 16,172,460 |

| ITEM | Montana | Nebraska | Nevada | New Jersey | New York | North Carolina | Ohio | Oklahoma | Oregon | Pennsylvania | Rhode Island |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 13 | 27 | 5 | 31 | 86 | 14 | 158 | 25 | 31 | 128 | 4 |
| Proprietors and firm members | 9 | 33 | 5 | 11 | 44 | 13 | 161 | 19 | 24 | 110 | 6 |
| Persons reported by manufacturing establishments, total [2] | 394 | 6,131 | 135 | 4,110 | 8,937 | 297 | 8,822 | 2,893 | 980 | 7,703 | 56 |
| Salaried officers of corporations [2] | 12 | 14 | 4 | 43 | 124 | 5 | 151 | 18 | 23 | 124 | 3 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 44 | 528 | 3 | 428 | 813 | 34 | 770 | 270 | 90 | 543 | 2 |
| Wage earners (average for the year) [3] | 257 | 4,734 | 93 | 3,070 | 5,755 | 211 | 6,071 | 2,037 | 644 | 5,077 | 36 |
| Distribution | 59 | 811 | 21 | 558 | 2,156 | 43 | 1,719 | 549 | 200 | 1,815 | 15 |
| Construction | 14 | 35 | 10 | 4 | 41 | ---------- | 50 | 12 | 9 | 89 | ---------- |
| Other | 8 | 9 | 4 | 7 | 48 | 4 | 61 | 7 | 14 | 55 | ---------- |
| Salaries and wages, total [2] | $591,143 | $9,156,784 | $181,307 | $6,976,903 | $14,700,113 | $254,710 | $13,496,825 | $3,789,008 | $1,616,041 | $12,173,355 | $64,334 |
| Salaried officers [2] | 58,165 | 66,408 | 15,875 | 278,283 | 732,544 | 11,380 | 1,045,466 | 83,537 | 81,183 | 931,459 | 10,400 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 77,248 | 1,165,883 | 7,382 | 886,021 | 1,556,185 | 63,159 | 1,514,324 | 492,983 | 222,498 | 974,659 | 2,444 |
| Wages | 337,364 | 6,449,742 | 102,407 | 4,528,010 | 8,679,563 | 124,751 | 7,634,104 | 2,353,077 | 925,970 | 6,731,699 | 33,153 |
| Distribution | 94,977 | 1,398,440 | 39,695 | 1,265,029 | 3,583,825 | 52,950 | 3,107,247 | 833,757 | 362,596 | 3,254,475 | 18,337 |
| Construction | 15,775 | 50,515 | 13,676 | 8,572 | 74,030 | 390 | 75,360 | 18,724 | 10,766 | 184,773 | ---------- |
| Other | 7,614 | 25,796 | 2,272 | 10,988 | 73,966 | 2,080 | 120,324 | 6,930 | 13,028 | 96,290 | ---------- |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 3,809,947 | 103,782,129 | 1,284,172 | 68,237,693 | 129,654,081 | 2,391,163 | 110,619,278 | 26,040,372 | 12,913,568 | 81,760,111 | 813,119 |
| Materials, supplies, and containers | 3,750,312 | 102,942,116 | 1,264,326 | 67,418,562 | 128,519,915 | 2,361,972 | 109,671,539 | 25,860,664 | 12,793,876 | 80,961,614 | 804,617 |
| Fuel | 29,272 | 451,587 | 7,831 | 325,640 | 556,914 | 9,548 | 547,395 | 130,823 | 41,401 | 451,775 | 3,603 |
| Purchased electric energy | 30,363 | 373,698 | 12,015 | 195,386 | 377,731 | 19,643 | 377,811 | 48,885 | 67,800 | 316,954 | 4,899 |
| Contract work | ---------- | 14,728 | ---------- | 298,105 | 199,521 | ---------- | 22,533 | ---------- | 10,491 | 29,768 | ---------- |
| Value of products | 4,731,496 | 117,743,576 | 1,539,716 | 78,094,977 | 155,400,375 | 2,863,448 | 132,483,991 | 33,001,703 | 15,178,448 | 101,012,968 | 977,703 |
| Value added by manufacture [4] | 921,549 | 13,961,447 | 255,544 | 9,857,284 | 25,746,294 | 472,285 | 21,864,713 | 6,961,331 | 2,264,880 | 19,252,857 | 164,584 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | South Carolina | South Dakota | Tennessee | Texas | Utah | Virginia | Washington | West Virginia | Wisconsin | Wyoming | Other States [5] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 6 | 10 | 19 | 66 | 14 | 26 | 40 | 14 | 27 | 6 | 22 |
| Proprietors and firm members | 4 | 3 | 10 | 53 | 17 | 22 | 30 | 16 | 14 | 2 | 16 |
| Persons reported by manufacturing establishments, total [2] | 472 | 2,547 | 2,232 | 6,089 | 500 | 1,376 | 1,898 | 463 | 4,703 | 67 | 1,585 |
| Salaried officers of corporations [2] | 8 | 8 | 33 | 62 | 8 | 26 | 31 | 9 | 36 | 10 | 24 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 49 | 383 | 168 | 608 | 54 | 104 | 164 | 30 | 596 | 5 | 161 |
| Wage earners (average for the year) [3] | 321 | 2,121 | 1,524 | 3,944 | 244 | 952 | 1,245 | 289 | 3,456 | 33 | 1,100 |
| Distribution | 83 | 34 | 484 | 1,145 | 161 | 293 | 399 | 132 | 525 | 18 | 227 |
| Construction | 11 | 1 | 15 | 118 | 30 | 1 | 30 | 3 | 89 | ---------- | 9 |
| Other | ---------- | ---------- | 8 | 212 | 3 | ---------- | 29 | ---------- | 1 | 1 | 64 |
| Salaries and wages, total [2] | $444,810 | $3,724,269 | $2,779,864 | $8,247,087 | $779,865 | $1,520,129 | $2,832,080 | $504,928 | $7,541,354 | $107,034 | $2,354,051 |
| Salaried officers [2] | 71,050 | 22,377 | 224,649 | 364,378 | 27,569 | 135,707 | 161,405 | 32,383 | 171,466 | 34,738 | 131,847 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 58,861 | 762,391 | 324,317 | 1,156,313 | 91,564 | 144,339 | 284,038 | 52,619 | 1,164,822 | 13,234 | 285,804 |
| Wages | 186,822 | 2,892,625 | 1,451,068 | 4,505,023 | 365,102 | 811,329 | 1,631,348 | 262,866 | 4,961,461 | 40,258 | 1,476,322 |
| Distribution | 113,909 | 46,076 | 755,773 | 1,854,729 | 253,338 | 427,933 | 668,931 | 151,945 | 1,139,821 | 16,741 | 352,940 |
| Construction | 14,168 | 800 | 18,600 | 153,595 | 39,896 | 821 | 41,994 | 5,115 | 102,218 | ---------- | 13,073 |
| Other | ---------- | ---------- | 5,457 | 213,049 | 2,396 | ---------- | 44,364 | ---------- | 1,566 | 2,063 | 94,065 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 3,084,240 | 40,711,993 | 23,173,025 | 72,052,667 | 7,440,700 | 11,468,337 | 21,819,947 | 4,364,681 | 66,398,221 | 723,807 | 22,072,975 |
| Materials, supplies, and containers | 3,044,596 | 40,376,539 | 22,956,566 | 71,431,826 | 7,379,385 | 11,340,721 | 21,558,219 | 4,308,853 | 65,974,692 | 710,757 | 21,848,733 |
| Fuel | 11,950 | 210,080 | 129,178 | 251,137 | 24,847 | 53,605 | 127,855 | 35,417 | 316,701 | 4,647 | 142,739 |
| Purchased electric energy | 27,694 | 125,374 | 87,281 | 352,715 | 36,468 | 71,918 | 117,468 | 20,411 | 106,828 | 8,403 | 81,503 |
| Contract work | ---------- | ---------- | ---------- | 16,989 | ---------- | 2,093 | 16,405 | ---------- | ---------- | ---------- | ---------- |
| Value of products | 3,949,862 | 48,801,630 | 28,266,104 | 85,461,048 | 8,379,921 | 13,932,714 | 26,124,641 | 5,320,482 | 80,234,982 | 871,921 | 26,525,488 |
| Value added by manufacture [4] | 865,622 | 8,089,637 | 5,093,079 | 13,408,381 | 939,221 | 2,464,377 | 4,304,694 | 955,801 | 13,836,761 | 148,114 | 4,452,513 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Connecticut, 5 establishments; Delaware, 6; District of Columbia, 2; New Hampshire, 1; New Mexico, 3; North Dakota, 3; Vermont, 2.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937

[Data for 1929 not available. See headnote, table 1]

| | 1939 | 1937 |
|---|---|---|
| Meat Packing, Wholesale industry, all products, total value | $2,648,325,552 | $2,785,547,750 |
| Meat packing products and byproducts | 2,399,570,615 | 2,473,483,073 |
| Meat packing and other products not reported by kind | 52,122,069 | 63,419,254 |
| Merchandise (fresh meats and produce bought and resold without processing) | 103,406,131 | 247,084,716 |
| Miscellaneous products [1] | 7,644,550 | |
| Other products (not classified in this industry) | [2] 83,108,363 | |
| Scrap and salable refuse | 677,174 | |
| Receipts for custom and contract work | 1,796,650 | 1,560,707 |
| Meat packing products and byproducts, aggregate value | 2,400,147,646 | 2,473,826,803 |
| Made in "Meat packing, wholesale" industry | 2,399,570,615 | 2,473,483,073 |
| Made in "Custom slaughtering, wholesale" industry | 577,031 | 343,730 |

[1] Byproducts resulting from slaughtering and meat packing operations, such as beef heads and feet, tails, horns, horn tips, etc.
[2] Products classified in other industries, such as mincemeat, oleomargarine, shortenings (other than lard), lard oil, edible and inedible animal oils, vegetable oils, tallow, grease, soap stock, soap, digester tankage, meat scraps, other livestock byproduct feeds, fertilizers (complete), gelatin animal glue, gut strings, ice, dressed poultry, pharmaceuticals, cheese, butter, peanut butter, and other miscellaneous foods.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

[In making use of the figures in this table, it must be borne in mind that they refer only to products made in the "Meat packing, wholesale" industry and as secondary products in the "Custom slaughtering, wholesale" industry. These data were supplied for 1939 by 1,285 establishments which reported 98 percent of the total value of products for the industries, and for 1937 by 944 establishments which reported 97.7 percent. Similar data as to number of establishments and percent reporting for 1929 are not available]

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Aggregate value | $2,400,147,646 | $2,473,826,803 | $3,193,538,541 |
| Fresh meat: | | | |
| Total pounds | 10,942,670,457 | 9,956,376,142 | 9,844,659,812 |
| Total value | $1,457,549,938 | $1,418,729,527 | $1,780,842,559 |
| Beef— | | | |
| Pounds | 5,462,233,287 | 5,235,563,960 | 4,575,491,960 |
| Value | $762,724,839 | $710,531,368 | $859,802,873 |
| Veal— | | | |
| Pounds | 672,503,374 | 778,776,802 | 511,102,745 |
| Value | $97,342,968 | $105,086,001 | $107,196,896 |
| Mutton and lamb— | | | |
| Pounds | 780,423,440 | 775,211,413 | 601,718,832 |
| Value | $126,313,454 | $128,270,281 | $145,416,001 |
| Pork— | | | |
| Pounds | 3,330,132,434 | 2,519,146,851 | 3,571,276,745 |
| Value | $408,242,917 | $415,525,668 | $603,537,342 |
| Edible organs (livers, hearts, brains, tongues, tripe, etc.)— | | | |
| Pounds | 678,616,064 | 631,141,759 | 568,686,957 |
| Value | $61,641,345 | $57,989,923 | $63,029,655 |
| Other fresh meat— | | | |
| Pounds | 18,761,858 | 16,535,357 | 16,382,573 |
| Value | $1,284,415 | $1,326,286 | $1,859,792 |
| Cured meat: | | | |
| Total pounds | 2,918,863,444 | 2,388,831,440 | 3,751,962,635 |
| Total value | $451,085,203 | $503,881,461 | $748,418,116 |
| Beef, pickled and other cured— | | | |
| Pounds | 68,408,697 | 71,425,708 | 71,593,184 |
| Value | $15,021,856 | $15,018,947 | $21,748,985 |
| Pork, pickled and dry-cured, smoked— | | | |
| Pounds | 1,369,063,779 | 996,065,821 | 1,295,187,924 |
| Value | $245,855,045 | $235,530,519 | $302,925,443 |
| Pork, pickled and dry-cured, not smoked— | | | |
| Pounds | 707,678,211 | 641,763,910 | 1,271,066,105 |
| Value | $95,478,932 | $118,556,833 | $231,241,113 |
| Pork, dry-salted, smoked— | | | |
| Pounds | 72,795,599 | 114,833,686 | 101,778,955 |
| Value | $11,067,525 | $24,268,086 | $20,642,253 |
| Pork, dry-salted, not smoked— | | | |
| Pounds | 558,862,217 | 430,527,199 | 860,147,550 |
| Value | $41,098,018 | $64,072,256 | $113,887,890 |
| Cooked hams [1]— | | | |
| Pounds | 142,054,941 | 134,215,116 | 152,188,917 |
| Value | $42,563,827 | $46,434,820 | $57,972,432 |
| Canned meats, vacuum-cooked and other (except sausage) [1]: | | | |
| Total pounds | 330,769,439 | 240,767,016 | 149,582,361 |
| Total value | $63,348,362 | $48,182,856 | $38,114,158 |
| Beef— | | | |
| Pounds | 44,029,345 | (2) | (2) |
| Value | $6,348,291 | | |
| Pork— | | | |
| Pounds | 209,468,126 | | |
| Value | $44,500,842 | | |
| Other— | | | |
| Pounds | 77,271,968 | | |
| Value | $12,499,229 | | |
| Canned sausage [1]: | | | |
| Total pounds | 27,114,071 | 26,604,334 | 19,551,909 |
| Total value | $5,367,578 | $5,714,688 | $4,404,404 |
| Pork— | | | |
| Pounds | 3,538,677 | (2) | (2) |
| Value | $757,140 | | |
| Other— | | | |
| Pounds | 23,575,394 | | |
| Value | $4,610,438 | | |
| Sausage, other than canned [1]: | | | |
| Total pounds | 1,035,629,060 | 988,968,750 | 928,573,434 |
| Total value | $166,153,196 | $174,934,695 | $201,623,004 |
| Dry— | | | |
| Pounds | 75,555,139 | 80,438,225 | (2) |
| Value | $17,037,216 | $18,880,082 | |
| Fresh (bologna, meat puddings, meat loaf, headcheese, scrapple, etc.)— | | | |
| Pounds | 960,073,921 | 908,530,525 | |
| Value | $149,115,980 | $156,054,613 | |

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Sausage casings, total value [3] | $11,943,139 | $16,143,700 | $21,847,525 |
| Beef casings | 2,159,014 | 3,285,228 | 8,067,081 |
| Sheep and lamb casings | 3,516,657 | 4,351,309 | 5,124,635 |
| Hog casings | 6,267,468 | 8,507,163 | 8,655,809 |
| Lard: | | | |
| Pounds | 1,552,337,709 | 1,034,927,606 | 2,041,210,887 |
| Value | $107,422,295 | $126,331,478 | $248,007,633 |
| Dog and cat food [4]: | | | |
| Total pounds | 158,241,401 | 150,319,869 | (2) |
| Total value | $8,872,750 | $8,383,863 | |
| Canned: | | | |
| Pounds | 156,593,560 | 140,545,147 | (2) |
| Value | $8,789,942 | $7,955,161 | |
| Other than canned: | | | |
| Pounds | 1,647,841 | 9,774,722 | |
| Value | $82,808 | $428,702 | |
| Oleo oil: | | | |
| Pounds | 66,324,904 | 67,738,829 | 113,230,636 |
| Value | $4,550,547 | $7,533,268 | $12,403,313 |
| Oleo stock: | | | |
| Pounds | 7,091,400 | 10,098,335 | |
| Value | $506,882 | $946,230 | |
| Stearin (oleo and other): | | | |
| Pounds | 27,427,123 | 30,982,111 | 38,542,996 |
| Value | $1,646,635 | $2,796,223 | $3,819,386 |
| Livestock byproduct feed materials (for sale as feed materials, not as complete feeds): | | | |
| Total tons | 115,726 | 107,121 | (2) |
| Total value | $4,590,827 | $3,958,933 | |
| Dry-rendered tankage materials— | | | |
| Tons | 81,454 | 79,535 | (2) |
| Value | $3,297,476 | $2,993,245 | |
| Wet-rendered tankage materials— | | | |
| Tons | 34,272 | 27,586 | |
| Value | $1,293,351 | $965,688 | |
| Livestock byproduct fertilizer materials: | | | |
| Tons | 34,474 | 35,399 | (5) |
| Value | $1,140,409 | $1,305,745 | |
| Hides, skins, and pelts (not including sheep and lamb slats or pickled sheep and lambskins), total value [6] | $94,521,853 | $123,319,328 | $109,022,894 |
| Cattle hides, cured— | | | |
| Number | 10,483,998 | 11,321,713 | 7,439,998 |
| Pounds | 537,330,769 | 569,652,006 | 399,682,332 |
| Value | $56,781,244 | $75,509,429 | $62,707,050 |
| Cattle hides, uncured— | | | |
| Number | 1,571,345 | 1,235,397 | 2,401,488 |
| Pounds | 77,948,830 | 59,619,472 | 133,518,512 |
| Value | $7,213,496 | $6,267,685 | $17,205,761 |
| Calfskins, cured— | | | |
| Number | 4,470,767 | 5,518,959 | 2,707,414 |
| Pounds | 58,635,301 | 69,551,605 | 35,638,823 |
| Value | $10,157,523 | $13,476,290 | $7,606,821 |
| Calfskins, uncured— | | | |
| Number | 906,173 | 881,012 | 1,282,882 |
| Pounds | 11,722,085 | 10,964,014 | 14,934,822 |
| Value | $1,729,861 | $1,812,663 | $2,682,650 |
| Sheep and lamb pelts, cured— | | | |
| Number | 11,178,616 | 12,027,197 | 7,522,670 |
| Value | $13,411,313 | $20,754,760 | $13,663,500 |
| Sheep and lamb pelts, uncured— | | | |
| Number | 4,021,686 | 2,904,475 | 2,935,456 |
| Value | $4,990,684 | $5,318,838 | $4,714,196 |
| Other hides and skins, cured and uncured— | | | |
| Number | 351,709 | 166,148 | 346,382 |
| Value | $237,732 | $179,663 | $442,916 |
| Pickled sheepskins and lambskins [6]: | | | |
| Number | 10,445,201 | 12,588,224 | 5,948,459 |
| Pounds | 25,035,084 | 31,126,811 | 13,156,992 |
| Value | $3,409,019 | $6,569,709 | $4,006,907 |
| Wool [7]: | | | |
| Pounds | 37,225,172 | 40,399,627 | 35,906,925 |
| Value | $16,736,956 | $23,395,595 | $19,874,410 |
| Hair, hog and other: | | | |
| Pounds | 24,733,169 | 25,427,888 | 25,946,634 |
| Value | $1,302,057 | $1,699,504 | $1,154,232 |

[1] For total production in all industries, see report on "Sausages, prepared meats, and other meat products—not made in meat-packing establishments," p. 66.
[2] No data.
[3] For total production in all industries, see report on "Sausage casings—not made in meat-packing establishments," p. 73.
[4] For total production in all industries, see report on "Prepared feeds (including mineral) for animals and fowls," p. 142.
[5] No comparable data.
[6] See footnotes 1, 4, and 5, table 6.
[7] Wool detached from sheep pelts in meat-packing establishments. Does not include data on wool pulled in tanneries and in the "Wool pulling" industry.

TABLE 5.—PRINCIPAL PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

| PRODUCT AND STATE | Quantity | Value |
|---|---|---|
| BEEF, FRESH | | |
| | *Pounds* | |
| United States | 5,462,233,287 | $762,724,839 |
| Alabama | 38,357,908 | 4,524,621 |
| Arizona | 31,497,784 | 4,041,417 |
| Arkansas | 3,438,268 | 421,434 |
| California | 473,750,102 | 63,421,233 |
| Colorado | 91,328,927 | 11,848,358 |
| Florida | 15,810,928 | 1,970,337 |
| Georgia | 38,647,029 | 4,895,575 |
| Idaho | 12,812,434 | 1,684,019 |
| Illinois | 837,618,999 | 123,802,132 |
| Indiana | 140,268,630 | 19,416,781 |
| Iowa | 480,508,388 | 69,467,162 |
| Kansas | 381,535,302 | 50,806,195 |
| Kentucky | 49,974,343 | 7,010,074 |
| Louisiana | 16,958,310 | 1,858,901 |
| Maine | 1,148,472 | 127,060 |
| Maryland | 54,936,863 | 8,633,882 |
| Massachusetts | 33,707,181 | 4,841,326 |
| Michigan | 114,659,572 | 16,416,882 |
| Minnesota | 452,477,126 | 57,980,759 |
| Mississippi | 2,817,094 | 319,172 |
| Missouri | 224,717,975 | 31,804,008 |
| Montana | 10,209,064 | 1,356,138 |
| Nebraska | 395,407,823 | 54,184,710 |
| Nevada | 4,547,554 | 593,976 |
| New Jersey | 97,476,066 | 16,113,881 |
| New York | 257,516,989 | 43,206,819 |
| North Carolina | 1,764,069 | 213,097 |
| North Dakota and South Dakota | 143,285,820 | 19,957,572 |
| Ohio | 236,646,572 | 35,600,720 |
| Oklahoma | 80,831,201 | 10,229,248 |
| Oregon | 37,794,326 | 4,773,223 |
| Pennsylvania | 140,497,600 | 20,838,310 |
| Rhode Island | 4,423,581 | 521,145 |
| South Carolina | 3,292,000 | 403,431 |
| Tennessee | 71,025,987 | 8,608,115 |
| Texas | 196,011,957 | 23,943,264 |
| Utah | 26,188,325 | 3,461,704 |
| Virginia | 12,546,208 | 1,627,520 |
| Washington | 75,515,566 | 9,871,998 |
| West Virginia | 5,525,660 | 725,610 |
| Wisconsin | 148,163,462 | 18,959,893 |
| Wyoming | 2,437,711 | 365,565 |
| Other States | 14,154,111 | 1,877,572 |
| VEAL, FRESH | | |
| United States | 672,503,374 | 97,342,968 |
| Alabama | 5,297,672 | 685,679 |
| Arizona | 2,806,246 | 386,723 |
| Arkansas and Oklahoma | 22,314,881 | 3,016,149 |
| California | 36,122,934 | 5,328,243 |
| Colorado | 5,958,915 | 896,564 |
| Florida | 2,297,050 | 279,648 |
| Georgia | 6,116,786 | 782,621 |
| Idaho | 1,410,834 | 198,223 |
| Illinois | 63,665,753 | 9,664,928 |
| Indiana | 16,020,832 | 2,348,905 |
| Iowa | 22,592,315 | 3,332,869 |
| Kansas | 42,075,298 | 5,483,417 |
| Kentucky | 6,336,807 | 988,181 |
| Maine | 251,889 | 29,490 |
| Maryland | 7,117,476 | 1,291,933 |
| Massachusetts | 5,880,212 | 635,893 |
| Michigan | 18,442,497 | 2,990,232 |
| Minnesota | 66,000,998 | 9,033,524 |
| Missouri | 27,761,117 | 4,107,775 |
| Montana | 938,704 | 138,771 |
| Nebraska | 11,495,088 | 1,543,977 |
| Nevada | 564,276 | 81,960 |
| New Jersey | 9,303,146 | 1,512,546 |
| New York | 74,738,395 | 12,269,626 |
| North Dakota and South Dakota | 8,478,602 | 1,131,887 |
| Ohio | 26,978,495 | 4,226,357 |
| Oregon | 2,279,372 | 299,262 |
| Pennsylvania | 18,487,737 | 3,016,541 |
| Rhode Island | 756,293 | 103,136 |
| South Carolina | 410,730 | 60,666 |
| Tennessee | 13,717,239 | 1,944,680 |
| Texas | 73,708,289 | 9,363,284 |
| Utah | 1,759,002 | 244,213 |
| Virginia | 2,162,458 | 323,618 |
| Washington | 3,893,065 | 534,253 |
| West Virginia | 600,915 | 92,414 |
| Wisconsin | 52,330,319 | 7,439,413 |
| Wyoming | 103,289 | 15,934 |
| Other States | 11,327,448 | 1,519,433 |

| PRODUCT AND STATE | Quantity | Value |
|---|---|---|
| MUTTON AND LAMB, FRESH | | |
| | *Pounds* | |
| United States | 780,423,440 | $126,313,454 |
| Alabama | 84,619 | 11,550 |
| California | 99,035,766 | 14,892,138 |
| Colorado | 16,355,527 | 2,391,410 |
| Idaho | 645,204 | 92,515 |
| Illinois | 120,532,643 | 19,958,225 |
| Indiana | 8,079,164 | 1,302,521 |
| Iowa | 72,525,893 | 11,629,018 |
| Kansas | 53,580,464 | 8,153,984 |
| Maryland | 3,392,980 | 641,894 |
| Michigan | 10,122,183 | 1,711,174 |
| Minnesota | 56,652,138 | 8,780,300 |
| Missouri and Oklahoma | 43,177,418 | 6,830,640 |
| Montana | 451,002 | 70,617 |
| Nebraska | 54,395,150 | 8,725,728 |
| Nevada | 571,248 | 96,004 |
| New Jersey | 20,814,853 | 3,869,112 |
| New York | 96,718,318 | 17,776,069 |
| North Dakota and South Dakota | 29,691,158 | 4,844,456 |
| Ohio | 17,962,126 | 2,995,018 |
| Oregon | 5,104,687 | 724,391 |
| Pennsylvania | 7,366,167 | 1,378,600 |
| Utah | 3,937,700 | 548,849 |
| Virginia | 309,632 | 51,727 |
| Washington | 10,483,963 | 1,510,167 |
| West Virginia | 106,669 | 16,166 |
| Wisconsin | 4,138,167 | 635,608 |
| Other States | 44,188,601 | 6,675,573 |
| PORK, FRESH | | |
| United States | 3,330,132,434 | 408,242,917 |
| Alabama | 14,353,659 | 1,625,371 |
| Arizona | 4,189,885 | 540,127 |
| Arkansas and Oklahoma | 23,413,914 | 2,739,871 |
| California | 136,046,185 | 16,955,680 |
| Colorado | 29,848,179 | 3,528,027 |
| Georgia | 35,294,177 | 4,189,422 |
| Idaho | 4,791,349 | 620,706 |
| Illinois | 496,500,889 | 58,695,032 |
| Indiana | 131,657,777 | 16,387,213 |
| Iowa | 536,930,619 | 61,835,870 |
| Kansas | 132,134,387 | 16,102,576 |
| Kentucky | 26,370,094 | 3,391,657 |
| Louisiana | 1,911,496 | 231,883 |
| Maryland | 39,689,163 | 5,491,252 |
| Michigan | 101,096,695 | 12,303,926 |
| Minnesota | 270,835,852 | 32,446,391 |
| Mississippi | 1,177,542 | 134,529 |
| Missouri | 173,262,541 | 22,371,349 |
| Montana | 5,682,996 | 780,105 |
| Nebraska | 100,310,933 | 12,108,687 |
| New Jersey | 129,700,156 | 16,321,346 |
| New York | 120,650,371 | 16,837,596 |
| North Carolina | 2,354,922 | 219,084 |
| North Dakota and South Dakota | 98,501,515 | 11,700,336 |
| Ohio | 181,693,114 | 23,311,983 |
| Oregon | 15,490,293 | 1,870,996 |
| Pennsylvania | 125,759,907 | 18,202,501 |
| South Carolina | 6,266,681 | 821,530 |
| Tennessee | 46,207,571 | 5,989,536 |
| Texas | 62,414,490 | 7,022,661 |
| Utah | 8,161,437 | 1,128,554 |
| Virginia | 25,284,625 | 3,146,725 |
| Washington | 28,217,412 | 3,505,071 |
| West Virginia | 2,601,382 | 409,445 |
| Wisconsin | 142,185,486 | 16,175,351 |
| Wyoming | 1,320,537 | 159,375 |
| Other States | 67,824,203 | 8,941,153 |
| EDIBLE ORGANS (LIVERS, HEARTS, BRAINS, TONGUES, TRIPE, ETC.) | | |
| United States | 678,616,064 | 61,641,345 |
| Alabama | 5,498,243 | 469,541 |
| Arkansas and Oklahoma | 8,987,310 | 853,278 |
| California | 35,795,386 | 3,286,788 |
| Colorado | 10,692,064 | 748,158 |
| Florida | 1,801,492 | 119,589 |
| Georgia | 5,788,395 | 417,826 |
| Idaho | 657,105 | 57,657 |
| Illinois | 106,194,542 | 10,666,595 |
| Indiana | 15,556,387 | 1,425,855 |
| Iowa | 60,715,893 | 4,646,223 |

| PRODUCT AND STATE | Quantity | Value |
|---|---|---|
| EDIBLE ORGANS—con. | | |
| | *Pounds* | |
| Kansas | 41,959,098 | $3,339,150 |
| Kentucky | 3,201,369 | 313,006 |
| Maryland | 7,569,762 | 726,895 |
| Michigan | 24,525,819 | 1,226,081 |
| Minnesota | 69,603,933 | 6,094,686 |
| Missouri | 24,942,697 | 2,178,408 |
| Montana | 252,610 | 19,887 |
| Nebraska | 43,085,271 | 3,489,939 |
| New Jersey | 15,154,495 | 1,512,374 |
| New York | 37,721,510 | 4,571,966 |
| North Dakota and South Dakota | 42,741,295 | 4,043,583 |
| Ohio | 30,478,849 | 3,094,297 |
| Oregon | 2,872,030 | 214,723 |
| Pennsylvania | 17,640,746 | 1,748,211 |
| Tennessee | 7,531,928 | 700,200 |
| Texas | 16,880,206 | 1,754,652 |
| Utah | 1,397,327 | 127,314 |
| Virginia | 2,026,821 | 167,658 |
| Washington | 3,611,652 | 323,698 |
| Wisconsin | 23,147,316 | 2,219,563 |
| Wyoming | 146,364 | 14,045 |
| Other States | 10,438,149 | 1,069,499 |
| OTHER FRESH MEAT | | |
| United States | 18,761,858 | 1,284,415 |
| California | 1,487,921 | 58,342 |
| Illinois, Kansas, and Missouri | 7,360,075 | 326,559 |
| Other States | 9,913,862 | 899,514 |
| BEEF, PICKLED AND OTHER CURED | | |
| United States | 68,408,697 | 15,021,856 |
| California | 5,570,197 | 1,221,049 |
| Colorado | 200,463 | 60,345 |
| Illinois | 20,095,417 | 4,415,267 |
| Indiana | 3,468,388 | 496,960 |
| Iowa | 816,717 | 238,468 |
| Kansas | 2,234,680 | 692,494 |
| Minnesota | 3,817,643 | 834,159 |
| Missouri | 739,451 | 182,135 |
| Nebraska | 2,224,586 | 576,047 |
| New York | 14,469,797 | 2,909,829 |
| Ohio | 611,713 | 158,245 |
| Oregon | 364,969 | 67,337 |
| Pennsylvania | 4,360,724 | 960,457 |
| Texas | 2,461,720 | 394,263 |
| Washington | 324,759 | 74,709 |
| Other States | 6,647,473 | 1,740,092 |
| PORK, PICKLED AND DRY-CURED, SMOKED | | |
| United States | 1,369,063,779 | 245,855,045 |
| Alabama | 2,781,159 | 432,353 |
| California | 57,467,792 | 11,643,834 |
| Colorado | 23,981,761 | 4,482,173 |
| Florida | 4,580,161 | 652,507 |
| Georgia | 10,153,922 | 1,618,832 |
| Idaho | 2,233,626 | 417,827 |
| Illinois | 218,714,110 | 39,276,823 |
| Indiana | 69,922,717 | 11,151,849 |
| Iowa | 146,785,645 | 25,472,134 |
| Kansas | 89,878,878 | 14,587,100 |
| Kentucky | 21,062,460 | 3,258,946 |
| Louisiana | 851,533 | 122,837 |
| Maryland | 26,971,103 | 5,439,343 |
| Massachusetts | 40,197,761 | 8,143,353 |
| Michigan | 29,299,255 | 4,853,407 |
| Minnesota | 81,345,255 | 15,583,835 |
| Missouri | 42,679,785 | 7,212,897 |
| Montana | 4,153,134 | 698,645 |
| Nebraska | 35,625,418 | 6,085,596 |
| New Jersey | 37,828,979 | 7,869,723 |
| New York | 58,246,847 | 11,672,157 |
| Ohio | 101,497,810 | 17,615,493 |
| Oklahoma | 25,259,545 | 4,339,756 |
| Oregon | 10,230,072 | 2,073,320 |
| Pennsylvania | 71,216,794 | 13,659,739 |
| Tennessee | 11,929,790 | 2,038,711 |
| Texas | 26,376,041 | 4,742,873 |
| Virginia | 8,990,930 | 1,574,454 |
| Washington | 14,407,084 | 2,734,831 |
| Wisconsin | 32,267,434 | 5,708,770 |
| Wyoming | 682,794 | 112,118 |
| Other States | 61,444,184 | 10,578,809 |

TABLE 5.—PRINCIPAL PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939—Continued

| PRODUCT AND STATE | Quantity | Value |
|---|---|---|
| PORK, PICKLED AND DRY-CURED, NOT SMOKED | | |
| | *Pounds* | |
| United States | 707,678,211 | $95,478,932 |
| California | 3,024,362 | 367,453 |
| Colorado | 2,551,552 | 342,209 |
| Georgia | 12,905,588 | 1,812,533 |
| Illinois | 178,127,440 | 24,212,333 |
| Indiana | 27,802,652 | 3,977,109 |
| Iowa | 121,361,007 | 16,206,009 |
| Kansas | 40,265,559 | 5,403,746 |
| Maryland | 2,429,286 | 354,871 |
| Minnesota | 71,600,723 | 9,783,709 |
| Missouri | 43,552,205 | 5,990,605 |
| Nebraska | 49,473,442 | 6,407,974 |
| New York | 16,188,429 | 2,066,991 |
| Ohio | 17,165,846 | 2,404,616 |
| Pennsylvania | 7,811,246 | 976,936 |
| Texas | 8,318,014 | 1,010,813 |
| Virginia | 677,900 | 82,111 |
| Washington | 3,660,241 | 477,973 |
| Wisconsin | 31,439,097 | 4,319,558 |
| Other States | 69,323,622 | 9,281,383 |
| PORK, DRY-SALTED, SMOKED | | |
| United States | 72,795,599 | 11,067,525 |
| Georgia | 1,089,033 | 118,259 |
| Illinois | 4,448,351 | 523,908 |
| Indiana | 1,550,559 | 195,707 |
| Iowa | 694,644 | 66,362 |
| Kansas | 3,397,972 | 520,937 |
| Kentucky | 1,028,527 | 87,806 |
| Missouri | 3,082,736 | 368,009 |
| Nebraska | 265,144 | 25,177 |
| New York | 1,666,908 | 279,317 |
| Ohio | 6,221,544 | 806,913 |
| Oklahoma | 1,810,870 | 234,937 |
| Oregon | 211,917 | 32,976 |
| Tennessee | 1,300,910 | 178,629 |
| Texas | 2,378,775 | 322,892 |
| Virginia | 5,841,473 | 1,117,401 |
| Other States | 37,806,236 | 6,188,295 |
| PORK, DRY-SALTED, NOT SMOKED | | |
| United States | 558,862,217 | 41,098,018 |
| Alabama | 1,983,824 | 154,549 |
| California | 1,301,196 | 144,201 |
| Colorado | 4,083,530 | 364,905 |
| Georgia | 14,807,183 | 1,144,491 |
| Idaho | 82,107 | 8,450 |
| Illinois | 144,811,095 | 10,593,724 |
| Iowa | 92,833,340 | 6,300,380 |
| Kansas | 39,020,515 | 2,688,363 |
| Kentucky | 681,924 | 53,648 |
| Maryland | 7,583,522 | 550,584 |
| Michigan | 5,513,602 | 439,518 |
| Minnesota | 54,917,162 | 4,185,538 |
| Missouri | 33,451,118 | 2,391,373 |
| Nebraska | 30,500,475 | 2,017,516 |
| New York | 3,187,021 | 363,098 |
| Ohio | 16,109,632 | 1,428,873 |
| Oklahoma | 2,334,048 | 181,197 |
| Pennsylvania | 6,486,541 | 555,774 |
| Tennessee | 7,962,151 | 646,090 |
| Texas | 9,382,148 | 784,285 |
| Washington | 1,413,860 | 170,769 |
| Wisconsin | 34,281,400 | 2,344,241 |
| Other States | 46,134,823 | 3,586,451 |
| COOKED HAM | | |
| United States | 142,054,941 | 42,563,827 |
| Alabama | 670,129 | 213,294 |
| California | 6,870,712 | 2,113,523 |
| Colorado | 1,754,239 | 516,642 |
| Idaho | 195,248 | 58,228 |
| Illinois | 22,878,424 | 6,614,943 |
| Indiana | 3,405,345 | 1,007,760 |
| Iowa | 7,398,650 | 2,234,633 |
| Kansas | 7,884,773 | 2,152,833 |
| Kentucky | 1,273,286 | 378,266 |
| Maryland | 3,294,808 | 1,140,749 |
| Michigan | 2,600,765 | 688,482 |
| Minnesota | 8,291,991 | 2,486,696 |
| Missouri | 5,666,840 | 1,607,115 |
| Nebraska | 2,084,135 | 596,768 |
| New Jersey | 6,614,992 | 2,177,996 |
| COOKED HAM—con. | | |
| | *Pounds* | |
| New York | 13,426,018 | $4,087,015 |
| North Dakota and South Dakota | 2,410,675 | 633,787 |
| Ohio | 8,775,488 | 2,502,652 |
| Oklahoma | 2,183,185 | 647,103 |
| Oregon | 441,074 | 148,552 |
| Pennsylvania | 10,119,686 | 3,413,656 |
| Tennessee | 1,439,433 | 448,778 |
| Texas | 3,930,796 | 1,064,173 |
| Virginia | 766,612 | 285,273 |
| Washington | 1,646,749 | 471,943 |
| Wisconsin | 7,739,079 | 2,295,184 |
| Other States | 8,291,869 | 2,577,783 |
| VACUUM-COOKED AND OTHER CANNED MEATS | | |
| United States | 330,769,439 | 63,348,362 |
| Illinois | 167,918,792 | 25,860,614 |
| Iowa | 58,238,394 | 12,532,690 |
| Kansas | 25,375,005 | 4,684,710 |
| New York | 1,481,013 | 442,032 |
| Pennsylvania | 373,695 | 92,984 |
| Virginia | 538,748 | 130,507 |
| Other States | 76,843,792 | 19,604,825 |
| CANNED SAUSAGE | | |
| United States | 27,114,071 | 5,367,578 |
| Illinois | 21,025,876 | 4,237,172 |
| Other States | 6,088,195 | 1,130,406 |
| DRY SAUSAGE | | |
| United States | 75,555,139 | 17,037,216 |
| California | 1,061,278 | 225,022 |
| Colorado | 543,737 | 121,809 |
| Kansas | 1,156,850 | 190,081 |
| Minnesota | 13,564,021 | 2,647,962 |
| Missouri | 275,626 | 50,562 |
| New Jersey | 581,235 | 135,536 |
| Ohio | 285,250 | 60,723 |
| Pennsylvania | 806,151 | 178,293 |
| Other States | 57,280,991 | 13,427,228 |
| FRESH SAUSAGE | | |
| United States | 960,073,921 | 149,115,980 |
| Alabama | 4,003,800 | 500,678 |
| Arkansas | 3,006,924 | 356,113 |
| California | 47,175,091 | 7,440,724 |
| Colorado | 11,411,533 | 1,650,938 |
| Florida | 3,151,308 | 395,201 |
| Georgia | 11,643,230 | 1,540,960 |
| Idaho | 2,711,213 | 394,519 |
| Illinois | 95,822,500 | 14,061,699 |
| Indiana | 40,450,799 | 5,529,149 |
| Iowa | 38,994,753 | 5,544,402 |
| Kansas | 35,334,497 | 4,470,465 |
| Kentucky | 16,886,373 | 2,426,561 |
| Louisiana | 2,330,618 | 284,748 |
| Maine | 1,921,995 | 291,920 |
| Maryland | 26,434,199 | 4,524,954 |
| Massachusetts | 32,636,810 | 5,515,534 |
| Michigan | 28,861,858 | 4,384,823 |
| Minnesota | 41,904,159 | 6,264,489 |
| Mississippi | 3,865,163 | 449,526 |
| Missouri | 32,874,319 | 4,656,684 |
| Montana | 4,120,730 | 640,452 |
| Nebraska | 18,123,668 | 2,340,641 |
| New Jersey | 36,535,116 | 7,449,651 |
| New York | 65,852,292 | 12,539,057 |
| North Carolina | 742,260 | 88,313 |
| Ohio | 93,165,732 | 14,622,681 |
| Oklahoma | 15,093,473 | 1,832,110 |
| Oregon | 6,467,613 | 943,454 |
| Pennsylvania | 102,416,047 | 18,520,463 |
| South Carolina | 6,230,628 | 808,534 |
| Tennessee | 19,908,596 | 2,642,442 |
| Texas | 32,563,753 | 4,180,750 |
| Virginia | 10,258,978 | 1,402,013 |
| Washington | 13,296,331 | 2,053,853 |
| Wisconsin | 20,655,643 | 3,351,714 |
| Other States | 33,221,919 | 5,015,765 |
| LARD | | |
| United States | 1,552,337,709 | 107,422,295 |
| Alabama | 4,717,268 | 439,902 |
| California | 33,504,391 | 2,250,250 |
| Colorado | 14,225,803 | 1,038,869 |
| Florida | 1,287,954 | 93,014 |
| Georgia | 13,699,786 | 955,445 |
| LARD—continued | | |
| | *Pounds* | |
| Idaho | 1,396,729 | $108,132 |
| Illinois | 291,081,433 | 20,365,717 |
| Indiana | 75,539,145 | 5,101,885 |
| Iowa | 260,780,034 | 15,590,950 |
| Kansas | 74,884,841 | 5,427,578 |
| Kentucky | 11,811,540 | 945,473 |
| Maryland | 14,992,202 | 1,155,996 |
| Michigan | 42,475,164 | 2,885,883 |
| Minnesota | 109,210,192 | 7,952,095 |
| Missouri | 65,559,024 | 4,353,542 |
| Montana | 2,419,558 | 191,641 |
| Nebraska | 53,643,536 | 3,630,221 |
| New Jersey | 53,758,278 | 3,894,619 |
| New York | 36,096,288 | 2,571,325 |
| North Carolina | 111,716 | 6,312 |
| Ohio | 99,121,079 | 7,018,463 |
| Oklahoma | 13,530,370 | 1,000,926 |
| Oregon | 4,540,598 | 343,519 |
| Pennsylvania | 66,244,773 | 4,791,019 |
| Tennessee | 17,104,201 | 1,395,941 |
| Texas | 21,341,608 | 1,557,600 |
| Virginia | 8,251,560 | 610,690 |
| Washington | 10,928,600 | 827,319 |
| Wisconsin | 58,080,332 | 4,355,865 |
| Wyoming | 421,021 | 28,602 |
| Other States | 91,578,685 | 6,533,502 |
| CATTLE HIDES, CURED | | |
| United States | 537,330,769 | 56,781,244 |
| Alabama | 3,718,045 | 421,658 |
| Arizona | 3,049,699 | 298,294 |
| California | 32,417,570 | 3,316,003 |
| Colorado | 10,003,799 | 959,895 |
| Florida | 1,595,830 | 143,829 |
| Georgia | 4,933,028 | 556,343 |
| Illinois | 86,429,378 | 9,566,198 |
| Indiana | 15,585,646 | 1,733,220 |
| Iowa | 45,386,210 | 4,824,702 |
| Kansas | 41,255,963 | 4,157,270 |
| Kentucky | 4,576,849 | 457,488 |
| Louisiana | 2,621,603 | 272,562 |
| Maryland | 5,891,794 | 621,051 |
| Massachusetts | 2,963,813 | 318,812 |
| Michigan | 8,696,161 | 845,031 |
| Minnesota | 46,137,831 | 5,142,012 |
| Missouri | 21,942,879 | 2,238,242 |
| Montana | 855,682 | 85,039 |
| Nebraska | 39,928,572 | 4,320,075 |
| New Jersey | 9,326,829 | 1,066,607 |
| New York | 25,547,251 | 2,711,151 |
| Ohio | 21,052,530 | 2,140,508 |
| Oklahoma | 10,963,956 | 1,037,071 |
| Oregon | 3,715,926 | 368,079 |
| Pennsylvania | 15,478,495 | 1,476,238 |
| Tennessee | 7,366,445 | 816,710 |
| Texas | 23,392,971 | 2,561,974 |
| Utah | 2,302,670 | 233,976 |
| Virginia | 1,484,929 | 163,681 |
| Washington | 6,050,592 | 514,807 |
| West Virginia | 441,730 | 44,364 |
| Wisconsin | 14,592,757 | 1,556,801 |
| Wyoming | 260,174 | 25,663 |
| Other States | 17,363,162 | 1,785,890 |
| CATTLE HIDES, UNCURED | | |
| United States | 77,948,830 | 7,213,496 |
| Arizona | 90,747 | 4,898 |
| California | 17,275,127 | 1,653,417 |
| Colorado | 111,888 | 7,193 |
| Georgia | 265,626 | 28,561 |
| Idaho | 683,040 | 53,947 |
| Illinois | 8,828,307 | 745,675 |
| Indiana | 1,157,846 | 107,203 |
| Kansas | 3,114,308 | 272,843 |
| Kentucky | 1,671,784 | 177,477 |
| Massachusetts | 466,955 | 37,277 |
| Michigan | 4,908,269 | 415,354 |
| Missouri | 4,165,195 | 393,821 |
| Montana | 337,564 | 30,081 |
| New Jersey | 336,288 | 26,651 |
| New York | 1,207,878 | 100,216 |
| North Carolina | 154,395 | 10,690 |
| Ohio | 7,084,116 | 640,007 |
| Oklahoma | 350,862 | 29,279 |
| Oregon | 885,787 | 74,597 |
| Pennsylvania | 2,194,587 | 199,336 |

TABLE 5.—PRINCIPAL PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939—Continued

| PRODUCT AND STATE | Quantity | Value |
|---|---|---|
| CATTLE HIDES, UNCURED—continued | *Pounds* | |
| Tennessee | 1,733,428 | $182,401 |
| Texas | 2,411,648 | 299,117 |
| Utah | 807,377 | 62,715 |
| Washington | 2,390,364 | 180,099 |
| Wisconsin | 2,949,289 | 251,758 |
| Other States | 12,366,155 | 1,228,883 |
| CALFSKINS, CURED | | |
| United States | 58,635,301 | 10,157,523 |
| Alabama | 722,152 | 115,626 |
| Arizona | 262,277 | 30,493 |
| California | 2,038,799 | 296,649 |
| Colorado | 546,925 | 76,019 |
| Illinois | 7,147,254 | 1,332,633 |
| Indiana | 1,193,899 | 233,603 |
| Iowa | 1,192,399 | 193,007 |
| Kansas | 4,150,450 | 601,365 |
| Kentucky | 520,726 | 89,459 |
| Maryland | 625,846 | 118,241 |
| Michigan | 421,266 | 71,830 |
| Minnesota | 5,289,413 | 982,330 |
| Montana | 85,988 | 7,670 |
| Nebraska | 1,140,806 | 181,259 |
| New Jersey | 355,316 | 61,084 |
| New York | 6,554,262 | 1,460,163 |
| Ohio | 2,648,224 | 469,238 |
| Oregon | 182,377 | 30,459 |
| Pennsylvania | 1,436,845 | 234,270 |
| Tennessee | 1,599,070 | 288,106 |

| PRODUCT AND STATE | Quantity | Value |
|---|---|---|
| CALFSKINS, CURED—continued | *Pounds* | |
| Texas | 7,879,268 | $1,175,094 |
| Utah | 37,817 | 7,248 |
| Virginia | 204,954 | 49,546 |
| Washington | 326,626 | 39,466 |
| West Virginia | 51,147 | 7,775 |
| Wisconsin | 1,966,998 | 365,135 |
| Wyoming | 5,919 | 664 |
| Other States | 10,048,278 | 1,639,091 |
| CALFSKINS, UNCURED | | |
| United States | 11,722,085 | 1,729,861 |
| California | 1,272,076 | 151,082 |
| Idaho | 83,169 | 9,377 |
| Illinois | 454,480 | 64,701 |
| Indiana | 176,588 | 27,071 |
| Iowa | 350,031 | 60,086 |
| Kansas | 106,561 | 11,875 |
| Kentucky | 150,001 | 24,552 |
| Maryland | 205,112 | 36,295 |
| Massachusetts | 147,140 | 21,184 |
| Michigan | 1,467,172 | 273,678 |
| Missouri | 305,415 | 31,951 |
| Montana | 25,344 | 2,990 |
| New York | 929,592 | 153,725 |
| Ohio | 1,164,635 | 178,065 |
| Oregon | 41,750 | 5,808 |
| Pennsylvania | 923,273 | 133,588 |
| Texas | 1,380,193 | 159,126 |
| Utah | 118,548 | 14,636 |
| Washington | 69,490 | 8,865 |
| Wisconsin | 195,060 | 26,180 |
| Other States | 2,156,455 | 335,026 |

| PRODUCT AND STATE | Quantity | Value |
|---|---|---|
| SHEEP AND LAMB PELTS, CURED | *Number* | |
| United States | 11,178,616 | $13,411,313 |
| California | 592,728 | 702,393 |
| Iowa | 1,101,505 | 1,486,725 |
| Kansas | 1,364,453 | 1,581,718 |
| Maryland | 71,003 | 76,973 |
| Michigan | 54,536 | 70,852 |
| Minnesota | 1,424,047 | 2,174,594 |
| Montana | 7,115 | 10,972 |
| Nebraska | 974,539 | 1,253,970 |
| New Jersey | 151,144 | 145,613 |
| Ohio | 447,912 | 523,130 |
| Oregon | 38,140 | 34,529 |
| Pennsylvania | 137,657 | 152,890 |
| Washington | 161,796 | 148,063 |
| Other States | 4,652,041 | 5,048,891 |
| SHEEP AND LAMB PELTS, UNCURED | | |
| United States | 4,021,686 | 4,990,684 |
| California | 1,283,920 | 1,315,640 |
| Idaho | 5,803 | 5,228 |
| Illinois | 457,563 | 604,331 |
| Michigan | 227,325 | 308,060 |
| Missouri | 7,863 | 7,398 |
| Montana | 4,322 | 4,757 |
| New York | 437,016 | 488,667 |
| Ohio | 59,200 | 52,952 |
| Oregon | 7,349 | 5,158 |
| Pennsylvania | 54,234 | 54,314 |
| Utah | 63,643 | 75,597 |
| Washington | 69,931 | 84,387 |
| Other States | 1,343,517 | 1,984,195 |

TABLE 6.—ANIMALS SLAUGHTERED FOR OWN ACCOUNT—NUMBER, WEIGHT (POUNDS), AND COST, BY KIND: 1939, 1937, AND 1929

[See "Statistics by kind, quantity, and cost on the hoof of animals slaughtered," p. 54. 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 meat-packing establishments do not represent the total slaughter. Moreover, the numbers slaughtered on a custom basis are not included in the totals given in this table. The net weights of a few of the calves and of the sheep and lambs include the weights of the skins and pelts. The differences between the numbers of animals slaughtered as given in this table and the numbers of cattle hides, calfskins, and sheep and lambskins and pelts given in table 4 are explained in footnotes 1, 4, and 5]

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| CATTLE | | | |
| Number [1] | 11,855,339 | 12,378,605 | 9,547,636 |
| Weight on hoof | 10,935,770,073 | 10,939,026,199 | 9,021,803,216 |
| Weight dressed [2] | 5,820,614,969 | 5,677,828,377 | 4,849,424,442 |
| Average weight on hoof | 922 | 884 | 945 |
| Average weight dressed | 491 | 459 | 508 |
| Cost on hoof | $801,146,029 | $779,324,016 | (3) |
| CALVES | | | |
| Number [4] | 6,445,859 | 7,588,303 | 5,208,732 |
| Weight on hoof | 1,202,045,439 | 1,427,562,465 | 913,788,355 |
| Weight dressed [2] | 726,029,000 | 862,994,465 | 540,487,419 |
| Average weight on hoof | 186 | 188 | 175 |
| Average weight dressed | 113 | 114 | 104 |
| Cost on hoof | $99,755,611 | $109,878,322 | (3) |
| SHEEP AND LAMBS | | | |
| Number [5] | 19,639,449 | 19,724,761 | 15,688,943 |
| Weight on hoof | 1,670,636,461 | 1,674,629,686 | 1,293,842,966 |
| Weight dressed [2] | 790,492,351 | 788,721,874 | 611,229,015 |
| Average weight on hoof | 85 | 85 | 82 |
| Average weight dressed | 40 | 40 | 39 |
| Cost on hoof | $140,176,406 | $155,911,130 | (3) |
| HOGS | | | |
| Number | 46,515,414 | 37,119,857 | 53,702,372 |
| Weight on hoof | 10,692,706,316 | 8,110,369,936 | 12,309,351,570 |
| Weight dressed [2] | 7,825,368,546 | 5,874,334,499 | 9,154,007,960 |
| Average weight on hoof | 230 | 218 | 229 |
| Average weight dressed | 168 | 158 | 170 |
| Cost on hoof | $726,484,388 | $819,570,255 | (3) |
| OTHER ANIMALS | | | |
| Number | 126,582 | 34,608 | 101,673 |
| Weight on hoof | 20,731,608 | 13,855,235 | 61,240,671 |
| Weight dressed [2] | 11,471,456 | 7,012,709 | 31,245,999 |
| Cost on hoof | $647,131 | $326,320 | (3) |

[1] The numbers of cattle slaughtered, as shown in this table, differ from the numbers of cattle hides given in table 4 because of the fact that some establishments purchase or receive as "interplant transfers," uncured hides from other establishments and cure them.

[2] Not including weight of edible organs.

[3] No data.

[4] The numbers of calves slaughtered, as given in this table, differ from the numbers of calfskins reported in table 4 because of the fact that in some instances skins are sold with the carcasses when they are intended for shipment.

[5] The numbers of sheep and lambs slaughtered, as given in this table, differ from the sums of the numbers of sheep and lamb pelts and pickled sheep and lambskins given in table 4 because of the fact that some establishments purchase or receive as "interplant transfers," uncured pelts from other establishments and pickle them.

TABLE 7.—ANIMALS SLAUGHTERED FOR OWN ACCOUNT—NUMBER, WEIGHT, AND COST, BY KIND, BY STATES: 1939

[See "Statistics by kind, quantity, and cost on the hoof of animals slaughtered," p. 54]

| KIND AND STATE | Number | Weight on hoof | Weight dressed [1] | Cost on hoof |
|---|---|---|---|---|
| CATTLE | | *Pounds* | *Pounds* | |
| United States | 11,855,339 | 10,935,770,073 | 5,820,614,969 | $801,146,029 |
| Alabama | 136,230 | 82,130,344 | 40,479,403 | 4,871,076 |
| Arizona | 70,468 | 60,142,710 | 32,939,665 | 3,997,270 |
| Arkansas | 13,801 | 9,272,332 | 4,724,792 | 514,258 |
| California | 935,510 | 914,348,336 | 489,691,538 | 65,413,225 |
| Colorado | 204,359 | 178,627,395 | 97,010,130 | 11,996,617 |
| Florida | 56,207 | 33,862,371 | 17,263,136 | 1,948,819 |
| Georgia | 152,052 | 93,225,614 | 44,330,417 | 5,284,476 |
| Idaho | 27,975 | 26,684,936 | 13,706,957 | 1,565,110 |
| Illinois | 1,714,900 | 1,618,832,201 | 876,884,235 | 127,473,461 |
| Indiana | 340,063 | 289,999,562 | 152,696,807 | 21,168,053 |
| Iowa | 903,143 | 903,113,640 | 496,690,905 | 71,615,663 |
| Kansas | 805,097 | 740,794,200 | 400,464,148 | 54,956,577 |
| Kentucky | 145,413 | 113,505,497 | 57,650,261 | 7,698,460 |
| Louisiana | 50,692 | 35,323,407 | 17,248,184 | 1,901,033 |
| Maine | 2,940 | 2,835,630 | 1,514,596 | 141,315 |
| Maryland | 113,937 | 114,214,579 | 60,185,863 | 8,683,585 |
| Massachusetts | 78,910 | 77,163,934 | 40,625,591 | 5,905,650 |
| Michigan | 275,037 | 244,737,728 | 127,033,096 | 18,022,356 |
| Minnesota | 966,094 | 943,221,415 | 485,799,097 | 63,166,476 |
| Mississippi | 16,206 | 9,118,350 | 4,609,200 | 463,245 |
| Missouri | 527,606 | 432,750,313 | 236,163,774 | 33,349,571 |
| Montana | 23,330 | 22,771,513 | 11,853,225 | 1,408,840 |
| Nebraska | 758,263 | 740,346,099 | 407,636,359 | 57,799,124 |
| Nevada | 8,734 | 8,854,161 | 4,547,554 | 614,631 |
| New Jersey | 148,088 | 169,720,086 | 96,881,076 | 16,341,833 |
| New York | 442,623 | 478,946,846 | 264,110,675 | 43,684,604 |
| Ohio | 532,471 | 479,731,362 | 262,305,196 | 36,979,335 |
| Oklahoma | 215,842 | 180,730,693 | 91,340,053 | 10,912,629 |
| Oregon | 85,588 | 80,857,778 | 41,754,718 | 5,184,813 |
| Pennsylvania | 307,534 | 305,929,736 | 158,591,332 | 22,491,233 |
| South Carolina | 13,864 | 7,716,328 | 3,708,085 | 530,539 |
| South Dakota | 190,574 | 186,434,395 | 99,639,744 | 13,705,252 |
| Tennessee | 217,103 | 163,483,878 | 78,177,697 | 8,704,260 |
| Texas | 573,317 | 436,192,895 | 219,160,078 | 25,949,204 |
| Utah | 60,536 | 52,830,124 | 26,922,342 | 3,360,495 |
| Virginia | 39,128 | 32,766,721 | 16,550,443 | 2,099,515 |
| Washington | 166,563 | 158,158,541 | 83,353,955 | 10,225,131 |
| West Virginia | 18,724 | 16,291,585 | 8,192,511 | 912,485 |
| Wisconsin | 342,258 | 333,013,770 | 167,370,315 | 20,210,450 |
| Wyoming | 5,501 | 4,932,714 | 2,620,213 | 314,332 |
| Other States | 168,658 | 152,156,354 | 78,187,603 | 9,581,028 |
| CALVES | | | | |
| United States | 6,445,859 | 1,202,045,439 | 726,029,000 | 99,755,611 |
| Alabama | 49,414 | 10,899,647 | 6,279,566 | 723,352 |
| Arizona | 16,853 | 4,488,158 | 2,588,649 | 326,313 |
| Arkansas | 1,580 | 315,700 | 181,345 | 19,786 |
| California | 286,207 | 59,923,014 | 37,416,105 | 4,976,679 |
| Colorado | 36,886 | 10,749,643 | 6,544,573 | 840,797 |

See footnote at end of table.

TABLE 7.—ANIMALS SLAUGHTERED FOR OWN ACCOUNT—NUMBER, WEIGHT, AND COST, BY KIND, BY STATES: 1939—Continued

| KIND AND STATE | Number | Weight on hoof | Weight dressed [1] | Cost on hoof |
|---|---|---|---|---|
| CALVES—continued | | *Pounds* | *Pounds* | |
| Florida | 23,465 | 4,461,812 | 2,457,772 | $286,489 |
| Georgia | 67,571 | 15,541,018 | 8,657,801 | 933,600 |
| Idaho | 12,025 | 2,632,838 | 1,517,460 | 223,942 |
| Illinois | 595,513 | 101,716,980 | 62,001,725 | 8,844,371 |
| Indiana | 155,668 | 28,022,588 | 16,827,031 | 2,482,888 |
| Iowa | 229,104 | 37,161,758 | 23,698,439 | 3,226,974 |
| Kansas | 344,898 | 80,603,673 | 46,996,037 | 6,216,554 |
| Kentucky | 61,828 | 11,329,734 | 6,507,507 | 1,012,600 |
| Maine | 2,982 | 388,470 | 251,489 | 28,507 |
| Maryland | 80,921 | 11,848,599 | 6,589,286 | 1,169,683 |
| Massachusetts | 103,207 | 9,710,025 | 6,033,304 | 789,682 |
| Michigan | 181,964 | 28,697,478 | 18,930,044 | 2,922,679 |
| Minnesota | 738,615 | 112,646,418 | 73,573,015 | 9,790,367 |
| Missouri | 291,569 | 52,339,557 | 32,292,837 | 4,178,998 |
| Montana | 5,693 | 1,491,105 | 882,618 | 110,807 |
| Nebraska | 76,689 | 22,084,470 | 12,578,187 | 1,644,032 |
| Nevada | 3,838 | 910,106 | 564,276 | 66,917 |
| New Jersey | 104,641 | 16,462,396 | 10,037,077 | 1,656,323 |
| New York | 717,284 | 130,735,439 | 77,460,339 | 13,148,327 |
| Ohio | 288,979 | 44,672,300 | 26,345,475 | 4,212,195 |
| Oregon | 19,767 | 3,944,544 | 2,416,078 | 274,755 |
| Pennsylvania | 222,331 | 32,742,384 | 18,691,149 | 3,099,206 |
| Rhode Island | 11,174 | 1,361,875 | 783,138 | 89,161 |
| South Carolina | 4,724 | 805,215 | 410,692 | 43,178 |
| Tennessee | 161,439 | 24,635,869 | 14,373,170 | 1,993,104 |
| Texas | 451,920 | 152,933,841 | 86,612,768 | 9,777,765 |
| Utah | 12,933 | 2,607,086 | 1,502,409 | 195,555 |
| Virginia | 26,181 | 3,986,694 | 2,329,123 | 344,752 |
| Washington | 34,758 | 7,002,181 | 4,248,791 | 542,121 |
| West Virginia | 8,296 | 1,187,293 | 712,591 | 99,732 |
| Wisconsin | 671,909 | 82,415,819 | 54,771,502 | 7,274,337 |
| Wyoming | 728 | 233,223 | 134,894 | 19,467 |
| Other States | 342,305 | 88,356,489 | 51,830,738 | 6,169,616 |
| SHEEP AND LAMBS | | | | |
| United States | 19,639,449 | 1,670,636,461 | 790,492,351 | 140,176,406 |
| Alabama | 2,581 | 198,020 | 97,956 | 13,023 |
| California | 2,366,608 | 205,981,532 | 100,564,829 | 15,875,454 |
| Colorado | 393,103 | 34,800,024 | 16,805,058 | 2,779,172 |
| Idaho | 14,635 | 1,373,212 | 658,898 | 97,722 |
| Illinois | 2,995,521 | 259,439,532 | 123,369,938 | 22,202,947 |
| Indiana | 205,922 | 17,586,286 | 8,250,674 | 1,486,411 |
| Iowa | 1,768,148 | 154,384,548 | 73,114,153 | 13,334,623 |
| Kansas | 1,429,726 | 116,918,869 | 53,974,915 | 9,593,844 |
| Maryland | 92,958 | 6,828,859 | 3,262,466 | 597,615 |
| Michigan | 279,765 | 22,576,204 | 10,401,318 | 1,899,279 |
| Minnesota | 1,427,860 | 123,198,042 | 57,272,448 | 9,991,642 |
| Missouri | 968,889 | 83,451,318 | 40,835,358 | 6,936,122 |
| Montana | 9,966 | 917,721 | 442,859 | 58,141 |
| Nebraska | 1,293,277 | 110,629,780 | 54,728,209 | 9,282,277 |
| Nevada | 14,330 | 1,234,621 | 571,548 | 94,912 |
| New Jersey | 525,771 | 45,623,339 | 20,875,170 | 4,321,110 |
| New York | 2,544,590 | 211,660,377 | 96,871,173 | 20,352,077 |
| Ohio | 495,061 | 37,685,271 | 17,699,803 | 3,087,125 |
| Oregon | 125,642 | 11,231,393 | 5,272,646 | 775,578 |
| Pennsylvania | 194,988 | 15,148,585 | 7,129,135 | 1,339,044 |
| Utah | 92,573 | 8,623,344 | 3,939,363 | 607,152 |
| Virginia | 9,741 | 757,023 | 381,678 | 57,419 |
| Washington | 244,179 | 21,806,434 | 10,585,587 | 1,447,184 |
| West Virginia | 2,794 | 218,705 | 101,746 | 13,946 |
| Wisconsin | 107,170 | 9,178,232 | 4,358,348 | 710,248 |
| Wyoming | 1,744 | 137,850 | 67,565 | 9,760 |
| Other States | 2,031,907 | 169,047,340 | 78,859,510 | 13,212,579 |
| HOGS | | | | |
| United States | 46,515,414 | 10,692,706,316 | 7,825,368,546 | 726,484,388 |
| Alabama | 221,405 | 43,774,296 | 30,552,662 | 2,705,526 |
| California | 1,739,573 | 346,233,838 | 252,470,701 | 26,778,429 |
| Colorado | 367,506 | 87,365,059 | 62,366,346 | 5,801,699 |
| Florida | 144,327 | 23,147,674 | 16,959,637 | 1,306,073 |
| Georgia | 787,810 | 143,175,049 | 101,816,604 | 9,045,877 |
| Idaho | 69,923 | 14,997,957 | 10,633,181 | 887,207 |

TABLE 7.—ANIMALS SLAUGHTERED FOR OWN ACCOUNT—NUMBER, WEIGHT, AND COST, BY KIND, BY STATES: 1939—Continued

| KIND AND STATE | Number | Weight on hoof | Weight dressed [1] | Cost on hoof |
|---|---|---|---|---|
| HOGS—continued | | *Pounds* | *Pounds* | |
| Illinois | 6,413,897 | 1,593,235,002 | 1,176,168,100 | $107,716,011 |
| Indiana | 2,054,832 | 479,025,147 | 348,806,285 | 31,748,779 |
| Iowa | 6,751,715 | 1,711,227,917 | 1,245,038,134 | 111,637,957 |
| Kansas | 2,378,622 | 556,139,779 | 399,824,473 | 37,236,421 |
| Kentucky | 418,931 | 84,126,864 | 61,700,708 | 5,789,234 |
| Louisiana | 21,483 | 3,642,092 | 2,635,571 | 205,824 |
| Maryland | 691,267 | 125,346,059 | 91,312,380 | 9,028,051 |
| Michigan | 1,157,809 | 270,749,934 | 201,807,957 | 18,921,628 |
| Minnesota | 3,790,438 | 931,601,978 | 695,845,956 | 61,364,868 |
| Mississippi | 20,426 | 3,723,719 | 2,725,443 | 228,016 |
| Missouri | 2,381,982 | 532,334,646 | 393,604,989 | 36,841,036 |
| Montana | 100,282 | 21,470,330 | 15,564,258 | 1,428,278 |
| Nebraska | 1,543,637 | 403,021,719 | 298,821,929 | 26,152,973 |
| New Jersey | 995,560 | 183,474,885 | 132,156,175 | 14,257,240 |
| New York | 1,372,526 | 260,680,731 | 193,772,312 | 19,196,544 |
| North Carolina | 76,806 | 14,865,971 | 10,198,953 | 949,233 |
| Ohio | 2,990,369 | 662,052,191 | 489,050,522 | 45,538,662 |
| Oklahoma | 580,128 | 108,817,432 | 74,998,097 | 7,016,111 |
| Oregon | 207,613 | 43,871,643 | 32,222,485 | 3,097,083 |
| Pennsylvania | 2,246,886 | 460,011,379 | 340,669,037 | 33,978,715 |
| South Carolina | 92,327 | 17,395,363 | 12,281,222 | 1,195,596 |
| South Dakota | 1,256,543 | 319,343,683 | 223,113,930 | 20,919,235 |
| Tennessee | 631,899 | 126,403,146 | 80,811,481 | 8,646,374 |
| Texas | 834,283 | 172,756,414 | 128,683,370 | 11,246,567 |
| Virginia | 384,454 | 73,476,443 | 52,965,441 | 5,010,018 |
| Washington | 447,093 | 92,166,234 | 64,620,501 | 6,688,437 |
| West Virginia | 39,854 | 9,022,324 | 6,055,236 | 584,782 |
| Wisconsin | 1,920,614 | 449,189,986 | 338,956,609 | 30,262,347 |
| Wyoming | 15,503 | 3,578,925 | 2,492,614 | 219,426 |
| Other States | 1,367,091 | 321,260,507 | 233,665,247 | 22,854,131 |

[1] Not including weight of edible organs.

TABLE 8.—NUMBER OF ANIMALS SLAUGHTERED FOR OTHERS ON A CUSTOM OR CONTRACT BASIS, BY KIND, FOR THE UNITED STATES: 1939, 1937, AND 1929

[The figures in the table cover "Meat packing, wholesale" and the "Custom slaughtering, wholesale"]

| | 1939 | | | 1937 | 1929 |
|---|---|---|---|---|---|
| | Total | Reported by— Meat Packing, Wholesale industry | Reported by— Custom Slaughtering, Wholesale industry | | |
| Cattle | 516,918 | 284,990 | 231,928 | 472,600 | 535,607 |
| Calves | 671,503 | 344,780 | 326,723 | 586,170 | 360,243 |
| Sheep and lambs | 385,189 | 207,849 | 177,340 | 375,203 | 330,325 |
| Hogs | 1,576,768 | 1,271,321 | 305,447 | 1,414,823 | 1,309,139 |
| Other | 745 | 545 | 200 | 18,721 | 5,670 |

TABLE 9.—MEAT PURCHASED OR TRANSFERRED, BY KIND, QUANTITY, AND COST: 1939 AND 1937

[No comparable data for 1929]

| | 1939 | | 1937 | |
|---|---|---|---|---|
| | Pounds | Cost | Pounds | Cost |
| Total | 1,650,433,509 | $191,643,638 | 1,515,940,134 | $215,394,130 |
| Beef | 413,998,511 | 46,337,791 | 460,697,023 | 49,299,741 |
| Veal | 42,136,714 | 5,553,470 | 37,821,127 | 4,632,199 |
| Mutton and lamb | 15,130,188 | 2,320,079 | 16,259,082 | 2,692,517 |
| Pork (fresh and cured) | 1,179,168,096 | 137,432,298 | 1,001,162,902 | 158,769,673 |

TABLE 10.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 119,853 | 120,950 | 114,726 | 112,856 | 112,423 | 116,182 | 118,539 | 120,532 | 119,932 | 121,883 | 123,572 | 127,401 | 129,235 |
| 1937 | 126,917 | 132,620 | 127,342 | 125,769 | 124,059 | 124,810 | 125,101 | 125,390 | 121,927 | 123,141 | 126,397 | 132,622 | 133,828 |
| Alabama | 620 | 647 | 596 | 579 | 559 | 571 | 605 | 618 | 609 | 646 | 653 | 675 | 688 |
| Arizona | 312 | 304 | 307 | 314 | 311 | 308 | 306 | 311 | 309 | 311 | 313 | 329 | 324 |
| Arkansas | 105 | 100 | 100 | 101 | 100 | 103 | 108 | 104 | 105 | 108 | 111 | 112 | 112 |
| California | 4,690 | 4,731 | 4,611 | 4,598 | 4,590 | 4,644 | 4,726 | 4,831 | 4,350 | 4,543 | 4,836 | 4,878 | 4,943 |
| Colorado | 1,477 | 1,477 | 1,451 | 1,437 | 1,431 | 1,451 | 1,438 | 1,477 | 1,526 | 1,524 | 1,501 | 1,494 | 1,512 |
| Connecticut | 264 | 272 | 261 | 259 | 256 | 259 | 261 | 265 | 258 | 274 | 259 | 273 | 276 |
| Delaware | 259 | 249 | 248 | 257 | 252 | 248 | 252 | 254 | 250 | 271 | 271 | 275 | 277 |
| Florida | 313 | 284 | 297 | 298 | 292 | 281 | 280 | 289 | 300 | 313 | 353 | 372 | 400 |
| Georgia | 1,643 | 1,972 | 1,806 | 1,721 | 1,527 | 1,404 | 1,351 | 1,382 | 1,402 | 1,522 | 1,622 | 1,936 | 2,066 |
| Idaho | 160 | 134 | 131 | 157 | 158 | 163 | 164 | 170 | 170 | 167 | 169 | 168 | 170 |
| Illinois | 23,492 | 23,668 | 22,610 | 22,193 | 22,042 | 22,627 | 23,177 | 23,415 | 23,590 | 23,977 | 24,306 | 25,155 | 25,146 |
| Indiana | 4,315 | 4,053 | 4,036 | 3,912 | 4,068 | 4,233 | 4,435 | 4,497 | 4,495 | 4,495 | 4,502 | 4,465 | 4,585 |
| Iowa | 11,027 | 11,497 | 10,456 | 10,140 | 9,927 | 10,605 | 10,995 | 11,224 | 11,145 | 10,782 | 10,914 | 11,810 | 12,825 |
| Kansas | 7,384 | 7,075 | 6,619 | 6,457 | 6,640 | 6,923 | 7,309 | 7,381 | 7,568 | 7,924 | 7,810 | 8,369 | 8,531 |
| Kentucky | 1,078 | 1,014 | 1,013 | 1,025 | 1,022 | 1,052 | 1,084 | 1,110 | 1,089 | 1,103 | 1,129 | 1,166 | 1,124 |
| Louisiana | 207 | 196 | 193 | 197 | 186 | 195 | 195 | 196 | 209 | 206 | 193 | 294 | 223 |
| Maine | 115 | 111 | 113 | 116 | 116 | 113 | 118 | 118 | 120 | 120 | 119 | 109 | 109 |
| Maryland | 1,931 | 1,995 | 2,039 | 1,823 | 1,849 | 1,912 | 1,914 | 1,930 | 1,933 | 1,959 | 1,963 | 1,915 | 1,942 |
| Massachusetts | 2,082 | 2,141 | 2,024 | 2,057 | 1,942 | 2,035 | 2,057 | 2,058 | 2,058 | 2,071 | 2,024 | 2,207 | 2,306 |
| Michigan | 2,215 | 2,221 | 2,221 | 2,144 | 2,130 | 2,171 | 2,206 | 2,189 | 2,205 | 2,211 | 2,228 | 2,335 | 2,323 |
| Minnesota | 8,801 | 9,038 | 8,562 | 8,249 | 8,068 | 8,365 | 8,417 | 8,923 | 8,691 | 8,743 | 9,191 | 9,656 | 9,711 |
| Mississippi | 131 | 120 | 116 | 116 | 118 | 124 | 130 | 130 | 130 | 149 | 151 | 146 | 140 |
| Missouri | 4,538 | 4,711 | 4,208 | 4,346 | 4,253 | 4,381 | 4,441 | 4,478 | 4,462 | 4,618 | 4,693 | 4,849 | 5,022 |
| Montana | 257 | 209 | 209 | 231 | 214 | 263 | 279 | 283 | 281 | 286 | 283 | 272 | 279 |
| Nebraska | 4,734 | 5,074 | 4,515 | 4,378 | 4,262 | 4,572 | 4,783 | 4,868 | 4,853 | 4,740 | 4,611 | 4,849 | 5,299 |
| Nevada | 93 | 93 | 82 | 97 | 90 | 93 | 83 | 100 | 105 | 94 | 82 | 95 | 103 |
| New Jersey | 3,070 | 3,074 | 3,003 | 2,910 | 3,020 | 3,131 | 3,061 | 3,112 | 3,085 | 3,123 | 3,155 | 3,087 | 3,085 |
| New York | 5,755 | 6,279 | 5,340 | 5,319 | 5,593 | 5,736 | 5,715 | 5,864 | 5,844 | 5,893 | 5,822 | 5,821 | 5,834 |
| North Carolina | 211 | 196 | 194 | 200 | 206 | 205 | 202 | 214 | 219 | 233 | 220 | 233 | 211 |
| North Dakota | 413 | 409 | 384 | 386 | 351 | 373 | 398 | 415 | 334 | 417 | 479 | 494 | 511 |
| Ohio | 6,071 | 5,979 | 5,886 | 5,874 | 5,877 | 5,956 | 6,052 | 6,053 | 6,061 | 6,175 | 6,226 | 6,335 | 6,378 |
| Oklahoma | 2,037 | 1,927 | 1,946 | 1,965 | 1,933 | 1,961 | 1,996 | 2,051 | 2,105 | 2,171 | 2,170 | 2,198 | 2,025 |
| Oregon | 644 | 646 | 615 | 605 | 629 | 655 | 645 | 654 | 661 | 662 | 629 | 665 | 668 |
| Pennsylvania | 5,077 | 4,910 | 4,933 | 4,977 | 4,913 | 4,951 | 5,011 | 5,057 | 5,102 | 5,266 | 5,283 | 5,261 | 5,258 |
| Rhode Island | 36 | 36 | 36 | 40 | 36 | 35 | 34 | 38 | 35 | 36 | 36 | 35 | 38 |
| South Carolina | 321 | 261 | 269 | 282 | 293 | 309 | 320 | 337 | 352 | 386 | 367 | 359 | 319 |
| South Dakota | 2,121 | 2,163 | 2,018 | 1,927 | 1,885 | 1,965 | 2,162 | 2,261 | 2,171 | 2,339 | 2,351 | 2,109 | 2,105 |
| Tennessee | 1,524 | 1,486 | 1,472 | 1,504 | 1,475 | 1,475 | 1,494 | 1,512 | 1,509 | 1,541 | 1,640 | 1,601 | 1,579 |
| Texas | 3,944 | 3,854 | 3,733 | 3,694 | 3,757 | 4,176 | 3,947 | 3,882 | 3,766 | 3,982 | 4,192 | 4,322 | 4,025 |
| Utah | 244 | 224 | 219 | 218 | 221 | 233 | 267 | 257 | 258 | 271 | 267 | 248 | 240 |
| Virginia | 952 | 962 | 989 | 966 | 964 | 972 | 919 | 895 | 882 | 910 | 976 | 1,015 | 974 |
| Washington | 1,245 | 1,245 | 1,168 | 1,177 | 1,184 | 1,217 | 1,258 | 1,282 | 1,353 | 1,278 | 1,296 | 1,246 | 1,238 |
| West Virginia | 289 | 281 | 276 | 286 | 291 | 279 | 290 | 287 | 295 | 297 | 294 | 299 | 289 |
| Wisconsin | 3,456 | 3,438 | 3,227 | 3,128 | 3,198 | 3,260 | 3,461 | 3,557 | 3,481 | 3,541 | 3,687 | 3,670 | 3,829 |
| Wyoming | 33 | 32 | 33 | 35 | 33 | 33 | 34 | 34 | 34 | 32 | 33 | 33 | 33 |

TABLE 11.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 1,478 |
| Reporting expenditures for plant and equipment | 967 |
| Value of products: | |
| Total for the industry | $2,648,325,552 |
| Reporting expenditures for plant and equipment | 2,431,616,849 |
| Expenditures for plant and equipment: | |
| Total for the industry | 18,303,762 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 8,424,506 |
| Expenditures for new machinery and operating equipment | 8,953,066 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 484,475 |
| Expenditures unclassified | 441,715 |

TABLE 12.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $157,285,525 | $204,968,577 |
| Finished products | 126,126,376 | 177,433,372 |
| Materials, supplies, etc | 31,159,149 | 27,535,205 |
| End of year, total | 158,439,279 | 184,312,018 |
| Finished products | 125,619,685 | 155,796,102 |
| Materials, supplies, etc | 32,819,594 | 28,515,916 |
| Value of products for the industry, total | 2,648,325,552 | 2,785,547,750 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 2,606,676,852 | 2,632,316,227 |
| Value for establishments not reporting inventories | 41,648,700 | 153,231,523 |

TABLE 13.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 [1] |
|---|---|---|
| Number of establishments | 1,478 | 1,277 |
| Number of establishments reporting power equipment | 1,470 | 1,109 |
| Prime movers, aggregate: | | |
| Number | 1,188 | 1,362 |
| Horsepower | 234,133 | 235,980 |
| Prime movers, driving generators, total— | | |
| Number | 264 | [2] 1,362 |
| Horsepower | 107,414 | [2] 235,980 |
| Steam engines— | | |
| Number | 179 | [2] 1,116 |
| Horsepower | 48,242 | [2] 195,926 |
| Steam turbines— | | |
| Number | 41 | [2] 192 |
| Horsepower | 53,524 | [2] 37,907 |
| Diesel and semi-Diesel engines— | | |
| Number | 34 | [2] 48 |
| Horsepower | 4,687 | [2] 1,577 |
| Other internal-combustion engines [3]— | | |
| Number | 8 | |
| Horsepower | 717 | |
| Hydroturbines and water wheels— | | |
| Number | 2 | [2] 6 |
| Horsepower | 244 | [2] 570 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 18,232 | (4) |
| Prime movers not driving generators, total— | | |
| Number | 924 | |
| Horsepower | 126,719 | |
| Steam engines— | | |
| Number | 663 | |
| Horsepower | 110,207 | |
| Steam turbines— | | |
| Number | 202 | |
| Horsepower | 13,753 | |
| Diesel and semi-Diesel engines— | | |
| Number | 17 | |
| Horsepower | 781 | |

TABLE 13.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929—Continued

| | 1939 | 1929 [1] |
|---|---|---|
| Prime movers—Continued. | | |
| Prime movers not driving generators—Continued. | | |
| Other internal-combustion engines [3]— | | |
| Number | 41 | (4) |
| Horsepower | 1,956 | |
| Hydroturbines and water wheels— | | |
| Number | 1 | |
| Horsepower | 22 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 4,755 | |
| Generators, kilowatt rating, total | 72,256 | 57,894 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 32,136 | (4) |
| Steam turbines, kilowatt rating | 36,599 | |
| Diesel and semi-Diesel engines, kilowatt rating | 3,003 | |
| Other internal-combustion engines,[3] kilowatt rating | 393 | |
| Hydroturbines and water wheels, kilowatt rating | 125 | |
| Generators, ordinarily idle (included above), kilowatt rating | 12,623 | (5) |
| Electric motors, total: | | |
| Number | 57,756 | 33,384 |
| Horsepower | 519,521 | 372,581 |
| Driven by purchased energy— | | |
| Number | 43,146 | 25,043 |
| Horsepower | 407,332 | 289,009 |
| Driven by energy generated in establishments reporting— | | |
| Number | 14,610 | 8,341 |
| Horsepower | 112,189 | 83,572 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 156,432,813 | (5) |
| Sold | 2,112,103 | (4) |
| Purchased | 639,539,266 | 475,382,995 |

[1] Includes data for the "Custom slaughtering, wholesale" industry.
[2] Includes data for prime movers not driving generators.
[3] Gas, gasoline, etc.
[4] Not called for on schedule.
[5] Data not available.

# CUSTOM SLAUGHTERING, WHOLESALE

[A preliminary report for this industry was issued October 17, 1940]

**Description of the industry.**—This industry embraces establishments primarily engaged in the slaughtering of cattle, hogs, sheep, and other animals on a contract basis as a service for others. Prior to the census for 1939, these establishments were a part of the "Meat packing, wholesale" industry. The 1937 reports were retabulated to obtain figures comparable with those for 1939, but there are no comparable figures available for earlier years.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 40 | 640 | $688,864 | $477,578 | $1,932,722 | $1,455,144 | 945 |
| 1937 [4] | 24 | 560 | 663,595 | 269,646 | 1,810,190 | 1,540,544 | ([5]) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture
[4] No comparable figures available for earlier years.
[5] Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Georgia | Ohio | Oregon | Texas | Virginia | Other States [1] |
|---|---|---|---|---|---|---|---|
| Number of establishments [2] | 40 | 3 | 4 | 3 | 6 | 3 | 21 |
| Proprietors and firm members | 25 | 2 | 3 | 2 | 7 | | 11 |
| Persons reported by manufacturing establishments, total [3] | 782 | 61 | 57 | 29 | 79 | 46 | 511 |
| Salaried officers of corporations [3] | 28 | 3 | 2 | 2 | 1 | 4 | 16 |
| Manufacturing: | | | | | | | |
| Salaried employees [3] | 59 | 6 | 1 | 1 | 6 | 5 | 40 |
| Wage earners (average for the year) [4] | 640 | 52 | 47 | 26 | 71 | 27 | 418 |
| Distribution | 30 | | 1 | | 1 | | 28 |
| Construction | 18 | | 4 | | | 10 | 4 |
| Other | 7 | | 2 | | | | 5 |
| Salaries and wages, total [3] | $959,175 | $51,658 | $72,197 | $41,821 | $79,293 | $60,170 | $654,036 |
| Salaried officers [3] | 89,354 | 4,500 | 16,000 | 4,400 | 2,520 | 11,130 | 50,804 |
| Manufacturing: | | | | | | | |
| Salaries [3] | 105,958 | 9,302 | 4,680 | 2,000 | 8,780 | 6,237 | 74,959 |
| Wages | 688,864 | 37,856 | 44,373 | 35,421 | 66,493 | 35,065 | 469,656 |
| Distribution | 51,408 | | 1,600 | | 1,500 | | 48,308 |
| Construction | 17,972 | | 5,030 | | | 7,738 | 5,204 |
| Other | 5,619 | | 514 | | | | 5,105 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 477,578 | 23,418 | 16,936 | 10,526 | 21,984 | 11,495 | 393,219 |
| Materials, supplies, and containers | 329,948 | 9,200 | 6,543 | 47 | 465 | 3,500 | 310,193 |
| Fuel | 52,324 | 4,218 | 3,027 | 2,836 | 4,997 | 3,666 | 33,580 |
| Purchased electric energy | 95,306 | 10,000 | 7,366 | 7,643 | 16,522 | 4,329 | 49,446 |
| Contract work | | | | | | | |
| Value of products | 1,932,722 | 113,956 | 111,832 | 62,830 | 115,056 | 52,217 | 1,476,831 |
| Value added by manufacture [5] | 1,455,144 | 90,538 | 94,896 | 52,304 | 93,072 | 40,722 | 1,083,612 |

[1] California, 2 establishments; Connecticut, 1; Illinois, 2; Indiana, 2; Louisiana, 2; Massachusetts, 1; Michigan, 1; New Jersey, 1; North Carolina, 2; Pennsylvania, 2; South Carolina, 1; Tennessee, 2; Vermont, 1; Wisconsin, 1.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—RECEIPTS FOR CONTRACT WORK AND VALUE OF BYPRODUCTS FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Custom Slaughtering, Wholesale industry, total receipts for contract work and value of byproducts | $1,932,722 | $1,810,190 |
| Receipts for contract work | 1,130,655 | 1,190,753 |
| Miscellaneous products | 30,523 | 61,371 |
| Other products from slaughtering operations (not classified in this industry) | [1] 771,544 | 558,066 |
| Receipts for contract work, total | 2,927,305 | 2,751,460 |
| Reported by establishments: | | |
| Classified in this industry | 1,130,655 | 1,190,753 |
| Classified in the "Meat packing, wholesale" industry | 1,796,650 | 1,560,707 |

[1] Value of fresh beef, edible organs, beef, sheep, and hog casings, tallow, grease, inedible oils, soap stock, tankage materials, fertilizers and fertilizer materials, cured and uncured hides and skins, and glue.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE: 1939 AND 1937

No detail production figures for this industry. For number of animals slaughtered, see table 8, page 61, of the report for the "Meat packing, wholesale" industry, which covers the number slaughtered in the "Custom slaughtering, wholesale" industry.

TABLE 5.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 640 | 627 | 628 | 615 | 619 | 650 | 641 | 669 | 638 | 658 | 637 | 655 | 649 |
| 1937 | 560 | 537 | 531 | 533 | 548 | 495 | 519 | 567 | 595 | 592 | 589 | 600 | 612 |
| Georgia | 52 | 57 | 52 | 41 | 50 | 59 | 52 | 57 | 37 | 60 | 53 | 57 | 50 |
| Ohio | 47 | 51 | 49 | 47 | 44 | 47 | 47 | 50 | 48 | 46 | 45 | 45 | 44 |
| Oregon | 26 | 26 | 27 | 28 | 25 | 25 | 22 | 22 | 25 | 25 | 28 | 27 | 26 |
| Texas | 71 | 70 | 72 | 70 | 70 | 70 | 70 | 70 | 70 | 71 | 72 | 73 | 72 |
| Virginia | 27 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 57 | 57 |

TABLE 6.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 40 |
| Reporting expenditures for plant and equipment | 18 |
| Value of products: | |
| Total for the industry | $1,932,722 |
| Reporting expenditures for plant and equipment | 1,295,151 |

TABLE 6.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939—Continued

| | 1939 |
|---|---|
| Expenditures for plant and equipment: | |
| Total for the industry | $118,081 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 49,395 |
| Expenditures for new machinery and operating equipment | 64,647 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 4,039 |

TABLE 7.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $43,518 | $39,936 |
| Finished products | 34,316 | 17,866 |
| Materials, supplies, etc | 9,202 | 22,070 |
| End of year, total | 44,578 | 52,828 |
| Finished products | 36,200 | 26,395 |
| Materials, supplies, etc | 8,378 | 26,433 |
| Value of products for the industry, total | 1,932,722 | 1,810,190 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 983,949 | 1,627,030 |
| Value for establishments not reporting inventories | 948,773 | 183,160 |

TABLE 8.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 [1]

| | 1939 |
|---|---|
| Number of establishments | 40 |
| Number of establishments reporting power equipment | 40 |
| Prime movers, aggregate: | |
| Number | 10 |
| Horsepower | 945 |
| Prime movers, Diesel and semi-Diesel engines, driving generators— | |
| Number | 2 |
| Horsepower | 375 |
| Prime movers, steam engines, not driving generators— | |
| Number | 8 |
| Horsepower | 570 |
| Generators, driven by Diesel and semi-Diesel engines, kilowatt rating | 252 |
| Electric motors, total: | |
| Number | 469 |
| Horsepower | 4,833 |
| Driven by purchased energy— | |
| Number | 456 |
| Horsepower | 4,405 |
| Driven by energy generated in establishments reporting— | |
| Number | 13 |
| Horsepower | 428 |
| Electric energy (kilowatt-hours): | |
| Generated in plant | 500,000 |
| Purchased | 5,562,695 |

[1] Comparable data for 1929 not available. Figures included in those for the "Meat packing, wholesale" industry.

# SAUSAGES, PREPARED MEATS, AND OTHER MEAT PRODUCTS—NOT MADE IN MEAT-PACKING ESTABLISHMENTS

[A preliminary report for this industry was issued December 19, 1940]

**Description of the industry.**—This industry embraces establishments primarily engaged in the production of sausages, prepared meats, and meat specialties, where no slaughtering operations are performed on the premises. Sausage or meat kitchens, operated by packing houses but not located on the same premises, are included in this industry. Dressing and canning of poultry, rabbits, and other small game are included in the "Poultry dressing and packing, wholesale" industry.

Prior to the census for 1937, the two industries—"Sausages, prepared meats, and other meat products," etc., and "Sausage casings," etc., were treated as one industry, and a number of important meat products other than sausage, now assigned to this industry, were classified in the "Food preparations, not elsewhere classified" industry. The 1937 reports were retabulated to obtain figures comparable with those for 1939, but comparable figures for years prior to 1937 are not available.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 1,067 | 11,277 | $13,473,199 | $165,045,149 | $208,048,345 | $43,003,196 | 1,315 |
| 1937 [4] | 1,006 | 11,584 | 13,878,573 | 170,404,658 | 208,188,348 | 37,783,690 | (5) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Comparable statistics for earlier years not available.
[5] Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | UNITED STATES | | | Alabama | Arkansas | California | Connecticut | Delaware | District of Columbia | Florida | Georgia | Illinois | Indiana |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total for the industry | Reported by establishments owned or operated by— Meat-packing companies | Other concerns | | | | | | | | | | |
| Number of establishments [1] | 1,067 | 262 | 805 | 11 | 9 | 87 | 30 | 4 | 7 | 18 | 18 | 89 | 11 |
| Proprietors and firm members | 750 | | 750 | 6 | 6 | 109 | 22 | 3 | 3 | 9 | 13 | 44 | 5 |
| Persons reported by manufacturing establishments, total [2] | 16,998 | 4,686 | 12,312 | 177 | 56 | 1,062 | 275 | 18 | 415 | 243 | 317 | 2,445 | 263 |
| Salaried officers of corporations [2] | 554 | 6 | 548 | | | 28 | 11 | | 6 | 6 | 8 | 81 | 11 |
| Manufacturing: | | | | | | | | | | | | | |
| Salaried employees [2] | 1,258 | 391 | 867 | 15 | 10 | 67 | 22 | 2 | 29 | 21 | 16 | 168 | 26 |
| Wage earners (average for the year) [2] | 11,277 | 4,058 | 7,219 | 108 | 36 | 619 | 181 | 8 | 302 | 163 | 226 | 1,740 | 183 |
| Distribution | 3,720 | 216 | 3,504 | 54 | 10 | 332 | 60 | 8 | 75 | 50 | 64 | 441 | 40 |
| Construction | 59 | 4 | 55 | | | 1 | | | 1 | | | 9 | |
| Other | 130 | 11 | 119 | | | 15 | 1 | | 2 | 3 | 3 | 6 | 3 |
| Salaries and wages, total [2] | $24,537,484 | $5,601,372 | $18,936,112 | $130,834 | $53,133 | $1,758,537 | $381,602 | $11,414 | $556,829 | $234,085 | $277,333 | $3,693,532 | $452,228 |
| Salaried officers [2] | 2,715,901 | 34,375 | 2,681,526 | | | 124,734 | 49,310 | | 26,822 | 34,375 | 27,061 | 371,503 | 97,921 |
| Manufacturing: | | | | | | | | | | | | | |
| Salaries [2] | 2,288,880 | 771,110 | 1,517,770 | 17,613 | 10,425 | 123,875 | 36,205 | 2,313 | 63,039 | 21,932 | 20,257 | 389,573 | 46,300 |
| Wages | 13,473,199 | 4,391,585 | 9,081,614 | 82,455 | 33,058 | 928,319 | 212,696 | 5,445 | 325,823 | 131,432 | 152,413 | 2,135,897 | 252,030 |
| Distribution | 5,838,172 | 390,554 | 5,447,618 | 30,766 | 9,650 | 561,201 | 82,209 | 3,656 | 137,580 | 45,129 | 74,794 | 774,583 | 52,692 |
| Construction | 72,307 | 641 | 71,666 | | | 2,419 | | | 1,550 | | | 15,453 | |
| Other | 149,025 | 13,107 | 135,918 | | | 17,989 | 1,182 | | 2,015 | 1,217 | 2,808 | 6,523 | 3,285 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 165,045,149 | 64,674,803 | 100,370,346 | 1,987,945 | 939,277 | 9,710,426 | 2,862,361 | 78,775 | 4,945,917 | 1,843,240 | 2,244,768 | 22,588,937 | 2,603,964 |
| Materials, supplies, and containers | 162,741,298 | 63,984,298 | 98,757,000 | 1,965,909 | 927,378 | [4] 9,600,730 | 2,815,542 | 74,452 | 4,916,335 | [4] 1,810,953 | [4] 2,210,637 | [4] 22,304,838 | 2,567,619 |
| Fuel | 923,831 | 293,812 | 630,019 | 4,787 | 3,873 | 43,216 | 20,345 | 1,266 | 13,909 | 11,965 | 15,306 | 120,147 | 15,420 |
| Purchased electric energy | 1,343,933 | 396,693 | 947,240 | 17,249 | 8,026 | 66,480 | 26,474 | 3,057 | 15,673 | 20,322 | 18,825 | 163,952 | 20,925 |
| Contract work | 36,087 | | 36,087 | | | (4) | | | | (4) | (4) | (4) | |
| Value of products | 208,048,345 | 76,042,686 | 132,005,659 | 2,429,471 | 1,099,074 | 12,588,915 | 3,605,697 | 123,231 | 6,161,259 | 2,177,270 | 2,754,480 | 28,564,770 | 3,426,339 |
| Value added by manufacture [5] | 43,003,196 | 11,367,883 | 31,635,313 | 441,526 | 159,797 | 2,878,489 | 743,336 | 44,456 | 1,215,342 | 334,030 | 509,712 | 5,975,833 | 822,375 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Iowa | Kentucky | Louisiana | Maine | Maryland | Massachusetts | Michigan | Minnesota | Mississippi | Missouri | New Hampshire | New Jersey |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 14 | 7 | 13 | 10 | 23 | 85 | 52 | 27 | 8 | 23 | 6 | 44 |
| Proprietors and firm members | 18 | 3 | 4 | 3 | 28 | 67 | 49 | 26 | 1 | 17 | 4 | 26 |
| Persons reported by manufacturing establishments, total [2] | 104 | 76 | 439 | 135 | 231 | 1,328 | 1,261 | 367 | 45 | 318 | 79 | 684 |
| Salaried officers of corporations [2] | 4 | 4 | 13 | 5 | 11 | 47 | 41 | 11 | 3 | 12 | 5 | 42 |
| Manufacturing: | | | | | | | | | | | | |
| Salaried employees [2] | 4 | 2 | 20 | 13 | 27 | 92 | 98 | 21 | 3 | 18 | 5 | 62 |
| Wage earners (average for the year) [3] | 66 | 54 | 215 | 82 | 171 | 928 | 781 | 220 | 33 | 193 | 56 | 333 |
| Distribution | 29 | 16 | 167 | 34 | 22 | 257 | 331 | 115 | 6 | 89 | 12 | 220 |
| Construction | | | 2 | 1 | | 2 | 2 | | | 2 | | 9 |
| Other | 1 | | 22 | | | 2 | 8 | | | 4 | 1 | 18 |
| Salaries and wages, total [2] | $128,179 | $76,758 | $515,205 | $172,392 | $285,185 | $1,760,946 | $2,032,283 | $616,687 | $33,725 | $433,327 | $103,296 | $1,148,732 |
| Salaried officers [2] | 16,120 | 7,400 | 82,579 | 18,840 | 20,033 | 219,256 | 276,532 | 50,112 | 2,175 | 37,770 | 18,165 | 252,922 |
| Manufacturing: | | | | | | | | | | | | |
| Salaries [2] | 8,030 | 4,368 | 33,200 | 17,988 | 39,385 | 151,102 | 187,161 | 37,872 | 3,798 | 34,050 | 6,428 | 105,720 |
| Wages | 72,092 | 50,280 | 170,007 | 86,023 | 201,790 | 1,006,993 | 1,050,457 | 316,854 | 24,416 | 222,307 | 59,480 | 413,203 |
| Distribution | 31,701 | 14,710 | 208,544 | 48,341 | 23,977 | 376,306 | 507,025 | 211,849 | 3,336 | 134,123 | 18,423 | 349,085 |
| Construction | | | 2,160 | 1,200 | | 4,262 | 2,820 | | | 2,040 | | 8,207 |
| Other | 236 | | 18,715 | | | 3,027 | 8,288 | | | 3,037 | 800 | 19,595 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 666,755 | 713,813 | 2,713,611 | 1,055,453 | 2,539,355 | 12,235,747 | 10,931,567 | 3,104,333 | 463,644 | 2,106,722 | 415,946 | 4,849,475 |
| Materials, supplies, and containers | 649,995 | 702,647 | 2,676,261 | 1,034,851 | 2,502,868 | 12,082,196 | 10,762,152 | [4] 3,040,519 | 458,685 | 2,068,999 | 405,828 | 4,746,491 |
| Fuel | 6,915 | 4,672 | 14,705 | 8,007 | 17,016 | 69,976 | 74,891 | 28,676 | 1,910 | 12,829 | 4,435 | 44,062 |
| Purchased electric energy | 9,845 | 6,494 | 22,645 | 12,595 | 19,471 | 83,575 | 94,524 | 35,138 | 3,049 | 24,894 | 5,683 | 58,922 |
| Contract work | | | | | | | | (4) | | | | |
| Value of products | 957,896 | 844,567 | 3,324,735 | 1,375,832 | 3,036,080 | 15,829,085 | 14,462,369 | 4,180,315 | 532,083 | 2,761,935 | 580,144 | 6,202,269 |
| Value added by manufacture [5] | 291,141 | 130,754 | 611,124 | 320,379 | 496,725 | 3,593,338 | 3,530,802 | 1,075,982 | 68,439 | 655,213 | 164,198 | 1,352,794 |

| ITEM | New York | North Carolina | Ohio | Oregon | Pennsylvania | Rhode Island | Tennessee | Virginia | Washington | West Virginia | Wisconsin | Other States [6] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 166 | 16 | 44 | 4 | 73 | 12 | 14 | 10 | 14 | 8 | 52 | 58 |
| Proprietors and firm members | 109 | 5 | 26 | 1 | 50 | 13 | 7 | 5 | 13 | 1 | 27 | 27 |
| Persons reported by manufacturing establishments, total [2] | 2,234 | 175 | 715 | 39 | 1,489 | 72 | 115 | 176 | 133 | 109 | 840 | 564 |
| Salaried officers of corporations [2] | 92 | 4 | 20 | | 25 | | 6 | | 4 | | 49 | 5 |
| Manufacturing: | | | | | | | | | | | | |
| Salaried employees [2] | 165 | 15 | 43 | 3 | 139 | 5 | 8 | 13 | 12 | 9 | 62 | 43 |
| Wage earners (average for the year) [3] | 1,428 | 152 | 506 | 19 | 1,072 | 53 | 88 | 162 | 89 | 100 | 485 | 426 |
| Distribution | 520 | 4 | 130 | 17 | 245 | 14 | 10 | 1 | 28 | | 233 | 86 |
| Construction | 14 | | 2 | | 8 | | 3 | | | | 2 | 1 |
| Other | 15 | | 14 | | | | | | | | 9 | 3 |
| Salaries and wages, total [2] | $3,841,665 | $144,479 | $1,006,347 | $51,308 | $2,042,831 | $93,895 | $114,558 | $170,239 | $213,551 | $103,239 | $1,304,974 | $594,156 |
| Salaried officers [2] | 497,482 | 6,400 | 76,636 | | 116,368 | | 16,780 | | 8,580 | | 243,619 | 16,406 |
| Manufacturing: | | | | | | | | | | | | |
| Salaries [2] | 317,041 | 23,361 | 89,429 | 2,613 | 245,231 | 11,714 | 10,939 | 22,202 | 18,255 | 13,477 | 108,531 | 65,453 |
| Wages | 2,043,078 | 109,826 | 600,964 | 25,978 | 1,237,037 | 62,541 | 74,044 | 145,697 | 134,868 | 89,762 | 618,694 | 397,240 |
| Distribution | 946,785 | 4,892 | 214,900 | 22,717 | 435,280 | 19,640 | 12,455 | 2,340 | 51,848 | | 317,735 | 109,900 |
| Construction | 14,735 | | 3,554 | | 8,915 | | 340 | | | | 4,652 | |
| Other | 22,544 | | 20,864 | | | | | | | | 11,743 | 5,157 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 26,502,311 | 1,392,070 | 5,450,181 | 517,598 | 19,688,232 | 659,895 | 1,322,078 | 1,785,159 | 1,670,727 | 1,132,347 | 5,931,396 | 7,391,124 |
| Materials, supplies, and containers | [4] 26,093,542 | 1,367,315 | 5,353,813 | 512,173 | 19,506,066 | 646,619 | 1,305,001 | 1,756,440 | 1,649,813 | 1,116,021 | [4] 5,828,613 | 7,316,084 |
| Fuel | 148,387 | 7,161 | 38,213 | 2,105 | 79,248 | 6,172 | 5,610 | 11,105 | 9,999 | 5,060 | 45,640 | 26,803 |
| Purchased electric energy | 260,382 | 17,594 | 58,155 | 3,320 | 102,918 | 7,104 | 11,467 | 17,614 | 10,915 | 11,266 | 57,143 | 48,237 |
| Contract work | (4) | | | | | | | | | | (4) | |
| Value of products | 32,939,679 | 1,709,502 | 7,436,722 | 604,059 | 23,897,848 | 815,711 | 1,613,897 | 2,178,416 | 2,080,661 | 1,314,592 | 8,046,529 | 8,392,913 |
| Value added by manufacture [5] | 6,437,368 | 317,432 | 1,986,541 | 86,461 | 4,209,616 | 155,816 | 291,819 | 393,257 | 409,934 | 182,245 | 2,115,133 | 1,001,789 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Cost of "Contract work" included in figure for "Materials, supplies, and containers" to avoid disclosing contract work reported by individual establishments.
[5] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[6] Arizona, 2 establishments; Colorado, 1; Idaho, 1; Kansas, 3; Montana, 4; Nebraska, 3; Nevada, 1; North Dakota, 1; Oklahoma, 6; South Carolina, 8; Texas, 26; Utah, 2.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | 1937 [1] |
|---|---|---|
| Sausages, Prepared Meats, and Other Meat Products—Not Made in Meat-Packing Establishments industry, all products, total value | $208,048,345 | $208,188,348 |
| Sausages, prepared meats, and other meat products | 197,351,290 | 204,296,083 |
| Sausages, etc., and other products, not reported by kind | 2,387,935 | 3,814,953 |
| Miscellaneous products, including scrap and salable refuse | 1,350,799 | |
| Other products (not classified in this industry) | [2] 1,512,832 | |
| Merchandise (goods bought and sold without processing) | 5,428,161 | |
| Receipts for contract work | 17,328 | 77,312 |
| Sausages, prepared meats, and other meat products, total value | 476,124,110 | 479,927,121 |
| Sausages, prepared meats, and other meat products made in the "Sausages," etc., and other industries (except "Meat packing, wholesale") | 198,691,147 | 204,603,588 |
| Sausages, prepared meats, and other meat products made as secondary products in the "Meat packing, wholesale" industry | 277,432,963 | 275,323,533 |

[1] Revised.
[2] Value of sausage casings, peanut butter, tamales, chile con carne, sandwich spread, canned soups, smoked fish, etc.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

| PRODUCT | 1939 | | | 1937 |
|---|---|---|---|---|
| | Made in the— | | | |
| | Sausages, Prepared Meats, and Other Meat Products industry and in other industries (except Meat Packing, Wholesale) | Meat Packing, Wholesale industry | Total | |
| Total value | $198,691,147 | $277,432,963 | $476,124,110 | [1] $479,927,121 |
| Fresh sausage and sausage products: | | | | |
| Total pounds | 566,593,768 | 960,073,921 | 1,526,667,689 | 1,324,711,097 |
| Total value | $92,650,771 | $149,115,980 | $241,766,751 | $229,986,409 |
| Frankfurters— | | | | |
| Pounds | 193,576,244 | (2) | 193,576,244 | 136,270,378 |
| Value | $31,982,186 | | $31,982,186 | $23,760,363 |
| Bologna— | | | | |
| Pounds | 145,291,950 | | 145,291,950 | 99,549,000 |
| Value | $21,622,239 | | $21,622,239 | $16,701,931 |
| Pork sausage— | | | | |
| Pounds | 71,689,393 | | 71,689,393 | 44,768,691 |
| Value | $12,456,425 | | $12,456,425 | $8,295,989 |
| Meat loaves— | | | | |
| Pounds | 53,810,134 | | 53,810,134 | 29,800,738 |
| Value | $9,647,178 | | $9,647,178 | $5,615,045 |
| Other sausage products (meat puddings, headcheese, scrapple, etc.)— | | | | |
| Pounds | 102,226,047 | | 102,226,047 | 76,237,072 |
| Value | $16,942,743 | | $16,942,743 | $14,775,310 |
| Fresh sausage not reported by kind— | | | | |
| Pounds | | 960,073,921 | 960,073,921 | 938,085,218 |
| Value | | $149,115,980 | $149,115,980 | $160,837,771 |
| Dry sausage: | | | | |
| Pounds | 40,872,464 | 75,555,139 | 116,427,603 | 114,395,812 |
| Value | $9,668,863 | $17,037,216 | $26,706,079 | $26,981,933 |
| Sausage and sausage products, not reported by kind: | | | | |
| Pounds | 30,475,128 | | 30,475,128 | 153,385,994 |
| Value | $5,333,536 | | $5,333,536 | $28,164,932 |
| Canned sausage: | | | | |
| Total pounds | 1,782,787 | 27,114,071 | 28,896,858 | 28,073,128 |
| Total value | $296,875 | $5,367,578 | $5,664,453 | $5,998,598 |
| Pork— | | | | |
| Pounds | 207,682 | 3,538,677 | 3,746,359 | (2) |
| Value | $47,603 | $757,140 | $804,743 | |
| Other— | | | | |
| Pounds | 1,575,105 | 23,575,394 | 25,150,499 | |
| Value | $249,272 | $4,610,438 | $4,859,710 | |
| Bacon, sliced or packed: | | | | |
| Pounds | 36,105,162 | | 36,105,162 | 35,822,961 |
| Value | $7,251,280 | | $7,251,280 | $9,678,621 |
| Beef, dried or sliced: | | | | |
| Pounds | 4,427,013 | | 4,427,013 | 3,141,646 |
| Value | $1,515,333 | | $1,515,333 | $1,232,564 |
| Brains, tongues, tripe, etc., processed, not fresh: | | | | |
| Pounds | 7,441,285 | | 7,441,285 | 5,374,250 |
| Value | $1,635,240 | | $1,635,240 | $767,709 |
| Hams, boiled, roasted, or boneless: | | | | |
| Pounds | 78,543,147 | 142,054,941 | 220,598,088 | 213,136,494 |
| Value | $20,733,087 | $42,563,827 | $63,296,914 | $69,487,961 |
| Meats, canned: | | | | |
| Total pounds | 10,655,282 | 330,769,439 | 341,424,721 | (3) |
| Total value | $2,421,801 | $63,348,362 | $65,770,163 | $52,095,428 |
| Beef— | | | | |
| Pounds | 3,680,061 | 44,029,345 | 47,709,406 | (2) |
| Value | $918,203 | $6,348,291 | $7,266,494 | |
| Pork— | | | | |
| Pounds | 2,896,781 | 209,468,126 | 212,364,907 | |
| Value | $601,316 | $44,500,842 | $45,102,158 | |
| Other— | | | | |
| Pounds | 4,078,440 | 77,271,968 | 81,350,408 | |
| Value | $902,282 | $12,499,229 | $13,401,511 | |

See footnotes at end of table.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939 AND 1937—Con.

| PRODUCT | 1939 | | | 1937 |
|---|---|---|---|---|
| | Made in the— | | | |
| | Sausages, Prepared Meats, and Other Meat Products industry and in other industries (except Meat Packing, Wholesale) | Meat Packing, Wholesale industry | Total | |
| Meats, smoked: | | | | |
| Pounds | 182, 322, 561 | | 182, 322, 561 | 164, 418, 321 |
| Value | $34, 036, 363 | | $34, 036, 363 | $38, 471, 477 |
| Pigs' feet, cooked or pickled: | | | | |
| Pounds | 2, 401, 798 | (4) | 2, 401, 798 | 2, 851, 547 |
| Value | $261, 042 | | $261, 042 | $442, 583 |
| Other meat products: | | | | |
| Pounds | 153, 754, 592 | | 153, 754, 592 | (5) |
| Value | $22, 886, 956 | | $22, 886, 956 | $16, 618, 906 |

[1] Revised.
[2] Data not called for on schedule.
[3] Includes data for canned meats, valued at $48,182,856 (240,767,016 pounds) made in the "Meat packing, wholesale" industry and $3,912,572 (for which no quantity was reported) made in the "Food preparations, not elsewhere classified" industry.
[4] For the products made in meat-packing establishments, see the report for "Meat packing, wholesale" industry.
[5] Data not available.

TABLE 5.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

[This table presents statistics for each State for which separate figures can be published without disclosing, exactly or approximately, any data for individual establishments. In items covered by footnote 1 some of the States, however, reported larger quantities and values of certain classes of products than some of the States shown separately]

| STATE | Total value | SAUSAGES (INCLUDING CANNED SAUSAGE), MEAT PUDDINGS, HEADCHEESE, ETC. | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | | Fresh | | Dry | | Canned | | Not reported by kind | |
| | | Pounds | Value | Pounds | Value | Pounds | Value | Pounds | Value | Pounds | Value |
| United States | $476, 124, 110 | 1, 702, 467, 278 | $279, 470, 819 | 1, 526, 667, 689 | $241, 766, 751 | 116, 427, 603 | $26, 706, 079 | 28, 896, 858 | $5, 664, 453 | 30, 475, 128 | $5, 333, 536 |
| Alabama | 2, 120, 559 | 9, 111, 375 | 1, 194, 541 | (1) | (1) | (1) | (1) | (1) | (1) | | |
| Arizona | 912, 584 | (1) | (1) | (1) | (1) | | | | | | |
| Arkansas | 1, 452, 034 | 5, 456, 273 | 711, 270 | (1) | (1) | (1) | (1) | | | | |
| California | 21, 356, 996 | 81, 701, 760 | 13, 636, 820 | 77, 151, 279 | 12, 355, 329 | 4, 550, 481 | 1, 281, 491 | | | | |
| Colorado | 3, 222, 046 | 16, 998, 017 | 2, 698, 887 | 16, 452, 880 | 2, 576, 448 | 545, 137 | 122, 439 | | | | |
| Connecticut | 3, 360, 656 | 12, 506, 192 | 2, 467, 970 | 11, 824, 973 | 2, 297, 028 | (1) | (1) | (1) | (1) | | |
| Delaware | 880, 328 | 4, 774, 992 | 712, 897 | 4, 774, 992 | 712, 897 | | | | | | |
| District of Columbia | 6, 056, 124 | 22, 590, 903 | 3, 558, 742 | (1) | (1) | (1) | (1) | | | | |
| Florida | 2, 529, 258 | 10, 682, 104 | 1, 449, 702 | 10, 319, 914 | 1, 401, 185 | (1) | (1) | (1) | (1) | | |
| Georgia | 4, 603, 949 | 20, 814, 828 | 2, 736, 089 | 20, 361, 333 | 2, 679, 061 | (1) | (1) | (1) | (1) | | |
| Idaho | 503, 522 | 2, 810, 768 | 409, 503 | (1) | (1) | (1) | (1) | | | | |
| Illinois | 83, 378, 469 | 216, 472, 028 | 37, 985, 828 | 145, 603, 193 | 22, 267, 770 | 48, 948, 266 | 11, 343, 166 | 21, 920, 569 | 4, 374, 892 | | |
| Indiana | 12, 968, 915 | 59, 742, 239 | 9, 273, 690 | (1) | (1) | (1) | (1) | (1) | (1) | | |
| Iowa | 22, 384, 516 | 49, 271, 471 | 7, 562, 931 | 43, 206, 002 | 6, 306, 268 | (1) | (1) | (1) | (1) | | |
| Kansas | 11, 957, 106 | 38, 733, 872 | 4, 975, 903 | 37, 443, 497 | 4, 762, 850 | (1) | (1) | (1) | (1) | (1) | (1) |
| Kentucky | 3, 648, 900 | 19, 394, 521 | 2, 750, 224 | 19, 394, 521 | 2, 750, 224 | | | | | | |
| Louisiana | 3, 619, 543 | 13, 508, 801 | 1, 793, 536 | 12, 808, 853 | 1, 689, 239 | (1) | (1) | (1) | (1) | | |
| Maine | 1, 741, 546 | 8, 390, 506 | 1, 280, 092 | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) |
| Maryland | 9, 001, 611 | 33, 465, 497 | 5, 651, 535 | (1) | (1) | (1) | (1) | (1) | (1) | | |
| Massachusetts | 21, 732, 707 | 78, 670, 109 | 13, 273, 945 | 75, 668, 955 | 12, 552, 666 | (1) | (1) | (1) | (1) | (1) | (1) |
| Michigan | 19, 803, 488 | 92, 732, 381 | 14, 305, 442 | 88, 482, 756 | 13, 581, 795 | (1) | (1) | (1) | (1) | 3, 063, 195 | 461, 422 |
| Minnesota | 27, 481, 152 | 74, 664, 587 | 12, 426, 293 | 59, 535, 476 | 9, 374, 896 | 13, 845, 852 | 2, 711, 400 | (1) | (1) | (1) | (1) |
| Mississippi | 1, 020, 240 | 5, 767, 235 | 706, 095 | (1) | (1) | (1) | (1) | (1) | (1) | | |
| Missouri | 8, 885, 314 | 44, 756, 229 | 6, 488, 588 | 43, 890, 741 | 6, 299, 477 | 865, 488 | 189, 111 | | | | |
| Montana | 1, 050, 372 | 4, 253, 130 | 661, 164 | (1) | (1) | (1) | (1) | | | | |
| Nebraska | 6, 608, 225 | 32, 914, 801 | 5, 795, 400 | (1) | (1) | (1) | (1) | | | | |
| Nevada | 246, 677 | (1) | (1) | (1) | (1) | (1) | (1) | | | | |
| New Hampshire | 575, 075 | 2, 786, 668 | 412, 953 | 2, 786, 668 | 412, 953 | | | | | | |
| New Jersey | 16, 116, 355 | 57, 703, 732 | 11, 620, 879 | 55, 925, 252 | 11, 173, 016 | (1) | (1) | (1) | (1) | | |
| New York | 49, 585, 135 | 153, 452, 579 | 28, 537, 218 | 138, 947, 856 | 25, 569, 305 | (1) | (1) | (1) | (1) | 10, 030, 275 | 1, 742, 634 |
| North Carolina | 1, 794, 529 | 10, 205, 106 | 1, 390, 771 | (1) | (1) | (1) | (1) | | | (1) | (1) |
| North Dakota and South Dakota | 3, 981, 097 | 11, 326, 937 | 1, 609, 864 | (1) | (1) | (1) | (1) | | | (1) | (1) |
| Ohio | 23, 893, 014 | 122, 529, 244 | 19, 879, 064 | 120, 682, 087 | 19, 432, 307 | 1, 125, 156 | 333, 060 | (1) | (1) | (1) | (1) |
| Oklahoma | 3, 741, 936 | 17, 165, 269 | 2, 149, 828 | 16, 686, 075 | 2, 070, 912 | 479, 194 | 78, 916 | | | | |
| Oregon | 1, 776, 154 | 7, 521, 744 | 1, 113, 695 | (1) | (1) | (1) | (1) | | | (1) | (1) |
| Pennsylvania | 45, 425, 927 | 160, 543, 455 | 28, 242, 891 | 151, 771, 438 | 26, 544, 675 | (1) | (1) | (1) | (1) | (1) | (1) |
| Rhode Island | 863, 256 | 3, 088, 142 | 570, 846 | (1) | (1) | (1) | (1) | | | (1) | (1) |
| South Carolina | 1, 557, 201 | 10, 155, 851 | 1, 310, 299 | (1) | (1) | (1) | (1) | | | (1) | (1) |
| Tennessee | 4, 690, 619 | 24, 579, 214 | 3, 270, 531 | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) |
| Texas | 11, 446, 391 | 41, 199, 969 | 5, 398, 934 | 37, 443, 169 | 4, 870, 540 | (1) | (1) | (1) | (1) | (1) | (1) |
| Utah | 762, 853 | 3, 137, 747 | 504, 446 | (1) | (1) | (1) | (1) | | | | |
| Virginia | 3, 893, 895 | 20, 188, 982 | 2, 763, 523 | (1) | (1) | | | | | (1) | (1) |
| Washington | 4, 748, 826 | 19, 239, 617 | 3, 125, 415 | 18, 262, 142 | 2, 931, 053 | (1) | (1) | | | (1) | (1) |
| West Virginia | 2, 916, 772 | 12, 026, 781 | 1, 813, 158 | (1) | (1) | (1) | (1) | | | (1) | (1) |
| Wisconsin | 15, 480, 812 | 59, 110, 865 | 10, 300, 360 | 48, 223, 606 | 8, 065, 131 | (1) | (1) | (1) | (1) | 6, 100, 912 | 1, 191, 222 |
| Other States (N. Mex., Vt., Wyo.) | 347, 426 | 2, 156, 011 | 307, 130 | 2, 156, 011 | 307, 130 | | | | | | |
| Items covered by footnote 1 | | 4, 164, 746 | 641, 927 | 266, 864, 020 | 38, 782, 596 | 46, 068, 029 | 10, 646, 496 | 6, 976, 289 | 1, 289, 561 | 11, 280, 746 | 1, 938, 258 |

See footnote at end of table.

TABLE 5.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939—Continued

| STATE | OTHER RELATED MEAT PRODUCTS | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Hams | | Meats, smoked | | Bacon, sliced or packed | | Beef, dried or sliced | |
| | Pounds | Value | Pounds | Value | Pounds | Value | Pounds | Value |
| United States | 220, 598, 088 | $63, 296, 914 | 182, 322, 561 | $34, 036, 363 | 36, 105, 162 | $7, 251, 280 | 4, 427, 013 | $1, 515, 333 |
| Alabama | (1) | (1) | (1) | (1) | | | | |
| Arizona | (1) | (1) | (1) | (1) | (1) | (1) | | |
| Arkansas | 231, 378 | 61, 128 | (1) | (1) | (1) | (1) | (1) | (1) |
| California | 9, 834, 861 | 3, 021, 718 | 10, 146, 599 | 2, 259, 553 | (1) | (1) | (1) | (1) |
| Colorado | (1) | (1) | (1) | (1) | (1) | (1) | | |
| Connecticut | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) |
| Delaware | (1) | (1) | (1) | (1) | (1) | (1) | | |
| District of Columbia | 2, 840, 497 | 671, 955 | 5, 962, 555 | 1, 021, 761 | (1) | (1) | (1) | (1) |
| Florida | 615, 606 | 180, 609 | 4, 908, 305 | 878, 380 | (1) | (1) | | |
| Georgia | (1) | (1) | 4, 491, 124 | 792, 561 | | | (1) | (1) |
| Idaho | (1) | (1) | | | | | | |
| Illinois | 28, 304, 648 | 8, 105, 099 | 10, 614, 243 | 1, 847, 091 | (1) | (1) | 346, 773 | 111, 684 |
| Indiana | 3, 951, 978 | 1, 144, 842 | (1) | (1) | (1) | (1) | | |
| Iowa | 7, 473, 650 | 2, 259, 282 | (1) | (1) | (1) | (1) | (1) | (1) |
| Kansas | 7, 919, 973 | 2, 162, 893 | (1) | (1) | (1) | (1) | | |
| Kentucky | 1, 647, 314 | 491, 372 | 2, 034, 446 | 300, 828 | (1) | (1) | | |
| Louisiana | 3, 274, 167 | 810, 238 | (1) | (1) | 1, 326, 471 | 277, 156 | | |
| Maine | 312, 282 | 90, 296 | (1) | (1) | (1) | (1) | | |
| Maryland | 3, 680, 553 | 1, 278, 627 | (1) | (1) | (1) | (1) | (1) | (1) |
| Massachusetts | 10, 834, 748 | 2, 795, 503 | 13, 893, 451 | 2, 598, 609 | (1) | (1) | (1) | (1) |
| Michigan | 5, 331, 060 | 1, 524, 995 | 12, 168, 432 | 2, 280, 783 | (1) | (1) | | |
| Minnesota | (1) | (1) | (1) | (1) | (1) | (1) | | |
| Mississippi | (1) | (1) | (1) | (1) | | | | |
| Missouri | 7, 591, 275 | 2, 180, 775 | (1) | (1) | 78, 870 | 11, 599 | (1) | (1) |
| Montana | (1) | (1) | (1) | (1) | (1) | (1) | | |
| Nebraska | (1) | (1) | (1) | (1) | (1) | (1) | | |
| Nevada | (1) | (1) | (1) | (1) | | | | |
| New Hampshire | (1) | (1) | (1) | (1) | | | | |
| New Jersey | 10, 661, 649 | 3, 158, 381 | 2, 980, 476 | 590, 691 | 150, 185 | 30, 767 | (1) | (1) |
| New York | 30, 673, 705 | 8, 799, 791 | 26, 350, 448 | 5, 469, 670 | 3, 333, 037 | 838, 307 | 50, 356 | 25, 378 |
| North Carolina | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) |
| North Dakota and South Dakota | 2, 450, 425 | 645, 712 | | | | | | |
| Ohio | 10, 330, 563 | 2, 995, 036 | 4, 563, 931 | 771, 932 | (1) | (1) | (1) | (1) |
| Oklahoma | 2, 588, 583 | 746, 351 | (1) | (1) | (1) | (1) | (1) | (1) |
| Oregon | 580, 391 | 179, 795 | 1, 642, 119 | 325, 531 | | | (1) | (1) |
| Pennsylvania | 21, 060, 133 | 6, 269, 272 | 24, 947, 151 | 4, 960, 209 | (1) | (1) | 2, 535, 627 | 910, 222 |
| Rhode Island | 221, 815 | 61, 285 | 1, 062, 320 | 190, 453 | (1) | (1) | | |
| South Carolina | (1) | (1) | (1) | (1) | | | | |
| Tennessee | 1, 733, 386 | 539, 727 | 3, 696, 023 | 650, 606 | (1) | (1) | | |
| Texas | (1) | (1) | (1) | (1) | (1) | (1) | | |
| Utah | (1) | (1) | (1) | (1) | (1) | (1) | | |
| Virginia | 1, 885, 955 | 546, 174 | (1) | (1) | (1) | (1) | | |
| Washington | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) |
| West Virginia | (1) | (1) | (1) | (1) | (1) | (1) | | |
| Wisconsin | 10, 444, 537 | 2, 991, 425 | 3, 664, 254 | 587, 972 | (1) | (1) | (1) | (1) |
| Other States (N. Mex., Vt., Wyo.) | 126, 520 | 40, 296 | | | | | | |
| Items covered by footnote 1 | 33, 996, 436 | 9, 544, 337 | 49, 196, 684 | 8, 509, 733 | 31, 216, 599 | 6, 093, 451 | 1, 494, 257 | 468, 049 |

| STATE | OTHER RELATED MEAT PRODUCTS—continued | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Brains, tongues, etc. | | Canned meats | | Pigs' feet, cooked or pickled | | Other meat products | |
| | Pounds | Value | Pounds | Value | Pounds | Value | Pounds | Value |
| United States | 7, 441, 285 | $1, 635, 240 | 341, 424, 721 | $65, 770, 163 | 2, 401, 798 | $261, 042 | 153, 754, 592 | $22, 886, 956 |
| Alabama | | | | | | | (1) | (1) |
| Arizona | | | | | | | (1) | (1) |
| Arkansas | | | | | | | (1) | (1) |
| California | (1) | (1) | | | 70, 112 | 8, 110 | 7, 510, 967 | 1, 582, 079 |
| Colorado | | | | | | | | |
| Connecticut | | | (1) | (1) | (1) | (1) | (1) | (1) |
| Delaware | | | | | | | | |
| District of Columbia | | | | | | | (1) | (1) |
| Florida | | | | | (1) | (1) | (1) | (1) |
| Georgia | | | (1) | (1) | | | 459, 012 | 50, 639 |
| Idaho | | | (1) | (1) | | | | |
| Illinois | (1) | (1) | 169, 378, 200 | 26, 181, 684 | 351, 594 | 30, 882 | 65, 013, 796 | 7, 811, 215 |
| Indiana | | | (1) | (1) | | | (1) | (1) |
| Iowa | | | 58, 238, 394 | 12, 532, 690 | | | | |
| Kansas | (1) | (1) | 25, 375, 005 | 4, 684, 710 | | | (1) | (1) |
| Kentucky | | | (1) | (1) | | | (1) | (1) |
| Louisiana | | | | | | | (1) | (1) |
| Maine | | | (1) | (1) | | | (1) | (1) |
| Maryland | 121, 114 | 26, 918 | (1) | (1) | | | 8, 013, 346 | 923, 654 |
| Massachusetts | (1) | (1) | (1) | (1) | (1) | (1) | 3, 922, 472 | 774, 277 |
| Michigan | (1) | (1) | (1) | (1) | | | (1) | (1) |
| Minnesota | (1) | (1) | (1) | (1) | (1) | (1) | | |
| Mississippi | | | | | | | | |
| Missouri | (1) | (1) | (1) | (1) | | | (1) | (1) |
| Montana | | | | | | | (1) | (1) |

See footnote at end of table.

TABLE 5.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939—Continued

| STATE | OTHER RELATED MEAT PRODUCTS—continued | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Brains, tongues, etc. | | Canned meats | | Pigs' feet, cooked or pickled | | Other meat products | |
| | Pounds | Value | Pounds | Value | Pounds | Value | Pounds | Value |
| Nebraska | | | (1) | (1) | | | | |
| Nevada | | | | | | | | |
| New Hampshire | | | | | | | | |
| New Jersey | | | (1) | (1) | (1) | (1) | 2,177,423 | $470,242 |
| New York | 1,248,947 | $508,209 | 3,854,931 | $1,025,405 | 591,300 | $78,790 | 18,376,469 | 4,302,367 |
| North Carolina | (1) | (1) | | | (1) | (1) | (1) | (1) |
| North Dakota and South Dakota | | | (1) | (1) | | | | |
| Ohio | (1) | (1) | (1) | (1) | | | (1) | (1) |
| Oklahoma | | | (1) | (1) | (1) | (1) | | |
| Oregon | | | (1) | (1) | | | (1) | (1) |
| Pennsylvania | (1) | (1) | 516,432 | 132,847 | | | 30,618,201 | 4,111,037 |
| Rhode Island | | | | | | | (1) | (1) |
| South Carolina | | | | | | | (1) | (1) |
| Tennessee | | | (1) | (1) | | | (1) | (1) |
| Texas | (1) | (1) | (1) | (1) | | | (1) | (1) |
| Utah | | | | | (1) | (1) | | |
| Virginia | | | 538,748 | 130,507 | | | (1) | (1) |
| Washington | | | 278,740 | 55,819 | (1) | (1) | (1) | (1) |
| West Virginia | | | | | | | | |
| Wisconsin | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) |
| Other States (N. Mex., Vt., Wyo.) | | | | | | | | |
| Items covered by footnote 1 | 6,071,224 | 1,100,113 | 83,244,271 | 21,026,501 | 1,388,792 | 143,260 | 17,662,906 | 2,861,446 |

[1] Data for specified products, withheld for certain States, in order to avoid disclosing, exactly or approximately, the production of individual establishments, are included in the figures at the foot of the table, in the appropriate columns.

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| UNITED STATES | | | | | | | | | | | | | |
| **1939** | | | | | | | | | | | | | |
| Total for the industry | 11,277 | 10,926 | 10,778 | 10,767 | 10,835 | 11,103 | 11,405 | 11,700 | 11,750 | 11,708 | 11,553 | 11,482 | 11,313 |
| Reported by establishments owned or operated by— | | | | | | | | | | | | | |
| Meat-packing companies | 4,058 | 3,874 | 3,788 | 3,805 | 3,813 | 3,974 | 4,145 | 4,341 | 4,387 | 4,293 | 4,237 | 4,088 | 3,945 |
| Other concerns | 7,219 | 7,052 | 6,990 | 6,962 | 7,022 | 7,129 | 7,260 | 7,359 | 7,363 | 7,415 | 7,316 | 7,394 | 7,368 |
| **1937** [1] | | | | | | | | | | | | | |
| Total for the industry | 11,584 | 11,189 | 11,088 | 11,297 | 11,235 | 11,517 | 11,825 | 11,937 | 11,935 | 12,002 | 11,837 | 11,743 | 11,406 |
| Reported by establishments owned or operated by— | | | | | | | | | | | | | |
| Meat-packing companies | 4,117 | 4,045 | 3,911 | 4,119 | 4,003 | 4,210 | 4,267 | 4,249 | 4,238 | 4,276 | 4,104 | 4,114 | 3,874 |
| Other concerns | 7,467 | 7,144 | 7,177 | 7,178 | 7,232 | 7,307 | 7,558 | 7,688 | 7,697 | 7,726 | 7,733 | 7,629 | 7,532 |
| STATES FOR THE INDUSTRY | | | | | | | | | | | | | |
| **1939** | | | | | | | | | | | | | |
| Alabama | 108 | 99 | 100 | 106 | 105 | 107 | 108 | 107 | 112 | 114 | 116 | 114 | 111 |
| Arkansas | 36 | 31 | 30 | 31 | 31 | 31 | 34 | 36 | 40 | 41 | 41 | 48 | 40 |
| California | 619 | 598 | 589 | 606 | 601 | 606 | 624 | 646 | 625 | 629 | 635 | 639 | 626 |
| Connecticut | 181 | 179 | 174 | 177 | 176 | 180 | 183 | 191 | 189 | 189 | 183 | 178 | 178 |
| Delaware | 8 | 9 | 9 | 8 | 8 | 8 | 8 | 7 | 7 | 8 | 7 | 8 | 8 |
| District of Columbia | 302 | 304 | 294 | 291 | 291 | 294 | 301 | 311 | 305 | 308 | 312 | 306 | 311 |
| Florida | 163 | 173 | 170 | 168 | 158 | 154 | 152 | 152 | 157 | 154 | 169 | 171 | 179 |
| Georgia | 226 | 209 | 216 | 218 | 220 | 213 | 214 | 232 | 230 | 244 | 252 | 228 | 235 |
| Illinois | 1,740 | 1,712 | 1,691 | 1,690 | 1,707 | 1,714 | 1,751 | 1,764 | 1,795 | 1,779 | 1,757 | 1,756 | 1,762 |
| Indiana | 183 | 177 | 174 | 174 | 176 | 178 | 186 | 187 | 191 | 189 | 188 | 185 | 190 |
| Iowa | 66 | 67 | 64 | 64 | 67 | 67 | 66 | 67 | 67 | 68 | 66 | 65 | 60 |
| Kansas | 23 | 23 | 23 | 23 | 23 | 23 | 24 | 24 | 23 | 23 | 23 | 24 | 24 |
| Kentucky | 54 | 58 | 57 | 51 | 51 | 54 | 54 | 55 | 54 | 53 | 56 | 55 | 51 |
| Louisiana | 215 | 212 | 213 | 204 | 207 | 213 | 208 | 211 | 219 | 225 | 227 | 223 | 221 |
| Maine | 82 | 74 | 77 | 77 | 77 | 78 | 82 | 94 | 95 | 92 | 84 | 77 | 76 |
| Maryland | 171 | 174 | 171 | 169 | 164 | 163 | 173 | 172 | 172 | 174 | 175 | 171 | 169 |
| Massachusetts | 928 | 915 | 904 | 938 | 931 | 943 | 924 | 949 | 942 | 936 | 927 | 916 | 913 |
| Michigan | 781 | 725 | 719 | 734 | 757 | 775 | 833 | 824 | 829 | 805 | 808 | 786 | 775 |
| Minnesota | 220 | 207 | 202 | 195 | 201 | 232 | 239 | 241 | 247 | 241 | 227 | 207 | 203 |
| Mississippi | 33 | 26 | 28 | 30 | 33 | 30 | 30 | 34 | 36 | 39 | 39 | 37 | 35 |
| Missouri | 193 | 190 | 186 | 185 | 190 | 190 | 194 | 198 | 193 | 198 | 193 | 199 | 195 |
| Nebraska | 35 | 28 | 32 | 33 | 33 | 37 | 37 | 37 | 37 | 37 | 38 | 37 | 37 |
| New Hampshire | 56 | 49 | 49 | 48 | 48 | 52 | 52 | 60 | 59 | 63 | 61 | 65 | 60 |
| New Jersey | 333 | 328 | 327 | 319 | 318 | 333 | 336 | 339 | 340 | 346 | 337 | 340 | 337 |
| New York | 1,428 | 1,366 | 1,353 | 1,340 | 1,355 | 1,415 | 1,468 | 1,528 | 1,501 | 1,480 | 1,444 | 1,435 | 1,451 |

[1] Revised.

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939—Continued

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—continued | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| STATES FOR THE INDUSTRY—continued | | | | | | | | | | | | | |
| **1939** | | | | | | | | | | | | | |
| North Carolina | 152 | 126 | 114 | 125 | 141 | 142 | 155 | 173 | 197 | 194 | 180 | 162 | 117 |
| Ohio | 506 | 502 | 493 | 482 | 482 | 503 | 515 | 516 | 521 | 525 | 514 | 514 | 499 |
| Oklahoma | 51 | 51 | 46 | 47 | 45 | 49 | 56 | 52 | 53 | 50 | 50 | 59 | 54 |
| Oregon | 19 | 19 | 18 | 19 | 20 | 19 | 20 | 18 | 20 | 19 | 18 | 17 | 17 |
| Pennsylvania | 1,072 | 1,096 | 1,064 | 1,008 | 983 | 1,012 | 1,054 | 1,098 | 1,109 | 1,108 | 1,067 | 1,135 | 1,132 |
| Rhode Island | 53 | 54 | 53 | 51 | 53 | 51 | 52 | 52 | 55 | 52 | 53 | 53 | 52 |
| South Carolina | 56 | 53 | 52 | 53 | 54 | 50 | 50 | 55 | 59 | 63 | 62 | 59 | 56 |
| Tennessee | 88 | 79 | 80 | 83 | 82 | 79 | 89 | 88 | 94 | 108 | 107 | 91 | 80 |
| Texas | 228 | 196 | 198 | 220 | 221 | 246 | 230 | 251 | 250 | 239 | 245 | 230 | 213 |
| Virginia | 162 | 138 | 147 | 138 | 144 | 155 | 178 | 188 | 184 | 186 | 175 | 171 | 138 |
| Washington | 89 | 83 | 83 | 87 | 97 | 95 | 89 | 94 | 94 | 91 | 82 | 86 | 84 |
| West Virginia | 100 | 97 | 86 | 91 | 85 | 94 | 102 | 105 | 107 | 105 | 109 | 111 | 102 |
| Wisconsin | 485 | 467 | 463 | 452 | 467 | 484 | 498 | 509 | 508 | 498 | 490 | 494 | 491 |

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | REPORTED BY ESTABLISHMENTS OWNED OR OPERATED BY— | | Total for the industry |
|---|---|---|---|
| | Meat-packing companies | Other concerns | |
| Number of establishments: | | | |
| Total for the industry | 262 | 805 | 1,067 |
| Reporting expenditures for plant and equipment | 99 | 424 | 523 |
| Value of products: | | | |
| Total for the industry | $76,042,686 | $132,005,659 | $208,048,345 |
| Reporting expenditures for plant and equipment | 38,906,764 | 83,547,450 | 122,454,214 |
| Expenditures for plant and equipment: | | | |
| Total for the industry | 379,752 | 1,609,789 | 1,989,541 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 91,787 | 484,283 | 576,070 |
| Expenditures for new machinery and operating equipment | 266,670 | 791,585 | 1,058,255 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 19,429 | 200,964 | 220,393 |
| Expenditures unclassified | 1,866 | 132,957 | 134,823 |

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | REPORTED, FOR 1939, BY ESTABLISHMENTS OWNED OR OPERATED BY— | | TOTAL FOR THE INDUSTRY | |
|---|---|---|---|---|
| | Meat-packing companies | Other concerns | 1939 | 1937 |
| Inventories: | | | | |
| Beginning of year, total | $3,383,691 | $4,794,821 | $8,178,512 | $8,773,657 |
| Finished products | 1,227,172 | 2,264,154 | 3,491,326 | 4,940,163 |
| Materials, supplies, etc. | 2,156,519 | 2,530,667 | 4,687,186 | 3,833,494 |
| End of year, total | 3,391,233 | 5,368,195 | 8,759,428 | 8,438,659 |
| Finished products | 1,241,840 | 2,545,584 | 3,787,424 | 4,869,235 |
| Materials, supplies, etc. | 2,149,393 | 2,822,611 | 4,972,004 | 3,569,424 |
| Value of products for the industry, total | 76,042,686 | 132,005,659 | 208,048,345 | 208,188,348 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 71,005,590 | 120,044,730 | 191,050,320 | 176,256,968 |
| Value for establishments not reporting inventories | 5,037,096 | 11,960,929 | 16,998,025 | 31,931,380 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 [1]

| | REPORTED BY ESTABLISHMENTS OWNED OR OPERATED BY— | | Total for the industry |
|---|---|---|---|
| | Meat-packing companies | Other concerns | |
| Number of establishments | 262 | 805 | 1,067 |
| Number of establishments reporting power equipment | 261 | 802 | 1,063 |
| Prime movers, aggregate: | | | |
| Number | 4 | 27 | 31 |
| Horsepower | 137 | 1,178 | 1,315 |
| Prime movers, driving generators, total— | | | |
| Number | ---------- | 5 | 5 |
| Horsepower | ---------- | 526 | 526 |
| Steam engines— | | | |
| Number | ---------- | 1 | 1 |
| Horsepower | ---------- | 90 | 90 |
| Diesel and semi-Diesel engines— | | | |
| Number | ---------- | 4 | 4 |
| Horsepower | ---------- | 436 | 436 |
| Prime movers not driving generators, total— | | | |
| Number | 4 | 22 | 26 |
| Horsepower | 137 | 652 | 789 |
| Steam engines— | | | |
| Number | ---------- | 15 | 15 |
| Horsepower | ---------- | 515 | 515 |
| Steam turbines— | | | |
| Number | 2 | ---------- | 2 |
| Horsepower | 92 | ---------- | 92 |
| Diesel and semi-Diesel engines— | | | |
| Number | ---------- | 2 | 2 |
| Horsepower | ---------- | 25 | 25 |
| Other internal-combustion engines [2]— | | | |
| Number | 2 | 5 | 7 |
| Horsepower | 45 | 112 | 157 |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 92 | 10 | 102 |
| Generators, kilowatt rating, total | ---------- | 340 | 340 |
| Generators, driven by— | | | |
| Steam engines, kilowatt rating | ---------- | 60 | 60 |
| Diesel and semi-Diesel engines, kilowatt rating | ---------- | 280 | 280 |
| Electric motors, total: | | | |
| Number | 1,629 | 5,609 | 7,238 |
| Horsepower | 12,467 | 68,773 | 81,240 |
| Driven by purchased energy— | | | |
| Number | 1,629 | 5,562 | 7,191 |
| Horsepower | 12,467 | 68,133 | 80,600 |
| Driven by energy generated in establishments reporting— | | | |
| Number | ---------- | 47 | 47 |
| Horsepower | ---------- | 640 | 640 |
| Electric energy (kilowatt-hours): | | | |
| Generated in plant | ---------- | 226,000 | 226,000 |
| Purchased | 22,688,857 | 35,094,637 | 57,783,494 |

[1] Comparable data for 1929 not available. [2] Gas, gasoline, etc.

# SAUSAGE CASINGS—NOT MADE IN MEAT-PACKING ESTABLISHMENTS

[A preliminary report for this industry was issued November 9, 1940]

**Description of the industry.**—This industry includes establishments primarily engaged in the manufacture of sausage casings from animal, artificial, or synthetic materials. Prior to the census for 1937, the two industries—"Sausages, prepared meats, and other meat products" and "Sausage casings"—were considered as one industry, and, therefore, comparable statistics for each of the industries are not available for years prior to 1937.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, and purchased electric energy | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 37 | 987 | $882,335 | $3,709,461 | $6,014,658 | $2,305,197 | ---------- |
| 1937 [4] | 31 | 875 | 898,918 | 4,414,892 | 6,538,796 | 2,123,904 | (5) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, and purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Comparable statistics for earlier years not available.
[5] Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | California | Illinois | New York | Other States [1] |
|---|---|---|---|---|---|
| Number of establishments [2] | 37 | 5 | 10 | 8 | 14 |
| Proprietors and firm members | 13 | 6 | ---------- | 2 | 5 |
| Persons reported by manufacturing establishments, total [3] | 1,194 | 96 | 681 | 159 | 257 |
| Salaried officers of corporations [3] | 28 | 3 | 11 | 6 | 8 |
| Manufacturing: | | | | | |
| Salaried employees [3] | 68 | 10 | 35 | 11 | 12 |
| Wage earners (average for the year) [4] | 987 | 78 | 551 | 140 | 217 |
| Distribution | 111 | 5 | 84 | 2 | 20 |
| Salaries and wages, total [3] | $1,442,278 | $131,113 | $841,908 | $169,111 | $300,146 |
| Salaried officers [3] | 165,278 | 21,056 | 73,789 | 32,700 | 37,733 |
| Manufacturing: | | | | | |
| Salaries [3] | 122,641 | 18,394 | 64,789 | 20,564 | 18,894 |
| Wages | 882,335 | 74,895 | 481,874 | 113,347 | 212,219 |
| Distribution | 272,024 | 16,768 | 221,456 | 2,500 | 31,300 |
| Cost of materials, supplies, containers, fuel, and purchased electric energy, total | 3,709,461 | 214,214 | 2,158,806 | 730,920 | 605,521 |
| Materials, supplies, and containers | 3,673,182 | 210,165 | 2,137,485 | 725,517 | 600,015 |
| Fuel | 17,960 | 2,078 | 10,741 | 2,090 | 3,051 |
| Purchased electric energy | 18,319 | 1,971 | 10,580 | 3,313 | 2,455 |
| Value of products | 6,014,658 | 592,320 | 3,265,044 | 1,018,341 | 1,138,953 |
| Value added by manufacture [5] | 2,305,197 | 378,106 | 1,106,238 | 287,421 | 533,432 |

[1] Iowa, 1 establishment; Maryland, 1; Massachusetts, 1; Michigan, 1; Minnesota, 2; Missouri, 1; Ohio, 2; Oregon, 1; Pennsylvania, 1; South Dakota, 1; Washington, 1; Wisconsin, 1.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, and purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Sausage Casings—Not Made in Meat-Packing Establishments industry, all products, total value | $6,014,658 | $6,538,796 |
| Sausage casings (beef, sheep and lamb, and hog) | 5,459,921 | 6,159,445 |
| Other casings (principally sewed), miscellaneous products, and receipts for contract work [1] | 554,737 | 379,351 |
| Sausage casings, aggregate value | 24,758,215 | 27,214,704 |
| Sausage casings (beef, sheep and lamb, and hog): | | |
| Made in the industry | 5,459,921 | 6,159,445 |
| Made in the "Meat-packing, wholesale" industry | 11,943,139 | 16,143,700 |
| Other casings (principally sewed) and artificial casings [2] | 7,355,155 | 4,911,559 |

[1] Figures combined in order to avoid disclosing approximations of data reported by individual establishments.
[2] Made in the "Sausage casings—not made in meat-packing establishments," "Sausages, prepared meats, and other meat products, not made in meat-packing establishments," "Grease and tallow (except lubricating greases)," and "Rayon and allied products" industries. Figures combined in order to avoid disclosing, exactly or approximately, data reported by individual establishments.

TABLE 4.—PRODUCTION OF SAUSAGE CASINGS, BY KIND AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Aggregate value | $24,758,215 | $27,214,704 |
| Beef casings, total value | 2,495,190 | 3,937,994 |
| Made in the Sausage Casings industry | 336,176 | 652,766 |
| Made in the Meat-Packing, Wholesale industry | 2,159,014 | 3,285,228 |
| Sheep and lamb casings, total value | 6,976,043 | 7,644,541 |
| Made in the Sausage Casings industry | 3,459,386 | 3,293,232 |
| Made in the Meat-Packing, Wholesale industry | 3,516,657 | 4,351,309 |
| Hog casings, total value | 7,931,827 | 10,720,610 |
| Made in the Sausage Casings industry | 1,664,359 | 2,213,447 |
| Made in the Meat-Packing, Wholesale industry | 6,267,468 | 8,507,163 |
| Other casings (principally sewed) and artificial casings [1] | 7,355,155 | 4,911,559 |

[1] See note 2, table 3.

TABLE 5.—PRODUCTION OF SAUSAGE CASINGS, BY KIND AND VALUE, BY STATES: 1939

| PRODUCT AND STATE | Value |
|---|---|
| Beef casings, total | $2,495,190 |
| California | 114,471 |
| Colorado | 32,068 |
| Illinois | 535,961 |
| Indiana | 18,621 |
| Iowa | 129,344 |
| Kansas | 70,329 |
| Maryland | 4,864 |
| Michigan | 21,733 |
| Minnesota | 559,761 |
| Nebraska | 172,561 |
| New York | 193,863 |
| Ohio | 121,199 |
| Pennsylvania | 28,291 |
| South Dakota | 39,731 |
| Texas | 66,522 |
| Washington | 23,033 |
| Wisconsin | 120,552 |
| Other States (Ala., Ariz., Del., Fla., Ga., Idaho, Ky., La., Mass., Mo., Mont., Nev., N. J., N. Dak., Okla., Oreg., Tenn., Utah) | 242,286 |

TABLE 5.—PRODUCTION OF SAUSAGE CASINGS, BY KIND AND VALUE, BY STATES: 1939—Continued

| PRODUCT AND STATE | Value |
|---|---|
| Sheep and lamb casings, total | $6,976,043 |
| California | 522,363 |
| Colorado | 55,315 |
| Illinois | 2,734,976 |
| Indiana | 11,294 |
| Iowa | 553,118 |
| Kansas | 168,973 |
| Minnesota | 259,812 |
| New York | 1,188,133 |
| Ohio | 35,279 |
| Oregon | 12,931 |
| South Dakota | 76,541 |
| Texas | 61,534 |
| Washington | 78,551 |
| Other States (Ariz., Del., Ga., Idaho, Ky., La., Md., Mass., Mich., Mo., Mont., Nebr., Nev., N. J., N. Dak., Okla., Pa., Tenn., Utah, Wis.) | 1,217,223 |
| Hog casings, total | 7,931,827 |
| California | 290,824 |
| Colorado | 54,281 |
| Georgia | 91,369 |

TABLE 5.—PRODUCTION OF SAUSAGE CASINGS, BY KIND AND VALUE, BY STATES: 1939—Continued

| PRODUCT AND STATE | Value |
|---|---|
| Hog casings—Continued. | |
| Illinois | $2,040,341 |
| Indiana | 211,773 |
| Iowa | 889,168 |
| Kansas | 373,664 |
| Kentucky | 15,870 |
| Maryland | 52,824 |
| Michigan | 82,680 |
| Minnesota | 777,314 |
| Missouri | 344,945 |
| Nebraska | 386,355 |
| New Jersey | 177,186 |
| New York | 293,874 |
| Ohio | 305,687 |
| Pennsylvania | 256,800 |
| South Dakota | 175,157 |
| Tennessee | 67,394 |
| Washington | 41,753 |
| Wisconsin | 419,878 |
| Other States (Ala., Ariz., Conn., Del., Idaho, La., Maine, Mass., Mont., Nev., N. Dak., Okla., Oreg., Tex., Utah, Va., W. Va.) | 582,690 |
| Other casings (Calif., Ill., Minn., N. Y.) | 7,355,155 |

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 987 | 1,004 | 971 | 951 | 919 | 920 | 942 | 973 | 991 | 1,023 | 1,031 | 1,037 | 1,077 |
| 1937 | 875 | 905 | 880 | 888 | 854 | 852 | 852 | 875 | 841 | 867 | 877 | 897 | 915 |
| California | 78 | 76 | 76 | 78 | 76 | 77 | 80 | 80 | 73 | 76 | 72 | 85 | 86 |
| Illinois | 551 | 535 | 522 | 527 | 503 | 521 | 563 | 569 | 572 | 576 | 583 | 558 | 586 |
| New York | 140 | 132 | 118 | 124 | 122 | 123 | 121 | 134 | 154 | 156 | 163 | 167 | 168 |

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 37 |
| Reporting expenditures for plant and equipment | 16 |
| Value of products: | |
| Total for the industry | $6,014,658 |
| Reporting expenditures for plant and equipment | 2,308,385 |
| Expenditures for plant and equipment: | |
| Total for the industry | 20,813 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 2,140 |
| Expenditures for new machinery and operating equipment | 15,737 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 2,936 |

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $1,038,630 | $466,365 |
| Finished products | 877,294 | 367,902 |
| Materials, supplies, etc | 161,336 | 98,463 |

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937—Con.

| | 1939 | 1937 |
|---|---|---|
| Inventories—Continued. | | |
| End of year, total | $1,139,929 | $647,862 |
| Finished products | 963,144 | 517,974 |
| Materials, supplies, etc | 176,785 | 129,888 |
| Value of products for the industry, total | 6,014,658 | 6,538,796 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 5,402,643 | 6,071,569 |
| Value for establishments not reporting inventories | 612,015 | 467,227 |

TABLE 9.—POWER—MOTORS AND ELECTRIC ENERGY: 1939 [1]

| | 1939 |
|---|---|
| Number of establishments | 37 |
| Number of establishments reporting power equipment | 37 |
| Electric motors driven by purchased energy: | |
| Number | 187 |
| Horsepower | 386 |
| Electric energy purchased (kilowatt-hours) | 526,331 |

[1] Comparable data for 1929 not available. See "Description of the industry," p. 73.

# POULTRY DRESSING AND PACKING, WHOLESALE

[A preliminary report for this industry was issued December 27, 1940]

**Description of the industry.**—This industry embraces establishments primarily engaged in the dressing, packing, and canning of poultry, rabbits, and other small game, for the wholesale trade. Although many of the establishments operate throughout the year, the industry is mainly a seasonal one, and a number of the plants are active only a few months each year.

**Statistics for earlier years.**—Establishments engaged primarily in killing and dressing poultry were canvassed at censuses prior to that for 1929 (except for the year 1927), but as the statistics based on the returns thus collected did not cover the canning of poultry and poultry products, they are not comparable with those for the industry as now constituted and, therefore, are not included in table 1 of the present report.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1929 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 765 | 14,506 | $8,645,247 | $114,742,997 | $138,318,081 | $23,575,084 | 1,620 |
| 1937 | 533 | 8,913 | 5,931,294 | 87,456,935 | 105,841,342 | 18,384,407 | (5) |
| 1935 | 562 | 8,078 | 5,068,241 | 76,642,072 | 92,944,038 | 16,301,966 | (6) |
| 1933 | 437 | 7,471 | 4,862,362 | 51,852,752 | 66,156,977 | 14,304,225 | (5) |
| 1931 | 497 | 6,982 | 5,944,204 | 77,666,847 | 97,560,080 | 19,893,233 | (5) |
| 1929 [7] | 485 | 7,769 | 7,284,558 | 106,865,506 | 130,161,230 | 23,295,724 | 2,464 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.
[7] No comparable figures are available for earlier years. See second paragraph of text.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Arizona | California | Colorado | Delaware | Idaho | Illinois | Indiana | Iowa | Kansas | Kentucky | Maryland |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 765 | 3 | 78 | 9 | 6 | 4 | 38 | 30 | 90 | 33 | 6 | 14 |
| Proprietors and firm members | 550 | 3 | 112 | 11 | 4 | 1 | 27 | 20 | 39 | 4 | 5 | 11 |
| Persons reported by manufacturing establishments, total [2] | 16,731 | 6 | 960 | 34 | 502 | 29 | 698 | 289 | 3,099 | 916 | 76 | 388 |
| Salaried officers of corporations [2] | 188 | | 15 | 1 | 7 | | 5 | 7 | 18 | 9 | 1 | 9 |
| Manufacturing: | | | | | | | | | | | | |
| Salaried employees [2] | 1,235 | | 72 | | 19 | 4 | 60 | 26 | 264 | 87 | 8 | 11 |
| Wage earners (average for the year) [3] | 14,506 | 5 | 754 | 30 | 466 | 25 | 592 | 235 | 2,773 | 766 | 63 | 345 |
| Distribution | 687 | 1 | 117 | 3 | 10 | | 37 | 21 | 34 | 36 | 4 | 23 |
| Construction | 19 | | 1 | | | | 4 | | 6 | 1 | | |
| Other | 96 | | 1 | | | | | | 4 | 17 | | |
| Salaries and wages, total [2] | $11,955,717 | $4,544 | $1,023,714 | $18,649 | $434,233 | $30,457 | $532,864 | $186,060 | $2,123,286 | $622,355 | $47,030 | $244,417 |
| Salaried officers [2] | 623,545 | | 84,953 | 225 | 38,820 | | 18,400 | 10,670 | 53,706 | 24,030 | 1,000 | 16,000 |
| Manufacturing: | | | | | | | | | | | | |
| Salaries [2] | 1,759,825 | | 115,522 | | 35,181 | 9,805 | 77,647 | 30,134 | 366,382 | 134,201 | 10,130 | 13,672 |
| Wages | 8,645,247 | 3,154 | 643,538 | 12,336 | 332,041 | 20,652 | 406,271 | 130,647 | 1,652,537 | 398,676 | 32,576 | 190,250 |
| Distribution | 816,654 | 1,390 | 175,812 | 6,088 | 28,191 | | 29,424 | 14,609 | 44,194 | 49,021 | 3,324 | 24,495 |
| Construction | 18,705 | | 2,314 | | | | 1,090 | | 5,891 | 1,503 | | |
| Other | 91,741 | | 1,575 | | | | 32 | | 576 | 14,924 | | |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 114,742,997 | 62,253 | 8,576,056 | 277,554 | 2,007,881 | 184,789 | 4,526,307 | 1,762,998 | 19,821,628 | 5,630,943 | 443,049 | 2,898,468 |
| Materials, supplies, and containers | [4] 113,844,884 | 61,683 | 8,537,387 | 276,425 | 1,988,201 | 182,025 | 4,483,041 | 1,745,149 | 19,641,579 | 5,587,459 | 439,378 | 2,885,047 |
| Fuel | 342,441 | 203 | 11,216 | 810 | 14,166 | 1,368 | 16,463 | 7,168 | 56,529 | 11,430 | 1,770 | 6,904 |
| Purchased electric energy | 555,672 | 367 | 27,453 | 319 | 5,514 | 1,396 | 26,803 | 10,681 | 123,520 | 32,054 | 1,901 | 6,517 |
| Contract work | (4) | | | | | | | | | | | |
| Value of products | 138,318,081 | 79,327 | 10,690,432 | 338,625 | 2,801,318 | 225,573 | 5,483,764 | 2,110,107 | 23,879,337 | 6,711,263 | 522,933 | 3,343,712 |
| Value added by manufacture [5] | 23,575,084 | 17,074 | 2,114,376 | 61,071 | 793,437 | 40,784 | 957,457 | 347,109 | 4,057,709 | 1,080,320 | 79,884 | 445,244 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Massachusetts | Michigan | Minnesota | Mississippi | Missouri | Nebraska | New Jersey | New York | North Dakota | Ohio | Oklahoma |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 19 | 7 | 61 | 5 | 53 | 25 | 7 | 16 | 17 | 38 | 30 |
| Proprietors and firm members | 11 | 9 | 35 | 4 | 41 | 4 | 8 | 12 | 3 | 34 | 27 |
| Persons reported by manufacturing establishments, total [2] | 223 | 71 | 1,759 | 24 | 1,327 | 881 | 102 | 250 | 345 | 232 | 811 |
| Salaried officers of corporations [2] | 12 | | 14 | | 4 | 2 | 10 | 16 | 2 | 14 | 4 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 13 | 3 | 166 | 2 | 97 | 66 | 7 | 14 | 36 | 21 | 42 |
| Wage earners (average for the year) [3] | 189 | 67 | 1,510 | 11 | 1,128 | 776 | 72 | 201 | 293 | 163 | 693 |
| Distribution | 8 | 1 | 68 | 11 | 62 | 37 | 11 | 19 | 14 | 22 | 48 |
| Construction | 1 | | 1 | | 1 | | | | | | 1 |
| Other | | | | | 35 | | 2 | | | 12 | 23 |
| Salaries and wages, total [2] | $201,762 | $56,290 | $1,253,875 | $12,762 | $894,285 | $627,426 | $128,397 | $380,842 | $205,351 | $217,279 | $447,823 |
| Salaried officers [2] | 28,930 | | 38,815 | | 18,240 | 6,320 | 26,272 | 78,497 | 3,300 | 36,378 | 15,000 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 15,068 | 3,936 | 213,426 | 2,314 | 143,493 | 107,816 | 10,155 | 24,256 | 46,791 | 17,213 | 62,333 |
| Wages | 139,706 | 50,612 | 906,314 | 4,774 | 668,324 | 469,214 | 77,409 | 226,682 | 143,793 | 135,916 | 305,814 |
| Distribution | 17,658 | 1,742 | 83,392 | 5,674 | 50,218 | 44,076 | 12,750 | 51,407 | 11,467 | 24,422 | 30,063 |
| Construction | 400 | | 1,162 | | 1,225 | | | | | | 1,638 |
| Other | | | 10,766 | | 12,785 | | 1,811 | | | 3,350 | 32,975 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 1,982,066 | 498,849 | 13,116,930 | 107,783 | 11,738,661 | 7,564,979 | 990,021 | 1,387,170 | 1,855,444 | 2,459,699 | 4,247,618 |
| Materials, supplies, and containers | 1,961,465 | 492,702 | 12,997,408 | 102,823 | [4] 11,670,160 | 7,524,793 | 985,319 | 1,372,813 | 1,826,365 | 2,441,387 | 4,212,365 |
| Fuel | 12,066 | 3,560 | 49,022 | 1,557 | 24,256 | 16,095 | 1,061 | 7,618 | 8,076 | 8,790 | 20,474 |
| Purchased electric energy | 8,535 | 2,587 | 70,500 | 3,403 | 44,245 | 24,091 | 3,641 | 6,739 | 21,003 | 9,522 | 14,779 |
| Contract work | | | | | (4) | | | | | | |
| Value of products | 2,331,612 | 614,179 | 15,479,986 | 132,468 | 14,060,426 | 8,807,209 | 1,180,309 | 2,094,687 | 2,195,257 | 2,927,415 | 4,987,647 |
| Value added by manufacture [5] | 349,546 | 115,330 | 2,363,056 | 24,685 | 2,321,765 | 1,242,230 | 190,288 | 707,517 | 339,813 | 467,716 | 740,029 |

| ITEM | Oregon | Pennsylvania | South Dakota | Tennessee | Texas | Utah | Vermont | Washington | Wisconsin | Wyoming | Other States [6] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 14 | 11 | 19 | 6 | 62 | 7 | 3 | 24 | 11 | 3 | 16 |
| Proprietors and firm members | 2 | 13 | 6 | 2 | 46 | 8 | 4 | 18 | 8 | 2 | 16 |
| Persons reported by manufacturing establishments, total [2] | 220 | 378 | 525 | 182 | 1,547 | 203 | 9 | 169 | 118 | 8 | 350 |
| Salaried officers of corporations [2] | 1 | 6 | 4 | | 5 | | | 4 | 5 | 1 | 12 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 13 | 19 | 41 | 18 | 86 | 7 | | 7 | 10 | 2 | 14 |
| Wage earners (average for the year) [3] | 198 | 348 | 475 | 154 | 1,425 | 183 | 9 | 152 | 91 | 4 | 310 |
| Distribution | 8 | 5 | 5 | 7 | 29 | 13 | | 6 | 12 | 1 | 14 |
| Construction | | | | 3 | | | | | | | |
| Other | | | | | 2 | | | | | | |
| Salaries and wages, total [2] | $104,801 | $333,967 | $295,262 | $134,163 | $709,069 | $94,663 | $4,549 | $189,452 | $129,230 | $5,309 | $261,551 |
| Salaried officers [2] | 3,600 | 30,076 | 10,536 | | 14,600 | | | 9,085 | 11,133 | 2,396 | 42,563 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 15,686 | 49,305 | 42,941 | 30,742 | 129,419 | 9,497 | | 13,016 | 11,861 | 670 | 17,213 |
| Wages | 78,437 | 241,033 | 237,245 | 93,036 | 529,047 | 72,178 | 4,549 | 159,740 | 85,498 | 2,183 | 191,065 |
| Distribution | 7,078 | 13,553 | 4,540 | 8,900 | 21,059 | 12,988 | | 7,611 | 20,738 | 60 | 10,710 |
| Construction | | | | 1,485 | 1,997 | | | | | | |
| Other | | | | | 12,947 | | | | | | |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 1,151,826 | 2,183,472 | 3,416,535 | 1,286,138 | 7,837,506 | 1,208,637 | 38,417 | 1,030,203 | 1,289,414 | 29,241 | 3,130,462 |
| Materials, supplies, and containers | 1,140,455 | 2,167,827 | [4] 3,389,386 | 1,276,513 | 7,778,352 | 1,200,520 | 37,750 | 1,016,731 | 1,280,424 | 28,209 | 3,113,743 |
| Fuel | 3,538 | 7,676 | 9,937 | 2,903 | 14,079 | 2,282 | 417 | 8,109 | 3,834 | 774 | 8,290 |
| Purchased electric energy | 7,833 | 7,969 | 17,212 | 6,722 | 45,075 | 5,835 | 250 | 5,363 | 5,156 | 258 | 8,429 |
| Contract work | | | (4) | | | | | | | | |
| Value of products | 1,395,108 | 2,727,051 | 4,106,148 | 1,474,625 | 9,158,690 | 1,685,031 | 49,925 | 1,507,896 | 1,524,671 | 35,160 | 3,656,190 |
| Value added by manufacture [5] | 243,282 | 543,579 | 689,613 | 188,487 | 1,321,184 | 476,394 | 11,508 | 477,693 | 235,257 | 5,919 | 525,728 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Cost of "Contract work" included in figure for "Materials, supplies, and containers" to avoid disclosing, exactly or approximately, data reported by individual establishments.
[5] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[6] Alabama, 1 establishment; Arkansas, 1; Connecticut, 2; Florida, 2; Louisiana, 1; Maine, 2; Montana, 1; New Hampshire, 1; New Mexico, 1; Rhode Island, 1; Virginia, 3.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Poultry Dressing and Packing, Wholesale industry, all products, total value | $138,318,081 | $105,841,342 | $130,161,230 |
| Poultry and rabbits, dressed and packed, and other poultry products | 109,789,807 | [1] 98,579,664 | [1] 126,472,906 |
| Miscellaneous products including scrap and salable refuse | 792,614 | [1] 7,239,966 | [1] 3,688,324 |
| Other products (not classified in this industry) | [2] 11,178,750 | | |
| Merchandise (goods bought and sold without processing) | 16,506,067 | (3) | (3) |
| Receipts for contract work | 50,843 | 21,712 | |
| Poultry and rabbits, dressed and packed, and other poultry products, aggregate value | 113,283,809 | [1] 100,458,589 | [1] 126,830,458 |
| Poultry and rabbits, and other poultry products dressed, packed, and canned in the industry | 109,789,807 | [1] 98,579,664 | [1] 126,472,906 |
| Poultry products, etc., reported as secondary products in other industries | 3,494,002 | [1] 1,878,925 | [1] 357,552 |

[1] Revised.
[2] Value of eggs, canned or frozen; butter, chicken broth and soup; dried eggs; plum and fig puddings; cheese.
[3] Not called for on schedule.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| PRODUCT | 1939 | | | 1937 | 1929 |
|---|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | | |
| Aggregate value | $109,789,807 | $3,494,002 | $113,283,809 | [1] $100,458,589 | [1] $126,830,458 |
| Poultry, dressed and packed: | | | | | |
| Total pounds | 580,380,290 | 15,632,583 | 596,012,873 | 451,659,229 | (2) |
| Total value | $107,004,090 | $2,992,804 | $109,996,894 | $97,332,316 | $122,466,372 |
| Chickens— | | | | | |
| Pounds | 423,822,858 | 3,577,565 | 427,400,423 | 330,190,937 | 329,689,483 |
| Value | $75,789,127 | $680,872 | $76,469,999 | $70,587,333 | $94,324,785 |
| Turkeys— | | | | | |
| Pounds | 109,439,641 | 2,876,409 | 112,316,050 | 73,575,237 | 31,427,113 |
| Value | $22,504,411 | $564,922 | $23,069,333 | $16,472,207 | $9,908,921 |
| Ducks— | | | | | |
| Pounds | 9,829,314 | | 9,829,314 | 5,960,633 | 5,659,706 |
| Value | $1,583,373 | | $1,583,373 | $1,152,105 | $1,385,853 |
| Geese— | | | | | |
| Pounds | 6,067,011 | | 6,067,011 | 3,704,862 | 2,781,999 |
| Value | $949,027 | | $949,027 | $762,488 | $654,984 |
| Other poultry— | | | | | |
| Pounds | 1,831,086 | | 1,831,086 | 1,404,859 | |
| Value | $441,894 | | $441,894 | $340,924 | |
| Poultry not reported by kind— | | | | | |
| Pounds | 29,390,380 | 9,178,609 | 38,568,989 | 36,822,701 | (2) |
| Value | $5,736,258 | $1,747,010 | $7,483,268 | $8,017,259 | $16,191,829 |
| Poultry, canned: | | | | | |
| Total pounds | (3) | (3) | 6,004,556 | (3) | |
| Total value | (3) | (3) | $2,486,162 | $2,334,639 | $3,748,475 |
| Whole— | | | | | |
| Pounds | (3) | (3) | 2,047,303 | (2) | |
| Value | (3) | (3) | $765,616 | | |
| Parts— | | | | | |
| Pounds | (3) | (3) | 3,957,253 | | (2) |
| Value | (3) | (3) | $1,720,546 | | |
| Chicken, potted and deviled: | | | | | |
| Pounds | 182,190 | | 182,190 | (2) | |
| Value | $46,300 | | $46,300 | $59,200 | |
| Rabbits, hares, etc.; dressed, value | (3) | (3) | $572,710 | $550,633 | $207,287 |
| Feathers sold: | | | | | |
| Chicken— | | | | | |
| Pounds | 2,181,022 | | 2,181,022 | 1,897,403 | (2) |
| Value | $63,619 | | $63,619 | $85,803 | $408,324 |
| Other— | | | | | |
| Pounds | 561,965 | | 561,965 | 706,000 | |
| Value | $118,124 | | $118,124 | $95,998 | |

[1] Revised.
[2] No data.
[3] Cannot be shown separately without disclosing, exactly or approximately, data reported by individual establishments.

## TABLE 5.—PRINCIPAL PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

[Statistics are presented for each State for which separate figures can be given without disclosing, exactly or approximately, the production of individual establishments. Certain of the States for which separate figures are not given, however, reported larger quantities and values of the specified classes of products than some of the States shown separately]

| STATE | TOTAL | | CHICKENS | | TURKEYS | | DUCKS | | GEESE | | POULTRY NOT REPORTED BY KIND | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Pounds | Value | Pounds | Value | Pounds | Value | Pounds | Value | Pounds | Value | Pounds | Value |
| United States | 596,012,873 | $109,996,894 | 427,400,423 | $76,469,999 | 112,316,050 | $23,069,333 | 9,829,314 | $1,583,373 | 6,067,011 | $949,027 | 40,400,075 | $7,925,162 |
| Arizona | 352,916 | 79,327 | 286,688 | 65,522 | (1) | (1) | (1) | (1) | (1) | (1) | | |
| California | 47,769,298 | 9,434,341 | 29,240,670 | 5,912,651 | 12,961,253 | 2,438,733 | (1) | (1) | (1) | (1) | 2,583,383 | 588,079 |
| Colorado | 1,863,862 | 329,217 | 1,090,032 | 183,419 | 685,240 | 130,441 | (1) | (1) | (1) | (1) | | |
| Delaware | 6,673,270 | 1,260,661 | (1) | (1) | (1) | (1) | (1) | (1) | | | | |
| Idaho | 1,166,472 | 226,293 | 972,670 | 190,539 | 182,301 | 33,983 | (1) | (1) | (1) | (1) | | |
| Illinois | 26,177,568 | 4,754,910 | 24,190,862 | 4,383,435 | 793,059 | 167,063 | (1) | (1) | 139,499 | 20,305 | (1) | (1) |
| Indiana | 11,169,117 | 2,061,895 | 9,801,226 | 1,799,848 | 365,836 | 75,125 | 181,726 | 31,327 | 95,778 | 16,934 | 724,551 | 138,661 |
| Iowa | 105,457,201 | 19,483,245 | 80,521,019 | 14,318,789 | 15,499,069 | 3,455,624 | 1,285,506 | 198,770 | (1) | (1) | (1) | (1) |
| Kansas | 31,841,397 | 5,726,873 | 26,828,151 | 4,649,443 | 3,533,627 | 781,907 | (1) | (1) | (1) | (1) | (1) | (1) |
| Kentucky | 1,866,765 | 366,340 | 1,609,328 | 303,036 | 240,306 | 59,696 | (1) | (1) | (1) | (1) | (1) | (1) |
| Maryland | 17,010,573 | 3,343,712 | 14,876,827 | 2,881,650 | 1,529,071 | 357,004 | 460,564 | 77,720 | (1) | (1) | (1) | (1) |
| Massachusetts | 10,887,069 | 2,144,461 | 9,829,686 | 1,968,969 | (1) | (1) | 984,008 | 157,481 | (1) | (1) | | |
| Michigan | 2,442,499 | 468,818 | 751,199 | 148,098 | 271,518 | 66,765 | (1) | (1) | 12,629 | 2,191 | (1) | (1) |
| Minnesota | 61,328,497 | 10,428,552 | 38,795,633 | 6,258,685 | 15,774,183 | 3,064,792 | 813,762 | 121,005 | 1,112,465 | 166,225 | 4,832,454 | 817,845 |
| Mississippi | 566,605 | 113,098 | 385,040 | 75,384 | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) |
| Missouri | 61,245,516 | 10,387,551 | 50,357,005 | 8,314,178 | 7,485,060 | 1,488,543 | 693,973 | 96,116 | 1,346,112 | 204,956 | 1,363,366 | 283,758 |
| Montana | 329,569 | 68,560 | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) |
| Nebraska | 34,552,878 | 6,074,199 | 27,108,780 | 4,599,735 | 3,838,769 | 760,394 | (1) | (1) | 64,691 | 9,279 | (1) | (1) |
| New Jersey | 4,657,380 | 1,178,309 | 3,853,226 | 935,348 | (1) | (1) | 81,739 | 15,139 | 13,809 | 3,148 | (1) | (1) |
| New York | 6,254,117 | 1,259,517 | 4,173,539 | 848,701 | 366,541 | 90,105 | (1) | (1) | 41,549 | 8,180 | (1) | (1) |
| North Dakota | 11,398,343 | 2,153,000 | (1) | (1) | 5,685,175 | 1,148,118 | 29,041 | 4,530 | 39,120 | 5,977 | (1) | (1) |
| Ohio | 15,611,733 | 3,080,848 | 9,777,043 | 1,876,316 | 1,168,224 | 271,559 | 337,694 | 56,868 | 156,053 | 27,100 | 4,172,719 | 849,005 |
| Oklahoma | 21,952,412 | 3,936,443 | 12,246,880 | 2,070,969 | 7,266,909 | 1,476,662 | 158,717 | 24,036 | (1) | (1) | (1) | (1) |
| Oregon | 7,204,328 | 1,359,601 | (1) | (1) | 5,133,998 | 964,691 | (1) | (1) | (1) | (1) | (1) | (1) |
| Pennsylvania | 14,332,126 | 2,888,711 | 9,992,673 | 1,965,701 | (1) | (1) | (1) | (1) | 5,195 | 903 | (1) | (1) |
| South Dakota | 19,251,378 | 3,178,423 | 13,817,565 | 2,134,483 | 4,596,638 | 899,123 | 147,722 | 22,420 | (1) | (1) | (1) | (1) |
| Tennessee | 5,173,763 | 990,841 | 4,854,117 | 920,449 | 269,148 | 60,988 | (1) | (1) | (1) | (1) | (1) | (1) |
| Texas | 31,596,347 | 6,057,518 | 12,838,093 | 2,206,422 | 15,867,352 | 3,270,383 | 226,401 | 36,390 | (1) | (1) | (1) | (1) |
| Utah | 7,308,903 | 1,685,882 | (1) | (1) | 4,950,581 | 1,166,782 | (1) | (1) | (1) | (1) | (1) | (1) |
| Virginia | 5,479,538 | 1,172,070 | 3,500,000 | 800,000 | 1,979,538 | 372,070 | | | | | | |
| Washington | 4,867,375 | 914,363 | 4,535,072 | 850,558 | 167,294 | 32,910 | 45,012 | 7,621 | (1) | (1) | (1) | (1) |
| Wisconsin | 7,544,369 | 1,384,622 | 6,522,695 | 1,228,241 | 233,194 | 51,820 | 116,750 | 19,315 | (1) | (1) | (1) | (1) |
| Wyoming | 193,968 | 35,160 | (1) | (1) | (1) | (1) | (1) | (1) | | | | |
| Other States | 10,485,721 | 1,969,533 | 9,417,160 | 1,752,822 | 125,624 | 25,336 | (1) | (1) | (1) | (1) | 939,622 | 190,903 |
| Items covered by footnote 1 | | | 15,227,544 | 2,826,608 | 1,346,542 | 358,716 | 4,266,699 | 714,635 | 3,040,111 | 483,829 | 25,783,980 | 5,056,911 |

[1] Data for specified products, withheld for certain States, in order to avoid disclosing, exactly or approximately, the production of individual establishments, are included in the figures at the foot of the table, in the appropriate columns.

## TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 14,506 | 10,334 | 9,608 | 10,012 | 11,424 | 13,026 | 13,227 | 13,115 | 13,643 | 13,947 | 16,089 | 25,754 | 23,887 |
| 1937 | 8,913 | 6,527 | 6,275 | 6,382 | 7,171 | 8,079 | 8,488 | 8,271 | 8,905 | 9,611 | 10,524 | 13,827 | 12,891 |
| 1929 | 7,769 | 5,677 | 5,156 | 5,257 | 5,875 | 6,521 | 7,357 | 7,912 | 8,514 | 9,085 | 9,858 | 11,272 | 10,750 |
| Arizona | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| California | 754 | 759 | 724 | 648 | 727 | 781 | 704 | 694 | 695 | 693 | 775 | 944 | 900 |
| Colorado | 30 | 53 | 12 | 13 | 14 | 14 | 14 | 15 | 14 | 15 | 14 | 91 | 90 |
| Delaware | 466 | 496 | 496 | 502 | 500 | 496 | 384 | 220 | 601 | 481 | 353 | 471 | 588 |
| Idaho | 25 | 13 | 16 | 23 | 31 | 25 | 18 | 23 | 16 | 20 | 18 | 47 | 50 |
| Illinois | 592 | 430 | 424 | 433 | 458 | 567 | 605 | 619 | 618 | 634 | 690 | 844 | 779 |
| Indiana | 235 | 153 | 174 | 159 | 178 | 200 | 205 | 277 | 265 | 293 | 316 | 317 | 285 |
| Iowa | 2,773 | 2,047 | 1,573 | 1,639 | 2,029 | 2,426 | 2,722 | 2,880 | 2,866 | 2,970 | 3,859 | 4,429 | 3,839 |
| Kansas | 766 | 610 | 603 | 670 | 662 | 717 | 770 | 764 | 842 | 821 | 816 | 1,042 | 879 |
| Kentucky | 63 | 31 | 30 | 36 | 79 | 84 | 48 | 50 | 52 | 45 | 102 | 103 | 95 |
| Maryland | 345 | 222 | 293 | 272 | 300 | 426 | 398 | 413 | 387 | 398 | 340 | 348 | 343 |
| Massachusetts | 189 | 138 | 142 | 131 | 212 | 221 | 224 | 218 | 209 | 219 | 223 | 172 | 158 |
| Michigan | 67 | 37 | 40 | 56 | 59 | 66 | 86 | 87 | 83 | 83 | 67 | 76 | 69 |
| Minnesota | 1,510 | 859 | 732 | 745 | 874 | 1,082 | 1,245 | 1,364 | 1,533 | 1,804 | 2,285 | 3,014 | 2,586 |
| Mississippi | 11 | 10 | 9 | 11 | 12 | 12 | 11 | 10 | 9 | 9 | 13 | 11 | 11 |
| Missouri | 1,128 | 909 | 944 | 970 | 1,084 | 1,201 | 1,213 | 1,212 | 1,205 | 1,134 | 1,106 | 1,300 | 1,264 |
| Nebraska | 776 | 600 | 550 | 539 | 591 | 750 | 772 | 840 | 917 | 934 | 915 | 1,034 | 870 |
| New Jersey | 72 | 58 | 57 | 62 | 69 | 73 | 91 | 98 | 90 | 77 | 70 | 60 | 60 |
| New York | 201 | 182 | 181 | 188 | 196 | 193 | 202 | 209 | 207 | 237 | 229 | 199 | 191 |
| North Dakota | 293 | 170 | 109 | 113 | 120 | 144 | 166 | 195 | 199 | 220 | 358 | 822 | 902 |
| Ohio | 163 | 106 | 107 | 113 | 112 | 111 | 174 | 171 | 175 | 189 | 239 | 234 | 221 |
| Oklahoma | 693 | 461 | 457 | 487 | 564 | 553 | 518 | 468 | 474 | 472 | 511 | 1,820 | 1,529 |
| Oregon | 198 | 154 | 66 | 86 | 77 | 151 | 66 | 55 | 49 | 49 | 286 | 684 | 647 |
| Pennsylvania | 348 | 245 | 273 | 269 | 407 | 446 | 478 | 445 | 354 | 335 | 294 | 323 | 313 |
| South Dakota | 475 | 318 | 263 | 263 | 331 | 355 | 376 | 310 | 377 | 450 | 576 | 1,076 | 1,000 |
| Tennessee | 154 | 102 | 101 | 138 | 160 | 177 | 157 | 131 | 139 | 161 | 181 | 233 | 168 |
| Texas | 1,425 | 550 | 703 | 896 | 993 | 934 | 705 | 544 | 460 | 486 | 610 | 5,063 | 5,156 |
| Utah | 183 | 214 | 72 | 79 | 77 | 191 | 208 | 209 | 208 | 72 | 176 | 336 | 355 |
| Vermont | 9 | 7 | 7 | 7 | 8 | 9 | 9 | 10 | 9 | 12 | 8 | 13 | 11 |
| Virginia | 115 | 88 | 90 | 90 | 90 | 108 | 118 | 105 | 109 | 123 | 168 | 167 | 124 |
| Washington | 152 | 90 | 149 | 160 | 157 | 159 | 162 | 102 | 122 | 189 | 178 | 182 | 171 |
| Wisconsin | 91 | 81 | 64 | 67 | 64 | 73 | 83 | 104 | 110 | 116 | 112 | 118 | 103 |
| Wyoming | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 9 | 9 |

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 765 |
| Reporting expenditures for plant and equipment | 345 |
| Value of products: | |
| Total for the industry | $138, 318, 081 |
| Reporting expenditures for plant and equipment | 79, 305, 319 |
| Expenditures for plant and equipment: | |
| Total for the industry | 868, 771 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 274, 855 |
| Expenditures for new machinery and operating equipment | 529, 959 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 49, 783 |
| Expenditures unclassified | 14, 174 |

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $5, 852, 283 | $6, 618, 068 |
| Finished products | 4, 101, 579 | 5, 057, 687 |
| Materials, supplies, etc | 1, 750, 704 | 1, 560, 381 |
| End of year, total | 5, 717, 797 | 5, 977, 528 |
| Finished products | 3, 895, 763 | 4, 426, 482 |
| Materials, supplies, etc | 1, 822, 034 | 1, 551, 046 |
| Value of products for the industry, total | 138, 318, 081 | 105, 841, 342 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 124, 409, 920 | 96, 161, 529 |
| Value of establishments not reporting inventories | 13, 908, 161 | 9, 679, 813 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 765 | 485 |
| Number of establishments reporting power equipment | 761 | 366 |
| Prime movers, aggregate: | | |
| Number | 28 | 71 |
| Horsepower | 1, 620 | 2, 464 |
| Prime movers, driving generators, total— | | |
| Number | 11 | [1] 71 |
| Horsepower | 950 | [1] 2, 464 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929—Continued

| | 1939 | 1929 |
|---|---|---|
| Prime movers—Continued. | | |
| Prime movers, driving generators—Continued. | | |
| Steam engines— | | |
| Number | 3 | [1] 42 |
| Horsepower | 250 | [1] 1, 741 |
| Diesel and semi-Diesel engines— | | |
| Number | 6 | [1] 29 |
| Horsepower | 615 | [1] 723 |
| Other internal-combustion engines [2]— | | |
| Number | 2 | |
| Horsepower | 85 | |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 195 | |
| Prime movers not driving generators, total— | | |
| Number | 17 | |
| Horsepower | 670 | |
| Steam engines— | | |
| Number | 10 | (3) |
| Horsepower | 450 | |
| Diesel and semi-Diesel engines— | | |
| Number | 1 | |
| Horsepower | 65 | |
| Other internal-combustion engines [2]— | | |
| Number | 6 | |
| Horsepower | 155 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 14 | (3) |
| Generators, kilowatt rating, total | 621 | 227 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 165 | (3) |
| Diesel and semi-Diesel engines, kilowatt rating | 411 | |
| Other internal-combustion engines,[2] kilowatt rating | 45 | |
| Generators, ordinarily idle (included above), kilowatt rating | 101 | 4 |
| Electric motors, total: | | |
| Number | 3, 964 | 1, 899 |
| Horsepower | 14, 423 | 11, 161 |
| Driven by purchased energy— | | |
| Number | 3, 840 | 1, 817 |
| Horsepower | 14, 039 | 11, 036 |
| Driven by energy generated in establishments reporting— | | |
| Number | 124 | 82 |
| Horsepower | 384 | 125 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 372, 170 | (4) |
| Purchased | 25, 075, 336 | 15, 766, 240 |

[1] Includes data for prime movers not driving generators.
[2] Gas, gasoline, etc.
[3] Not called for on schedule.
[4] Data not available.

# CREAMERY BUTTER

[A preliminary report for this industry was issued December 17, 1940]

**Description of the industry.**—The establishments in this industry are engaged primarily in the manufacture of creamery butter. Separating stations operated on the premises of butter factories are included in this industry. The operation of milk and cream purchasing stations and the production of butter on farms are not considered as manufacturing industries. Processed butter is classified as a product of the "Special dairy products" industry.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1904 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 3,506 | 17,953 | $18,378,544 | $418,751,847 | $492,221,462 | $73,469,615 | 43,294 |
| 1937 | 3,716 | 19,437 | 19,619,024 | 510,114,395 | 589,766,818 | 79,652,423 | (5) |
| 1935 | 3,458 | 18,434 | 17,516,071 | 423,163,407 | 501,215,604 | 78,052,197 | (5) |
| 1933 | 3,166 | 16,498 | 15,061,646 | 316,842,997 | 385,512,135 | 68,669,138 | (5) |
| 1931 | 3,367 | 15,667 | 18,622,665 | 393,227,501 | 463,472,108 | 70,244,607 | (5) |
| 1929 | 3,527 | 19,097 | 24,197,840 | 635,873,586 | 746,417,620 | 110,544,034 | 43,324 |
| 1927 | 3,519 | 20,096 | 25,532,586 | 637,336,685 | 739,010,876 | 101,674,191 | 45,295 |
| 1925 | 3,493 | 17,758 | 22,262,579 | 603,396,954 | 683,593,193 | 80,196,239 | (5) |
| 1923 | 3,653 | 20,312 | 24,950,293 | 549,557,934 | 640,474,294 | 90,916,360 | (5) |
| 1921 | 3,444 | 18,506 | 22,928,884 | 407,501,391 | 479,723,555 | 72,222,164 | (5) |
| 1919 | 3,738 | 17,641 | 18,852,729 | 514,345,739 | 583,163,011 | 68,817,272 | 53,775 |
| 1914 | 4,356 | 14,149 | 10,119,478 | 212,546,847 | 243,379,371 | 30,832,524 | 75,718 |
| 1909 | 4,783 | 11,563 | 7,241,253 | 169,646,441 | 194,999,198 | 25,352,757 | (6) |
| 1904 [7] | 5,235 | 9,530 | 5,405,872 | 101,290,711 | 118,520,999 | 17,230,288 | 75,953 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.
[7] No comparable figures for 1899. See table 1, footnote 7, p. 85.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Arkansas | California | Colorado | Georgia | Idaho | Illinois | Indiana | Iowa | Kansas |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 3,506 | 11 | 65 | 49 | 6 | 53 | 104 | 91 | 452 | 84 |
| Proprietors and firm members | 2,667 | 8 | 30 | 27 | 1 | 32 | 91 | 46 | 385 | 62 |
| Persons reported by manufacturing establishments, total [2] | 28,774 | 76 | 1,048 | 598 | 51 | 647 | 1,302 | 1,466 | 2,577 | 1,405 |
| Salaried officers of corporations [2] | 562 | 2 | 15 | 23 | 5 | 11 | 26 | 30 | 28 | 16 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 5,081 | 15 | 155 | 93 | 14 | 143 | 248 | 267 | 529 | 234 |
| Wage earners (average for the year) [3] | 17,953 | 51 | 731 | 310 | 30 | 426 | 783 | 925 | 1,701 | 889 |
| Distribution | 4,589 | 8 | 135 | 164 | 2 | 56 | 235 | 230 | 291 | 256 |
| Construction | 306 | ---------- | 5 | ---------- | ---------- | 10 | 7 | 11 | 18 | 8 |
| Other | 283 | ---------- | 7 | 8 | ---------- | 1 | 3 | 3 | 10 | 2 |
| Salaries and wages, total [2] | $32,907,473 | $60,555 | $1,518,193 | $726,516 | $61,083 | $720,351 | $1,646,524 | $1,696,224 | $2,792,791 | $1,378,860 |
| Salaried officers [2] | 1,821,807 | 3,550 | 51,303 | 85,150 | 10,715 | 43,487 | 104,622 | 112,332 | 66,820 | 53,986 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 6,569,377 | 13,008 | 265,677 | 136,757 | 21,194 | 179,672 | 364,459 | 330,168 | 616,740 | 303,570 |
| Wages | 18,378,544 | 39,496 | 979,871 | 289,152 | 22,425 | 423,033 | 851,541 | 932,245 | 1,743,654 | 740,485 |
| Distribution | 5,519,598 | 4,501 | 205,529 | 207,960 | 6,749 | 64,591 | 313,556 | 299,850 | 334,917 | 265,083 |
| Construction | 316,695 | ---------- | 9,759 | 2,272 | ---------- | 8,409 | 8,772 | 13,954 | 18,809 | 13,551 |
| Other | 301,452 | ---------- | 6,054 | 5,225 | ---------- | 1,159 | 3,574 | 7,675 | 11,851 | 2,185 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 418,751,847 | 1,096,925 | 18,237,337 | 5,192,349 | 443,346 | 9,376,673 | 16,980,815 | 16,646,940 | 53,348,381 | 17,896,749 |
| Materials, supplies, and containers | 410,617,230 | 1,072,105 | 17,832,831 | 5,034,113 | 432,673 | 9,162,977 | 16,727,783 | 16,297,318 | 52,610,576 | 17,663,378 |
| Fuel | 4,334,783 | 9,667 | 236,197 | 57,970 | 2,059 | 132,749 | 92,478 | 157,417 | 390,022 | 115,895 |
| Purchased electric energy | 3,630,917 | 15,153 | 168,309 | 95,745 | 8,614 | 80,947 | 160,554 | 143,752 | 337,219 | 117,476 |
| Contract work | 168,917 | ---------- | ---------- | 4,521 | ---------- | ---------- | ---------- | 48,453 | 10,554 | ---------- |
| Value of products | 492,221,462 | 1,227,066 | 21,895,490 | 6,627,153 | 520,599 | 11,080,528 | 20,288,186 | 20,688,002 | 60,380,974 | 21,062,944 |
| Value added by manufacture [4] | 73,469,615 | 130,141 | 3,658,153 | 1,434,804 | 77,253 | 1,703,855 | 3,307,371 | 4,041,062 | 7,032,593 | 3,166,195 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Kentucky | Louisiana | Michigan | Minnesota | Mississippi | Missouri | Montana | Nebraska | Nevada | New Mexico |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 19 | 5 | 179 | 820 | 11 | 75 | 71 | 106 | 5 | 5 |
| Proprietors and firm members | 6 | 2 | 132 | 764 | 4 | 39 | 59 | 63 | 4 | 4 |
| Persons reported by manufacturing establishments, total [2] | 398 | 97 | 1,517 | 3,420 | 168 | 1,428 | 388 | 1,221 | 82 | 57 |
| Salaried officers of corporations [2] | 4 | 3 | 32 | 47 | 4 | 42 | 19 | 15 | | |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 67 | 4 | 274 | 684 | 29 | 269 | 75 | 254 | 9 | 7 |
| Wage earners (average for the year) [3] | 240 | 20 | 867 | 2,389 | 101 | 857 | 213 | 747 | 57 | 42 |
| Distribution | 67 | 70 | 308 | 259 | 34 | 240 | 78 | 171 | 13 | 8 |
| Construction | 10 | | 19 | 14 | | 7 | 2 | 14 | 3 | |
| Other | 10 | | 17 | 27 | | 13 | 1 | 20 | | |
| Salaries and wages, total [2] | $452,883 | $134,887 | $1,653,820 | $3,899,500 | $137,213 | $1,686,012 | $452,583 | $1,371,596 | $117,665 | $62,273 |
| Salaried officers [2] | 15,653 | 13,338 | 98,871 | 169,416 | 7,080 | 145,533 | 59,735 | 55,551 | | |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 112,343 | 7,040 | 329,272 | 741,979 | 40,005 | 386,499 | 90,388 | 332,310 | 13,955 | 9,296 |
| Wages | 218,744 | 20,259 | 863,712 | 2,661,953 | 68,963 | 797,359 | 210,866 | 772,519 | 60,058 | 35,908 |
| Distribution | 84,325 | 94,250 | 317,542 | 296,598 | 21,165 | 333,861 | 86,704 | 182,163 | 39,031 | 17,069 |
| Construction | 7,572 | | 34,592 | 12,868 | | 11,433 | 1,885 | 15,036 | 4,621 | |
| Other | 14,246 | | 9,831 | 16,686 | | 11,327 | 3,005 | 14,017 | | |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 4,549,891 | 669,790 | 21,807,848 | 69,353,113 | 1,588,032 | 20,175,253 | 3,309,675 | 17,561,144 | 789,746 | 796,609 |
| Materials, supplies, and containers | 4,463,725 | 650,766 | 21,415,773 | 68,198,844 | 1,554,844 | 19,837,958 | 3,215,174 | 17,162,098 | 777,126 | 784,274 |
| Fuel | 39,144 | 5,889 | 208,789 | 700,448 | 12,612 | 163,221 | 36,304 | 184,478 | 6,256 | 5,768 |
| Purchased electric energy | 47,022 | 13,135 | 157,343 | 451,258 | 20,576 | 174,074 | 58,141 | 182,385 | 6,364 | 6,567 |
| Contract work | | | 25,943 | 2,563 | | | 56 | 32,183 | | |
| Value of products | 5,566,260 | 842,314 | 25,489,401 | 78,029,290 | 1,928,647 | 23,993,302 | 4,248,762 | 21,133,891 | 946,776 | 927,100 |
| Value added by manufacture [4] | 1,016,369 | 172,524 | 3,681,553 | 8,676,177 | 340,615 | 3,818,049 | 939,087 | 3,572,747 | 157,030 | 130,491 |

| ITEM | New York | North Carolina | North Dakota | Ohio | Oklahoma | Oregon | Pennsylvania | South Carolina | South Dakota |
|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 41 | 11 | 98 | 121 | 52 | 75 | 52 | 3 | 107 |
| Proprietors and firm members | 22 | 7 | 78 | 74 | 29 | 66 | 44 | 5 | 89 |
| Persons reported by manufacturing establishments, total [2] | 299 | 78 | 774 | 1,922 | 970 | 595 | 204 | 11 | 595 |
| Salaried officers of corporations [2] | 22 | 6 | 11 | 33 | 15 | 13 | 1 | 1 | 9 |
| Manufacturing: | | | | | | | | | |
| Salaried employees [2] | 52 | 16 | 152 | 291 | 143 | 103 | 34 | 3 | 130 |
| Wage earners (average for the year) [3] | 158 | 34 | 438 | 1,117 | 573 | 346 | 138 | 6 | 367 |
| Distribution | 56 | 22 | 139 | 387 | 200 | 111 | 31 | 1 | 84 |
| Construction | 9 | | 20 | 22 | 31 | 10 | | | 3 |
| Other | 2 | | 14 | 72 | 8 | 12 | | | 2 |
| Salaries and wages, total [2] | $399,479 | $79,126 | $800,052 | $2,432,010 | $979,954 | $776,201 | $255,257 | $9,744 | $596,057 |
| Salaried officers [2] | 47,029 | 12,128 | 58,040 | 141,820 | 39,619 | 37,446 | 15,000 | 1,980 | 22,834 |
| Manufacturing: | | | | | | | | | |
| Salaries [2] | 78,263 | 17,366 | 205,286 | 416,222 | 204,233 | 138,362 | 59,052 | 3,453 | 156,755 |
| Wages | 174,440 | 30,255 | 377,308 | 1,231,781 | 498,309 | 406,027 | 149,055 | 3,999 | 329,610 |
| Distribution | 88,139 | 19,377 | 140,199 | 554,846 | 197,881 | 174,221 | 32,150 | 312 | 82,820 |
| Construction | 9,705 | | 7,480 | 32,509 | 30,402 | 6,469 | | | 772 |
| Other | 1,903 | | 11,739 | 54,832 | 9,510 | 13,676 | | | 3,266 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 3,670,798 | 544,376 | 11,217,439 | 20,112,769 | 11,072,511 | 6,688,618 | 2,741,684 | 108,670 | 8,636,805 |
| Materials, supplies, and containers | 3,568,286 | 527,676 | 11,033,463 | 19,718,211 | 10,913,737 | 6,508,107 | 2,677,626 | 106,013 | 8,453,420 |
| Fuel | 67,619 | 4,853 | 86,477 | 207,522 | 67,351 | 80,728 | 30,383 | 834 | 76,219 |
| Purchased electric energy | 34,713 | 11,847 | 88,168 | 186,547 | 91,423 | 88,538 | 33,675 | 1,823 | 92,885 |
| Contract work | 180 | | 9,331 | 489 | | 11,245 | | | 14,281 |
| Value of products | 4,740,460 | 660,862 | 12,894,964 | 24,895,534 | 13,162,718 | 8,097,827 | 3,615,553 | 129,746 | 10,369,240 |
| Value added by manufacture [4] | 1,069,662 | 116,486 | 1,677,525 | 4,782,765 | 2,090,207 | 1,409,209 | 873,869 | 21,076 | 1,732,435 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Tennessee | Texas | Utah | Vermont | Virginia | Washington | Wisconsin | Wyoming | Other States [5] |
|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 32 | 66 | 26 | 15 | 24 | 109 | 418 | 23 | 22 |
| Proprietors and firm members | 16 | 32 | 11 | 6 | 2 | 66 | 322 | 33 | 6 |
| Persons reported by manufacturing establishments, total [2] | 278 | 979 | 234 | 49 | 227 | 1,048 | 2,296 | 74 | 195 |
| Salaried officers of corporations [2] | 6 | 18 | 9 | 2 | 6 | 39 | 37 | 2 | 10 |
| Manufacturing: | | | | | | | | | |
| Salaried employees [2] | 50 | 134 | 42 | 10 | 45 | 160 | 314 | 11 | 21 |
| Wage earners (average for the year) [2] | 203 | 600 | 142 | 35 | 108 | 564 | 1,593 | 42 | 110 |
| Distribution | 16 | 163 | 40 | 1 | 66 | 267 | 315 | 18 | 47 |
| Construction | 3 | 37 | 1 | ---------- | 1 | 6 | 32 | ---------- | 3 |
| Other | ---------- | 27 | ---------- | 1 | 1 | 12 | 5 | 1 | 4 |
| Salaries and wages, total [2] | $268,112 | $931,803 | $262,930 | $54,815 | $248,665 | $1,380,305 | $2,524,164 | $87,443 | $251,827 |
| Salaried officers [2] | 12,300 | 46,198 | 24,798 | 5,120 | 23,132 | 97,726 | 106,061 | 6,300 | 27,134 |
| Manufacturing: | | | | | | | | | |
| Salaries [2] | 75,163 | 163,732 | 50,629 | 11,806 | 54,465 | 236,268 | 356,250 | 13,940 | 33,800 |
| Wages | 154,352 | 476,199 | 126,484 | 35,863 | 89,719 | 691,811 | 1,693,051 | 43,437 | 134,601 |
| Distribution | 24,812 | 157,800 | 53,970 | 1,820 | 79,371 | 324,339 | 342,293 | 22,892 | 46,912 |
| Construction | 1,485 | 22,852 | 7,049 | ---------- | 1,208 | 11,021 | 18,230 | ---------- | 3,980 |
| Other | ---------- | 65,022 | ---------- | 206 | 770 | 19,140 | 8,279 | 874 | 5,400 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 3,779,144 | 9,194,450 | 2,775,799 | 622,463 | 1,377,544 | 10,233,779 | 42,760,843 | 770,557 | 2,622,982 |
| Materials, supplies, and containers | 3,721,685 | 8,998,585 | 2,698,917 | 600,608 | 1,331,945 | 9,903,027 | 41,648,182 | 744,326 | 2,569,080 |
| Fuel | 17,924 | 65,772 | 43,381 | 9,392 | 16,479 | 189,769 | 774,656 | 10,907 | 27,144 |
| Purchased electric energy | 39,535 | 130,093 | 31,421 | 6,888 | 29,120 | 140,983 | 336,542 | 15,324 | 26,758 |
| Contract work | ---------- | ---------- | 2,080 | 5,575 | ---------- | ---------- | 1,463 | ---------- | ---------- |
| Value of products | 4,460,670 | 11,349,176 | 3,352,025 | 723,851 | 1,772,527 | 12,716,037 | 48,217,531 | 968,991 | 3,217,065 |
| Value added by manufacture [4] | 681,526 | 2,154,726 | 576,226 | 101,388 | 394,983 | 2,482,258 | 5,456,688 | 198,434 | 594,083 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Alabama, 3 establishments; Arizona, 2; Delaware, 1; Maine, 2; Maryland, 2; Massachusetts, 3; New Jersey, 1; West Virginia, 8.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Creamery Butter industry, all products, total value | $492,221,462 | $589,766,818 | $746,417,620 |
| Butter (creamery and whey) | 424,875,823 | 527,149,456 | [3] 746,417,620 |
| Miscellaneous products | [1] 4,612,464 | | |
| Other products (not classified in this industry) | [2] 47,797,886 | 62,508,468 | |
| Merchandise (goods bought and sold without processing) | 14,896,051 | | |
| Receipts for contract work | 39,238 | 108,894 | |
| Butter (creamery and whey), total value | 443,787,800 | 544,075,017 | 706,841,901 |
| Made in the "Creamery butter" industry | 424,875,823 | 527,149,456 | [3] 706,841,901 |
| Made as secondary products in other industries | 18,911,977 | 16,925,561 | |

[1] Includes value of buttermilk sold, $2,245,873; skim milk sold, $971,005; whey cream sold, $219,045.
[2] Value of natural and processed cheese, condensed and evaporated milk, casein, ice-cream mix, ice cream and ices, ice (made for sale), dressed poultry, frozen eggs.
[3] Separate data not available.

TABLE 4.—PRODUCTION, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

[The differences between the production of the commodities listed in this table and similar production shown by the Agricultural Marketing Service of the U. S. Department of Agriculture in its annual report on the production of manufactured dairy products, are because of the fact that the Agricultural Marketing Service includes in its figures reports from all producers, whereas the Bureau of the Census does not include in its figures the output of any establishment which reported a production valued at less than $5,000. Also, the data of the Agricultural Marketing Service are based upon the calendar year, whereas those of the Census Bureau in some instances include reports by manufacturers on a fiscal year basis]

| PRODUCT | 1939 | | | 1937 | 1929 |
|---|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | | |
| Butter: | | | | | |
| Total pounds | 1,701,078,043 | 72,005,326 | 1,773,083,369 | 1,654,640,217 | 1,618,091,510 |
| Total value | $424,875,823 | $18,911,977 | $443,787,800 | $544,075,017 | $706,841,901 |
| Creamery butter: | | | | | |
| Pounds | 1,695,608,856 | 70,093,938 | 1,765,702,794 | 1,650,904,629 | 1,616,435,674 |
| Value | $423,655,610 | $18,425,107 | $442,080,717 | $542,926,483 | $706,373,384 |
| Whey butter (made from whey cream): | | | | | |
| Pounds | 5,469,187 | 1,911,388 | 7,380,575 | 3,735,588 | 1,655,836 |
| Value | $1,220,213 | $486,870 | $1,707,083 | $1,148,534 | $468,517 |

## TABLE 5.—PRODUCTION, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

[This table gives statistics for each State for which it is possible to publish separate figures without disclosing, exactly or approximately, the production reported by individual establishments. Some of the "Other States," however, reported larger quantities and values than some of the States shown separately. Also, see headnote to table 4]

| KIND AND STATE | Pounds | Value |
|---|---|---|
| CREAMERY BUTTER | | |
| Total | 1,765,702,794 | $442,080,717 |
| Alabama | 1,339,363 | 346,462 |
| Arkansas | 5,236,194 | 1,236,322 |
| California | 63,854,020 | 17,888,532 |
| Colorado | 22,490,421 | 5,783,791 |
| Georgia | 1,478,809 | 367,980 |
| Idaho | 34,062,434 | 9,017,975 |
| Illinois | 77,396,335 | 19,380,516 |
| Indiana | 68,567,563 | 17,110,731 |
| Iowa | 233,450,446 | 57,894,633 |
| Kansas | 79,850,954 | 19,108,143 |
| Kentucky | 21,418,299 | 5,332,424 |
| Louisiana | 1,811,242 | 471,584 |
| Massachusetts | 168,220 | 51,615 |
| Michigan | 89,029,474 | 22,636,073 |
| Minnesota | 295,841,807 | 72,930,032 |
| Mississippi | 6,033,918 | 1,570,981 |
| Missouri | 85,663,520 | 20,949,513 |
| Montana | 12,336,609 | 3,189,002 |
| Nebraska | 80,767,889 | 19,307,959 |
| Nevada | 2,320,093 | 660,115 |
| New Mexico | 3,462,045 | 847,880 |
| New York | 15,983,900 | 4,110,316 |
| North Carolina | 2,176,630 | 605,281 |
| CREAMERY BUTTER—continued | | |
| North Dakota | 50,740,591 | $11,917,424 |
| Ohio | 83,808,910 | 21,746,280 |
| Oklahoma | 50,664,167 | 11,967,530 |
| Oregon | 30,377,581 | 8,069,633 |
| Pennsylvania | 13,885,852 | 3,668,152 |
| South Carolina | 517,205 | 129,411 |
| South Dakota | 41,098,678 | 9,621,562 |
| Tennessee | 17,308,774 | 4,289,544 |
| Texas | 38,791,999 | 9,603,814 |
| Utah | 10,959,245 | 2,925,690 |
| Vermont | 2,468,401 | 744,066 |
| Virginia | 6,487,666 | 1,623,366 |
| Washington | 36,052,429 | 9,797,588 |
| West Virginia | 2,567,463 | 648,469 |
| Wisconsin | 167,531,972 | 42,554,391 |
| Wyoming | 3,000,382 | 789,296 |
| Other States | 4,701,294 | 1,186,641 |
| WHEY BUTTER | | |
| Total | 7,380,575 | 1,707,083 |
| Idaho | 196,128 | 49,137 |
| New York | 129,289 | 31,338 |
| Wisconsin | 5,323,135 | 1,305,539 |
| Other States | 1,732,023 | 321,069 |

## TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 17,953 | 16,700 | 16,722 | 17,053 | 17,659 | 18,510 | 19,166 | 19,183 | 18,924 | 18,383 | 17,605 | 17,940 | 17,592 |
| 1937 | 19,437 | 17,907 | 17,967 | 18,322 | 19,198 | 20,563 | 21,249 | 21,226 | 20,924 | 20,022 | 19,028 | 18,586 | 18,256 |
| 1929 | 19,097 | 17,425 | 17,466 | 17,927 | 18,901 | 19,840 | 20,760 | 20,811 | 20,419 | 19,744 | 19,140 | 18,550 | 18,184 |
| Alabama | 13 | 9 | 11 | 12 | 14 | 15 | 16 | 16 | 16 | 16 | 14 | 12 | 10 |
| Arkansas | 51 | 56 | 55 | 46 | 48 | 52 | 52 | 53 | 55 | 51 | 45 | 47 | 53 |
| California | 731 | 675 | 680 | 716 | 754 | 760 | 770 | 780 | 778 | 752 | 711 | 696 | 697 |
| Colorado | 310 | 277 | 282 | 283 | 298 | 327 | 351 | 354 | 345 | 325 | 283 | 292 | 300 |
| Georgia | 30 | 30 | 31 | 32 | 29 | 30 | 29 | 30 | 30 | 29 | 29 | 29 | 29 |
| Idaho | 426 | 393 | 396 | 408 | 417 | 434 | 449 | 442 | 463 | 445 | 415 | 425 | 431 |
| Illinois | 783 | 745 | 746 | 732 | 766 | 808 | 856 | 856 | 851 | 821 | 766 | 725 | 721 |
| Indiana | 925 | 876 | 875 | 876 | 897 | 954 | 977 | 979 | 972 | 957 | 942 | 898 | 893 |
| Iowa | 1,701 | 1,601 | 1,594 | 1,624 | 1,666 | 1,735 | 1,809 | 1,812 | 1,796 | 1,746 | 1,726 | 1,662 | 1,642 |
| Kansas | 889 | 768 | 769 | 832 | 903 | 922 | 929 | 908 | 860 | 838 | 816 | 1,089 | 1,033 |
| Kentucky | 240 | 244 | 245 | 237 | 235 | 233 | 243 | 252 | 254 | 248 | 235 | 225 | 227 |
| Louisiana | 20 | 18 | 16 | 16 | 20 | 20 | 22 | 22 | 23 | 22 | 20 | 19 | 19 |
| Massachusetts | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| Michigan | 867 | 831 | 827 | 806 | 833 | 878 | 927 | 938 | 931 | 898 | 857 | 842 | 836 |
| Minnesota | 2,389 | 2,300 | 2,307 | 2,325 | 2,352 | 2,414 | 2,493 | 2,486 | 2,456 | 2,402 | 2,362 | 2,384 | 2,383 |
| Mississippi | 101 | 96 | 96 | 98 | 110 | 117 | 115 | 108 | 100 | 98 | 91 | 90 | 93 |
| Missouri | 857 | 786 | 777 | 806 | 843 | 938 | 983 | 955 | 938 | 892 | 817 | 786 | 764 |
| Montana | 213 | 196 | 195 | 201 | 210 | 220 | 231 | 239 | 233 | 220 | 211 | 204 | 197 |
| Nebraska | 747 | 696 | 692 | 696 | 730 | 798 | 819 | 807 | 783 | 764 | 729 | 729 | 721 |
| Nevada | 57 | 52 | 51 | 50 | 51 | 53 | 61 | 65 | 68 | 62 | 59 | 59 | 56 |
| New Mexico | 42 | 40 | 40 | 41 | 39 | 41 | 45 | 44 | 45 | 45 | 45 | 43 | 42 |
| New York | 158 | 138 | 148 | 149 | 159 | 166 | 178 | 189 | 172 | 159 | 149 | 147 | 143 |
| North Carolina | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 35 | 35 | 34 | 35 | 34 | 34 |
| North Dakota | 438 | 349 | 345 | 363 | 384 | 435 | 475 | 485 | 479 | 469 | 451 | 510 | 509 |
| Ohio | 1,117 | 1,032 | 1,055 | 1,064 | 1,071 | 1,130 | 1,196 | 1,209 | 1,210 | 1,184 | 1,116 | 1,074 | 1,062 |
| Oklahoma | 573 | 483 | 469 | 512 | 555 | 577 | 595 | 580 | 555 | 535 | 501 | 838 | 676 |
| Oregon | 346 | 317 | 320 | 325 | 338 | 362 | 370 | 376 | 375 | 360 | 352 | 331 | 329 |
| Pennsylvania | 138 | 143 | 141 | 125 | 127 | 140 | 145 | 148 | 146 | 143 | 134 | 133 | 130 |
| South Carolina | 6 | 8 | 8 | 6 | 6 | 6 | 5 | 5 | 5 | 7 | 6 | 6 | 6 |
| South Dakota | 367 | 338 | 339 | 347 | 363 | 388 | 406 | 410 | 397 | 381 | 350 | 346 | 344 |
| Tennessee | 203 | 192 | 189 | 188 | 194 | 203 | 212 | 216 | 221 | 217 | 197 | 202 | 208 |
| Texas | 600 | 522 | 536 | 633 | 663 | 656 | 651 | 646 | 608 | 583 | 562 | 582 | 554 |
| Utah | 142 | 141 | 137 | 138 | 138 | 145 | 147 | 147 | 146 | 150 | 138 | 139 | 137 |
| Vermont | 35 | 33 | 33 | 34 | 34 | 36 | 33 | 36 | 38 | 39 | 36 | 32 | 34 |
| Virginia | 108 | 92 | 93 | 94 | 99 | 109 | 118 | 121 | 124 | 122 | 115 | 106 | 102 |
| Washington | 564 | 533 | 525 | 530 | 563 | 594 | 609 | 607 | 612 | 596 | 551 | 523 | 523 |
| West Virginia | 20 | 19 | 19 | 19 | 19 | 19 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Wisconsin | 1,593 | 1,514 | 1,526 | 1,543 | 1,581 | 1,643 | 1,673 | 1,682 | 1,660 | 1,629 | 1,601 | 1,547 | 1,518 |
| Wyoming | 42 | 41 | 40 | 39 | 40 | 43 | 44 | 45 | 46 | 44 | 44 | 41 | 41 |

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 3,506 |
| Reporting expenditures for plant and equipment | 2,149 |
| Value of products: | |
| Total for the industry | $492,221,462 |
| Reporting expenditures for plant and equipment | 365,819,472 |
| Expenditures for plant and equipment: | |
| Total for the industry | 7,614,998 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 1,665,398 |
| Expenditures for new machinery and operating equipment | 5,101,925 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 606,765 |
| Expenditures unclassified | 240,910 |

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $17,286,686 | $18,739,638 |
| Finished products | 10,737,426 | 12,739,416 |
| Materials, supplies, etc | 6,549,260 | 6,000,222 |
| End of year, total | 19,140,738 | 19,013,689 |
| Finished products | 12,093,695 | 12,718,301 |
| Materials, supplies, etc | 7,047,043 | 6,295,388 |
| Value of products for the industry, total | 492,221,462 | 589,766,818 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 480,481,073 | 467,419,078 |
| Value for establishments not reporting inventories | 11,740,389 | 122,347,740 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 3,506 | 3,527 |
| Number of establishments reporting power equipment | 3,494 | 3,443 |
| Prime movers, aggregate: | | |
| Number | 931 | 1,762 |
| Horsepower | 43,294 | 43,324 |
| Prime movers, driving generators, total— | | |
| Number | 121 | [1] 1,762 |
| Horsepower | 17,351 | [1] 43,324 |
| Steam engines— | | |
| Number | 72 | [1] 1,371 |
| Horsepower | 11,514 | [1] 38,115 |
| Steam turbines— | | |
| Number | 4 | [1] 193 |
| Horsepower | 450 | [1] 1,583 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929—Continued

| | 1939 | 1929 |
|---|---|---|
| Prime movers—Continued. | | |
| Prime movers, driving generators—Continued. | | |
| Diesel and semi-Diesel engines— | | |
| Number | 34 | [1] 176 |
| Horsepower | 4,356 | [1] 3,390 |
| Other internal-combustion engines [2]— | | |
| Number | 10 | |
| Horsepower | 986 | |
| Hydroturbines and water wheels— | | |
| Number | 1 | [1] 22 |
| Horsepower | 45 | [1] 236 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 2,037 | |
| Prime movers not driving generators, total— | | |
| Number | 810 | |
| Horsepower | 25,943 | |
| Steam engines— | | |
| Number | 589 | |
| Horsepower | 20,545 | |
| Steam turbines— | | |
| Number | 87 | |
| Horsepower | 599 | (3) |
| Diesel and semi-Diesel engines— | | |
| Number | 37 | |
| Horsepower | 1,524 | |
| Other internal-combustion engines [2]— | | |
| Number | 93 | |
| Horsepower | 3,140 | |
| Hydroturbines and water wheels— | | |
| Number | 4 | |
| Horsepower | 135 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 2,520 | |
| Generators, kilowatt rating, total | 10,787 | 4,981 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 7,164 | |
| Steam turbines, kilowatt rating | 330 | |
| Diesel and semi-Diesel engines, kilowatt rating | 2,700 | (3) |
| Other internal-combustion engines,[2] kilowatt rating | 563 | |
| Hydroturbines and water wheels, kilowatt rating | 30 | |
| Generators, ordinarily idle (included above), kilowatt rating | 1,267 | (4) |
| Electric motors, total: | | |
| Number | 43,707 | 24,091 |
| Horsepower | 181,889 | 126,030 |
| Driven by purchased energy— | | |
| Number | 41,705 | 22,974 |
| Horsepower | 173,698 | 121,089 |
| Driven by energy generated in establishments reporting— | | |
| Number | 2,002 | 1,117 |
| Horsepower | 8,191 | 4,941 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 14,061,016 | (4) |
| Sold | 676,054 | (3) |
| Purchased | 169,892,810 | 141,195,463 |

[1] Includes data for prime movers not driving generators.
[2] Gas, gasoline, etc.
[3] Not called for on schedule.
[4] Data not available.

# CHEESE

[A preliminary report for this industry was issued December 21, 1940]

**Description of the industry.**—This industry embraces establishments which are primarily engaged in the manufacture of natural cheese, and which may on the same premises produce processed cheese. The manufacture of processed cheese from purchased natural cheese is included in the "Special dairy products" industry.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1904 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 2,682 | 5,009 | $5,155,715 | $91,440,315 | $108,207,060 | $16,766,745 | 8,466 |
| 1937 | 2,567 | 4,482 | 4,359,205 | 95,672,125 | 112,785,898 | 17,113,773 | (5) |
| 1935 | 2,573 | 4,344 | 3,935,786 | 84,122,266 | 98,949,723 | 14,827,457 | (5) |
| 1933 | 2,157 | 3,141 | 2,910,317 | 46,791,409 | 57,333,899 | 10,542,490 | (5) |
| 1931 | 2,371 | 2,964 | 3,563,997 | 54,081,376 | 68,072,251 | 13,990,875 | (5) |
| 1929 | 2,758 | 3,401 | 4,588,067 | 92,727,217 | 110,644,732 | 17,917,515 | 15,701 |
| 1927 | 2,738 | 3,520 | 4,897,205 | 100,787,583 | 118,447,757 | 17,660,174 | 15,612 |
| 1925 | 2,935 | 3,398 | 4,320,459 | 103,568,606 | 118,677,894 | 15,109,288 | (5) |
| 1923 | 3,399 | 4,283 | 5,112,622 | 107,021,707 | 127,765,146 | 20,743,439 | (5) |
| 1921 | 2,789 | 3,498 | 4,424,410 | 69,118,354 | 81,879,621 | 12,761,267 | (5) |
| 1919 | 3,530 | 3,997 | 4,808,991 | 129,425,265 | 143,455,704 | 14,030,439 | 22,621 |
| 1914 | 3,082 | 2,908 | 2,065,684 | 46,758,685 | 51,744,779 | 4,986,094 | 18,802 |
| 1909 | 3,560 | 2,704 | 1,669,862 | 39,021,766 | 44,263,177 | 5,241,411 | (5) |
| 1904 [7] | 3,610 | 2,652 | 1,493,906 | 25,256,612 | 29,138,100 | 3,881,488 | 10,288 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.
[7] For census years prior to 1904, the "Creamery butter," "Cheese," and "Condensed and evaporated milk" industries were treated as one industry. Therefore, separate figures for each are not available.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Alabama | Arkansas | California | Colorado | Idaho | Illinois | Indiana | Iowa | Kansas | Kentucky |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 2,682 | 3 | 9 | 37 | 11 | 28 | 113 | 34 | 20 | 17 | 14 |
| Proprietors and firm members | 2,339 | 1 | 3 | 27 | 5 | 11 | 116 | 17 | 17 | 6 | 1 |
| Persons reported by manufacturing establishments, total [2] | 6,152 | 15 | 39 | 360 | 39 | 78 | 479 | 327 | 25 | 119 | 89 |
| Salaried officers of corporations [2] | 79 | 1 | | 9 | 2 | 1 | 5 | 7 | 1 | 5 | |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 663 | 3 | 4 | 51 | 3 | 8 | 65 | 48 | 5 | 16 | 16 |
| Wage earners (average for the year) [3] | 5,009 | 9 | 34 | 274 | 28 | 68 | 385 | 234 | 18 | 82 | 70 |
| Distribution | 352 | 2 | 1 | 22 | 4 | | 22 | 35 | 1 | 4 | 3 |
| Construction | 26 | | | 4 | | 1 | | 3 | | 1 | |
| Other | 23 | | | | 2 | | 2 | | | 11 | |
| Salaries and wages, total [2] | $6,787,707 | $14,308 | $36,165 | $552,456 | $42,661 | $88,262 | $567,230 | $350,628 | $23,951 | $110,000 | $81,057 |
| Salaried officers [2] | 272,728 | 2,260 | | 39,451 | 4,920 | 1,380 | 32,622 | 8,773 | 3,156 | 10,577 | |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 901,199 | 3,078 | 5,804 | 96,667 | 5,200 | 10,562 | 91,696 | 79,109 | 3,343 | 16,098 | 20,600 |
| Wages | 5,155,715 | 7,970 | 30,114 | 370,326 | 27,697 | 75,240 | 408,399 | 210,816 | 17,302 | 70,072 | 57,524 |
| Distribution | 410,228 | 1,000 | 247 | 36,908 | 3,750 | | 32,706 | 47,866 | 150 | 2,950 | 2,933 |
| Construction | 28,347 | | | 9,104 | | 1,080 | 197 | 4,064 | | 1,074 | |
| Other | 19,490 | | | | 1,094 | | 1,610 | | | 9,229 | |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 91,440,315 | 148,756 | 298,691 | 3,291,814 | 385,825 | 1,203,038 | 5,842,450 | 2,530,891 | 404,252 | 1,059,225 | 604,696 |
| Materials, supplies, and containers | 89,386,179 | 143,371 | 288,218 | 3,213,930 | 374,822 | 1,176,538 | 5,716,987 | 2,433,084 | 393,409 | 1,029,075 | 584,487 |
| Fuel | 1,381,178 | 1,903 | 5,108 | 48,076 | 6,341 | 21,517 | 74,677 | 54,889 | 7,493 | 17,102 | 10,128 |
| Purchased electric energy | 664,486 | 3,482 | 5,365 | 29,808 | 4,662 | 4,983 | 50,786 | 42,692 | 2,580 | 13,048 | 10,081 |
| Contract work | 8,472 | | | | | | | 226 | 770 | | |
| Value of products | 108,207,060 | 192,685 | 378,408 | 4,558,085 | 513,218 | 1,430,436 | 7,271,643 | 3,179,198 | 469,704 | 1,284,712 | 820,968 |
| Value added by manufacture [4] | 16,766,745 | 43,929 | 79,717 | 1,266,271 | 127,393 | 227,398 | 1,429,193 | 648,307 | 65,452 | 225,487 | 216,272 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Louisiana | Massachusetts | Michigan | Minnesota | Mississippi | Missouri | Montana | New Jersey | New York | Ohio | Oklahoma |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 3 | 7 | 49 | 50 | 14 | 32 | 6 | 4 | 166 | 53 | 9 |
| Proprietors and firm members | | 3 | 37 | 54 | | 22 | 5 | 1 | 128 | 34 | 2 |
| Persons reported by manufacturing establishments, total [2] | 6 | 88 | 192 | 142 | 90 | 136 | 14 | 20 | 497 | 240 | 86 |
| Salaried officers of corporations [2] | | 3 | | 1 | | | | | 10 | 5 | 1 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 2 | 5 | 22 | 16 | 19 | 21 | 3 | 1 | 69 | 27 | 19 |
| Wage earners (average for the year) [2] | 4 | 42 | 150 | 91 | 71 | 95 | 11 | 18 | 407 | 176 | 50 |
| Distribution | | 38 | 15 | 33 | | 20 | | 1 | 10 | 29 | 9 |
| Construction | | | 3 | | | | | | | | 7 |
| Other | | | 2 | 1 | | | | | 1 | 3 | |
| Salaries and wages, total [2] | $5,981 | $163,916 | $168,928 | $140,615 | $79,927 | $116,247 | $14,810 | $20,897 | $575,998 | $296,565 | $87,881 |
| Salaried officers [2] | | 40,000 | | 2,483 | | | | | 29,900 | 18,136 | 4,590 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 1,574 | 5,921 | 20,680 | 16,652 | 17,343 | 20,533 | 3,690 | 2,340 | 84,693 | 51,161 | 27,788 |
| Wages | 4,407 | 53,643 | 133,746 | 89,515 | 62,584 | 82,376 | 11,120 | 17,557 | 445,527 | 197,232 | 47,736 |
| Distribution | | 64,352 | 13,158 | 31,350 | | 13,338 | | 1,000 | 15,705 | 24,440 | 6,495 |
| Construction | | | 891 | | | | | | | | 1,272 |
| Other | | | 453 | 615 | | | | | 173 | 5,596 | |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 54,496 | 525,987 | 1,977,043 | 1,437,497 | 735,171 | 1,437,825 | 90,288 | 152,124 | 6,444,708 | 2,512,725 | 666,611 |
| Materials, supplies, and containers | 53,636 | 512,686 | 1,931,985 | 1,402,836 | 714,261 | 1,402,951 | 87,044 | 147,729 | 6,273,909 | 2,448,488 | 650,354 |
| Fuel | 245 | 5,058 | 30,728 | 26,120 | 9,958 | 17,384 | 2,393 | 1,500 | 113,352 | 36,618 | 7,418 |
| Purchased electric energy | 615 | 8,243 | 14,316 | 8,541 | 10,952 | 17,490 | 851 | 2,895 | 53,474 | 27,619 | 8,839 |
| Contract work | | | 14 | | | | | | 3,973 | | |
| Value of products | 73,398 | 691,011 | 2,470,772 | 1,769,694 | 932,170 | 1,695,786 | 114,602 | 215,421 | 7,774,504 | 3,116,388 | 843,396 |
| Value added by manufacture [4] | 18,902 | 165,024 | 493,729 | 332,197 | 196,999 | 257,961 | 24,314 | 63,297 | 1,329,796 | 603,663 | 176,785 |

| ITEM | Oregon | Pennsylvania | South Dakota | Tennessee | Texas | Utah | Vermont | Washington | Wisconsin | Wyoming | Other States [5] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 41 | 29 | 4 | 25 | 22 | 18 | 10 | 14 | 1,817 | 6 | 17 |
| Proprietors and firm members | 12 | 29 | 5 | 9 | 14 | 1 | 2 | 10 | 1,756 | 6 | 5 |
| Persons reported by manufacturing establishments, total [2] | 254 | 175 | 6 | 165 | 154 | 43 | 85 | 74 | 2,029 | 16 | 70 |
| Salaried officers of corporations [2] | 1 | 1 | | 8 | | | 5 | 2 | 11 | | |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 45 | 15 | | 25 | 35 | 2 | 10 | 14 | 81 | 5 | 8 |
| Wage earners (average for the year) [2] | 194 | 144 | 6 | 120 | 117 | 40 | 67 | 51 | 1,891 | 11 | 51 |
| Distribution | 11 | 15 | | 12 | 2 | | 1 | 6 | 46 | | 10 |
| Construction | 3 | | | | | | 2 | 1 | | | 1 |
| Other | | | | | | 1 | | | | | |
| Salaries and wages, total [2] | $299,993 | $177,634 | $5,689 | $153,646 | $155,486 | $46,718 | $104,809 | $103,197 | $2,102,752 | $19,457 | $79,843 |
| Salaried officers [2] | 3,300 | 2,200 | | 15,920 | | | 15,800 | 15,000 | 22,260 | | |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 77,571 | 22,064 | | 29,112 | 46,291 | 2,420 | 14,684 | 26,214 | 79,282 | 6,116 | 12,913 |
| Wages | 196,231 | 140,669 | 5,689 | 95,661 | 108,267 | 43,578 | 71,728 | 51,472 | 1,955,040 | 13,341 | 53,136 |
| Distribution | 16,183 | 12,701 | | 12,953 | 928 | | 1,489 | 9,071 | 46,170 | | 12,385 |
| Construction | 6,708 | | | | | | 1,108 | 1,440 | | | 1,409 |
| Other | | | | | | 720 | | | | | |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 3,906,144 | 1,771,986 | 139,388 | 1,791,824 | 1,969,766 | 473,001 | 739,886 | 845,724 | 47,243,931 | 210,298 | 544,254 |
| Materials, supplies, and containers | 3,859,875 | 1,713,602 | 136,719 | 1,757,785 | 1,924,810 | 462,135 | 728,234 | 827,091 | 46,286,175 | 202,668 | 507,285 |
| Fuel | 29,186 | 32,315 | 1,598 | 16,428 | 21,467 | 7,487 | 6,195 | 10,770 | 730,391 | 5,240 | 22,093 |
| Purchased electric energy | 17,083 | 26,051 | 1,071 | 17,611 | 23,489 | 3,031 | 5,457 | 7,363 | 225,878 | 1,254 | 14,876 |
| Contract work | | 18 | | | | 348 | | 500 | 1,487 | 1,136 | |
| Value of products | 4,655,568 | 2,402,286 | 164,840 | 2,168,340 | 2,412,755 | 587,352 | 990,021 | 1,073,949 | 52,900,812 | 265,481 | 789,457 |
| Value added by manufacture [4] | 749,424 | 630,300 | 25,452 | 376,516 | 442,989 | 114,351 | 250,135 | 228,225 | 5,656,881 | 55,183 | 245,203 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Connecticut, 2 establishments; Delaware, 1; District of Columbia, 2; Georgia, 2; Maryland, 5; Nebraska, 1; North Carolina, 1; South Carolina, 1; Virginia, 1; West Virginia, 1.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| "Cheese" industry, all products, total value | $108,207,060 | $112,785,898 | $110,644,732 |
| Cheese | 92,023,966 | 100,890,337 | [2] 110,644,732 |
| Byproducts of cheese manufacture (skim milk, buttermilk, and whey cream sold) | 4,907,926 | 4,961,547 | |
| Miscellaneous products and receipts for contract work | 717,327 | 6,934,014 | |
| Other products (not classified in this industry) | [1] 8,244,252 | | |
| Merchandise (goods bought and sold without processing) | 2,313,589 | | |
| Cheese, aggregate value | 107,015,219 | 117,536,666 | 112,723,361 |
| Cheese made in the "Cheese" industry | 92,023,966 | 100,890,337 | [2] 112,723,361 |
| Cheese made as secondary products in other industries | 14,991,253 | 16,646,329 | |

[1] Value of creamery butter; whey butter; condensed and evaporated milk; ice-cream and ice-milk mixes; ice cream, ices, and specialties; ice (made for sale); processed cheese.
[2] Separate data not available.

TABLE 4.—PRODUCTION OF CHEESE, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

[The differences between the production of the various kinds of cheese listed in this table and similar production shown by the Agricultural Marketing Service of the U. S. Department of Agriculture in its annual report on the production of manufactured dairy products, are because of the fact that the Agricultural Marketing Service includes in its figures reports from all producers, whereas the Bureau of the Census does not include in its figures the output of any establishment which reported a production valued at less than $5,000. Also, the figures of the Agricultural Marketing Service are based upon the calendar year, whereas those of the Census Bureau in some instances include reports by manufacturers on a fiscal year basis]

| PRODUCT | 1939 | | | 1937 | 1929 |
|---|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | | |
| Aggregate value | $92,023,966 | $14,991,253 | $107,015,219 | $117,536,666 | $112,723,361 |
| Cheese, other than cottage, pot, and bakers' [1]: | | | | | |
| Total pounds | 628,488,062 | 67,105,876 | 695,593,938 | 636,892,315 | 487,200,055 |
| Total value | $87,310,215 | $9,439,932 | $96,750,147 | $106,843,430 | $103,291,558 |
| American or Cheddar— | | | | | |
| Pounds | 471,441,839 | 57,178,448 | 528,620,287 | 479,952,992 | 375,370,989 |
| Value | $63,222,562 | $7,917,900 | $71,140,462 | $78,298,900 | $76,904,190 |
| Swiss (including block)— | | | | | |
| Pounds | (2) | (2) | 42,805,809 | 38,501,603 | 58,133,990 |
| Value | (2) | (2) | $6,967,884 | $7,032,977 | $12,075,845 |
| Brick— | | | | | |
| Pounds | 27,779,447 | 221,805 | 28,001,252 | 26,337,632 | |
| Value | $3,484,024 | $27,136 | $3,511,160 | $4,112,370 | |
| Münster— | | | | | |
| Pounds | 7,044,162 | ---------- | 7,044,162 | 6,289,156 | |
| Value | $874,589 | ---------- | $874,589 | $957,503 | |
| Limburger— | | | | | |
| Pounds | (2) | (2) | 8,856,615 | 7,695,446 | |
| Value | (2) | (2) | $1,199,151 | $1,185,937 | |
| Cream (not including cottage cheese)— | | | | | |
| Pounds | 44,146,690 | 4,925,773 | 49,072,463 | 50,034,873 | [3] 42,002,538 |
| Value | $6,936,082 | $788,692 | $7,724,774 | $10,168,208 | [3] $11,123,014 |
| Italian varieties— | | | | | |
| Pounds | 17,183,636 | 1,599,291 | 18,782,927 | 17,647,262 | 8,579,239 |
| Value | $3,000,162 | $275,932 | $3,276,094 | $3,102,839 | $1,964,118 |
| Other varieties— | | | | | |
| Pounds | 9,660,024 | 2,750,399 | 12,410,423 | 10,433,351 | 3,113,299 |
| Value | $1,693,795 | $362,238 | $2,056,033 | $1,984,696 | $1,224,391 |
| Cottage, pot, and bakers' cheese: | | | | | |
| Pounds | [3] 62,068,506 | [3] 82,632,072 | [3] 144,700,578 | [3] 139,751,330 | 100,826,242 |
| Value | [3] $4,713,751 | [3] $5,551,321 | [3] $10,265,072 | [3] $10,693,236 | $9,431,803 |

[1] Not including cheese blended or processed, data for which will be found in the report on the "Special dairy products" industry.
[2] Cannot be shown without disclosing, exactly or approximately, data reported by individual establishments. Included in figures for totals for "Aggregate value" and for "Total pounds" and "Total value" for items in question.
[3] Includes data for a small amount of Neufchatel cheese.

TABLE 5.—PRODUCTION OF CHEESE, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

[This table gives statistics for each State for which it is possible to publish separate figures without disclosing, exactly or approximately, the production reported by individual establishments. Some of the "Other States," however, reported larger quantities and values of the respective kinds of cheese than some of the States shown separately. Also see headnote to table 4]

| KIND AND STATE | Pounds | Value |
|---|---|---|
| AMERICAN OR CHEDDAR | | |
| Total | 528,620,287 | $71,140,462 |
| Alabama | 1,531,897 | 215,799 |
| Arkansas | 2,475,981 | 333,751 |
| California | 7,397,933 | 1,026,728 |
| Colorado | 2,450,155 | 335,694 |
| Idaho | 9,017,557 | 1,300,710 |
| Illinois | 29,346,093 | 3,950,602 |
| Indiana | 23,569,854 | 3,237,970 |
| Iowa | 2,767,283 | 358,779 |
| Kansas | 9,778,895 | 1,318,384 |
| Kentucky | 5,624,449 | 766,693 |
| Michigan | 12,940,339 | 1,739,352 |
| Minnesota | 11,415,552 | 1,486,118 |
| Mississippi | 8,222,377 | 1,101,669 |
| Missouri | 12,774,004 | 1,721,038 |
| Montana | 1,135,055 | 157,062 |
| Nebraska | 1,186,925 | 154,437 |
| New York | 19,404,666 | 2,719,209 |
| Ohio | 11,251,765 | 1,502,082 |
| Oklahoma | 5,042,308 | 673,013 |
| Oregon | 18,973,260 | 3,007,975 |
| Pennsylvania | 1,754,021 | 232,009 |
| South Dakota | 488,791 | 128,851 |
| Tennessee | 12,732,412 | 1,654,407 |
| Texas | 15,720,171 | 2,002,498 |
| Utah | 4,569,437 | 636,423 |
| Vermont | 669,170 | 117,910 |
| Washington | 9,001,100 | 1,299,380 |
| Wisconsin | 284,044,472 | 37,503,675 |
| Wyoming | 863,400 | 116,137 |
| Other States | 2,470,965 | 342,107 |
| SWISS (INCLUDING BLOCK) | | |
| Total | 42,805,809 | 6,967,884 |
| Idaho | 1,915,401 | 303,017 |
| Illinois | 5,227,879 | 754,862 |
| Ohio | 4,506,613 | 826,809 |
| Pennsylvania | 727,042 | 138,731 |
| Wisconsin | 28,637,587 | 4,666,712 |
| Other States | 1,791,287 | 277,753 |
| BRICK | | |
| Total | 28,001,252 | 3,511,160 |
| Illinois | 1,923,446 | 259,844 |
| Michigan | 82,336 | 11,035 |
| Wisconsin | 24,648,825 | 3,050,449 |
| Other States | 1,346,645 | 189,832 |
| MÜNSTER | | |
| Total | 7,044,162 | 874,589 |
| Wisconsin | 6,574,646 | 816,445 |
| Other States | 469,516 | 58,144 |
| LIMBURGER | | |
| Total | 8,856,615 | 1,199,151 |
| New York | 2,051,082 | 359,137 |
| Wisconsin | 6,149,552 | 752,579 |
| Other States | 655,981 | 87,435 |
| CREAM (NOT INCLUDING COTTAGE CHEESE) | | |
| Total | 49,072,463 | 7,724,774 |
| California | 1,734,633 | 334,856 |
| Massachusetts | 887,561 | 192,890 |
| New York | 20,570,575 | 3,243,602 |
| Pennsylvania | 5,943,482 | 970,214 |
| Other States | 19,936,212 | 2,983,212 |
| ITALIAN VARIETIES | | |
| Total | 18,782,927 | 3,276,094 |
| California | 1,218,645 | 161,766 |
| Illinois | 382,850 | 52,498 |
| Massachusetts | 546,855 | 111,871 |
| New York | 3,005,279 | 417,497 |
| Pennsylvania | 517,842 | 86,191 |
| Wisconsin | 9,256,954 | 1,551,357 |
| Other States | 3,854,502 | 894,914 |

TABLE 5.—PRODUCTION OF CHEESE, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939—Continued

| KIND AND STATE | Pounds | Value |
|---|---|---|
| OTHER VARIETIES | | |
| Total | 12,410,423 | $2,056,033 |
| California | 2,819,289 | 425,863 |
| Illinois | 1,567,499 | 366,970 |
| Iowa | 52,863 | 8,933 |
| Minnesota | 302,135 | 38,639 |
| New York | 1,982,838 | 337,410 |
| Pennsylvania | 1,128,140 | 123,180 |
| South Dakota | 51,078 | 4,191 |
| Washington | 340,357 | 49,244 |
| Wisconsin | 869,819 | 154,863 |
| Other States | 3,296,405 | 546,740 |
| COTTAGE, POT, AND BAKERS' CHEESE | | |
| Total | 144,700,578 | 10,265,072 |
| Arizona | 954,867 | 81,439 |
| California | 28,008,456 | 2,018,106 |
| Colorado | 1,796,079 | 104,405 |
| Idaho | 220,983 | 19,362 |
| Illinois | 2,319,697 | 179,458 |
| Indiana | 5,222,728 | 407,603 |
| Iowa | 1,560,361 | 127,736 |
| Kansas | 2,046,154 | 133,332 |
| Kentucky | 1,275,617 | 142,281 |
| Michigan | 8,636,610 | 488,213 |

TABLE 5.—PRODUCTION OF CHEESE, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939—Continued

| KIND AND STATE | Pounds | Value |
|---|---|---|
| COTTAGE, POT, AND BAKERS' CHEESE—continued | | |
| Minnesota | 3,487,487 | $280,273 |
| Missouri | 4,650,695 | 390,765 |
| Montana | 345,283 | 27,969 |
| Nebraska | 1,264,396 | 84,524 |
| New York | 25,770,541 | 1,397,563 |
| North Dakota | 115,047 | 11,300 |
| Ohio | 12,319,536 | 1,005,605 |
| Oklahoma | 1,360,568 | 94,573 |
| Oregon | 1,457,790 | 110,770 |
| Pennsylvania | 9,005,484 | 576,507 |
| South Dakota | 263,678 | 23,097 |
| Tennessee | 623,932 | 71,129 |
| Texas | 1,227,977 | 120,543 |
| Utah | 689,527 | 51,287 |
| Vermont | 9,524,076 | 687,107 |
| Virginia | 377,738 | 18,093 |
| Washington | 4,435,344 | 354,876 |
| West Virginia | 419,597 | 33,626 |
| Wisconsin | 9,924,085 | 627,048 |
| Wyoming | 105,745 | 8,865 |
| Other States | 5,290,500 | 587,617 |

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 5,009 | 4,436 | 4,467 | 4,688 | 4,998 | 5,310 | 5,538 | 5,517 | 5,413 | 5,278 | 5,072 | 4,753 | 4,642 |
| 1937 | 4,482 | 3,863 | 3,947 | 4,140 | 4,455 | 4,882 | 5,123 | 5,048 | 4,894 | 4,692 | 4,427 | 4,229 | 4,080 |
| 1929 | 3,401 | 2,891 | 2,918 | 3,059 | 3,393 | 3,688 | 3,842 | 3,866 | 3,762 | 3,579 | 3,413 | 3,266 | 3,137 |
| Alabama | 9 | 7 | 8 | 6 | 9 | 10 | 9 | 9 | 10 | 10 | 10 | 9 | 8 |
| Arkansas | 34 | 29 | 28 | 32 | 30 | 40 | 43 | 42 | 41 | 36 | 28 | 30 | 27 |
| California | 274 | 261 | 267 | 276 | 283 | 279 | 282 | 284 | 284 | 276 | 271 | 267 | 264 |
| Colorado | 28 | 26 | 27 | 28 | 26 | 29 | 30 | 30 | 30 | 29 | 27 | 26 | 26 |
| Idaho | 68 | 61 | 61 | 62 | 63 | 69 | 73 | 72 | 71 | 72 | 73 | 69 | 65 |
| Illinois | 385 | 372 | 371 | 376 | 372 | 382 | 411 | 400 | 396 | 398 | 396 | 370 | 373 |
| Indiana | 234 | 209 | 205 | 210 | 217 | 244 | 264 | 268 | 265 | 254 | 233 | 221 | 212 |
| Iowa | 18 | 17 | 17 | 17 | 18 | 19 | 19 | 19 | 19 | 19 | 19 | 18 | 18 |
| Kansas | 82 | 73 | 77 | 80 | 81 | 92 | 96 | 94 | 87 | 85 | 72 | 70 | 72 |
| Kentucky | 70 | 55 | 56 | 58 | 65 | 72 | 79 | 84 | 84 | 77 | 74 | 73 | 65 |
| Louisiana | 4 | 2 | 2 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Maryland | 23 | 23 | 23 | 23 | 23 | 23 | 26 | 26 | 27 | 23 | 21 | 21 | 21 |
| Massachusetts | 42 | 44 | 44 | 44 | 41 | 42 | 42 | 42 | 41 | 42 | 42 | 43 | 43 |
| Michigan | 150 | 130 | 126 | 133 | 136 | 159 | 186 | 169 | 168 | 159 | 153 | 146 | 136 |
| Minnesota | 91 | 80 | 81 | 86 | 93 | 95 | 99 | 96 | 93 | 95 | 92 | 91 | 90 |
| Mississippi | 71 | 58 | 56 | 59 | 72 | 80 | 83 | 83 | 82 | 86 | 76 | 62 | 60 |
| Missouri | 95 | 81 | 86 | 84 | 84 | 91 | 106 | 116 | 115 | 118 | 97 | 81 | 82 |
| Montana | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| New Jersey | 18 | 19 | 21 | 21 | 17 | 17 | 17 | 17 | 17 | 17 | 16 | 17 | 18 |
| New York | 407 | 375 | 382 | 379 | 397 | 409 | 430 | 435 | 430 | 422 | 415 | 411 | 403 |
| Ohio | 176 | 158 | 161 | 169 | 183 | 195 | 189 | 192 | 187 | 178 | 174 | 162 | 163 |
| Oklahoma | 50 | 38 | 35 | 40 | 53 | 57 | 57 | 56 | 56 | 63 | 67 | 40 | 37 |
| Oregon | 194 | 124 | 136 | 180 | 225 | 253 | 249 | 239 | 232 | 208 | 186 | 162 | 132 |
| Pennsylvania | 144 | 134 | 138 | 142 | 139 | 146 | 144 | 142 | 140 | 144 | 152 | 150 | 154 |
| South Dakota | 6 | 5 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 6 | 6 | 6 | 6 |
| Tennessee | 120 | 100 | 94 | 95 | 109 | 126 | 143 | 154 | 157 | 145 | 125 | 92 | 95 |
| Texas | 117 | 101 | 102 | 107 | 117 | 128 | 132 | 135 | 123 | 115 | 112 | 115 | 117 |
| Utah | 40 | 44 | 43 | 43 | 41 | 43 | 42 | 39 | 40 | 39 | 37 | 37 | 38 |
| Vermont | 67 | 56 | 58 | 60 | 65 | 73 | 85 | 80 | 74 | 65 | 64 | 64 | 64 |
| Washington | 51 | 46 | 48 | 48 | 52 | 54 | 59 | 59 | 61 | 53 | 48 | 44 | 45 |
| Wisconsin | 1,891 | 1,655 | 1,655 | 1,768 | 1,923 | 2,025 | 2,075 | 2,074 | 2,024 | 1,991 | 1,938 | 1,808 | 1,760 |
| Wyoming | 11 | 11 | 11 | 10 | 10 | 11 | 12 | 11 | 11 | 11 | 11 | 11 | 10 |

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 2,682 |
| Reporting expenditures for plant and equipment | 1,085 |
| Value of products: | |
| Total for the industry | $108,207,060 |
| Reporting expenditures for plant and equipment | 63,197,438 |
| Expenditures for plant and equipment: | |
| Total for the industry | 1,803,207 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 383,674 |
| Expenditures for new machinery and operating equipment | 1,149,319 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 233,351 |
| Expenditures unclassified | 36,863 |

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $3,660,762 | $2,322,518 |
| Finished products | 1,973,825 | 1,450,644 |
| Materials, supplies, etc | 1,686,937 | 871,874 |
| End of year, total | 4,017,488 | 2,430,938 |
| Finished products | 2,242,771 | 1,519,607 |
| Materials, supplies, etc | 1,774,717 | 911,331 |
| Value of products for the industry, total | 108,207,060 | 112,785,898 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 98,026,368 | 54,995,756 |
| Value for establishments not reporting inventories | 10,180,692 | 57,790,142 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 2,682 | 2,758 |
| Number of establishments reporting power equipment | 2,665 | 2,277 |
| Prime movers, aggregate: | | |
| Number | 714 | 2,022 |
| Horsepower | 8,466 | 15,701 |
| Prime movers, driving generators, total— | | |
| Number | 39 | [1] 2,022 |
| Horsepower | 1,578 | [1] 15,701 |
| Steam engines— | | |
| Number | 33 | [1] 1,522 |
| Horsepower | 1,254 | [1] 13,245 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929—Continued

| | 1939 | 1929 |
|---|---|---|
| Prime movers—Continued. | | |
| Prime movers, driving generators—Continued. | | |
| Steam turbines— | | |
| Number | 2 | [1] 179 |
| Horsepower | 139 | [1] 1,247 |
| Diesel and semi-Diesel engines— | | |
| Number | | |
| Horsepower | | [1] 318 |
| Other internal-combustion engines [2]— | | [1] 1,186 |
| Number | 4 | |
| Horsepower | 185 | |
| Hydroturbines and water wheels— | | |
| Number | | [1] 3 |
| Horsepower | | [1] 23 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 696 | |
| Prime movers not driving generators, total— | | |
| Number | 675 | |
| Horsepower | 6,888 | |
| Steam engines— | | |
| Number | 468 | |
| Horsepower | 5,879 | |
| Steam turbines— | | (3) |
| Number | 76 | |
| Horsepower | 520 | |
| Diesel and semi-Diesel engines— | | |
| Number | 5 | |
| Horsepower | 64 | |
| Other internal-combustion engines [2]— | | |
| Number | 126 | |
| Horsepower | 425 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 166 | |
| Generators, kilowatt rating, total | 1,051 | 267 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 825 | |
| Steam turbines, kilowatt rating | 103 | (3) |
| Other internal-combustion engines,[2] kilowatt rating | 123 | |
| Generators, ordinarily idle (included above), kilowatt rating | 472 | (4) |
| Electric motors, total: | | |
| Number | 12,714 | 3,305 |
| Horsepower | 24,619 | 9,221 |
| Driven by purchased energy— | | |
| Number | 12,597 | 3,233 |
| Horsepower | 24,262 | 9,038 |
| Driven by energy generated in establishments reporting— | | |
| Number | 117 | 72 |
| Horsepower | 357 | 183 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 1,101,515 | (4) |
| Purchased | 23,902,884 | 9,489,300 |

[1] Includes data for prime movers not driving generators.
[2] Gas, gasoline, etc.
[3] Not called for on schedule.
[4] Data not available.

# CONDENSED AND EVAPORATED MILK

[A preliminary report for this industry was issued December 21, 1940]

**Description of the industry.**—This industry embraces establishments primarily engaged in the manufacture of condensed and evaporated milk and related products, such as dried and powdered milk and whey and ice-cream mix.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1904 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 562 | 9,705 | $11,233,725 | $163,523,169 | $209,755,891 | $46,232,722 | 60,112 |
| 1937 | 601 | 8,967 | 9,964,387 | 166,605,892 | 210,717,581 | 44,111,689 | (5) |
| 1935 | 467 | 8,458 | 8,318,938 | 130,945,071 | 171,489,341 | 40,544,270 | (5) |
| 1933 | 436 | 6,331 | 6,100,070 | 96,698,147 | 131,086,300 | 34,388,153 | (5) |
| 1931 | 485 | 6,121 | 7,256,004 | 109,397,438 | 148,598,031 | 39,200,593 | (5) |
| 1929 | 535 | 7,065 | 8,795,629 | 163,786,818 | 209,109,700 | 45,322,882 | 45,008 |
| 1927 | 464 | 7,390 | 9,190,599 | 159,680,081 | 200,086,091 | 40,406,010 | 37,089 |
| 1925 | 402 | 7,118 | 8,390,855 | 140,040,590 | 171,246,959 | 31,206,369 | (5) |
| 1923 | 378 | 8,293 | 10,126,040 | 153,996,159 | 187,111,243 | 33,115,084 | (5) |
| 1921 | 382 | 9,462 | 10,349,257 | 132,525,397 | 176,836,931 | 44,311,534 | (5) |
| 1919 | 401 | 13,675 | 14,277,956 | 282,595,292 | 339,506,774 | 56,911,482 | 38,676 |
| 1914 | 190 | 6,002 | 3,661,919 | 55,720,103 | 69,161,000 | 13,440,897 | 18,712 |
| 1909 | 136 | 4,164 | 2,170,193 | 26,877,857 | 35,295,343 | 8,417,486 | (6) |
| 1904 [7] | 81 | 3,375 | 1,513,159 | 16,372,954 | 20,523,690 | 4,150,736 | 5,949 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1937 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.
[7] No comparable figures for 1899. See table 1, footnote 7, p. 85.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | UNITED STATES | | | | California | Illinois | Indiana | Iowa | Kansas | Kentucky |
|---|---|---|---|---|---|---|---|---|---|---|
| | Reported by establishments primarily engaged in the manufacture of— | | | Total for the industry | | | | | | |
| | Condensed milk | Evaporated milk | Other related milk products | | | | | | | |
| Number of establishments [1] | 65 | 168 | 329 | 562 | 38 | 39 | 19 | 10 | 12 | 8 |
| Proprietors and firm members | 10 | 11 | 69 | 90 | 3 | 11 | 2 | 3 | ---------- | ---------- |
| Persons reported by manufacturing establishments, total [2] | 1,012 | 6,751 | 4,629 | 12,392 | 917 | 799 | 421 | 116 | 217 | 312 |
| Salaried officers of corporations [2] | 16 | 22 | 88 | 126 | 3 | 11 | 8 | ---------- | 4 | 4 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 135 | 736 | 611 | 1,482 | 147 | 113 | 44 | 10 | 29 | 29 |
| Wage earners (average for the year) [3] | 800 | 5,586 | 3,319 | 9,705 | 709 | 626 | 305 | 99 | 159 | 215 |
| Distribution | 33 | 162 | 446 | 641 | 19 | 24 | 41 | 7 | 18 | 49 |
| Construction | 16 | 129 | 85 | 230 | 10 | 14 | 16 | ---------- | 3 | 5 |
| Other | 12 | 116 | 80 | 208 | 29 | 11 | 7 | ---------- | 4 | 10 |
| Salaries and wages, total [2] | $1,281,190 | $8,466,861 | $6,167,805 | $15,915,856 | $1,341,842 | $1,150,131 | $514,985 | $135,746 | $242,903 | $364,682 |
| Salaried officers [2] | 66,877 | 160,577 | 447,731 | 675,185 | 14,100 | 117,370 | 25,234 | ---------- | 16,500 | 17,202 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 229,151 | 1,243,218 | 981,484 | 2,453,853 | 258,187 | 207,599 | 76,449 | 17,442 | 47,179 | 46,022 |
| Wages | 912,163 | 6,582,653 | 3,738,909 | 11,233,725 | 957,626 | 737,240 | 327,639 | 113,496 | 152,334 | 242,354 |
| Distribution | 40,489 | 227,972 | 794,161 | 1,062,622 | 57,447 | 54,334 | 50,482 | 4,808 | 21,794 | 45,136 |
| Construction | 16,241 | 136,950 | 86,722 | 239,913 | 16,775 | 19,102 | 23,964 | ---------- | 2,184 | 6,430 |
| Other | 16,269 | 115,491 | 118,798 | 250,558 | 37,707 | 14,486 | 11,217 | ---------- | 2,912 | 7,448 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 15,343,674 | 107,303,677 | 40,875,818 | 163,523,169 | 14,348,061 | 11,364,926 | 6,939,282 | 1,864,750 | 2,275,526 | 3,712,089 |
| Materials, supplies, and containers | 14,696,225 | 104,880,210 | 38,135,655 | 157,712,090 | 13,891,103 | 11,056,694 | 6,744,502 | 1,806,042 | 2,195,029 | 3,637,937 |
| Fuel | 516,783 | 2,013,646 | 2,007,762 | 4,538,191 | 330,220 | 210,947 | 150,109 | 42,673 | 62,484 | 52,613 |
| Purchased electric energy | 127,873 | 409,821 | 705,715 | 1,243,409 | 126,738 | 97,285 | 44,671 | 13,383 | 18,013 | 22,139 |
| Contract work | 2,793 | ---------- | 26,686 | 29,479 | ---------- | ---------- | ---------- | 2,652 | ---------- | ---------- |
| Value of products | 20,038,986 | 135,875,041 | 53,841,864 | 209,755,891 | 17,469,959 | 14,320,747 | 8,910,695 | 2,510,189 | 3,028,566 | 5,166,294 |
| Value added by manufacture [4] | 4,695,312 | 28,571,364 | 12,966,046 | 46,232,722 | 3,121,898 | 2,955,821 | 1,971,413 | 645,439 | 753,040 | 1,453,605 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Massachusetts | Michigan | Minnesota | Mississippi | New York | Ohio | Oklahoma | Oregon | Pennsylvania |
|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 6 | 37 | 21 | 8 | 81 | 44 | 6 | 8 | 32 |
| Proprietors and firm members | 4 | 4 | 3 | 5 | 11 | 6 | 5 | 1 | 5 |
| Persons reported by manufacturing establishments, total [2] | 56 | 954 | 337 | 234 | 1,745 | 1,058 | 32 | 131 | 620 |
| Salaried officers of corporations [2] | 2 | 8 | 8 | | 16 | 15 | | 1 | 7 |
| Manufacturing: | | | | | | | | | |
| Salaried employees [2] | 9 | 106 | 47 | 24 | 190 | 121 | 4 | 21 | 76 |
| Wage earners (average for the year) [3] | 37 | 747 | 271 | 206 | 1,421 | 799 | 26 | 105 | 382 |
| Distribution | 6 | 41 | 11 | 2 | 67 | 80 | 2 | 4 | 97 |
| Construction | | 51 | | 2 | 49 | 19 | | | 6 |
| Other | 2 | 1 | | | 2 | 24 | | | 52 |
| Salaries and wages, total [2] | $86,962 | $1,112,628 | $443,006 | $221,601 | $2,204,439 | $1,450,190 | $23,499 | $167,171 | $827,046 |
| Salaried officers [2] | 15,700 | 35,463 | 18,227 | | 85,997 | 105,518 | | 1,648 | 31,934 |
| Manufacturing: | | | | | | | | | |
| Salaries [2] | 14,438 | 181,069 | 73,647 | 40,673 | 304,721 | 197,715 | 5,604 | 31,261 | 113,194 |
| Wages | 43,222 | 797,636 | 334,484 | 177,478 | 1,616,310 | 957,374 | 16,335 | 128,022 | 403,453 |
| Distribution | 12,250 | 66,131 | 15,546 | 1,370 | 156,972 | 146,134 | 1,560 | 5,539 | 178,962 |
| Construction | | 32,222 | 1,102 | 2,080 | 37,863 | 23,179 | | 701 | 11,682 |
| Other | 1,352 | 107 | | | 2,576 | 20,270 | | | 87,821 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 986,175 | 10,838,000 | 2,847,267 | 2,668,299 | 18,532,758 | 13,789,184 | 217,945 | 1,699,400 | 5,208,415 |
| Materials, supplies, and containers | 978,594 | 10,379,879 | 2,612,562 | 2,623,260 | 17,470,649 | 13,437,886 | 205,734 | 1,637,464 | 4,903,359 |
| Fuel | 3,307 | 358,119 | 196,401 | 34,836 | 833,839 | 263,820 | 7,244 | 47,968 | 196,854 |
| Purchased electric energy | 4,274 | 100,002 | 38,304 | 10,203 | 228,270 | 87,478 | 4,967 | 13,968 | 86,184 |
| Contract work | | | | | | | | | 22,018 |
| Value of products | 1,395,730 | 14,437,434 | 3,838,854 | 3,340,377 | 24,149,788 | 17,556,742 | 275,070 | 2,150,982 | 7,030,762 |
| Value added by manufacture [4] | 409,555 | 3,599,434 | 991,587 | 672,078 | 5,617,030 | 3,767,558 | 57,125 | 451,582 | 1,822,347 |

| ITEM | Tennessee | Texas | Utah | Vermont | Virginia | Washington | West Virginia | Wisconsin | Other States [5] |
|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 6 | 9 | 4 | 12 | 6 | 11 | 3 | 92 | 50 |
| Proprietors and firm members | 1 | 1 | | 2 | | 1 | | 14 | 8 |
| Persons reported by manufacturing establishments, total [2] | 314 | 209 | 124 | 120 | 140 | 262 | 10 | 2,614 | 649 |
| Salaried officers of corporations [2] | 1 | 5 | | | 2 | 4 | 1 | 23 | 3 |
| Manufacturing: | | | | | | | | | |
| Salaried employees [2] | 31 | 34 | 13 | 16 | 24 | 17 | 1 | 303 | 73 |
| Wage earners (average for the year) [3] | 258 | 161 | 109 | 96 | 99 | 234 | 8 | 2,086 | 546 |
| Distribution | 10 | 8 | | 2 | 7 | 7 | | 131 | 8 |
| Construction | 6 | | 2 | 4 | 3 | | | 28 | 12 |
| Other | 8 | 1 | | 2 | 5 | | | 43 | 7 |
| Salaries and wages, total [2] | $326,067 | $223,052 | $129,156 | $119,774 | $149,677 | $351,630 | $18,235 | $3,539,622 | $771,812 |
| Salaried officers [2] | 4,800 | 13,005 | | | 8,595 | 12,005 | 5,550 | 140,205 | 5,442 |
| Manufacturing: | | | | | | | | | |
| Salaries [2] | 48,006 | 50,159 | 19,033 | 18,380 | 38,022 | 30,489 | 3,035 | 516,223 | 115,306 |
| Wages | 250,116 | 150,487 | 105,664 | 90,736 | 84,200 | 297,531 | 9,650 | 2,612,092 | 628,246 |
| Distribution | 10,135 | 8,001 | | 3,939 | 8,834 | 11,509 | | 192,894 | 8,845 |
| Construction | 6,250 | | 4,459 | 5,194 | 4,210 | 96 | | 34,802 | 7,618 |
| Other | 6,760 | 800 | | 1,525 | 5,816 | | | 43,406 | 6,355 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 2,941,067 | 1,985,725 | 2,283,548 | 912,770 | 1,384,250 | 4,326,964 | 122,783 | 43,328,156 | 8,945,229 |
| Materials, supplies, and containers | 2,874,539 | 1,931,539 | 2,238,937 | 777,473 | 1,345,935 | 4,213,425 | 110,764 | 41,967,763 | 8,671,021 |
| Fuel | 50,972 | 40,257 | 38,639 | 109,730 | 25,728 | 84,192 | 3,494 | 1,174,814 | 218,931 |
| Purchased electric energy | 15,556 | 13,929 | 5,972 | 25,567 | 12,587 | 24,538 | 8,525 | 185,579 | 55,277 |
| Contract work | | | | | | 4,809 | | | |
| Value of products | 3,911,843 | 2,611,978 | 2,994,504 | 1,266,860 | 1,691,642 | 5,595,641 | 173,564 | 54,510,935 | 11,416,735 |
| Value added by manufacture [4] | 970,776 | 626,253 | 710,956 | 354,090 | 307,392 | 1,268,677 | 50,781 | 11,182,779 | 2,471,506 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Alabama, 2 establishments; Arizona, 1; Arkansas, 1; Colorado, 6; Connecticut, 2; Florida, 1; Idaho, 4; Louisiana, 1; Maine, 2; Maryland, 6; Missouri, 8; Montana, 1; Nebraska, 4; New Hampshire, 2; New Jersey, 1; New Mexico, 2; North Carolina, 1; North Dakota, 3; South Dakota, 1; Wyoming, 1.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

| | REPORTED FOR 1939 BY ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE OF— | | | TOTAL FOR THE INDUSTRY | | |
|---|---|---|---|---|---|---|
| | Condensed milk | Evaporated milk | Other related milk products | 1939 | 1937 | 1929 |
| "Condensed and Evaporated Milk" industry, all products, total value | $20,038,986 | $135,875,041 | $53,841,864 | $209,755,891 | $210,717,581 | $209,109,700 |
| Condensed and evaporated milk and related milk products | 16,035,595 | 124,372,392 | 41,709,544 | 182,117,531 | 192,059,605 | [2] 209,109,700 |
| Miscellaneous products and receipts for contract work | 193,610 | 3,186,141 | 3,753,503 | 7,133,254 | 18,657,976 | |
| Other products (not classified in this industry) | 1,017,237 | 4,847,643 | 5,727,304 | [1] 11,592,184 | | |
| Merchandise (goods bought and sold without processing) | 2,792,544 | 3,468,865 | 2,651,513 | 8,912,922 | | |
| Condensed and evaporated milk and related milk products, aggregate value | | | | 212,236,991 | 222,491,859 | 219,984,371 |
| Condensed and evaporated milk and related milk products made in the industry | | | | 182,117,531 | 192,059,605 | [2] 219,984,371 |
| Condensed and evaporated milk and related milk products made as secondary products in other industries | | | | 30,119,460 | 30,432,254 | |

[1] Value of creamery butter; cheese; ice cream, ices, sherbets, ice milk, and specialties; ice; malted milk powder.
[2] Separate data not available.

## TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

[The differences between the production of the various dairy products listed in this table and similar production shown by the Agricultural Marketing Service of the U. S. Department of Agriculture in its annual report on the production of manufactured dairy products, are because of the fact that the Agricultural Marketing Service includes in its figures reports from all producers, whereas the Bureau of the Census does not include in its figures the output of any establishment which reported a production valued at less than $5,000. Also, the figures of the Agricultural Marketing Service are based upon the calendar year, whereas those of the Census Bureau in some instances include reports by manufacturers on a fiscal year basis]

| PRODUCT | 1939 | | | | | | 1937 | 1929 |
|---|---|---|---|---|---|---|---|---|
| | Produced in the industry by establishments primarily engaged in the manufacture of— | | | Total for the industry | Produced in other industries | Total production | | |
| | Condensed milk | Evaporated milk | Other related milk products | | | | | |
| Aggregate value | $16,035,595 | $124,372,392 | $41,709,544 | $182,117,531 | $30,119,460 | $212,236,991 | $222,491,859 | $219,984,371 |
| Sweetened condensed milk: | | | | | | | | |
| Total pounds | 156,875,257 | 24,517,849 | 23,882,077 | 205,275,183 | 43,858,253 | 249,133,436 | 259,769,090 | 532,726,652 |
| Total value | $9,587,240 | $1,496,178 | $1,035,646 | $12,119,064 | $1,916,686 | $14,035,750 | $16,159,707 | $42,917,241 |
| Case goods, skimmed— | | | | | | | | |
| Pounds | (1) | (1) | (1) | (1) | (1) | 2,731,185 | 3,065,550 | |
| Value | (1) | (1) | (1) | (1) | (1) | $133,738 | $201,547 | |
| Case goods, unskimmed— | | | | | | | | |
| Pounds | 28,235,213 | (1) | ---------- | (1) | (1) | 35,319,804 | 48,130,992 | |
| Value | $2,224,150 | (1) | ---------- | (1) | (1) | $2,821,159 | $4,254,180 | |
| Bulk goods, skimmed— | | | | | | | | (2) |
| Pounds | 96,772,967 | 12,111,978 | 19,152,644 | 128,037,589 | 26,791,405 | 154,828,994 | 147,896,555 | |
| Value | $5,187,976 | $514,731 | $741,128 | $6,443,835 | $1,076,348 | $7,520,183 | $7,664,001 | |
| Bulk goods, unskimmed— | | | | | | | | |
| Pounds | (1) | 5,846,532 | (1) | 40,457,520 | 15,795,933 | 56,253,453 | 60,675,993 | |
| Value | (1) | $430,475 | (1) | $2,801,313 | $759,357 | $3,560,670 | $4,039,979 | |
| Unsweetened condensed (plain condensed) and evaporated milk: | | | | | | | | |
| Total pounds | 130,023,280 | 2,138,425,433 | 141,601,675 | 2,410,050,388 | 73,146,359 | 2,483,196,747 | 2,270,949,539 | 1,648,924,746 |
| Total value | $5,552,918 | $118,572,283 | $6,157,543 | $130,282,744 | $2,152,538 | $132,435,282 | $137,260,716 | $126,700,611 |
| Plain condensed and evaporated milk— | | | | | | | | |
| Bulk goods, skimmed— | | | | | | | | |
| Pounds | (1) | 57,955,996 | (1) | 154,931,751 | 47,795,772 | 202,727,523 | 188,626,518 | |
| Value | (1) | $1,123,681 | (1) | $3,153,164 | $878,156 | $4,031,320 | $4,571,841 | |
| Bulk goods, unskimmed— | | | | | | | | |
| Pounds | 55,876,462 | 27,939,017 | 10,585,644 | 94,401,123 | 8,533,437 | 102,934,560 | 128,696,616 | |
| Value | $2,864,656 | $1,481,339 | $468,062 | $4,814,057 | $395,649 | $5,209,706 | $8,447,106 | (2) |
| Evaporated milk (unsweetened)— | | | | | | | | |
| Case goods, skimmed and unskimmed— | | | | | | | | |
| Pounds | (1) | 2,052,530,420 | (1) | 2,160,717,514 | 16,817,150 | 2,177,534,664 | 1,953,626,405 | |
| Value | (1) | $115,967,263 | (1) | $122,315,523 | $878,733 | $123,194,256 | $124,241,769 | |
| Condensed and evaporated buttermilk: | | | | | | | | |
| Pounds | (1) | (1) | 55,241,137 | (1) | (1) | 108,323,547 | 93,486,334 | 135,786,920 |
| Value | (1) | (1) | $1,548,836 | (1) | (1) | $2,777,660 | $1,774,805 | $4,196,786 |
| Concentrated skim milk (for animal feed): | | | | | | | | |
| Pounds | (1) | (1) | 7,796,380 | (1) | (1) | 22,553,328 | 18,708,288 | |
| Value | (1) | (1) | $162,468 | (1) | (1) | $469,215 | $369,742 | |
| Concentrated whey: | | | | | | | | (2) |
| Pounds | ---------- | ---------- | (1) | (1) | (1) | 10,957,575 | 17,782,302 | |
| Value | ---------- | ---------- | (1) | (1) | (1) | $277,675 | $349,226 | |
| Dried and powdered skim milk (human food): | | | | | | | | |
| Pounds | 4,013,722 | 12,373,932 | 153,089,087 | 169,476,741 | 92,819,495 | 262,296,236 | 249,220,956 | |
| Value | $236,208 | $700,735 | $8,619,310 | $9,556,253 | $5,105,401 | $14,661,654 | $17,005,410 | |
| Dried and powdered skim milk (animal feed): | | | | | | | | |
| Pounds | 4,656,999 | 8,086,405 | 51,734,336 | 64,477,740 | 73,714,458 | 138,192,198 | 119,574,557 | |
| Value | $216,880 | $375,789 | $2,385,943 | $2,978,612 | $3,406,062 | $6,384,674 | $5,918,915 | |
| Dried and powdered whole milk: | | | | | | | | 220,714,282 |
| Pounds | (1) | (1) | 14,751,589 | 21,414,568 | 3,480,864 | 24,895,432 | 16,476,765 | $20,173,453 |
| Value | (1) | (1) | $2,170,022 | $3,153,739 | $478,556 | $3,632,295 | $2,790,697 | |
| Dried and powdered cream: | | | | | | | | |
| Pounds | ---------- | ---------- | (1) | (1) | (1) | 49,778 | 447,421 | |
| Value | ---------- | ---------- | (1) | (1) | (1) | $12,708 | $171,411 | |
| Dried and powdered whey: | | | | | | | | |
| Pounds | ---------- | ---------- | 49,515,322 | 49,515,322 | 13,065,283 | 62,580,605 | 72,945,906 | |
| Value | ---------- | ---------- | $1,865,110 | $1,865,110 | $400,856 | $2,265,966 | $2,635,159 | (2) |
| Dried and powdered buttermilk: | | | | | | | | |
| Pounds | ---------- | 419,671 | 18,464,437 | 18,884,108 | 44,949,886 | 63,833,994 | 55,165,396 | 67,877,315 |
| Value | ---------- | $19,691 | $882,663 | $902,354 | $1,891,371 | $2,793,725 | $2,631,338 | $4,306,706 |
| Sugar of milk, crude and refined: | | | | | | | | |
| Pounds | ---------- | ---------- | 4,950,571 | 4,950,571 | ---------- | 4,950,571 | 8,103,665 | 7,101,549 |
| Value | ---------- | ---------- | $536,368 | $536,368 | ---------- | $536,368 | $843,896 | $685,809 |
| Ice-cream mix (made for sale as such, unfrozen): | | | | | | | | |
| Pounds | 4,096,481 | 28,355,701 | 164,616,588 | 197,068,770 | 139,158,819 | 336,227,589 | 309,674,758 | 137,202,922 |
| Value | $336,131 | $2,073,553 | $12,617,211 | $15,026,895 | $10,550,722 | $25,577,617 | $26,739,571 | $15,278,194 |
| Ice-milk mix: | | | | | | | | |
| Pounds | (1) | (1) | 20,426,213 | 23,100,761 | 16,179,043 | 39,279,804 | (3) | (2) |
| Value | (1) | (1) | $1,423,643 | $1,583,197 | $953,552 | $2,536,749 | | |
| Casein, dry: | | | | | | | | |
| Pounds | (1) | (1) | 23,589,270 | 24,141,605 | 18,203,824 | 42,345,429 | 66,509,321 | 57,826,167 |
| Value | (1) | (1) | $2,225,564 | $2,273,638 | $1,566,015 | $3,839,653 | $7,841,266 | $5,725,571 |

[1] Cannot be shown without disclosing, exactly or approximately, data reported by individual establishments. Included in figures for totals for "Aggregate value" and for "Total pounds" and "Total value" for items in question.
[2] No data. [3] Data not called for on schedule.

## TABLE 5.—PRINCIPAL PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

[This table gives statistics for each State for which it is possible to publish separate figures without disclosing, exactly or approximately, the production reported by individual establishments. Some of the "Other States," however, reported larger quantities and values than some of the States shown separately. Also, see headnote to table 4]

| PRODUCT AND STATE | Pounds | Value |
|---|---|---|
| SWEETENED CONDENSED MILK | | |
| Case goods, skimmed | 2,731,185 | $133,738 |
| Case goods, unskimmed, total | 35,319,804 | 2,821,159 |
| New York | 8,793,475 | 753,882 |
| Other States | 26,526,329 | 2,067,277 |
| Bulk goods, skimmed, total | 154,828,994 | 7,520,183 |
| Illinois | 7,278,624 | 394,611 |
| Indiana | 20,099,294 | 1,075,383 |
| Kansas | 8,412,205 | 406,034 |
| Minnesota | 4,473,665 | 165,071 |
| Missouri | 967,538 | 40,473 |
| Nebraska | 1,318,699 | 48,518 |
| New York | 20,894,716 | 1,062,297 |
| Ohio | 13,234,128 | 594,625 |
| Pennsylvania | 8,960,618 | 382,513 |
| Texas | 1,313,801 | 61,529 |
| Vermont | 10,609,109 | 388,543 |
| Wisconsin | 35,136,047 | 1,523,277 |
| Other States | 22,130,550 | 1,377,309 |
| Bulk goods, unskimmed, total | 56,253,453 | 3,560,670 |
| California | 435,830 | 29,765 |
| Illinois | 4,015,206 | 309,630 |
| Indiana | 7,734,631 | 540,932 |
| Michigan | 2,601,301 | 147,736 |
| Missouri | 297,549 | 15,171 |
| New York | 8,404,966 | 616,689 |
| Ohio | 4,235,222 | 284,158 |
| Pennsylvania | 1,329,442 | 71,638 |
| Vermont | 2,040,598 | 103,059 |
| Wisconsin | 11,472,219 | 770,451 |
| Other States | 13,686,489 | 671,441 |
| UNSWEETENED CONDENSED (PLAIN CONDENSED) AND EVAPORATED MILK | | |
| Bulk goods, skimmed, total | 202,727,523 | 4,031,320 |
| California | 21,153,110 | 360,765 |
| Illinois | 6,065,198 | 126,379 |
| Indiana | 7,113,414 | 104,351 |
| Iowa | 2,294,527 | 52,855 |
| Kansas | 1,578,573 | 42,117 |
| Michigan | 7,496,356 | 140,005 |
| Missouri | 2,290,515 | 41,699 |
| New York | 37,535,062 | 736,854 |
| Ohio | 19,265,961 | 403,732 |
| Pennsylvania | 20,636,307 | 479,260 |
| Texas | 6,234,794 | 153,458 |
| Vermont | 10,377,611 | 138,234 |
| Virginia | 3,424,406 | 96,715 |
| Washington | 3,666,053 | 56,740 |
| Wisconsin | 24,958,194 | 466,913 |
| Other States | 28,637,442 | 631,243 |
| Bulk goods, unskimmed, total | 102,934,560 | 5,209,706 |
| Illinois | 2,370,303 | 117,559 |
| New York | 21,654,861 | 1,166,894 |
| Ohio | 4,113,320 | 134,709 |
| Pennsylvania | 9,061,786 | 517,723 |
| Wisconsin | 10,644,740 | 590,545 |
| Other States | 55,089,550 | 2,682,276 |
| EVAPORATED MILK (UNSWEETENED): | | |
| Case goods, skimmed and unskimmed, total | 2,177,534,664 | 123,194,256 |
| California | 207,673,799 | 11,715,423 |
| Illinois | 132,670,331 | 7,121,124 |
| Iowa | 28,858,738 | 1,711,460 |
| Kansas | 25,874,155 | 1,562,394 |
| Kentucky | 62,394,477 | 3,575,349 |
| Michigan | 100,788,313 | 5,894,870 |
| Mississippi | 33,700,931 | 1,879,408 |
| New York | 120,780,890 | 6,968,989 |
| Ohio | 210,758,058 | 11,755,077 |
| Oregon | 31,834,193 | 1,630,169 |
| Tennessee | 54,274,657 | 2,978,351 |
| Utah | 51,230,832 | 2,922,671 |
| Washington | 75,548,865 | 4,345,689 |
| Wisconsin | 714,683,890 | 40,681,373 |
| Other States | 326,462,535 | 18,451,909 |

| PRODUCT AND STATE | Pounds | Value |
|---|---|---|
| CONDENSED AND EVAPORATED BUTTERMILK | | |
| Total | 108,323,547 | $2,777,660 |
| California | 6,512,056 | 160,065 |
| Illinois | 12,344,169 | 345,575 |
| Indiana | 6,497,750 | 173,201 |
| Iowa | 14,005,448 | 301,154 |
| Kansas | 8,263,540 | 249,960 |
| Minnesota | 3,742,658 | 70,657 |
| Missouri | 16,159,870 | 517,632 |
| Nebraska | 6,829,577 | 137,683 |
| Texas | 2,253,668 | 46,839 |
| Other States | 31,714,811 | 774,894 |
| CONCENTRATED SKIM MILK (FOR ANIMAL FEED) | | |
| Total | 22,553,328 | 469,215 |
| Indiana | 7,260,643 | 171,447 |
| Pennsylvania | 4,813,190 | 100,932 |
| Washington | 394,539 | 9,280 |
| Other States | 10,084,956 | 187,556 |
| DRIED AND POWDERED SKIM MILK (HUMAN FOOD) | | |
| Total | 262,296,236 | 14,661,654 |
| California | 37,912,870 | 1,961,940 |
| Illinois | 1,935,065 | 118,455 |
| Indiana | 5,811,017 | 355,049 |
| Kansas | 2,030,063 | 139,292 |
| Michigan | 19,664,690 | 1,345,962 |
| Minnesota | 11,203,018 | 718,352 |
| Mississippi | 445,636 | 25,358 |
| Missouri | 3,114,377 | 197,459 |
| New York | 46,922,724 | 2,598,081 |
| Ohio | 8,499,448 | 511,575 |
| Oregon | 3,465,481 | 196,332 |
| Pennsylvania | 11,873,020 | 721,236 |
| Texas | 1,755,941 | 89,846 |
| Utah | 4,757,310 | 271,184 |
| Vermont | 5,865,362 | 319,215 |
| Washington | 9,346,569 | 473,733 |
| Wisconsin | 69,533,031 | 3,824,076 |
| Other States | 18,151,614 | 794,509 |
| DRIED AND POWDERED SKIM MILK (ANIMAL FEED) | | |
| Total | 138,192,198 | 6,384,674 |
| California | 17,449,944 | 778,752 |
| Illinois | 1,097,287 | 47,375 |
| Indiana | 2,577,361 | 116,471 |
| Iowa | 297,715 | 13,937 |
| Michigan | 10,392,787 | 513,327 |
| Minnesota | 11,581,431 | 496,501 |
| Mississippi | 896,868 | 37,842 |
| Missouri | 3,067,569 | 160,949 |
| New York | 28,519,786 | 1,344,721 |
| Ohio | 4,187,071 | 188,262 |
| Oregon | 3,223,167 | 142,844 |
| Pennsylvania | 5,042,169 | 219,365 |
| Vermont | 1,909,998 | 89,412 |
| Washington | 2,455,592 | 102,941 |
| Wisconsin | 31,094,677 | 1,534,764 |
| Other States | 14,398,776 | 597,211 |
| DRIED AND POWDERED WHOLE MILK | | |
| Total | 24,895,432 | 3,632,295 |
| Michigan | 4,306,486 | 634,062 |
| Wisconsin | 8,591,292 | 1,173,075 |
| Other States | 11,997,654 | 1,825,158 |
| DRIED AND POWDERED BUTTERMILK | | |
| Total | 63,833,994 | 2,793,725 |
| California | 1,892,352 | 90,554 |
| Colorado | 1,078,570 | 38,570 |
| Idaho | 1,083,303 | 42,506 |
| Illinois | 608,914 | 28,042 |
| Indiana | 1,977,808 | 101,924 |
| Iowa | 3,649,469 | 174,926 |
| Kansas | 4,313,315 | 200,935 |
| Michigan | 4,550,782 | 224,699 |
| Minnesota | 17,690,730 | 782,572 |
| Mississippi | 165,521 | 7,010 |

| PRODUCT AND STATE | Pounds | Value |
|---|---|---|
| DRIED AND POWDERED BUTTERMILK—continued | | |
| Missouri | 4,012,258 | $160,119 |
| Nebraska | 2,848,499 | 119,939 |
| North Dakota | 1,667,787 | 42,387 |
| Ohio | 6,272,907 | 205,527 |
| Oklahoma | 1,042,393 | 39,278 |
| Oregon | 408,790 | 22,333 |
| Wisconsin | 8,001,317 | 394,694 |
| Other States | 2,569,279 | 117,710 |
| ICE-CREAM MIX (MADE FOR SALE AS SUCH, UNFROZEN) | | |
| Total | 336,227,589 | 25,577,617 |
| Alabama | 636,086 | 50,997 |
| Arizona | 3,014,729 | 190,786 |
| California | 21,208,071 | 1,632,084 |
| Colorado | 5,579,623 | 421,036 |
| Connecticut | 5,476,059 | 397,184 |
| Florida | 1,656,564 | 167,030 |
| Georgia | 1,170,416 | 91,018 |
| Idaho | 1,133,641 | 107,562 |
| Illinois | 28,010,170 | 2,139,711 |
| Indiana | 13,119,536 | 914,940 |
| Iowa | 6,855,554 | 511,336 |
| Kansas | 5,853,909 | 424,825 |
| Kentucky | 7,663,386 | 506,397 |
| Massachusetts | 15,114,621 | 1,318,688 |
| Michigan | 35,758,863 | 2,402,118 |
| Minnesota | 4,806,247 | 400,951 |
| Mississippi | 4,043,150 | 275,985 |
| Missouri | 4,156,283 | 289,965 |
| Montana | 2,678,570 | 221,247 |
| Nebraska | 2,917,089 | 222,718 |
| New Jersey | 2,216,181 | 169,625 |
| New York | 39,218,659 | 3,338,244 |
| North Carolina | 1,297,675 | 88,656 |
| North Dakota | 872,829 | 68,365 |
| Ohio | 17,044,552 | 1,218,224 |
| Oklahoma | 1,513,379 | 107,773 |
| Oregon | 7,618,110 | 604,156 |
| Pennsylvania | 23,768,805 | 2,006,500 |
| South Dakota | 335,979 | 28,480 |
| Tennessee | 4,660,605 | 321,513 |
| Texas | 12,285,441 | 932,317 |
| Utah | 1,016,082 | 96,124 |
| Virginia | 8,016,846 | 550,359 |
| Washington | 12,964,200 | 896,923 |
| West Virginia | 842,193 | 134,863 |
| Wisconsin | 23,988,106 | 1,686,253 |
| Other States | 7,715,380 | 642,664 |
| ICE-MILK MIX | | |
| Total | 39,279,804 | 2,536,749 |
| California | 9,957,781 | 455,355 |
| Colorado | 377,877 | 17,117 |
| Idaho | 393,235 | 27,445 |
| Illinois | 1,512,687 | 75,803 |
| Indiana | 1,401,220 | 91,592 |
| Iowa | 1,138,868 | 67,741 |
| Michigan | 2,668,392 | 186,334 |
| Montana | 454,017 | 32,659 |
| New York | 2,504,565 | 205,525 |
| Oregon | 1,196,398 | 60,428 |
| Utah | 252,880 | 14,476 |
| Virginia | 453,522 | 40,437 |
| Washington | 2,356,920 | 156,093 |
| Other States | 14,611,442 | 1,105,744 |
| CASEIN, DRY | | |
| Total | 42,345,429 | 3,839,653 |
| California | 9,184,710 | 816,413 |
| Idaho | 1,999,985 | 181,438 |
| Illinois | 5,097,900 | 567,002 |
| Iowa | 305,585 | 18,314 |
| Minnesota | 2,966,814 | 253,547 |
| New York | 7,374,644 | 657,816 |
| Oregon | 149,260 | 13,095 |
| Pennsylvania | 103,647 | 10,947 |
| Vermont | 1,730,888 | 137,982 |
| Washington | 1,353,615 | 147,251 |
| Wisconsin | 10,462,129 | 904,421 |
| Other States | 1,616,252 | 131,427 |

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| UNITED STATES | | | | | | | | | | | | | |
| *1939* | | | | | | | | | | | | | |
| Total for the industry | 9,705 | 8,727 | 8,918 | 9,398 | 9,848 | 10,373 | 10,988 | 10,787 | 10,253 | 10,113 | 9,324 | 8,875 | 8,854 |
| Reported by establishments primarily engaged in manufacture of: | | | | | | | | | | | | | |
| Condensed milk | 800 | 764 | 766 | 784 | 785 | 816 | 876 | 866 | 843 | 821 | 782 | 746 | 748 |
| Evaporated milk | 5,586 | 4,920 | 5,053 | 5,374 | 5,680 | 6,007 | 6,425 | 6,301 | 5,984 | 5,954 | 5,371 | 4,994 | 4,967 |
| Other related milk products | 3,319 | 3,043 | 3,099 | 3,240 | 3,383 | 3,550 | 3,687 | 3,620 | 3,426 | 3,338 | 3,171 | 3,135 | 3,139 |
| *1937* | | | | | | | | | | | | | |
| Total for the industry | 8,967 | 7,985 | 8,372 | 8,598 | 9,340 | 10,108 | 10,607 | 10,350 | 9,408 | 8,904 | 8,395 | 7,837 | 7,704 |
| Reported by establishments primarily engaged in manufacture of: | | | | | | | | | | | | | |
| Condensed milk | 584 | 535 | 543 | 550 | 606 | 656 | 663 | 631 | 604 | 596 | 567 | 526 | 534 |
| Evaporated milk | 5,917 | 5,193 | 5,541 | 5,670 | 6,195 | 6,766 | 7,100 | 6,917 | 6,183 | 5,814 | 5,496 | 5,120 | 5,006 |
| Other related milk products | 2,466 | 2,257 | 2,288 | 2,378 | 2,539 | 2,686 | 2,844 | 2,802 | 2,621 | 2,494 | 2,332 | 2,191 | 2,164 |
| *1929* | | | | | | | | | | | | | |
| Total for the industry | 7,065 | 6,501 | 6,486 | 6,800 | 7,300 | 7,834 | 8,416 | 8,211 | 7,698 | 6,991 | 6,428 | 6,125 | 5,994 |
| STATES, 1939 | | | | | | | | | | | | | |
| California | 709 | 656 | 648 | 679 | 725 | 747 | 749 | 759 | 749 | 732 | 704 | 685 | 674 |
| Colorado | 76 | 80 | 80 | 83 | 80 | 77 | 79 | 75 | 73 | 69 | 77 | 67 | 71 |
| Idaho | 58 | 54 | 53 | 55 | 56 | 60 | 62 | 62 | 61 | 61 | 56 | 57 | 57 |
| Illinois | 626 | 490 | 500 | 536 | 636 | 685 | 733 | 707 | 702 | 728 | 616 | 592 | 586 |
| Indiana | 305 | 281 | 290 | 290 | 298 | 310 | 322 | 328 | 329 | 319 | 298 | 295 | 298 |
| Iowa | 99 | 104 | 104 | 103 | 102 | 106 | 108 | 102 | 100 | 98 | 89 | 87 | 90 |
| Kansas | 159 | 146 | 152 | 154 | 151 | 162 | 176 | 169 | 173 | 172 | 158 | 149 | 142 |
| Kentucky | 215 | 184 | 162 | 184 | 190 | 239 | 266 | 266 | 259 | 258 | 214 | 185 | 178 |
| Massachusetts | 37 | 33 | 36 | 36 | 36 | 38 | 39 | 41 | 41 | 40 | 37 | 35 | 35 |
| Michigan | 747 | 706 | 709 | 726 | 737 | 785 | 811 | 808 | 808 | 777 | 731 | 699 | 670 |
| Minnesota | 271 | 259 | 265 | 279 | 283 | 279 | 292 | 292 | 255 | 257 | 261 | 257 | 271 |
| Mississippi | 206 | 198 | 199 | 198 | 214 | 225 | 225 | 214 | 211 | 217 | 202 | 185 | 179 |
| Missouri | 184 | 164 | 157 | 166 | 183 | 193 | 204 | 205 | 201 | 206 | 185 | 172 | 168 |
| Nebraska | 15 | 14 | 14 | 14 | 15 | 16 | 16 | 14 | 19 | 14 | 17 | 15 | 15 |
| New York | 1,421 | 1,257 | 1,347 | 1,481 | 1,569 | 1,637 | 1,723 | 1,609 | 1,357 | 1,342 | 1,236 | 1,208 | 1,290 |
| Ohio | 799 | 735 | 749 | 767 | 776 | 830 | 888 | 889 | 862 | 863 | 769 | 725 | 733 |
| Oklahoma | 26 | 25 | 27 | 26 | 25 | 26 | 26 | 26 | 25 | 26 | 27 | 27 | 27 |
| Oregon | 105 | 88 | 87 | 105 | 115 | 113 | 120 | 139 | 112 | 106 | 91 | 92 | 87 |
| Pennsylvania | 382 | 356 | 356 | 375 | 389 | 425 | 453 | 426 | 390 | 382 | 350 | 341 | 337 |
| Tennessee | 258 | 219 | 236 | 249 | 266 | 288 | 281 | 286 | 283 | 299 | 260 | 223 | 201 |
| Texas | 161 | 146 | 148 | 160 | 172 | 185 | 184 | 182 | 171 | 166 | 150 | 144 | 128 |
| Utah | 109 | 107 | 111 | 113 | 116 | 117 | 119 | 113 | 111 | 104 | 102 | 101 | 99 |
| Vermont | 96 | 85 | 86 | 102 | 105 | 107 | 104 | 108 | 102 | 92 | 90 | 84 | 84 |
| Virginia | 99 | 64 | 62 | 84 | 87 | 99 | 125 | 118 | 124 | 135 | 113 | 97 | 81 |
| Washington | 234 | 212 | 217 | 224 | 235 | 244 | 248 | 261 | 261 | 238 | 232 | 220 | 218 |
| West Virginia | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Wisconsin | 2,086 | 1,853 | 1,912 | 1,988 | 2,051 | 2,147 | 2,396 | 2,356 | 2,245 | 2,180 | 2,040 | 1,935 | 1,932 |

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | Reported by establishments primarily engaged in the manufacture of— | | | Total for the industry |
|---|---|---|---|---|
| | Condensed milk | Evaporated milk | Other related milk products | |
| Number of establishments: | | | | |
| Total for the industry | 65 | 168 | 329 | 562 |
| Reporting expenditures for plant and equipment | 44 | 150 | 228 | 422 |
| Value of products: | | | | |
| Total for the industry | $20,038,986 | $135,875,041 | $53,841,864 | $209,755,891 |
| Reporting expenditures for plant and equipment | 11,963,252 | 129,346,959 | 47,573,099 | 188,883,310 |
| Expenditures for plant and equipment: | | | | |
| Total for the industry | 793,938 | 2,155,798 | 2,543,961 | 5,493,697 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 272,186 | 507,621 | 358,301 | 1,138,108 |
| Expenditures for new machinery and operating equipment | 505,332 | 1,611,625 | 2,048,356 | 4,165,313 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 16,420 | 36,552 | 116,509 | 169,481 |
| Expenditures unclassified | | | 20,795 | 20,795 |

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | Reported, for 1939, by establishments primarily engaged in the manufacture of— | | | Total for industry | |
|---|---|---|---|---|---|
| | Condensed milk | Evaporated milk | Other related milk products | 1939 | 1937 |
| Inventories: | | | | | |
| Beginning of year, total | $1,046,214 | $11,805,339 | $4,729,881 | $17,581,434 | $21,722,744 |
| Finished products | 536,573 | 8,574,440 | 3,049,712 | 12,160,725 | 15,704,038 |
| Materials, supplies, etc | 509,641 | 3,230,899 | 1,680,169 | 5,420,709 | 6,018,706 |
| End of year, total | 858,035 | 13,717,679 | 4,156,385 | 18,732,099 | 18,853,742 |
| Finished products | 475,378 | 8,884,348 | 2,018,772 | 11,378,498 | 11,542,423 |
| Materials, supplies, etc | 382,657 | 4,833,331 | 2,137,613 | 7,353,601 | 7,311,319 |
| Value of products for the industry, total | 20,038,986 | 135,875,041 | 53,841,864 | 209,755,891 | 210,717,581 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 19,011,068 | 135,729,681 | 52,290,060 | 207,030,809 | 198,625,471 |
| Value for establishments not reporting inventories | 1,027,918 | 145,360 | 1,551,804 | 2,725,082 | 12,092,110 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | | | | 1929 |
|---|---|---|---|---|---|
| | Reported by establishments primarily engaged in the manufacture of— | | | Total | |
| | Condensed milk | Evaporated milk | Other related milk products | | |
| Number of establishments | 65 | 168 | 329 | 562 | 535 |
| Number of establishments reporting power equipment | 65 | 167 | 327 | 559 | 519 |
| Prime movers, aggregate: | | | | | |
| Number | 80 | 311 | 229 | 620 | 778 |
| Horsepower | 5,725 | 37,549 | 16,838 | 60,112 | 45,098 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929—Continued

| | 1939 | | | | 1929 |
|---|---|---|---|---|---|
| | Reported by establishments prin arily engaged in the manufacture of— | | | Total | |
| | Condensed milk | Evaporated milk | Other related milk products | | |
| Prime movers—Continued. | | | | | |
| Prime movers, driving generators, total— | | | | | |
| Number | 25 | 181 | 70 | 276 | [1] 778 |
| Horsepower | 3,158 | 31,250 | 10,085 | 44,493 | [1] 45,098 |
| Steam engines— | | | | | |
| Number | 21 | 161 | 52 | 234 | [1] 669 |
| Horsepower | 2,795 | 29,432 | 8,103 | 40,330 | [1] 40,699 |
| Steam turbines— | | | | | |
| Number | 2 | 15 | 11 | 28 | [1] 59 |
| Horsepower | 183 | 1,531 | 1,342 | 3,056 | [1] 3,717 |
| Diesel and semi-Diesel engines— | | | | | |
| Number | 2 | 1 | 2 | 5 | [1] 15 |
| Horsepower | 180 | 60 | 315 | 555 | [1] 388 |
| Other internal-combustion engines [2]— | | | | | |
| Number | -------- | 2 | 3 | 5 | |
| Horsepower | -------- | 142 | 100 | 242 | |
| Hydroturbines and water wheels— | | | | | |
| Number | -------- | 2 | 2 | 4 | [1] 5 |
| Horsepower | -------- | 85 | 225 | 310 | [1] 304 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 35 | 2,979 | 650 | 3,664 | (3) |
| Prime movers not driving generators, total— | | | | | |
| Number | 55 | 130 | 159 | 344 | |
| Horsepower | 2,567 | 6,299 | 6,753 | 15,619 | |
| Steam engines— | | | | | |
| Number | 48 | 98 | 113 | 259 | |
| Horsepower | 2,539 | 5,300 | 5,638 | 13,477 | |
| Steam turbines— | | | | | |
| Number | 7 | 18 | 40 | 65 | |
| Horsepower | 28 | 562 | 952 | 1,542 | |
| Diesel and semi-Diesel engines— | | | | | |
| Number | -------- | -------- | 2 | 2 | |
| Horsepower | -------- | -------- | 50 | 50 | |
| Other internal-combustion engines [2]— | | | | | |
| Number | -------- | 12 | 4 | 16 | |
| Horsepower | -------- | 387 | 113 | 500 | |
| Hydroturbines and water wheels— | | | | | |
| Number | -------- | 2 | -------- | 2 | |
| Horsepower | -------- | 50 | -------- | 50 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 1 | 455 | 290 | 746 | |
| Generators, kilowatt rating, total | 1,995 | 21,566 | 6,643 | 30,204 | 19,034 |
| Generators, driven by— | | | | | |
| Steam engines, kilowatt rating | 1,754 | 20,279 | 5,271 | 27,304 | (3) |
| Steam turbines, kilowatt rating | 123 | 1,087 | 917 | 2,127 | |
| Diesel and semi-Diesel engines, kilowatt rating | 118 | 30 | 255 | 403 | |
| Other internal-combustion engines,[2] kilowatt rating | -------- | 95 | 50 | 145 | |
| Hydroturbines and water wheels, kilowatt rating | -------- | 75 | 150 | 225 | |
| Generators, ordinarily idle (included above), kilowatt rating | 10 | 1,895 | 480 | 2,385 | (4) |
| Electric motors, total: | | | | | |
| Number | 1,956 | 9,824 | 8,627 | 20,407 | 11,708 |
| Horsepower | 8,016 | 37,799 | 38,220 | 84,035 | 61,577 |
| Driven by purchased energy— | | | | | |
| Number | 1,501 | 4,033 | 6,876 | 12,410 | 6,918 |
| Horsepower | 5,848 | 16,134 | 30,168 | 52,150 | 40,160 |
| Driven by energy generated in establishments reporting— | | | | | |
| Number | 455 | 5,791 | 1,751 | 7,997 | 4,790 |
| Horsepower | 2,168 | 21,665 | 8,052 | 31,885 | 21,417 |
| Electric energy (kilowatt-hours): | | | | | |
| Generated in plant | 1,511,744 | 26,116,232 | 10,054,979 | 37,682,955 | (4) |
| Sold | -------- | 542,903 | 72,200 | 615,103 | (3) |
| Purchased | 6,255,588 | 21,678,602 | 37,311,668 | 65,245,858 | 28,909,735 |

[1] Includes prime movers not driving generators.
[2] Gas, gasoline, etc.
[3] Not called for on schedule.
[4] Data not available.

# ICE CREAM AND ICES

[A preliminary report for this industry was issued December 28, 1940]

**Description of the industry.**—This industry embraces establishments primarily engaged in the manufacture of frozen desserts made of milk, cream, fruit juices, and flavoring extracts.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 2,734 | 15,711 | $17,344,036 | $145,924,115 | $285,806,781 | $139,882,666 | 21,504 |
| 1937 | 2,885 | 18,664 | 21,268,806 | 143,586,999 | 282,002,617 | 138,415,618 | (5) |
| 1935 | 2,447 | 17,321 | 19,104,483 | 101,276,269 | 209,684,610 | 108,408,341 | (6) |
| 1933 | 2,118 | 14,367 | 16,144,678 | 66,314,733 | 158,386,304 | 92,071,571 | (5) |
| 1931 | 2,948 | 17,819 | 25,416,338 | 110,503,763 | 268,514,553 | 158,010,790 | (5) |
| 1929 | 3,150 | 22,399 | 33,803,044 | 155,964,386 | 328,413,911 | 172,449,525 | 22,580 |
| 1927 | 2,961 | 21,927 | 33,107,615 | 150,602,029 | 301,644,991 | 151,042,962 | 20,479 |
| 1925 | 2,790 | 23,043 | 33,456,757 | 140,863,762 | 286,175,686 | 145,311,924 | 23,122 |
| 1923 | 2,762 | 23,132 | 32,434,770 | 145,307,036 | 259,966,987 | 114,659,951 | 28,153 |
| 1921 | 2,528 | 20,209 | 28,236,752 | 121,169,927 | 213,261,743 | 92,091,816 | (5) |
| 1919 | 3,475 | 19,155 | 21,698,809 | 116,375,479 | 189,483,065 | 73,107,586 | 31,759 |
| 1914 [7] | 2,437 | 10,376 | 6,844,615 | 32,771,716 | 55,983,133 | 23,211,417 | 21,243 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.
[7] No data available for years prior to 1914.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Alabama | Arizona | Arkansas | California | Colorado | Connecticut | District of Columbia | Florida | Georgia | Idaho | Illinois |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 2,734 | 37 | 19 | 19 | 209 | 37 | 39 | 12 | 44 | 34 | 14 | 142 |
| Proprietors and firm members | 1,816 | 18 | 12 | 20 | 177 | 26 | 14 | 1 | 16 | 20 | 6 | 97 |
| Persons reported by manufacturing establishments, total [2] | 36,023 | 503 | 151 | 204 | 2,508 | 338 | 480 | 581 | 761 | 521 | 89 | 2,340 |
| Salaried officers of corporations [2] | 1,269 | 27 | 4 | 8 | 65 | 11 | 19 | 12 | 33 | 19 | 7 | 84 |
| Manufacturing: | | | | | | | | | | | | |
| Salaried employees [2] | 3,489 | 48 | 24 | 24 | 195 | 41 | 62 | 41 | 78 | 52 | 13 | 231 |
| Wage earners (average for the year) [3] | 15,711 | 194 | 76 | 96 | 1,047 | 168 | 231 | 175 | 260 | 211 | 35 | 1,026 |
| Distribution | 14,068 | 224 | 41 | 69 | 1,030 | 111 | 156 | 348 | 324 | 197 | 33 | 889 |
| Construction | 470 | 7 | 1 | 6 | 17 | 1 | 4 | ---------- | 12 | 8 | 1 | 25 |
| Other | 1,016 | 3 | 5 | 1 | 154 | 6 | 8 | 5 | 54 | 34 | --------- | 85 |
| Salaries and wages, total [2] | $50,628,902 | $580,271 | $173,432 | $178,501 | $3,821,088 | $369,472 | $697,055 | $856,294 | $938,955 | $626,200 | $121,934 | $3,854,942 |
| Salaried officers [2] | 5,211,081 | 106,324 | 7,497 | 22,300 | 233,047 | 32,359 | 75,403 | 56,400 | 152,810 | 95,406 | 15,080 | 387,632 |
| Manufacturing: | | | | | | | | | | | | |
| Salaries [2] | 5,449,690 | 65,382 | 34,655 | 25,001 | 353,723 | 61,598 | 96,179 | 86,331 | 103,552 | 84,054 | 19,641 | 417,141 |
| Wages | 17,344,036 | 159,968 | 81,550 | 68,658 | 1,331,282 | 163,662 | 262,544 | 246,212 | 206,193 | 174,156 | 35,632 | 1,128,315 |
| Distribution | 20,423,235 | 241,279 | 43,744 | 54,179 | 1,625,657 | 103,877 | 242,941 | 460,422 | 405,468 | 227,201 | 46,549 | 1,736,254 |
| Construction | 712,637 | 4,321 | 1,458 | 7,694 | 26,239 | 3,660 | 6,173 | ---------- | 15,904 | 8,966 | 1,370 | 41,170 |
| Other | 1,488,223 | 2,997 | 4,528 | 669 | 251,140 | 4,316 | 13,815 | 6,929 | 55,028 | 36,417 | 3,662 | 144,430 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 145,924,115 | 1,439,777 | 487,495 | 569,869 | 10,249,240 | 1,591,467 | 1,993,527 | 1,701,095 | 1,938,137 | 1,575,632 | 338,620 | 8,846,562 |
| Materials, supplies, and containers | 138,691,316 | 1,339,933 | 433,769 | 531,279 | 9,865,908 | 1,511,032 | 1,875,731 | 1,596,254 | 1,779,391 | 1,471,000 | 316,828 | 8,410,840 |
| Fuel | 1,719,225 | 16,531 | 7,911 | 7,210 | 65,475 | 19,347 | 40,122 | 26,572 | 23,351 | 21,940 | 6,319 | 86,996 |
| Purchased electric energy | 5,501,532 | 83,313 | 45,815 | 31,380 | 317,857 | 61,088 | 77,380 | 78,269 | 135,395 | 82,692 | 15,473 | 348,416 |
| Contract work | 12,042 | ---------- | ---------- | ---------- | ---------- | ---------- | 294 | ---------- | ---------- | ---------- | --------- | 310 |
| Value of products | 285,806,781 | 2,719,788 | 930,758 | 1,099,733 | 20,507,584 | 2,774,369 | 3,965,803 | 3,633,453 | 3,430,262 | 3,144,200 | 596,471 | 19,620,506 |
| Value added by manufacture [4] | 139,882,666 | 1,280,011 | 443,263 | 529,864 | 10,258,344 | 1,182,902 | 1,972,276 | 1,932,358 | 1,492,125 | 1,568,568 | 257,851 | 10,773,944 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Indiana | Iowa | Kansas | Kentucky | Louisiana | Maine | Maryland | Massachusetts | Michigan | Minnesota | Mississippi | Missouri |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 85 | 72 | 45 | 30 | 30 | 15 | 42 | 121 | 159 | 56 | 26 | 70 |
| Proprietors and firm members | 66 | 60 | 34 | 22 | 16 | 9 | 33 | 69 | 115 | 28 | 16 | 40 |
| Persons reported by manufacturing establishments, total [2] | 969 | 632 | 457 | 254 | 401 | 203 | 656 | 1,207 | 1,323 | 762 | 266 | 1,003 |
| Salaried officers of corporations [2] | 44 | 16 | 10 | 18 | 13 | 4 | 31 | 53 | 65 | 41 | 15 | 52 |
| Manufacturing: | | | | | | | | | | | | |
| Salaried employees [2] | 113 | 83 | 45 | 22 | 30 | 27 | 64 | 143 | 145 | 75 | 37 | 94 |
| Wage earners (average for the year) [3] | 445 | 261 | 200 | 105 | 161 | 93 | 257 | 608 | 587 | 327 | 101 | 405 |
| Distribution | 347 | 268 | 198 | 103 | 194 | 64 | 283 | 384 | 485 | 293 | 105 | 410 |
| Construction | 14 | 1 | 4 | 1 | 2 | ---------- | 20 | 11 | 5 | 8 | 2 | 9 |
| Other | 6 | 3 | ---------- | 5 | 1 | 15 | 1 | 8 | 36 | 18 | 6 | 33 |
| Salaries and wages, total [2] | $1,183,957 | $743,082 | $546,902 | $303,937 | $384,240 | $287,613 | $1,000,163 | $1,793,400 | $1,995,179 | $1,308,855 | $296,446 | $1,424,864 |
| Salaried officers [2] | 97,561 | 33,033 | 36,683 | 64,002 | 60,219 | 35,400 | 247,501 | 271,748 | 210,514 | 202,466 | 72,935 | 185,328 |
| Manufacturing: | | | | | | | | | | | | |
| Salaries [2] | 139,348 | 128,212 | 65,006 | 31,566 | 38,154 | 49,796 | 104,951 | 202,933 | 242,053 | 118,345 | 46,518 | 150,671 |
| Wages | 451,928 | 248,984 | 194,338 | 90,739 | 133,618 | 92,733 | 237,523 | 692,705 | 697,591 | 398,697 | 73,041 | 452,152 |
| Distribution | 466,408 | 328,569 | 245,959 | 108,769 | 148,738 | 86,425 | 374,836 | 596,161 | 755,655 | 545,921 | 97,495 | 575,444 |
| Construction | 22,708 | 1,000 | 4,916 | 3,654 | 2,611 | 763 | 34,240 | 15,814 | 5,699 | 15,662 | 2,800 | 15,817 |
| Other | 6,004 | 3,284 | ---------- | 5,207 | 900 | 22,496 | 1,112 | 14,039 | 83,667 | 27,764 | 3,657 | 45,452 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 3,461,872 | 2,819,024 | 1,415,664 | 927,701 | 1,235,145 | 841,473 | 2,770,607 | 6,475,047 | 6,066,713 | 3,166,549 | 854,481 | 3,993,432 |
| Materials, supplies, and containers | 3,246,803 | 2,672,019 | 1,332,457 | 870,127 | 1,181,772 | 805,662 | 2,639,164 | 6,198,315 | 5,729,201 | 2,977,978 | 801,289 | 3,790,457 |
| Fuel | 51,119 | 32,517 | 21,842 | 13,435 | 7,515 | 9,734 | 25,455 | 50,156 | 87,462 | 58,412 | 15,343 | 50,848 |
| Purchased electric energy | 163,950 | 114,488 | 61,365 | 44,139 | 45,858 | 26,077 | 99,792 | 226,576 | 247,830 | 130,159 | 37,780 | 152,127 |
| Contract work | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 6,196 | ---------- | 2,220 | ---------- | 69 | ---------- |
| Value of products | 6,658,911 | 5,256,981 | 2,663,619 | 1,775,512 | 2,558,158 | 1,607,087 | 5,278,105 | 12,291,063 | 11,285,931 | 6,081,766 | 1,659,241 | 7,768,215 |
| Value added by manufacture [1] | 3,197,039 | 2,437,957 | 1,247,955 | 847,811 | 1,323,013 | 765,614 | 2,507,498 | 5,816,016 | 5,219,218 | 2,915,219 | 804,760 | 3,774,783 |

| ITEM | Montana | Nebraska | New Hampshire | New Jersey | New Mexico | New York | North Carolina | North Dakota | Ohio | Oklahoma | Oregon | Pennsylvania |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 22 | 31 | 12 | 62 | 8 | 202 | 41 | 8 | 173 | 35 | 24 | 239 |
| Proprietors and firm members | 21 | 26 | 13 | 32 | 6 | 117 | 24 | 1 | 110 | 24 | 17 | 198 |
| Persons reported by manufacturing establishments, total [2] | 111 | 354 | 68 | 942 | 72 | 4,162 | 703 | 42 | 2,319 | 428 | 228 | 4,227 |
| Salaried officers of corporations [2] | 6 | 3 | 1 | 31 | 1 | 125 | 17 | 1 | 100 | 9 | 11 | 106 |
| Manufacturing: | | | | | | | | | | | | |
| Salaried employees [2] | 10 | 31 | 12 | 70 | 16 | 356 | 86 | 4 | 204 | 51 | 31 | 329 |
| Wage earners (average for the year) [3] | 33 | 126 | 36 | 352 | 31 | 1,891 | 259 | 18 | 1,192 | 176 | 87 | 1,981 |
| Distribution | 62 | 182 | 19 | 455 | 24 | 1,657 | 308 | 19 | 774 | 175 | 96 | 1,538 |
| Construction | ---------- | 3 | ---------- | 12 | ---------- | 42 | 21 | ---------- | 16 | 15 | 3 | 117 |
| Other | ---------- | 9 | ---------- | 22 | ---------- | 91 | 12 | ---------- | 33 | 2 | ---------- | 156 |
| Salaries and wages, total [2] | $152,570 | $340,768 | $77,269 | $1,578,874 | $76,905 | $6,708,965 | $846,958 | $45,615 | $3,288,871 | $397,254 | $336,570 | $6,204,561 |
| Salaried officers [2] | 15,835 | 6,508 | 1,200 | 111,740 | 3,310 | 559,054 | 92,073 | 1,800 | 401,085 | 21,817 | 26,947 | 480,678 |
| Manufacturing: | | | | | | | | | | | | |
| Salaries [2] | 11,844 | 38,398 | 18,774 | 132,945 | 23,645 | 648,867 | 120,198 | 8,520 | 280,347 | 75,651 | 48,258 | 511,660 |
| Wages | 38,244 | 118,478 | 40,180 | 466,456 | 30,643 | 2,266,085 | 230,183 | 14,801 | 1,474,850 | 139,454 | 123,937 | 2,417,125 |
| Distribution | 86,647 | 165,257 | 17,115 | 802,754 | 19,307 | 2,981,233 | 360,178 | 20,494 | 1,064,635 | 158,921 | 134,225 | 2,392,368 |
| Construction | ---------- | 1,816 | ---------- | 37,961 | ---------- | 87,721 | 30,409 | ---------- | 23,431 | 948 | 3,203 | 192,322 |
| Other | ---------- | 10,311 | ---------- | 27,018 | ---------- | 166,005 | 13,917 | ---------- | 44,523 | 463 | ---------- | 210,408 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 408,763 | 802,185 | 390,219 | 3,790,624 | 202,221 | 19,728,470 | 2,241,046 | 151,092 | 9,715,072 | 1,357,889 | 1,035,917 | 19,016,780 |
| Materials, supplies, and containers | 374,562 | 726,950 | 371,537 | 3,616,503 | 186,453 | 18,912,164 | 2,122,185 | 141,942 | 9,225,963 | 1,283,011 | 982,759 | 18,193,287 |
| Fuel | 7,359 | 19,125 | 3,827 | 34,184 | 3,075 | 177,903 | 25,473 | 1,912 | 123,428 | 19,811 | 15,606 | 234,287 |
| Purchased electric energy | 26,842 | 56,110 | 14,855 | 139,937 | 12,693 | 636,621 | 92,842 | 7,238 | 365,306 | 55,067 | 37,552 | 589,206 |
| Contract work | ---------- | ---------- | ---------- | ---------- | ---------- | 1,782 | 546 | ---------- | 375 | ---------- | ---------- | ---------- |
| Value of products | 763,200 | 1,620,016 | 773,872 | 7,758,225 | 352,522 | 38,371,903 | 4,479,517 | 300,440 | 18,535,048 | 2,551,379 | 2,050,970 | 39,530,200 |
| Value added by manufacture [1] | 354,437 | 817,831 | 383,653 | 3,967,601 | 150,301 | 18,643,433 | 2,238,471 | 149,348 | 8,819,976 | 1,193,490 | 1,015,053 | 20,513,420 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Rhode Island | South Carolina | South Dakota | Tennessee | Texas | Utah | Vermont | Virginia | Washington | West Virginia | Wisconsin | Other States [5] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 34 | 11 | 11 | 48 | 131 | 17 | 6 | 39 | 41 | 21 | 141 | 20 |
| Proprietors and firm members | 28 | 3 | 6 | 39 | 78 | 3 | 4 | 19 | 16 | 3 | 97 | 16 |
| Persons reported by manufacturing establishments, total [2] | 283 | 209 | 132 | 623 | 1,687 | 302 | 75 | 610 | 411 | 313 | 885 | 228 |
| Salaried officers of corporations [2] | 16 | 7 | 7 | 13 | 53 | 20 | ---------- | 13 | 13 | 12 | 47 | 6 |
| Manufacturing: | | | | | | | | | | | | |
| Salaried employees [2] | 21 | 24 | 23 | 64 | 186 | 40 | 13 | 40 | 59 | 39 | 76 | 17 |
| Wage earners (average for the year) [3] | 132 | 70 | 53 | 258 | 687 | 108 | 45 | 288 | 190 | 156 | 398 | 75 |
| Distribution | 77 | 95 | 48 | 264 | 686 | 132 | 13 | 217 | 139 | 100 | 306 | 126 |
| Construction | ---------- | 5 | ---------- | 3 | 37 | 2 | 1 | 13 | 4 | 1 | 13 | 3 |
| Other | 37 | 8 | 1 | 21 | 38 | ---------- | 3 | 39 | 6 | 5 | 45 | 1 |
| Salaries and wages, total [2] | $363,829 | $206,135 | $122,966 | $707,934 | $1,759,948 | $412,784 | $114,303 | $641,427 | $644,927 | $378,591 | $1,365,801 | $368,295 |
| Salaried officers [2] | 46,999 | 28,700 | 19,003 | 41,331 | 203,187 | 63,501 | ---------- | 44,822 | 52,839 | 31,336 | 213,675 | 41,993 |
| Manufacturing: | | | | | | | | | | | | |
| Salaries [2] | 29,716 | 35,757 | 21,429 | 100,492 | 239,338 | 62,082 | 38,262 | 62,886 | 75,454 | 63,454 | 109,394 | 27,509 |
| Wages | 140,197 | 43,760 | 36,244 | 199,104 | 597,186 | 109,205 | 51,344 | 223,315 | 242,082 | 150,227 | 499,578 | 69,137 |
| Distribution | 87,092 | 88,796 | 44,412 | 329,627 | 646,181 | 172,999 | 18,529 | 248,798 | 263,324 | 126,381 | 453,160 | 222,851 |
| Construction | ---------- | 3,684 | ---------- | 2,692 | 31,919 | 2,415 | 1,147 | 16,887 | 3,042 | 1,653 | 22,676 | 6,072 |
| Other | 59,825 | 5,438 | 1,878 | 34,688 | 42,137 | 2,582 | 5,021 | 44,719 | 8,186 | 5,540 | 67,318 | 733 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 1,488,796 | 572,990 | 426,515 | 2,012,569 | 5,749,072 | 1,067,345 | 280,239 | 2,250,117 | 1,792,813 | 1,413,908 | 4,497,814 | 772,530 |
| Materials, supplies, and containers | 1,422,545 | 536,814 | 399,270 | 1,908,592 | 5,453,040 | 1,011,533 | 259,234 | 2,128,948 | 1,713,885 | 1,349,052 | 4,253,580 | 740,298 |
| Fuel | 12,459 | 5,932 | 7,456 | 16,552 | 80,176 | 14,235 | 9,243 | 22,700 | 19,588 | 12,993 | 99,080 | 7,209 |
| Purchased electric energy | 53,792 | 30,244 | 19,789 | 87,425 | 215,856 | 41,577 | 11,762 | 98,469 | 59,340 | 51,863 | 145,154 | 24,773 |
| Contract work | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 250 |
| Value of products | 2,648,293 | 1,204,583 | 833,430 | 4,014,884 | 10,832,980 | 1,882,143 | 513,635 | 4,164,932 | 3,491,311 | 2,338,326 | 7,588,879 | 1,898,575 |
| Value added by manufacture [4] | 1,159,497 | 631,593 | 406,915 | 2,002,315 | 5,083,908 | 814,798 | 233,396 | 1,914,815 | 1,698,498 | 924,418 | 3,091,065 | 1,126,045 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Delaware, 12 establishments; Nevada, 2; Wyoming, 6.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| "Ice Cream and Ices" industry, all products, total value | $285,806,781 | $282,002,617 | $328,413,911 |
| Ice cream, frozen custard, ices, sherbets, etc. | 254,794,009 | 262,791,375 | 305,738,711 |
| Ice cream and other products not reported by kind | 987,241 | | |
| Miscellaneous products | 454,639 | 19,211,242 | 22,675,200 |
| Other products (not classified in this industry) | [1] 20,022,409 | | |
| Merchandise (goods bought and sold without processing) | 9,463,864 | | |
| Receipts for contract work | 84,619 | | |

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929—Continued

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Ice cream and ices, aggregate value | $276,009,446 | $287,063,118 | $332,079,800 |
| Made in the industry | 255,781,250 | 262,791,375 | 305,738,711 |
| Made as secondary products in other industries | 20,228,196 | 24,271,743 | 26,341,089 |

[1] Value of bakery products, beverages, butter, cheese (cottage), condensed and evaporated milk, confectionery, ice-cream mix, ice-milk mix, ice.

## TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

[The differences between the production of the various dairy products listed in this table and similar production shown by the Agricultural Marketing Service of the U. S. Department of Agriculture in its annual report on the production of manufactured dairy products, are due to the fact that the Agricultural Marketing Service includes in its figures reports from all producers, whereas the Bureau of the Census does not include in its figures the output of any establishment which reported a production valued at less than $5,000. Also, the figures of the Agricultural Marketing Service are based upon the calendar year, whereas those of the Census Bureau in some instances include reports by manufacturers on a fiscal year basis]

| PRODUCT | 1939 | | | 1937 | 1929 |
|---|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | | |
| Aggregate value | $255,781,250 | $20,228,196 | $276,009,446 | $287,063,118 | $332,079,800 |
| Ice cream, except specialties: | | | | | |
| Gallons | 230,519,255 | 20,256,163 | 250,775,418 | 252,299,201 | 267,274,485 |
| Value | $207,477,941 | $17,996,246 | $225,474,187 | $237,262,346 | $314,916,795 |
| Frozen custards: | | | | | |
| Gallons | 1,379,618 | 40,055 | 1,419,673 | (1) | (1) |
| Value | $1,323,084 | $27,504 | $1,350,588 | | |
| Ices, sherbets, frappés, etc.: | | | | | |
| Gallons | 7,797,200 | 571,265 | 8,368,465 | 9,086,247 | 5,163,370 |
| Value | $6,111,729 | $490,078 | $6,601,807 | $7,614,082 | $5,971,138 |
| Ice milk, except specialties: | | | | | |
| Gallons | 4,932,971 | 285,797 | 5,218,768 | 4,664,100 | (1) |
| Value | $2,973,429 | $143,735 | $3,117,164 | $2,625,207 | |
| Specialties (cups, sticks, etc.): | | | | | |
| Made with ice-cream base— | | | | | |
| Gallons | 26,324,386 | 1,340,722 | 27,665,108 | | |
| Value | $30,476,690 | $1,387,171 | $31,863,861 | | |
| Made with ice-milk base— | | | | | |
| Gallons | 4,156,858 | 86,574 | 4,243,432 | 33,940,094 | 7,339,137 |
| Value | $3,556,663 | $64,818 | $3,621,481 | $39,561,483 | $11,191,867 |
| Made with water-ice, etc., base— | | | | | |
| Gallons | 2,915,723 | 124,091 | 3,039,814 | | |
| Value | $2,668,651 | $97,247 | $2,765,898 | | |
| Frozen malted milk, total value | $205,822 | $21,397 | $227,219 | | |
| Quantity reported in pounds— | | | | | |
| Pounds | 2,309,187 | | 2,309,187 | (1) | (1) |
| Value | $205,822 | | $205,822 | | |
| Quantity reported in gallons— | | | | | |
| Gallons | | 49,266 | 49,266 | | |
| Value | | $21,397 | $21,397 | | |
| Ice cream and other products, not reported by kind | $987,241 | | $987,241 | | |

[1] Data not called for on schedule.

## TABLE 5.—PRODUCTION OF ICE CREAM AND RELATED PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

[See headnote to table 4]

| STATE | ICE CREAM | | ICE MILK (EXCEPT SPECIALTIES) | | FROZEN CUSTARDS | | ICES, SHERBETS, FRAPPÉS, ETC. | |
|---|---|---|---|---|---|---|---|---|
| | Gallons | Value | Gallons | Value | Gallons | Value | Gallons | Value |
| United States | 250,775,418 | $225,474,187 | 5,218,768 | $3,117,164 | 1,419,673 | $1,350,588 | 8,368,465 | $6,601,807 |
| Alabama | 1,871,820 | 1,818,855 | | | | | 62,961 | 55,415 |
| Arizona | 720,214 | 560,733 | 65,397 | 35,409 | (1) | (1) | 44,631 | 35,205 |
| Arkansas | 1,077,922 | 862,497 | (1) | (1) | (1) | (1) | 11,764 | 8,372 |
| California | 14,990,264 | 12,553,409 | 2,868,470 | 1,612,801 | (1) | (1) | 1,050,458 | 836,896 |
| Colorado | 2,377,155 | 1,990,899 | 63,520 | 27,517 | 55,420 | 40,106 | 113,515 | 106,050 |
| Connecticut | 3,007,336 | 2,964,295 | (1) | (1) | (1) | (1) | 85,787 | 72,411 |
| District of Columbia | 3,157,393 | 3,171,678 | | | | | 71,537 | 62,994 |
| Florida | 2,208,252 | 2,127,806 | 20,294 | 15,379 | (1) | (1) | 103,972 | 96,159 |
| Georgia | 2,343,932 | 2,059,409 | | | (1) | (1) | 44,764 | 31,798 |
| Idaho | 767,635 | 704,201 | 73,778 | 37,265 | | | 21,144 | 17,976 |
| Illinois | 16,536,168 | 15,563,198 | 340,195 | 273,125 | 265,893 | 181,000 | 616,928 | 467,373 |
| Indiana | 7,435,297 | 5,610,399 | (1) | (1) | (1) | (1) | 175,404 | 128,022 |
| Iowa | 5,655,387 | 4,847,290 | (1) | (1) | (1) | (1) | 161,353 | 109,651 |
| Kansas | 2,731,651 | 2,314,903 | (1) | (1) | (1) | (1) | 102,423 | 69,072 |
| Kentucky | 1,929,870 | 1,684,096 | | | (1) | (1) | 76,336 | 69,295 |
| Louisiana | 2,302,465 | 2,088,567 | (1) | (1) | (1) | (1) | 110,000 | 86,661 |
| Maine | 1,200,274 | 1,166,563 | | | (1) | (1) | 11,381 | 9,870 |
| Maryland | 4,812,558 | 4,454,784 | | | (1) | (1) | 46,941 | 49,197 |
| Massachusetts | 10,330,697 | 9,952,479 | (1) | (1) | (1) | (1) | 524,289 | 390,306 |
| Michigan | 11,673,925 | 9,308,956 | (1) | (1) | (1) | (1) | 255,092 | 187,455 |
| Minnesota | 6,969,332 | 5,562,492 | (1) | (1) | | | 159,757 | 129,420 |
| Mississippi | 1,153,116 | 1,115,470 | (1) | (1) | | | 73,677 | 60,746 |
| Missouri | 7,564,968 | 6,373,803 | (1) | (1) | 48,578 | 31,957 | 178,814 | 145,742 |
| Montana | 1,028,277 | 943,786 | | | | | 15,165 | 11,403 |
| Nebraska | 2,338,651 | 2,008,839 | (1) | (1) | (1) | (1) | 120,171 | 99,047 |
| New Hampshire | 619,723 | 682,660 | | | | | 10,761 | 11,917 |
| New Jersey | 6,433,789 | 6,696,119 | | | 102,411 | 164,796 | 169,910 | 150,041 |
| New Mexico | 368,286 | 310,382 | (1) | (1) | (1) | (1) | 15,580 | 11,865 |
| New York | 26,754,122 | 26,924,278 | 66,046 | 63,809 | 29,608 | 34,437 | 1,094,959 | 944,004 |
| North Carolina | 2,597,402 | 2,463,342 | 162,114 | 92,620 | (1) | (1) | 302,204 | 225,192 |

See footnote at end of table.

TABLE 5.—PRODUCTION OF ICE CREAM AND RELATED PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939—Continued

| STATE | ICE CREAM | | ICE MILK (EXCEPT SPECIALTIES) | | FROZEN CUSTARDS | | ICES, SHERBETS, FRAPPÉS, ETC. | |
|---|---|---|---|---|---|---|---|---|
| | Gallons | Value | Gallons | Value | Gallons | Value | Gallons | Value |
| North Dakota | 800, 154 | $729, 418 | | | | | 12, 481 | $11, 308 |
| Ohio | 18, 695, 193 | 15, 047, 042 | 306, 449 | $169, 244 | 30, 629 | $18. 070 | 434, 467 | 330, 334 |
| Oklahoma | 2, 941. 427 | 2, 283, 915 | | | 46, 389 | 40, 198 | 79, 321 | 65, 748 |
| Oregon | 1, 630, 763 | 1, 378, 421 | 159, 831 | 103, 797 | | | 45, 283 | 37, 949 |
| Pennsylvania | 35, 811, 345 | 35, 274, 887 | (1) | (1) | 61, 053 | 72, 081 | 549, 722 | 407, 044 |
| Rhode Island | 2, 568, 361 | 2, 140, 053 | (1) | (1) | | | 38, 180 | 32, 655 |
| South Carolina | 996, 745 | 895, 037 | | | (1) | (1) | 125, 932 | 107, 674 |
| South Dakota | 1, 133, 768 | 988, 950 | (1) | (1) | (1) | (1) | 21, 537 | 15, 766 |
| Tennessee | 3, 482, 765 | 2, 895, 679 | (1) | (1) | | | 109, 557 | 88, 897 |
| Texas | 10, 042. 081 | 7, 795, 766 | 305, 804 | 205, 310 | 26, 849 | 22, 045 | 777, 846 | 550, 390 |
| Utah | 922, 710 | 929, 770 | 79, 307 | 42, 431 | (1) | (1) | 26, 511 | 25, 410 |
| Vermont | 568, 928 | 470, 099 | (1) | (1) | (1) | (1) | 9, 124 | 5, 184 |
| Virginia | 2, 954, 794 | 2, 667, 119 | (1) | (1) | (1) | (1) | 66, 173 | 49, 030 |
| Washington | 3, 342, 924 | 2, 760, 133 | 120, 843 | 80, 975 | 40, 205 | 33, 419 | 42, 182 | 27, 543 |
| West Virginia | 2, 515, 019 | 1, 728, 071 | (1) | (1) | (1) | (1) | 36, 677 | 28, 022 |
| Wisconsin | 7, 725, 073 | 6, 841, 669 | 13, 693 | 8, 692 | 13, 160 | 9, 897 | 126, 821 | 105, 599 |
| Delaware, Nevada, and Wyoming | 1, 685, 487 | 1, 761, 970 | (1) | (1) | (1) | (1) | 34, 973 | 33, 699 |
| Undistributed (items covered by footnote 1) | | | 573, 027 | 348, 790 | 699, 478 | 702, 582 | | |

| STATE | ICE-CREAM SPECIALTIES (CUPS, STICKS, ETC., REPORTED IN ICE-CREAM EQUIVALENT) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Total | | Made with an ice-cream base | | Made with an ice-milk base | | Made with water-ice, etc., base | |
| | Gallons | Value | Gallons | Value | Gallons | Value | Gallons | Value |
| United States | 34, 948, 354 | $38, 251, 240 | 27, 665, 108 | $31, 863, 861 | 4, 243, 432 | $3, 621, 481 | 3, 039, 814 | $2, 765, 898 |
| Alabama | 314, 391 | 314, 374 | 291, 125 | 297, 566 | | | 23, 266 | 16, 808 |
| Arizona | 165, 804 | 141, 565 | 60, 586 | 58, 357 | 72, 966 | 59, 076 | 32, 252 | 24, 132 |
| Arkansas | 155, 643 | 102, 482 | (1) | (1) | (1) | (1) | (1) | (1) |
| California | 4, 629, 094 | 4, 088, 439 | 2, 205, 630 | 2, 144, 984 | 2, 039, 726 | 1, 712, 956 | 383, 738 | 230, 499 |
| Colorado | 200, 503 | 176, 793 | 113, 578 | 115, 642 | 39, 853 | 35, 045 | 47, 072 | 29, 106 |
| Connecticut | 521, 019 | 648, 275 | 412, 278 | 541, 850 | 55, 160 | 60, 757 | 53, 581 | 45, 668 |
| District of Columbia | 443, 958 | 466, 197 | (1) | (1) | | | (1) | (1) |
| Florida | 774, 299 | 747, 694 | 481, 406 | 505, 606 | 217, 518 | 159, 022 | 75, 375 | 83, 066 |
| Georgia | 518, 091 | 511, 359 | 439, 543 | 465, 067 | (1) | (1) | (1) | (1) |
| Idaho | 77, 028 | 61, 121 | 59, 375 | 44, 496 | (1) | (1) | (1) | (1) |
| Illinois | 2, 694, 582 | 2, 941, 316 | 2, 014, 313 | 2, 352, 294 | 425, 136 | 367, 934 | 255, 133 | 221, 088 |
| Indiana | 701, 335 | 663, 471 | 642, 850 | 609, 555 | (1) | (1) | (1) | (1) |
| Iowa | 378, 246 | 427, 493 | 358, 619 | 405, 540 | 12, 029 | 14, 020 | 7, 598 | 7, 933 |
| Kansas | 74, 697 | 75, 392 | 74, 697 | 75, 392 | | | | |
| Kentucky | 283, 598 | 310, 192 | 242, 004 | 271, 265 | 21, 899 | 19, 435 | 19, 695 | 19, 492 |
| Louisiana | 366, 572 | 395, 982 | 337, 509 | 362, 537 | (1) | (1) | (1) | (1) |
| Maine | 285, 715 | 317, 293 | 253, 131 | 286, 758 | (1) | (1) | (1) | (1) |
| Maryland | 616, 857 | 698, 288 | 471, 206 | 580, 886 | 51, 423 | 47, 553 | 94, 228 | 69, 849 |
| Massachusetts | 1, 471, 501 | 1, 576, 151 | 1, 270, 826 | 1, 377, 586 | (1) | (1) | (1) | (1) |
| Michigan | 1, 132, 612 | 1, 325, 850 | 1, 017, 946 | 1, 191, 915 | 45, 525 | 68, 584 | 69, 141 | 65, 351 |
| Minnesota | 498, 785 | 587, 040 | 475, 612 | 559, 816 | (1) | (1) | (1) | (1) |
| Mississippi | 103, 176 | 152, 078 | (1) | (1) | | | (1) | (1) |
| Missouri | 867, 116 | 880, 830 | 724, 572 | 765, 270 | 106, 213 | 81, 141 | 36, 331 | 34, 419 |
| Montana | 48, 975 | 46, 766 | 40, 246 | 38, 163 | (1) | (1) | (1) | (1) |
| Nebraska | 137, 197 | 152, 172 | 127, 603 | 142, 233 | (1) | (1) | (1) | (1) |
| New Hampshire | 50, 332 | 64, 616 | (1) | (1) | (1) | (1) | (1) | (1) |
| New Jersey | 560, 477 | 596, 028 | (1) | (1) | | | (1) | (1) |
| New Mexico | 5, 380 | 4, 984 | (1) | (1) | (1) | (1) | (1) | (1) |
| New York | 7, 541, 286 | 9, 984, 869 | 6, 761, 064 | 9, 058, 103 | 109, 358 | 154, 935 | 670, 864 | 771, 831 |
| North Carolina | 1, 094, 147 | 1, 154, 286 | 939, 336 | 1, 015, 085 | 100, 879 | 92, 224 | 53, 932 | 46, 977 |
| North Dakota | 20, 307 | 32, 409 | (1) | (1) | | | (1) | (1) |
| Ohio | 1, 389, 320 | 1, 591, 206 | 1, 300, 240 | 1, 525, 901 | 27, 608 | 23, 987 | 61, 472 | 41, 318 |
| Oklahoma | 324, 100 | 329, 212 | 306, 621 | 312, 639 | (1) | (1) | (1) | (1) |
| Oregon | 276, 831 | 225, 414 | 184, 731 | 158, 721 | (1) | (1) | (1) | (1) |
| Pennsylvania | 1, 643, 788 | 1, 985, 260 | 1, 465, 923 | 1, 822, 643 | 26, 670 | 25, 017 | 151, 195 | 137, 600 |
| Rhode Island | 465, 624 | 387, 650 | 390, 919 | 333, 216 | (1) | (1) | (1) | (1) |
| South Carolina | 271, 778 | 255, 898 | 226, 951 | 218, 646 | (1) | (1) | (1) | (1) |
| South Dakota | 63, 388 | 77, 793 | (1) | (1) | (1) | (1) | (1) | (1) |
| Tennessee | 908, 056 | 764, 838 | 694, 257 | 616, 438 | 145, 981 | 84, 586 | 67, 818 | 63, 814 |
| Texas | 801, 487 | 783, 183 | 663, 211 | 671, 079 | 69, 632 | 63, 033 | 68, 644 | 49, 071 |
| Utah | 142, 968 | 149, 818 | 71, 221 | 79, 911 | (1) | (1) | (1) | (1) |
| Vermont | 122, 333 | 104, 700 | (1) | (1) | (1) | (1) | (1) | (1) |
| Virginia | 633, 151 | 706, 838 | 519, 689 | 598, 569 | 64, 689 | 59, 080 | 48, 773 | 49, 189 |
| Washington | 271, 685 | 268, 022 | 137, 643 | 157, 261 | 120, 221 | 104, 557 | 13, 821 | 6, 204 |
| West Virginia | 150, 245 | 126, 794 | 133, 684 | 118, 813 | (1) | (1) | (1) | (1) |
| Wisconsin | 524, 061 | 594, 802 | 460, 182 | 536, 212 | 1, 109 | 1, 724 | 62, 770 | 56, 866 |
| Delaware, Nevada, and Wyoming | 226, 816 | 254, 007 | (1) | (1) | (1) | (1) | (1) | (1) |
| Undistributed (items covered by footnote 1) | | | 1, 294, 781 | 1, 447, 846 | 489, 837 | 386, 815 | 743, 115 | 698, 617 |

[1] Figures for specified products, withheld for certain States in order to avoid disclosing, exactly or approximately, the production of individual establishments, are included in the figures at the foot of the table, in the appropriate columns.

TABLE 6.—ESTABLISHMENTS IN THE ICE-CREAM AND ICES INDUSTRY WHICH MADE ICE CREAM, CLASSIFIED ACCORDING TO PRODUCTION: 1939 AND 1937

| | 1939 | | 1937 | |
|---|---|---|---|---|
| | Number of establishments per group | Total gallons per group [1] | Number of establishments per group | Total gallons per group [1] |
| Total | [2] 2,634 | 230,519,255 | [2] 2,821 | 227,496,098 |
| Under 5,000 gallons | 108 | 377,210 | 219 | 762,137 |
| 5,000 to 9,999 gallons | 315 | 2,354,540 | 437 | 3,178,019 |
| 10,000 to 24,999 gallons | 651 | 10,846,312 | 710 | 11,575,388 |
| 25,000 to 49,999 gallons | 572 | 20,011,894 | 539 | 19,223,160 |
| 50,000 to 99,999 gallons | 494 | 34,640,535 | 440 | 30,827,495 |
| 100,000 to 249,999 gallons | 324 | 49,453,608 | 300 | 46,706,352 |
| 250,000 to 499,999 gallons | 103 | 35,460,930 | 110 | 37,368,728 |
| 500,000 gallons and over | 67 | 77,374,226 | 66 | 77,854,819 |

[1] These figures refer to production of ice cream made in the "Ice Cream and Ices" industry only, and do not include data for ice cream made as a secondary product by establishments engaged primarily in other lines of manufacture.

[2] The differences between these totals and those given in table 1 are accounted for by the fact that certain establishments classified in the industry were engaged in the manufacture of specialties, ices, and other commodities, but made no ice cream.

TABLE 7.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 15,711 | 11,912 | 12,083 | 12,899 | 14,909 | 17,947 | 20,315 | 20,678 | 20,002 | 17,528 | 14,493 | 13,023 | 12,746 |
| 1937 | 18,664 | 14,146 | 14,568 | 15,483 | 17,817 | 21,650 | 24,083 | 24,578 | 23,712 | 20,845 | 16,705 | 15,290 | 14,786 |
| 1929 | 22,399 | 18,570 | 18,597 | 19,524 | 21,893 | 23,741 | 26,745 | 27,778 | 27,060 | 24,681 | 21,336 | 19,795 | 19,071 |
| Alabama | 194 | 157 | 157 | 167 | 194 | 215 | 244 | 236 | 233 | 217 | 184 | 165 | 153 |
| Arizona | 76 | 68 | 71 | 74 | 80 | 84 | 84 | 82 | 82 | 79 | 75 | 72 | 66 |
| Arkansas | 96 | 57 | 58 | 69 | 78 | 102 | 136 | 144 | 140 | 139 | 91 | 71 | 64 |
| California | 1,047 | 822 | 831 | 887 | 1,042 | 1,127 | 1,233 | 1,220 | 1,205 | 1,186 | 1,092 | 990 | 927 |
| Colorado | 168 | 145 | 149 | 157 | 164 | 173 | 209 | 219 | 200 | 174 | 151 | 140 | 139 |
| Connecticut | 231 | 180 | 181 | 184 | 219 | 279 | 321 | 324 | 308 | 227 | 197 | 181 | 176 |
| Delaware | 44 | 32 | 31 | 33 | 41 | 46 | 60 | 62 | 58 | 46 | 40 | 38 | 36 |
| District of Columbia | 175 | 156 | 151 | 162 | 170 | 192 | 217 | 205 | 184 | 173 | 173 | 155 | 166 |
| Florida | 260 | 255 | 272 | 256 | 261 | 261 | 255 | 252 | 255 | 254 | 256 | 265 | 282 |
| Georgia | 211 | 172 | 178 | 186 | 208 | 237 | 246 | 257 | 248 | 239 | 199 | 185 | 180 |
| Idaho | 35 | 24 | 24 | 26 | 34 | 40 | 45 | 48 | 48 | 43 | 35 | 29 | 28 |
| Illinois | 1,026 | 725 | 754 | 816 | 959 | 1,249 | 1,396 | 1,391 | 1,353 | 1,182 | 897 | 803 | 788 |
| Indiana | 445 | 358 | 365 | 376 | 404 | 477 | 545 | 559 | 552 | 498 | 424 | 392 | 386 |
| Iowa | 261 | 193 | 191 | 201 | 238 | 303 | 359 | 362 | 335 | 294 | 241 | 210 | 201 |
| Kansas | 200 | 156 | 156 | 174 | 196 | 212 | 244 | 257 | 254 | 220 | 192 | 176 | 160 |
| Kentucky | 105 | 82 | 79 | 83 | 95 | 110 | 131 | 133 | 132 | 127 | 106 | 95 | 85 |
| Louisiana | 161 | 144 | 149 | 151 | 155 | 161 | 169 | 178 | 173 | 173 | 170 | 154 | 152 |
| Maine | 93 | 57 | 61 | 66 | 77 | 109 | 132 | 143 | 129 | 109 | 80 | 71 | 82 |
| Maryland | 257 | 188 | 194 | 213 | 266 | 288 | 328 | 338 | 325 | 284 | 231 | 214 | 218 |
| Massachusetts | 608 | 421 | 424 | 457 | 547 | 710 | 816 | 859 | 876 | 670 | 532 | 497 | 493 |
| Michigan | 587 | 440 | 447 | 471 | 519 | 697 | 740 | 814 | 758 | 651 | 543 | 480 | 487 |
| Minnesota | 327 | 247 | 252 | 272 | 302 | 370 | 413 | 438 | 410 | 372 | 313 | 273 | 267 |
| Mississippi | 101 | 81 | 83 | 88 | 96 | 110 | 113 | 123 | 123 | 118 | 101 | 88 | 83 |
| Missouri | 405 | 311 | 311 | 340 | 372 | 439 | 487 | 522 | 508 | 479 | 402 | 348 | 343 |
| Montana | 33 | 28 | 27 | 29 | 29 | 34 | 35 | 40 | 37 | 38 | 36 | 28 | 30 |
| Nebraska | 126 | 94 | 95 | 98 | 113 | 136 | 149 | 165 | 165 | 158 | 130 | 108 | 102 |
| New Hampshire | 36 | 26 | 27 | 25 | 27 | 35 | 48 | 59 | 60 | 49 | 31 | 27 | 23 |
| New Jersey | 352 | 240 | 250 | 265 | 326 | 437 | 504 | 522 | 490 | 371 | 300 | 262 | 259 |
| New Mexico | 31 | 25 | 24 | 26 | 30 | 33 | 39 | 36 | 36 | 35 | 30 | 29 | 25 |
| New York | 1,891 | 1,117 | 1,138 | 1,304 | 1,880 | 2,572 | 2,940 | 2,926 | 2,762 | 2,137 | 1,477 | 1,247 | 1,190 |
| North Carolina | 259 | 196 | 205 | 220 | 243 | 281 | 322 | 322 | 323 | 299 | 252 | 229 | 218 |
| North Dakota | 18 | 16 | 16 | 16 | 17 | 19 | 20 | 21 | 21 | 20 | 17 | 16 | 16 |
| Ohio | 1,192 | 955 | 983 | 1,023 | 1,113 | 1,303 | 1,480 | 1,479 | 1,448 | 1,319 | 1,126 | 1,042 | 1,037 |
| Oklahoma | 176 | 145 | 142 | 161 | 180 | 200 | 230 | 225 | 213 | 197 | 164 | 133 | 116 |
| Oregon | 87 | 55 | 60 | 68 | 88 | 101 | 112 | 106 | 117 | 102 | 89 | 72 | 70 |
| Pennsylvania | 1,981 | 1,672 | 1,674 | 1,713 | 1,840 | 2,193 | 2,469 | 2,428 | 2,393 | 2,123 | 1,832 | 1,705 | 1,728 |
| Rhode Island | 132 | 99 | 95 | 97 | 110 | 150 | 191 | 194 | 179 | 149 | 114 | 105 | 105 |
| South Carolina | 70 | 48 | 50 | 60 | 66 | 74 | 88 | 94 | 94 | 85 | 76 | 58 | 46 |
| South Dakota | 53 | 41 | 45 | 43 | 46 | 53 | 64 | 74 | 70 | 65 | 56 | 42 | 40 |
| Tennessee | 258 | 171 | 173 | 205 | 237 | 275 | 350 | 379 | 360 | 329 | 241 | 194 | 185 |
| Texas | 687 | 547 | 543 | 615 | 696 | 759 | 818 | 852 | 812 | 777 | 669 | 592 | 564 |
| Utah | 108 | 72 | 69 | 75 | 104 | 120 | 147 | 160 | 146 | 120 | 98 | 91 | 93 |
| Vermont | 45 | 31 | 30 | 32 | 34 | 50 | 64 | 69 | 79 | 49 | 33 | 33 | 31 |
| Virginia | 288 | 227 | 225 | 248 | 274 | 294 | 370 | 388 | 378 | 320 | 264 | 238 | 225 |
| Washington | 190 | 144 | 144 | 153 | 179 | 212 | 233 | 252 | 244 | 214 | 182 | 165 | 164 |
| West Virginia | 156 | 131 | 131 | 133 | 143 | 158 | 199 | 199 | 188 | 173 | 150 | 132 | 133 |
| Wisconsin | 398 | 335 | 342 | 354 | 387 | 433 | 484 | 483 | 460 | 412 | 370 | 355 | 356 |

TABLE 8.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 2,734 |
| Reporting expenditures for plant and equipment | 1,586 |
| Value of products: | |
| Total for the industry | $285,806,781 |
| Reporting expenditures for plant and equipment | 226,762,529 |
| Expenditures for plant and equipment: | |
| Total for the industry | 13,961,447 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 2,996,449 |
| Expenditures for new machinery and operating equipment | 9,807,334 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 866,533 |
| Expenditures unclassified | 291,131 |

TABLE 9.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $14,190,987 | $12,349,619 |
| Finished products | 4,320,527 | 3,760,638 |
| Materials, supplies, etc. | 9,870,460 | 8,588,981 |
| End of the year, total | 15,776,159 | 13,954,426 |
| Finished products | 4,526,700 | 4,084,367 |
| Materials, supplies, etc. | 11,249,459 | 9,870,059 |
| Value of products for the industry, total | 285,806,781 | 282,002,617 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 276,105,411 | 232,718,490 |
| Value for establishments not reporting inventories | 9,701,370 | 49,284,127 |

TABLE 10.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 2,734 | 3,150 |
| Number of establishments reporting power equipment | 2,701 | 3,142 |
| Prime movers, aggregate: | | |
| Number | 294 | 343 |
| Horsepower | 21,504 | 22,580 |
| Prime movers, driving generators, total— | | |
| Number | 83 | [1] 343 |
| Horsepower | 7,932 | [1] 22,580 |
| Steam engines— | | |
| Number | 13 | [1] 221 |
| Horsepower | 2,365 | [1] 15,813 |

TABLE 10.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929—Continued

| | 1939 | 1929 |
|---|---|---|
| Prime movers—Continued. | | |
| Prime movers, driving generators—Continued. | | |
| Steam turbines— | | |
| Number | 4 | [1] 17 |
| Horsepower | 175 | [1] 560 |
| Diesel and semi-Diesel engines— | | |
| Number | 42 | |
| Horsepower | 3,839 | [1] 105 |
| Other internal-combustion engines [2]— | | [1] 6,207 |
| Number | 23 | |
| Horsepower | 1,528 | |
| Hydroturbines and water wheels— | | |
| Number | 1 | ---------- |
| Horsepower | 25 | ---------- |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 75 | |
| Prime movers not driving generators, total— | | |
| Number | 211 | |
| Horsepower | 13,572 | |
| Steam engines— | | |
| Number | 96 | |
| Horsepower | 7,611 | |
| Steam turbines— | | |
| Number | 8 | |
| Horsepower | 449 | (3) |
| Diesel and semi-Diesel engines— | | |
| Number | 37 | |
| Horsepower | 1,831 | |
| Other internal-combustion engines [2]— | | |
| Number | 69 | |
| Horsepower | 3,678 | |
| Hydroturbines and water wheels— | | |
| Number | 1 | |
| Horsepower | 3 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 1,435 | |
| Generators, kilowatt rating, total | 5,112 | 4,538 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 1,590 | |
| Steam turbines, kilowatt rating | 100 | |
| Diesel and semi-Diesel engines, kilowatt rating | 2,477 | (3) |
| Other internal-combustion engines,[2] kilowatt rating | 928 | |
| Hydroturbines and water wheels, kilowatt rating | 17 | |
| Generators, ordinarily idle (included above), kilowatt rating | 47 | (4) |
| Electric motors, total: | | |
| Number | 38,831 | 29,888 |
| Horsepower | 225,615 | 212,150 |
| Driven by purchased energy— | | |
| Number | 37,611 | 29,017 |
| Horsepower | 220,022 | 208,302 |
| Driven by energy generated in establishments reporting— | | |
| Number | 1,220 | 871 |
| Horsepower | 5,593 | 3,848 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 3,834,243 | (4) |
| Sold | 38,000 | (3) |
| Purchased | 294,092,825 | 258,918,809 |

[1] Includes data for prime movers not driving generators.
[2] Gas, gasoline, etc.
[3] Not called for on schedule. [4] Data not available.

# SPECIAL DAIRY PRODUCTS

[A preliminary report for this industry was issued December 12, 1940]

**Description of the industry.**—This industry embraces establishments primarily engaged in the manufacture of processed butter, processed cheese, cheese pastes and spreads, malted milk, and fermented milks. For censuses prior to that for 1937 these commodities were classified as products of the "Food preparations, not elsewhere classified" industry, and no comparable statistics are therefore available on the number of wage earners, wages, cost of materials, and value of products for the "Special dairy products" industry for years prior to 1937.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, and purchased electric energy | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 51 | 2,378 | $2,426,951 | $50,383,865 | $57,569,300 | $7,185,435 | 3,365 |
| 1937 [4] | 34 | 1,911 | 2,017,141 | 45,216,788 | 52,522,503 | 7,305,715 | (5) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, and purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] No comparable data for years prior to 1937. See "Description of the industry," above.
[5] Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | New York | Ohio | Wisconsin | Other States [1] |
|---|---|---|---|---|---|
| Number of establishments [2] | 51 | 5 | 6 | 10 | 30 |
| Proprietors and firm members | 11 | 1 | 3 | 1 | 6 |
| Persons reported by manufacturing establishments, total [3] | 3,085 | 64 | 60 | 1,430 | 1,531 |
| Salaried officers of corporations [3] | 34 | 8 | 4 | 6 | 16 |
| Manufacturing: | | | | | |
| Salaried employees [3] | 330 | 3 | 5 | 174 | 148 |
| Wage earners (average for the year) [4] | 2,378 | 31 | 39 | 1,072 | 1,236 |
| Distribution | 285 | 22 | 11 | 134 | 118 |
| Construction | 10 | | 1 | 9 | |
| Other | 48 | | | 35 | 13 |
| Salaries and wages, total [3] | $3,800,085 | $130,403 | $64,439 | $1,871,130 | $1,734,113 |
| Salaried officers [3] | 187,448 | 50,009 | 9,699 | 32,620 | 95,120 |
| Manufacturing: | | | | | |
| Salaries [3] | 661,754 | 3,582 | 6,483 | 368,696 | 282,993 |
| Wages | 2,426,951 | 27,666 | 34,268 | 1,147,999 | 1,217,018 |
| Distribution | 444,728 | 49,146 | 12,990 | 250,859 | 131,733 |
| Construction | 19,955 | | 999 | 18,956 | |
| Other | 59,249 | | | 52,000 | 7,249 |

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | United States | New York | Ohio | Wisconsin | Other States [1] |
|---|---|---|---|---|---|
| Cost of materials, supplies, containers, fuel, and purchased electric energy, total | $50,383,865 | $744,241 | $155,799 | $24,551,847 | $24,931,978 |
| Materials, supplies, and containers | 50,101,204 | 740,471 | 149,677 | 24,395,048 | 24,816,008 |
| Fuel | 133,338 | 1,045 | 5,564 | 92,594 | 34,135 |
| Purchased electric energy | 149,323 | 2,725 | 558 | 64,205 | 81,835 |
| Value of products | 57,569,300 | 1,141,177 | 274,343 | 27,132,244 | 29,021,536 |
| Value added by manufacture [3] | 7,185,435 | 396,936 | 118,544 | 2,580,397 | 4,089,558 |

[1] Alabama, 1 establishment; California, 3; Colorado, 1; Georgia, 1; Idaho, 1; Illinois, 6; Maryland, 2; Massachusetts, 1; Michigan, 2; Minnesota, 2; Mississippi, 1; Missouri, 2; New Jersey, 2; Pennsylvania, 2; Tennessee, 2; Texas, 1.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, and purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| "Special Dairy Products" industry, all products, total value | $57,569,300 | $52,522,503 |
| Special dairy products | 53,845,883 | 50,901,880 |
| Miscellaneous products | 1,767,792 | 1,620,623 |
| Receipts for contract work and merchandise (goods bought and sold without processing) | 101,436 | |
| Other products (not classified in this industry) | [1] 1,854,189 | |
| Special dairy products, aggregate value | 59,715,647 | (2) |
| Made in the industry | 53,845,883 | 50,901,880 |
| Made in other industries | 5,869,764 | (2) |

[1] Value of baking powders, butter, cheese, salad dressings, soda fountain sirups, etc.
[2] Data not available.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Special dairy products, total value | $59,715,647 | (1) |
| Cheese, blended or processed: | | |
| Pounds | 296,284,019 | 244,315,063 |
| Value | $48,713,974 | $45,727,114 |
| Malted milk powder: | | |
| Pounds | 19,380,547 | (1) |
| Value | $3,010,957 | $6,546,855 |
| Malted milk products: | | |
| Pounds | 9,427,730 | |
| Value | $2,144,677 | |
| Butter, processed: | | |
| Pounds | 2,625,990 | (1) |
| Value | $550,557 | (1) |
| Ice-cream powders, value | $1,667,798 | $2,271,648 |
| Cheese spread and other special dairy products, value | $3,627,684 | (1) |

[1] Data not available.



463395—42——8

## TABLE 5.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 2,378 | 2,152 | 2,247 | 2,331 | 2,245 | 2,358 | 2,433 | 2,409 | 2,545 | 2,703 | 2,570 | 2,238 | 2,308 |
| 1937 | 1,911 | 1,763 | 1,796 | 1,902 | 1,889 | 1,869 | 1,895 | 2,009 | 2,077 | 2,034 | 1,999 | 1,874 | 1,826 |
| Illinois | 559 | 499 | 504 | 520 | 496 | 548 | 575 | 604 | 632 | 641 | 614 | 527 | 548 |
| New York | 31 | 42 | 42 | 41 | 40 | 18 | 40 | 18 | 40 | 19 | 34 | 33 | 10 |
| Ohio | 39 | 37 | 35 | 33 | 32 | 30 | 32 | 33 | 31 | 33 | 56 | 56 | 58 |
| Wisconsin | 1,072 | 959 | 1,014 | 1,105 | 1,006 | 1,077 | 1,094 | 1,082 | 1,151 | 1,255 | 1,162 | 971 | 985 |

## TABLE 6.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 51 |
| Reporting expenditures for plant and equipment | 35 |
| Value of products: | |
| Total for the industry | $57,569,300 |
| Reporting expenditures for plant and equipment | 56,449,264 |
| Expenditures for plant and equipment: | |
| Total for the industry | 571,395 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 60,157 |
| Expenditures for new machinery and operating equipment | 491,885 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 19,353 |

## TABLE 7.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $6,970,325 | $7,364,599 |
| Finished products | 3,709,301 | 4,119,268 |
| Materials, supplies, etc | 3,261,024 | 3,245,331 |
| End of year, total | 7,458,164 | 7,991,928 |
| Finished products | 4,381,011 | 4,393,981 |
| Materials, supplies, etc | 3,077,153 | 3,597,947 |
| Value of products for the industry, total | 57,569,300 | 52,522,503 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 56,773,290 | 52,162,396 |
| Value for establishments not reporting inventories | 796,010 | 360,107 |

## TABLE 8.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 [1]

| | 1939 |
|---|---|
| Number of establishments | 51 |
| Number of establishments reporting power equipment | 51 |
| Prime movers, aggregate: | |
| Number | 13 |
| Horsepower | 3,365 |
| Prime movers, steam engines, driving generators— | |
| Number | 6 |
| Horsepower | 965 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 450 |
| Prime movers, steam engines, not driving generators— | |
| Number | 7 |
| Horsepower | 2,400 |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 1,400 |
| Generators driven by steam engines, kilowatt rating | 810 |
| Generators, ordinarily idle (included above), kilowatt rating | 350 |
| Electric motors, total: | |
| Number | 2,193 |
| Horsepower | 8,605 |
| Driven by purchased energy— | |
| Number | 1,911 |
| Horsepower | 7,249 |
| Driven by energy generated in establishments reporting— | |
| Number | 282 |
| Horsepower | 1,356 |
| Electric energy (kilowatt-hours): | |
| Generated in plant | 362,290 |
| Purchased | 10,185,529 |

[1] Comparable data for 1929 not available.

# CANNED FISH, CRUSTACEA, AND MOLLUSKS

[A preliminary report for this industry was issued November 28, 1940]

**Description of the industry.**—This industry embraces establishments primarily engaged in canning fish and other sea foods. Shucking and packing of fresh oysters in nonsealed containers is not considered to be a manufacturing operation.

**Statistics for prior census years.**—No statistics for this industry are available for census years prior to 1937. In order to obtain figures comparable with those for 1939, a special tabulation was made of the 1937 reports which constituted part of the former industry designated as "Canned and cured fish, crabs, shrimps, oysters, and clams." There are no available figures for years prior to 1937.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 214 | 15,735 | $7,228,083 | $40,021,588 | $65,455,696 | $25,434,108 | 4,350 |
| 1937 [4] | 217 | 16,358 | 7,117,278 | 38,972,967 | 63,568,256 | 24,595,289 | ([5]) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] No comparable figures for years prior to 1937.
[5] Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Alabama | California | Florida | Georgia | Louisiana | Maine | Maryland | Massachusetts |
|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 214 | 3 | 33 | 4 | 5 | 31 | 38 | 5 | 3 |
| Proprietors and firm members | 103 | 1 | ---------- | 1 | 6 | 13 | 17 | 9 | 3 |
| Persons reported by manufacturing establishments, total [2] | 16,928 | 193 | 6,062 | 162 | 808 | 2,869 | 2,414 | 41 | 32 |
| Salaried officers of corporations [2] | 190 | 1 | 43 | 4 | 5 | 25 | 36 | ---------- | 2 |
| Manufacturing: | | | | | | | | | |
| Salaried employees [2] | 638 | 4 | 279 | 3 | 10 | 64 | 78 | 4 | 3 |
| Wage earners (average for the year) [3] | 15,735 | 187 | 5,558 | 154 | 793 | 2,754 | 2,294 | 37 | 27 |
| Distribution | 179 | 1 | 77 | 1 | ---------- | 22 | 5 | ---------- | ---------- |
| Construction | 97 | ---------- | 53 | ---------- | ---------- | 4 | 1 | ---------- | ---------- |
| Other | 89 | ---------- | 52 | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Salaries and wages, total [2] | $9,283,827 | $61,188 | $5,030,199 | $56,202 | $152,020 | $649,780 | $1,221,222 | $9,746 | $23,118 |
| Salaried officers [2] | 767,231 | 875 | 327,041 | 15,000 | 15,620 | 62,765 | 97,132 | ---------- | 2,000 |
| Manufacturing: | | | | | | | | | |
| Salaries [2] | 918,400 | 2,870 | 510,989 | 5,211 | 12,296 | 60,756 | 91,684 | 358 | 3,237 |
| Wages | 7,228,083 | 56,443 | 3,975,086 | 34,431 | 124,104 | 512,488 | 1,025,905 | 9,388 | 17,881 |
| Distribution | 189,839 | 1,000 | 113,431 | 1,560 | ---------- | 11,816 | 6,313 | ---------- | ---------- |
| Construction | 79,125 | ---------- | 46,246 | ---------- | ---------- | 1,955 | 188 | ---------- | ---------- |
| Other | 101,149 | ---------- | 57,406 | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 40,021,588 | 303,585 | 23,493,491 | 141,599 | 438,661 | 2,217,248 | 4,889,823 | 84,277 | 87,792 |
| Materials, supplies, and containers | 39,406,253 | 298,385 | 23,212,008 | 132,302 | 429,940 | 2,170,972 | 4,774,629 | 83,505 | 85,323 |
| Fuel | 401,987 | 4,047 | 171,372 | 8,199 | 5,365 | 34,022 | 94,095 | 551 | 1,442 |
| Purchased electric energy | 193,141 | 1,153 | 110,111 | 1,098 | 3,356 | 11,202 | 21,099 | 221 | 1,027 |
| Contract work | 20,207 | ---------- | ---------- | ---------- | ---------- | 1,052 | ---------- | ---------- | ---------- |
| Value of products | 65,455,696 | 473,042 | 37,503,642 | 264,270 | 678,086 | 3,459,798 | 8,159,590 | 114,534 | 152,702 |
| Value added by manufacture [4] | 25,434,108 | 169,457 | 14,010,151 | 122,671 | 239,425 | 1,242,550 | 3,269,767 | 30,257 | 64,910 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Mississippi | New York | North Carolina | Oregon | South Carolina | Virginia | Washington | Other States[5] |
|---|---|---|---|---|---|---|---|---|
| Number of establishments[1] | 15 | 4 | 4 | 14 | 6 | 3 | 41 | 5 |
| Proprietors and firm members | 6 | | 9 | 4 | 12 | 3 | 17 | 2 |
| Persons reported by manufacturing establishments, total[2] | 1,673 | 44 | 112 | 731 | 551 | 19 | 931 | 285 |
| Salaried officers of corporations[2] | 14 | 7 | 1 | 12 | 5 | | 28 | 7 |
| Manufacturing: | | | | | | | | |
| Salaried employees[2] | 42 | 4 | 7 | 33 | 18 | | 75 | 14 |
| Wage earners (average for the year)[3] | 1,592 | 20 | 104 | 605 | 527 | 19 | 799 | 264 |
| Distribution | 25 | 13 | | 21 | 1 | | 13 | |
| Construction | | | | 23 | | | 16 | |
| Other | | | | 37 | | | | |
| Salaries and wages, total[2] | $435,285 | $73,636 | $22,001 | $604,274 | $141,278 | $4,750 | $683,896 | $115,232 |
| Salaried officers[2] | 37,147 | 38,553 | 1,800 | 42,800 | 13,273 | | 82,733 | 30,492 |
| Manufacturing: | | | | | | | | |
| Salaries[2] | 41,203 | 3,470 | 1,535 | 45,584 | 18,711 | | 101,797 | 18,699 |
| Wages | 333,967 | 19,946 | 18,666 | 439,950 | 108,219 | 4,750 | 480,818 | 66,041 |
| Distribution | 22,968 | 11,667 | | 8,654 | 1,075 | | 11,355 | |
| Construction | | | | 23,918 | | | 6,818 | |
| Other | | | | 43,368 | | | 375 | |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 1,786,366 | 267,980 | 77,437 | 2,558,961 | 371,363 | 16,967 | 3,053,843 | 232,195 |
| Materials, supplies, and containers | 1,747,425 | 263,839 | 75,060 | 2,519,148 | 357,590 | 16,632 | 3,019,272 | 220,223 |
| Fuel | 24,898 | 2,314 | 2,057 | 13,833 | 10,700 | 220 | 23,498 | 5,374 |
| Purchased electric energy | 5,785 | 1,827 | 320 | 15,083 | 3,073 | 115 | 11,073 | 6,598 |
| Contract work | 8,258 | | | 10,897 | | | | |
| Value of products | 3,045,322 | 449,151 | 119,156 | 4,717,537 | 624,408 | 28,748 | 5,250,215 | 415,495 |
| Value added by manufacture[4] | 1,258,956 | 181,171 | 41,719 | 2,158,576 | 253,045 | 11,781 | 2,196,372 | 183,300 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] New Jersey, 1 establishment; Rhode Island, 1; Texas, 2; Wisconsin, 1.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Canned Fish, Crustacea, and Mollusks industry, all products, total value | $65,455,696 | $63,568,256 |
| Canned fish, shrimps, oysters, and clams | 56,954,426 | 56,223,773 |
| Miscellaneous products | 2,145,517 | 1,185,693 |
| Receipts for contract work | 37,627 | |
| Other products (not classified in this industry) | [1] 6,318,126 | 6,158,790 |
| Canned fish, crustacea, and mollusks, total value | 60,573,493 | 59,055,825 |
| Canned fish, crustacea, and mollusks reported by the industry | 56,954,426 | 56,223,773 |
| Canned fish, crustacea, and mollusks reported as secondary products of other industries | 3,619,067 | 2,832,052 |

[1] Value of marine-animal oil, fish meal, dog and cat food, smoked, salted, and pickled fish, fish glue, crushed oyster shells (for poultry feed), oyster-shell lime, and canned foods other than fish.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

[The statistics given in this table were compiled by the Fish and Wildlife Service, Department of the Interior. For production by States see Statistical Bulletin No. 1391, published by that Bureau]

| | 1939 | 1937 |
|---|---|---|
| Canned fish, shrimps, oysters, and clams: | | |
| Total, standard cases | 13,563,680 | 12,380,874 |
| Total value | $60,573,493 | $59,055,825 |
| Tuna and tunalike fish: | | |
| Standard cases[1] | 3,642,951 | 3,144,501 |
| Value | $20,079,567 | $18,995,779 |
| Salmon: | | |
| Standard cases[2] | 728,943 | 885,372 |
| Value | $7,339,727 | $8,386,165 |

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939 AND 1937—Continued

| | 1939 | 1937 |
|---|---|---|
| Sardines (pilchard): | | |
| Standard cases[2] | 3,108,082 | 2,812,456 |
| Value | $9,553,663 | $8,592,117 |
| Sardines (herring): | | |
| Standard cases[3] | 2,155,433 | 1,680,241 |
| Value | $6,911,579 | $4,998,373 |
| Mackerel: | | |
| Standard cases[2] | 889,389 | 840,832 |
| Value | $2,588,695 | $2,673,608 |
| Shrimps: | | |
| Wet pack: | | |
| Standard cases[4] | 989,725 | 962,576 |
| Value | $4,360,359 | $5,335,561 |
| Dry pack: | | |
| Standard cases[4] | 225,262 | 305,081 |
| Value | $993,327 | $1,709,001 |
| Oysters: | | |
| Standard cases[5] | 617,415 | 690,063 |
| Value | $2,430,782 | $2,839,760 |
| Clams: | | |
| Standard cases[5] | 207,636 | 214,350 |
| Value | $1,013,703 | $951,883 |
| Clam chowder, juice, bouillon, and broth: | | |
| Standard cases[6] | 697,051 | 531,667 |
| Value | $2,541,154 | $1,820,491 |
| Crabs: | | |
| Standard cases[7] | 10,425 | (8) |
| Value | $167,242 | |
| Other canned fish and fishery products[9]: | | |
| Standard cases[2] | 291,368 | [8] 313,135 |
| Value | $2,593,695 | [8] $2,753,087 |

[1] Standard case contains 48 ½-pound cans.
[2] Standard case contains 48 1-pound cans.
[3] Standard case contains 100 ¼-pound cans.
[4] Standard case contains 48 5-ounce cans for dry pack and 48 5¾-ounce cans for wet pack.
[5] Standard case contains 48 No. 1 cans (containing 5 oz. drained weight).
[6] Standard case contains 48 No. 1 cans (net weight per can 10 oz.).
[7] Standard case contains 48 1-pound cans (net weight per can 13 oz.).
[8] Figures for crabs included with "Other canned fish and fishery products".
[9] Fish flakes, cakes, chowder, and paste; shad and roe, caviar, salmon eggs (for bait), alewives and roe, miscellaneous fish, shellfish and roe, and turtle products.

TABLE 5.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 15,735 | 11,706 | 11,654 | 12,012 | 11,288 | 12,910 | 13,537 | 12,530 | 20,411 | 22,842 | 22,620 | 20,384 | 16,924 |
| 1937 | 16,358 | 14,206 | 13,864 | 13,816 | 14,222 | 14,332 | 13,130 | 13,335 | 22,921 | 24,440 | 19,692 | 17,945 | 14,394 |
| Alabama | 187 | 147 | 147 | 147 | 147 | 99 | 90 | 3 | 260 | 285 | 308 | 308 | 308 |
| California | 5,558 | 5,050 | 4,840 | 4,414 | 3,285 | 3,600 | 4,410 | 4,619 | 5,575 | 6,858 | 7,620 | 8,088 | 8,334 |
| Florida | 154 | 192 | 174 | 96 | 96 | 21 | 21 | 21 | 175 | 201 | 308 | 322 | 217 |
| Georgia | 793 | 729 | 705 | 947 | 946 | 924 | 947 | 731 | 757 | 790 | 798 | 760 | 487 |
| Louisiana | 2,754 | 909 | 1,380 | 957 | 1,499 | 2,067 | 1,722 | 651 | 5,239 | 5,649 | 4,959 | 4,764 | 3,250 |
| Maine | 2,294 | 498 | 421 | 584 | 1,657 | 2,792 | 3,858 | 3,957 | 4,063 | 3,751 | 3,767 | 1,535 | 643 |
| Maryland | 37 | 3 | 3 | 11 | 200 | 213 | 4 | | | | 2 | 3 | 3 |
| Massachusetts | 27 | 44 | 45 | 44 | 17 | 14 | 14 | 35 | 35 | 38 | 14 | 14 | 11 |
| Mississippi | 1,592 | 2,231 | 2,305 | 2,577 | 1,145 | 527 | 492 | 324 | 1,550 | 1,996 | 2,057 | 2,048 | 1,855 |
| New York | 20 | 19 | 19 | 19 | 19 | 20 | 21 | 20 | 20 | 20 | 22 | 23 | 23 |
| North Carolina | 104 | 36 | 36 | 256 | 401 | 404 | | 9 | 2 | | 33 | 37 | 36 |
| Oregon | 605 | 326 | 124 | 248 | 311 | 704 | 699 | 676 | 1,094 | 1,181 | 990 | 733 | 171 |
| South Carolina | 527 | 752 | 745 | 814 | 559 | 340 | 425 | 370 | 224 | 213 | 603 | 689 | 592 |
| Virginia | 19 | | | | 113 | 113 | | | | | | | |
| Washington | 799 | 669 | 608 | 693 | 664 | 901 | 500 | 911 | 1,315 | 1,427 | 682 | 655 | 562 |

TABLE 6.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 214 |
| Reporting expenditures for plant and equipment | 125 |
| Value of products: | |
| Total for the industry | $65,455,696 |
| Reporting expenditures for plant and equipment | 50,190,780 |
| Expenditures for plant and equipment: | |
| Total for the industry | 854,894 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 192,369 |
| Expenditures for new machinery and operating equipment | 382,733 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 216,797 |
| Expenditures unclassified | 62,995 |

TABLE 7.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $9,459,076 | $10,448,795 |
| Finished products | 8,266,873 | 9,175,723 |
| Materials, supplies, etc | 1,192,203 | 1,273,072 |
| End of year, total | 9,958,850 | 15,384,107 |
| Finished products | 8,684,081 | 13,510,528 |
| Materials, supplies, etc | 1,274,769 | 1,873,579 |
| Value of products for the industry, total | 65,455,696 | 63,568,256 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 50,795,691 | 59,813,098 |
| Value for establishments not reporting inventories | 14,660,005 | 3,755,158 |

TABLE 8.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 [1]

| | 1939 |
|---|---|
| Number of establishments | 214 |
| Number of establishments reporting power equipment | 212 |
| Prime movers, aggregate: | |
| Number | 134 |
| Horsepower | 4,350 |
| Prime movers, driving generators, total— | |
| Number | 18 |
| Horsepower | 801 |

TABLE 8.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 [1]—Continued

| | 1939 |
|---|---|
| Prime movers—Continued. | |
| Prime movers, driving generators—Continued. | |
| Steam engines— | |
| Number | 11 |
| Horsepower | 600 |
| Steam turbines— | |
| Number | 1 |
| Horsepower | 15 |
| Diesel and semi-Diesel engines— | |
| Number | 3 |
| Horsepower | 174 |
| Other internal-combustion engines [2]— | |
| Number | 1 |
| Horsepower | 8 |
| Hydroturbines and water wheels— | |
| Number | 2 |
| Horsepower | 4 |
| Prime movers not driving generators, total— | |
| Number | 116 |
| Horsepower | 3,549 |
| Steam engines— | |
| Number | 85 |
| Horsepower | 2,703 |
| Steam turbines— | |
| Number | 1 |
| Horsepower | 60 |
| Diesel and semi-Diesel engines— | |
| Number | 9 |
| Horsepower | 371 |
| Other internal-combustion engines [2]— | |
| Number | 20 |
| Horsepower | 414 |
| Hydroturbines and water wheels— | |
| Number | 1 |
| Horsepower | 1 |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 145 |
| Generators, kilowatt rating, total | 517 |
| Generators, driven by— | |
| Steam engines, kilowatt rating | 374 |
| Steam turbines, kilowatt rating | 8 |
| Diesel and semi-Diesel engines, kilowatt rating | 130 |
| Other internal-combustion engines,[2] kilowatt rating | 2 |
| Hydroturbines and water wheels, kilowatt rating | 3 |
| Electric motors, total: | |
| Number | 3,199 |
| Horsepower | 19,104 |
| Driven by purchased energy— | |
| Number | 3,130 |
| Horsepower | 18,690 |
| Driven by energy generated in establishments reporting— | |
| Number | 69 |
| Horsepower | 414 |
| Electric energy (kilowatt-hours): | |
| Generated in plant | 188,144 |
| Purchased | 12,333,175 |

[1] Comparable data for 1929 not available. [2] Gas, gasoline, etc.

# CURED FISH

[A preliminary report for this industry was issued December 5, 1940]

**Description of the industry.**—This industry embraces establishments primarily engaged in the smoking, salting, drying, or otherwise curing of fish for the wholesale trade.

**Statistics for prior census years.**—No statistics for this industry, other than those for products shown in table 4, are available for census years prior to 1937. In order to obtain figures comparable with those for 1939, a special tabulation was made of the 1937 reports which constituted part of the former industry designated "Canned and cured fish, crabs, shrimps, oysters, and clams." No comparable figures are available for earlier years.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 114 | 1,893 | $1,669,604 | $10,971,721 | $15,614,728 | $4,643,007 | 373 |
| 1937 [4] | 104 | 1,696 | 1,459,956 | 9,192,042 | 13,842,308 | 4,650,266 | ([5]) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] No comparable figures for years prior to 1937.
[5] Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[SEE GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | California | Illinois | Louisiana | Maine | Massachusetts | New York | Ohio | Pennsylvania | Virginia | Washington | Other States [1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [2] | 114 | 9 | 5 | 16 | 15 | 15 | 16 | 3 | 5 | 4 | 11 | 15 |
| Proprietors and firm members | 81 | 10 | | 13 | 18 | 2 | 11 | 2 | 5 | 3 | 6 | 11 |
| Persons reported by manufacturing establishments, total [3] | 2,344 | 56 | 79 | 57 | 277 | 1,047 | 342 | 13 | 79 | 41 | 194 | 158 |
| Salaried officers of corporations [3] | 53 | 1 | 5 | | 2 | 14 | 15 | 2 | 1 | | 6 | 7 |
| Manufacturing: | | | | | | | | | | | | |
| Salaried employees [3] | 196 | 4 | 5 | | 8 | 109 | 31 | | 6 | 1 | 19 | 13 |
| Wage earners (average for the year) [4] | 1,893 | 41 | 58 | 57 | 259 | 872 | 251 | 8 | 62 | 40 | 137 | 107 |
| Distribution | 175 | 7 | 11 | | 2 | 43 | 45 | 3 | 10 | | 26 | 28 |
| Construction | 19 | | | | 6 | 8 | | | | | 2 | 3 |
| Other | 8 | 3 | | | | 1 | | | | | 4 | |
| Salaries and wages, total [3] | $2,616,166 | $68,193 | $105,371 | $32,971 | $98,163 | $1,312,429 | $492,725 | $11,871 | $96,053 | $9,022 | $222,374 | $166,994 |
| Salaried officers [3] | 284,198 | 6,000 | 18,700 | | 11,893 | 76,481 | 94,460 | 3,900 | 10,500 | | 36,430 | 25,834 |
| Manufacturing: | | | | | | | | | | | | |
| Salaries [3] | 325,988 | 6,580 | 6,617 | | 6,979 | 186,520 | 61,160 | | 9,515 | 250 | 32,187 | 16,180 |
| Wages | 1,669,604 | 48,653 | 65,129 | 32,971 | 71,371 | 951,793 | 251,153 | 5,539 | 51,803 | 8,772 | 103,306 | 79,114 |
| Distribution | 301,437 | 4,120 | 14,925 | | 5,000 | 82,019 | 85,832 | 2,432 | 24,235 | | 37,208 | 45,666 |
| Construction | 26,149 | | | | 2,920 | 14,560 | | | | | 8,469 | 200 |
| Other | 8,790 | 2,840 | | | | 1,056 | 120 | | | | 4,774 | |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 10,971,721 | 330,231 | 611,660 | 163,494 | 168,636 | 3,015,974 | 3,877,390 | 59,093 | 641,440 | 76,225 | 1,065,568 | 962,010 |
| Materials, supplies, and containers | 10,818,392 | 324,953 | 608,229 | 157,382 | 164,557 | 2,961,415 | 3,845,170 | 57,894 | 629,087 | 74,818 | 1,056,958 | 937,929 |
| Fuel | 65,261 | 2,724 | 2,018 | 4,612 | 2,158 | 18,086 | 13,424 | 425 | 5,120 | 1,287 | 3,646 | 11,761 |
| Purchased electric energy | 87,126 | 2,554 | 1,413 | 1,500 | 1,921 | 36,473 | 18,796 | 774 | 7,233 | 120 | 4,022 | 12,320 |
| Contract work | 942 | | | | | | | | | | 942 | |
| Value of products | 15,614,728 | 510,618 | 793,224 | 215,245 | 313,318 | 4,785,476 | 5,215,331 | 75,531 | 820,127 | 106,706 | 1,486,879 | 1,292,273 |
| Value added by manufacture [5] | 4,643,007 | 180,387 | 181,564 | 51,751 | 144,682 | 1,769,502 | 1,337,941 | 16,438 | 178,687 | 30,481 | 421,311 | 330,263 |

[1] Connecticut, 1 establishment; District of Columbia, 1; Maryland, 2; Michigan, 1; Minnesota, 1; Missouri, 1; New Jersey, 3; North Carolina, 1; Oregon, 1; Wisconsin, 3.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Cured Fish industry, all products, total value | $15,614,728 | $13,842,308 |
| Cured fish | 11,920,189 | 11,480,118 |
| Miscellaneous products and receipts for contract work | 2,043,822 | 749,538 |
| Other products (not classified in this industry) | [1] 1,650,717 | 1,612,652 |
| Cured fish, total value | 12,235,608 | 11,754,046 |
| Cured fish reported by the industry | 11,920,189 | 11,480,118 |
| Cured fish reported as secondary products of other industries | 315,419 | 273,928 |

[1] Value of canned fish, fish meal, dog and cat food, marine-animal oil, liquid glue.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Cured fish: | | | |
| Total pounds | 72,848,140 | 69,429,732 | 99,788,659 |
| Total value | $12,235,608 | $11,754,046 | $17,522,818 |
| Smoked fish: | | | |
| Total pounds | 28,164,546 | 23,298,585 | 33,773,670 |
| Total value | $6,669,179 | $5,997,475 | $9,173,447 |
| Salmon— | | | |
| Pounds | 7,084,935 | 7,543,393 | 11,192,441 |
| Value | $2,314,730 | $2,206,756 | $4,082,945 |
| Herring— | | | |
| Pounds | 3,935,259 | 3,090,340 | 7,039,103 |
| Value | $426,980 | $314,451 | $912,054 |
| Finnan haddie— | | | |
| Pounds | 997,175 | 1,282,978 | 4,808,375 |
| Value | $116,983 | $158,938 | $599,183 |
| Other smoked fish— | | | |
| Pounds | 16,147,177 | 11,381,874 | 10,733,751 |
| Value | $3,810,486 | $3,317,330 | $3,579,265 |
| Salted and pickled fish: | | | |
| Total pounds | 44,683,594 | 46,131,147 | 66,014,989 |
| Total value | $5,566,429 | $5,756,571 | $8,349,371 |
| Cod— | | | |
| Boneless— | | | |
| Pounds | 6,669,797 | 6,854,787 | 11,177,771 |
| Value | $1,039,396 | $1,177,661 | $2,275,141 |
| Green-salted, sold for consumer trade as such— | | | |
| Pounds | 1,808,170 | 2,877,662 | 7,223,274 |
| Value | $132,788 | $282,983 | $471,383 |
| Dry-salted— | | | |
| Pounds | 2,687,375 | 4,217,550 | 8,392,739 |
| Value | $144,077 | $393,788 | $812,881 |
| Salmon (including mild-cured)— | | | |
| Pounds | 3,977,852 | 3,370,022 | 5,095,192 |
| Value | $870,656 | $735,254 | $1,518,510 |
| Mackerel— | | | |
| Pounds | 3,640,000 | 2,207,062 | 8,131,840 |
| Value | $467,209 | $297,305 | $884,525 |
| Herring (sea)— | | | |
| Pounds | 17,619,159 | 20,584,839 | (1) |
| Value | $2,000,441 | $2,129,053 | (1) |
| Haddock, hake, pollock, and cusk— | | | |
| Boneless— | | | |
| Pounds | 1,093,100 | 1,336,085 | 1,739,938 |
| Value | $90,380 | $109,118 | $211,386 |
| Green-salted, sold for consumer trade as such— | | | |
| Pounds | 1,903,657 | 1,142,783 | (1) |
| Value | $79,323 | $40,803 | (1) |
| Dry-salted— | | | |
| Pounds | 612,764 | 1,345,495 | 4,276,857 |
| Value | $33,865 | $91,093 | $151,989 |
| Other salted and pickled fish— | | | |
| Pounds | 4,671,720 | 2,194,862 | 19,977,378 |
| Value | $708,294 | $499,513 | $2,023,556 |

[1] Included in figures for "Other salted and pickled fish."

TABLE 5.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

[This table presents statistics for each State for which separate figures can be published without disclosing, exactly or approximately, data for individual establishments. Some of the "Other States", however, reported larger quantities and values of certain classes of products than some of the States shown separately]

| PRODUCT AND STATE | Pounds | Value |
|---|---|---|
| SMOKED FISH | | |
| Salmon, total | 7,084,935 | $2,314,730 |
| California | 299,242 | 112,284 |
| Illinois | 123,810 | 31,403 |
| New York | 4,110,542 | 1,386,652 |
| Washington | 291,779 | 60,146 |
| Other States (Conn., Md., Mass., Mo., N. J., Ohio, Pa., Wis.) | 2,259,562 | 724,245 |
| Herring, total | 3,935,259 | 426,980 |
| Illinois | 266,420 | 27,183 |
| Maine | 1,578,262 | 165,030 |
| Massachusetts | 489,086 | 53,759 |
| Other States (Calif., D. C., Md., N. J., N. Y., Ohio, Pa., Va., Wash., Wis.) | 1,601,491 | 181,008 |
| Finnan haddie, total | 997,175 | 116,983 |
| Massachusetts | 465,949 | 51,921 |
| Other States (Maine, N. Y.) | 531,226 | 65,062 |
| Other smoked fish, total | 16,147,177 | 3,810,486 |
| California | 435,350 | 109,214 |
| Illinois | 1,293,259 | 344,061 |
| Massachusetts | 2,179,187 | 370,165 |
| New York | 5,336,081 | 1,739,288 |
| Other States (Conn., D. C., Ga., Maine, Md., Minn., Mo., N. J., Ohio, Pa., Wash., Wis.) | 6,903,300 | 1,247,758 |
| SALTED AND PICKLED FISH | | |
| Cod: | | |
| Boneless (Maine, Mass., and Wash.—none reported from other States) | 6,669,797 | 1,039,396 |
| Green-salted, sold to consumer trade as such (Maine and Mass.—none reported from other States) | 1,808,170 | 132,788 |
| Dry-salted, total | 2,687,375 | 144,077 |
| Washington | 2,338,475 | 113,090 |
| Other States (Maine, Md., N. Y.) | 348,900 | 30,987 |
| Salmon (including mild-cured), total | 3,977,852 | 870,656 |
| Oregon | 268,313 | 73,008 |
| Washington | 2,470,348 | 507,369 |
| Other States (Calif., Md., Mass., N. Y.) | 1,239,191 | 290,279 |
| Mackerel, total | 3,640,000 | 467,209 |
| Massachusetts | 2,000,700 | 214,145 |
| Other States (Calif., Maine, Md.) | 1,639,300 | 253,064 |
| Herring (sea), total | 17,619,159 | 2,000,441 |
| Maryland | 925,660 | 90,078 |
| New York | 7,947,696 | 1,190,033 |
| North Carolina | 355,000 | 33,000 |
| Virginia | 1,955,000 | 68,181 |
| Other States (Calif., Ill., Maine, Mass., Mich., Ohio, Pa., Wash., Wis.) | 6,435,803 | 619,149 |
| Haddock, hake, pollock, and cusk: | | |
| Boneless (Maine and Mass.—none reported from other States) | 1,093,100 | 90,380 |
| Green-salted, sold to consumer trade as such (Maine and Mass.—none reported from other States) | 1,903,657 | 79,323 |
| Dry-salted (Maine and Mass.—none reported from other States) | 612,764 | 33,865 |
| Other salted and pickled fish, total | 4,671,720 | 708,294 |
| Louisiana | 507,141 | 82,997 |
| New York | 1,906,457 | 385,188 |
| Other States (Calif., Ill., Maine, Md., Mass., Ohio, Wash., Wis.) | 2,258,122 | 240,109 |

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 1,893 | 1,729 | 1,739 | 1,653 | 1,911 | 1,787 | 1,421 | 1,697 | 1,972 | 2,115 | 2,214 | 2,310 | 2,172 |
| 1937 | 1,696 | 1,735 | 1,665 | 1,585 | 1,635 | 1,485 | 1,320 | 1,574 | 1,665 | 1,771 | 2,040 | 1,977 | 1,905 |
| California | 41 | 17 | 17 | 16 | 15 | 16 | 15 | 16 | 15 | 16 | 117 | 118 | 117 |
| Illinois | 58 | 71 | 70 | 60 | 39 | 39 | 40 | 39 | 39 | 40 | 87 | 84 | 83 |
| Louisiana | 57 | 55 | 59 | 25 | 39 | 64 | 40 | 25 | 76 | 81 | 76 | 76 | 65 |
| Maine | 259 | 241 | 185 | 173 | 75 | 57 | 37 | 317 | 481 | 434 | 420 | 369 | 324 |
| Massachusetts | 872 | 730 | 820 | 767 | 891 | 820 | 846 | 865 | 922 | 998 | 904 | 986 | 918 |
| New York | 251 | 305 | 295 | 297 | 214 | 204 | 192 | 191 | 192 | 242 | 279 | 301 | 305 |
| Ohio | 8 | 9 | 9 | 9 | 9 | 6 | 6 | 5 | 5 | 8 | 8 | 9 | 9 |
| Pennsylvania | 62 | 75 | 75 | 74 | 62 | 47 | 33 | 36 | 38 | 52 | 80 | 85 | 91 |
| Virginia | 40 | | | 2 | 237 | 216 | 26 | 1 | | | 1 | | |
| Washington | 137 | 146 | 130 | 138 | 117 | 114 | 128 | 132 | 128 | 169 | 152 | 161 | 130 |

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 114 |
| Reporting expenditures for plant and equipment | 54 |
| Value of products: | |
| Total for the industry | $15,614,728 |
| Reporting expenditures for plant and equipment | 10,139,747 |
| Expenditures for plant and equipment: | |
| Total for the industry | 325,649 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 137,245 |
| Expenditures for new machinery and operating equipment | 127,153 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 26,205 |
| Expenditures unclassified | 35,046 |

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $4,126,596 | $3,160,624 |
| Finished products | 2,615,042 | 1,922,520 |
| Materials, supplies, etc | 1,511,554 | 1,238,104 |
| End of year, total | 4,400,294 | 3,324,260 |
| Finished products | 2,498,261 | 2,047,675 |
| Materials, supplies, etc | 1,902,033 | 1,276,585 |
| Value of products for the industry, total | 15,614,728 | 13,842,308 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 14,462,287 | 12,229,180 |
| Value for establishments not reporting inventories | 1,152,441 | 1,613,128 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 [1]

| | 1939 |
|---|---|
| Number of establishments | 114 |
| Number of establishments reporting power equipment | 110 |
| Prime movers, aggregate: | |
| Number | 23 |
| Horsepower | 373 |
| Prime movers, steam engines, driving generators— | |
| Number | 5 |
| Horsepower | 80 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 80 |
| Prime movers not driving generators, total— | |
| Number | 18 |
| Horsepower | 293 |
| Steam engines— | |
| Number | 13 |
| Horsepower | 267 |
| Internal-combustion engines,[2] other than Diesel and semi-Diesel— | |
| Number | 5 |
| Horsepower | 26 |
| Generators, driven by steam engines, kilowatt rating | 60 |
| Generators, ordinarily idle (included above), kilowatt rating | 60 |
| Electric motors driven by purchased energy: | |
| Number | 905 |
| Horsepower | 4,726 |
| Electric energy purchased (kilowatt-hours) | 2,960,494 |

[1] Comparable data for 1929 not available.

[2] Gas, gasoline, etc.

# CANNED AND DRIED FRUITS AND VEGETABLES (INCLUDING CANNED SOUPS)

[A preliminary report for this industry was issued December 30, 1940]

**Description of the industry.**—This industry embraces establishments primarily engaged in the drying or canning of fruits and vegetables, including the canning of soups.

**Statistics for prior census years.**—No statistics for this industry, other than those for products shown in table 4, are available for census years prior to 1937. In order to obtain figures comparable with those for 1939, a special tabulation was made of the 1937 data which constituted part of the former industry designated as "Canned and dried fruits and vegetables; canned and bottled juices; preserves, jellies, fruit butters, pickles, and sauces."

**Wage earners.**—In seasonal industries, like the canning of fruits and vegetables, employment is intermittent to such an extent that the number of persons whose names appear on the pay roll for a given week is likely to be much larger than the number of persons that would have been required to perform the same amount of work if employed on a full-time basis. Moreover, if a cannery was operated during only 1 or 2 weeks in a given month, an active week would certainly be selected in reporting the number for a representative week. These considerations should be kept in mind in making use of the wage-earner statistics for the Canned and Preserved Foods subgroup of industries, it being understood that they are not strictly comparable with those for other industries. The average number of wage earners for the year has been computed by totalizing the figures for the several months, as reported by the canners, and dividing the sum by 12. The average computed by this method is, of course, considerably less than the average for the period during which the canneries were in active operation. Furthermore, the monthly figures reported by canners do not represent the true monthly averages, for the reason that employment fluctuates greatly. To illustrate: A cannery employing 100 wage earners, which operated 8 hours a day during 13 days in a certain month and 4 hours a day during the remaining 13 days, would undoubtedly report 100 wage earners for that month. (In practice, of course, the number of wage earners employed from day to day, as well as the number of hours worked daily, would vary considerably throughout the month.) Thus, in a case like this, the number of wage earners reported, 100, would be larger by one-third than the true average for the month, 75 (calculated on an 8-hour-a-day basis for the entire month), and the average for the year, computed as explained above, would be correspondingly overstated.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 2,007 | 98,022 | $65,234,801 | $356,280,508 | $587,343,024 | $231,062,516 | 72,843 |
| 1937 [4] | 2,213 | 119,379 | 78,200,940 | 390,930,484 | 629,882,191 | 238,951,707 | (5) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] No comparable figures for years prior to 1937.
[5] Not called for on schedule.

## TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Arkansas | California | Colorado | Delaware | Florida | Georgia | Idaho | Illinois | Indiana | Iowa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 2,007 | 40 | 363 | 18 | 29 | 50 | 21 | 11 | 48 | 140 | 34 |
| Proprietors and firm members | 1,182 | 52 | 251 | 7 | 17 | 31 | 14 | 3 | 15 | 74 | 13 |
| Persons reported by manufacturing establishments, total [2] | 108,841 | 931 | 27,817 | 569 | 1,072 | 4,845 | 1,189 | 341 | 5,071 | 6,748 | 1,014 |
| Salaried officers of corporations [2] | 1,131 | 11 | 191 | 9 | 18 | 38 | 16 | 3 | 44 | 80 | 10 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 6,431 | 33 | 1,535 | 44 | 61 | 178 | 85 | 20 | 397 | 347 | 73 |
| Wage earners (average for the year) [3] | 98,022 | 883 | 25,093 | 510 | 984 | 4,333 | 1,073 | 286 | 4,481 | 6,224 | 911 |
| Distribution | 2,294 | 3 | 730 | 1 | 2 | 144 | 12 | 29 | 127 | 85 | 11 |
| Construction | 543 | 1 | 181 | 2 | 6 | 84 | 3 | 3 | 18 | 6 | 2 |
| Other | 420 | ---------- | 87 | 3 | 1 | 68 | ---------- | ---------- | 4 | 6 | 2 |
| Salaries and wages, total [2] | $82,877,776 | $278,467 | $26,039,011 | $353,177 | $633,779 | $2,640,877 | $483,386 | $166,188 | $5,257,928 | $3,852,367 | $589,367 |
| Salaried officers [2] | 4,340,407 | 28,625 | 876,949 | 25,689 | 60,200 | 142,050 | 55,780 | 8,400 | 154,758 | 157,778 | 20,800 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 9,416,396 | 31,017 | 2,328,034 | 50,064 | 56,092 | 171,753 | 61,103 | 17,827 | 737,736 | 360,750 | 84,278 |
| Wages | 65,234,801 | 212,810 | 21,625,050 | 266,350 | 497,094 | 2,131,636 | 349,645 | 128,645 | 4,091,575 | 3,244,323 | 460,155 |
| Distribution | 2,920,436 | 4,825 | 822,944 | 1,723 | 3,500 | 107,877 | 15,158 | 10,416 | 245,117 | 70,410 | 21,213 |
| Construction | 656,287 | 1,190 | 291,522 | 1,188 | 3,935 | 38,117 | 1,700 | 800 | 21,665 | 11,273 | 1,400 |
| Other | 309,449 | ---------- | 94,512 | 8,163 | 12,958 | 49,444 | ---------- | 100 | 7,077 | 7,833 | 1,521 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 356,280,508 | 1,782,029 | 111,615,797 | 1,100,189 | 2,056,862 | 9,833,805 | 1,288,281 | 362,367 | 25,737,353 | 18,490,519 | 2,097,624 |
| Materials, supplies, and containers | 349,863,318 | 1,699,583 | 110,371,987 | 1,065,803 | 1,995,565 | 9,666,136 | 1,247,439 | 331,372 | 25,113,525 | 18,095,947 | 2,036,430 |
| Fuel | 3,952,764 | 46,837 | 756,201 | 20,115 | 31,837 | 97,939 | 29,573 | 20,475 | 223,971 | 303,852 | 45,109 |
| Purchased electric energy | 1,873,322 | 24,605 | 462,958 | 14,271 | 14,150 | 69,355 | 11,269 | 10,520 | 105,829 | 87,747 | 16,085 |
| Contract work | 591,104 | 11,004 | 24,651 | ---------- | 15,310 | 375 | ---------- | ---------- | 294,028 | 2,973 | ---------- |
| Value of products | 587,343,024 | 2,531,469 | 171,592,949 | 2,057,699 | 3,328,233 | 15,187,750 | 2,046,093 | 690,015 | 47,973,082 | 26,521,364 | 3,179,456 |
| Value added by manufacture [4] | 231,062,516 | 749,440 | 59,977,152 | 957,510 | 1,271,371 | 5,353,945 | 757,812 | 327,648 | 22,235,729 | 8,030,845 | 1,081,832 |

| ITEM | Kentucky | Louisiana | Maine | Maryland | Michigan | Minnesota | Mississippi | Missouri | Montana | New York | Ohio |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 12 | 12 | 43 | 191 | 51 | 25 | 7 | 46 | 5 | 152 | 84 |
| Proprietors and firm members | 9 | 8 | 10 | 184 | 12 | 1 | 4 | 50 | 1 | 38 | 48 |
| Persons reported by manufacturing establishments, total [2] | 209 | 284 | 1,282 | 7,568 | 3,047 | 2,277 | 196 | 710 | 99 | 9,203 | 2,532 |
| Salaried officers of corporations [2] | ---------- | 2 | 15 | 52 | 55 | 17 | 3 | 1 | 1 | 132 | 49 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 13 | 14 | 117 | 340 | 188 | 99 | 10 | 24 | 13 | 528 | 149 |
| Wage earners (average for the year) [3] | 196 | 266 | 1,067 | 7,101 | 2,599 | 2,136 | 177 | 685 | 83 | 8,210 | 2,281 |
| Distribution | ---------- | 2 | 65 | 62 | 165 | 16 | 5 | ---------- | ---------- | 287 | 31 |
| Construction | ---------- | ---------- | 13 | 4 | 25 | 4 | 1 | ---------- | ---------- | 33 | 3 |
| Other | ---------- | ---------- | 5 | 9 | 15 | 5 | ---------- | ---------- | 2 | 13 | 19 |
| Salaries and wages, total [2] | $41,746 | $127,107 | $989,023 | $3,541,312 | $2,267,235 | $1,357,513 | $74,068 | $124,306 | $69,380 | $7,976,011 | $1,573,296 |
| Salaried officers [2] | ---------- | 6,190 | 32,895 | 235,647 | 162,751 | 48,877 | 11,882 | 3,120 | 2,400 | 740,529 | 158,217 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 5,757 | 9,465 | 144,751 | 388,397 | 235,200 | 195,977 | 8,820 | 10,547 | 15,723 | 863,581 | 181,709 |
| Wages | 35,939 | 109,772 | 699,088 | 2,852,428 | 1,595,152 | 1,070,659 | 50,462 | 110,339 | 47,187 | 5,793,519 | 1,187,404 |
| Distribution | ---------- | 1,430 | 83,373 | 58,243 | 225,666 | 27,670 | 2,636 | 140 | ---------- | 487,595 | 34,851 |
| Construction | 50 | 250 | 23,347 | 3,675 | 23,041 | 8,988 | 268 | 160 | ---------- | 76,062 | 5,060 |
| Other | ---------- | ---------- | 5,569 | 2,922 | 25,425 | 5,342 | ---------- | ---------- | 4,070 | 14,725 | 6,055 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 184,408 | 580,111 | 4,286,159 | 18,357,072 | 8,952,418 | 4,857,875 | 410,905 | 466,650 | 202,653 | 31,581,159 | 6,848,967 |
| Materials, supplies, and containers | 180,127 | 566,600 | 4,194,415 | 18,002,095 | 8,773,286 | 4,732,268 | 401,195 | 455,475 | 196,139 | 30,740,236 | 6,704,862 |
| Fuel | 2,920 | 11,014 | 75,049 | 232,584 | 113,866 | 59,608 | 7,191 | 8,002 | 4,198 | 486,657 | 95,232 |
| Purchased electric energy | 805 | 2,454 | 16,695 | 90,306 | 61,716 | 65,999 | 2,519 | 3,173 | 2,316 | 189,731 | 36,403 |
| Contract work | 556 | 43 | ---------- | 32,087 | 3,550 | ---------- | ---------- | ---------- | ---------- | 164,535 | 12,470 |
| Value of products | 255,021 | 787,532 | 6,482,588 | 27,302,603 | 15,289,565 | 9,425,657 | 624,235 | 766,131 | 320,658 | 55,137,396 | 10,035,902 |
| Value added by manufacture [4] | 70,613 | 207,421 | 2,196,429 | 8,945,531 | 6,337,147 | 4,567,782 | 213,330 | 299,481 | 118,005 | 23,556,237 | 3,186,935 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Oregon | Pennsylvania | South Carolina | Tennessee | Texas | Utah | Vermont | Virginia | Washington | Wisconsin | Other States [5] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 70 | 64 | 12 | 24 | 54 | 29 | 5 | 100 | 78 | 122 | 67 |
| Proprietors and firm members | 33 | 48 | 16 | 24 | 29 | ---------- | 2 | 120 | 28 | 1 | 39 |
| Persons reported by manufacturing establishments, total [2] | 4,495 | 4,128 | 205 | 938 | 2,259 | 1,968 | 67 | 2,544 | 4,061 | 4,826 | 6,344 |
| Salaried officers of corporations [2] | 34 | 32 | 2 | 7 | 29 | 19 | 4 | 24 | 45 | 150 | 38 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 243 | 343 | 19 | 53 | 98 | 93 | 6 | 137 | 297 | 377 | 492 |
| Wage earners (average for the year) [3] | 4,105 | 3,691 | 184 | 833 | 2,056 | 1,668 | 57 | 2,336 | 3,658 | 4,196 | 5,657 |
| Distribution | 71 | 46 | ---------- | 41 | 65 | 40 | ---------- | 44 | 43 | 48 | 119 |
| Construction | 35 | 16 | ---------- | 3 | 7 | 5 | ---------- | 3 | 12 | 41 | 32 |
| Other | 7 | ---------- | ---------- | 1 | 4 | 143 | ---------- | ---------- | 6 | 14 | 6 |
| Salaries and wages, total [2] | $3,351,654 | $3,862,228 | $46,816 | $405,346 | $1,102,188 | $1,007,341 | $41,273 | $1,024,332 | $3,424,179 | $3,186,431 | $6,990,444 |
| Salaried officers [2] | 90,219 | 142,393 | 1,800 | 61,080 | 94,889 | 39,160 | 5,500 | 98,115 | 160,858 | 379,864 | 332,992 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 303,700 | 592,787 | 9,115 | 57,347 | 117,706 | 99,364 | 4,042 | 118,844 | 382,847 | 465,788 | 1,306,275 |
| Wages | 2,841,655 | 3,025,002 | 35,901 | 265,982 | 833,301 | 840,672 | 31,731 | 731,680 | 2,800,045 | 2,208,930 | 5,060,670 |
| Distribution | 89,645 | 76,142 | ---------- | 17,261 | 48,448 | 13,050 | ---------- | 69,101 | 52,752 | 70,411 | 258,839 |
| Construction | 21,347 | 21,977 | ---------- | 3,516 | 5,208 | 5,000 | ---------- | 6,592 | 19,164 | 34,014 | 25,778 |
| Other | 5,088 | 3,927 | ---------- | 160 | 2,636 | 10,095 | ---------- | ---------- | 8,513 | 27,424 | 5,890 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 14,470,476 | 13,846,642 | 184,939 | 2,185,328 | 6,702,276 | 3,970,712 | 158,854 | 4,649,024 | 11,734,185 | 11,089,553 | 36,195,321 |
| Materials, supplies, and containers | 14,280,570 | 13,586,039 | 180,309 | 2,148,317 | 6,594,172 | 3,863,536 | 154,468 | 4,547,901 | 11,434,951 | 10,788,719 | 35,713,851 |
| Fuel | 117,894 | 174,555 | 3,420 | 27,093 | 57,645 | 62,351 | 2,513 | 78,286 | 210,901 | 208,450 | 337,426 |
| Purchased electric energy | 64,981 | 81,019 | 1,142 | 9,913 | 47,325 | 44,825 | 1,134 | 21,827 | 78,623 | 92,384 | 141,243 |
| Contract work | 7,031 | 5,029 | 68 | ---------- | 3,134 | ---------- | 739 | 1,010 | 9,710 | ---------- | 2,801 |
| Value of products | 22,602,469 | 32,836,381 | 289,512 | 2,945,792 | 9,791,996 | 6,393,896 | 253,280 | 6,455,606 | 19,700,116 | 19,272,516 | 65,266,062 |
| Value added by manufacture [4] | 8,131,993 | 18,989,739 | 104,573 | 760,469 | 3,089,720 | 2,423,184 | 94,426 | 1,806,582 | 7,965,931 | 8,182,963 | 29,070,741 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Alabama, 1 establishment; Arizona, 2; Connecticut, 3; Kansas, 1; Massachusetts, 7; Nebraska, 4; New Hampshire, 1; New Jersey, 16; New Mexico, 2; North Carolina, 8; Oklahoma, 4; West Virginia, 17; Wyoming, 1.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Canned and Dried Fruits and Vegetables (Including Canned Soups) industry, all products, total value | $587,343,024 | $629,882,191 |
| Canned and dried fruits and vegetables (including canned soups) | 534,185,809 | 587,460,314 |
| Canned and dried fruits and vegetables not reported by kind | 2,073,332 | 42,261,157 |
| Miscellaneous products | 7,824,592 | |
| Other products not classified in this industry | [1] 42,199,770 | |
| Receipts for contract work | 363,406 | 160,720 |
| Merchandise (goods bought and sold without processing) | 696,115 | (2) |
| Canned and dried fruits and vegetables (including canned soups), aggregate value | 550,832,499 | 603,134,983 |
| Canned and dried fruits and vegetables (including canned soups) reported by this industry | 534,185,809 | 587,460,314 |
| Canned and dried fruits and vegetables (including canned soups) reported as secondary products of other industries | 16,646,690 | 15,674,669 |

[1] Value of tomato ketchup, tomato chili sauces, clam broth, cider, vinegar, flavoring extracts and flavoring sirups, peanut butter, sweetening sirups and molasses, mince meat, kraut (in bulk), maraschino cherries, mustard, pickles, preserves, salad dressings, sandwich spread, sauces, quick-frozen fruits and vegetables, etc.
[2] No data.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| PRODUCT | 1939 | | | 1937 | 1929 |
|---|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | | |
| Aggregate value | $534,185,809 | $16,646,690 | $550,832,499 | $603,134,983 | (1) |
| Canned vegetables: | | | | | |
| Total number of cases | 148,844,111 | 5,921,672 | 154,765,783 | 169,581,166 | 132,196,545 |
| Total value | $248,457,628 | $7,921,761 | $256,379,389 | $296,923,739 | $325,738,329 |
| Asparagus— | | | | | |
| Cases | (2) | (2) | 2,790,922 | 2,753,876 | 2,727,471 |
| Value | (2) | (2) | $10,699,000 | $13,062,923 | $15,465,460 |
| Beans with pork or sauce, including baked— | | | | | |
| Cases | (2) | (2) | 19,459,141 | 18,352,047 | 17,203,772 |
| Value | (2) | (2) | $31,604,401 | $30,686,679 | $35,556,381 |
| Beans, other than baked— | | | | | |
| Total number of cases | 16,534,529 | 874,935 | 17,409,464 | 16,316,201 | 13,613,257 |
| Total value | $26,565,232 | $1,027,417 | $27,592,649 | $27,971,681 | $34,107,294 |
| Green-pod— | | | | | |
| Cases | (2) | (2) | 7,032,470 | 8,380,366 | 6,480,813 |
| Value | (2) | (2) | $11,274,373 | $14,406,387 | $16,212,996 |

See footnotes at end of table.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929—Con.

| PRODUCT | 1939 | | | 1937 | 1929 |
|---|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | | |
| Canned vegetables—Continued. | | | | | |
| Beans, other than baked—Continued. | | | | | |
| Wax-pod— | | | | | |
| Cases | (2) | (2) | 1,341,273 | 1,411,368 | 1,246,456 |
| Value | (2) | (2) | $2,262,008 | $2,578,374 | $3,413,431 |
| Lima (green)— | | | | | |
| Cases | (2) | (2) | 2,664,265 | 2,248,407 | 1,500,839 |
| Value | (2) | (2) | $4,822,283 | $4,161,277 | $4,466,333 |
| Kidney— | | | | | |
| Cases | (2) | (2) | 3,348,267 | 2,554,156 | 4,385,149 |
| Value | (2) | (2) | $4,615,067 | $4,214,930 | $10,014,534 |
| Other— | | | | | |
| Cases | 2,559,470 | 463,719 | 3,023,189 | 1,721,904 | |
| Value | $4,118,908 | $500,010 | $4,618,918 | $2,610,713 | |
| Beets— | | | | | |
| Cases | (2) | (2) | 2,619,130 | 3,386,362 | 1,911,020 |
| Value | (2) | (2) | $3,628,668 | $5,176,744 | $4,576,884 |
| Carrots— | | | | | |
| Cases | (2) | (2) | 1,833,135 | 1,505,273 | (3) |
| Value | (2) | (2) | $2,098,788 | $2,132,133 | (3) |
| Corn— | | | | | |
| Cases | 16,240,429 | 604,818 | 16,845,247 | 26,052,452 | 16,723,516 |
| Value | $25,762,030 | $543,754 | $26,305,784 | $44,295,623 | $36,797,117 |
| Corn on the cob— | | | | | |
| Cases | 381,654 | ---------- | 381,654 | (4) | (4) |
| Value | $762,981 | ---------- | $762,981 | (4) | (4) |
| Greens, other than spinach— | | | | | |
| Cases | (2) | (2) | 467,388 | 388,413 | 252,839 |
| Value | (2) | (2) | $651,034 | $566,008 | $575,522 |
| Hominy— | | | | | |
| Cases | (2) | (2) | 1,911,811 | 1,645,852 | 1,765,324 |
| Value | (2) | (2) | $2,324,675 | $2,149,123 | $2,531,737 |
| Kraut [5]— | | | | | |
| Cases | 4,500,969 | 362,775 | 4,863,744 | 4,582,949 | 4,224,114 |
| Value | $5,927,251 | $511,824 | $6,439,075 | $7,251,407 | $8,421,666 |
| Kraut juice— | | | | | |
| Cases | 129,962 | 4,637 | 134,599 | 233,610 | (3) |
| Value | $171,571 | $8,827 | $180,398 | $314,531 | (3) |
| Peas (green)— | | | | | |
| Cases | 17,716,351 | 70,971 | 17,787,322 | 24,412,350 | 17,546,469 |
| Value | $34,232,343 | $123,052 | $34,355,395 | $47,379,922 | $44,507,511 |
| Pimientos— | | | | | |
| Cases | (2) | (2) | 980,585 | 626,205 | 506,012 |
| Value | (2) | (2) | $2,245,165 | $1,855,038 | $2,014,405 |
| Pumpkin and squash— | | | | | |
| Cases | (2) | (2) | 2,373,935 | 1,726,562 | 2,424,028 |
| Value | (2) | (2) | $3,447,772 | $2,568,125 | $4,214,966 |
| Rhubarb— | | | | | |
| Cases | 19,249 | ---------- | 19,249 | 55,180 | (3) |
| Value | $30,887 | ---------- | $30,887 | $94,793 | (3) |
| Spaghetti— | | | | | |
| Cases | 4,899,491 | 273,820 | 5,173,311 | 5,453,692 | 4,239,075 |
| Value | $8,367,218 | $354,348 | $8,721,566 | $8,957,744 | $8,320,216 |
| Spinach— | | | | | |
| Cases | (2) | (2) | 4,160,034 | 5,433,876 | 4,815,024 |
| Value | (2) | (2) | $6,965,504 | $9,861,448 | $12,131,823 |
| Succotash— | | | | | |
| Cases | (2) | (2) | 285,184 | 359,342 | 289,743 |
| Value | (2) | (2) | $504,991 | $680,621 | $770,796 |
| Sweet potatoes— | | | | | |
| Cases | 264,112 | ---------- | 264,112 | 692,256 | 368,693 |
| Value | $450,607 | ---------- | $450,607 | $1,017,840 | $847,318 |
| Tomatoes— | | | | | |
| Cases | 23,145,322 | 239,824 | 23,385,146 | 23,573,949 | 21,401,255 |
| Value | $33,871,280 | $316,632 | $34,187,912 | $34,314,089 | $42,170,555 |
| Tomato juice and cocktail— | | | | | |
| Cases | 12,315,583 | 1,438,261 | 13,753,844 | 13,809,311 | (3) |
| Value | $18,191,827 | $2,247,570 | $20,439,397 | $23,188,589 | (3) |
| Tomato paste— | | | | | |
| Cases | (2) | (2) | 2,277,317 | 2,380,892 | 606,140 |
| Value | (2) | (2) | $6,105,292 | $6,432,029 | $3,840,254 |
| Tomato pulp and purée [6]— | | | | | |
| Cases | 3,116,158 | 495,523 | 3,611,681 | 3,914,832 | [7] 2,891,177 |
| Value | $4,213,903 | $621,313 | $4,835,216 | $5,435,911 | [7] $5,293,703 |
| Tomato sauce— | | | | | |
| Cases | 1,919,457 | 181,321 | 2,100,778 | 1,605,792 | 952,482 |
| Value | $4,113,197 | $273,416 | $4,386,613 | $3,299,895 | $2,548,608 |
| Mushrooms— | | | | | |
| Cases | (2) | (2) | 1,176,007 | (4) | (4) |
| Value | (2) | (2) | $2,897,121 | (4) | (4) |
| Vegetable purée (for infants)— | | | | | |
| Cases | (2) | (2) | 3,866,008 | 4,560,889 | (3) |
| Value | (2) | (2) | $6,793,072 | $6,946,874 | (3) |
| Vegetables, mixed— | | | | | |
| Cases | (2) | (2) | 1,947,404 | 2,492,188 | 824,718 |
| Value | (2) | (2) | $3,052,865 | $4,529,680 | $1,981,055 |
| Other canned vegetables— | | | | | |
| Cases | 2,769,744 | 117,887 | 2,887,631 | 3,266,815 | [8] 16,910,416 |
| Value | $4,479,426 | $193,135 | $4,672,561 | $6,754,289 | [8] $59,065,058 |
| Canned fruits: | | | | | |
| Total number of cases | 50,153,063 | 776,789 | 50,929,852 | 51,076,109 | [9] 32,934,398 |
| Total value | $121,740,441 | $1,467,790 | $123,208,231 | $141,248,227 | [9] $136,908,851 |
| Apples— | | | | | |
| Cases | (2) | (2) | 2,765,907 | 2,772,427 | 3,592,551 |
| Value | (2) | (2) | $4,225,838 | $4,557,140 | $7,940,987 |
| Applesauce— | | | | | |
| Cases | (2) | (2) | 3,312,108 | 3,348,405 | 903,391 |
| Value | (2) | (2) | $3,928,104 | $4,679,304 | $2,446,796 |
| Apricots— | | | | | |
| Cases | (2) | (2) | 3,771,778 | 5,806,377 | 4,267,294 |
| Value | (2) | (2) | $9,408,639 | $16,718,367 | $17,134,232 |

See footnotes at end of table.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929—Con.

| PRODUCT | 1939 | | | 1937 | 1929 |
|---|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | | |
| Canned fruits—Continued. | | | | | |
| Berries— | | | | | |
| Total number of cases | 3,624,696 | 19,402 | 3,644,098 | 3,369,265 | 2,516,374 |
| Total value | $8,869,346 | $57,518 | $8,926,864 | $10,369,658 | $10,749,966 |
| Blackberries— | | | | | |
| Cases | (2) | (2) | 384,688 | 694,498 | 844,066 |
| Value | (2) | (2) | $781,452 | $1,731,749 | $2,417,674 |
| Blueberries— | | | | | |
| Cases | 263,832 | 3,204 | 267,036 | 466,221 | 228,441 |
| Value | $715,383 | $10,317 | $725,700 | $1,402,890 | $1,112,005 |
| Cranberries and sauce— | | | | | |
| Cases | (2) | (2) | 2,036,412 | 1,256,495 | (16) |
| Value | (2) | (2) | $4,570,191 | $3,721,259 | (16) |
| Loganberries— | | | | | |
| Cases | (2) | (2) | 214,832 | 82,433 | 358,507 |
| Value | (2) | (2) | $555,536 | $257,526 | $1,319,463 |
| Raspberries, black— | | | | | |
| Cases | (2) | (2) | 169,234 | 326,805 | 608,335 |
| Value | (2) | (2) | $438,123 | $907,555 | $3,260,177 |
| Raspberries, red— | | | | | |
| Cases | 230,373 | 3,567 | 233,940 | 320,339 | |
| Value | $761,632 | $11,339 | $772,971 | $1,278,812 | |
| Strawberries— | | | | | |
| Cases | 133,612 | 599 | 134,211 | 134,746 | 403,204 |
| Value | $574,329 | $1,970 | $576,299 | $648,521 | $2,418,250 |
| Other berries— | | | | | |
| Cases | 203,745 | ---------- | 203,745 | 123,728 | [11] 73,521 |
| Value | $506,592 | ---------- | $506,592 | $421,346 | [11] $222,397 |
| Cherries— | | | | | |
| Total number of cases | 4,558,461 | 39,034 | 4,597,495 | 2,839,635 | 2,140,856 |
| Total value | $11,436,475 | $98,279 | $11,534,754 | $9,058,434 | $11,780,823 |
| R. S. P. cherries— | | | | | |
| Cases | (2) | (2) | 3,046,668 | 2,397,391 | 1,123,855 |
| Value | (2) | (2) | $6,178,600 | $6,736,433 | $5,696,888 |
| Sweet cherries— | | | | | |
| Cases | (2) | (2) | 1,550,827 | 442,244 | 1,017,001 |
| Value | (2) | (2) | $5,356,154 | $2,322,001 | $6,083,935 |
| Figs— | | | | | |
| Cases | 400,687 | 914 | 401,601 | 668,389 | (12) |
| Value | $1,167,054 | $3,461 | $1,170,515 | $2,295,149 | (12) |
| Fruit salad and fruit cocktail— | | | | | |
| Cases | 4,748,315 | ---------- | 4,748,315 | 4,778,002 | 1,679,889 |
| Value | $18,998,055 | ---------- | $18,998,055 | $20,773,893 | $11,005,353 |
| Grapefruit sections— | | | | | |
| Cases | 4,379,847 | ---------- | 4,379,847 | 4,927,970 | 1,174,823 |
| Value | $6,749,704 | ---------- | $6,749,704 | $7,861,474 | $4,136,893 |
| Olives, ripe [13]— | | | | | |
| Cases | (2) | (2) | 772,241 | 1,152,132 | 933,972 |
| Value | (2) | (2) | $3,116,395 | $4,100,587 | $4,675,118 |
| Peaches— | | | | | |
| Cases | 12,542,924 | 4,642 | 12,547,566 | 13,596,062 | 8,723,622 |
| Value | $31,241,726 | $12,856 | $31,254,582 | $40,105,914 | $35,675,117 |
| Pears— | | | | | |
| Cases | (2) | (2) | 5,189,441 | 5,166,106 | 4,931,622 |
| Value | (2) | (2) | $15,643,775 | $15,037,158 | $24,450,473 |
| Plums— | | | | | |
| Cases | (2) | (2) | 318,627 | 292,720 | 171,044 |
| Value | (2) | (2) | $613,911 | $712,702 | $559,985 |
| Prunes— | | | | | |
| Cases | (2) | (2) | 3,243,943 | 1,825,759 | 1,069,134 |
| Value | (2) | (2) | $5,041,193 | $3,593,778 | $3,225,100 |
| Fruit purée (for infants)— | | | | | |
| Cases | 855,504 | ---------- | 855,504 | (12) | (4) |
| Value | $1,706,066 | ---------- | $1,706,066 | (12) | (4) |
| Other canned fruits— | | | | | |
| Cases | (2) | (2) | 381,381 | 532,860 | [14] 829,826 |
| Value | (2) | (2) | $889,836 | $1,384,669 | [14] $3,128,008 |
| Fruit juices, canned and bottled [15]: | | | | | |
| Total number of cases | 14,623,183 | 889,673 | 15,512,856 | 12,688,376 | (16) |
| Total value | $21,305,588 | $883,452 | $22,189,040 | $25,217,703 | (16) |
| Apple— | | | | | |
| Cases | (2) | (2) | 337,307 | (4) | (4) |
| Value | (2) | (2) | $483,248 | (4) | (4) |
| Grape— | | | | | |
| Cases | 2,117,603 | 842,479 | 2,960,082 | 1,669,419 | (17) |
| Value | $6,310,991 | $799,682 | $7,110,673 | $5,009,826 | $5,148,708 |
| Grapefruit— | | | | | |
| Cases | (2) | (2) | 8,993,099 | 6,813,117 | 115,708 |
| Value | (2) | (2) | $9,584,584 | $10,611,369 | $490,490 |
| Lemon— | | | | | |
| Cases | (2) | (2) | 83,521 | 352,422 | |
| Value | (2) | (2) | $178,708 | $1,017,398 | |
| Orange— | | | | | |
| Cases | (2) | (2) | 1,507,128 | 1,646,059 | (18) |
| Value | (2) | (2) | $1,922,513 | $3,894,181 | |
| Prune— | | | | | |
| Cases | (2) | (2) | 178,044 | 819,027 | |
| Value | (2) | (2) | $234,419 | $1,258,164 | |
| Other fruit juices— | | | | | |
| Cases | (2) | (2) | [19] 1,453,675 | 1,388,332 | |
| Value | (2) | (2) | [19] $2,674,895 | $3,426,765 | |
| Canned soups (not including clam broth, bouillon, juice, and chowder)— | | | | | |
| Cases | 26,639,343 | 1,355,877 | 27,995,220 | [20] 20,698,668 | (21) |
| Value | $73,230,844 | $2,692,419 | $75,923,263 | [20] $61,563,731 | (21) |
| Other canned foods— | | | | | |
| Cases | 1,523,909 | 125,494 | 1,649,403 | 649,480 | (4) |
| Value | $2,350,506 | $338,022 | $2,688,528 | $2,042,891 | (4) |

See footnotes at end of table.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929—Con.

| PRODUCT | 1939 | | | 1937 | 1929 |
|---|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | | |
| Fruit juices in bulk [22]— | | | | | |
| Total number of gallons | 3,384,548 | 1,606,817 | 4,991,365 | 4,160,568 | ---------- |
| Total value | $1,464,499 | $599,674 | $2,064,173 | $2,406,396 | ---------- |
| Grape— | | | | | |
| Gallons | (2) | (2) | 1,636,421 | 1,573,094 | |
| Value | (2) | (2) | $891,494 | $774,013 | |
| Grapefruit— | | | | | |
| Gallons | (2) | (2) | 422,620 | 218,686 | |
| Value | (2) | (2) | $158,449 | $60,028 | |
| Lemon— | | | | | |
| Gallons | (2) | (2) | 466,084 | 702,030 | (23) |
| Value | (2) | (2) | $219,045 | $436,341 | |
| Orange— | | | | | |
| Gallons | (2) | (2) | 1,603,840 | 859,361 | |
| Value | (2) | (2) | $557,599 | $437,054 | |
| Other fruit juices [24]— | | | | | |
| Gallons | 160,439 | 701,961 | 862,400 | 807,397 | |
| Value | $69,218 | $168,368 | $237,586 | $698,960 | |
| Olive oil produced in plant— | | | | | |
| Gallons | (2) | (2) | 833,247 | (25) | (23) |
| Value | (2) | (2) | $1,289,675 | [26] $725,972 | (23) |
| Dried fruits [27]— | | | | | |
| Total pounds | 1,137,828,287 | 999,539 | 1,138,827,826 | 1,160,489,002 | 938,698,615 |
| Total value | $53,606,448 | $49,782 | $53,656,230 | $61,803,529 | $75,891,568 |
| Apples— | | | | | |
| Pounds | 59,061,416 | 711,229 | 59,772,645 | 63,934,564 | 44,619,712 |
| Value | $3,475,347 | $36,506 | $3,511,853 | $4,578,099 | $5,206,137 |
| Apricots— | | | | | |
| Pounds | 71,775,450 | ---------- | 71,775,450 | 70,643,022 | 43,089,530 |
| Value | $8,015,392 | ---------- | $8,015,392 | $7,773,286 | $7,320,041 |
| Figs— | | | | | |
| Pounds | 53,555,863 | ---------- | 53,555,863 | 53,517,429 | 28,020,931 |
| Value | $3,004,983 | ---------- | $3,004,983 | $2,913,621 | $2,770,027 |
| Olives— | | | | | |
| Pounds | (2) | (2) | 658,005 | (4) | (4) |
| Value | (2) | (2) | $36,174 | (4) | (4) |
| Peaches— | | | | | |
| Pounds | 54,431,032 | ---------- | 54,431,032 | 57,929,527 | 35,849,539 |
| Value | $3,464,379 | ---------- | $3,464,379 | $4,172,350 | $4,307,597 |
| Pears— | | | | | |
| Pounds | 27,065,857 | ---------- | 27,065,857 | 10,771,060 | (28) |
| Value | $1,622,434 | ---------- | $1,622,434 | $750,976 | (28) |
| Prunes— | | | | | |
| Pounds | 408,208,638 | ---------- | 408,208,638 | 441,777,393 | 347,349,407 |
| Value | $15,401,070 | ---------- | $15,401,070 | $19,366,516 | $30,361,569 |
| Raisins— | | | | | |
| Pounds | (2) | (2) | 455,315,248 | 449,203,309 | 421,203,596 |
| Value | (2) | (2) | $18,208,498 | $21,668,127 | $23,513,224 |
| Other dried fruits— | | | | | |
| Pounds | 8,045,088 | ---------- | 8,045,088 | 12,712,698 | [29] 18,565,900 |
| Value | $391,447 | ---------- | $391,447 | $580,554 | [29] $2,412,973 |
| Dried and dehydrated vegetables— | | | | | |
| Pounds | (2) | (2) | 5,640,340 | (23) | (23) |
| Value | (2) | (2) | $521,713 | $149,704 | $404,764 |
| Olives (not canned), total value | $5,930,123 | $1,836,165 | $7,766,288 | $6,286,682 | ---------- |
| Bottled, including stuffed olives | 4,447,711 | 1,679,699 | 6,127,410 | 4,183,335 | |
| Bulk, value | 1,482,412 | 156,466 | 1,638,878 | 2,103,347 | $10,286,843 |
| Tomato pulp (in bulk), value [30] | (2) | (2) | 349,705 | 143,978 | |
| Cold-pack fruits, value | (2) | (2) | 4,796,264 | 4,622,431 | (4) |

[1] No comparable figures.
[2] Withheld to avoid disclosing data for individual establishments.
[3] Not reported separately; included in figure for "Other canned vegetables."
[4] Not called for on schedule.
[5] Statistics on the production of "Kraut, in bulk" will be found in the report for the "Pickled fruits and vegetables and vegetable sauces and seasonings" industry, table 4.
[6] See also "Tomato pulp, (in bulk)."
[7] Not strictly comparable as "Tomato purée" was not called for in 1929.
[8] Includes figures for "Canned soups," as well as items covered by footnote 3.
[9] Includes figures for an indeterminate amount of "Other fruit juices."
[10] Included in figures for "Other berries."
[11] Includes figures for cranberries.
[12] Not reported separately; included in figures for "Other canned fruits."
[13] See also "Olives," "Bottled" and in "Bulk."
[14] Includes figures for "Other fruit juices," as well as item covered by footnote 12.
[15] See also "Fruit juices, in bulk."
[16] Data incomplete.
[17] Quantity not reported.
[18] Included in figures for "Other canned fruits."
[19] Includes data for cranberry juice.
[20] In addition, chicken broth and soup and other soups valued at $2,239,160 were reported by establishments classified in the "Poultry dressing and packing, wholesale" ndustry and in the "Meat packing, wholesale" industry.
[21] Included in figures for "Other canned vegetables."
[22] See also "Fruit juices, canned and bottled."
[23] No data.
[24] Includes figures for "Prune juice."
[25] Quantity not reported.
[26] Reported only by establishments classified in this industry.
[27] Includes production on large fruit farms, but does not include production on other farms and ranches.
[28] Included in figures for "Other dried fruits."
[29] Includes figures for "Dried pears."
[30] See also "Tomato pulp and purée," canned.

TABLE 5.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

[This table presents statistics for each State for which separate figures can be published without disclosing, exactly or approximately, any data for individual establishments. Some of the "Other States," however, reported larger quantities and values of certain classes of products than some of the States shown separately]

| PRODUCT AND STATE | Quantity | Value |
|---|---|---|
| CANNED VEGETABLES | *Cases (actual number)* | |
| Asparagus, total | 2,790,922 | $10,699,000 |
| California | 1,850,911 | 8,337,288 |
| Delaware | 27,926 | 117,224 |
| Illinois | 235,352 | 747,597 |
| Michigan | 86,475 | 241,097 |
| New Jersey | 234,186 | 467,050 |
| Washington | 80,735 | 352,600 |
| Other States | 275,337 | 436,144 |
| Beans, with pork or sauce, including baked, total | 19,459,141 | 31,604,401 |
| California | 531,666 | 1,099,647 |
| Illinois | 3,113,162 | 5,063,143 |
| Indiana | 3,458,863 | 4,432,683 |
| New Jersey | 4,234,799 | 5,991,265 |
| Ohio | 644,419 | 865,656 |
| Texas | 222,822 | 329,653 |
| Other States | 7,253,410 | 13,822,354 |
| Beans, green-pod, total | 7,032,470 | 11,274,373 |
| Arkansas | 234,712 | 323,229 |
| California | 88,985 | 176,951 |
| Colorado | 126,412 | 214,139 |
| Delaware | 79,987 | 131,864 |
| Iowa | 57,142 | 91,555 |
| Louisiana | 95,497 | 114,689 |
| Maine | 106,119 | 188,052 |
| Maryland | 1,749,030 | 2,300,111 |
| Michigan | 492,667 | 876,468 |
| Mississippi | 100,312 | 135,035 |
| Missouri | 31,146 | 40,507 |
| New York | 1,067,525 | 1,755,523 |
| Oregon | 684,541 | 1,343,503 |
| Pennsylvania | 188,530 | 251,342 |
| South Carolina | 33,781 | 46,543 |
| Texas | 264,300 | 373,072 |
| Utah | 169,612 | 354,102 |
| Virginia | 110,370 | 142,663 |
| Washington | 335,635 | 710,546 |
| Wisconsin | 609,276 | 1,055,992 |
| Other States | 406,891 | 648,487 |
| Beans, wax-pod, total | 1,341,273 | 2,262,008 |
| Arkansas | 2,684 | 4,043 |
| Colorado | 85,245 | 148,677 |
| Iowa | 60,210 | 92,183 |
| Maine | 112,961 | 196,289 |
| Maryland | 68,409 | 83,142 |
| Michigan | 196,466 | 333,944 |
| New York | 312,801 | 523,367 |
| Pennsylvania | 70,134 | 93,444 |
| Texas | 11,299 | 14,879 |
| Utah | 19,373 | 34,187 |
| Wisconsin | 338,246 | 638,020 |
| Other States | 63,445 | 99,833 |
| Beans, lima (green), total | 2,664,265 | 4,822,283 |
| Delaware | 621,711 | 1,281,909 |
| Indiana | 203,943 | 427,672 |
| Maryland | 502,912 | 731,569 |
| Michigan | 102,045 | 239,280 |
| Ohio | 31,725 | 56,521 |
| Pennsylvania | 45,810 | 75,277 |
| Virginia | 399,038 | 696,156 |
| Wisconsin | 109,604 | 221,449 |
| Other States | 647,477 | 1,092,450 |
| Beans, kidney, total | 3,348,267 | 4,615,067 |
| California | 60,338 | 114,213 |
| Illinois | 981,888 | 1,199,380 |
| Indiana | 704,091 | 878,967 |
| Maryland | 56,389 | 61,663 |
| New York | 73,397 | 91,791 |
| Ohio | 346,282 | 431,244 |
| Pennsylvania | 220,571 | 419,871 |
| Texas | 26,597 | 52,675 |
| Other States | 878,714 | 1,365,263 |
| Beans, other, total | 3,023,189 | 4,618,918 |
| California | 178,096 | 202,004 |
| Delaware | 35,966 | 59,447 |
| Illinois | 173,215 | 246,134 |
| Indiana | 771,082 | 874,362 |
| Ohio | 65,489 | 70,219 |
| Texas | 157,957 | 345,745 |
| Other States | 1,641,384 | 2,821,007 |

| PRODUCT AND STATE | Quantity | Value |
|---|---|---|
| CANNED VEGETABLES—con. | *Cases (actual number)* | |
| Beets, total | 2,619,130 | $3,628,668 |
| Louisiana | 12,622 | 14,396 |
| Maryland | 110,856 | 148,531 |
| Michigan | 131,632 | 187,667 |
| New Jersey | 19,290 | 28,853 |
| New York | 1,293,933 | 1,636,856 |
| Ohio | 43,582 | 67,470 |
| Texas | 21,193 | 29,850 |
| Utah | 18,632 | 29,181 |
| Wisconsin | 544,833 | 825,858 |
| Other States | 422,557 | 660,006 |
| Carrots, total | 1,833,135 | 2,098,788 |
| California | 21,910 | 37,062 |
| Maryland | 45,622 | 49,039 |
| New York | 996,865 | 928,533 |
| Oregon | 318,658 | 417,248 |
| Utah | 8,394 | 11,664 |
| Wisconsin | 241,059 | 374,278 |
| Other States | 200,627 | 280,964 |
| Corn, total | 16,845,247 | 26,305,784 |
| Delaware | 164,411 | 191,411 |
| Illinois | 2,849,629 | 5,150,068 |
| Indiana | 1,999,641 | 2,642,699 |
| Iowa | 1,079,876 | 1,365,756 |
| Maine | 745,331 | 1,229,044 |
| Maryland | 1,580,757 | 2,252,477 |
| Minnesota | 3,233,641 | 5,343,597 |
| Nebraska | 227,344 | 292,758 |
| New York | 1,278,684 | 2,015,602 |
| Ohio | 1,058,350 | 1,510,589 |
| Oregon | 79,849 | 132,788 |
| Pennsylvania | 504,472 | 817,463 |
| Vermont | 78,433 | 128,200 |
| Virginia | 57,871 | 95,446 |
| Washington | 154,669 | 279,187 |
| Wisconsin | 1,125,276 | 1,858,427 |
| Other States | 627,013 | 1,000,272 |
| Corn on the cob, total | 381,654 | 762,981 |
| Minnesota | 121,924 | 252,602 |
| Other States | 259,730 | 510,379 |
| Greens, other than spinach, total | 467,388 | 651,034 |
| Arkansas | 123,197 | 158,656 |
| Georgia | 36,688 | 48,253 |
| Maryland | 29,709 | 50,223 |
| Texas | 100,097 | 137,265 |
| Other States | 177,697 | 256,637 |
| Hominy, total | 1,911,811 | 2,324,675 |
| California | 227,743 | 356,865 |
| Illinois | 179,747 | 227,263 |
| Indiana | 653,530 | 817,101 |
| Texas | 216,085 | 251,412 |
| Other States | 634,706 | 672,034 |
| Kraut,[1] total | 4,863,744 | 6,439,075 |
| Illinois | 41,537 | 71,553 |
| Indiana | 439,597 | 587,158 |
| Michigan | 138,564 | 182,186 |
| New York | 1,953,023 | 2,467,660 |
| Ohio | 436,682 | 542,415 |
| Oregon | 55,059 | 82,860 |
| Texas | 84,885 | 110,616 |
| Wisconsin | 1,091,724 | 1,483,589 |
| Other States | 622,673 | 911,038 |
| Kraut juice, total | 134,599 | 180,398 |
| New York | 42,513 | 49,240 |
| Wisconsin | 41,417 | 54,884 |
| Other States | 50,669 | 76,274 |
| Peas, green, total | 17,787,322 | 34,355,395 |
| California | 245,045 | 462,395 |
| Delaware | 117,494 | 177,975 |
| Georgia | 46,246 | 71,511 |
| Illinois | 1,080,070 | 2,307,992 |
| Indiana | 421,995 | 676,150 |
| Louisiana | 1,788 | 2,174 |
| Maryland | 921,745 | 1,444,603 |
| Michigan | 513,615 | 923,153 |
| Minnesota | 1,488,135 | 3,082,583 |

| PRODUCT AND STATE | Quantity | Value |
|---|---|---|
| CANNED VEGETABLES—con. | *Cases (actual number)* | |
| Peas, green—Continued. | | |
| New York | 1,878,762 | $3,375,126 |
| Ohio | 188,311 | 318,385 |
| Oregon | 1,284,634 | 2,321,715 |
| Pennsylvania | 263,947 | 426,939 |
| Texas | 23,525 | 35,078 |
| Utah | 991,898 | 2,153,735 |
| Virginia | 145,958 | 185,250 |
| Washington | 2,178,740 | 4,494,117 |
| Wisconsin | 4,954,970 | 9,806,425 |
| Other States | 1,040,444 | 2,090,089 |
| Pimientos, total | 980,585 | 2,245,165 |
| California | 180,947 | 557,172 |
| Georgia | 782,273 | 1,651,760 |
| Other States | 17,365 | 36,233 |
| Pumpkin and squash, total | 2,373,935 | 3,447,772 |
| California | 123,062 | 203,562 |
| Indiana | 677,074 | 945,028 |
| Iowa | 203,204 | 265,786 |
| New York | 80,391 | 131,862 |
| Ohio | 175,533 | 243,639 |
| Oregon | 145,635 | 218,366 |
| Utah | 16,526 | 26,756 |
| Other States | 952,510 | 1,412,773 |
| Rhubarb | 19,249 | 30,887 |
| Spaghetti, total | 5,173,311 | 8,721,566 |
| Indiana | 514,828 | 678,681 |
| Texas | 18,880 | 31,080 |
| Other States | 4,639,603 | 8,011,805 |
| Spinach, total | 4,160,034 | 6,965,504 |
| Arkansas | 838,176 | 1,094,976 |
| California | 1,449,670 | 3,241,950 |
| Maryland | 486,285 | 827,666 |
| New York | 602,498 | 593,731 |
| Oklahoma | 136,290 | 182,692 |
| Texas | 315,205 | 464,602 |
| Virginia | 121,918 | 191,933 |
| Wisconsin | 29,052 | 52,368 |
| Other States | 180,940 | 315,586 |
| Succotash, total | 285,184 | 504,991 |
| Maryland | 35,363 | 53,822 |
| New York | 68,834 | 125,017 |
| Ohio | 8,515 | 12,833 |
| Other States | 172,472 | 313,319 |
| Sweet potatoes | 264,112 | 450,607 |
| Tomatoes, total | 23,385,146 | 34,187,912 |
| Arkansas | 214,784 | 272,269 |
| California | 3,252,188 | 6,977,292 |
| Colorado | 273,606 | 480,704 |
| Delaware | 443,969 | 543,511 |
| Florida | 438,905 | 517,756 |
| Illinois | 280,699 | 388,314 |
| Indiana | 2,908,059 | 4,053,901 |
| Iowa | 202,747 | 271,393 |
| Kentucky | 187,521 | 221,602 |
| Maryland | 6,245,400 | 7,923,073 |
| Michigan | 371,256 | 526,376 |
| Missouri | 468,944 | 599,772 |
| New Jersey | 176,107 | 257,089 |
| New York | 1,165,784 | 1,821,938 |
| Ohio | 1,758,152 | 2,356,335 |
| Oregon | 117,895 | 206,692 |
| Pennsylvania | 753,249 | 1,271,460 |
| South Carolina | 96,746 | 117,350 |
| Tennessee | 189,783 | 241,883 |
| Texas | 799,397 | 980,698 |
| Utah | 856,626 | 1,394,072 |
| Virginia | 1,560,873 | 1,893,593 |
| Washington | 40,385 | 66,637 |
| West Virginia | 143,716 | 172,280 |
| Wisconsin | 275,809 | 388,219 |
| Other States | 162,546 | 243,703 |

See footnotes at end of table.

TABLE 5.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939—Continued

| PRODUCT AND STATE | Quantity | Value |
|---|---|---|
| CANNED VEGETABLES—con. | *Cases (actual number)* | |
| Tomato juice and cocktail, total | 13,753,844 | $20,439,397 |
| California | 1,259,208 | 2,173,505 |
| Colorado | 147,375 | 300,775 |
| Florida | 6,227 | 8,779 |
| Illinois | 1,375,430 | 1,857,741 |
| Indiana | 2,533,856 | 3,584,605 |
| Maryland | 1,032,264 | 1,322,878 |
| New Jersey | 3,284,168 | 5,130,998 |
| New York | 1,860,843 | 2,493,151 |
| Ohio | 600,379 | 951,124 |
| Utah | 209,277 | 350,348 |
| Washington | 9,603 | 19,631 |
| Wisconsin | 37,568 | 55,362 |
| Other States | 1,397,646 | 2,190,500 |
| Tomato paste, total | 2,277,317 | 6,105,292 |
| California | 1,922,959 | 5,276,734 |
| Indiana | 40,752 | 70,617 |
| New York | 102,331 | 301,359 |
| Texas | 59,761 | 117,445 |
| Other States | 151,514 | 339,137 |
| Tomato pulp and purée,[2] total | 3,611,681 | 4,835,216 |
| California | 594,702 | 894,765 |
| Colorado | 4,600 | 8,282 |
| Delaware | 75,976 | 60,997 |
| Illinois | 46,819 | 67,379 |
| Indiana | 1,106,359 | 1,657,703 |
| Iowa | 8,232 | 10,906 |
| Kentucky | 15,938 | 23,239 |
| Maryland | 506,346 | 488,617 |
| Michigan | 120,691 | 161,073 |
| New Jersey | 189,287 | 264,434 |
| New York | 82,500 | 139,428 |
| Ohio | 309,724 | 428,913 |
| Texas | 70,131 | 70,201 |
| Utah | 164,308 | 213,661 |
| Wisconsin | 13,565 | 16,225 |
| Other States | 302,503 | 329,393 |
| Tomato sauce, total | 2,100,778 | 4,386,613 |
| California | 1,721,141 | 3,756,124 |
| Other States | 379,637 | 630,489 |
| Mushrooms, total | 1,176,007 | 2,897,121 |
| Pennsylvania | 568,828 | 1,761,778 |
| Other States | 607,179 | 1,135,343 |
| Vegetable purée (for infants) | 3,866,008 | 6,793,072 |
| Vegetables, mixed, total | 1,947,404 | 3,052,865 |
| California | 67,444 | 202,663 |
| Maryland | 483,228 | 538,245 |
| New York | 169,973 | 188,696 |
| Wisconsin | 701,842 | 1,188,286 |
| Other States | 524,917 | 934,975 |
| Other canned vegetables, total | 2,887,631 | 4,672,561 |
| California | 229,250 | 680,797 |
| Illinois | 13,229 | 27,639 |
| Indiana | 132,157 | 155,082 |
| Louisiana | 43,176 | 69,462 |
| Maryland | 1,105,866 | 1,470,794 |
| Pennsylvania | 91,651 | 133,591 |
| Texas | 178,796 | 331,919 |
| Virginia | 229,535 | 371,987 |
| Washington | 2,769 | 6,015 |
| Wisconsin | 21,090 | 38,450 |
| Other States | 840,112 | 1,386,825 |
| Canned soups (not including clam broth, bouillon, juice, and chowder) | 27,995,220 | 75,923,263 |
| CANNED FRUITS | | |
| Apples, total | 2,765,907 | 4,225,838 |
| New York | 378,041 | 524,561 |
| Oregon | 282,332 | 487,849 |
| Pennsylvania | 872,102 | 1,435,902 |
| Washington | 673,155 | 1,059,571 |
| Other States | 560,277 | 717,955 |
| Applesauce, total | 3,312,108 | 3,928,104 |
| New York | 1,757,473 | 2,019,551 |
| Virginia | 436,112 | 450,915 |
| Other States | 1,118,523 | 1,457,638 |

See footnotes at end of table.

| PRODUCT AND STATE | Quantity | Value |
|---|---|---|
| CANNED FRUITS—con. | *Cases (actual number)* | |
| Apricots, total | 3,771,778 | $9,408,639 |
| California | 3,365,753 | 8,961,755 |
| Utah | 145,849 | 228,859 |
| Washington | 3,489 | 8,920 |
| Other States | 256,687 | 209,105 |
| Blackberries, total | 384,688 | 781,452 |
| Arkansas | 24,967 | 40,329 |
| Missouri | 12,842 | 21,271 |
| Oregon | 52,172 | 111,126 |
| Texas | 59,908 | 112,223 |
| Washington | 118,785 | 269,366 |
| Other States | 116,014 | 227,137 |
| Blueberries, total | 267,036 | 725,700 |
| Maine | 220,140 | 605,190 |
| Other States | 46,896 | 120,510 |
| Cranberries and sauce, total | 2,036,412 | 4,570,191 |
| New Jersey | 646,203 | 1,401,695 |
| Other States | 1,390,209 | 3,168,496 |
| Loganberries, total | 214,832 | 555,536 |
| Oregon | 191,925 | 485,259 |
| Washington | 22,907 | 70,277 |
| Raspberries, black, total | 169,234 | 438,123 |
| Michigan | 115,471 | 299,768 |
| New York | 38,550 | 89,314 |
| Oregon | 12,286 | 40,210 |
| Other States | 2,827 | 8,831 |
| Raspberries, red, total | 233,940 | 772,971 |
| New York | 107,328 | 266,507 |
| Oregon | 75,863 | 290,898 |
| Other States | 50,749 | 215,566 |
| Strawberries, total | 134,211 | 576,299 |
| Michigan | 19,650 | 61,590 |
| Oregon | 89,460 | 408,701 |
| Washington | 8,151 | 34,433 |
| Other States | 16,950 | 71,575 |
| Berries, other, total | 203,745 | 506,592 |
| Michigan | 5,560 | 14,564 |
| Oregon | 168,957 | 416,259 |
| Washington | 21,254 | 53,371 |
| Other States | 7,974 | 22,398 |
| Cherries, R. S. P., total | 3,046,668 | 6,178,600 |
| California | 90 379 | 289,655 |
| Michigan | 1,780,279 | 3,537,825 |
| New York | 502,794 | 980,460 |
| Ohio | 69,723 | 139,593 |
| Oregon | 104,047 | 226,115 |
| Pennsylvania | 60,640 | 116,880 |
| Utah | 33,774 | 67,783 |
| Washington | 107,166 | 239,156 |
| Other States | 297,866 | 581,133 |
| Cherries, sweet, total | 1,550,827 | 5,356,154 |
| California | 848,411 | 2,932,009 |
| Michigan | 25,211 | 70,024 |
| Oregon | 370,584 | 1,318,458 |
| Washington | 219,686 | 860,299 |
| Other States | 86,935 | 175,364 |
| Figs, total | 401,601 | 1,170,515 |
| California | 234,339 | 832,232 |
| Other States | 167,262 | 338,283 |
| Fruit salad and fruit cocktail, total | 4,748,315 | 18,998,055 |
| California | 4,618,727 | 18,651,119 |
| Other States | 129,588 | 346,936 |
| Grapefruit sections, Florida and Texas (none reported from other States) | 4,379,847 | 6,749,704 |
| Olives, ripe,[3] total | 772,241 | 3,116,395 |
| California | 659,689 | 2,756,798 |
| Other States | 112,552 | 359,597 |

| PRODUCT AND STATE | Quantity | Value |
|---|---|---|
| CANNED FRUITS—con. | *Cases (actual number)* | |
| Peaches, total | 12,547,566 | $31,254,582 |
| California | 11,869,603 | 29,484,204 |
| Georgia | 91,314 | 164,326 |
| Michigan | 159,179 | 335,539 |
| New York | 43,194 | 135,842 |
| Oregon | 112,397 | 380,074 |
| South Carolina | 10,900 | 24,200 |
| Utah | 24,561 | 39,856 |
| Washington | 182,929 | 583,957 |
| Other States | 53,489 | 106,584 |
| Pears, total | 5,189,441 | 15,643,775 |
| California | 1,428,061 | 4,801,639 |
| Oregon | 1,320,777 | 3,913,604 |
| Washington | 1,655,404 | 5,409,338 |
| Other States | 785,199 | 1,519,194 |
| Plums, total | 318,627 | 613,911 |
| California | 88,026 | 179,675 |
| Other States | 230,601 | 434,236 |
| Prunes, total | 3,243,943 | 5,041,193 |
| California | 164,087 | 407,470 |
| New York | 1,121,350 | 1,419,377 |
| Oregon | 1,781,114 | 2,865,626 |
| Other States | 177,392 | 348,720 |
| Fruit purée (for infants) | 855,504 | 1,706,066 |
| Other canned fruits, total | 381,381 | 889,836 |
| California | 172,656 | 510,501 |
| New York | 81,918 | 108,542 |
| Other States | 126,807 | 270,793 |
| FRUIT JUICES, CANNED AND BOTTLED [4] | | |
| Apple, total | 337,307 | 483,248 |
| Michigan | 155,716 | 235,740 |
| New York | 92,546 | 127,926 |
| Other States | 89,045 | 119,582 |
| Grape, total | 2,960,082 | 7,110,673 |
| New York | 1,392,314 | 3,750,218 |
| Other States | 1,567,768 | 3,360,455 |
| Grapefruit, total | 8,993,099 | 9,584,584 |
| Florida | 4,647,298 | 5,041,328 |
| Texas [5] | 4,345,801 | 4,543,256 |
| Lemon | 83,521 | 178,708 |
| Orange, total | 1,507,128 | 1,922,513 |
| Florida | 1,105,139 | 1,357,383 |
| Other States | 401,989 | 565,130 |
| Prune | 178,044 | 234,419 |
| Other fruit juices, total [6] | 1,453,675 | 2,674,895 |
| California | 624,123 | 1,575,046 |
| Florida | 626,663 | 750,979 |
| New Jersey | 27,906 | 50,582 |
| Oregon | 50,446 | 94,561 |
| Other States | 124,537 | 203,727 |
| FRUIT JUICES IN BULK [7] | *Gallons* | |
| Grape, total | 1,636,421 | 891,494 |
| California | 26,250 | 15,011 |
| New York | 1,086,756 | 593,574 |
| Other States | 523,415 | 282,909 |
| Grapefruit | 422,620 | 158,449 |
| Lemon, California (none reported from other States) | 466,084 | 219,045 |
| Orange, total | 1,603,840 | 557,599 |
| California | 1,475,225 | 472,354 |
| Other States | 128,615 | 85,245 |
| Other fruit [8] | 862,400 | 237,586 |
| Olive oil, produced in plant, total | 833,247 | 1,289,675 |
| California | 673,063 | 942,729 |
| Other States | 160,184 | 346,946 |

TABLE 5.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939—Continued

| PRODUCT AND STATE | Quantity | Value |
|---|---|---|
| DRIED FRUITS [9] | | |
| | *Pounds* | |
| Apples, total | 59, 772, 645 | $3, 511, 853 |
| California | 27, 299, 596 | 1, 685, 535 |
| New York | 3, 762, 732 | 194, 646 |
| Washington | 20, 579, 337 | 1, 271. 058 |
| Other States | 8, 130, 980 | 360, 614 |
| Apricots, California (none reported from other States) | 71, 775, 450 | 8, 015, 392 |
| Figs, California (none reported from other States) | 53, 555, 863 | 3, 004, 983 |
| Olives, California (none reported from other States) | 658, 005 | 36, 174 |
| Peaches, California (none reported from other States) | 54, 431, 032 | 3, 464, 379 |
| Pears, California and Washington (none reported from other States) | 27, 065, 857 | 1, 622, 434 |
| Prunes, total | 408, 208, 638 | 15. 401, 070 |
| California | 373, 147, 173 | 14, 208, 193 |
| Other States | 35, 061, 465 | 1, 192, 877 |
| DRIED FRUITS—con. | | |
| | *Pounds* | |
| Raisins, California [10] | 455, 315, 248 | $18, 208, 498 |
| Other dried fruits, total | 8, 045, 088 | 391, 447 |
| California | 4, 139, 732 | 236, 682 |
| Other States | 3, 905, 356 | 154, 765 |
| MISCELLANEOUS | | |
| Dried and dehydrated vegetables, United States | 5, 640, 340 | 521, 713 |
| Olives, bottled, total | | 6, 127, 410 |
| California | | 381, 887 |
| Illinois | | 1, 146, 219 |
| Louisiana | | 23, 329 |
| New York | | 2, 445, 267 |
| Ohio | | 560, 794 |
| Other States | | 1, 569, 914 |
| MISCELLANEOUS—con. | | |
| Olives, in bulk, total | | $1, 638, 878 |
| California | | 410, 299 |
| Illinois | | 222, 929 |
| New York | | 567, 840 |
| Other States | | 437, 810 |
| Tomato pulp, in bulk | | 349, 705 |
| Cold-pack fruits, total | | 4, 796, 264 |
| Michigan | | 225, 655 |
| New York | | 456, 542 |
| Ohio | | 19, 767 |
| Oregon | | 1, 458, 667 |
| Virginia | | 301, 512 |
| Washington | | 1, 531, 887 |
| Other States | | 802, 234 |
| | *Cases (actual number)* | |
| Other canned foods | 1, 649, 403 | 2, 688, 528 |

[1] Statistics on the production of "Kraut, in bulk" will be found in the report for the "Pickled fruits and vegetables and vegetable sauces and seasonings" industry, table 4
[2] See also "Tomato pulp, in bulk."
[3] See also "Olives, bottled and in bulk."
[4] See also "Fruit juices, in bulk."
[5] Includes very small amount produced in Arizona and California.
[6] Includes data for cranberry juice.
[7] See also "Fruit juices, canned and bottled," above.
[8] Includes figures for prune juice.
[9] Includes production on large fruit farms, but does not include production on other farms and ranches.
[10] Includes very small amount produced in Oregon and Texas.

TABLE 6.—CANNED VEGETABLES, CANNED FRUITS, AND CANNED AND BOTTLED FRUIT JUICES; CASES PACKED BY NUMBER AND SIZE, FOR THE UNITED STATES: 1939

[Includes data for output of these commodities made as secondary products in industries other than the "Canned and dried fruits and vegetables" industry]

| PRODUCTS | Total | NUMBER OF CASES OF— | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | No. 1 size (picnic) cans (48 cans to case) | No. 2 size cans (24 cans to case) | No. 2½ size cans (24 cans to case) | No. 303 size cans (24 cans to case) | No. 10 size cans (6 cans to case) | Special size cans (number to case varies) | Glass containers (number to case varies) | |
| | | | | | | | | 20 ounces and under | Over 20 ounces |
| Aggregate number of cases | 221, 208, 491 | 14, 047, 290 | 74, 932, 076 | 33, 373, 225 | 12, 224, 703 | 23, 521, 303 | 55, 780, 182 | 4, 272, 176 | 3, 057, 536 |
| Canned vegetables, total | 154, 765, 783 | 8, 937, 007 | 59, 315, 768 | 16, 986, 161 | 9, 820, 047 | 12, 697, 121 | 43, 551, 781 | 2, 708, 603 | 749, 295 |
| Asparagus | 2, 790, 922 | 761, 172 | 697, 359 | 53, 015 | 67, 837 | 129, 325 | 1, 082, 176 | 38 | |
| Beans, with pork or sauce, including baked | 19, 459, 141 | 1, 174, 575 | 1, 307, 032 | 2, 704, 672 | 1, 573, 756 | 310, 641 | 11, 679, 512 | 651, 698 | 57, 255 |
| Beans, green-pod | 7, 032, 470 | 170, 511 | 5, 371, 386 | 243, 225 | 103, 655 | 762, 047 | 363, 370 | 18, 271 | 5 |
| Beans, wax-pod | 1, 341, 273 | 41, 659 | 1, 127, 244 | 15, 300 | 12, 483 | 110, 250 | 18, 148 | 16, 183 | 6 |
| Beans, lima (green) | 2, 664, 265 | 157, 585 | 2, 054, 942 | 280 | 145, 258 | 171, 798 | 134, 203 | 199 | |
| Beans, kidney | 3, 348, 267 | 76, 822 | 2, 053, 620 | 183, 654 | 133, 178 | 123, 946 | 772, 490 | 1, 102 | 3, 455 |
| Beans, other | 3, 023, 189 | 55, 404 | 995, 581 | 418, 715 | 108, 797 | 158, 308 | 1, 247, 818 | 34, 244 | 4, 322 |
| Beets | 2, 619, 130 | 32, 932 | 1, 178, 000 | 398, 079 | 30, 112 | 395, 532 | 288, 830 | 295, 645 | |
| Carrots | 1, 833, 135 | 25, 135 | 659, 301 | 18, 377 | 26, 584 | 332, 151 | 753, 287 | 18, 300 | |
| Corn | 16, 845, 247 | 538, 451 | 11, 539, 676 | 61, 191 | 1, 365, 036 | 682, 848 | 2, 635, 797 | 22, 248 | |
| Corn on the cob | 381, 654 | | 84, 289 | 545 | 12, 450 | 6, 999 | 277, 371 | | |
| Greens, other than spinach | 467, 388 | 9, 820 | 349, 490 | 64, 810 | | 43, 265 | 3 | | |
| Hominy | 1, 911, 811 | 18, 458 | 387, 670 | 1, 142, 502 | 2, 416 | 117, 324 | 243, 441 | | |
| Kraut | 4, 863, 744 | 118, 019 | 779, 214 | 3, 501, 607 | 22, 870 | 314, 494 | 127, 540 | | |
| Kraut juice | 134, 599 | 3, 058 | 65, 707 | 19, 507 | 7, 627 | 1, 432 | 33, 855 | 3, 413 | |
| Peas (green) | 17, 787, 322 | 1, 146, 097 | 11, 339, 988 | 1, 415 | 3, 549, 996 | 1, 049, 868 | 661, 214 | 38, 744 | |
| Pimientos | 980, 585 | 44, 885 | 19, 025 | 114, 658 | 8, 360 | 41, 148 | 746, 965 | 5, 544 | |
| Pumpkin and squash | 2, 373, 935 | | 283, 088 | 1, 539, 847 | 7, 704 | 501, 623 | 41, 673 | | |
| Rhubarb | 19, 249 | | 1, 373 | 529 | | 16, 937 | 410 | | |
| Spaghetti | 5, 173, 311 | 291, 913 | 153, 840 | 38, 291 | 415, 582 | 58, 449 | 4, 176, 991 | 36, 290 | 1, 955 |
| Spinach | 4, 160, 034 | 181, 689 | 1, 683, 778 | 1, 132, 512 | 7, 037 | 410, 857 | 733, 065 | 11, 096 | |
| Succotash | 285, 184 | 6, 677 | 232, 243 | | 36, 836 | 2, 542 | 5, 569 | 1, 317 | |
| Sweet potatoes | 264, 112 | 1, 484 | 111, 033 | 71, 202 | | 32, 502 | 47, 891 | | |
| Tomatoes | 23, 385, 146 | 1, 526, 424 | 13, 483, 618 | 5, 055, 789 | 111, 713 | 2, 661, 779 | 495, 004 | 15, 314 | 35, 505 |
| Tomato juice and cocktail | 13, 753, 844 | 1, 798, 940 | 1, 219, 353 | 128, 897 | 1, 330, 818 | 1, 626, 775 | 6, 820, 850 | 358, 370 | 469, 841 |
| Tomato paste | 2, 277, 317 | 2, 218 | 10, 746 | 21, 558 | 7, 600 | 475, 926 | 1, 741, 917 | | 17, 352 |
| Tomato pulp and purée | 3, 611, 681 | 444, 799 | 68, 359 | 10, 883 | | 1, 927, 522 | 1, 149, 299 | | 10, 819 |
| Tomato sauce | 2, 100, 778 | 4, 706 | 71, 837 | | | 30, 784 | 1, 828, 296 | 152, 513 | 12, 642 |
| Mushrooms | 1, 176, 007 | 65, 838 | 39, 778 | 13, 678 | 712 | 14, 333 | 841, 643 | 70, 025 | 130, 000 |
| Vegetable purée (for infants) | 3, 866, 008 | 571 | 17, 822 | | | 2, 727 | 2, 920, 116 | 924, 772 | |
| Vegetables, mixed | 1, 947, 404 | 75, 385 | 987, 606 | 3, 369 | 507, 248 | 80, 808 | 287, 392 | 5, 596 | |
| Other canned vegetables | 2, 887, 631 | 161, 780 | 941, 770 | 28, 054 | 224, 382 | 102, 181 | 1, 395, 645 | 27, 681 | 6, 138 |

TABLE 6.—CANNED VEGETABLES, CANNED FRUITS, AND CANNED AND BOTTLED FRUIT JUICES; CASES PACKED BY NUMBER AND SIZE, FOR THE UNITED STATES: 1939—Continued

| PRODUCTS | Total | NUMBER OF CASES OF— | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | No. 1 size (picnic) cans (48 cans to case) | No. 2 size cans (24 cans to case) | No. 2½ size cans (24 cans to case) | No. 303 size cans (24 cans to case) | No. 10 size cans (6 cans to case) | Special size cans (number to case varies) | Glass containers (number to case varies) | |
| | | | | | | | | 20 ounces and under | Over 20 ounces |
| Canned fruits, total | 50,929,852 | 4,579,151 | 9,857,382 | 16,144,524 | 1,604,164 | 10,420,737 | 7,585,722 | 314,354 | 423,818 |
| Apples | 2,765,907 | ---------- | 54,235 | 22,456 | 39,790 | 2,632,462 | 16,964 | ---------- | ---------- |
| Applesauce | 3,312,108 | 248,801 | 2,000,013 | 75,817 | 309,123 | 281,849 | 392,520 | 3,985 | ---------- |
| Apricots | 3,771,778 | 252,092 | 107,685 | 1,542,252 | 56,810 | 1,093,304 | 719,485 | 150 | ---------- |
| Blackberries | 384,688 | 929 | 185,200 | 14,580 | 9,832 | 130,749 | 43,368 | 30 | ---------- |
| Blueberries | 267,036 | 9,757 | 85,928 | ---------- | 9,692 | 138,574 | 23,085 | ---------- | ---------- |
| Cranberries and sauce | 2,036,412 | 1,232,080 | 23,173 | ---------- | 421,040 | 84,503 | 244,759 | 30,857 | ---------- |
| Loganberries | 214,832 | 2,368 | 124,131 | 376 | 292 | 35,195 | 52,455 | 15 | ---------- |
| Raspberries, black | 169,234 | 6,091 | 56,641 | 105 | 1,882 | 76,489 | 27,486 | 540 | ---------- |
| Raspberries, red | 233,940 | 11,507 | 144,447 | 31 | 4,332 | 53,387 | 19,258 | 978 | ---------- |
| Strawberries | 134,211 | 10,857 | 69,752 | ---------- | 461 | 28,675 | 15,598 | 1,118 | 7,750 |
| Berries, other | 203,745 | 11,517 | 108,571 | ---------- | 7,035 | 58,198 | 18,353 | 71 | ---------- |
| Cherries, R. S. P. | 3,046,668 | 14,619 | 1,913,291 | 31,648 | 83,377 | 969,138 | 31,371 | 3,224 | ---------- |
| Cherries, sweet | 1,550,827 | 132,276 | 154,496 | 768,019 | 5,546 | 299,482 | 240,346 | 10,572 | 90 |
| Figs | 401,601 | 43,109 | 40,855 | 74,809 | 6,746 | 75,984 | 115,841 | 35,814 | 8,443 |
| Fruit salad and fruit cocktail | 4,748,315 | 1,085,997 | 140,000 | 1,353,308 | 394,823 | 444,225 | 1,314,916 | 14,752 | 294 |
| Grapefruit sections | 4,379,847 | 94,494 | 3,604,895 | 64,353 | 44,607 | 2,400 | 559,652 | 9,446 | ---------- |
| Olives, ripe | 772,241 | 207,341 | 106,036 | 30,729 | 3,915 | 121,227 | 291,251 | 11,506 | 236 |
| Peaches | 12,547,566 | 688,679 | 286,034 | 8,139,873 | 150,266 | 2,062,040 | 1,198,338 | 22,336 | ---------- |
| Pears | 5,189,441 | 405,407 | 480,269 | 2,680,904 | 44,792 | 895,868 | 670,534 | 11,473 | 194 |
| Plums | 318,627 | 8,349 | 27,788 | 161,789 | 337 | 113,469 | 6,892 | 3 | ---------- |
| Prunes | 3,243,943 | 99,860 | 112,021 | 1,150,023 | ---------- | 740,663 | 619,594 | 114,971 | 406,811 |
| Fruit purée (for infants) | 855,504 | ---------- | ---------- | ---------- | ---------- | ---------- | 839,204 | 16,300 | ---------- |
| Other canned fruits | 381,381 | 13,021 | 31,921 | 93,452 | 9,466 | 82,856 | 124,452 | 26,213 | ---------- |
| Fruit juices, canned and bottled, total | 15,512,856 | 531,132 | 5,758,926 | 242,540 | 800,492 | 403,445 | 4,642,679 | 1,249,219 | 1,884,423 |
| Apple | 337,307 | 4,972 | 63,382 | ---------- | 45,679 | 8,712 | 173,152 | 9,450 | 31,960 |
| Grape | 2,960,082 | ---------- | ---------- | ---------- | ---------- | 2,371 | 95,610 | 1,110,442 | 1,751,659 |
| Grapefruit | 8,993,099 | 105,096 | 4,821,007 | 94,917 | 672,101 | 266,124 | 2,912,300 | 112,180 | 9,374 |
| Lemon | 83,521 | 4,543 | 6,819 | 6,504 | 3,712 | 6,533 | 52,895 | 375 | 2,140 |
| Orange | 1,507,128 | 29,279 | 439,434 | 66,276 | 45,176 | 21,437 | 902,217 | 502 | 2,807 |
| Prune | 178,044 | 6,955 | ---------- | 40,134 | ---------- | 46,213 | 3,224 | 5,293 | 76,225 |
| Other fruit juices | 1,453,675 | 380,287 | 428,284 | 34,709 | 33,824 | 52,055 | 503,281 | 10,977 | 10,258 |

TABLE 7.—PRINCIPAL MATERIALS CONSUMED IN THE INDUSTRY, BY KIND, QUANTITY, AND COST, FOR THE UNITED STATES: 1939

The combined value of products reported by the 1,996 establishments that supplied data on materials consumed amounted to $586,841,196, or 99.9 percent of the total value of products for the industry]

| PRINCIPAL MATERIALS CONSUMED | Pounds | Cost |
|---|---|---|
| Sugar, total | 351,063,215 | $15,775,531 |
| Beet | 113,746,297 | 5,159,900 |
| Cane | 220,674,064 | 9,985,200 |
| Corn | 16,642,854 | 630,431 |
| Fruits and vegetables | ---------- | 153,542,234 |
| Containers, boxes, cartons, etc | ---------- | 136,537,314 |

TABLE 8.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 98,022 | 44,056 | 43,309 | 47,117 | 57,133 | 58,836 | 85,138 | 134,857 | 218,359 | 230,497 | 134,414 | 70,820 | 51,723 |
| 1937 | 119,379 | 55,407 | 55,628 | 55,968 | 72,964 | 69,234 | 99,971 | 172,955 | 267,208 | 289,190 | 148,417 | 84,951 | 60,651 |
| Arkansas | 883 | 123 | 419 | 1,360 | 1,111 | 767 | 962 | 873 | 1,337 | 1,657 | 1,205 | 223 | 564 |
| California | 25,093 | 8,951 | 8,572 | 9,663 | 19,740 | 17,060 | 18,325 | 39,305 | 67,633 | 51,805 | 34,662 | 15,940 | 9,463 |
| Colorado | 510 | 88 | 94 | 146 | 155 | 136 | 222 | 1,199 | 574 | 1,890 | 1,265 | 238 | 113 |
| Connecticut | 97 | 63 | 64 | 67 | 72 | 68 | 66 | 64 | 199 | 217 | 134 | 83 | 69 |
| Delaware | 984 | 142 | 142 | 125 | 152 | 255 | 767 | 613 | 3,446 | 4,047 | 1,748 | 226 | 151 |
| Florida | 4,333 | 7,921 | 7,098 | 7,769 | 7,044 | 4,373 | 2,812 | 2,217 | 1,390 | 825 | 1,029 | 2,842 | 6,680 |
| Georgia | 1,073 | 81 | 70 | 85 | 124 | 132 | 349 | 1,308 | 3,566 | 3,383 | 2,887 | 770 | 122 |
| Idaho | 286 | 306 | 188 | 98 | 90 | 109 | 194 | 385 | 274 | 443 | 463 | 474 | 404 |
| Illinois | 4,481 | 2,756 | 2,757 | 2,648 | 2,697 | 4,241 | 5,239 | 4,771 | 10,433 | 7,376 | 4,310 | 3,391 | 3,152 |
| Indiana | 6,224 | 2,439 | 2,508 | 2,459 | 2,496 | 2,629 | 3,849 | 2,936 | 17,567 | 23,428 | 9,056 | 2,867 | 2,458 |
| Iowa | 911 | 257 | 247 | 279 | 279 | 419 | 593 | 1,035 | 3,197 | 2,605 | 1,353 | 409 | 264 |
| Kentucky | 196 | 6 | 8 | 7 | 8 | 9 | 11 | 52 | 835 | 1,214 | 184 | 9 | 7 |
| Louisiana | 266 | 143 | 134 | 176 | 406 | 627 | 414 | 388 | 283 | 166 | 256 | 118 | 86 |
| Maine | 1,067 | 495 | 470 | 496 | 736 | 750 | 547 | 970 | 2,345 | 3,680 | 1,036 | 662 | 613 |
| Maryland | 7,101 | 1,315 | 1,572 | 2,342 | 2,473 | 3,274 | 5,496 | 10,208 | 21,111 | 20,589 | 10,387 | 3,893 | 2,547 |

TABLE 8.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939—Continued

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| Massachusetts | 209 | 144 | 147 | 152 | 155 | 157 | 193 | 197 | 178 | 275 | 394 | 306 | 211 |
| Michigan | 2,599 | 744 | 847 | 897 | 1,009 | 1,171 | 1,964 | 5,399 | 5,002 | 6,174 | 3,690 | 2,926 | 1,365 |
| Minnesota | 2,136 | 427 | 429 | 546 | 513 | 613 | 2,858 | 4,497 | 8,733 | 4,745 | 1,001 | 784 | 489 |
| Mississippi | 177 | 37 | 36 | 110 | 111 | 337 | 669 | 199 | 129 | 108 | 189 | 122 | 79 |
| Missouri | 685 | 90 | 81 | 72 | 122 | 134 | 74 | 138 | 2,582 | 3,019 | 1,652 | 185 | 74 |
| Montana | 83 | 22 | 44 | 22 | 27 | 34 | 37 | 195 | 367 | 125 | 65 | 30 | 23 |
| Nebraska | 258 | 128 | 179 | 162 | 160 | 262 | 350 | 282 | 449 | 560 | 260 | 177 | 129 |
| New Jersey | 4,303 | 3,047 | 3,013 | 3,051 | 3,090 | 3,568 | 3,782 | 3,736 | 8,268 | 7,801 | 4,481 | 3,957 | 3,837 |
| New York | 8,210 | 4,194 | 4,175 | 4,275 | 4,274 | 4,089 | 6,407 | 11,704 | 11,252 | 18,676 | 13,377 | 10,394 | 5,705 |
| North Carolina | 164 | 34 | 35 | 36 | 44 | 242 | 434 | 376 | 335 | 289 | 101 | 35 | 6 |
| Ohio | 2,281 | 685 | 723 | 739 | 775 | 759 | 1,537 | 1,546 | 5,467 | 9,107 | 4,314 | 1,010 | 712 |
| Oklahoma | 195 | 43 | 54 | 91 | 237 | 410 | 352 | 541 | 161 | 155 | 85 | 103 | 113 |
| Oregon | 4,105 | 1,018 | 1,234 | 1,139 | 1,031 | 2,306 | 6,259 | 5,572 | 6,340 | 12,058 | 6,674 | 3,685 | 1,942 |
| Pennsylvania | 3,691 | 2,743 | 2,635 | 2,582 | 2,617 | 2,661 | 2,881 | 3,260 | 5,521 | 6,820 | 5,257 | 4,053 | 3,260 |
| South Carolina | 184 | 2 | 3 | 4 | 76 | 144 | 201 | 734 | 637 | 212 | 75 | 106 | 15 |
| Tennessee | 833 | 129 | 199 | 160 | 191 | 413 | 554 | 1,550 | 2,823 | 2,544 | 976 | 265 | 192 |
| Texas | 2,056 | 2,086 | 2,305 | 2,239 | 1,729 | 1,894 | 4,653 | 2,289 | 1,276 | 1,093 | 1,364 | 1,501 | 2,247 |
| Utah | 1,668 | 303 | 328 | 376 | 478 | 624 | 1,501 | 4,632 | 2,559 | 4,876 | 3,481 | 522 | 339 |
| Vermont | 57 | 22 | 33 | 33 | 25 | 25 | 35 | 25 | 104 | 298 | 39 | 22 | 23 |
| Virginia | 2,336 | 529 | 375 | 539 | 593 | 1,066 | 889 | 2,391 | 6,191 | 7,482 | 4,450 | 2,383 | 1,138 |
| Washington | 3,658 | 1,522 | 1,126 | 987 | 1,208 | 1,510 | 3,857 | 4,782 | 6,046 | 10,278 | 6,814 | 3,786 | 1,981 |
| West Virginia | 287 | 54 | 40 | 45 | 46 | 45 | 39 | 64 | 593 | 995 | 990 | 492 | 40 |
| Wisconsin | 4,196 | 920 | 865 | 1,065 | 966 | 1,315 | 5,544 | 14,243 | 8,966 | 9,180 | 4,460 | 1,772 | 1,055 |

TABLE 9.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 2,007 |
| Reporting expenditures for plant and equipment | 1,215 |
| Value of products: | |
| Total for the industry | $587,343,024 |
| Reporting expenditures for plant and equipment | 518,469,058 |
| Expenditures for plant and equipment: | |
| Total for the industry | 8,903,605 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 1,786,356 |
| Expenditures for new machinery and operating equipment | 5,555,653 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 976,376 |
| Expenditures unclassified | 585,220 |

TABLE 10.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $181,878,092 | $149,254,690 |
| Finished products | 147,841,851 | 113,183,051 |
| Materials, supplies, etc. | 34,036,241 | 36,071,639 |
| End of year, total | 187,174,955 | 209,498,922 |
| Finished products | 148,120,718 | 165,158,673 |
| Materials, supplies, etc. | 39,054,237 | 44,340,249 |
| Value of products for the industry, total | 587,343,024 | 629,882,191 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 553,459,285 | 573,209,687 |
| Value for establishments not reporting inventories | 33,883,739 | 56,672,504 |

TABLE 11.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 [1]

| | 1939 |
|---|---|
| Number of establishments | 2,007 |
| Number of establishments reporting power equipment | 1,950 |
| Prime movers, aggregate: | |
| Number | 1,790 |
| Horsepower | 72,843 |
| Prime movers, driving generators, total— | |
| Number | 120 |
| Horsepower | 17,664 |

TABLE 11.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 [1]—Continued

| | 1939 |
|---|---|
| Prime movers—Continued. | |
| Prime movers, driving generators—Continued. | |
| Steam engines— | |
| Number | 105 |
| Horsepower | 13,917 |
| Steam turbines— | |
| Number | 7 |
| Horsepower | 2,772 |
| Diesel and semi-Diesel engines— | |
| Number | 4 |
| Horsepower | 517 |
| Other internal-combustion engines [2]— | |
| Number | 4 |
| Horsepower | 458 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 1,941 |
| Prime movers not driving generators, total— | |
| Number | 1,670 |
| Horsepower | 55,179 |
| Steam engines— | |
| Number | 1,055 |
| Horsepower | 37,933 |
| Steam turbines— | |
| Number | 179 |
| Horsepower | 6,053 |
| Diesel and semi-Diesel engines— | |
| Number | 20 |
| Horsepower | 1,064 |
| Other internal-combustion engines [2]— | |
| Number | 408 |
| Horsepower | 10,047 |
| Hydroturbines and water wheels— | |
| Number | 8 |
| Horsepower | 82 |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 2,265 |
| Generators, kilowatt rating, total | 12,074 |
| Generators, driven by— | |
| Steam engines, kilowatt rating | 9,473 |
| Steam turbines, kilowatt rating | 1,995 |
| Diesel and semi-Diesel engines, kilowatt rating | 314 |
| Other internal-combustion engines,[2] kilowatt rating | 292 |
| Generators, ordinarily idle (included above), kilowatt rating | 1,082 |
| Electric motors, total: | |
| Number | 46,316 |
| Horsepower | 197,201 |
| Driven by purchased energy— | |
| Number | 42,319 |
| Horsepower | 180,989 |
| Driven by energy generated in establishments reporting— | |
| Number | 3,997 |
| Horsepower | 16,212 |
| Electric energy (kilowatt-hours): | |
| Generated in plant | 12,242,680 |
| Sold | 66,220 |
| Purchased | 92,625,695 |

[1] Comparable data for 1929 not available.
[2] Gas, gasoline, etc.

# PRESERVES, JAMS, JELLIES, AND FRUIT BUTTERS

[A preliminary report for this industry was issued December 16, 1940]

**Description of the industry.**—This industry embraces establishments primarily engaged in the manufacture of preserves, jams, jellies, and fruit butters.

**Statistics for prior census years.**—No statistics for this industry are available for census years prior to 1937. In order to obtain figures comparable with those for 1939, a special tabulation was made of the 1937 reports which constituted part of the former industry designated as "Canned and dried fruits and vegetables; canned and bottled juices; preserves, jellies, fruit butters, pickles, and sauces."

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 171 | 3,717 | $3,125,617 | $26,681,864 | $38,025,559 | $11,343,695 | 1,607 |
| 1937 [4] | 146 | 4,582 | 3,769,233 | 29,020,070 | 41,313,568 | 12,293,498 | (5) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] No comparable figures for years prior to 1937.
[5] Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | California | Florida | Illinois | Indiana | Kentucky | Massachusetts | Michigan | Missouri |
|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 171 | 31 | 15 | 17 | 4 | 4 | 18 | 4 | 5 |
| Proprietors and firm members | 79 | 19 | 6 | 3 | 3 | ---------- | 3 | 5 | ---------- |
| Persons reported by manufacturing establishments, total [2] | 4,774 | 653 | 148 | 623 | 38 | 267 | 397 | 65 | 186 |
| Salaried officers of corporations [2] | 153 | 16 | 14 | 18 | 1 | 5 | 15 | 1 | 8 |
| Manufacturing: | | | | | | | | | |
| Salaried employees [2] | 393 | 59 | 13 | 79 | ---------- | 13 | 41 | 6 | 15 |
| Wage earners (average for the year) [2] | 3,717 | 505 | 108 | 493 | 37 | 217 | 282 | 47 | 145 |
| Distribution | 447 | 71 | 13 | 29 | ---------- | 24 | 51 | 10 | 14 |
| Construction | 23 | ---------- | ---------- | 1 | ---------- | 1 | ---------- | ---------- | 3 |
| Other | 41 | 2 | ---------- | 3 | ---------- | 7 | 8 | 1 | 1 |
| Salaries and wages, total [2] | $5,289,747 | $706,165 | $121,342 | $709,379 | $40,919 | $298,920 | $522,674 | $57,753 | $216,798 |
| Salaried officers [2] | 700,062 | 49,546 | 25,803 | 89,596 | 7,812 | 37,534 | 63,985 | 2,340 | 49,830 |
| Manufacturing: | | | | | | | | | |
| Salaries [2] | 621,931 | 83,715 | 12,035 | 131,799 | ---------- | 24,195 | 67,398 | 6,719 | 20,918 |
| Wages | 3,125,617 | 450,353 | 67,784 | 422,790 | 33,107 | 193,265 | 259,478 | 36,326 | 120,016 |
| Distribution | 756,214 | 121,502 | 15,720 | 59,448 | ---------- | 37,319 | 116,183 | 11,618 | 18,708 |
| Construction | 31,808 | ---------- | ---------- | 1,960 | ---------- | 1,267 | 1,392 | ---------- | 4,138 |
| Other | 54,115 | 1,049 | ---------- | 3,786 | ---------- | 5,340 | 14,238 | 750 | 3,188 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 26,681,864 | 2,671,058 | 271,714 | 3,039,072 | 113,655 | 1,024,985 | 3,176,907 | 354,203 | 1,499,257 |
| Materials, supplies, and containers | [4] 26,313,803 | 2,638,151 | 262,952 | [4] 2,988,425 | 109,685 | 1,008,050 | 3,142,054 | 348,375 | 1,473,077 |
| Fuel | 246,515 | 20,393 | 5,166 | 32,329 | 2,225 | 14,499 | 25,030 | 3,000 | 18,281 |
| Purchased electric energy | 121,546 | 12,514 | 3,596 | 18,318 | 1,745 | 2,436 | 9,823 | 2,828 | 7,899 |
| Contract work | (4) | ---------- | ---------- | (4) | ---------- | ---------- | ---------- | ---------- | ---------- |
| Value of products | 38,025,559 | 4,035,172 | 455,178 | 4,503,703 | 163,220 | 1,536,860 | 4,560,384 | 481,035 | 1,948,464 |
| Value added by manufacture [5] | 11,343,695 | 1,364,114 | 183,464 | 1,464,631 | 49,565 | 511,875 | 1,383,477 | 126,832 | 449,207 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | New Jersey | New York | Ohio | Oregon | Tennessee | Texas | Washington | Other States [6] |
|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 5 | 26 | 5 | 4 | 3 | 5 | 4 | 21 |
| Proprietors and firm members | | 13 | 1 | 3 | 4 | 7 | | 12 |
| Persons reported by manufacturing establishments, total [2] | 254 | 769 | 364 | 37 | 9 | 89 | 86 | 790 |
| Salaried officers of corporations [2] | 12 | 29 | 4 | 5 | | 5 | 7 | 13 |
| Manufacturing: | | | | | | | | |
| Salaried employees [2] | 21 | 50 | 28 | 3 | | 7 | 7 | 51 |
| Wage earners (average for the year) [3] | 162 | 587 | 313 | 21 | 7 | 74 | 62 | 658 |
| Distribution | 59 | 94 | 16 | 8 | 2 | 3 | 10 | 43 |
| Construction | | 4 | | | | | | 14 |
| Other | | 5 | 3 | | | | | 11 |
| Salaries and wages, total [2] | $341,171 | $865,907 | $392,098 | $40,826 | $7,824 | $46,541 | $117,754 | $803,676 |
| Salaried officers [2] | 63,503 | 133,877 | 36,200 | 12,500 | | 6,031 | 24,500 | 97,005 |
| Manufacturing: | | | | | | | | |
| Salaries [2] | 50,318 | 81,058 | 40,179 | 3,600 | | 7,785 | 17,694 | 74,518 |
| Wages | 132,550 | 495,255 | 274,298 | 14,276 | 5,527 | 29,561 | 55,451 | 535,580 |
| Distribution | 94,800 | 141,510 | 36,202 | 10,450 | 2,297 | 2,593 | 14,429 | 73,435 |
| Construction | | 7,486 | 5,219 | | | 300 | | 10,046 |
| Other | | 6,721 | | | | 271 | 5,680 | 13,092 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 1,464,252 | 4,589,224 | 2,278,066 | 131,146 | 66,793 | 478,502 | 491,455 | 5,031,575 |
| Materials, supplies, and containers | 1,450,495 | [4] 4,518,149 | 2,258,403 | 128,976 | 66,295 | 475,281 | 483,221 | 4,962,214 |
| Fuel | 9,675 | 48,261 | 12,042 | 1,428 | 400 | 1,666 | 4,701 | 47,419 |
| Purchased electric energy | 4,082 | 22,814 | 7,621 | 742 | 98 | 1,555 | 3,533 | 21,942 |
| Contract work | | (4) | | | | | | |
| Value of products | 2,130,127 | 6,176,501 | 3,180,243 | 205,879 | 82,305 | 641,465 | 616,746 | 7,308,277 |
| Value added by manufacture [5] | 665,875 | 1,587,277 | 902,177 | 74,733 | 15,512 | 162,963 | 125,291 | 2,276,702 |

[1] See GENERAL EXPLANATIONS—Definition of establishment. [2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Cost of "Contract work" included in cost of "Materials, supplies, and containers" to avoid disclosing data reported by individual establishments.
[5] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[6] Alabama, 1 establishment; Colorado, 2; Georgia, 1; Maine, 1; Maryland, 2; Minnesota, 4; Oklahoma, 2; Pennsylvania, 4; Utah, 1; Virginia, 1; West Virginia, 1; Wisconsin, 1.

TABLE 3.—VALUE OF PRODUCTS, FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Preserves, Jams, Jellies, and Fruit Butters industry, all products, total value | $38,025,559 | $41,313,568 |
| Preserves, jams, jellies, fruit butters, and related products | 24,631,762 | 26,977,803 |
| Miscellaneous products | 1,711,796 | 14,335,765 |
| Other products (not classified in this industry) | [1] 11,156,606 | |
| Merchandise (goods brought and sold without processing) | 459,566 | |
| Receipts for contract work | 65,829 | |
| Preserves, jams, jellies, fruit butters, and related products, total value | 39,119,130 | 41,093,517 |
| Made in the industry | 24,631,762 | 26,977,803 |
| Made as secondary products in other industries | 14,487,368 | 14,115,714 |

[1] Value of canned fruits and vegetables; fruit juices; vinegar, flavoring extracts, and flavoring sirups; peanut butter; salad oil; sweetening sirups and molasses; glacé, candied, and crystallized fruits; mincemeat; olives, bottled; pickles; salad dressings; sauces; etc.

TABLE 4.—PRODUCTS, BY KIND AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | | | 1937 |
|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | |
| Total value | $24,631,762 | $14,487,368 | $39,119,130 | $41,093,517 |
| Preserves, jams, jellies, fruit butters, and related products | 22,846,550 | 13,010,175 | 35,856,725 | 36,597,977 |
| Maraschino cherries | 1,785,212 | 1,477,193 | 3,262,405 | 4,495,540 |

TABLE 5.—PRODUCTS, BY KIND AND VALUE, BY STATES: 1939

| PRODUCT AND STATE | Value |
|---|---|
| Preserves, jams, etc., total value | $35,856,725 |
| California | 3,338,662 |
| Florida | 435,508 |
| Illinois | 3,616,298 |
| Maryland | 1,061,705 |
| Massachusetts | 2,795,991 |

TABLE 5.—PRODUCTS, BY KIND AND VALUE, BY STATES: 1939—Continued

| PRODUCT AND STATE | Value |
|---|---|
| Preserves, jams, etc.—Continued. | |
| Michigan | $660,860 |
| Missouri | 1,765,926 |
| New Jersey | 1,563,903 |
| New York | 7,625,294 |
| Ohio | 1,843,491 |
| Oklahoma | 136,695 |
| Oregon | 451,133 |
| Pennsylvania | 3,931,145 |
| Tennessee | 84,202 |
| Texas | 378,189 |
| Washington | 730,403 |
| Other States (Ala., Colo., Del., Ga., Ind., Ky., La., Maine, Minn., Nebr., N. C., N. Dak., Utah, Va., W. Va., Wis.) | 5,437,320 |
| Maraschino cherries, total value | 3,262,405 |
| California | 607,971 |
| New York | 825,490 |
| Ohio | 521,197 |
| Oregon | 89,641 |
| Other States (Colo., Conn., Ill., Ky., La., Md., Mass., Mich., N. H., Pa., Wis.) | 1,218,106 |

TABLE 6.—PRINCIPAL MATERIALS CONSUMED IN THE INDUSTRY, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939

[The combined value of products reported by the 168 establishments that supplied data on materials consumed amounted to $37,979,678, or 99.8 percent of the total value of products for the industry]

| MATERIALS | Pounds | Value |
|---|---|---|
| Sugar, total | 122,183,909 | $5,508,094 |
| Beet | 42,880,643 | 1,934,945 |
| Cane | 74,078,737 | 3,388,327 |
| Corn | 5,224,529 | 184,822 |
| Fruits and vegetables | | 8,480,959 |
| Containers, boxes, cartons, etc. | | 7,804,255 |

## TABLE 7.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 3,717 | 2,968 | 3,178 | 3,353 | 3,355 | 3,373 | 4,028 | 3,775 | 3,711 | 4,406 | 4,632 | 4,049 | 3,778 |
| 1937 | 4,582 | 4,034 | 3,769 | 3,939 | 4,096 | 4,214 | 4,224 | 5,124 | 5,370 | 5,574 | 5,550 | 4,997 | 4,098 |
| California | 505 | 378 | 398 | 438 | 453 | 557 | 567 | 625 | 583 | 634 | 558 | 459 | 415 |
| Florida | 108 | 149 | 164 | 103 | 87 | 38 | 38 | 39 | 88 | 82 | 95 | 150 | 201 |
| Illinois | 493 | 448 | 428 | 453 | 435 | 429 | 438 | 474 | 531 | 623 | 612 | 539 | 503 |
| Indiana | 37 | 35 | 34 | 36 | 35 | 37 | 40 | 39 | 36 | 37 | 41 | 40 | 39 |
| Kentucky | 217 | 169 | 182 | 215 | 221 | 236 | 242 | 189 | 211 | 231 | 267 | 248 | 194 |
| Massachusetts | 282 | 257 | 255 | 253 | 256 | 246 | 249 | 259 | 270 | 278 | 268 | 262 | 528 |
| Michigan | 47 | 42 | 44 | 41 | 38 | 37 | 42 | 47 | 47 | 51 | 52 | 65 | 57 |
| Minnesota | 75 | 70 | 90 | 88 | 88 | 84 | 78 | 62 | 74 | 79 | 83 | 55 | 53 |
| Missouri | 145 | 99 | 143 | 139 | 184 | 142 | 161 | 148 | 156 | 161 | 172 | 128 | 102 |
| New Jersey | 162 | 139 | 140 | 143 | 150 | 147 | 180 | 186 | 169 | 177 | 194 | 158 | 155 |
| New York | 587 | 449 | 487 | 517 | 510 | 489 | 810 | 550 | 503 | 812 | 810 | 656 | 453 |
| Ohio | 313 | 232 | 293 | 333 | 309 | 277 | 459 | 307 | 279 | 324 | 355 | 316 | 276 |
| Oregon | 21 | 14 | 16 | 16 | 16 | 17 | 28 | 24 | 17 | 39 | 23 | 22 | 18 |
| Pennsylvania | 372 | 248 | 251 | 247 | 292 | 294 | 302 | 360 | 305 | 425 | 632 | 566 | 539 |
| Tennessee | 7 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| Texas | 74 | 30 | 43 | 37 | 44 | 39 | 41 | 123 | 135 | 127 | 117 | 111 | 37 |
| Washington | 62 | 36 | 32 | 52 | 53 | 60 | 118 | 127 | 67 | 76 | 68 | 30 | 26 |

## TABLE 8.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 171 |
| Reporting expenditures for plant and equipment | 107 |
| Value of products: | |
| Total for the industry | $38,025,559 |
| Reporting expenditures for plant and equipment | 26,907,475 |
| Expenditures for plant and equipment: | |
| Total for the industry | 560,359 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 238,145 |
| Expenditures for new machinery and operating equipment | 291,120 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 31,094 |

## TABLE 9.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $5,917,733 | $6,640,815 |
| Finished products | 2,799,201 | 2,943,382 |
| Materials, supplies, etc. | 3,118,532 | 3,697,433 |
| End of year, total | 6,893,585 | 8,585,273 |
| Finished products | 2,962,288 | 3,416,799 |
| Materials, supplies, etc. | 3,931,297 | 5,168,474 |
| Value of products for the industry, total | 38,025,559 | 41,313,568 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 35,811,798 | 36,010,825 |
| Value for establishments not reporting inventories | 2,213,761 | 5,302,743 |

## TABLE 10.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 [1]

| | 1939 |
|---|---|
| Number of establishments | 171 |
| Number of establishments reporting power equipment | 170 |
| Prime movers, aggregate: | |
| Number | 17 |
| Horsepower | 1,607 |
| Prime movers, steam engines, driving generators— | |
| Number | 9 |
| Horsepower | 979 |
| Prime movers, not driving generators— | |
| Number | 8 |
| Horsepower | 628 |
| Steam engines— | |
| Number | 6 |
| Horsepower | 600 |
| Internal-combustion engines,[2] other than Diesel and semi-Diesel— | |
| Number | 2 |
| Horsepower | 28 |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 25 |
| Generators driven by steam engines, kilowatt rating | 670 |
| Electric motors, total: | |
| Number | 3,067 |
| Horsepower | 8,471 |
| Driven by purchased energy— | |
| Number | 2,723 |
| Horsepower | 7,497 |
| Driven by energy generated in establishments reporting— | |
| Number | 344 |
| Horsepower | 974 |
| Electric energy (kilowatt-hours): | |
| Generated in plant | 541,708 |
| Sold | 83,000 |
| Purchased | 5,788,219 |

[1] Comparable data for 1929 not available.
[2] Gas, gasoline, etc.

# PICKLED FRUITS AND VEGETABLES AND VEGETABLE SAUCES AND SEASONINGS

[A preliminary report for this industry was issued December 12, 1940]

**Description of the industry.**—This industry includes establishments primarily engaged in the manufacture of pickled fruits and vegetables, relishes, vegetable sauces, and vegetable seasonings.

**Statistics for prior census years.**—No statistics for this industry, other than those for products shown in table 4, are available for census years prior to 1937. In order to obtain figures comparable with those for 1939, a special tabulation was made of the 1937 reports, which constituted part of the former industry designated as "Canned and dried fruits and vegetables; canned and bottled juices; preserves, jellies, fruit butters, pickles, and sauces."

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 377 | 9,908 | $7,393,306 | $42,618,673 | $72,637,388 | $30,018,715 | 4,508 |
| 1937 [4] | 279 | 8,653 | 6,814,312 | 36,807,757 | 63,689,480 | 26,881,723 | (5) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] No comparable figures for years prior to 1937.
[5] Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | California | Colorado | Georgia | Illinois | Indiana | Kentucky | Louisiana | Maryland | Massachusetts | Michigan | Missouri |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 377 | 41 | 7 | 3 | 32 | 20 | 5 | 12 | 9 | 11 | 26 | 12 |
| Proprietors and firm members | 261 | 44 | 8 | 3 | 17 | 8 | 2 | 7 | 12 | 7 | 18 | 10 |
| Persons reported by manufacturing establishments, total [2] | 12,194 | 1,016 | 214 | 283 | 1,012 | 902 | 254 | 366 | 497 | 214 | 727 | 202 |
| Salaried officers of corporations [2] | 294 | 11 | 4 | 3 | 32 | 16 | 6 | 18 | 9 | 9 | 14 | 13 |
| Manufacturing: | | | | | | | | | | | | |
| Salaried employees [2] | 822 | 70 | 10 | 10 | 44 | 58 | 39 | 42 | 35 | 22 | 53 | 6 |
| Wage earners (average for the year) [3] | 9,908 | 828 | 179 | 262 | 784 | 763 | 166 | 246 | 417 | 144 | 610 | 147 |
| Distribution | 1,109 | 103 | 21 | 8 | 141 | 57 | 43 | 59 | 34 | 38 | 49 | 36 |
| Construction | 34 | | | | 7 | 2 | | | 2 | 1 | 1 | |
| Other | 27 | 4 | | | 4 | 6 | | 1 | | | | |
| Salaries and wages, total [2] | $11,740,305 | $1,006,391 | $183,976 | $121,915 | $1,144,401 | $626,849 | $265,834 | $299,952 | $380,731 | $274,251 | $700,046 | $259,770 |
| Salaried officers [2] | 1,173,288 | 45,633 | 17,211 | 8,800 | 134,192 | 37,729 | 22,160 | 54,616 | 60,411 | 60,433 | 48,414 | 45,002 |
| Manufacturing: | | | | | | | | | | | | |
| Salaries [2] | 1,397,756 | 127,288 | 13,281 | 14,576 | 71,030 | 75,849 | 58,051 | 43,258 | 49,104 | 28,662 | 77,974 | 8,564 |
| Wages | 7,393,306 | 708,855 | 133,581 | 79,134 | 644,216 | 467,709 | 130,549 | 124,500 | 227,072 | 123,811 | 485,121 | 118,615 |
| Distribution | 1,679,741 | 113,352 | 19,903 | 19,405 | 277,338 | 37,407 | 55,074 | 76,746 | 40,918 | 58,745 | 88,051 | 87,589 |
| Construction | 50,247 | | | | 13,853 | 2,475 | | | 3,226 | 2,600 | 486 | |
| Other | 45,967 | 11,263 | | | 3,772 | 5,680 | | 832 | | | | |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 42,618,673 | 3,217,513 | 596,553 | 309,537 | 3,194,945 | 3,827,020 | 923,784 | 928,871 | 1,508,670 | 583,859 | 2,076,669 | 502,577 |
| Materials, supplies, and containers | [4] 41,888,112 | [4] 3,169,368 | 580,591 | 301,926 | [4] 3,136,610 | 3,749,540 | 913,359 | 911,316 | 1,494,876 | 569,293 | 2,028,295 | 495,692 |
| Fuel | 454,554 | 26,666 | 10,923 | 2,647 | 31,535 | 58,410 | 8,248 | 6,012 | 7,927 | 7,342 | 35,941 | 2,874 |
| Purchased electric energy | 276,007 | 21,479 | 5,039 | 4,964 | 26,800 | 19,070 | 2,177 | 11,543 | 5,867 | 7,224 | 12,433 | 4,011 |
| Contract work | (4) | (4) | | | (4) | | | | | | | |
| Value of products | 72,637,388 | 5,165,797 | 1,019,566 | 651,554 | 5,287,729 | 5,346,338 | 1,456,814 | 1,688,934 | 2,194,989 | 1,080,556 | 4,819,410 | 847,887 |
| Value added by manufacture [5] | 30,018,715 | 1,948,284 | 423,013 | 342,017 | 2,092,784 | 1,519,318 | 533,030 | 760,063 | 686,319 | 496,697 | 2,742,741 | 345,310 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | New Jersey | New York | North Carolina | Ohio | Oregon | Pennsylvania | Texas | Virginia | Washington | Wisconsin | Other States [6] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 16 | 49 | 7 | 29 | 4 | 22 | 13 | 4 | 8 | 13 | 34 |
| Proprietors and firm members | 10 | 29 | 10 | 18 | 2 | 21 | 7 | 1 | 8 | 2 | 17 |
| Persons reported by manufacturing establishments, total [2] | 644 | 976 | 213 | 1,198 | 121 | 1,073 | 300 | 135 | 52 | 589 | 1,207 |
| Salaried officers of corporations [2] | 15 | 51 | 4 | 15 | 3 | 10 | 18 | 2 | 5 | 14 | 22 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 41 | 115 | 15 | 60 | 17 | 65 | 15 | 10 | 2 | 18 | 75 |
| Wage earners (average for the year) [3] | 555 | 688 | 181 | 1,075 | 84 | 862 | 247 | 118 | 43 | 485 | 1,025 |
| Distribution | 23 | 119 | 13 | 46 | 17 | 132 | 17 | 5 | 2 | 67 | 79 |
| Construction | 10 | | | 2 | | 1 | 1 | | | 5 | 2 |
| Other | | 3 | | | | 3 | 2 | | | | 4 |
| Salaries and wages, total [2] | $496,187 | $1,354,830 | $135,112 | $1,280,402 | $133,773 | $1,092,739 | $219,988 | $100,189 | $47,934 | $591,268 | $1,023,767 |
| Salaried officers [2] | 66,940 | 236,654 | 12,800 | 50,898 | 7,200 | 40,030 | 35,240 | 5,095 | 5,640 | 90,346 | 87,844 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 53,459 | 284,984 | 20,776 | 129,772 | 21,722 | 113,898 | 21,039 | 16,226 | 3,226 | 27,986 | 137,031 |
| Wages | 313,779 | 628,808 | 74,700 | 1,014,242 | 66,538 | 747,902 | 152,841 | 73,279 | 35,266 | 370,645 | 672,143 |
| Distribution | 47,709 | 201,474 | 26,836 | 80,810 | 35,838 | 187,675 | 9,401 | 5,589 | 3,802 | 99,217 | 106,802 |
| Construction | 14,300 | | | 4,680 | | 1,065 | 405 | | | 3,074 | 4,083 |
| Other | | 2,910 | | | 2,475 | 2,169 | 1,062 | | | | 15,804 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 2,261,114 | 4,910,740 | 630,422 | 5,444,235 | 263,882 | 3,785,005 | 779,385 | 321,197 | 148,327 | 2,407,702 | 3,996,666 |
| Materials, supplies, and containers | 2,210,649 | 4,843,316 | 623,809 | 5,342,299 | 259,144 | 3,725,909 | 769,077 | 315,304 | 146,175 | 2,375,359 | 3,926,205 |
| Fuel | 36,735 | 18,532 | 4,286 | 74,691 | 2,747 | 33,754 | 5,595 | 3,928 | 1,376 | 19,840 | 54,545 |
| Purchased electric energy | 13,730 | 48,892 | 2,327 | 27,245 | 1,991 | 25,342 | 4,713 | 1,965 | 776 | 12,503 | 15,916 |
| Contract work | | | | | | | | | | | |
| Value of products | 3,924,066 | 9,439,482 | 1,026,810 | 9,353,959 | 442,368 | 6,312,779 | 1,115,091 | 569,938 | 222,461 | 3,651,169 | 7,019,691 |
| Value added by manufacture [5] | 1,662,952 | 4,528,742 | 396,388 | 3,909,724 | 178,486 | 2,527,774 | 335,706 | 248,741 | 74,134 | 1,243,467 | 3,023,025 |

[1] See GENERAL EXPLANATIONS—Definition of establishment. [2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] "Cost of contract work" included in cost of "Materials, supplies, and containers" to avoid disclosing data reported by individual establishments.
[5] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work.
[6] Alabama, 2 establishments; Arizona, 2; Connecticut, 2; Delaware, 3; Iowa, 6; Kansas, 2; Maine, 3; Minnesota, 7; Mississippi, 1; Montana, 1; Nebraska, 2; South Carolina, 1; Tennessee, 1; Utah, 1.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Pickled Fruits and Vegetables and Vegetable Sauces and Seasonings industry, all products, total value | $72,637,388 | $63,689,480 |
| Pickled fruits and vegetables and vegetable sauces and seasonings | 55,143,020 | 49,469,813 |
| Miscellaneous products | 1,737,671 | 14,219,667 |
| Other products (not classified in this industry) | [1] 13,335,724 | |
| Receipts for contract work | 7,293 | |
| Merchandising (goods bought and sold without processing) | 2,413,680 | |
| Pickled fruits and vegetables and vegetable sauces and seasonings, aggregate value | 77,018,795 | 74,392,585 |
| Produced in the industry | 55,143,020 | 49,469,813 |
| Produced as secondary products in other industries | 21,875,775 | 24,922,772 |

[1] Value of canned fruits and vegetables; canned soups; cider and vinegar; flavoring extracts and flavoring sirups; peanut butter; sweetening sirups and molasses; mincemeat; olives, bottled and in bulk; preserves, jams, jellies, fruit butters, etc.; salad dressings; sandwich spread; tomato pulp, etc.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| PRODUCT | 1939 | | | 1937 | 1929 |
|---|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | | |
| Aggregate value | $55,143,020 | $21,875,775 | $77,018,795 | $74,392,585 | $81,731,935 |
| Pickles, value | $30,594,968 | $4,413,659 | $35,008,627 | $33,501,014 | $34,480,925 |
| Tomato ketchup, total value | $12,096,586 | $10,634,144 | $22,730,730 | $23,021,202 | $24,437,243 |
| Canned or bottled: | | | | | |
| Total number of cases | 5,593,017 | 5,364,567 | 10,957,584 | [1] 10,133,778 | (2) |
| Cases of No. 10 size (6 cans to a case) | 205,755 | 781,741 | 987,496 | 1,269,658 | |
| Cases of other size cans (24 to a case) | 33,631 | 181,780 | 215,411 | 104,915 | |
| Cases of bottles 20 oz. and under | 5,288,559 | 4,166,210 | 9,454,769 | [1] 8,591,371 | (2) |
| Cases of bottles over 20 oz | 65,072 | 234,836 | 299,908 | 167,834 | |
| Total value | $11,921,969 | $10,616,403 | $22,538,372 | [1] $22,701,278 | |
| In bulk, value | $174,617 | $17,741 | $192,358 | [1] $319,924 | (2) |
| Horseradish (prepared), value | $706,013 | $341,928 | $1,047,941 | $985,516 | $1,375,128 |
| Kraut (in bulk),[3] value | $1,720,203 | $381,170 | $2,101,373 | $2,509,251 | $4,270,605 |
| Mustard (prepared), value | $5,320,991 | $2,279,357 | $7,600,348 | $6,816,905 | $8,155,170 |
| Tomato chili sauce: | | | | | |
| Total number of cases | 650,161 | 787,856 | 1,438,017 | | |
| Cases of No. 10 size (6 cans to a case) | 61,013 | 74,538 | 135,551 | | |
| Cases of other size cans (24 to a case) | 1,470 | 79,215 | 80,685 | | |
| Cases of bottles 20 oz. and under | 563,970 | 608,248 | 1,172,218 | | |
| Cases of bottles over 20 oz | 23,708 | 25,855 | 49,563 | | |
| Total value | $1,508,634 | $1,573,374 | $3,082,008 | $7,558,697 | $9,012,864 |
| Sauces, total value | $3,195,625 | $2,252,143 | $5,447,768 | | |
| Meat sauces, value | $2,210,043 | $1,032,245 | $3,242,288 | | |
| Other sauces, value | $985,582 | $1,219,898 | $2,205,480 | | |

[1] Revised. [2] Not called for separately.
[3] Statistics on the production of "Kraut, canned" will be found in the report for the "Canned and dried fruits and vegetables (including canned soups)" industry.

TABLE 5.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

| PRODUCT AND STATE | Quantity | Value |
|---|---|---|
| Tomato ketchup, bottled or canned, total | *Cases* 10,957,584 | $22,538,372 |
| California | 1,539,552 | 3,278,813 |
| Colorado | 81,269 | 198,110 |
| Illinois | 225,405 | 380,766 |
| Indiana | 3,583,461 | 5,763,300 |
| Iowa | 308,011 | 1,007,657 |
| Maryland | 190,094 | 314,952 |
| New Jersey | 1,419,355 | 3,014,821 |
| New York | 1,278,182 | 2,885,741 |
| Ohio | 1,509,626 | 3,598,865 |
| Utah | 152,294 | 293,638 |
| Other States (Del., Idaho, Ky., La., Mass., Mich., Miss., Mo., Nebr., Oreg., Pa., Tex., Wash.) | 670,335 | 1,801,709 |
| Tomato chili sauce, bottled or canned, total | 1,438,017 | 3,082,008 |
| California | 200,563 | 461,294 |
| Indiana | 206,033 | 423,594 |
| New Jersey | 79,510 | 162,110 |
| New York | 297,189 | 495,692 |
| Ohio | 320,316 | 686,424 |
| Other States (Ill., Iowa, Ky., Md., Mich., Oreg., Pa., Tex.) | 325,406 | 852,894 |
| Pickles, total | | 35,008,627 |
| California | | 3,171,114 |
| Colorado | | 514,419 |
| Georgia | | 534,700 |
| Illinois | | 4,443,410 |
| Indiana | | 153,046 |
| Iowa | | 490,688 |
| Kentucky | | 796,335 |
| Louisiana | | 296,220 |
| Maryland | | 1,781,800 |
| Massachusetts | | 816,598 |
| Michigan | | 3,388,902 |
| Missouri | | 498,659 |
| New Jersey | | 610,709 |
| New York | | 2,728,157 |
| North Carolina | | 980,781 |
| Pickles—Continued. | | |
| Ohio | | $3,259,497 |
| Oregon | | 400,504 |
| Pennsylvania | | 3,013,702 |
| Texas | | 1,138,478 |
| Virginia | | 565,443 |
| Washington | | 286,083 |
| Wisconsin | | 2,022,802 |
| Other States (Ala., Ariz., Conn., Del., Kans., Maine, Minn., Miss., Mont., Nebr., N. H., R. I., S. C., Tenn., Utah) | | 3,116,580 |
| Ketchup (in bulk), total | | 192,358 |
| (Calif., Colo., Ind., La., Md., Minn., N. J., N. Y., Ohio, Pa., Tex.) | | 192,358 |
| Horseradish (prepared), total | | 1,047,941 |
| California | | 105,366 |
| Illinois | | 174,692 |
| Indiana | | 36,421 |
| Michigan | | 54,199 |
| Minnesota | | 13,656 |
| Missouri | | 57,013 |
| New York | | 97,268 |
| Ohio | | 148,064 |
| Pennsylvania | | 113,228 |
| Other States (Colo., Conn., D. C., Iowa, Kans., Ky., La., Md., Mass., Mont., N. J., N. C., Okla., Oreg., Tenn., Tex., Utah, Wash., Wis.) | | 248,034 |
| Kraut (in bulk),[1] total | | 2,101,373 |
| California | | 42,382 |
| Colorado | | 14,396 |
| Illinois | | 257,001 |
| Kentucky | | 15,061 |
| Maryland | | 129,476 |
| Michigan | | 52,475 |
| Minnesota | | 27,592 |
| New Jersey | | 99,431 |
| New York | | 762,996 |
| Ohio | | 126,058 |
| Oregon | | 12,448 |
| Kraut (in bulk)[1]—Continued. | | |
| Pennsylvania | | $241,148 |
| Washington | | 15,284 |
| Wisconsin | | 186,911 |
| Other States (Conn., Ind., Iowa, Mass., Mo., Nebr., Utah) | | 118,714 |
| Mustard (prepared), total | | 7,600,348 |
| California | | 391,865 |
| Colorado | | 14,800 |
| Illinois | | 1,140,657 |
| Indiana | | 158,233 |
| Iowa | | 34,247 |
| Louisiana | | 139,691 |
| Massachusetts | | 109,777 |
| Michigan | | 129,355 |
| Minnesota | | 76,724 |
| Missouri | | 133,109 |
| New Jersey | | 331,718 |
| New York | | 2,250,975 |
| Ohio | | 390,024 |
| Pennsylvania | | 1,600,145 |
| Tennessee | | 132,461 |
| Washington | | 27,543 |
| Wisconsin | | 101,140 |
| Other States (Kans., Ky., Me., Md., Nebr., N. C., Okla., Oreg., Tex., Va.) | | 437,884 |
| Sauces for meats, total | | 3,242,288 |
| California | | 52,662 |
| Illinois | | 250,858 |
| Texas | | 50,679 |
| Other States (Ala., Colo., Conn., Fla., Ga., Ind., Kans., Ky., La., Md., Minn., Mo., N. J., N. Y., N. C., Ohio, Oreg., Pa., Tenn., Va., Wash.) | | 2,888,089 |
| Other sauces, total | | 2,205,480 |
| California | | 230,040 |
| Indiana | | 96,940 |
| Louisiana | | 358,702 |
| New Jersey | | 443,239 |
| New York | | 387,609 |
| Ohio | | 4,608 |
| Other States (Ariz., Colo., Ill., Md., Mass., Mich., Miss., Mo., Pa., Tenn., Tex., Wash.) | | 684,342 |

[1] For "Kraut, canned," see the report for the "Canned and dried fruits and vegetables (including canned soups)" industry.

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 9,908 | 7,316 | 7,565 | 7,798 | 8,152 | 8,580 | 9,250 | 10,120 | 14,791 | 18,322 | 11,148 | 8,413 | 7,443 |
| 1937 | 8,653 | 6,465 | 6,833 | 7,114 | 7,348 | 7,006 | 7,675 | 8,555 | 11,675 | 16,183 | 11,632 | 6,951 | 6,403 |
| California | 828 | 597 | 591 | 635 | 654 | 690 | 653 | 851 | 959 | 1,213 | 1,593 | 859 | 635 |
| Colorado | 179 | 102 | 114 | 127 | 138 | 135 | 142 | 166 | 353 | 365 | 236 | 154 | 116 |
| Delaware | 157 | 82 | 78 | 56 | 76 | 61 | 167 | 196 | 406 | 310 | 256 | 85 | 107 |
| Illinois | 784 | 646 | 687 | 700 | 686 | 702 | 762 | 898 | 1,113 | 1,003 | 794 | 739 | 674 |
| Indiana | 763 | 208 | 226 | 222 | 254 | 264 | 506 | 301 | 2,407 | 3,599 | 761 | 208 | 195 |
| Iowa | 320 | 218 | 196 | 200 | 236 | 277 | 308 | 302 | 492 | 778 | 379 | 230 | 226 |
| Kentucky | 166 | 122 | 160 | 162 | 158 | 189 | 183 | 181 | 203 | 198 | 176 | 130 | 127 |
| Louisiana | 246 | 229 | 208 | 230 | 224 | 236 | 255 | 235 | 235 | 245 | 307 | 271 | 272 |
| Maine | 33 | 27 | 28 | 31 | 34 | 32 | 32 | 36 | 37 | 39 | 32 | 34 | 35 |
| Maryland | 417 | 416 | 431 | 438 | 430 | 414 | 425 | 487 | 377 | 435 | 405 | 378 | 372 |
| Massachusetts | 144 | 134 | 136 | 141 | 138 | 138 | 141 | 143 | 152 | 153 | 160 | 149 | 142 |
| Michigan | 610 | 486 | 478 | 511 | 520 | 480 | 483 | 541 | 1,270 | 799 | 630 | 605 | 523 |
| Minnesota | 115 | 87 | 93 | 97 | 99 | 102 | 130 | 123 | 168 | 139 | 163 | 110 | 73 |
| Missouri | 147 | 142 | 141 | 139 | 134 | 138 | 133 | 151 | 151 | 156 | 166 | 167 | 142 |
| New Jersey | 555 | 340 | 351 | 351 | 432 | 503 | 514 | 495 | 1,311 | 1,192 | 443 | 361 | 369 |
| New York | 688 | 606 | 607 | 612 | 608 | 625 | 636 | 650 | 750 | 814 | 925 | 785 | 640 |
| North Carolina | 181 | 162 | 176 | 179 | 168 | 192 | 261 | 217 | 184 | 189 | 171 | 171 | 107 |
| Ohio | 1,075 | 730 | 750 | 803 | 921 | 866 | 836 | 848 | 1,176 | 3,599 | 961 | 746 | 667 |
| Oregon | 84 | 53 | 65 | 88 | 90 | 76 | 76 | 79 | 100 | 141 | 83 | 82 | 70 |
| Pennsylvania | 862 | 740 | 779 | 783 | 825 | 788 | 793 | 811 | 881 | 1,361 | 973 | 824 | 782 |
| Texas | 247 | 195 | 227 | 222 | 238 | 258 | 305 | 336 | 253 | 247 | 248 | 232 | 203 |
| Virginia | 118 | 70 | 84 | 98 | 96 | 96 | 105 | 402 | 101 | 103 | 95 | 87 | 77 |
| Washington | 43 | 34 | 35 | 33 | 54 | 35 | 33 | 47 | 61 | 60 | 51 | 40 | 35 |
| Wisconsin | 485 | 417 | 430 | 445 | 418 | 465 | 493 | 514 | 526 | 594 | 622 | 476 | 420 |

TABLE 7.—PRINCIPAL MATERIALS CONSUMED IN THE INDUSTRY, BY KIND, QUANTITY, AND COST, FOR THE UNITED STATES: 1939

[The combined value of products reported by the 371 establishments that supplied detailed data on materials consumed amounted to $72,214,453 or 99.4 percent of the total value of products for the industry]

| MATERIALS | Pounds | Cost |
|---|---|---|
| Sugar, total | 90,130,516 | $4,109,558 |
| Beet | 31,110,457 | 1,452,588 |
| Cane | 55,435,320 | 2,523,846 |
| Corn | 3,584,739 | 133,124 |
| Fruits and vegetables | | 14,300,048 |
| Containers, boxes, cartons, etc | | 14,366,288 |

TABLE 8.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 377 |
| Reporting expenditures for plant and equipment | 195 |
| Value of products: | |
| Total for the industry | $72,637,388 |
| Reporting expenditures for plant and equipment | 56,846,833 |
| Expenditures for plant and equipment: | |
| Total for the industry | 1,587,918 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 583,377 |
| Expenditures for new machinery and operating equipment | 849,912 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 136,405 |
| Expenditures unclassified | 18,224 |

TABLE 9.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $21,053,502 | $13,938,821 |
| Finished products | 9,648,094 | 5,437,668 |
| Materials, supplies, etc | 11,405,408 | 8,501,153 |
| End of year, total | 21,190,093 | 16,704,964 |
| Finished products | 9,709,229 | 6,169,767 |
| Materials, supplies, etc | 11,480,864 | 10,535,197 |
| Value of products for the industry, total | 72,637,388 | 63,689,480 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 67,856,754 | 53,397,748 |
| Value for establishments not reporting inventories | 4,780,634 | 10,291,732 |

TABLE 10.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 [1]

| | 1939 |
|---|---|
| Number of establishments | 377 |
| Number of establishments reporting power equipment | 369 |
| Prime movers, aggregate: | |
| Number | 105 |
| Horsepower | 4,508 |
| Prime movers, driving generators, total— | |
| Number | 21 |
| Horsepower | 2,869 |
| Steam engines— | |
| Number | 18 |
| Horsepower | 2,429 |
| Steam turbines— | |
| Number | 1 |
| Horsepower | 250 |
| Diesel and semi-Diesel engines— | |
| Number | 2 |
| Horsepower | 190 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 452 |
| Prime movers not driving generators, total— | |
| Number | 84 |
| Horsepower | 1,639 |
| Steam engines— | |
| Number | 29 |
| Horsepower | 712 |
| Steam turbines— | |
| Number | 16 |
| Horsepower | 659 |
| Diesel and semi-Diesel engines— | |
| Number | 4 |
| Horsepower | 195 |
| Other internal-combustion engines [2]— | |
| Number | 35 |
| Horsepower | 73 |
| Generators, kilowatt rating, total | 2,007 |
| Generators, driven by— | |
| Steam engines, kilowatt rating | 1,667 |
| Steam turbines, kilowatt rating | 200 |
| Diesel and semi-Diesel engines, kilowatt rating | 140 |
| Generators, ordinarily idle (included above), kilowatt rating | 315 |
| Electric motors, total: | |
| Number | 7,409 |
| Horsepower | 22,108 |
| Driven by purchased energy— | |
| Number | 6,249 |
| Horsepower | 18,556 |
| Driven by energy generated in establishments reporting— | |
| Number | 1,160 |
| Horsepower | 3,552 |
| Electric energy (kilowatt-hours): | |
| Generated in plant | 456,375 |
| Purchased | 10,479,088 |

[1] Comparable data for 1929 not available.
[2] Gas, gasoline, etc.

# SALAD DRESSINGS

[A preliminary report for this industry was issued December 12, 1940]

**Description of the industry.**—This industry embraces establishments primarily engaged in the manufacture of salad dressings, both cooked and raw.

**Statistics for prior census years.**—No statistics for this industry, other than those for products shown in table 4, are available for census years prior to 1937. In order to obtain figures comparable with those for 1939, a special tabulation was made of the 1937 reports which constituted part of the former industry designated as "Canned and dried fruits and vegetables; canned and bottled juices; preserves, jellies, fruit butters, pickles, and sauces."

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, and purchased electric energy | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 134 | 2,556 | $2,433,965 | $37,873,069 | $48,941,846 | $11,068,777 | ---------- |
| 1937 [4] | 113 | 2,487 | 2,521,606 | 36,914,941 | 45,901,355 | 8,986,414 | (5) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, and purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] No comparable figures for years prior to 1937.
[5] Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | California | Florida | Maryland | Missouri | New York | Oklahoma | Oregon | Pennsylvania | Texas | Other States [1] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [2] | 134 | 18 | 5 | 3 | 5 | 13 | 6 | 5 | 7 | 18 | 54 |
| Proprietors and firm members | 87 | 13 | 3 | ---------- | 2 | 3 | 4 | 2 | 6 | 22 | 32 |
| Persons reported by manufacturing establishments, total [3] | 3,511 | 184 | 108 | 92 | 121 | 532 | 80 | 57 | 114 | 326 | 1,897 |
| Salaried officers of corporations [3] | 76 | 7 | 2 | 1 | 2 | 9 | 5 | 2 | 2 | 8 | 38 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [3] | 326 | 22 | 17 | 7 | 8 | 61 | 6 | 8 | 12 | 20 | 165 |
| Wage earners (average for the year) [4] | 2,556 | 139 | 79 | 70 | 98 | 393 | 53 | 41 | 88 | 176 | 1,419 |
| Distribution | 500 | 16 | 10 | 14 | 13 | 32 | 13 | 6 | 12 | 120 | 264 |
| Construction | 18 | ---------- | ---------- | ---------- | ---------- | 14 | ---------- | ---------- | ---------- | 2 | 2 |
| Other | 35 | ---------- | ---------- | ---------- | ---------- | 23 | 3 | ---------- | ---------- | ---------- | 9 |
| Salaries and wages, total [3] | $4,190,235 | $235,703 | $77,870 | $130,989 | $116,336 | $874,539 | $81,869 | $61,986 | $123,181 | $297,330 | $2,190,432 |
| Salaried officers [3] | 294,447 | 14,820 | 2,950 | 19,550 | 8,350 | 41,951 | 16,331 | 3,540 | 13,000 | 15,860 | 158,095 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [3] | 575,655 | 49,495 | 19,659 | 10,388 | 9,896 | 111,879 | 7,965 | 10,277 | 16,828 | 26,913 | 312,355 |
| Wages | 2,433,965 | 151,391 | 38,483 | 75,193 | 79,173 | 602,581 | 35,093 | 33,880 | 74,622 | 106,491 | 1,237,058 |
| Distribution | 792,804 | 19,997 | 16,778 | 25,858 | 18,659 | 59,197 | 18,477 | 14,289 | 18,731 | 144,096 | 456,722 |
| Construction | 43,323 | ---------- | ---------- | ---------- | 258 | 21,724 | ---------- | ---------- | ---------- | 3,970 | 17,371 |
| Other | 50,041 | ---------- | ---------- | ---------- | ---------- | 37,207 | 4,003 | ---------- | ---------- | ---------- | 8,831 |
| Cost of materials, supplies, containers, fuel, and purchased electric energy, total | 37,873,069 | 3,156,964 | 545,512 | 805,660 | 800,996 | 6,884,037 | 435,346 | 197,785 | 528,014 | 2,781,343 | 21,737,412 |
| Materials, supplies, and containers | 37,652,204 | 3,144,620 | 542,328 | 799,123 | 791,915 | 6,822,793 | 430,613 | 193,548 | 522,891 | 2,765,380 | 21,638,993 |
| Fuel | 105,811 | 4,083 | 2,132 | 2,129 | 3,870 | 30,473 | 1,830 | 2,381 | 1,477 | 6,242 | 42,194 |
| Purchased electric energy | 115,054 | 8,261 | 1,052 | 4,408 | 5,211 | 21,771 | 2,903 | 1,856 | 3,646 | 9,721 | 56,225 |
| Value of products | 48,941,846 | 3,820,132 | 806,161 | 1,116,086 | 1,092,179 | 9,077,613 | 596,110 | 316,127 | 755,021 | 3,643,217 | 27,719,200 |
| Value added by manufacture [5] | 11,068,777 | 663,168 | 260,649 | 310,426 | 291,183 | 2,193,576 | 160,764 | 118,342 | 227,007 | 861,874 | 5,981,788 |

[1] Alabama, 2 establishments; Colorado, 1; Connecticut, 1; District of Columbia, 1; Georgia, 3; Illinois, 6; Indiana, 4; Iowa, 3; Kansas, 2; Kentucky, 1; Louisiana, 3; Massachusetts, 4; Michigan, 2; Minnesota, 2; New Jersey, 3; North Carolina, 1; Ohio, 3; Rhode Island, 2; South Carolina, 1; Tennessee, 2; Utah, 1; Washington, 6.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, and purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Salad Dressings industry, all products, total value | $48,941,846 | $45,901,355 |
| Salad dressings | 29,235,930 | 31,036,595 |
| Salad dressings and other products not reported by kind | 713,091 | 14,864,760 |
| Miscellaneous products | 603,676 | |
| Other products (not classified in this industry) | [1] 17,419,204 | |
| Merchandise (goods bought and sold without processing) | 969,945 | ---------- |
| Salad dressings, total value | 43,803,087 | 44,522,070 |
| Made in this industry | 29,235,930 | 31,036,595 |
| Made as secondary products in other industries | 14,567,157 | 13,485,475 |

[1] Value of canned fruits and vegetables; vinegar, flavoring extracts and flavoring sirups; peanut butter; salad oil produced in plant; edible sirups; mincemeat; horseradish; mustard (prepared); olives, bottled and bulk; pickles; preserves, jams, jellies, and fruit butters; sandwich spread, sauces.

TABLE 4.—PRODUCTS, BY KIND AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | | | 1937 | 1929 |
|---|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | | |
| Total value | $29,235,930 | $14,567,157 | $43,803,087 | $44,522,070 | $43,243,764 |
| Salad dressings, cooked | 17,864,554 | 3,729,800 | 21,594,354 | 22,106,605 | 3,668,167 |
| Salad dressings, raw, total | 11,371,376 | 10,837,357 | 22,208,733 | 22,415,465 | 39,575,597 |
| Mayonnaise | 9,592,006 | 9,344,170 | 18,936,176 | 19,742,537 | 29,699,641 |
| Other (French, Thousand Island, Russian, etc.) | 1,779,370 | 1,493,187 | 3,272,557 | 2,672,928 | 9,875,956 |

TABLE 5.—PRODUCTS, BY KIND AND VALUE, BY STATES: 1939

| PRODUCT AND STATE | Value |
|---|---|
| Salad dressings, cooked, total value | $21,594,354 |
| Colorado | 97,951 |
| Illinois | 4,684,269 |

TABLE 5.—PRODUCTS, BY KIND AND VALUE, BY STATES: 1939—Continued

| PRODUCT AND STATE | Value |
|---|---|
| Salad dressings, cooked—Continued. | |
| Iowa | $111,871 |
| Louisiana | 101,512 |
| Maryland | 498,352 |
| Michigan | 187,123 |
| Minnesota | 204,903 |
| Missouri | 553,110 |
| Ohio | 1,482,631 |
| Oklahoma | 234,372 |
| Oregon | 100,120 |
| Pennsylvania | 368,779 |
| Tennessee | 170,334 |
| Texas | 2,144,818 |
| Washington | 477,014 |
| Other States (Ala., Calif., Fla., Ga., Ind., Kans., Ky., Mass., N. J., N. Y., S. C., Utah, Wis.) | 10,177,195 |
| Mayonnaise, total value | 18,936,176 |
| California | 4,346,777 |
| Colorado | 17,617 |
| Illinois | 1,621,497 |
| Indiana | 169,707 |
| Kentucky | 211,645 |
| Louisiana | 275,631 |
| Maryland | 1,085,748 |
| Massachusetts | 999,417 |
| Minnesota | 20,205 |
| Missouri | 169,833 |
| New York | 1,665,681 |
| Ohio | 276,795 |
| Oklahoma | 26,670 |
| Oregon | 180,097 |
| Pennsylvania | 474,506 |
| Texas | 579,347 |
| Washington | 308,150 |
| Other States (Ala., Conn., D. C., Fla., Ga., Iowa, Kans., Me., Mich., N. H., N. J., N. C., R. I., S. C., Tenn., Utah, Wis.) | 6,506,853 |
| Other salad dressings (French, Thousand Island, Russian, etc.), total value | 3,272,557 |
| California | 1,008,867 |
| Illinois | 961,193 |
| Minnesota | 12,892 |
| Missouri | 7,016 |
| Ohio | 44,090 |
| Other States (Colo., Conn., Ga., Ind., Kans., Ky., La., Md., Mass., Mich., N. J., N. Y., Pa., R. I., S. C., Tex., Wash., Wis.) | 1,238,499 |

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 2,556 | 2,333 | 2,405 | 2,502 | 2,523 | 2,618 | 2,805 | 2,801 | 2,689 | 2,680 | 2,588 | 2,431 | 2,299 |
| 1937 | 2,487 | 2,198 | 2,396 | 2,516 | 2,534 | 2,738 | 2,750 | 2,734 | 2,604 | 2,493 | 2,474 | 2,226 | 2,176 |
| California | 139 | 137 | 138 | 139 | 141 | 142 | 142 | 142 | 143 | 139 | 134 | 132 | 137 |
| Florida | 79 | 57 | 84 | 86 | 97 | 74 | 101 | 70 | 83 | 92 | 81 | 60 | 60 |
| Georgia | 85 | 79 | 79 | 82 | 83 | 82 | 86 | 87 | 88 | 89 | 88 | 89 | 87 |
| Illinois | 206 | 178 | 183 | 217 | 237 | 208 | 265 | 264 | 210 | 205 | 168 | 160 | 180 |
| Indiana | 543 | 490 | 535 | 550 | 436 | 553 | 599 | 575 | 552 | 561 | 594 | 546 | 523 |
| Iowa | 34 | 30 | 29 | 31 | 36 | 34 | 33 | 41 | 44 | 37 | 37 | 26 | 26 |
| Louisiana | 41 | 40 | 39 | 41 | 41 | 44 | 42 | 41 | 42 | 43 | 40 | 41 | 41 |
| Maryland | 70 | 63 | 65 | 65 | 77 | 73 | 81 | 78 | 74 | 69 | 68 | 63 | 63 |
| Massachusetts | 79 | 71 | 71 | 75 | 80 | 92 | 91 | 93 | 92 | 75 | 72 | 67 | 68 |
| Missouri | 98 | 79 | 91 | 92 | 96 | 110 | 98 | 94 | 85 | 136 | 101 | 99 | 99 |
| New Jersey | 98 | 87 | 96 | 98 | 103 | 109 | 98 | 105 | 101 | 108 | 87 | 85 | 96 |
| New York | 393 | 388 | 356 | 344 | 423 | 382 | 426 | 429 | 389 | 409 | 419 | 410 | 341 |
| Ohio | 25 | 25 | 25 | 26 | 27 | 27 | 28 | 27 | 27 | 25 | 24 | 21 | 22 |
| Oklahoma | 53 | 43 | 47 | 51 | 48 | 53 | 54 | 56 | 52 | 56 | 65 | 60 | 52 |
| Oregon | 41 | 40 | 41 | 40 | 43 | 41 | 42 | 44 | 41 | 41 | 42 | 42 | 38 |
| Pennsylvania | 88 | 95 | 90 | 93 | 87 | 93 | 97 | 96 | 91 | 85 | 82 | 77 | 76 |
| Texas | 176 | 159 | 163 | 187 | 180 | 184 | 187 | 193 | 154 | 177 | 188 | 189 | 147 |
| Washington | 67 | 70 | 68 | 65 | 63 | 75 | 78 | 73 | 76 | 66 | 66 | 57 | 50 |

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 134 |
| Reporting expenditures for plant and equipment | 78 |
| Value of products: | |
| Total for the industry | $48,941,846 |
| Reporting expenditures for plant and equipment | 44,968,431 |
| Expenditures for plant and equipment: | |
| Total for the industry | 583,995 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 62,630 |
| Expenditures for new machinery and operating equipment | 451,077 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 62,078 |
| Expenditures unclassified | 8,210 |

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $4,170,933 | $4,322,074 |
| Finished products | 1,899,798 | 802,878 |
| Materials, supplies, etc | 2,271,135 | 3,519,196 |
| End of year, total | 4,202,707 | 4,255,813 |
| Finished products | 943,293 | 933,605 |
| Materials, supplies, etc | 3,259,414 | 3,322,208 |
| Value of products for the industry, total | 48,941,846 | 45,901,355 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 48,160,446 | 43,559,599 |
| Value for establishments not reporting inventories | 781,400 | 2,341,756 |

TABLE 9.—POWER—MOTORS AND ELECTRIC ENERGY: 1939 [1]

| | 1939 |
|---|---|
| Number of establishments | 134 |
| Number of establishments reporting power equipment | 134 |
| Electric motors driven by purchased energy: | |
| Number | 2,797 |
| Horsepower | 6,319 |
| Electric energy purchased (kilowatt-hours) | 6,085,752 |

[1] Comparable data for 1929 not available.

# QUICK-FROZEN FOODS

[A preliminary report for this industry was issued December 13, 1940]

**Description of the industry.**—This industry embraces establishments primarily engaged in the quick freezing of fruits and vegetables for ultimate delivery to the consumer in a frozen state.

**Statistics for prior census years.**—No statistics for this industry are available for census years prior to 1937. In order to obtain figures comparable with those for 1939, a special tabulation was made of the 1937 data which constituted part of the former industry designated as "Canned and dried fruits and vegetables; canned and bottled juices; preserves, jellies, fruit butters, pickles, and sauces."

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, and purchased electric energy | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 36 | 2,640 | $1,656,025 | $6,182,735 | $10,107,442 | $3,924,707 | 1,286 |
| 1937 [4] | 21 | 1,963 | 1,332,131 | 4,888,463 | 8,140,846 | 3,252,383 | (5) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, and purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] No comparable figures for years prior to 1937.
[5] Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | California | New York | Washington | Other States [1] |
|---|---|---|---|---|---|
| Number of establishments [2] | 36 | 6 | 4 | 10 | 16 |
| Proprietors and firm members | 10 | -------- | 4 | 1 | 5 |
| Persons reported by manufacturing establishments, total [3] | 2,825 | 200 | 116 | 609 | 1,901 |
| Salaried officers of corporations [3] | 19 | 5 | -------- | 9 | 5 |
| Manufacturing: | | | | | |
| Salaried employees [3] | 122 | 5 | 5 | 35 | 77 |
| Wage earners (average for the year) [4] | 2,640 | 164 | 111 | 558 | 1,808 |
| Distribution | 38 | 23 | -------- | 4 | 11 |
| Construction | 3 | 3 | -------- | -------- | -------- |
| Other | 3 | -------- | -------- | 3 | -------- |
| Salaries and wages, total [3] | $1,995,416 | $158,855 | $64,929 | $381,036 | $1,390,596 |
| Salaried officers [3] | 110,881 | 16,230 | -------- | 35,213 | 59,438 |
| Manufacturing: | | | | | |
| Salaries [2] | 169,911 | 5,955 | 5,444 | 47,176 | 111,336 |
| Wages | 1,656,025 | 108,844 | 56,026 | 284,160 | 1,206,995 |
| Distribution | 39,929 | 23,328 | -------- | 6,199 | 10,402 |
| Construction | 17,198 | 4,498 | 3,459 | 6,816 | 2,425 |
| Other | 1,472 | -------- | -------- | 1,472 | -------- |
| Cost of materials, supplies, containers, fuel, and purchased electric energy, total | 6,182,735 | 440,895 | 274,776 | 1,560,700 | 3,906,364 |
| Materials, supplies, and containers | 6,001,251 | 429,170 | 268,273 | 1,539,313 | 3,764,495 |
| Fuel | 27,118 | 566 | 3,834 | 7,388 | 15,330 |
| Purchased electric energy | 154,366 | 11,159 | 2,669 | 13,999 | 126,539 |
| Value of products | 10,107,442 | 773,998 | 433,142 | 2,630,320 | 6,269,982 |
| Value added by manufacture [5] | 3,924,707 | 333,103 | 158,366 | 1,069,620 | 2,363,618 |

[1] Alabama, 1 establishment; Florida, 1; Louisiana, 1; Maine, 2; Maryland, 1; New Jersey, 1; Oregon, 2; Pennsylvania, 3; Texas, 1; Utah, 1; Virginia, 2.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, and purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Quick-Frozen Foods industry, all products, total value | $10,107,442 | $8,140,846 |
| Quick-frozen fruits and vegetables | 8,447,989 | 6,670,646 |
| Miscellaneous products, including receipts for contract work | 390,200 | 1,470,200 |
| Other products (not classified in this industry) | [1] 1,269,253 | |
| Quick-frozen foods, total value | 12,035,791 | 9,094,515 |
| Produced in the industry | 8,447,989 | 6,670,646 |
| Produced as secondary products in other industries | 3,587,802 | 2,423,869 |

[1] Value of canned fruits and vegetables, cold-pack fruits, fruit juices.

TABLE 4.—PRODUCTS, BY KIND AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | | | 1937 |
|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | |
| Total value | $8,447,989 | $3,587,802 | $12,035,791 | $9,094,515 |
| Quick-frozen fruits | 3,162,284 | 1,736,788 | 4,899,072 | 4,476,212 |
| Quick-frozen vegetables | 5,285,705 | 1,851,014 | 7,136,719 | 4,618,303 |

TABLE 5.—PRODUCTS, BY KIND AND VALUE, BY STATES: 1939

| PRODUCT AND STATE | Value |
|---|---|
| Quick-frozen fruits, total value | $4,899,072 |
| California | 327,436 |
| New York | 285,734 |
| Pennsylvania | 514,528 |
| Washington | 1,035,114 |
| Other States (Ala., Ky., La., Maine, Md., Mich., Oreg., Tex., Va.) | 2,736,260 |
| Quick-frozen vegetables, total value | 7,136,719 |
| California | 446,145 |
| Georgia | 11,790 |
| New York | 963,809 |
| Washington | 1,225,669 |
| Other States (Fla., Ill., Ind., La., Maine, Mich., Minn., N. J., Ohio, Oreg., Pa., Tex., Utah, Va., Wis.) | 4,489,306 |

TABLE 6.—MATERIALS CONSUMED IN THE INDUSTRY, BY KIND, QUANTITY, AND COST, FOR THE UNITED STATES: 1939

| MATERIALS CONSUMED | Pounds | Cost |
|---|---|---|
| Sugar,[1] total | 7,700,496 | $347,418 |
| Beet | 1,161,327 | 52,797 |
| Cane | 6,539,169 | 294,621 |
| Fruits and vegetables | -------- | 4,020,272 |
| Containers, boxes, cartons, etc | -------- | 1,324,692 |

[1] Consumed in the canning and processing of fruits, vegetables, and other food preparations reported as secondary products by establishments classified in this industry.

TABLE 7.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 2,640 | 824 | 748 | 784 | 1,333 | 3,858 | 4,975 | 3,975 | 4,385 | 4,327 | 3,163 | 2,323 | 991 |
| 1937 | 1,963 | 295 | 187 | 158 | 1,437 | 3,208 | 4,614 | 3,040 | 3,432 | 3,886 | 1,663 | 1,029 | 602 |
| California | 164 | 69 | 102 | 70 | 204 | 239 | 158 | 99 | 127 | 347 | 308 | 140 | 99 |
| New York | 111 | 15 | 16 | 16 | 33 | 48 | 201 | 424 | 271 | 133 | 140 | 15 | 19 |
| Pennsylvania | 87 | 19 | 16 | 16 | 17 | 35 | 412 | 238 | 108 | 87 | 38 | 33 | 20 |
| Washington | 558 | 146 | 117 | 166 | 266 | 521 | 926 | 985 | 972 | 1,196 | 555 | 560 | 281 |

TABLE 8.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 36 |
| Reporting expenditures for plant and equipment | 22 |
| Value of products: | |
| Total for the industry | $10,107,442 |
| Reporting expenditures for plant and equipment | 6,614,378 |
| Expenditures for plant and equipment: | |
| Total for the industry | 274,611 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 58,203 |
| Expenditures for new machinery and operating equipment | 199,687 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 16,721 |

TABLE 9.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $2,251,094 | $908,440 |
| Finished products | 1,937,052 | 772,170 |
| Materials, supplies, etc | 314,042 | 136,270 |
| End of year, total | 2,537,077 | 1,328,842 |
| Finished products | 2,101,377 | 1,117,735 |
| Materials, supplies, etc | 435,700 | 211,107 |
| Value of products for the industry, total | 10,107,442 | 8,140,846 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 7,800,827 | 5,453,224 |
| Value for establishments not reporting inventories | 2,306,615 | 2,687,622 |

TABLE 10.—PRIME MOVERS, MOTORS, AND ELECTRIC ENERGY: 1939 [1]

| | 1939 |
|---|---|
| Number of establishments | 36 |
| Number of establishments reporting power equipment | 36 |
| Prime movers, aggregate: | |
| Number | 36 |
| Horsepower | 1,286 |
| Prime movers not driving generators, total— | |
| Number | 36 |
| Horsepower | 1,286 |
| Steam engines— | |
| Number | 3 |
| Horsepower | 290 |
| Internal-combustion engines,[2] other than Diesel and semi-Diesel— | |
| Number | 33 |
| Horsepower | 996 |
| Electric motors driven by purchased energy: | |
| Number | 1,149 |
| Horsepower | 7,178 |
| Electric energy purchased (kilowatt-hours) | 8,327,743 |

[1] Comparable data for 1929 not available. [2] Gas, gasoline, etc.

# FLOUR AND OTHER GRAIN-MILL PRODUCTS

[A preliminary report for this industry was issued December 14, 1940]

**Description of the industry.**—This industry embraces establishments primarily engaged in the manufacture of flour, meal, and feed from wheat, corn, and other grains, including mills whose chief products are cracked and ground grain for stock and poultry feed but not including establishments using such grain and other materials in the preparation of mixed feeds, which are classified in the "Prepared feeds (including mineral) for animals and fowls" industry. Pearl barley, corn grits and flakes for brewers' use are classified as products of this industry. Other mills whose principal products are the result of further manufacturing processes are classified elsewhere. For example, those making cereal breakfast foods or corn grits and hominy for human consumption are classified in the "Cereal preparations" 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 the mills that use grain as material. The Manufactures Census is restricted to merchant mills—that is, establishments that 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 constitutes more than half the total business.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1899 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 2,143 | 24,771 | $28,369,796 | $506,061,519 | $649,943,088 | $143,881,569 | 228,867 |
| 1937 | 2,238 | 26,390 | 30,185,843 | 722,710,661 | 856,310,470 | 133,599,809 | (5) |
| 1935 | 2,193 | 26,495 | 27,104,722 | 716,222,181 | 853,219,061 | 136,996,880 | (6) |
| 1933 | 1,932 | 23,207 | 22,591,371 | 432,670,740 | 567,003,086 | 134,332,346 | (5) |
| 1931 | 2,412 | 22,840 | 27,298,079 | 461,090,593 | 598,040,724 | 136,950,131 | (5) |
| 1929 | 4,022 | 27,028 | 35,072,386 | 868,872,569 | 1,060,269,418 | 191,396,849 | 308,022 |
| 1927 | 4,035 | 29,982 | 37,559,472 | 972,711,040 | 1,148,760,360 | 176,049,320 | 331,828 |
| 1925 | 4,413 | 31,988 | 39,700,239 | 1,125,378,941 | 1,298,014,788 | 172,635,847 | 367,058 |
| 1923 | 5,232 | 35,194 | 41,704,297 | 885,971,543 | 1,048,577,459 | 162,605,916 | 413,231 |
| 1921 | 6,485 | 35,378 | 43,142,734 | 993,809,720 | 1,179,740,131 | 185,930,411 | (5) |
| 1919 | 10,708 | 45,481 | 50,888,383 | 1,799,180,987 | 2,052,434,385 | 253,253,398 | 611,967 |
| 1914 | 10,788 | 39,718 | 24,593,162 | 752,270,021 | 877,679,709 | 125,409,688 | 708,965 |
| 1909 | 11,691 | 39,453 | 21,464,386 | 767,576,479 | 883,584,405 | 116,007,926 | 800,383 |
| 1904 | 10,051 | 39,110 | 19,822,196 | 619,971,161 | 713,033,395 | 93,062,234 | 758,755 |
| 1899 | 9,476 | 32,226 | 16,285,163 | 428,116,757 | 501,396,304 | 73,279,547 | 666,513 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Alabama | Arkansas | California | Colorado | Delaware | Georgia | Idaho | Illinois | Indiana |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 2,143 | 11 | 10 | 26 | 38 | 20 | 39 | 28 | 58 | 126 |
| Proprietors and firm members | 1,913 | 11 | 11 | 8 | 22 | 27 | 21 | 8 | 28 | 121 |
| Persons reported by manufacturing establishments, total [2] | 35,978 | 67 | 28 | 843 | 611 | 97 | 447 | 238 | 2,250 | 1,669 |
| Salaried officers of corporations [2] | 1,131 | 2 | 2 | 15 | 8 | 2 | 17 | 15 | 61 | 68 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 4,417 | 3 | 2 | 119 | 96 | 13 | 47 | 36 | 265 | 240 |
| Wage earners (average for the year) [3] | 24,771 | 46 | 23 | 504 | 424 | 68 | 315 | 158 | 1,634 | 1,106 |
| Distribution | 4,895 | 16 | 1 | 205 | 70 | 9 | 48 | 24 | 267 | 231 |
| Construction | 387 | ---- | ---- | ---- | 8 | 5 | 20 | 2 | 13 | 9 |
| Other | 377 | ---- | ---- | ---- | 5 | ---- | ---- | 3 | 10 | 15 |
| Salaries and wages, total [2] | $49,374,893 | $58,028 | $17,369 | $1,543,149 | $828,711 | $83,572 | $326,352 | $309,649 | $3,165,847 | $2,285,460 |
| Salaried officers [2] | 4,711,539 | 10,600 | 2,840 | 154,700 | 15,043 | 2,016 | 32,876 | 22,871 | 281,619 | 316,871 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 7,806,429 | 4,400 | 836 | 227,159 | 185,287 | 16,637 | 52,966 | 63,147 | 535,264 | 374,925 |
| Wages | 28,369,796 | 25,343 | 13,068 | 817,434 | 511,619 | 56,557 | 188,031 | 171,027 | 1,974,167 | 1,164,415 |
| Distribution | 7,590,353 | 17,685 | 625 | 343,856 | 105,515 | 7,076 | 48,649 | 47,717 | 344,463 | 411,391 |
| Construction | 507,034 | ---- | ---- | ---- | 9,538 | 1,286 | 3,830 | 2,450 | 20,373 | 9,584 |
| Other | 389,742 | ---- | ---- | ---- | 1,709 | ---- | ---- | 2,437 | 9,961 | 8,274 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 506,061,519 | 457,499 | 139,265 | 13,696,456 | 5,235,756 | 678,990 | 4,044,439 | 2,008,012 | 31,999,229 | 17,798,418 |
| Materials, supplies, and containers | 497,474,371 | 448,195 | 133,628 | 13,524,024 | 5,103,964 | 668,254 | 3,979,464 | 1,925,407 | 31,454,174 | 17,430,672 |
| Fuel | 2,256,405 | 3,093 | 2,586 | 7,163 | 35,177 | 5,809 | 5,480 | 7,673 | 215,842 | 149,061 |
| Purchased electric energy | 6,226,425 | 6,211 | 3,051 | 165,269 | 96,615 | 4,927 | 59,495 | 74,932 | 328,159 | 218,685 |
| Contract work | 104,318 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 1,054 | ---- |
| Value of products | 649,943,088 | 627,022 | 172,012 | 18,985,809 | 6,916,494 | 856,460 | 4,942,527 | 2,729,867 | 42,765,720 | 24,567,462 |
| Value added by manufacture [4] | 143,881,569 | 169,523 | 32,747 | 5,289,353 | 1,680,738 | 177,470 | 898,088 | 721,855 | 10,766,491 | 6,769,044 |

| ITEM | Iowa | Kansas | Kentucky | Maine | Maryland | Massachusetts | Michigan | Minnesota | Missouri | Montana |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 25 | 86 | 134 | 5 | 53 | 7 | 74 | 62 | 111 | 24 |
| Proprietors and firm members | 23 | 40 | 188 | 3 | 53 | 5 | 69 | 34 | 84 | 10 |
| Persons reported by manufacturing establishments, total [2] | 388 | 3,289 | 1,143 | 13 | 280 | 49 | 936 | 2,943 | 2,335 | 342 |
| Salaried officers of corporations [2] | 9 | 109 | 43 | ---- | 21 | 1 | 46 | 44 | 83 | 5 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 52 | 400 | 143 | 2 | 31 | 9 | 139 | 303 | 287 | 74 |
| Wage earners (average for the year) [3] | 271 | 2,418 | 802 | 11 | 184 | 35 | 604 | 2,228 | 1,743 | 255 |
| Distribution | 52 | 311 | 147 | ---- | 42 | 4 | 140 | 282 | 167 | 7 |
| Construction | ---- | 25 | ---- | ---- | ---- | ---- | 5 | 17 | 6 | ---- |
| Other | 4 | 26 | 8 | ---- | 2 | ---- | 2 | 69 | 49 | 1 |
| Salaries and wages, total [2] | $567,438 | $4,692,641 | $1,192,272 | $9,925 | $324,698 | $49,414 | $1,347,618 | $4,592,467 | $3,225,541 | $488,406 |
| Salaried officers [2] | 26,257 | 603,775 | 119,988 | ---- | 55,519 | 1,000 | 221,592 | 259,040 | 303,891 | 6,600 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 83,947 | 737,348 | 191,129 | 1,860 | 44,957 | 10,647 | 223,592 | 625,823 | 497,819 | 128,359 |
| Wages | 357,817 | 2,733,039 | 691,843 | 8,065 | 174,368 | 32,656 | 664,474 | 3,120,657 | 2,055,542 | 342,230 |
| Distribution | 96,128 | 564,557 | 182,905 | ---- | 49,255 | 5,111 | 230,417 | 449,325 | 315,414 | 11,097 |
| Construction | ---- | 26,725 | ---- | ---- | ---- | ---- | 7,315 | 39,292 | 8,982 | ---- |
| Other | 3,289 | 27,197 | 6,407 | ---- | 599 | ---- | 228 | 98,330 | 43,893 | 120 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 7,821,202 | 55,643,571 | 11,571,063 | 115,010 | 2,785,175 | 710,543 | 9,848,262 | 53,835,109 | 39,393,604 | 4,528,486 |
| Materials, supplies, and containers | 7,708,604 | 54,718,852 | 11,340,137 | 111,866 | 2,710,445 | 696,051 | 9,673,408 | 52,947,936 | 38,710,950 | 4,418,193 |
| Fuel | 46,163 | 157,290 | 70,204 | 360 | 25,815 | 225 | 66,935 | 312,652 | 127,385 | 20,214 |
| Purchased electric energy | 66,435 | 733,035 | 160,722 | 2,784 | 48,915 | 14,267 | 107,919 | 507,987 | 553,795 | 90,079 |
| Contract work | ---- | 34,394 | ---- | ---- | ---- | ---- | ---- | 66,534 | 1,474 | ---- |
| Value of products | 10,021,474 | 69,858,640 | 15,157,323 | 153,940 | 3,554,194 | 796,624 | 12,686,185 | 67,437,432 | 48,096,783 | 6,254,698 |
| Value added by manufacture [4] | 2,200,272 | 14,215,069 | 3,586,260 | 38,930 | 769,019 | 86,081 | 2,837,923 | 13,602,323 | 8,703,179 | 1,726,212 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Nebraska | New Jersey | New Mexico | New York | North Carolina | North Dakota | Ohio | Oklahoma | Oregon | Pennsylvania |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 63 | 9 | 10 | 44 | 118 | 19 | 147 | 40 | 20 | 219 |
| Proprietors and firm members | 55 | 4 | 15 | 21 | 125 | 6 | 143 | 11 | 10 | 280 |
| Persons reported by manufacturing establishments, total [2] | 1,097 | 90 | 39 | 2,631 | 1,015 | 382 | 1,556 | 1,397 | 742 | 923 |
| Salaried officers of corporations [2] | 44 | 9 | 2 | 54 | 43 | 12 | 55 | 49 | 17 | 39 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 109 | 8 | 9 | 331 | 100 | 71 | 225 | 172 | 100 | 78 |
| Wage earners (average for the year) [3] | 593 | 55 | 25 | 1,873 | 682 | 257 | 1,077 | 881 | 557 | 730 |
| Distribution | 305 | 18 | 2 | 253 | 174 | 34 | 158 | 276 | 52 | 71 |
| Construction | 30 | ---------- | 1 | 108 | 1 | 6 | 11 | 6 | 10 | ---------- |
| Other | 16 | ---------- | ---------- | 12 | 15 | 2 | 30 | 13 | 6 | 5 |
| Salaries and wages, total [2] | $1,391,236 | $174,382 | $42,471 | $4,319,054 | $957,736 | $467,285 | $2,130,240 | $1,999,742 | $1,208,485 | $1,045,852 |
| Salaried officers [2] | 168,673 | 46,789 | 5,880 | 267,706 | 111,723 | 26,366 | 215,946 | 242,744 | 48,290 | 116,794 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 178,896 | 17,923 | 12,085 | 701,271 | 136,973 | 141,271 | 390,762 | 318,398 | 202,445 | 113,750 |
| Wages | 644,554 | 67,322 | 20,949 | 2,689,453 | 480,324 | 227,858 | 1,246,440 | 969,139 | 826,997 | 720,754 |
| Distribution | 336,315 | 42,348 | 2,172 | 447,106 | 220,210 | 60,841 | 236,016 | 443,044 | 103,443 | 91,669 |
| Construction | 46,512 | ---------- | 1,385 | 184,544 | 382 | 8,952 | 9,201 | 7,687 | 20,018 | ---------- |
| Other | 16,286 | ---------- | ---------- | 28,974 | 8,124 | 1,997 | 31,875 | 18,730 | 7,292 | 2,885 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 13,539,057 | 1,119,324 | 225,613 | 58,207,845 | 10,069,563 | 3,996,546 | 21,256,938 | 16,727,117 | 14,175,517 | 9,747,620 |
| Materials, supplies, and containers | 13,269,416 | 1,095,433 | 218,387 | 57,442,709 | 9,856,225 | 3,895,451 | 20,841,093 | 16,467,118 | 13,999,441 | 9,507,631 |
| Fuel | 56,109 | 2,121 | 4,259 | 132,457 | 32,562 | 90,493 | 129,221 | 101,388 | 9,031 | 86,006 |
| Purchased electric energy | 213,532 | 21,770 | 2,967 | 632,679 | 180,776 | 10,602 | 286,624 | 158,611 | 167,045 | 153,983 |
| Contract work | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Value of products | 17,485,317 | 1,378,916 | 297,298 | 75,590,791 | 12,261,290 | 5,303,788 | 25,610,800 | 23,023,319 | 17,344,119 | 12,430,004 |
| Value added by manufacture [4] | 3,946,260 | 259,592 | 71,685 | 17,382,946 | 2,191,727 | 1,307,242 | 4,353,862 | 6,296,202 | 3,168,602 | 2,682,384 |

| ITEM | South Carolina | South Dakota | Tennessee | Texas | Utah | Virginia | Washington | West Virginia | Wisconsin | Wyoming | Other States [5] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 17 | 14 | 126 | 67 | 34 | 155 | 26 | 32 | 18 | 8 | 20 |
| Proprietors and firm members | 15 | 8 | 155 | 37 | 22 | 172 | 15 | 23 | 13 | 4 | 13 |
| Persons reported by manufacturing establishments, total [2] | 115 | 90 | 1,375 | 2,649 | 398 | 957 | 1,336 | 246 | 485 | 70 | 416 |
| Salaried officers of corporations [2] | 5 | 5 | 50 | 71 | 7 | 44 | 16 | 18 | 21 | 4 | 15 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 15 | 19 | 156 | 288 | 64 | 109 | 149 | 26 | 58 | 15 | 54 |
| Wage earners (average for the year) [3] | 72 | 46 | 901 | 1,620 | 266 | 666 | 850 | 164 | 331 | 40 | 255 |
| Distribution | 8 | 19 | 251 | 575 | 46 | 126 | 314 | 38 | 69 | 11 | 72 |
| Construction | 13 | 1 | 9 | 58 | ---------- | 5 | 6 | ---------- | 4 | ---------- | 8 |
| Other | 2 | ---------- | 8 | 37 | 15 | 7 | 1 | ---------- | 2 | ---------- | 12 |
| Salaries and wages, total [2] | $92,622 | $99,094 | $1,389,791 | $3,412,611 | $560,186 | $1,041,158 | $2,286,141 | $296,269 | $721,485 | $92,950 | $537,546 |
| Salaried officers [2] | 7,480 | 8,400 | 139,716 | 330,194 | 11,843 | 166,154 | 100,135 | 56,420 | 105,208 | 11,040 | 86,940 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 18,366 | 26,796 | 208,981 | 513,530 | 108,099 | 150,449 | 316,841 | 35,732 | 90,922 | 20,032 | 96,805 |
| Wages | 51,743 | 35,288 | 671,336 | 1,581,965 | 363,362 | 547,389 | 1,316,654 | 152,589 | 398,659 | 50,910 | 203,759 |
| Distribution | 9,466 | 26,751 | 349,982 | 908,378 | 61,625 | 165,582 | 545,595 | 51,528 | 117,883 | 10,968 | 128,245 |
| Construction | 4,175 | 1,859 | 13,517 | 45,430 | ---------- | 6,478 | 6,016 | ---------- | 7,413 | ---------- | 14,090 |
| Other | 1,392 | ---------- | 6,259 | 33,114 | 15,257 | 5,106 | 900 | ---------- | 1,400 | ---------- | 7,707 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 710,732 | 926,121 | 12,670,801 | 31,381,628 | 4,749,844 | 11,537,507 | 18,979,821 | 1,877,550 | 6,733,988 | 457,523 | 4,660,775 |
| Materials, supplies, and containers | 688,239 | 898,842 | 12,454,412 | 30,979,867 | 4,616,414 | 11,368,961 | 18,733,085 | 1,837,620 | 6,544,160 | 447,603 | 4,608,040 |
| Fuel | 2,374 | 6,633 | 88,364 | 95,467 | 11,630 | 35,338 | 13,688 | 12,034 | 66,377 | 6,309 | 15,417 |
| Purchased electric energy | 20,119 | 20,646 | 128,025 | 306,294 | 121,800 | 133,208 | 233,048 | 27,896 | 122,589 | 3,611 | 37,318 |
| Contract work | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 862 | ---------- | ---------- |
| Value of products | 911,904 | 1,227,318 | 16,147,788 | 41,250,858 | 6,399,572 | 14,338,259 | 25,018,207 | 2,461,944 | 8,355,087 | 639,950 | 5,885,893 |
| Value added by manufacture [4] | 201,172 | 301,197 | 3,476,987 | 9,869,230 | 1,649,728 | 2,800,752 | 6,038,386 | 584,394 | 1,621,099 | 182,427 | 1,225,118 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Arizona, 4 establishments; Connecticut, 2; District of Columbia, 1; Florida, 2; Louisiana, 3; Mississippi, 3; Nevada, 1; New Hampshire, 1; Rhode Island, 2; Vermont, 1

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Flour and Other Grain-Mill Products industry, all products, total value | $649,943,088 | $856,310,470 | $1,060,269,418 |
| Flour, meal, feed, etc. | 592,760,885 | 786,651,625 | 995,910,661 |
| Miscellaneous products, not specified | 3,737,665 | | |
| Other products (not classified in this industry) | [1] 43,731,197 | 68,990,589 | |
| Merchandise (goods bought and sold without processing) | 8,918,499 | | 64,358,757 |
| Receipts for contract work | 794,842 | 668,256 | |
| Flour, meal, feed, etc., total value | 634,348,050 | 838,706,561 | 1,040,185,248 |
| Made in the industry | 592,760,885 | 786,651,625 | 995,910,661 |
| Made as secondary products in other industries | 41,587,165 | 52,054,936 | 44,274,587 |

[1] Value of corn grits and hominy for human consumption, cereal breakfast foods, and prepared feeds for animals and fowls, including dog and cat food.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| PRODUCT | 1939 | | | 1937 | 1929 |
|---|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | | |
| Flour, meal, feed, etc., total value | $592,760,885 | $41,587,165 | $634,348,050 | $838,706,561 | $1,040,185,248 |
| Wheat and prepared flours: | | | | | |
| Total barrels | [1] 110,536,801 | 831,926 | [1] 111,368,727 | 105,273,951 | 120,094,451 |
| Total value | $455,039,488 | $3,316,835 | $458,356,323 | $617,024,692 | $737,308,563 |
| White flour, for sale as such— | | | | | |
| Barrels | 95,167,415 | 723,771 | 95,891,186 | | |
| Value | $385,602,183 | $2,841,442 | $388,443,625 | | |
| Blended, phosphated, self-rising, and other prepared flours (made in this industry)[2]— | | | | | |
| Total barrels | 9,896,692 | | 9,896,692 | | |
| Total value | $47,608,995 | | $47,608,995 | | |
| Blended, plain— | | | | | |
| Barrels | 402,995 | | 402,995 | | |
| Value | $1,657,410 | | $1,657,410 | [3] 101,416,069 | [3] 115,773,234 |
| Phosphated— | | | | $591,360,916 | $711,997,506 |
| Barrels | 3,381,296 | | 3,381,296 | | |
| Value | $14,351,017 | | $14,351,017 | | |
| Self-rising— | | | | | |
| Barrels | 5,394,454 | | 5,394,454 | | |
| Value | $24,895,496 | | $24,895,496 | | |
| Other prepared flours (biscuit, cake, doughnut, pancake, etc.)— | | | | | |
| Barrels | 717,947 | | 717,947 | | |
| Value | $6,705,072 | | $6,705,072 | | |
| Semolina flour— | | | | | |
| Barrels | (4) | (4) | 3,393,796 | 2,479,030 | 2,959,322 |
| Value | (4) | (4) | $13,423,319 | $17,529,631 | $16,895,342 |
| Graham and whole-wheat flour— | | | | | |
| Barrels | (4) | (4) | 2,187,053 | 1,378,852 | 1,361,895 |
| Value | (4) | (4) | $8,880,384 | $8,134,145 | $8,415,715 |
| Rye flour: | | | | | |
| Barrels | 1,424,467 | 6,229 | 1,430,696 | 1,424,015 | 1,678,822 |
| Value | $4,063,972 | $27,631 | $4,091,603 | $6,707,573 | $9,179,272 |
| Buckwheat flour: | | | | | |
| Pounds | 19,801,049 | 2,838,563 | 22,639,612 | 26,550,235 | 38,452,929 |
| Value | $554,212 | $79,395 | $633,607 | $844,287 | $1,569,923 |
| Other flour, except corn flour (rice, soybean, etc.)— | | | | | |
| Pounds | 18,142,102 | 17,900,604 | 36,042,706 | 13,120,438 | 21,090,575 |
| Value | $461,909 | $504,421 | $966,330 | $1,091,501 | $781,708 |
| Pearl barley: | | | | | |
| Pounds | 5,681,237 | 14,699,977 | 20,381,214 | (5) | (5) |
| Value | $171,408 | $561,555 | $732,963 | (5) | (5) |
| Corn products (other than cereal preparations and corn grits and hominy for human consumption [6]): | | | | | |
| Flour— | | | | | |
| Barrels (200 pounds) | 279,868 | 37,170 | 317,038 | 310,955 | 589,073 |
| Value | $759,223 | $149,209 | $908,432 | $1,573,106 | $3,120,580 |
| Meal— | | | | | |
| Barrels (200 pounds) | 5,057,715 | 2,016,211 | 7,073,926 | 6,950,444 | 10,488,083 |
| Value | $15,491,405 | $7,104,722 | $22,596,127 | $32,642,130 | $52,399,787 |
| Corn grits and flakes for brewers' use— | | | | | |
| Tons (2,000 pounds) | 188,271 | 13,490 | 201,761 | 195,037 | (5) |
| Value | $5,000,599 | $409,589 | $5,410,188 | $9,458,302 | (5) |
| Other corn products— | | | | | |
| Pounds | (4) | (4) | 5,482,916 | (5) | (5) |
| Value | (4) | (4) | $80,833 | (5) | (5) |
| Bran and middlings: | | | | | |
| Tons (2,000 pounds) | 4,441,092 | 58,831 | 4,499,923 | 4,183,806 | 4,681,802 |
| Value | $90,757,068 | $1,138,936 | $91,896,004 | $116,434,273 | $141,985,187 |
| Feed,[7] screenings, etc.: | | | | | |
| Tons (2,000 pounds) | 836,640 | 1,165,525 | 2,002,165 | 1,596,601 | 2,471,661 |
| Value | $20,439,058 | $28,236,582 | $48,675,640 | $52,930,697 | $93,840,228 |

[1] Includes the duplication of a small amount (less than one-half of 1 percent) of wheat flour ground in certain mills and sold to other mills classified in this industry, for making blended and prepared flours.
[2] For production in all industries, see report for "Blended and prepared flour made from purchased flour."
[3] Detailed data on blended and other prepared flours not called for on the 1937 and 1929 schedules, as a result of which data for a considerable amount of such flours were included in the figures reported for "White flour."
[4] Not shown separately to avoid disclosing approximations of data reported by individual establishments.
[5] Not called for on schedule.
[6] Data on production of these items will be found in the report on the "Cereal preparations" industry.
[7] Not including prepared feeds, statistics for which will be found in the report for the "Prepared feeds (including mineral) for animals and fowls" industry.

## TABLE 5.—PRINCIPAL PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

[Statistics are given for all States for which separate figures can be published without disclosing, exactly or approximately, the production reported by individual establishments. Certain of the "Other States," however, are more important in the industry than some of the States shown separately]

| STATE | WHEAT AND PREPARED FLOURS | |
|---|---|---|
| | *Barrels* | *Value* |
| United States | [1] 111,368,727 | [1] $458,356,323 |
| Arkansas | 5,340 | 22,462 |
| California | 2,228,345 | 10,663,538 |
| Colorado | 1,362,328 | 4,971,649 |
| Delaware | 88,668 | 377,350 |
| Georgia | 414,418 | 1,958,686 |
| Idaho | 650,881 | 2,122,820 |
| Illinois | 6,096,687 | 27,889,937 |
| Indiana | 2,930,722 | 14,170,025 |
| Iowa | 2,177,220 | 8,387,352 |
| Kansas | 15,972,061 | 57,412,249 |
| Kentucky | 2,050,626 | 9,547,731 |
| Maryland | 536,116 | 2,087,790 |
| Michigan | 2,010,521 | 9,539,413 |
| Minnesota | 11,959,238 | 50,333,745 |
| Missouri | 10,133,436 | 38,146,918 |
| Montana | 1,401,991 | 5,462,072 |
| Nebraska | 3,161,641 | 12,718,902 |
| New Mexico | 46,746 | 214,437 |
| New York | 12,921,085 | 60,002,320 |
| North Carolina | 1,368,220 | 6,550,507 |
| North Dakota | 1,045,757 | 4,521,863 |
| Ohio | 4,698,006 | 17,201,909 |
| Oklahoma | 4,464,006 | 17,498,644 |
| Oregon | 3,558,115 | 14,234,926 |
| Pennsylvania | 1,528,558 | 6,148,890 |
| South Carolina | 139,958 | 653,391 |
| South Dakota | 221,671 | 805,317 |
| Tennessee | 2,109,332 | 10,007,946 |
| Texas | 6,458,881 | 27,310,802 |
| Utah | 1,302,327 | 4,786,307 |
| Virginia | 2,061,420 | 9,033,939 |
| Washington | 5,079,602 | 18,015,678 |
| West Virginia | 169,710 | 807,951 |
| Wisconsin | 276,962 | 1,147,633 |
| Wyoming | 122,573 | 458,259 |
| Other States [2] | 615,559 | 3,142,965 |

| STATE | CORN MEAL | |
|---|---|---|
| | *Barrels* | *Value* |
| United States | 7,073,926 | $22,596,127 |
| Alabama | 228,409 | 738,750 |
| Arkansas | 202,883 | 539,924 |
| California | 15,778 | 68,663 |
| Delaware | 8,641 | 32,195 |
| Georgia | 305,360 | 981,072 |
| Illinois | 495,608 | 1,246,462 |
| Indiana | 624,701 | 1,641,905 |
| Kansas | 161,898 | 374,797 |
| Kentucky | 443,500 | 1,467,427 |
| Louisiana | 311,975 | 1,005,365 |
| Maryland | 21,896 | 81,634 |
| Mississippi | 138,189 | 418,394 |
| Missouri | 594,345 | 2,005,211 |
| Nebraska | 111,675 | 312,550 |
| New York | 209,621 | 647,656 |
| North Carolina | 323,352 | 1,095,557 |
| Ohio | 338,566 | 1,323,455 |
| Oklahoma | 211,603 | 670,646 |
| Pennsylvania | 53,320 | 199,943 |
| South Carolina | 60,533 | 184,129 |

| STATE | CORN MEAL—con. | |
|---|---|---|
| | *Barrels* | *Value* |
| Tennessee | 692,503 | $2,250,069 |
| Texas | 622,904 | 2,077,836 |
| Virginia | 275,223 | 931,691 |
| West Virginia | 106,208 | 367,405 |
| Other States [3] | 515,235 | 1,933,391 |

| STATE | RYE FLOUR | |
|---|---|---|
| | *Barrels* | *Value* |
| United States | 1,430,696 | $4,091,603 |
| Iowa | 1,539 | 5,808 |
| Michigan | 1,768 | 5,799 |
| Minnesota | 927,716 | 2,537,038 |
| Nebraska | 3,369 | 15,241 |
| New York | 129,693 | 443,097 |
| Pennsylvania | 6,723 | 27,776 |
| Washington | 6,362 | 26,714 |
| Wisconsin | 265,963 | 745,937 |
| Other States [4] | 87,563 | 284,193 |

| STATE | BUCKWHEAT FLOUR | |
|---|---|---|
| | *Pounds* | *Value* |
| United States | 22,639,612 | $633,607 |
| Indiana | 255,930 | 7,965 |
| Iowa | 28,100 | 853 |
| Maryland | 226,041 | 6,551 |
| Michigan | 2,690,759 | 76,637 |
| Minnesota | 520,200 | 17,814 |
| New York | 6,175,649 | 183,060 |
| Ohio | 536,170 | 14,242 |
| Pennsylvania | 5,468,368 | 142,052 |
| Virginia | 211,473 | 5,575 |
| West Virginia | 380,641 | 9,090 |
| Other States [5] | 6,146,281 | 169,768 |

| STATE | BRAN AND MIDDLINGS | |
|---|---|---|
| | *Tons* | *Value* |
| United States | 4,499,923 | $91,896,004 |
| Arkansas | 1,368 | 33,655 |
| California | 76,278 | 1,781,572 |
| Colorado | 51,249 | 841,490 |
| Delaware | 4,231 | 117,280 |
| Georgia | 16,417 | 374,954 |
| Idaho | 23,694 | 382,764 |
| Illinois | 235,290 | 4,818,491 |
| Indiana | 129,700 | 3,092,560 |
| Iowa | 89,622 | 2,630,220 |
| Kansas | 620,588 | 10,683,627 |
| Kentucky | 86,699 | 2,070,164 |
| Maryland | 22,802 | 573,120 |
| Michigan | 79,911 | 1,818,397 |
| Minnesota | 511,820 | 9,740,441 |
| Missouri | 409,967 | 7,980,482 |
| Montana | 51,717 | 727,969 |
| Nebraska | 140,462 | 2,773,683 |
| New Mexico | 1,757 | 45,778 |
| New York | 554,394 | 11,708,800 |
| North Carolina | 57,603 | 1,535,896 |

| STATE | BRAN AND MIDDLINGS—con. | |
|---|---|---|
| | *Tons* | *Value* |
| North Dakota | 41,883 | $658,362 |
| Ohio | 199,226 | 4,498,827 |
| Oklahoma | 174,352 | 3,099,148 |
| Oregon | 124,819 | 2,382,470 |
| Pennsylvania | 68,847 | 1,725,958 |
| South Carolina | 14,733 | 155,897 |
| South Dakota | 9,675 | 219,840 |
| Tennessee | 96,387 | 2,480,060 |
| Texas | 256,342 | 5,913,271 |
| Utah | 39,892 | 689,448 |
| Virginia | 87,490 | 2,244,081 |
| Washington | 174,863 | 3,062,309 |
| West Virginia | 6,874 | 176,327 |
| Wisconsin | 17,389 | 361,626 |
| Wyoming | 4,661 | 68,415 |
| Other States [6] | 16,921 | 428,622 |

| STATE | FEED, SCREENINGS, ETC. | |
|---|---|---|
| | *Tons* | *Value* |
| United States | 2,002,165 | $48,675,640 |
| Arkansas | 39,330 | 890,354 |
| California | 190,844 | 5,128,003 |
| Colorado | 45,443 | 990,393 |
| Delaware | 9,513 | 248,502 |
| Florida | 4,641 | 129,618 |
| Georgia | 14,211 | 364,530 |
| Idaho | 4,261 | 99,274 |
| Illinois | 121,242 | 2,241,657 |
| Indiana | 66,127 | 1,414,008 |
| Kansas | 33,796 | 782,969 |
| Kentucky | 34,202 | 940,146 |
| Louisiana | 31,195 | 827,855 |
| Maine | 5,795 | 164,506 |
| Maryland | 29,383 | 809,592 |
| Massachusetts | 60,901 | 1,778,770 |
| Michigan | 8,520 | 221,949 |
| Minnesota | 49,396 | 923,121 |
| Mississippi | 19,243 | 564,060 |
| Missouri | 82,878 | 2,102,890 |
| Montana | 2,481 | 43,972 |
| Nebraska | 13,507 | 306,644 |
| New Jersey | 36,511 | 995,390 |
| New Mexico | 484 | 14,809 |
| New York | 318,544 | 8,203,527 |
| North Carolina | 10,781 | 316,689 |
| North Dakota | 4,045 | 25,487 |
| Ohio | 93,865 | 2,420,716 |
| Oklahoma | 46,450 | 1,165,192 |
| Oregon | 34,642 | 917,978 |
| Pennsylvania | 93,813 | 2,486,523 |
| Tennessee | 26,063 | 662,427 |
| Texas | 115,659 | 2,932,670 |
| Utah | 5,300 | 117,537 |
| Virginia | 18,675 | 515,586 |
| Washington | 50,772 | 1,368,603 |
| West Virginia | 16,335 | 506,023 |
| Wisconsin | 94,776 | 2,115,436 |
| Other States [7] | 168,541 | 2,938,234 |

[1] Includes the duplication of data for a small amount (less than one-half of 1 percent) of wheat flour ground in certain mills and sold to other mills classified in this industry, for making blended and prepared flours.

[2] Alabama, Arizona, Connecticut, District of Columbia, Florida, Maine, Massachusetts, Mississippi, Nevada, New Hampshire, New Jersey, and Rhode Island.

[3] Arizona, Colorado, Connecticut, District of Columbia, Florida, Idaho, Iowa, Maine, Massachusetts, Michigan, Minnesota, New Jersey, New Mexico, Oregon, Rhode Island, South Dakota, Utah, Washington, and Wisconsin.

[4] Arizona, California, Connecticut, District of Columbia, Georgia, Idaho, Illinois, Indiana, Kansas, Missouri, Montana, New Jersey, North Dakota, Ohio, Rhode Island, South Dakota, Tennessee, Texas, and Virginia.

[5] Connecticut, Delaware, Illinois, Louisiana, Missouri, Nebraska, New Jersey, North Carolina, South Dakota, Washington, and Wisconsin.

[6] Alabama, Arizona, Connecticut, District of Columbia, Nevada, New Hampshire, New Jersey, and Vermont.

[7] Alabama, Arizona, District of Columbia, Iowa, Nevada, New Hampshire, Rhode Island, South Carolina, South Dakota, Vermont, and Wyoming.

TABLE 6.—GRAIN (GROUND OR MILLED) AND OTHER MATERIALS CONSUMED, BY KIND, QUANTITY, AND COST, FOR THE UNITED STATES: 1939

[This table covers all grain and other materials consumed in the Flour and Other Grain-Mill Products industry including that used in the manufacture of the "Other products" for which figures are given in table 3]

| | 1939 | |
|---|---|---|
| | Quantity | Cost |
| | *Bushels* | |
| Wheat | 508, 053, 667 | $380, 134, 997 |
| Corn | 62, 254, 528 | 36, 571, 866 |
| Oats | 8, 846, 555 | 3, 162, 241 |
| Rye | 7, 703, 000 | 3, 766, 965 |
| Barley | 5, 645, 124 | 2, 866, 887 |
| Buckwheat | 783, 575 | 506, 315 |
| Rice and other grains | 959, 553 | 573, 720 |
| Soybeans: | *Pounds* | |
| Whole beans | 26, 388, 970 | 339, 539 |
| Bean-oil cake | 58, 098, 718 | 865, 496 |
| Sugar | 189, 599 | 8, 051 |
| | *Gallons* | |
| Blackstrap molasses | 6, 471, 506 | 430, 857 |
| Flour: | *Pounds* | |
| Wheat | 54, 486, 323 | 1, 050, 087 |
| Corn | 14, 978, 252 | 211, 783 |
| Buckwheat | 5, 590, 796 | 159, 736 |
| Rice | 1, 347, 231 | 37, 896 |
| Other | 4, 298, 134 | 70, 641 |
| Phosphate | 21, 940, 978 | 1, 595, 704 |
| Soda | 15, 361, 336 | 312, 547 |
| Salt | 22, 245, 455 | 224, 552 |
| Seasonings, shortening, and enriching materials | 8, 725, 856 | 625, 668 |

TABLE 7.—PRINCIPAL GRAINS GROUND AND PROCESSED, BY KIND, QUANTITY, AND COST: 1939

| | 1939 | |
|---|---|---|
| | Quantity | Cost |
| | *Bushels* | |
| Processed into flour: | | |
| Wheat | 503, 099, 878 | $376, 437, 669 |
| Rye | 6, 553, 408 | 3, 254, 511 |
| Buckwheat | 597, 634 | 390, 764 |
| Processed into feeds for animal or fowl consumption: | | |
| Wheat | 3, 933, 338 | 2, 879, 746 |
| Corn | 29, 322, 405 | 16, 939, 837 |
| Oats | 8, 717, 015 | 3, 118, 724 |
| Rye | 1, 149, 592 | 512, 454 |
| Barley | 5, 404, 200 | 2, 719, 748 |
| Buckwheat | 185, 941 | 115, 551 |
| Processed into cereal breakfast preparations, wheat | 976, 045 | 786, 133 |
| Processed into meal, flour, hominy, and grits for human consumption, and grits and flakes for brewers' use, corn | 32, 144, 666 | 19, 050, 686 |
| Processed or used for other purposes (including pearl barley): | | |
| Corn | 787, 457 | 581, 343 |
| Barley | 240, 924 | 147, 139 |
| | *Pounds* | |
| Wheat and oats[1] | 6, 809, 640 | 74, 966 |

[1] Includes a small amount of oats used for cereal preparations.

TABLE 8.—GRAIN GROUND OR MILLED, BY KIND, QUANTITY, AND COST, BY STATES: 1939

[This table covers all grain milled in the "Flour and Other Grain-Mill Products" industry, including that milled in the manufacture of the "Other products" for which figures are given in table 3]

| STATE | WHEAT | |
|---|---|---|
| | *Bushels* | *Cost* |
| United States | 508, 053, 667 | $380, 134, 997 |
| Arkansas | 23, 229 | 15, 961 |
| California | 10, 474, 600 | 8, 452, 057 |
| Colorado | 6, 186, 015 | 3, 966, 441 |
| Delaware | 445, 083 | 374, 382 |
| Georgia | 2, 027, 115 | 1, 857, 679 |
| Idaho | 2, 963, 021 | 1, 673, 969 |
| Illinois | 27, 261, 488 | 20, 556, 073 |
| Indiana | 14, 081, 643 | 9, 870, 109 |
| Iowa | 8, 620, 273 | 6, 869, 815 |
| Kansas | 72, 044, 808 | 48, 056, 416 |
| Kentucky | 9, 440, 233 | 7, 536, 286 |
| Maryland | 2, 541, 698 | 2, 007, 731 |
| Michigan | 9, 337, 803 | 7, 521, 118 |
| Minnesota | 54, 968, 859 | 43, 418, 960 |
| Missouri | 45, 294, 315 | 33, 524, 883 |
| Montana | 6, 350. 762 | 3, 969, 432 |
| Nebraska | 14, 553, 508 | 10, 207, 383 |
| New Mexico | 227, 991 | 178, 063 |
| New York | 60, 223, 829 | 49, 242, 394 |
| North Carolina | 6, 480, 511 | 6, 014, 619 |
| North Dakota | 4, 879, 630 | 3, 605, 064 |
| Ohio | 22, 234, 071 | 16, 945, 192 |
| Oklahoma | 20, 104, 513 | 12, 817, 347 |
| Oregon | 15, 658, 868 | 11, 756, 407 |
| Pennsylvania | 7, 440, 280 | 6, 151, 028 |
| South Carolina | 553, 049 | 448, 497 |
| South Dakota | 1, 005, 441 | 699, 873 |
| Tennessee | 9, 651, 984 | 8, 376, 836 |
| Texas | 29, 352, 364 | 23, 041, 825 |
| Utah | 5, 932, 528 | 3, 654, 575 |
| Virginia | 9, 627, 673 | 8, 263, 607 |
| Washington | 23, 380, 424 | 15, 351, 793 |
| West Virginia | 792, 991 | 620, 658 |
| Wisconsin | 1, 300, 091 | 1, 023, 232 |
| Wyoming | 558, 580 | 323, 404 |
| Other States | 2, 034, 396 | 1, 741, 888 |

| STATE | CORN | |
|---|---|---|
| | *Bushels* | *Cost* |
| United States | 62, 254, 528 | $36, 571, 866 |
| Alabama | 470, 270 | 342, 140 |
| Arkansas | 189, 506 | 102, 304 |
| California | 1, 508, 188 | 1, 105, 510 |
| Delaware | 319, 199 | 191, 420 |
| Georgia | 1, 816, 975 | 1, 192, 871 |
| Idaho | 5, 612 | 3, 984 |
| Illinois | 10, 611, 000 | 5, 823, 614 |
| Indiana | 6, 500, 604 | 3, 312, 665 |
| Iowa | 165, 725 | 78, 397 |
| Kansas | 1, 224, 987 | 553, 603 |
| Kentucky | 3, 022, 984 | $1, 789, 046 |
| Maine | 109, 214 | 71, 550 |
| Maryland | 527, 605 | 313, 799 |
| Michigan | 291, 368 | 164, 499 |
| Minnesota | 1, 382 152 | 701, 244 |
| Missouri | 2, 062, 756 | 1, 053, 745 |
| Montana | 3, 315 | 2, 034 |
| Nebraska | 796, 031 | 372, 248 |
| New Jersey | 260, 581 | 136, 217 |
| New Mexico | 31, 058 | 19, 000 |
| North Carolina | 2, 223, 651 | 1, 471, 384 |
| North Dakota | 17, 432 | 7, 970 |
| Ohio | 2, 566, 519 | 1, 491, 696 |
| Oklahoma | 1, 282; 249 | 791, 815 |
| Pennsylvania | 2, 213, 013 | 1, 449, 117 |
| South Carolina | 250, 511 | 146, 072 |
| South Dakota | 53, 761 | 24, 370 |
| Tennessee | 2, 958, 574 | 2, 025, 175 |
| Texas | 4, 350, 861 | 2, 687, 430 |
| Virginia | 1, 747, 447 | 1, 143, 974 |
| Washington | 885, 143 | 619, 614 |
| West Virginia | 1, 055, 884 | 685, 631 |
| Other States | 11, 350, 353 | 6, 697, 728 |

| STATE | OATS | |
|---|---|---|
| | *Bushels* | *Cost* |
| United States | 8, 846, 555 | $3, 162, 241 |
| California | 474, 349 | 217, 634 |
| Idaho | 17, 495 | 4, 902 |
| Illinois | 118, 837 | 42, 788 |
| Indiana | 99, 865 | 32, 737 |
| Kansas | 198, 891 | 62, 002 |
| Kentucky | 91, 087 | 36, 301 |
| Maryland | 30, 170 | 15, 721 |
| Michigan | 120, 452 | 40, 507 |
| Minnesota | 713, 872 | 206, 242 |
| Missouri | 139, 985 | 41, 475 |
| Montana | 20, 761 | 5, 483 |
| Nebraska | 157, 444 | 43, 016 |
| New York | 156, 582 | 59, 728 |
| North Carolina | 176, 694 | 65, 674 |
| North Dakota | 13, 725 | 3, 716 |
| Ohio | 379, 444 | 152, 315 |
| Oklahoma | 531, 144 | 221, 975 |
| Oregon | 216, 521 | 86, 832 |
| Pennsylvania | 564, 848 | 224, 343 |
| South Dakota | 17, 932 | 4, 861 |
| Texas | 1, 360, 935 | 447, 930 |
| Utah | 62, 665 | 25, 974 |
| Virginia | 156, 101 | 60, 926 |
| Washington | 444, 608 | 197, 673 |
| West Virginia | 86, 783 | 32, 937 |
| Other States | 2, 495, 365 | 828, 549 |

| STATE | RYE | |
|---|---|---|
| | *Bushels* | *Cost* |
| United States | 7, 703, 000 | $3, 766, 965 |
| Kansas | 2, 559 | 1, 199 |
| Michigan | 31, 547 | 16, 654 |
| Minnesota | 4, 201, 843 | 1, 951, 780 |
| Nebraska | 26, 024 | 10, 787 |
| New York | 678, 302 | 385, 756 |
| Ohio | 18, 656 | 11, 963 |
| Pennsylvania | 33, 084 | 20, 138 |
| Tennessee | 2, 700 | 1, 720 |
| Virginia | 48, 485 | 29, 921 |
| Washington | 11, 797 | 7, 128 |
| Wisconsin | 2, 177, 545 | 1, 042, 591 |
| Other States | 470, 458 | 287, 328 |

| STATE | BARLEY | |
|---|---|---|
| | *Bushels* | *Cost* |
| United States | 5, 645, 124 | $2, 866, 887 |
| California | 2, 842, 635 | 1, 517, 270 |
| Idaho | 55, 083 | 20, 683 |
| Kansas | 21, 479 | 9, 380 |
| Michigan | 18, 316 | 8, 117 |
| Minnesota | 142, 067 | 57, 117 |
| Missouri | 87, 721 | 38, 300 |
| Nebraska | 31, 773 | 12, 280 |
| Oklahoma | 43, 895 | 21, 263 |
| Oregon | 229, 758 | 132, 740 |
| Pennsylvania | 46, 252 | 23, 439 |
| Texas | 90, 589 | 40, 916 |
| Utah | 174, 949 | 82, 817 |
| Virginia | 14, 152 | 7, 687 |
| Washington | 390, 334 | 222, 551 |
| Wisconsin | 84, 968 | 36, 817 |
| Other States | 1, 371, 153 | 635, 510 |

| STATE | BUCKWHEAT | |
|---|---|---|
| | *Bushels* | *Cost* |
| United States | 783, 575 | $506, 315 |
| Indiana | 25, 241 | 19, 035 |
| Maryland | 10, 066 | 9, 456 |
| Michigan | 100, 280 | 62, 115 |
| Minnesota | 19, 705 | 12, 630 |
| Nebraska | 1, 233 | 1, 041 |
| New York | 206, 196 | 124, 603 |
| Ohio | 54, 554 | 29, 783 |
| Pennsylvania | 165, 015 | 96, 616 |
| Virginia | 9, 017 | 6, 443 |
| West Virginia | 11, 903 | 8, 518 |
| Other States | 180, 365 | 136, 075 |

TABLE 9.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 24,771 | 23,985 | 23,843 | 24,008 | 24,144 | 24,647 | 24,858 | 25,720 | 25,172 | 25,754 | 25,343 | 25,031 | 24,751 |
| 1937 | 26,390 | 25,878 | 26,038 | 25,923 | 25,975 | 25,776 | 26,104 | 27,254 | 27,167 | 27,120 | 27,006 | 26,422 | 26,011 |
| 1929 | 27,028 | 25,177 | 26,803 | 27,092 | 26,337 | 26,408 | 26,699 | 25,444 | 27,699 | 28,446 | 28,483 | 28,068 | 27,684 |
| Alabama | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 45 | 46 | 45 | 46 | 46 |
| Arizona | 45 | 43 | 43 | 41 | 45 | 44 | 51 | 44 | 45 | 50 | 44 | 43 | 48 |
| Arkansas | 23 | 21 | 20 | 21 | 23 | 23 | 23 | 23 | 21 | 21 | 27 | 26 | 24 |
| California | 504 | 491 | 484 | 485 | 499 | 513 | 504 | 514 | 514 | 514 | 525 | 505 | 501 |
| Colorado | 424 | 433 | 429 | 431 | 416 | 432 | 417 | 439 | 416 | 425 | 396 | 425 | 429 |
| Delaware | 68 | 64 | 64 | 65 | 67 | 68 | 69 | 72 | 70 | 70 | 70 | 69 | 71 |
| Georgia | 315 | 308 | 302 | 304 | 306 | 319 | 335 | 325 | 325 | 323 | 317 | 309 | 306 |
| Idaho | 158 | 114 | 118 | 134 | 184 | 184 | 183 | 169 | 157 | 140 | 173 | 170 | 172 |
| Illinois | 1,634 | 1,598 | 1,543 | 1,584 | 1,585 | 1,591 | 1,527 | 1,678 | 1,696 | 1,824 | 1,747 | 1,655 | 1,578 |
| Indiana | 1,106 | 1,072 | 1,051 | 1,054 | 1,076 | 1,124 | 1,108 | 1,177 | 1,136 | 1,119 | 1,107 | 1,126 | 1,123 |
| Iowa | 271 | 247 | 254 | 254 | 261 | 289 | 315 | 292 | 278 | 269 | 265 | 265 | 259 |
| Kansas | 2,418 | 2,333 | 2,250 | 2,281 | 2,289 | 2,362 | 2,445 | 2,565 | 2,466 | 2,562 | 2,481 | 2,513 | 2,471 |
| Kentucky | 802 | 789 | 791 | 785 | 787 | 797 | 802 | 862 | 810 | 811 | 795 | 800 | 796 |
| Louisiana | 45 | 48 | 48 | 48 | 48 | 41 | 41 | 41 | 41 | 41 | 48 | 48 | 48 |
| Maine | 11 | 11 | 11 | 11 | 11 | 12 | 11 | 11 | 11 | 12 | 12 | 12 | 11 |
| Maryland | 184 | 177 | 175 | 176 | 175 | 172 | 174 | 194 | 193 | 193 | 193 | 190 | 191 |
| Massachusetts | 35 | 32 | 34 | 33 | 35 | 39 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| Michigan | 604 | 617 | 599 | 597 | 593 | 566 | 593 | 591 | 594 | 622 | 632 | 625 | 624 |
| Minnesota | 2,228 | 2,225 | 2,198 | 2,215 | 2,214 | 2,208 | 2,173 | 2,156 | 2,213 | 2,271 | 2,309 | 2,291 | 2,262 |
| Mississippi | 61 | 51 | 55 | 59 | 63 | 69 | 65 | 66 | 49 | 53 | 52 | 63 | 86 |
| Missouri | 1,743 | 1,703 | 1,682 | 1,690 | 1,659 | 1,698 | 1,712 | 1,924 | 1,763 | 1,801 | 1,794 | 1,768 | 1,722 |
| Montana | 255 | 254 | 250 | 251 | 251 | 260 | 264 | 218 | 235 | 282 | 274 | 266 | 254 |
| Nebraska | 593 | 592 | 588 | 590 | 595 | 587 | 599 | 590 | 585 | 602 | 607 | 601 | 583 |
| New Jersey | 55 | 54 | 53 | 55 | 53 | 54 | 53 | 55 | 56 | 57 | 55 | 57 | 56 |
| New Mexico | 25 | 24 | 24 | 23 | 23 | 23 | 23 | 23 | 24 | 28 | 28 | 28 | 28 |
| New York | 1,873 | 1,753 | 1,824 | 1,768 | 1,780 | 1,899 | 1,831 | 1,915 | 1,893 | 1,984 | 2,028 | 1,926 | 1,870 |
| North Carolina | 682 | 645 | 645 | 647 | 669 | 687 | 703 | 718 | 704 | 708 | 687 | 692 | 681 |
| North Dakota | 257 | 230 | 254 | 225 | 234 | 222 | 250 | 299 | 273 | 321 | 264 | 260 | 247 |
| Ohio | 1,077 | 1,070 | 1,077 | 1,049 | 1,040 | 1,033 | 1,055 | 1,138 | 1,109 | 1,129 | 1,078 | 1,082 | 1,063 |
| Oklahoma | 881 | 828 | 833 | 856 | 848 | 859 | 937 | 909 | 885 | 909 | 918 | 894 | 900 |
| Oregon | 557 | 524 | 532 | 548 | 567 | 580 | 581 | 607 | 586 | 561 | 550 | 534 | 512 |
| Pennsylvania | 730 | 700 | 713 | 714 | 740 | 749 | 750 | 754 | 753 | 727 | 736 | 723 | 700 |
| South Carolina | 72 | 61 | 63 | 65 | 61 | 63 | 74 | 90 | 90 | 81 | 75 | 74 | 70 |
| South Dakota | 46 | 40 | 41 | 47 | 41 | 45 | 43 | 42 | 44 | 51 | 54 | 53 | 47 |
| Tennessee | 901 | 871 | 874 | 883 | 877 | 892 | 892 | 967 | 946 | 936 | 896 | 890 | 892 |
| Texas | 1,620 | 1,566 | 1,570 | 1,619 | 1,595 | 1,609 | 1,720 | 1,723 | 1,621 | 1,641 | 1,561 | 1,599 | 1,614 |
| Utah | 266 | 257 | 249 | 250 | 255 | 265 | 256 | 270 | 291 | 296 | 273 | 271 | 262 |
| Virginia | 666 | 654 | 644 | 648 | 656 | 675 | 674 | 689 | 680 | 678 | 665 | 665 | 667 |
| Washington | 850 | 811 | 829 | 840 | 856 | 919 | 870 | 836 | 866 | 901 | 858 | 790 | 821 |
| West Virginia | 164 | 165 | 167 | 166 | 164 | 160 | 165 | 163 | 165 | 164 | 167 | 168 | 159 |
| Wisconsin | 331 | 319 | 273 | 313 | 322 | 331 | 352 | 341 | 343 | 338 | 343 | 326 | 373 |
| Wyoming | 40 | 38 | 39 | 37 | 36 | 39 | 37 | 40 | 38 | 50 | 50 | 40 | 42 |

TABLE 10.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 2,143 |
| Reporting expenditures for plant and equipment | 1,183 |
| Value of products: | |
| Total for the industry | $649,943,088 |
| Reporting expenditures for plant and equipment | 540,147,432 |
| Expenditures for plant and equipment: | |
| Total for the industry | 6,371,442 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 2,523,483 |
| Expenditures for new machinery and operating equipment | 3,391,969 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 313,739 |
| Expenditures unclassified | 142,251 |

TABLE 11.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $88,004,260 | $127,879,935 |
| Finished products | 22,901,939 | 27,238,047 |
| Materials, supplies, etc | 65,102,321 | 100,641,888 |
| End of year, total | 118,597,761 | 114,912,812 |
| Finished products | 24,812,452 | 25,761,663 |
| Materials, supplies, etc | 93,785,309 | 89,151,149 |
| Value of products for the industry, total | 649,943,088 | 856,310,470 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 641,178,485 | 776,171,556 |
| Value for establishments not reporting inventories | 8,764,603 | 80,138,914 |

TABLE 12.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 2,143 | 4,022 |
| Number of establishments reporting power equipment | 2,123 | 4,022 |
| Prime movers, aggregate: | | |
| Number | 2,172 | 3,521 |
| Horsepower | 228,867 | 308,022 |
| Prime movers, driving generators, total— | | |
| Number | 388 | [1] 3,521 |
| Horsepower | 109,190 | [1] 308,022 |
| Steam engines— | | |
| Number | 100 | [1] 822 |
| Horsepower | 30,848 | [1] 127,598 |
| Steam turbines— | | |
| Number | 22 | [1] 45 |
| Horsepower | 23,772 | [1] 30,152 |
| Diesel and semi-Diesel engines— | | |
| Number | 137 | |
| Horsepower | 32,516 | [1] 985 |
| Other internal-combustion engines [2]— | | [1] 57,447 |
| Number | 38 | |
| Horsepower | 4,547 | |
| Hydroturbines and water wheels— | | |
| Number | 91 | [1] 1,669 |
| Horsepower | 17,507 | [1] 92,825 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 14,749 | |
| Prime movers not driving generators, total— | | |
| Number | 1,784 | |
| Horsepower | 119,677 | |
| Steam engines— | | (3) |
| Number | 244 | |
| Horsepower | 39,048 | |
| Steam turbines— | | |
| Number | 15 | |
| Horsepower | 665 | |
| Prime movers—Continued. | | |
| Prime movers not driving generators—Continued. | | |
| Diesel and semi-Diesel engines— | | |
| Number | 522 | |
| Horsepower | 34,529 | |
| Other internal-combustion engines [2]— | | |
| Number | 313 | |
| Horsepower | 11,785 | (3) |
| Hydroturbines and water wheels— | | |
| Number | 690 | |
| Horsepower | 33,650 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 88,921 | |
| Generators, kilowatt rating, total | 60,338 | 45,083 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 13,079 | |
| Steam turbines, kilowatt rating | 18,564 | |
| Diesel and semi-Diesel engines, kilowatt rating | 17,592 | (3) |
| Other internal-combustion engines,[2] kilowatt rating | 2,827 | |
| Hydroturbines and water wheels, kilowatt rating | 8,276 | |
| Generators, ordinarily idle (included above), kilowatt rating | 11,382 | (4) |
| Electric motors, total: | | |
| Number | 20,054 | 14,328 |
| Horsepower | 386,051 | 366,835 |
| Driven by purchased energy— | | |
| Number | 16,353 | 12,717 |
| Horsepower | 330,764 | 333,434 |
| Driven by energy generated in establishments reporting— | | |
| Number | 3,701 | 1,611 |
| Horsepower | 55,287 | 33,401 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 89,032,925 | (4) |
| Sold | 9,729,044 | (4) |
| Purchased | 598,339,945 | 531,215,721 |

[1] Includes data for prime movers not driving generators.
[2] Gas, gasoline, etc.
[3] Not called for on schedule.
[4] Data not available.

# PREPARED FEEDS (INCLUDING MINERAL) FOR ANIMALS AND FOWLS

[A preliminary report for this industry was issued December 14, 1940]

**Description of the industry.**—This industry embraces establishments primarily engaged in the manufacture of prepared feeds (including mineral) for animals and fowls. Some of these establishments grind all or some of the grain which they use, and others purchase all their materials. At censuses prior to that for 1927 the establishments which ground the grain used were classified in the "Flour and other grain-mill products" industry, and those which purchased all their materials were classified in the "Food preparations, not elsewhere classified" industry. The products consist chiefly of two classes, namely, prepared feeds made chiefly from grain, and prepared feeds made principally of ingredients other than grain, such as alfalfa meal, bone meal, molasses, meat scraps, ground oyster shells, etc. Alfalfa meal is also made for sale as such in some cases. Establishments producing feeds made entirely from grain are classified in the "Flour and other grain-mill products" industry.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1927 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 1,383 | 15,401 | $16,252,988 | $302,640,178 | $401,880,238 | $99,240,060 | 33,689 |
| 1937 | 1,126 | 14,397 | 15,838,679 | 338,505,107 | 415,211,162 | 76,706,055 | (5) |
| 1935 | 942 | 11,606 | 11,068,152 | 230,621,859 | 288,661,804 | 58,039,945 | (5) |
| 1933 | 710 | 8,791 | 7,865,616 | 122,070,363 | 161,343,173 | 39,272,810 | (5) |
| 1931 | 796 | 8,449 | 9,401,528 | 162,733,833 | 209,921,164 | 47,187,331 | (5) |
| 1929 | 750 | 10,223 | 12,821,386 | 327,919,743 | 402,752,534 | 74,832,791 | 16,402 |
| 1927 [7] | 447 | 7,632 | 9,702,954 | 244,675,705 | 299,792,642 | 55,116,937 | 9,010 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule. [6] Data not available.
[7] No comparable data for censuses prior to 1927. (See "Description of the industry," above).

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Alabama | Arizona | Arkansas | California | Colorado | Florida | Georgia | Idaho | Illinois |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 1,383 | 10 | 4 | 11 | 130 | 38 | 15 | 14 | 11 | 55 |
| Proprietors and firm members | 981 | 8 | | | 76 | 13 | 5 | 10 | 5 | 31 |
| Persons reported by manufacturing establishments, total [2] | 24,177 | 364 | 65 | 220 | 2,232 | 460 | 181 | 371 | 57 | 2,246 |
| Salaried officers of corporations [2] | 794 | 13 | 4 | 17 | 67 | 13 | 12 | 15 | | 38 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 2,747 | 41 | 10 | 26 | 230 | 61 | 20 | 35 | 10 | 219 |
| Wage earners (average for the year) [3] | 15,401 | 194 | 49 | 145 | 1,547 | 369 | 142 | 224 | 46 | 1,115 |
| Distribution | 4,761 | 103 | | 32 | 329 | 14 | 5 | 95 | 1 | 864 |
| Construction | 243 | | 2 | | 32 | 3 | | | | |
| Other | 231 | 13 | | | 27 | | 2 | 2 | | 10 |
| Salaries and wages, total [2] | $31,803,464 | $482,334 | $64,841 | $280,785 | $3,405,382 | $396,751 | $144,813 | $345,786 | $42,726 | $3,093,893 |
| Salaried officers [2] | 3,875,937 | 106,525 | 16,080 | 85,966 | 286,533 | 26,765 | 22,515 | 46,676 | | 382,416 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 4,436,823 | 60,388 | 18,078 | 36,699 | 399,061 | 95,967 | 27,212 | 44,765 | 12,038 | 322,937 |
| Wages | 16,252,988 | 166,344 | 30,613 | 110,744 | 2,086,671 | 253,484 | 91,791 | 124,836 | 29,421 | 1,356,091 |
| Distribution | 6,694,642 | 137,252 | | 47,054 | 559,347 | 15,608 | 3,123 | 129,252 | 1,267 | 1,014,053 |
| Construction | 295,114 | | 70 | 322 | 44,871 | 4,927 | | | | |
| Other | 247,960 | 11,825 | | | 28,899 | | 172 | 257 | | 18,396 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 302,640,178 | 4,823,746 | 242,796 | 2,352,312 | 30,300,577 | 2,829,806 | 894,572 | 3,467,029 | 261,802 | 23,378,266 |
| Materials, supplies, and containers | 298,420,369 | 4,790,786 | 222,632 | 2,313,831 | 29,904,039 | 2,718,613 | 849,025 | 3,435,764 | 247,343 | 23,075,405 |
| Fuel | 1,113,775 | 5,295 | 500 | 11,226 | 85,901 | 31,336 | 17,527 | 3,511 | 2,384 | 86,459 |
| Purchased electric energy | 3,030,845 | 27,665 | 19,664 | 27,255 | 310,637 | 79,857 | 28,020 | 27,754 | 12,075 | 212,925 |
| Contract work | 75,189 | | | | | | | | | 3,477 |
| Value of products | 401,880,238 | 5,667,124 | 377,933 | 2,889,302 | 42,188,409 | 4,202,078 | 1,326,496 | 4,312,672 | 376,683 | 33,082,962 |
| Value added by manufacture [4] | 99,240,060 | 843,378 | 135,137 | 536,990 | 11,887,832 | 1,372,272 | 431,924 | 845,643 | 114,881 | 9,704,696 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Indiana | Iowa | Kansas | Kentucky | Louisiana | Maryland | Massachusetts | Michigan | Minnesota | Mississippi |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 48 | 77 | 37 | 9 | 9 | 28 | 24 | 31 | 37 | 6 |
| Proprietors and firm members | 47 | 61 | 29 | 5 | 1 | 14 | 10 | 28 | 22 | 3 |
| Persons reported by manufacturing establishments, total [2] | 591 | 1,219 | 550 | 114 | 352 | 602 | 512 | 247 | 382 | 151 |
| Salaried officers of corporations [2] | 17 | 32 | 17 | 5 | 9 | 17 | 19 | 13 | 23 | 1 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 88 | 90 | 75 | 12 | 18 | 56 | 42 | 36 | 42 | 23 |
| Wage earners (average for the year) [3] | 323 | 433 | 366 | 91 | 261 | 468 | 318 | 162 | 238 | 100 |
| Distribution | 136 | 645 | 83 | 6 | 60 | 58 | 87 | 35 | 76 | 23 |
| Construction | 21 | 10 | 4 | ---------- | 3 | ---------- | 10 | 1 | ---------- | ---------- |
| Other | 6 | 9 | 5 | ---------- | 1 | 3 | 36 | ---------- | 3 | 4 |
| Salaries and wages, total [2] | $710,153 | $1,310,203 | $613,890 | $126,588 | $373,376 | $632,146 | $763,286 | $325,897 | $546,390 | $172,997 |
| Salaried officers [2] | 62,338 | 154,157 | 83,136 | 12,326 | 67,415 | 76,855 | 119,621 | 52,564 | 100,976 | 6,300 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 135,346 | 150,845 | 109,868 | 15,265 | 23,474 | 77,038 | 71,312 | 63,383 | 67,781 | 39,260 |
| Wages | 324,597 | 433,538 | 294,749 | 90,318 | 179,995 | 384,429 | 359,436 | 155,303 | 266,508 | 69,780 |
| Distribution | 151,530 | 543,236 | 116,888 | 8,679 | 100,897 | 89,894 | 162,852 | 53,147 | 109,685 | 52,657 |
| Construction | 29,341 | 19,338 | 5,530 | ---------- | 815 | ---------- | 10,274 | 1,500 | ---------- | ---------- |
| Other | 7,001 | 9,089 | 3,719 | ---------- | 780 | 3,930 | 39,791 | ---------- | 1,440 | 5,000 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 6,657,868 | 5,711,404 | 3,645,141 | 2,062,126 | 2,638,263 | 7,479,884 | 7,330,717 | 1,564,505 | 3,620,805 | 1,800,092 |
| Materials, supplies, and containers | 6,553,976 | 5,575,553 | 3,517,489 | 2,039,180 | 2,571,619 | 7,379,967 | 7,219,847 | 1,517,161 | 3,545,160 | 1,780,570 |
| Fuel | 27,380 | 33,906 | 52,250 | 5,654 | 31,278 | 29,443 | 39,885 | 18,138 | 31,514 | 4,619 |
| Purchased electric energy | 76,512 | 101,945 | 75,402 | 17,292 | 35,366 | 70,474 | 70,985 | 29,206 | 44,131 | 14,903 |
| Contract work | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Value of products | 9,917,586 | 9,042,560 | 5,108,183 | 2,615,865 | 3,687,479 | 9,440,922 | 9,383,769 | 2,537,778 | 5,185,190 | 2,284,931 |
| Value added by manufacture [4] | 3,259,718 | 3,331,156 | 1,463,042 | 553,739 | 1,049,216 | 1,961,038 | 2,053,052 | 973,273 | 1,564,385 | 484,839 |

| ITEM | Missouri | Montana | Nebraska | New Hampshire | New Jersey | New York | North Carolina | Ohio | Oklahoma | Oregon |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 45 | 6 | 24 | 5 | 31 | 123 | 16 | 70 | 25 | 43 |
| Proprietors and firm members | 19 | 2 | 22 | 2 | 30 | 58 | 10 | 29 | 29 | 38 |
| Persons reported by manufacturing establishments, total [2] | 1,026 | 60 | 341 | 89 | 458 | 3,597 | 251 | 1,518 | 375 | 451 |
| Salaried officers of corporations [2] | 50 | ---------- | 5 | 5 | 16 | 122 | 13 | 44 | 8 | 35 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 102 | 7 | 44 | 15 | 73 | 501 | 24 | 168 | 35 | 40 |
| Wage earners (average for the year) [3] | 641 | 50 | 235 | 44 | 301 | 2,242 | 180 | 1,055 | 247 | 279 |
| Distribution | 214 | 3 | 54 | 23 | 65 | 622 | 32 | 215 | 85 | 74 |
| Construction | 1 | ---------- | ---------- | 2 | ---------- | 71 | ---------- | 22 | ---------- | 19 |
| Other | 18 | ---------- | 3 | ---------- | 3 | 39 | 2 | 14 | ---------- | 4 |
| Salaries and wages, total [2] | $1,342,310 | $65,612 | $377,844 | $119,265 | $594,728 | $5,941,570 | $257,857 | $1,993,614 | $393,661 | $606,322 |
| Salaried officers [2] | 163,205 | ---------- | 11,407 | 14,913 | 51,558 | 805,311 | 55,000 | 187,530 | 23,800 | 109,738 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 173,956 | 12,610 | 73,678 | 27,257 | 119,133 | 913,267 | 31,072 | 273,968 | 45,427 | 66,597 |
| Wages | 733,078 | 49,697 | 216,661 | 47,575 | 325,436 | 3,013,973 | 129,569 | 1,110,953 | 215,041 | 310,772 |
| Distribution | 258,268 | 3,305 | 73,997 | 25,530 | 95,249 | 1,090,216 | 40,812 | 381,071 | 109,393 | 100,929 |
| Construction | 1,639 | ---------- | ---------- | 3,990 | ---------- | 73,113 | ---------- | 19,956 | ---------- | 14,108 |
| Other | 12,164 | ---------- | 2,101 | ---------- | 3,352 | 45,690 | 1,404 | 20,136 | ---------- | 4,178 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 13,964,155 | 374,118 | 3,252,199 | 1,529,975 | 4,879,435 | 74,977,513 | 2,257,011 | 17,560,825 | 3,252,184 | 4,874,896 |
| Materials, supplies, and containers | 13,744,596 | 359,398 | 3,157,082 | 1,516,546 | 4,805,102 | 74,344,596 | 2,225,676 | 17,171,653 | 3,190,818 | 4,782,612 |
| Fuel | 44,655 | 6,554 | 37,730 | 707 | 32,911 | 164,945 | 4,079 | 129,577 | 18,416 | 5,551 |
| Purchased electric energy | 174,904 | 8,166 | 57,387 | 12,722 | 41,422 | 434,391 | 27,256 | 259,595 | 42,950 | 62,819 |
| Contract work | ---------- | ---------- | ---------- | ---------- | ---------- | 33,581 | ---------- | ---------- | ---------- | 23,914 |
| Value of products | 20,533,366 | 557,340 | 4,341,159 | 1,909,892 | 6,672,648 | 92,881,744 | 3,129,594 | 24,171,683 | 4,626,374 | 6,144,482 |
| Value added by manufacture [4] | 6,569,211 | 183,222 | 1,088,960 | 379,917 | 1,793,213 | 17,904,231 | 872,583 | 6,610,858 | 1,374,190 | 1,269,586 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Pennsylvania | South Carolina | Tennessee | Texas | Utah | Virginia | Washington | West Virginia | Wisconsin | Other States [5] |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 133 | 10 | 23 | 59 | 12 | 16 | 67 | 3 | 33 | 45 |
| Proprietors and firm members | 162 | 8 | 22 | 61 | 11 | 13 | 30 | 1 | 25 | 41 |
| Persons reported by manufacturing establishments, total [2] | 1,249 | 144 | 854 | 984 | 143 | 239 | 573 | 20 | 282 | 608 |
| Salaried officers of corporations [2] | 39 | 5 | 16 | 33 | 5 | 5 | 17 | 3 | 16 | 25 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 161 | 15 | 116 | 114 | 11 | 28 | 59 | 2 | 28 | 70 |
| Wage earners (average for the year) [3] | 860 | 116 | 570 | 642 | 109 | 189 | 422 | 8 | 176 | 445 |
| Distribution | 174 | 8 | 145 | 170 | 14 | 16 | 62 | 7 | 61 | 65 |
| Construction | 3 | | 5 | 21 | 2 | | 10 | | 1 | |
| Other | 12 | | 2 | 4 | 2 | 1 | 3 | | | 3 |
| Salaries and wages, total [2] | $1,650,746 | $114,304 | $1,005,307 | $1,020,943 | $168,713 | $182,644 | $714,635 | $21,087 | $433,646 | $966,419 |
| Salaried officers [2] | 161,410 | 17,390 | 93,967 | 113,083 | 16,538 | 14,598 | 45,558 | 6,020 | 75,129 | 200,618 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 234,034 | 18,730 | 195,661 | 160,268 | 14,616 | 32,647 | 87,840 | 1,612 | 41,879 | 141,854 |
| Wages | 878,268 | 58,184 | 405,491 | 522,234 | 108,705 | 122,248 | 476,776 | 6,877 | 196,910 | 515,892 |
| Distribution | 357,268 | 20,000 | 300,611 | 197,952 | 24,691 | 10,672 | 77,920 | 6,578 | 118,685 | 105,074 |
| Construction | 4,432 | | 8,239 | 25,657 | 2,728 | | 23,221 | | 1,043 | |
| Other | 15,334 | | 1,338 | 1,749 | 1,435 | 2,479 | 3,320 | | | 2,981 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 14,724,505 | 798,591 | 9,884,585 | 9,573,936 | 2,027,469 | 2,734,798 | 9,000,407 | 80,045 | 2,178,746 | 13,653,074 |
| Materials, supplies, and containers | 14,517,646 | 782,687 | 9,805,879 | 9,408,365 | 1,993,763 | 2,704,054 | 8,887,884 | 78,000 | 2,133,175 | 13,552,877 |
| Fuel | 39,100 | 2,471 | 20,253 | 28,972 | 6,894 | 4,579 | 19,230 | 106 | 14,731 | 14,108 |
| Purchased electric energy | 167,759 | 13,433 | 58,453 | 131,749 | 26,812 | 26,165 | 83,926 | 1,939 | 30,840 | 86,089 |
| Contract work | | | | 4,850 | | | 9,367 | | | |
| Value of products | 18,475,281 | 1,145,529 | 13,218,476 | 12,601,582 | 2,676,087 | 3,461,671 | 11,616,203 | 124,026 | 3,336,813 | 16,628,366 |
| Value added by manufacture [4] | 3,750,776 | 346,938 | 3,333,891 | 3,027,646 | 648,618 | 726,873 | 2,615,796 | 43,981 | 1,158,067 | 2,975,292 |

[1] See GENERAL EXPLANATIONS—Definition of establishment. [2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Connecticut, 6 establishments; Delaware, 6; District of Columbia, 1; Maine, 4; Nevada, 2; New Mexico, 3; Rhode Island, 1; South Dakota, 3; Vermont, 19.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| "Prepared Feeds (Including Mineral) for Animals and Fowls" industry, all products, total value | $401,880,238 | $415,211,162 | $402,752,534 |
| Prepared feeds and alfalfa meal | 344,456,102 | 367,973,846 | 366,672,665 |
| Miscellaneous products | 3,797,279 | | |
| Other products (not classified in this industry) | [1] 41,212,232 | 46,915,445 | 36,079,869 |
| Merchandise (goods bought and sold without processing) | 11,823,287 | | |
| Receipts for contract work | 591,338 | 321,871 | |
| Prepared feeds, etc., total value | 445,425,953 | 482,758,767 | 494,515,693 |
| Made in the industry | 344,456,102 | 367,973,846 | 366,672,665 |
| Made as secondary products in other industries | 100,969,851 | 114,784,921 | 127,843,028 |

[1] Value of flour, corn meal, corn grits, cereal breakfast preparations, and grain offal.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| PRODUCT | 1939 | | | 1937 | 1929 |
|---|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | | |
| Prepared feeds, etc., total value | $344,456,102 | $100,969,851 | $445,425,953 | $482,758,767 | $494,515,693 |
| Prepared feeds: | | | | | |
| Made chiefly from milled grain [1]— | | | | | |
| Tons | 5,384,297 | 999,651 | 6,383,948 | 7,470,946 | 7,353,244 |
| Value | $188,900,929 | $29,868,547 | $218,769,476 | $313,692,377 | $331,220,654 |
| Made chiefly of ingredients other than grain, total value | $139,809,610 | $71,013,790 | $210,823,400 | $161,566,142 | $155,067,763 |
| Dog and cat food— | | | | | |
| Total pounds | 501,102,916 | 230,991,789 | 732,094,705 | 541,117,262 | |
| Total value | $22,331,958 | $11,135,299 | $33,467,257 | $27,687,489 | |
| Canned— | | | | | |
| Pounds | 323,832,860 | 177,544,929 | 501,377,789 | 412,436,254 | |
| Value | $13,175,434 | $9,772,531 | $22,947,965 | $20,317,230 | |
| Dog biscuit— | | | | | |
| Pounds | 59,286,618 | 2,408,998 | 61,695,616 | | |
| Value | $3,887,771 | $119,845 | $4,007,616 | | |
| All other— | | | | 128,681,008 | (2) |
| Pounds | 117,983,438 | 51,037,862 | 169,021,300 | $7,370,259 | |
| Value | $5,268,753 | $1,242,923 | $6,511,676 | | |
| Other [3]— | | | | | |
| Tons | 3,432,672 | 1,839,906 | 5,272,578 | (2) | |
| Value | $117,477,652 | $59,878,491 | $177,356,143 | $133,878,653 | |
| Mineral feeds (minerals only): | | | | | |
| Tons | 301,800 | 5,917 | 307,717 | (2) | |
| Value | $7,714,237 | $35,868 | $7,750,105 | | |
| Alfalfa meal (leaf and stem): | | | | | |
| Tons | 416,157 | 2,969 | 419,126 | 391,173 | 314,074 |
| Value | $8,031,326 | $51,646 | $8,082,972 | $7,500,248 | $8,227,276 |

[1] Feeds made by milling grain and mixing the resultant products with molasses and other materials. This item does not include dry feeds made in the "Flour and other grain-mill products" industry, statistics for which will be found in the report for that industry. [2] Not called for on schedule.
[3] Stock feed made of meat scraps, tankage, etc., by establishments classified in the "Meat packing" industry; stock feed made of cottonseed-mill byproducts, by establishments classified in the "Cottonseed oil, cake, and meal, and linters" industry; stock feed made by establishments in the "Corn sirup, corn sugar, corn oil, and starch" industry; feed for fowls, produced by establishments classified in the "Rice cleaning and polishing" industry; and prepared foods for goldfish, birds, etc.

TABLE 5.—PRINCIPAL PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

[Statistics are given for all States for which separate figures can be published without disclosing, exactly or approximately, the production reported by individual establishments. Certain of the "Other States," however, are more important in the industry than some of the States shown separately]

| STATE | Prepared feeds made chiefly from grain | |
|---|---|---|
| | Tons | Value |
| United States | 6,383,948 | $218,769,476 |
| Arkansas | 13,858 | 346,182 |
| California | 671,034 | 24,777,094 |
| Colorado | 30,839 | 1,090,939 |
| Florida | 20,693 | 606,665 |
| Georgia | 108,930 | 4,031,725 |
| Idaho | 7,620 | 255,193 |
| Illinois | 344,454 | 10,262,127 |
| Indiana | 120,946 | 4,837,162 |
| Iowa | 204,451 | 5,016,303 |
| Kansas | 85,562 | 3,071,188 |
| Kentucky | 54,174 | 1,688,518 |
| Louisiana | 31,937 | 1,238,804 |
| Maryland | 197,201 | 7,080,715 |
| Massachusetts | 180,493 | 6,462,990 |
| Michigan | 34,012 | 1,328,308 |
| Minnesota | 107,710 | 3,103,657 |
| Mississippi | 51,407 | 1,501,257 |
| Missouri | 346,866 | 13,225,323 |
| Montana | 11,911 | 443,654 |
| Nebraska | 79,746 | 3,034,033 |
| New Jersey | 27,208 | 835,921 |
| New Mexico | 368 | 13,585 |
| New York | 1,080,863 | 35,074,752 |
| North Carolina | 109,057 | 4,579,669 |
| Ohio | 477,580 | 16,136,668 |
| Oklahoma | 91,933 | 3,091,873 |
| Oregon | 110,783 | 3,650,734 |
| Pennsylvania | 316,326 | 11,224,639 |
| South Carolina | 16,810 | 668,548 |
| South Dakota | 3,210 | 111,123 |
| Tennessee | 249,135 | 9,169,472 |
| Texas | 230,242 | 7,713,303 |
| Utah | 86,732 | 2,452,867 |
| Virginia | 81,629 | 2,632,157 |
| Washington | 279,948 | 9,131,454 |
| West Virginia | 4,849 | 168,785 |
| Wisconsin | 66,270 | 2,643,383 |
| Other States [1] | 447,161 | 16,068,706 |

| STATE | Prepared feeds made chiefly of ingredients other than grain | |
|---|---|---|
| | Tons | Value |
| United States | 5,272,578 | $177,356,143 |
| Alabama | 45,221 | 1,480,614 |
| Arizona | 9,014 | 346,397 |
| Arkansas | 34,554 | 878,631 |
| California | 292,365 | 10,450,157 |
| Delaware | 3,750 | 141,917 |
| Florida | 17,015 | $419,300 |
| Georgia | 45,302 | 1,643,869 |
| Idaho | 1,358 | 50,532 |
| Illinois | 844,408 | 26,588,181 |
| Indiana | 248,416 | 8,837,340 |
| Iowa | 235,327 | 7,464,594 |
| Kansas | 59,121 | 2,560,336 |
| Kentucky | 40,447 | 1,249,804 |
| Louisiana | 24,199 | 781,502 |
| Maryland | 33,173 | 1,365,727 |
| Massachusetts | 37,133 | 1,703,214 |
| Michigan | 23,653 | 1,029,497 |
| Minnesota | 167,970 | 6,826,049 |
| Mississippi | 18,663 | 517,092 |
| Missouri | 309,733 | 6,794,640 |
| Montana | 1,464 | 34,804 |
| Nebraska | 81,528 | 2,816,385 |
| New Jersey | 138,535 | 4,547,565 |
| New York | 1,303,034 | 44,532,730 |
| North Carolina | 17,703 | 609,577 |
| Ohio | 268,817 | 10,437,458 |
| Oklahoma | 28,195 | 879,198 |
| Oregon | 52,245 | 1,947,959 |
| Pennsylvania | 151,558 | 5,730,597 |
| Rhode Island | 2,345 | 98,697 |
| South Carolina | 9,452 | 287,544 |
| South Dakota | 10,291 | 441,073 |
| Tennessee | 117,396 | 3,848,635 |
| Texas | 228,384 | 6,545,881 |
| Virginia | 61,156 | 2,100,832 |
| Washington | 99,097 | 3,225,853 |
| Wisconsin | 42,869 | 1,532,829 |
| Other States [2] | 167,687 | 6,609,133 |

| STATE | Dog and cat food—canned | |
|---|---|---|
| | Pounds | Value |
| United States | 501,377,789 | $22,947,965 |
| California | 81,766,991 | 3,620,692 |
| Illinois | 139,756,268 | 7,473,423 |
| Indiana | 8,709,424 | 276,430 |
| Kansas | 18,445,108 | 894,529 |
| Massachusetts | 3,983,650 | 157,361 |
| New York | 39,555,771 | 1,394,421 |
| Ohio | 32,562,206 | 922,890 |
| Pennsylvania | 23,866,897 | 1,406,144 |
| Texas | 25,488,885 | 908,020 |
| Washington | 2,224,177 | 96,956 |
| Other States [3] | 125,018,412 | 5,797,099 |

| STATE | Dog and cat food, other than canned, including dog biscuit | |
|---|---|---|
| | Pounds | Value |
| United States | 230,716,916 | $10,519,292 |
| California | 11,352,575 | 726,409 |
| Illinois | 30,638,786 | 793,873 |
| Massachusetts | 16,679,916 | 665,430 |
| Michigan | 11,507,016 | 557,643 |
| Minnesota | 3,442,286 | 185,914 |
| Missouri | 1,127,860 | 37,369 |
| New York | 58,789,643 | 3,192,358 |
| Ohio | 5,911,073 | 278,213 |
| Oregon | 1,031,000 | 42,653 |
| Pennsylvania | 5,575,882 | 220,635 |
| Texas | 654,990 | 28,388 |
| Other States [4] | 84,005,889 | 3,790,407 |

| STATE | Mineral feeds (minerals only) | |
|---|---|---|
| | Tons | Value |
| United States | 307,717 | $7,750,105 |
| California | 19,921 | 179,800 |
| Indiana | 5,321 | 403,723 |
| Iowa | 21,006 | 1,628,148 |
| Minnesota | 1,218 | 53,367 |
| Pennsylvania | 5,736 | 345,053 |
| Texas | 12,757 | 134,221 |
| Washington | 5,669 | 98,010 |
| Other States [5] | 236,089 | 4,907,783 |

| STATE | Alfalfa meal (leaf and stem) | |
|---|---|---|
| | Tons | Value |
| United States | 419,126 | $8,082,972 |
| Arkansas | 5,249 | 104,836 |
| California | 74,919 | 1,599,572 |
| Michigan | 14,727 | 297,085 |
| Missouri | 3,879 | 96,950 |
| Nebraska | 42,787 | 756,115 |
| Ohio | 85,444 | 1,717,952 |
| Oklahoma | 17,055 | 348,171 |
| Texas | 5,441 | 102,497 |
| Washington | 3,879 | 66,666 |
| Other States [6] | 165,746 | 2,993,128 |

[1] Alabama, Arizona, Connecticut, Delaware, District of Columbia, Maine, Nevada, New Hampshire, North Dakota, Vermont, and Wyoming.
[2] Colorado, Connecticut, Maine, Nevada, New Hampshire, New Mexico, North Dakota, Utah, Vermont, West Virginia, and Wyoming.
[3] Arkansas, Colorado, Connecticut, District of Columbia, Florida, Idaho, Iowa, Maryland, Michigan, Minnesota, Missouri, Montana, New Jersey, Oklahoma, Oregon, South Carolina, South Dakota, and Virginia.
[4] Alabama, Arizona, Arkansas, Colorado, Connecticut, Florida, Georgia, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Mississippi, Montana, Nebraska, New Jersey, North Carolina, North Dakota, Oklahoma, South Carolina, Tennessee, Vermont, Virginia, Washington, West Virginia, and Wisconsin.
[5] Arkansas, Colorado, Delaware, Florida, Illinois, Kansas, Louisiana, Maryland, Massachusetts, Michigan, Mississippi, Missouri, Montana, Nebraska, New York, North Dakota, Ohio, Oklahoma, Oregon, South Carolina, South Dakota, Virginia, and Wisconsin.
[6] Arizona, Colorado, Connecticut, Delaware, Florida, Idaho, Indiana, Iowa, Kansas, Kentucky, Massachusetts, Minnesota, Montana, Nevada, New Jersey, New Mexico, New York, North Dakota, Oregon, Pennsylvania, Tennessee, Utah, Wisconsin, and Wyoming.

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 15,401 | 14,483 | 14,425 | 14,671 | 15,174 | 15,502 | 15,957 | 16,101 | 15,809 | 16,271 | 15,823 | 15,372 | 15,220 |
| 1937 | 14,397 | 14,557 | 14,528 | 14,481 | 14,836 | 14,577 | 14,956 | 14,707 | 14,319 | 14,105 | 14,149 | 13,822 | 13,722 |
| 1929 | 10,223 | 10,133 | 10,056 | 10,185 | 10,017 | 10,050 | 10,164 | 9,904 | 10,115 | 10,403 | 10,521 | 10,576 | 10,546 |
| Alabama | 194 | 193 | 189 | 192 | 194 | 202 | 198 | 196 | 194 | 194 | 192 | 191 | 190 |
| Arizona | 49 | 42 | 39 | 36 | 61 | 66 | 74 | 60 | 43 | 38 | 43 | 44 | 45 |
| Arkansas | 145 | 107 | 109 | 117 | 139 | 175 | 192 | 184 | 179 | 147 | 146 | 135 | 114 |
| California | 1,547 | 1,485 | 1,474 | 1,479 | 1,461 | 1,499 | 1,568 | 1,618 | 1,586 | 1,632 | 1,586 | 1,610 | 1,565 |
| Colorado | 369 | 368 | 347 | 261 | 278 | 306 | 524 | 428 | 396 | 387 | 400 | 366 | 368 |
| Connecticut | 91 | 91 | 91 | 93 | 90 | 90 | 90 | 91 | 91 | 91 | 90 | 92 | 91 |
| Delaware | 48 | 43 | 45 | 50 | 50 | 51 | 53 | 50 | 50 | 48 | 46 | 47 | 44 |
| Florida | 142 | 147 | 129 | 136 | 151 | 153 | 154 | 154 | 116 | 135 | 125 | 144 | 164 |
| Georgia | 224 | 216 | 217 | 217 | 225 | 225 | 225 | 228 | 225 | 227 | 232 | 225 | 223 |
| Idaho | 46 | 62 | 49 | 39 | 44 | 53 | 34 | 31 | 41 | 50 | 55 | 50 | 50 |
| Illinois | 1,115 | 1,111 | 1,110 | 1,112 | 1,081 | 1,118 | 1,119 | 1,111 | 1,092 | 1,111 | 1,116 | 1,146 | 1,155 |
| Indiana | 323 | 302 | 299 | 307 | 318 | 320 | 342 | 346 | 343 | 345 | 324 | 318 | 309 |
| Iowa | 433 | 421 | 430 | 415 | 441 | 418 | 419 | 430 | 422 | 466 | 458 | 441 | 438 |
| Kansas | 366 | 245 | 235 | 269 | 441 | 469 | 494 | 475 | 439 | 491 | 327 | 265 | 245 |
| Kentucky | 91 | 85 | 86 | 88 | 92 | 91 | 91 | 95 | 91 | 91 | 90 | 95 | 97 |
| Louisiana | 261 | 268 | 265 | 276 | 262 | 262 | 254 | 252 | 251 | 254 | 266 | 261 | 264 |
| Maine | 18 | 19 | 18 | 17 | 17 | 17 | 18 | 18 | 21 | 20 | 17 | 20 | 19 |
| Maryland | 468 | 461 | 456 | 494 | 567 | 466 | 411 | 455 | 354 | 480 | 533 | 483 | 453 |
| Massachusetts | 318 | 293 | 283 | 306 | 313 | 326 | 320 | 347 | 313 | 335 | 332 | 329 | 314 |
| Michigan | 162 | 143 | 150 | 159 | 144 | 153 | 168 | 180 | 177 | 166 | 171 | 175 | 156 |
| Minnesota | 238 | 216 | 217 | 230 | 257 | 259 | 251 | 247 | 240 | 252 | 230 | 228 | 224 |
| Mississippi | 100 | 87 | 91 | 95 | 99 | 109 | 107 | 104 | 101 | 104 | 98 | 101 | 107 |
| Missouri | 641 | 583 | 586 | 599 | 608 | 616 | 619 | 639 | 651 | 719 | 715 | 668 | 685 |
| Montana | 50 | 37 | 42 | 39 | 36 | 35 | 60 | 75 | 88 | 73 | 40 | 40 | 36 |
| Nebraska | 235 | 182 | 175 | 179 | 178 | 238 | 277 | 271 | 282 | 297 | 289 | 227 | 228 |
| New Hampshire | 44 | 43 | 43 | 43 | 42 | 49 | 49 | 48 | 46 | 47 | 45 | 39 | 37 |
| New Jersey | 301 | 314 | 305 | 306 | 293 | 308 | 290 | 281 | 280 | 300 | 298 | 308 | 330 |
| New Mexico | 19 | 12 | 13 | 14 | 17 | 15 | 26 | 22 | 24 | 27 | 16 | 18 | 21 |
| New York | 2,242 | 2,171 | 2,140 | 2,239 | 2,223 | 2,251 | 2,263 | 2,283 | 2,295 | 2,313 | 2,274 | 2,216 | 2,231 |
| North Carolina | 180 | 173 | 169 | 175 | 175 | 175 | 193 | 184 | 182 | 179 | 177 | 185 | 187 |
| Ohio | 1,055 | 884 | 914 | 895 | 940 | 1,090 | 1,134 | 1,220 | 1,224 | 1,193 | 1,200 | 996 | 971 |
| Oklahoma | 247 | 199 | 210 | 226 | 285 | 275 | 258 | 265 | 264 | 263 | 258 | 226 | 230 |
| Oregon | 279 | 238 | 240 | 255 | 251 | 247 | 268 | 355 | 352 | 323 | 288 | 271 | 260 |
| Pennsylvania | 860 | 797 | 802 | 826 | 853 | 861 | 900 | 901 | 909 | 914 | 857 | 854 | 844 |
| South Carolina | 116 | 123 | 107 | 96 | 99 | 102 | 126 | 126 | 110 | 109 | 132 | 129 | 130 |
| South Dakota | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 |
| Tennessee | 570 | 554 | 564 | 570 | 580 | 575 | 563 | 569 | 556 | 589 | 569 | 574 | 581 |
| Texas | 642 | 640 | 652 | 649 | 665 | 666 | 650 | 621 | 594 | 636 | 633 | 652 | 643 |
| Utah | 109 | 94 | 101 | 101 | 102 | 103 | 123 | 116 | 115 | 113 | 108 | 112 | 120 |
| Vermont | 250 | 240 | 234 | 248 | 259 | 249 | 248 | 248 | 250 | 256 | 256 | 256 | 256 |
| Virginia | 189 | 187 | 193 | 207 | 228 | 198 | 185 | 177 | 182 | 174 | 174 | 186 | 175 |
| Washington | 422 | 402 | 403 | 409 | 411 | 420 | 420 | 403 | 438 | 472 | 421 | 451 | 412 |
| West Virginia | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 |
| Wisconsin | 176 | 178 | 176 | 179 | 176 | 174 | 172 | 171 | 176 | 184 | 169 | 171 | 181 |

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 1,383 |
| Reporting expenditures for plant and equipment | 764 |
| Value of products: | |
| Total for the industry | $401,880,238 |
| Reporting expenditures for plant and equipment | 299,661,364 |
| Expenditures for plant and equipment: | |
| Total for the industry | 4,809,748 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 1,816,791 |
| Expenditures for new machinery and operating equipment | 2,625,948 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 351,708 |
| Expenditures unclassified | 15,301 |

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $32,804,701 | $31,451,612 |
| Finished products | 11,974,583 | 9,217,634 |
| Materials, supplies, etc | 20,830,118 | 22,233,978 |
| End of year, total | 40,138,025 | 25,941,058 |
| Finished products | 13,862,356 | 8,623,450 |
| Materials, supplies, etc | 26,275,669 | 17,317,608 |
| Value of products for the industry, total | 401,880,238 | 415,211,162 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 393,523,504 | 359,697,097 |
| Value for establishments not reporting inventories | 8,356,734 | 55,514,065 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 1,383 | 750 |
| Number of establishments reporting power equipment | 1,364 | 750 |
| Prime movers, aggregate: | | |
| Number | 430 | 210 |
| Horsepower | 33,689 | 16,402 |
| Prime movers, driving generators, total: | | |
| Number | 63 | [1] 210 |
| Horsepower | 10,361 | [1] 16,402 |
| Steam engines— | | |
| Number | 10 | [1] 79 |
| Horsepower | 2,381 | [1] 8,713 |
| Steam turbines— | | |
| Number | 6 | [1] 2 |
| Horsepower | 688 | [1] 105 |
| Diesel and semi-Diesel engines— | | |
| Number | 28 | [1] 65 |
| Horsepower | 4,374 | [1] 5,283 |
| Other internal-combustion engines [2]— | | |
| Number | 13 | |
| Horsepower | 1,854 | |
| Hydroturbines and water wheels— | | |
| Number | 6 | [1] 64 |
| Horsepower | 1,064 | [1] 2,301 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 72 | (3) |
| Prime movers not driving generators, total— | | |
| Number | 367 | |
| Horsepower | 23,328 | |
| Steam engines— | | |
| Number | 61 | |
| Horsepower | 5,434 | |
| Steam turbines— | | |
| Number | 1 | |
| Horsepower | 200 | |
| Diesel and semi-Diesel engines— | | |
| Number | 103 | |
| Horsepower | 9,034 | |
| Prime movers—Continued. | | |
| Prime movers not driving generators—Continued. | | |
| Other internal-combustion engines [2]— | | |
| Number | 106 | (3) |
| Horsepower | 4,849 | |
| Hydroturbines and water wheels— | | |
| Number | 96 | |
| Horsepower | 3,811 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 1,260 | |
| Generators, kilowatt rating, total | 7,401 | 1,718 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 1,460 | (3) |
| Steam turbines, kilowatt rating | 500 | |
| Diesel and semi-Diesel engines, kilowatt rating | 3,082 | |
| Other internal-combustion engines, [2] kilowatt rating | 1,459 | |
| Hydroturbines and water wheels, kilowatt rating | 900 | |
| Generators, ordinarily idle (included above), kilowatt rating | 23 | (4) |
| Electric motors, total: | | |
| Number | 17,737 | 8,468 |
| Horsepower | 251,274 | 157,684 |
| Driven by purchased energy— | | |
| Number | 16,842 | 8,193 |
| Horsepower | 240,602 | 154,080 |
| Driven by energy generated in establishments reporting— | | |
| Number | 895 | 275 |
| Horsepower | 10,672 | 3,604 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 7,184,236 | (4) |
| Sold | 278,594 | (3) |
| Purchased | 184,149,477 | 115,993,089 |

[1] Includes data for prime movers not driving generators
[2] Gas, gasoline, etc.
[3] Not called for on schedule.
[4] Data not available.

# CEREAL PREPARATIONS

[A preliminary report for this industry was issued December 13, 1940]

**Description of the industry.**—This industry embraces establishments primarily engaged in the manufacture of cereal preparations, such as cereal-breakfast foods, coffee substitutes, and corn grits for human consumption, made wholly or chiefly from wheat, corn, oats, or other grains. Some of these establishments mill all or part of the grain which they use, and others purchase all their materials. Cracked grain is not classified in this industry, but is included in the "Flour and other grain-mill products" industry.

**Statistics for prior census years.**—No statistics, other than those for products, are available for years prior to 1937 for the "Cereal preparations" industry. A special tabulation was made of the reports for 1937 in order to obtain figures comparable with those for 1939.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937[1]

| CENSUS YEAR | Number of establishments [2] | Wage earners (average for the year) [3] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 70 | 7,458 | $9,856,757 | $58,033,997 | $128,382,565 | $70,348,568 | 16,551 |
| 1937 | 71 | 7,725 | 10,419,454 | 85,180,851 | 150,861,177 | 65,680,326 | (5) |

[1] Revised by excluding data for prepared flour establishments. See "Blended and prepared flour made from purchased flour," p. 155.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY GROUPS OF STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | New Jersey, New York, and Pennsylvania | Illinois, Michigan, and Ohio | Iowa, Kansas, Minnesota, Missouri, Nebraska, and North Dakota | California, Oregon, and Washington | Other States [1] |
|---|---|---|---|---|---|---|
| Number of establishments [2] | 70 | 12 | 10 | 23 | 17 | 8 |
| Proprietors and firm members | 28 | 1 | ---------- | 12 | 15 | ---------- |
| Persons reported by manufacturing establishments, total [3] | 9,033 | 1,236 | 4,639 | 2,808 | 293 | 58 |
| Salaried officers of corporations [3] | 52 | 9 | 17 | 15 | 7 | 4 |
| Manufacturing: | | | | | | |
| Salaried employees [3] | 959 | 68 | 553 | 289 | 40 | 9 |
| Wage earners (average for the year) [4] | 7,458 | 1,080 | 3,785 | 2,349 | 214 | 31 |
| Distribution | 410 | 54 | 172 | 139 | 31 | 14 |
| Construction | 28 | 5 | 13 | 10 | ---------- | ---------- |
| Other | 126 | 20 | 99 | 6 | 1 | ---------- |
| Salaries and wages, total [3] | $13,647,250 | $1,640,668 | $7,737,546 | $3,745,477 | $430,780 | $92,779 |
| Salaried officers [3] | 574,566 | 101,966 | 217,342 | 205,610 | 19,335 | 30,313 |
| Manufacturing: | | | | | | |
| Salaries [3] | 2,205,024 | 167,802 | 1,342,823 | 596,038 | 83,673 | 14,688 |
| Wages | 9,856,757 | 1,217,554 | 5,651,463 | 2,670,381 | 295,192 | 22,167 |
| Distribution | 770,947 | 117,213 | 351,967 | 244,505 | 31,651 | 25,611 |
| Construction | 36,243 | 9,500 | 5,775 | 20,968 | ---------- | ---------- |
| Other | 203,713 | 26,633 | 168,176 | 7,975 | 929 | ---------- |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 58,033,997 | 3,845,694 | 29,813,928 | 22,519,949 | 1,737,396 | 117,030 |
| Materials, supplies, and containers | 56,156,793 | 3,632,969 | 28,780,958 | 21,934,097 | 1,699,331 | 109,438 |
| Fuel | 995,859 | 146,649 | 620,783 | 208,538 | 15,969 | 3,920 |
| Purchased electric energy | 881,345 | 66,076 | 412,187 | 377,314 | 22,096 | 3,672 |
| Contract work | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Value of products | 128,382,565 | 13,060,850 | 69,982,781 | 40,015,778 | 4,930,305 | 392,851 |
| Value added by manufacture [5] | 70,348,568 | 9,215,156 | 40,168,853 | 17,495,829 | 3,192,909 | 275,821 |

[1] Louisiana, 1 establishment; Maryland, 1; Massachusetts, 2; North Carolina, 1; Texas, 1; Utah, 1; Vermont, 1.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, and purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS, FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Cereal Preparations industry, all products, total value | $128,382,565 | $150,861,177 |
| Cereal preparations and corn grits for food | 101,449,479 | 109,807,261 |
| Miscellaneous products | [1] 1,014,908 | 4,982,991 |
| Other products (not classified in this industry) | [2] 25,918,178 | 36,070,925 |
| Cereal preparations, etc., total value | 111,977,730 | 119,736,037 |
| Cereal preparations, etc., made in the industry | 101,449,479 | 109,807,261 |
| Cereal preparations, etc., made as secondary products in other industries | 10,528,251 | 9,928,776 |

[1] Includes small amount of merchandise (goods bought and sold without processing) and receipts for contract work.
[2] Value of flour, corn meal, corn grits and flakes for brewers' use, pearl barley, grain offals, and prepared feeds for animals and fowls, including dog and cat food.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

| PRODUCT | 1939 | | | 1937 |
|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | |
| Total value | $101,449,479 | $10,528,251 | $111,977,730 | $119,736,037 |
| Breakfast foods: | | | | |
| Total pounds | 1,126,234,772 | 162,381,066 | 1,288,615,838 | 1,215,744,792 |
| Total value | $96,633,694 | $6,837,895 | $103,471,589 | $111,215,499 |
| Ready to serve: | | | | |
| Pounds | 566,057,099 | 10,436,220 | 576,493,319 | 535,542,948 |
| Value | $65,822,535 | $1,242,546 | $67,065,081 | $72,906,120 |
| To be cooked before serving: | | | | |
| Pounds | 560,177,673 | 151,944,846 | 712,122,519 | 680,201,844 |
| Value | $30,811,159 | $5,595,349 | $36,406,508 | $38,309,379 |
| Made from wheat: | | | | |
| Total pounds | 373,143,663 | 79,848,130 | 452,991,793 | 446,494,911 |
| Total value | $44,680,756 | $3,447,636 | $48,128,392 | $52,412,368 |
| Ready to serve: | | | | |
| Pounds | 295,412,996 | 4,126,209 | 299,539,205 | 297,333,882 |
| Value | $37,315,637 | $349,602 | $37,665,239 | $40,834,093 |
| To be cooked before serving: | | | | |
| Pounds | 77,730,667 | 75,721,921 | 153,452,588 | 149,161,029 |
| Value | $7,365,119 | $3,098,034 | $10,463,153 | $11,578,275 |
| Made from oats and corn: | | | | |
| Total pounds | 700,367,004 | 79,594,486 | 779,961,490 | 713,501,275 |
| Total value | $43,271,338 | $2,801,290 | $46,072,628 | $49,352,273 |
| Oats: | | | | |
| Pounds | 471,935,109 | 57,737,290 | 529,672,399 | 505,895,522 |
| Value | $22,902,045 | $1,930,531 | $24,832,576 | $25,246,305 |
| Corn: | | | | |
| Pounds | 228,431,895 | 21,857,196 | 250,289,091 | 207,605,753 |
| Value | $20,369,293 | $870,759 | $21,240,052 | $24,105,968 |
| Oats and corn: | | | | |
| Ready to serve: | | | | |
| Pounds | (1) | (1) | 231,095,091 | 205,597,645 |
| Value | (1) | (1) | $20,637,042 | $23,995,281 |
| To be cooked before serving: | | | | |
| Pounds | (1) | (1) | 548,866,399 | 507,903,630 |
| Value | (1) | (1) | $25,435,586 | $25,356,992 |
| Made from other grains and from mixed grains: | | | | |
| Total pounds | 52,724,105 | 2,938,450 | 55,662,555 | 55,748,606 |
| Total value | $8,681,600 | $588,969 | $9,270,569 | $9,450,858 |
| Ready to serve: | | | | |
| Pounds | (1) | (1) | 45,859,023 | 32,611,421 |
| Value | (1) | (1) | $8,762,800 | $8,076,746 |
| To be cooked before serving: | | | | |
| Pounds | (1) | (1) | 9,803,532 | 23,137,185 |
| Value | (1) | (1) | $507,769 | $1,374,112 |
| Corn grits and hominy for human consumption: | | | | |
| Pounds | (1) | (1) | 227,477,645 | 155,953,277 |
| Value | (1) | (1) | $3,520,260 | $3,870,186 |
| Other cereal preparations, including coffee substitutes, value | (1) | (1) | $4,985,881 | $4,650,352 |

[1] Figures withheld to avoid disclosing, exactly or approximately, data reported by individual establishments.

TABLE 5.—PRINCIPAL PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY GROUPS OF STATES: 1939

| STATES | Breakfast foods made from wheat | |
|---|---|---|
| | *Pounds* | *Value* |
| United States | 452,991,793 | $48,128,392 |
| Groups of States: | | |
| Ariz., Colo., Idaho, Mont., Nev., Utah, Wyo. | 1,330,302 | 39,596 |
| Calif., Oreg., Wash. | 25,808,063 | 2,944,963 |
| Ill., Ind., Mich., Ohio, Wis. | 229,350,407 | 25,167,112 |
| Iowa, Kans., Minn., Mo., Nebr., N. Dak., S. Dak. | 100,089,992 | 9,275,819 |
| N. J., N. Y., Pa. | 89,073,960 | 10,290,083 |
| Other States (Ga., Md., Mass., N. C., Okla., Tenn., Tex., Vt.) | 7,339,069 | 410,819 |
| | **Breakfast foods made from corn and oats** | |
| | *Pounds* | *Value* |
| United States | 779,961,490 | $46,072,628 |
| Groups of States: | | |
| Calif., Oreg., Wash. | 45,938,851 | 1,759,119 |
| Ill., Ind., Mich., Ohio, Wis. | 343,382,414 | 25,072,587 |
| Iowa, Minn., Mo., Nebr., N. Dak. | 358,635,728 | 17,378,433 |
| N. Y., Pa. | 26,280,497 | 1,722,187 |
| Other States (Mass., Mont., Tex., Tenn., Utah) | 5,724,000 | 140,302 |

TABLE 5.—PRINCIPAL PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY GROUPS OF STATES: 1939—Continued

| STATES | Breakfast foods made from other grains and from mixed grains | |
|---|---|---|
| | *Pounds* | *Value* |
| United States (Calif., Ill., Ind., Iowa, Kans., La., Md., Mich., Minn., Mo., Nebr., N. Dak., Ohio, Oreg., Pa., Tex., Wash.) | 55,662,555 | $9,270,569 |
| | **Corn grits and hominy for human consumption** | |
| | *Pounds* | *Value* |
| United States | 227,477,045 | $3,520,260 |
| Groups of States: | | |
| Ala., Ky., Miss., Tenn. | 38,761,716 | 673,322 |
| Ill., Ind., Wis. | 154,119,887 | 2,228,172 |
| Iowa, Minn., Mo., Nebr. | 8,936,140 | 148,546 |
| Other States (Fla., Ga., La., Maine, Md., N. Y., N. C., S. C., Tex., Va., W. Va.) | 25,659,902 | 470,220 |

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 7,458 | 6,951 | 6,965 | 7,056 | 7,158 | 7,556 | 7,724 | 7,930 | 7,870 | 8,821 | 7,842 | 6,655 | 6,969 |
| 1937 | 7,725 | 7,312 | 7,921 | 7,970 | 8,068 | 8,036 | 8,025 | 8,022 | 8,275 | 8,049 | 7,681 | 6,941 | 6,398 |
| California | 110 | 103 | 102 | 102 | 106 | 114 | 119 | 116 | 117 | 114 | 117 | 109 | 105 |
| Illinois | 577 | 677 | 542 | 658 | 434 | 525 | 525 | 539 | 576 | 554 | 636 | 576 | 678 |
| Iowa | 1,154 | 1,101 | 1,100 | 1,082 | 1,081 | 1,079 | 1,070 | 1,090 | 1,100 | 1,592 | 1,275 | 1,089 | 1,189 |
| Michigan | 2,699 | 2,424 | 2,496 | 2,489 | 2,783 | 2,921 | 2,943 | 3,042 | 2,971 | 2,986 | 2,701 | 2,283 | 2,349 |
| Minnesota | 308 | 247 | 298 | 332 | 301 | 286 | 323 | 327 | 317 | 354 | 351 | 290 | 271 |
| Missouri | 629 | 581 | 563 | 588 | 594 | 623 | 628 | 666 | 691 | 837 | 740 | 489 | 545 |
| New York | 809 | 690 | 759 | 702 | 785 | 925 | 877 | 908 | 841 | 992 | 759 | 717 | 757 |
| Pennsylvania | 207 | 165 | 168 | 174 | 176 | 218 | 286 | 279 | 271 | 222 | 248 | 127 | 150 |
| Washington | 15 | 18 | 13 | 13 | 15 | 11 | 13 | 11 | 9 | 16 | 19 | 19 | 23 |

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 70 |
| Reporting expenditures for plant and equipment | 37 |
| Value of products: | |
| Total for the industry | $128,382,565 |
| Reporting expenditures for plant and equipment | 116,060,960 |
| Expenditures for plant and equipment: | |
| Total for the industry | 2,095,247 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 182,796 |
| Expenditures for new machinery and operating equipment | 1,903,203 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 9,248 |

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $10,674,415 | $16,335,729 |
| Finished products | 1,909,009 | 2,316,336 |
| Materials, supplies, etc | 8,765,406 | 14,019,393 |
| End of year, total | 15,739,917 | 13,336,817 |
| Finished products | 2,420,742 | 2,455,507 |
| Materials, supplies, etc | 13,319,175 | 10,881,310 |
| Value of products for the industry, total | 128,382,565 | 150,861,177 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 128,308,692 | 149,256,552 |
| Value for establishments not reporting inventories | 73,873 | 1,604,625 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 [1]

| | 1939 |
|---|---|
| Number of establishments | 70 |
| Number of establishments reporting power equipment | 69 |
| Prime movers, aggregate: | |
| Number | 32 |
| Horsepower | 16,551 |
| Prime movers, driving generators, total— | |
| Number | 14 |
| Horsepower | 15,461 |
| Steam engines— | |
| Number | 3 |
| Horsepower | 2,157 |
| Steam turbines— | |
| Number | 6 |
| Horsepower | 12,679 |
| Diesel and semi-Diesel engines— | |
| Number | 3 |
| Horsepower | 450 |
| Other internal-combustion engines [2]— | |
| Number | 2 |
| Horsepower | 175 |
| Prime movers not driving generators, total— | |
| Number | 18 |
| Horsepower | 1,090 |
| Steam engines— | |
| Number | 9 |
| Horsepower | 539 |
| Steam turbines— | |
| Number | 8 |
| Horsepower | 521 |
| Prime movers—Continued. | |
| Prime movers not driving generators—Continued. | |
| Hydroturbines and water wheels— | |
| Number | 1 |
| Horsepower | 30 |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 116 |
| Generators, kilowatt rating, total | 10,858 |
| Generators, driven by— | |
| Steam engines, kilowatt rating | 1,438 |
| Steam turbines, kilowatt rating | 9,125 |
| Diesel and semi-Diesel engines, kilowatt rating | 165 |
| Other internal-combustion engines,[2] kilowatt rating | 130 |
| Electric motors, total: | |
| Number | 9,856 |
| Horsepower | 79,731 |
| Driven by purchased energy— | |
| Number | 7,411 |
| Horsepower | 60,508 |
| Driven by energy generated in establishments reporting— | |
| Number | 2,445 |
| Horsepower | 19,223 |
| Electric energy (kilowatt-hours): | |
| Generated in plant | 27,580,823 |
| Sold | 1,752,670 |
| Purchased | 91,478,344 |

[1] Comparable data for 1929 not available.

[2] Gas, gasoline, etc.

# RICE CLEANING AND POLISHING

[A preliminary report for this industry was issued October 23, 1940]

**Description of the industry.**—The establishments classified in this industry are those engaged in cleaning and polishing rice after it comes from the thresher. The rough rice is cleaned, the outer shell or hull and the inner cuticle or bran are removed, and the grain is scoured, polished, and graded and in most cases given a coat of glucose and talc. The lustrous appearance of the finished product is imparted by the coating, not by the polishing, which really is only the last step in the scouring process.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1899 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 72 | 2,346 | $1,533,096 | $33,802,651 | $42,363,349 | $8,560,698 | 18,563 |
| 1937 | 61 | 2,218 | 1,356,041 | 38,815,980 | 46,852,756 | 8,036,776 | (5) |
| 1935 | 68 | 2,025 | 1,312,421 | 34,214,400 | 44,113,413 | 9,899,013 | (6) |
| 1933 | 50 | 1,636 | 1,022,285 | 22,606,668 | 30,683,380 | 7,986,712 | (5) |
| 1931 | 55 | 1,503 | 1,276,166 | 31,812,904 | 40,359,686 | 8,546,782 | (5) |
| 1929 | 60 | 1,589 | 1,448,594 | 38,443,529 | 48,793,777 | 10,350,248 | 14,870 |
| 1927 | 60 | 1,524 | 1,546,315 | 46,480,679 | 54,129,646 | 7,648,967 | 16,182 |
| 1925 | 63 | 1,296 | 1,098,124 | 45,847,273 | 53,497,857 | 7,650,584 | 15,373 |
| 1923 | 69 | 1,764 | 1,378,899 | 40,212,670 | 47,068,246 | 6,855,576 | 15,609 |
| 1921 | 76 | 1,940 | 1,706,986 | 34,178,609 | 41,213,472 | 7,034,863 | (5) |
| 1919 | 86 | 2,113 | 1,932,196 | 76,633,816 | 90,038,412 | 13,404,596 | 19,578 |
| 1914 | 59 | 1,253 | 645,863 | 20,615,860 | 23,039,294 | 2,423,434 | 14,009 |
| 1909 | 71 | 1,239 | 563,538 | 19,501,080 | 22,371,457 | 2,870,377 | 18,404 |
| 1904 | 74 | 1,492 | 640,632 | 13,315,065 | 16,296,916 | 2,981,851 | 15,774 |
| 1899 | 80 | 651 | 265,585 | 7,575,522 | 8,723,726 | 1,148,204 | 7,266 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Arkansas, Missouri, and Tennessee [1] | California | Louisiana | Texas |
|---|---|---|---|---|---|
| Number of establishments [2] | 72 | 13 | 6 | 40 | 13 |
| Proprietors and firm members | 28 | 4 | 3 | 17 | 4 |
| Persons reported by manufacturing establishments, total [3] | 3,218 | 611 | 251 | 1,539 | 817 |
| Salaried officers of corporations [3] | 83 | 13 | 7 | 36 | 27 |
| Manufacturing: | | | | | |
| Salaried employees [3] | 509 | 100 | 49 | 218 | 142 |
| Wage earners (average for the year) [4] | 2,346 | 448 | 179 | 1,158 | 561 |
| Distribution | 213 | 31 | 9 | 107 | 66 |
| Construction | 13 | 3 | 2 | 5 | 3 |
| Other | 54 | 16 | 5 | 15 | 18 |

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | United States | Arkansas, Missouri, and Tennessee [1] | California | Louisiana | Texas |
|---|---|---|---|---|---|
| Salaries and wages, total [3] | $3,094,104 | $512,808 | $432,098 | $1,160,270 | $988,928 |
| Salaried officers [3] | 323,647 | 50,907 | 49,636 | 90,680 | 132,424 |
| Manufacturing: | | | | | |
| Salaries [3] | 828,704 | 161,305 | 113,900 | 317,150 | 236,349 |
| Wages | 1,533,096 | 242,685 | 222,231 | 591,954 | 476,226 |
| Distribution | 326,237 | 40,988 | 32,874 | 134,584 | 117,791 |
| Construction | 20,579 | 7,306 | 3,300 | 6,684 | 3,289 |
| Other | 61,841 | 9,617 | 10,157 | 19,218 | 22,849 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 33,802,651 | 5,288,599 | 4,911,245 | 13,970,321 | 9,632,486 |
| Materials, supplies, and containers | 33,625,771 | 5,267,494 | 4,849,715 | 13,901,801 | 9,606,761 |
| Fuel | 42,911 | 2,771 | 140 | 28,688 | 11,312 |
| Purchased electric energy | 133,699 | 18,334 | 61,390 | 39,562 | 14,413 |
| Contract work | 270 | ---------- | ---------- | 270 | ---------- |
| Value of products | 42,363,349 | 6,825,680 | 6,366,224 | 17,296,826 | 11,874,619 |
| Value added by manufacture [5] | 8,560,698 | 1,537,081 | 1,454,979 | 3,326,505 | 2,242,133 |

[1] Combined to avoid disclosing data for individual establishments. Arkansas, 11 establishments; Missouri, 1; Tennessee, 1.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| PRODUCT | 1939 | 1937 | 1929 |
|---|---|---|---|
| Total value | $42,363,349 | $46,852,756 | $48,793,777 |
| Clean rice: | | | |
| Total pounds | 1,488,301,707 | 1,305,093,771 | 1,243,071,233 |
| Total value | $39,614,793 | $43,414,104 | $46,087,526 |
| Whole-grain grades— | | | |
| Total pounds | 1,185,012,920 | 1,018,599,275 | 1,006,259,760 |
| Total value | $33,672,695 | $36,435,222 | $39,560,579 |
| Polished— | | | |
| Pounds | 1,178,759,730 | 1,009,342,472 | 985,516,604 |
| Value | $33,519,885 | $36,128,599 | $38,803,911 |
| Brown— | | | |
| Pounds | 6,253,190 | 9,256,803 | 20,743,156 |
| Value | $152,810 | $306,623 | $756,668 |
| Second-head— | | | |
| Pounds | 95,779,425 | 75,913,449 | 73,020,377 |
| Value | $2,097,326 | $1,983,506 | $2,202,989 |
| Screenings— | | | |
| Pounds | 116,044,668 | 100,657,440 | 118,060,799 |
| Value | $2,217,222 | $2,403,596 | $3,001,331 |
| Brewers'— | | | |
| Pounds | 91,464,694 | 109,923,607 | 45,730,297 |
| Value | $1,627,550 | $2,591,780 | $1,322,627 |
| Polish: | | | |
| Pounds | 36,310,073 | 32,905,377 | 34,375,446 |
| Value | $389,701 | $499,709 | $513,427 |
| Bran: | | | |
| Pounds | 207,765,508 | 180,875,320 | 143,381 236 |
| Value | $1,666,833 | $2,182,560 | $1,653,025 |
| Other products (poultry feed, rice flour, hulls, etc.), value | $692,022 | $756,383 | $539,799 |

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

| STATE | Clean rice | |
|---|---|---|
| | *Pounds* | *Value* |
| United States | 1,488,301,707 | $39,614,793 |
| Arkansas, Missouri, and Tennessee [1] | 257,666,106 | 6,433,962 |
| California | 209,546,097 | 5,748,337 |
| Louisiana | 608,041,244 | 16,177,342 |
| Texas | 413,048,260 | 11,255,152 |
| | **Polish** | |
| | *Pounds* | *Value* |
| United States | 36,310,073 | $389,701 |
| Arkansas, Missouri, and Tennessee [1] | 6,391,300 | 63,455 |
| California | 4,965,553 | 53,127 |
| Louisiana | 16,312,720 | 178,649 |
| Texas | 8,640,500 | 94,470 |
| | **Bran** | |
| | *Pounds* | *Value* |
| United States | 207,765,508 | $1,666,833 |
| Arkansas, Missouri, and Tennessee [1] | 34,356,500 | 271,575 |
| California | 25,210,038 | 257,245 |
| Louisiana | 93,134,170 | 677,316 |
| Texas | 55,064,800 | 460,697 |

[1] Figures combined to avoid disclosing data for individual establishments.

TABLE 5.—PRODUCTS OF MERCHANT MILLING AND OF CUSTOM MILLING, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

| PRODUCTS | TOTAL | | MERCHANT MILLING | | CUSTOM MILLING | |
|---|---|---|---|---|---|---|
| | 1939 | 1937 | 1939 | 1937 | 1939 | 1937 |
| Total value | $42,363,349 | $46,852,756 | $42,102,354 | $46,288,651 | $260,995 | $564,105 |
| Clean rice: | | | | | | |
| Pounds | 1,488,301,707 | 1,305,093,771 | 1,478,593,507 | 1,285,856,506 | 9,708,200 | 19,237,265 |
| Value | $39,614,793 | $43,414,104 | $39,353,798 | $42,849,999 | $260,995 | $564,105 |

TABLE 5.—PRODUCTS OF MERCHANT MILLING AND OF CUSTOM MILLING, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939 AND 1937—Continued

| PRODUCTS | TOTAL | | MERCHANT MILLING | | CUSTOM MILLING | |
|---|---|---|---|---|---|---|
| | 1939 | 1937 | 1939 | 1937 | 1939 | 1937 |
| Polish: | | | | | | |
| Pounds | 36,310,073 | 32,905,377 | [1] 36,310,073 | [1] 32,905,377 | (1) | (1) |
| Value | $389,701 | $499,709 | [1] $389,701 | [1] $499,709 | (1) | (1) |
| Bran: | | | | | | |
| Pounds | 207,765,508 | 180,875,320 | [1] 207,765,508 | [1] 180,875,320 | (1) | (1) |
| Value | $1,666,833 | $2,182,560 | [1] $1,666,833 | [1] $2,182,560 | (1) | (1) |
| Other products, value | $692,022 | $756,383 | [1] $692,022 | [1] $756,383 | (1) | (1) |

[1] Data for small quantities of custom-milled products included under "Merchant milling" to avoid disclosing production of individual establishments.

TABLE 6.—RICE MILLED, BY TYPE AND QUANTITY: 1939

[Bushel, 45 pounds]

| | 1939 |
|---|---|
| Rough rice, domestic,[1] total bushels | 48,092,960 |
| Long-grain rice, total | 10,470,295 |
| Nira | 1,993,033 |
| Fortuna | 1,204,620 |
| Rexoro or Patna | 5,207,388 |
| Other (Edith, Lady Wright, etc.) | 2,065,254 |
| Short-grain rice, total | 30,486,676 |
| Blue Rose | 22,771,239 |
| Early Prolific | 7,704,110 |
| Other short-grain rice | 11,327 |
| Round-grain rice (Japan type) | 7,135,989 |

[1] No foreign rough rice reported.

TABLE 7.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 2,346 | 2,338 | 2,498 | 2,094 | 2,032 | 2,143 | 2,024 | 1,881 | 1,923 | 2,804 | 3,174 | 2,823 | 2,418 |
| 1937 | 2,218 | 2,732 | 2,718 | 2,408 | 1,903 | 1,630 | 1,618 | 1,419 | 1,648 | 2,283 | 3,078 | 2,673 | 2,507 |
| 1929 | 1,589 | 1,723 | 1,738 | 1,527 | 1,314 | 1,271 | 1,121 | 1,163 | 1,259 | 1,714 | 2,301 | 2,083 | 1,854 |
| Arkansas | 389 | 347 | 415 | 363 | 370 | 354 | 317 | 340 | 317 | 425 | 498 | 496 | 427 |
| California | 179 | 164 | 138 | 141 | 141 | 155 | 169 | 164 | 237 | 276 | 257 | 160 | 151 |
| Louisiana | 1,158 | 1,202 | 1,267 | 989 | 956 | 1,095 | 1,007 | 879 | 895 | 1,363 | 1,585 | 1,447 | 1,214 |
| Texas | 561 | 560 | 597 | 517 | 513 | 501 | 494 | 444 | 424 | 679 | 750 | 672 | 578 |

TABLE 8.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 72 |
| Reporting expenditures for plant and equipment | 48 |
| Value of products: | |
| Total for the industry | $42,363,349 |
| Reporting expenditures for plant and equipment | 33,086,674 |
| Expenditures for plant and equipment: | |
| Total for the industry | 319,638 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 141,821 |
| Expenditures for new machinery and operating equipment | 147,144 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 20,287 |
| Expenditures unclassified | 10,386 |

TABLE 9.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $7,594,401 | $4,213,104 |
| Finished products | 4,710,935 | 3,167,437 |
| Materials, supplies, etc | 2,883,466 | 1,045,617 |
| End of year, total | 8,291,841 | 5,924,595 |
| Finished products | 5,800,623 | 5,086,897 |
| Materials, supplies, etc | 2,491,218 | 837,668 |
| Value of products for the industry, total | 42,363,349 | 46,852,756 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 42,297,795 | 41,944,711 |
| Value for establishments not reporting inventories | 65,554 | 4,908,045 |

TABLE 10.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 72 | 60 |
| Number of establishments reporting power equipment | 72 | 60 |
| Prime movers, aggregate: | | |
| Number | 90 | 60 |
| Horsepower | 18,563 | 14,870 |
| Prime movers, driving generators, total— | | |
| Number | 45 | [1] 60 |
| Horsepower | 10,193 | [1] 14,870 |
| Steam engines— | | |
| Number | 35 | [1] 54 |
| Horsepower | 8,383 | [1] 14,140 |
| Steam turbines— | | |
| Number | 1 | [1] 2 |
| Horsepower | 250 | [1] 360 |
| Diesel and semi-Diesel engines— | | |
| Number | 5 | [1] 4 |
| Horsepower | 800 | [1] 370 |
| Other internal-combustion engines [2]— | | |
| Number | 4 | |
| Horsepower | 760 | |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 60 | |
| Prime movers not driving generators, total— | | |
| Number | 45 | (3) |
| Horsepower | 8,370 | |
| Steam engines— | | |
| Number | 35 | |
| Horsepower | 6,963 | |
| Prime movers—Continued. | | |
| Prime movers not driving generators—Con. | | |
| Diesel and semi-Diesel engines— | | |
| Number | 8 | (3) |
| Horsepower | 1,257 | |
| Other internal-combustion engines [2]— | | |
| Number | 2 | |
| Horsepower | 150 | |
| Generators, kilowatt rating, total | 3,787 | 1,076 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 2,914 | (3) |
| Steam turbines, kilowatt rating | 200 | |
| Diesel and semi-Diesel engines, kilowatt rating | 328 | |
| Other internal-combustion engines,[2] kilowatt rating | 345 | |
| Generators, ordinarily idle (included above), kilowatt rating | 35 | |
| Electric motors, total: | | |
| Number | 667 | 383 |
| Horsepower | 9,756 | 8,469 |
| Driven by purchased energy— | | |
| Number | 443 | 343 |
| Horsepower | 7,426 | 8,031 |
| Driven by energy generated in establishments reporting— | | |
| Number | 224 | 40 |
| Horsepower | 2,330 | 438 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 2,013,517 | (4) |
| Purchased | 7,480,258 | 6,525,615 |

[1] Includes data for prime movers not driving generators.
[2] Gas, gasoline, etc.
[3] Not called for on schedule.
[4] Data not available.

# BLENDED AND PREPARED FLOUR MADE FROM PURCHASED FLOUR

[A preliminary report for this industry was issued December 14, 1940]

**Description of the industry.**—This industry embraces establishments engaged primarily in the preparation of blended flour, phosphated, self-rising, and other prepared flours (biscuit, cake, doughnut, pancake, etc.), made from purchased flours and does not include establishments engaged in grinding grain into flour. The quantity of blended and prepared flour made as a secondary product by mills classified in the "Flour and other grain-mill products" industry exceeds that made in the "Blended and prepared flour made from purchased flour" industry.

**Statistics for prior census years.**—There are no comparable statistics for prior census years, as this is the first census for which statistics were collected for the blending of flour. The figures for 1937 are for prepared flour only. Prepared flour was formerly covered by the "Cereal preparations" industry.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, and purchased electric energy | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 78 | 706 | $593,196 | $13,965,965 | $17,894,332 | $3,928,367 | 525 |
| 1937 [4] | 41 | 408 | 372,711 | 9,724,861 | 13,634,022 | 3,909,161 | (5) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, and purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] No data available for prior census years. See second paragraph of text "Statistics for prior census years."

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES, AND GROUPS OF STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Alabama | California | Georgia | Louisiana | Mississippi | New York | South Carolina | Tennessee | Iowa, Missouri, and Nebraska | Illinois, Indiana, Michigan, and Ohio | Other States [1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [2] | 78 | 5 | 8 | 7 | 4 | 3 | 8 | 5 | 12 | 4 | 10 | 12 |
| Proprietors and firm members | 38 | 3 | 9 | 3 | 1 | | 6 | 3 | 4 | 1 | 2 | 6 |
| Persons reported by manufacturing establishments, total [3] | 1,105 | 45 | 34 | 120 | 14 | 77 | 115 | 43 | 245 | 30 | 171 | 212 |
| Salaried officers of corporations [3] | 46 | | | 5 | 1 | 3 | 7 | 1 | 11 | | 13 | 5 |
| Manufacturing: | | | | | | | | | | | | |
| Salaried employees [3] | 130 | 4 | 5 | 7 | 3 | 8 | 9 | 9 | 26 | 1 | 27 | 31 |
| Wage earners (average for the year) [4] | 706 | 28 | 22 | 83 | 7 | 52 | 59 | 31 | 173 | 27 | 70 | 155 |
| Distribution | 222 | 13 | 7 | 25 | 3 | 14 | 40 | 2 | 35 | 2 | 61 | 20 |
| Construction | | | | | | | | | | | | |
| Other | 1 | | | | | | | | | | | 1 |
| Salaries and wages, total [3] | $1,419,209 | $40,073 | $48,654 | $129,470 | $14,770 | $93,027 | $196,248 | $31,303 | $235,952 | $36,603 | $328,555 | $264,554 |
| Salaried officers [3] | 206,038 | | | 24,300 | 1,800 | 8,855 | 46,000 | 3,000 | 43,814 | | 65,334 | 12,935 |
| Manufacturing: | | | | | | | | | | | | |
| Salaries [3] | 201,223 | 4,876 | 9,672 | 11,888 | 3,840 | 15,692 | 12,316 | 7,779 | 36,204 | 1,500 | 41,982 | 55,474 |
| Wages | 593,196 | 16,017 | 28,826 | 49,055 | 6,737 | 31,040 | 65,258 | 15,358 | 108,614 | 26,559 | 81,084 | 164,648 |
| Distribution | 417,058 | 19,180 | 10,156 | 44,227 | 2,393 | 37,440 | 72,674 | 4,992 | 47,320 | 8,544 | 140,155 | 29,977 |
| Construction | 174 | | | | | | | 174 | | | | |
| Other | 1,520 | | | | | | | | | | | 1,520 |
| Cost of materials, supplies, containers, fuel, and purchased electric energy, total | 13,965,965 | 877,987 | 351,916 | 1,414,057 | 32,318 | 1,071,020 | 711,313 | 548,509 | 3,108,386 | 294,769 | 1,195,534 | 4,360,156 |
| Materials, supplies, and containers | 13,892,959 | 876,204 | 349,806 | 1,403,252 | 31,920 | 1,063,987 | 703,957 | 546,548 | 3,094,524 | 292,445 | 1,183,544 | 4,346,772 |
| Fuel | 17,196 | 21 | 135 | 1,120 | | 100 | 1,438 | | 1,325 | 718 | 6,822 | 5,517 |
| Purchased electric energy | 55,810 | 1,762 | 1,975 | 9,685 | 398 | 6,933 | 5,918 | 1,961 | 12,537 | 1,606 | 5,168 | 7,867 |
| Value of products | 17,894,332 | 1,028,163 | 527,550 | 1,755,765 | 57,908 | 1,308,415 | 1,102,734 | 624,889 | 3,761,960 | 421,318 | 1,937,504 | 5,368,126 |
| Value added by manufacture [5] | 3,928,367 | 150,176 | 175,634 | 341,708 | 25,590 | 237,395 | 391,421 | 76,380 | 653,574 | 126,549 | 741,970 | 1,007,970 |

[1] Florida, 2 establishments; Maryland, 2; Massachusetts, 2; New Jersey, 1; North Carolina, 1; Pennsylvania, 1; Texas, 2, Washington, 1.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939

| | |
|---|---|
| Blended and Prepared Flour Made From Purchased Flour industry, all products, total value | $17,894,332 |
| Blended, phosphated, self-rising, and other prepared flours | 14,819,684 |
| Miscellaneous products | 1,448,113 |
| Other products (not classified in this industry) | [1] 1,155,247 |
| Merchandise (goods bought and sold without processing) | 471,288 |
| Blended and prepared flour, total value | 75,596,352 |
| Blended and prepared flour made in the industry | 14,819,684 |
| Blended and prepared flour made as secondary products in other industries | 60,776,668 |

[1] Value of prepared feeds for animals and fowls, corn meal, cereal preparations, and grain offals.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939

| PRODUCT | 1939 | | |
|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total |
| Blended and prepared flour: | | | |
| Total pounds | 440,860,731 | 2,143,566,959 | 2,584,427,690 |
| Total value | $14,819,684 | $60,776,668 | $75,596,352 |
| Blended, plain: | | | |
| Pounds | 60,100,956 | 82,398,253 | 142,499,209 |
| Value | $1,482,345 | $1,738,610 | $3,220,955 |
| Phosphated: | | | |
| Pounds | 53,387,405 | 673,587,140 | 726,974,545 |
| Value | $1,318,648 | $14,623,960 | $15,942,608 |
| Self-rising: [1] | | | |
| Pounds | 227,146,357 | 1,101,114,603 | 1,328,260,960 |
| Value | $5,571,751 | $26,508,800 | $32,080,551 |
| Other prepared flours: [2] | | | |
| Pounds | 100,226,013 | 286,466,963 | 386,692,976 |
| Value | $6,446,940 | $17,905,298 | $24,352,238 |

[1] The figures for "Prepared flour (self-rising)" as reported for 1937 were 888,514,180 pounds, valued at $38,056,016.
[2] Biscuit, cake, doughnut, pancake, etc.

TABLE 5.—PRINCIPAL PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES, AND BY GROUPS OF STATES: 1939

[Statistics are given for each State which can be shown separately without disclosing data for individual establishments, and for the remaining States in groups. Certain of the States for which figures are given in combination with those for others, however, reported larger quantities and values of the specified classes of products than some of the States shown separately]

| STATES | Self-rising flour | |
|---|---|---|
| | *Pounds* | *Value* |
| United States | 1,328,260,960 | $32,080,551 |
| Alabama | 32,646,666 | 837,474 |
| Georgia | 103,904,446 | 2,565,253 |
| Illinois | 78,212,322 | 1,909,741 |
| Indiana | 15,949,599 | 543,656 |
| Iowa | 99,775 | 4,898 |
| Kansas | 65,054,431 | 1,295,473 |
| Kentucky | 100,162,625 | 2,511,918 |
| Louisiana | 831,131 | 26,794 |
| Michigan | 19,242,878 | 490,303 |
| Mississippi | 22,879,850 | 556,661 |
| Missouri | 81,696,813 | 1,640,745 |
| Nebraska | 368,453 | 10,577 |

TABLE 5.—PRINCIPAL PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES, AND BY GROUPS OF STATES: 1939—Con.

| STATES | Self-rising flour—Con. | |
|---|---|---|
| | *Pounds* | *Value* |
| North Carolina | 182,252,917 | $4,489,036 |
| Ohio | 9,483,034 | 191,309 |
| Oklahoma | 52,382,827 | 1,126,485 |
| Pennsylvania | 5,860,465 | 180,576 |
| South Carolina | 40,269,595 | 947,042 |
| Tennessee | 243,098,173 | 5,927,552 |
| Texas | 12,582,666 | 266,366 |
| Utah | 9,060,908 | 143,546 |
| Virginia | 165,749,628 | 3,714,386 |
| West Virginia | 265,856 | 7,290 |
| Other States [1] | 86,205,902 | 2,693,470 |
| | Phosphated flour | |
| | *Pounds* | *Value* |
| United States | 726,974,545 | $15,942,608 |
| Georgia | 16,393,745 | 413,937 |
| Illinois | 26,199,043 | 577,244 |
| Indiana | 27,807,673 | 604,882 |
| Kansas | 63,182,261 | 1,249,176 |
| Kentucky | 84,443,926 | 2,041,722 |
| Michigan | 684,936 | 15,929 |
| Mississippi | 17,016,622 | 427,514 |
| Missouri | 73,221,559 | 1,234,690 |
| North Carolina | 27,470,098 | 638,792 |
| Ohio | 11,946,280 | 262,965 |
| Oklahoma | 124,319,540 | 2,648,614 |
| Tennessee | 95,909,039 | 2,329,123 |
| Texas | 77,322,136 | 1,701,710 |
| Virginia | 57,020,545 | 1,313,592 |
| Other States [2] | 24,037,142 | 482,718 |
| | Plain blended flour | |
| | *Pounds* | *Value* |
| United States | 142,499,209 | $3,220,955 |
| Groups of States: | | |
| Ala., Ky., La., Miss., Tenn. | 36,585,270 | 1,025,211 |
| D. C., Ga., Md., N. C., S. C., Va. | 26,222,226 | 613,486 |
| Ill., Ind., Iowa, Mich., Ohio, Wis. | 17,062,246 | 385,424 |
| Other States (Calif., Del., Mo., N. Y., Pa., Tex., Utah, Wash.) | 62,629,467 | 1,196,834 |
| | Other prepared flours | |
| | *Pounds* | *Value* |
| United States | 386,692,976 | $24,352,238 |
| California | 23,325,546 | 1,191,080 |
| Illinois | 104,807,577 | 6,237,836 |
| Indiana | 8,348,803 | 533,206 |
| Massachusetts | 334,208 | 33,216 |
| Michigan | 30,542,905 | 1,584,629 |
| Missouri | 15,424,691 | 1,258,707 |
| Nebraska | 9,260,960 | 372,649 |
| New York | 42,526,518 | 3,444,569 |
| Utah | 988,425 | 41,115 |
| Washington | 8,385,955 | 439,315 |
| Other States [3] | 142,747,388 | 9,215,916 |

[1] Arkansas, California, Colorado, Delaware, District of Columbia, Florida, Idaho, Maryland, Massachusetts, New York, South Dakota, Washington, and Wisconsin.
[2] Alabama, Arkansas, Idaho, Louisiana, Maryland, Nebraska, New York, Pennsylvania, South Carolina, Utah, Washington, and Wisconsin.
[3] Arizona, Colorado, District of Columbia, Idaho, Iowa, Kansas, Kentucky, Louisiana, Maryland, Minnesota, Montana, New Jersey, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Virginia, West Virginia, Wisconsin, and Wyoming.

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: 1939 | 706 | 650 | 676 | 673 | 678 | 674 | 696 | 710 | 694 | 762 | 753 | 744 | 758 |
| Alabama | 28 | 23 | 25 | 22 | 23 | 25 | 24 | 25 | 29 | 37 | 23 | 35 | 41 |
| California | 22 | 18 | 19 | 22 | 19 | 17 | 17 | 25 | 23 | 27 | 26 | 26 | 28 |
| Georgia | 83 | 81 | 80 | 80 | 82 | 84 | 82 | 83 | 83 | 84 | 86 | 83 | 84 |
| Illinois | 44 | 44 | 44 | 43 | 43 | 43 | 43 | 43 | 43 | 44 | 44 | 46 | 46 |
| Louisiana | 7 | 9 | 9 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 6 |
| Mississippi | 52 | 42 | 47 | 46 | 53 | 53 | 54 | 62 | 58 | 55 | 54 | 46 | 49 |
| New York | 59 | 54 | 65 | 54 | 55 | 57 | 61 | 57 | 54 | 72 | 73 | 58 | 52 |
| South Carolina | 31 | 19 | 22 | 20 | 21 | 19 | 41 | 46 | 30 | 38 | 39 | 40 | 38 |
| Tennessee | 173 | 172 | 171 | 171 | 170 | 172 | 176 | 187 | 177 | 174 | 167 | 169 | 167 |

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 78 |
| Reporting expenditures for plant and equipment | 39 |
| Value of products: | |
| Total for the industry | $17,894,332 |
| Reporting expenditures for plant and equipment | 12,111,842 |
| Expenditures for plant and equipment: | |
| Total for the industry | 154,487 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 39,225 |
| Expenditures for new machinery and operating equipment | 109,143 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 6,119 |

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939

| | 1939 |
|---|---|
| Inventories: | |
| Beginning of year, total | $1,170,115 |
| Finished products | 358,806 |
| Materials, supplies, etc | 811,309 |
| End of year, total | 1,456,256 |
| Finished products | 447,287 |
| Materials, supplies, etc | 1,008,969 |
| Value of products for the industry, total | 17,894,332 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 17,809,972 |
| Value for establishments not reporting inventories | 84,360 |

TABLE 9.—PRIME MOVERS, MOTORS, AND ELECTRIC ENERGY: 1939 [1]

| | 1939 |
|---|---|
| Number of establishments | 78 |
| Number of establishments reporting power equipment | 78 |
| Prime movers not driving generators, total: | |
| Number | 8 |
| Horsepower | 525 |
| Steam engines— | |
| Number | 1 |
| Horsepower | 50 |
| Diesel and semi-Diesel engines— | |
| Number | 3 |
| Horsepower | 255 |
| Other internal-combustion engines [2]— | |
| Number | 3 |
| Horsepower | 195 |
| Hydroturbines and water wheels: | |
| Number | 1 |
| Horsepower | 25 |
| Electric motors driven by purchased energy: | |
| Number | 633 |
| Horsepower | 3,912 |
| Electric energy purchased (kilowatt-hours) | 2,305,285 |

[1] Comparable data for 1929 not available.
[2] Gas, gasoline, etc.

# BAKERY PRODUCTS

[Preliminary reports were issued for the "Bread and other bakery products (except biscuit, crackers, and pretzels)" industry on December 30, 1940, and for the "Biscuit, crackers, and pretzels" industry on November 13, 1940]

This industry subgroup embraces two distinct industries, for which separate statistics as well as subgroup totals are given in the following tables. The industry "Bread and other bakery products (except biscuit, crackers, and pretzels)" 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. The other industry—"Biscuit, crackers, and pretzels"—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.

**Description of the industries.**—These industries include establishments primarily engaged 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.

**Detailed statistics of products, materials consumed, and equipment.**—Although the questionnaires used for canvassing the bakery products industries in the several biennial censuses have called for detailed data on products, materials consumed, and equipment used, the returns have been incomplete to a certain degree, and some establishments that made satisfactory returns in one census have failed to do so in another. Furthermore, many of the smaller bakeries do not keep complete records and therefore are unable to supply all the detailed data called for on the questionnaire. These facts should be kept in mind in making use of the tables in which detailed statistics on products, materials, and equipment are given, and careful consideration should be given to the headnotes on those tables.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1899 TO 1939

| INDUSTRY AND CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| BAKERY PRODUCTS SUBGROUP, TOTAL: | | | | | | | |
| 1939 | 18,399 | 230,706 | $290,551,182 | $649,476,628 | $1,411,816,633 | $762,340,005 | 29,609 |
| 1937 | 17,193 | 239,388 | 293,994,425 | 727,021,811 | 1,426,162,859 | 699,141,048 | (5) |
| 1935 | 19,068 | 218,423 | 248,532,375 | 670,040,497 | 1,235,072,900 | 565,032,403 | (6) |
| 1933 | 14,830 | 182,382 | 196,672,192 | 427,464,965 | 919,777,532 | 492,312,567 | (5) |
| 1931 | 17,718 | 183,161 | 239,331,201 | 505,477,095 | 1,190,047,770 | 684,570,675 | (5) |
| 1929 | 20,785 | 200,841 | 274,561,581 | 737,099,500 | 1,526,110,811 | 789,011,311 | 38,522 |
| 1927 | 18,129 | 171,995 | 236,225,862 | 693,236,163 | 1,394,700,224 | 701,464,061 | 38,002 |
| 1925 | 17,684 | 160,411 | 219,606,219 | 668,016,500 | 1,268,194,507 | 600,178,007 | 37,875 |
| 1923 | 18,739 | 162,613 | 214,578,951 | 574,520,502 | 1,122,906,314 | 548,385,812 | 37,261 |
| 1921 | 20,173 | 148,500 | 198,938,825 | 598,614,000 | 1,089,971,652 | 491,357,652 | (5) |
| 1919 | 25,095 | 141,592 | 158,237,059 | 713,239,411 | 1,151,896,318 | 438,656,907 | 39,834 |
| 1914 | 25,963 | 124,052 | 76,866,613 | 274,257,468 | 491,893,025 | 217,635,557 | 37,817 |
| 1909 | 23,926 | 100,216 | 59,351,386 | 238,033,663 | 396,864,844 | 158,831,181 | 33,923 |
| 1904 | 18,226 | 81,278 | 43,172,262 | 155,988,868 | 269,582,811 | 113,593,943 | 28,615 |
| 1899 | 14,836 | 60,192 | 27,864,024 | 95,051,952 | 175,368,682 | 80,316,730 | 20,167 |
| Bread and other bakery products (except biscuit, crackers, and pretzels) industry: | | | | | | | |
| 1939 | 18,043 | 201,533 | 262,001,562 | 567,427,173 | 1,211,023,755 | 643,596,582 | 12,033 |
| 1937 | 16,874 | 210,597 | 265,353,891 | 629,267,129 | 1,217,865,027 | 588,597,898 | (5) |
| 1935 | 18,720 | 189,182 | 222,644,564 | 580,727,970 | 1,052,464,404 | 471,736,434 | (6) |
| 1933 | 14,483 | 155,229 | 174,422,555 | 370,992,203 | 770,332,344 | 399,340,141 | (5) |
| 1931 | 17,364 | 154,764 | 212,352,811 | 436,531,471 | 979,904,341 | 543,372,870 | (5) |
| 1929 | 20,410 | 166,970 | 240,353,512 | 629,998,836 | 1,251,621,280 | 621,622,444 | 16,440 |
| 1927 | 17,909 | 139,013 | 202,197,061 | 585,303,725 | 1,145,710,270 | 560,406,545 | 14,724 |
| 1925 | 17,490 | 128,034 | 187,659,924 | 560,748,396 | 1,023,667,999 | 462,919,603 | (6) |
| 1923 | 18,572 | 127,496 | 183,220,976 | 485,169,038 | 911,118,063 | 425,949,025 | (6) |
| 1921 | 20,024 | 117,026 | 169,828,870 | 515,568,056 | 902,462,969 | 386,894,913 | (6) |
| 1919 | 24,919 | 107,251 | 132,171,264 | 610,105,001 | 947,875,753 | 337,770,752 | (6) |
| 1914 [7] | 25,797 | 99,016 | 66,072,303 | 230,583,623 | 402,408,741 | 171,825,118 | (6) |
| Biscuit, crackers, and pretzels industry: | | | | | | | |
| 1939 | 356 | 29,173 | 28,549,620 | 82,049,455 | 200,792,878 | 118,743,423 | 17,576 |
| 1937 | 319 | 28,791 | 28,640,534 | 97,754,682 | 208,297,832 | 110,543,150 | (5) |
| 1935 | 348 | 29,241 | 25,887,811 | 89,312,527 | 182,608,496 | 93,295,969 | (6) |
| 1933 | 347 | 27,153 | 22,249,637 | 56,472,762 | 149,445,188 | 92,972,426 | (5) |
| 1931 | 354 | 28,397 | 26,978,390 | 68,945,624 | 210,143,429 | 141,197,805 | (5) |
| 1929 | 375 | 33,871 | 34,208,069 | 107,100,664 | 274,489,531 | 167,388,867 | 22,082 |
| 1927 | 220 | 32,982 | 34,028,801 | 107,932,438 | 248,989,954 | 141,057,516 | 23,278 |
| 1925 | 194 | 32,377 | 31,946,295 | 107,268,104 | 244,526,508 | 137,258,404 | (6) |
| 1923 | 167 | 35,117 | 31,357,975 | 89,351,464 | 211,788,251 | 122,436,787 | (6) |
| 1921 | 149 | 31,474 | 29,109,955 | 83,045,944 | 187,508,683 | 104,462,739 | (6) |
| 1919 | 176 | 34,341 | 26,065,795 | 103,134,410 | 204,020,565 | 100,886,155 | (6) |
| 1914 [7] | 166 | 25,036 | 10,794,310 | 43,673,845 | 89,484,284 | 45,810,439 | (6) |

[1] See GENERAL EXPLANATIONS—Definition of establishment. [2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule. [6] Data not available. [7] No comparable data are available for years prior to 1914.

## TABLE 2.—GENERAL STATISTICS IN DETAIL FOR THE UNITED STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | Total for the industries | "Biscuit, crackers, and pretzels" industry | "BREAD AND OTHER BAKERY PRODUCTS (EXCEPT BISCUIT, CRACKERS, AND PRETZELS)" INDUSTRY | | | |
|---|---|---|---|---|---|---|
| | | | Total for the industry | Reported by bakeries classified as— | | |
| | | | | Wholesale only | Retail only | Wholesale and retail combined |
| Number of establishments [1] | 18,399 | 356 | 18,043 | 2,569 | 8,978 | 6,496 |
| Number of retail shops operated | 16,631 | 41 | 16,590 | ---------- | 10,159 | 6,431 |
| Number of house-to-house retail routes operated | 18,472 | 51 | 18,421 | ---------- | 8,003 | 10,418 |
| Proprietors and firm members | 18,985 | 202 | 18,783 | 2,294 | 9,550 | 6,939 |
| Persons reported by manufacturing industries, total [2] | 283,521 | 35,930 | 247,591 | 74,527 | 57,757 | 115,307 |
| Salaried officers of corporations [2] | 3,401 | 307 | 3,094 | 1,084 | 650 | 1,360 |
| Manufacturing: | | | | | | |
| Salaried employees [2] | 15,691 | 2,081 | 13,610 | 4,983 | 2,007 | 6,620 |
| Wage earners (average for the year) [3] | 230,706 | 29,173 | 201,533 | 62,942 | 43,851 | 94,740 |
| Distribution | 28,566 | 3,846 | 24,720 | 4,138 | 10,361 | 10,221 |
| Construction | 1,168 | 161 | 1,007 | 387 | 88 | 532 |
| Other | 3,989 | 362 | 3,627 | 993 | 800 | 1,834 |
| Salaries and wages, total [2] | $372,724,828 | $42,059,144 | $330,665,684 | $105,519,375 | $69,731,789 | $155,414,520 |
| Salaried officers [2] | 14,476,098 | 1,809,642 | 12,666,456 | 4,944,860 | 1,959,252 | 5,762,344 |
| Manufacturing: | | | | | | |
| Salaries [2] | 28,193,910 | 3,885,480 | 24,308,430 | 9,428,155 | 3,479,898 | 11,400,377 |
| Wages | 290,551,182 | 28,549,620 | 262,001,562 | 83,379,584 | 54,874,328 | 123,747,650 |
| Distribution | 32,835,585 | 6,545,883 | 26,289,702 | 6,156,301 | 8,470,426 | 11,662,975 |
| Construction | 1,914,112 | 403,484 | 1,510,628 | 519,524 | 175,218 | 815,886 |
| Other | 4,753,941 | 865,035 | 3,888,906 | 1,090,951 | 772,667 | 2,025,288 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 649,476,628 | 82,049,455 | 567,427,173 | 175,728,839 | 130,167,560 | 261,530,774 |
| Materials, supplies, and containers | 619,446,477 | 79,465,352 | 539,981,125 | 168,173,424 | 122,366,496 | 249,441,205 |
| Fuel | 17,850,398 | 1,806,825 | 16,043,573 | 4,410,811 | 4,573,896 | 7,058,866 |
| Purchased electric energy | 12,171,923 | 777,278 | 11,394,645 | 3,144,604 | 3,226,195 | 5,023,846 |
| Contract work | 7,830 | ---------- | 7,830 | ---------- | 973 | 6,857 |
| Value of products | 1,411,816,633 | 200,792,878 | 1,211,023,755 | 384,763,786 | 267,005,930 | 559,254,039 |
| Value added by manufacture [4] | 762,340,005 | 118,743,423 | 643,596,582 | 209,034,947 | 136,838,370 | 297,723,265 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

## TABLE 3.—GENERAL STATISTICS IN DETAIL FOR "BREAD AND OTHER BAKERY PRODUCTS (EXCEPT BISCUIT, CRACKERS, AND PRETZELS)," BY STATES: 1939

| ITEM | United States | Alabama | Arizona | Arkansas | California | Colorado | Connecticut | Delaware | District of Columbia | Florida |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 18,043 | 80 | 55 | 65 | 1,225 | 152 | 383 | 34 | 88 | 181 |
| Proprietors and firm members | 18,783 | 69 | 59 | 65 | 1,501 | 164 | 362 | 32 | 79 | 177 |
| Persons reported by manufacturing establishments, total [2] | 247,591 | 2,068 | 600 | 1,081 | 14,734 | 1,821 | 4,320 | 490 | 2,056 | 2,956 |
| Salaried officers of corporations [2] | 3,094 | 20 | 9 | 7 | 102 | 24 | 83 | 16 | 23 | 43 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 13,610 | 149 | 43 | 75 | 693 | 122 | 270 | 39 | 112 | 177 |
| Wage earners (average for the year) [3] | 201,533 | 1,633 | 450 | 873 | 11,263 | 1,439 | 3,450 | 403 | 1,672 | 2,461 |
| Distribution | 24,720 | 209 | 85 | 117 | 2,318 | 218 | 462 | 44 | 165 | 242 |
| Construction | 1,007 | 8 | 6 | 3 | 184 | ---------- | 6 | ---------- | 9 | 11 |
| Other | 3,627 | 49 | 7 | 6 | 174 | 18 | 49 | 7 | 71 | 22 |
| Salaries and wages, total [2] | $330,665,684 | $2,074,218 | $782,216 | $1,120,603 | $22,785,455 | $2,213,925 | $5,638,715 | $658,174 | $3,487,507 | $3,201,451 |
| Salaried officers [2] | 12,666,456 | 101,507 | 53,280 | 35,016 | 607,032 | 100,239 | 281,483 | 68,838 | 101,096 | 172,226 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 24,308,430 | 234,345 | 75,209 | 108,971 | 1,335,898 | 193,153 | 459,770 | 39,300 | 242,486 | 290,150 |
| Wages | 262,001,562 | 1,449,689 | 562,069 | 877,499 | 17,692,308 | 1,726,496 | 4,383,112 | 489,095 | 2,819,555 | 2,499,211 |
| Distribution | 26,289,702 | 225,759 | 81,494 | 95,507 | 2,546,530 | 182,535 | 439,477 | 47,839 | 200,608 | 205,509 |
| Construction | 1,510,628 | 18,651 | 4,220 | 779 | 315,457 | ---------- | 13,782 | ---------- | 15,946 | 17,491 |
| Other | 3,888,906 | 44,267 | 5,944 | 2,831 | 288,230 | 11,502 | 61,091 | 13,102 | 107,816 | 16,864 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 567,427,173 | 3,933,709 | 1,575,070 | 2,186,839 | 36,268,659 | 3,938,871 | 9,941,036 | 1,088,336 | 4,778,443 | 6,466,186 |
| Materials, supplies, and containers | 539,981,125 | 3,758,896 | 1,498,424 | 2,082,807 | 35,065,332 | 3,749,468 | 9,400,044 | 1,034,393 | 4,548,419 | 6,113,954 |
| Fuel | 16,043,573 | 92,560 | 35,615 | 49,253 | 627,402 | 94,248 | 336,967 | 30,864 | 144,777 | 179,666 |
| Purchased electric energy | 11,394,645 | 82,253 | 41,031 | 54,779 | 575,505 | 95,155 | 204,025 | 23,079 | 85,247 | 172,366 |
| Contract work | 7,830 | ---------- | ---------- | ---------- | 420 | ---------- | ---------- | ---------- | ---------- | 200 |
| Value of products | 1,211,023,755 | 8,607,617 | 3,349,696 | 4,910,418 | 80,221,290 | 8,422,889 | 20,479,012 | 2,392,993 | 11,567,426 | 14,164,975 |
| Value added by manufacture [4] | 643,596,582 | 4,673,908 | 1,774,626 | 2,723,579 | 43,952,631 | 4,484,018 | 10,537,976 | 1,304,657 | 6,788,983 | 7,697,889 |

See footnotes at end of table.

TABLE 3.—GENERAL STATISTICS IN DETAIL FOR "BREAD AND OTHER BAKERY PRODUCTS (EXCEPT BISCUIT, CRACKERS, AND PRETZELS)," BY STATES: 1939—Continued

| ITEM | Georgia | Idaho | Illinois | Indiana | Iowa | Kansas | Kentucky | Louisiana | Maine | Maryland |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 105 | 64 | 1,565 | 390 | 288 | 202 | 117 | 230 | 95 | 300 |
| Proprietors and firm members | 77 | 83 | 1,647 | 405 | 308 | 237 | 103 | 217 | 92 | 309 |
| Persons reported by manufacturing establishments, total [2] | 2,667 | 509 | 18,545 | 6,250 | 3,731 | 1,956 | 2,107 | 3,060 | 1,448 | 4,694 |
| Salaried officers of corporations [2] | 50 | 3 | 217 | 71 | 26 | 21 | 27 | 53 | 28 | 38 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 151 | 30 | 901 | 389 | 240 | 107 | 108 | 144 | 102 | 266 |
| Wage earners (average for the year) [3] | 2,110 | 398 | 15,129 | 5,004 | 2,996 | 1,638 | 1,765 | 2,537 | 1,168 | 3,977 |
| Distribution | 290 | 71 | 2,049 | 675 | 388 | 150 | 182 | 256 | 124 | 381 |
| Construction | 11 | ---------- | 56 | 22 | 25 | 7 | 1 | 14 | 16 | 18 |
| Other | 55 | 7 | 193 | 89 | 56 | 33 | 24 | 56 | 10 | 14 |
| Salaries and wages, total [2] | $2,850,753 | $568,501 | $25,679,642 | $7,346,508 | $4,544,062 | $2,066,198 | $2,471,762 | $2,964,768 | $1,705,846 | $5,876,450 |
| Salaried officers [2] | 247,802 | 16,085 | 821,803 | 213,457 | 166,442 | 82,396 | 104,386 | 198,827 | 139,747 | 300,016 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 250,420 | 47,272 | 1,677,395 | 668,600 | 371,749 | 169,900 | 187,273 | 217,849 | 155,142 | 459,295 |
| Wages | 2,033,256 | 448,122 | 21,082,787 | 5,695,333 | 3,632,700 | 1,668,570 | 1,965,880 | 2,263,085 | 1,255,757 | 4,712,351 |
| Distribution | 276,339 | 53,353 | 1,840,380 | 660,237 | 302,836 | 103,685 | 182,875 | 208,161 | 126,497 | 367,316 |
| Construction | 11,600 | ---------- | 84,814 | 35,500 | 24,186 | 15,389 | 2,692 | 10,303 | 17,029 | 28,418 |
| Other | 31,336 | 3,669 | 172,463 | 73,381 | 46,149 | 26,258 | 28,656 | 66,543 | 11,674 | 9,054 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 5,434,832 | 1,239,705 | 44,175,283 | 13,197,191 | 8,110,110 | 4,113,177 | 4,994,288 | 6,078,888 | 3,479,504 | 10,461,429 |
| Materials, supplies, and containers | 5,216,377 | 1,150,127 | 41,909,590 | 12,518,105 | 7,619,668 | 3,906,009 | 4,787,562 | 5,758,061 | 3,328,061 | 9,963,018 |
| Fuel | 117,588 | 35,611 | 1,374,843 | 399,986 | 289,749 | 102,625 | 108,952 | 168,180 | 99,919 | 301,915 |
| Purchased electric energy | 100,867 | 53,967 | 890,850 | 276,000 | 200,693 | 104,543 | 97,774 | 152,366 | 51,524 | 196,496 |
| Contract work | ---------- | ---------- | ---------- | 3,100 | ---------- | ---------- | ---------- | 281 | ---------- | ---------- |
| Value of products | 11,663,223 | 2,498,370 | 92,112,679 | 28,056,420 | 17,326,166 | 8,251,617 | 9,973,239 | 12,170,338 | 6,759,951 | 22,245,899 |
| Value added by manufacture [4] | 6,228,391 | 1,258,665 | 47,937,396 | 14,859,229 | 9,216,056 | 4,138,440 | 4,978,951 | 6,091,450 | 3,280,447 | 11,784,470 |

| ITEM | Massachusetts | Michigan | Minnesota | Mississippi | Missouri | Montana | Nebraska | Nevada | New Hampshire | New Jersey |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 1,101 | 686 | 443 | 61 | 469 | 88 | 139 | 19 | 60 | 1,012 |
| Proprietors and firm members | 1,035 | 754 | 495 | 74 | 453 | 95 | 143 | 24 | 51 | 1,041 |
| Persons reported by manufacturing establishments, total [2] | 13,814 | 11,060 | 4,394 | 944 | 7,263 | 712 | 2,103 | 127 | 882 | 11,995 |
| Salaried officers of corporations [2] | 178 | 105 | 48 | 14 | 84 | 12 | 17 | ---------- | 13 | 144 |
| Manfuacturing: | | | | | | | | | | |
| Salaried employees [2] | 823 | 643 | 230 | 75 | 365 | 46 | 116 | 7 | 47 | 499 |
| Wage earners (average for the year) [3] | 11,540 | 9,205 | 3,510 | 757 | 6,098 | 524 | 1,635 | 90 | 716 | 9,704 |
| Distribution | 1,085 | 900 | 532 | 84 | 590 | 113 | 277 | 25 | 72 | 1,341 |
| Construction | 23 | 49 | 17 | 3 | 22 | 1 | 14 | ---------- | 7 | 50 |
| Other | 165 | 158 | 57 | 11 | 104 | 16 | 44 | 5 | 27 | 257 |
| Salaries and wages, total [2] | $19,011,241 | $15,370,400 | $5,580,010 | $861,119 | $10,371,174 | $851,040 | $2,504,995 | $162,007 | $1,045,022 | $16,875,535 |
| Salaried officers [2] | 706,038 | 403,105 | 212,299 | 29,527 | 348,824 | 26,962 | 98,500 | ---------- | 80,725 | 495,199 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 1,389,790 | 1,199,397 | 396,629 | 108,076 | 738,523 | 75,645 | 195,193 | 9,709 | 75,484 | 984,673 |
| Wages | 15,550,261 | 12,668,525 | 4,444,151 | 642,908 | 8,542,269 | 623,274 | 1,786,006 | 125,690 | 773,397 | 13,729,440 |
| Distribution | 1,116,792 | 890,166 | 442,968 | 69,943 | 614,549 | 107,474 | 351,883 | 22,304 | 70,205 | 1,336,069 |
| Construction | 40,013 | 61,171 | 31,503 | 3,289 | 38,267 | 360 | 30,250 | ---------- | 14,959 | 98,799 |
| Other | 208,347 | 148,036 | 52,460 | 7,376 | 88,742 | 17,325 | 43,163 | 4,304 | 30,252 | 231,355 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 31,845,003 | 26,626,789 | 10,182,245 | 1,754,021 | 16,770,361 | 1,877,551 | 4,370,182 | 307,469 | 2,094,431 | 28,666,254 |
| Materials, supplies, and containers | 30,307,914 | 25,407,615 | 9,578,823 | 1,667,814 | 15,999,083 | 1,782,431 | 4,138,624 | 285,395 | 1,989,876 | 27,228,425 |
| Fuel | 957,900 | 754,338 | 373,753 | 36,798 | 445,168 | 47,972 | 140,051 | 12,742 | 61,768 | 864,431 |
| Purchased electric energy | 579,189 | 464,143 | 229,669 | 49,409 | 326,110 | 47,148 | 91,507 | 9,040 | 40,387 | 573,098 |
| Contract work | ---------- | 693 | ---------- | ---------- | ---------- | ---------- | ---------- | 292 | 2,400 | 300 |
| Value of products | 66,622,476 | 55,156,386 | 21,349,382 | 3,787,677 | 35,714,840 | 4,020,290 | 9,243,162 | 620,791 | 4,294,857 | 60,261,890 |
| Value added by manufacture [4] | 34,777,473 | 28,529,597 | 11,167,137 | 2,033,656 | 18,944,479 | 2,142,739 | 4,872,980 | 313,322 | 2,200,426 | 31,595,636 |

See footnotes at end of table.

TABLE 3.—GENERAL STATISTICS IN DETAIL FOR "BREAD AND OTHER BAKERY PRODUCTS (EXCEPT BISCUIT, CRACKERS, AND PRETZELS)," BY STATES: 1939—Continued

| ITEM | New Mexico | New York | North Carolina | North Dakota | Ohio | Oklahoma | Oregon | Pennsylvania | Rhode Island | South Carolina |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 44 | 2,910 | 98 | 59 | 1,072 | 222 | 183 | 1,515 | 164 | 39 |
| Proprietors and firm members | 57 | 2,950 | 99 | 63 | 1,112 | 240 | 204 | 1,669 | 166 | 26 |
| Persons reported by manufacturing establishments, total [2] | 392 | 38,314 | 2,822 | 487 | 17,799 | 2,307 | 1,860 | 26,287 | 2,112 | 1,266 |
| Salaried officers of corporations [2] | 3 | 674 | 34 | 4 | 192 | 18 | 46 | 201 | 27 | 4 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 22 | 1,859 | 199 | 31 | 966 | 136 | 125 | 1,484 | 137 | 80 |
| Wage earners (average for the year) [3] | 321 | 31,398 | 2,370 | 380 | 14,702 | 1,856 | 1,429 | 21,757 | 1,699 | 1,040 |
| Distribution | 42 | 3,777 | 183 | 57 | 1,636 | 257 | 234 | 2,284 | 220 | 109 |
| Construction | ---------- | 92 | 4 | 1 | 59 | 9 | 4 | 141 | 3 | 7 |
| Other | 4 | 514 | 32 | 14 | 244 | 31 | 22 | 420 | 26 | 22 |
| Salaries and wages, total [2] | $361,289 | $57,714,989 | $2,994,613 | $483,322 | $23,664,194 | $2,404,889 | $2,654,427 | $34,791,512 | $2,853,742 | $1,317,011 |
| Salaried officers [2] | 4,775 | 2,406,895 | 153,166 | 9,048 | 851,338 | 70,602 | 176,273 | 957,695 | 131,928 | 15,798 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 25,103 | 3,599,712 | 294,679 | 45,792 | 1,792,828 | 205,967 | 222,951 | 2,649,806 | 269,756 | 135,304 |
| Wages | 298,344 | 46,249,243 | 2,281,374 | 376,691 | 18,623,830 | 1,879,537 | 2,020,935 | 27,569,944 | 2,154,324 | 1,032,906 |
| Distribution | 29,266 | 4,775,289 | 229,236 | 43,112 | 2,074,915 | 220,293 | 212,026 | 2,746,924 | 239,120 | 112,349 |
| Construction | ---------- | 113,126 | 3,923 | 480 | 74,938 | 10,110 | 6,162 | 228,083 | 2,078 | 7,895 |
| Other | 3,801 | 570,724 | 32,235 | 8,199 | 246,345 | 18,380 | 16,080 | 639,060 | 56,536 | 12,768 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 853,650 | 94,583,936 | 5,901,469 | 1,106,736 | 38,701,908 | 4,862,700 | 4,492,966 | 56,794,045 | 4,774,019 | 2,662,131 |
| Materials, supplies, and containers | 804,480 | 89,586,354 | 5,656,464 | 1,029,539 | 36,891,290 | 4,630,058 | 4,250,204 | 54,220,217 | 4,543,771 | 2,557,254 |
| Fuel | 22,356 | 3,014,669 | 153,770 | 43,123 | 1,072,007 | 102,943 | 113,701 | 1,537,236 | 139,215 | 62,244 |
| Purchased electric energy | 26,814 | 1,982,769 | 91,235 | 34,074 | 738,611 | 129,699 | 129,061 | 1,036,592 | 91,033 | 42,633 |
| Contract work | ---------- | 144 | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Value of products | 1,756,121 | 204,500,877 | 12,704,304 | 2,195,263 | 84,324,585 | 10,052,666 | 9,501,408 | 123,139,514 | 10,110,978 | 5,873,690 |
| Value added by manufacture [4] | 902,471 | 109,916,941 | 6,802,835 | 1,088,527 | 45,622,677 | 5,189,966 | 5,008,442 | 66,345,469 | 5,336,959 | 3,211,559 |

| ITEM | South Dakota | Tennessee | Texas | Utah | Vermont | Virginia | Washington | West Virginia | Wisconsin | Wyoming |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 83 | 117 | 535 | 33 | 49 | 131 | 330 | 108 | 604 | 50 |
| Proprietors and firm members | 80 | 110 | 565 | 32 | 48 | 118 | 330 | 104 | 602 | 57 |
| Persons reported by manufacturing establishments, total [2] | 585 | 2,929 | 6,902 | 644 | 501 | 2,596 | 3,105 | 2,180 | 5,823 | 298 |
| Salaried officers of corporations [2] | 6 | 44 | 72 | 11 | 7 | 50 | 71 | 50 | 94 | 6 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 50 | 209 | 404 | 48 | 44 | 174 | 182 | 208 | 268 | 34 |
| Wage earners (average for the year) [3] | 411 | 2,415 | 5,653 | 531 | 405 | 2,114 | 2,485 | 1,734 | 4,480 | 213 |
| Distribution | 81 | 206 | 565 | 24 | 38 | 232 | 326 | 104 | 862 | 34 |
| Construction | ---------- | 12 | 28 | 4 | ---------- | 14 | 7 | 21 | 14 | 4 |
| Other | 37 | 43 | 180 | 26 | 7 | 12 | 34 | 63 | 105 | 7 |
| Salaries and wages, total [2] | $553,128 | $3,102,320 | $7,515,966 | $912,235 | $532,228 | $2,925,070 | $4,678,267 | $3,025,528 | $7,215,241 | $296,416 |
| Salaried officers [2] | 8,465 | 201,762 | 323,024 | 41,951 | 25,484 | 205,315 | 214,732 | 276,627 | 367,729 | 10,992 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 72,298 | 327,761 | 626,804 | 101,214 | 71,452 | 286,635 | 348,351 | 405,835 | 431,258 | 37,628 |
| Wages | 386,425 | 2,294,151 | 5,846,426 | 722,540 | 406,114 | 2,194,693 | 3,756,418 | 2,139,227 | 5,404,969 | 220,675 |
| Distribution | 58,613 | 224,920 | 557,869 | 24,117 | 23,853 | 212,265 | 325,276 | 100,125 | 888,250 | 22,594 |
| Construction | ---------- | 20,199 | 24,728 | 6,009 | ---------- | 19,173 | 9,409 | 37,432 | 11,304 | 651 |
| Other | 27,327 | 33,527 | 137,115 | 16,404 | 5,325 | 6,989 | 24,021 | 66,282 | 111,722 | 3,876 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 1,359,287 | 5,929,840 | 15,694,908 | 1,838,661 | 1,114,105 | 5,834,859 | 7,274,396 | 4,966,494 | 12,013,018 | 712,183 |
| Materials, supplies, and containers | 1,259,329 | 5,686,085 | 15,050,125 | 1,766,996 | 1,038,868 | 5,566,832 | 6,899,022 | 4,770,782 | 11,308,728 | 670,412 |
| Fuel | 58,453 | 145,881 | 302,587 | 30,461 | 49,407 | 161,616 | 169,965 | 99,556 | 459,473 | 19,269 |
| Purchased electric energy | 41,505 | 97,874 | 342,196 | 41,204 | 25,830 | 106,411 | 205,409 | 96,156 | 244,817 | 22,502 |
| Contract work | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Value of products | 2,646,370 | 12,923,463 | 32,994,866 | 3,766,823 | 2,188,513 | 12,193,874 | 16,363,218 | 10,663,210 | 25,563,868 | 1,315,075 |
| Value added by manufacture [4] | 1,287,083 | 6,993,623 | 17,299,958 | 1,928,162 | 1,074,408 | 6,359,015 | 9,088,822 | 5,696,716 | 13,550,850 | 602,892 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 4.—GENERAL STATISTICS IN DETAIL FOR "BISCUIT, CRACKERS, AND PRETZELS," BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | California | Illinois | Indiana | Iowa | Louisiana | Maryland | Massachusetts | Michigan | Minnesota | Missouri |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 356 | 28 | 23 | 7 | 8 | 7 | 6 | 14 | 13 | 11 | 13 |
| Proprietors and firm members | 202 | 20 | 5 | 3 | ---------- | 2 | 2 | 5 | 4 | 10 | 5 |
| Persons reported by manufacturing establishments, total [2] | 35,930 | 1,655 | 4,372 | 1,012 | 1,107 | 649 | 891 | 2,022 | 1,402 | 578 | 1,812 |
| Salaried officers of corporations [2] | 307 | 13 | 16 | 11 | 13 | 16 | 10 | 9 | 20 | 4 | 7 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 2,081 | 91 | 237 | 73 | 77 | 22 | 47 | 87 | 80 | 15 | 98 |
| Wage earners (average for the year) [3] | 29,173 | 1,401 | 3,656 | 844 | 879 | 486 | 667 | 1,640 | 1,180 | 422 | 1,420 |
| Distribution | 3,846 | 118 | 413 | 77 | 130 | 125 | 162 | 279 | 114 | 134 | 188 |
| Construction | 161 | 10 | 22 | 7 | 6 | ---------- | 1 | ---------- | ---------- | ---------- | 24 |
| Other | 362 | 22 | 28 | ---------- | 2 | ---------- | 4 | 7 | 8 | 3 | 75 |
| Salaries and wages, total [2] | $42,059,144 | $2,134,809 | $5,221,894 | $1,262,793 | $1,212,394 | $660,130 | $1,007,433 | $2,251,523 | $1,645,814 | $776,644 | $2,149,899 |
| Salaried officers [2] | 1,809,642 | 75,587 | 120,263 | 70,457 | 79,135 | 83,298 | 66,403 | 35,265 | 141,255 | 13,880 | 25,060 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 3,885,480 | 188,686 | 458,517 | 119,718 | 113,463 | 37,867 | 99,845 | 162,996 | 136,334 | 47,016 | 172,644 |
| Wages | 28,549,620 | 1,585,201 | 3,646,770 | 938,682 | 740,008 | 360,262 | 588,967 | 1,563,593 | 1,164,245 | 468,185 | 1,242,778 |
| Distribution | 6,545,883 | 240,529 | 922,932 | 122,532 | 258,656 | 178,703 | 246,523 | 480,322 | 192,324 | 243,908 | 451,178 |
| Construction | 403,484 | 24,384 | 34,807 | 11,404 | 18,430 | ---------- | 805 | 125 | 744 | ---------- | 44,999 |
| Other | 865,035 | 20,422 | 38,605 | ---------- | 2,702 | ---------- | 4,890 | 9,222 | 10,912 | 3,655 | 213,240 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 82,049,455 | 4,010,484 | 11,453,852 | 1,826,199 | 2,718,936 | 1,038,569 | 1,366,341 | 4,911,092 | 3,876,814 | 1,300,272 | 3,548,495 |
| Materials, supplies, and containers | 79,465,352 | 3,922,914 | 11,193,452 | 1,766,203 | 2,643,803 | 1,012,828 | 1,318,461 | 4,748,334 | 3,762,254 | 1,251,504 | 3,445,131 |
| Fuel | 1,806,825 | 55,673 | 184,097 | 36,018 | 55,485 | 14,018 | 28,473 | 118,340 | 87,053 | 41,674 | 70,583 |
| Purchased electric energy | 777,278 | 31,897 | 76,303 | 23,978 | 19,648 | 11,723 | 19,407 | 44,418 | 27,507 | 7,094 | 32,781 |
| Contract work | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Value of products | 200,792,878 | 10,313,609 | 27,568,398 | 3,836,640 | 5,089,297 | 2,347,185 | 3,412,926 | 12,737,718 | 8,728,640 | 3,372,453 | 9,006,863 |
| Value added by manufacture [4] | 118,743,423 | 6,303,125 | 16,114,546 | 2,010,441 | 2,370,361 | 1,308,616 | 2,046,585 | 7,826,626 | 4,851,826 | 2,072,181 | 5,458,368 |

| ITEM | Nebraska | New Jersey | New York | Ohio | Oregon | Pennsylvania | Tennessee | Texas | Washington | Wisconsin | Other States [5] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 4 | 13 | 26 | 21 | 5 | 83 | 6 | 6 | 17 | 6 | 30 |
| Proprietors and firm members | 2 | 10 | 8 | 6 | 2 | 76 | 4 | 5 | 8 | 1 | 24 |
| Persons reported by manufacturing establishments, total [2] | 344 | 1,182 | 5,797 | 2,914 | 236 | 4,062 | 552 | 715 | 582 | 808 | 3,236 |
| Salaried officers of corporations [2] | 4 | 7 | 34 | 24 | 6 | 54 | 1 | 2 | 10 | 6 | 40 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 29 | 53 | 228 | 218 | 7 | 283 | 21 | 67 | 33 | 102 | 213 |
| Wage earners (average for the year) [3] | 198 | 1,099 | 4,592 | 2,490 | 160 | 3,324 | 514 | 605 | 443 | 578 | 2,573 |
| Distribution | 113 | 16 | 825 | 148 | 57 | 321 | 12 | 36 | 85 | 116 | 377 |
| Construction | ---------- | 7 | 11 | 34 | ---------- | 26 | ---------- | ---------- | 3 | 3 | 7 |
| Other | ---------- | ---------- | 107 | ---------- | 6 | 54 | 4 | 5 | 8 | 3 | 26 |
| Salaries and wages, total [2] | $432,768 | $981,154 | $7,477,827 | $3,502,699 | $333,822 | $4,523,993 | $577,036 | $784,351 | $716,865 | $976,757 | $3,428,539 |
| Salaried officers [2] | 23,820 | 26,018 | 263,799 | 166,427 | 21,025 | 259,509 | 10,000 | 13,200 | 57,220 | 34,700 | 223,321 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 43,674 | 98,653 | 522,165 | 439,106 | 15,895 | 475,928 | 51,634 | 125,237 | 69,236 | 166,402 | 340,464 |
| Wages | 200,860 | 828,036 | 5,092,500 | 2,577,828 | 191,688 | 3,140,150 | 432,492 | 540,888 | 420,762 | 595,406 | 2,230,319 |
| Distribution | 164,414 | 17,755 | 1,047,266 | 274,175 | 95,879 | 518,123 | 75,689 | 98,577 | 149,162 | 171,654 | 595,582 |
| Construction | ---------- | 10,692 | 137,277 | 45,163 | 757 | 52,266 | 900 | ---------- | 5,577 | 5,372 | 9,782 |
| Other | ---------- | ---------- | 414,820 | ---------- | 8,578 | 78,017 | 6,321 | 6,449 | 14,908 | 3,223 | 29,071 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 597,422 | 3,456,376 | 12,577,483 | 8,307,007 | 412,061 | 7,584,385 | 1,147,302 | 1,571,973 | 1,193,250 | 1,664,893 | 7,486,249 |
| Materials, supplies, and containers | 568,582 | 3,359,848 | 12,080,988 | 8,090,370 | 396,314 | 7,242,682 | 1,120,248 | 1,539,136 | 1,145,245 | 1,611,847 | 7,245,208 |
| Fuel | 19,648 | 59,333 | 345,020 | 137,499 | 10,347 | 266,190 | 16,684 | 24,771 | 28,480 | 39,702 | 167,737 |
| Purchased electric energy | 9,192 | 37,195 | 151,475 | 79,138 | 5,400 | 75,513 | 10,370 | 8,066 | 19,525 | 13,344 | 73,304 |
| Contract work | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Value of products | 1,316,439 | 5,488,867 | 38,381,756 | 19,278,089 | 1,180,976 | 18,835,927 | 2,809,259 | 4,161,041 | 2,794,478 | 3,689,858 | 16,442,459 |
| Value added by manufacture [4] | 719,017 | 2,032,491 | 25,804,273 | 10,971,082 | 768,915 | 11,251,542 | 1,661,957 | 2,589,068 | 1,601,228 | 2,024,965 | 8,956,210 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Alabama, 6 establishments; Arkansas, 4; Colorado, 3; Connecticut, 1; Florida, 2; Georgia, 2; Kansas, 2; Kentucky, 2; Maine, 1; Mississippi, 2; New Hampshire, 1; North Carolina, 1; North Dakota, 1; Oklahoma, 2; South Carolina, 2; South Dakota, 1; Utah, 2; Vermont, 1; Virginia, 3.

TABLE 5.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

[The detailed statistics in this table were compiled from returns made by establishments which reported the following percentages of the total value of products of the industries: For the "Bread and other bakery products (except biscuit, crackers, and pretzels)" industry—1939, 16,952 establishments, or 97.9 percent; 1937, 14,785 establishments, or 94.4 percent; 1929, 9,834 establishments, or 89.5 percent. For the "Biscuit, crackers, and pretzels" industry—1939, 351 establishments, or 99.9 percent; 1937, 319 establishments, or 100 percent; 1929, 375 establishments, or 100 percent. See "Detailed statistics of products, materials consumed, and equipment," p. 158]

| PRODUCT | REPORTED, FOR 1939, BY— | | | | | TOTAL FOR THE INDUSTRIES | | |
|---|---|---|---|---|---|---|---|---|
| | Bakeries in the "Bread and other bakery products (except biscuit, crackers, and pretzels)" industry, classified as— | | | | Bakeries in the "Biscuit, crackers, and pretzels" industry | 1939 | 1937 | 1929 |
| | Wholesale only | Retail only | Wholesale and retail combined | Total for the industry | | | | |
| Bakery Products subgroup of industries, all products, total value | $384, 763, 786 | $267, 005, 930 | $559, 254, 039 | $1, 211, 023, 755 | $200, 792, 878 | $1, 411, 816, 633 | $1, 426, 162, 859 | $1, 526, 110, 811 |
| Bakery products reported in detail | 379, 372, 065 | 251, 160, 995 | 543, 192, 811 | 1, 173, 725, 871 | 198, 012, 501 | 1, 371, 738, 372 | 1, 350, 046, 989 | 1, 381, 515, 707 |
| Bakery and other products not reported in detail | 3, 640, 128 | 10, 680, 742 | 11, 574, 925 | 25, 895, 795 | 152, 576 | 26, 048, 371 | 68, 313, 178 | 131, 496, 197 |
| Miscellaneous products | 591, 371 | 1, 230, 118 | 1, 956, 579 | 3, 778, 068 | 1, 339, 067 | 5, 117, 135 | | |
| Other products (not classified in these industries) [1] | 137, 576 | 3, 241, 018 | 1, 234, 601 | 4, 613, 195 | 1, 196, 419 | 5, 809, 614 | | |
| Receipts for contract work | 135, 759 | 19, 572 | 47, 396 | 202, 727 | ---------- | 202, 727 | 7, 802, 692 | 13, 098, 907 |
| Merchandise (goods bought and sold without processing) | 886, 887 | 673, 485 | 1, 247, 727 | 2, 808, 099 | 92, 315 | 2, 900, 414 | | |
| Bakery products reported in detail,[2] total | 379, 372, 065 | 251, 160, 995 | 543, 192, 811 | 1, 173, 725, 871 | 198, 012, 501 | 1, 371, 738, 372 | 1, 350, 046, 989 | 1, 381, 515, 707 |
| Bread and other yeast-raised products: | | | | | | | | |
| Total pounds | 3, 704, 358, 099 | 1, 459, 530, 709 | 5, 284, 226, 671 | 10, 448, 115, 479 | 32, 834, 814 | 10, 480, 950, 293 | 10, 024, 230, 456 | |
| Total value | $263, 568, 431 | $138, 211, 167 | $393, 700, 656 | $795, 480, 254 | $1, 813, 843 | $797, 294, 097 | $796, 708, 801 | |
| White pan bread: | | | | | | | | |
| Pounds | 2, 747, 649, 665 | 783, 796, 137 | 3, 662, 380, 854 | 7, 193, 826, 656 | 25, 016, 615 | 7, 218, 843, 271 | 6, 923, 658, 789 | |
| Value | $181, 471, 944 | $61, 676, 446 | $247, 140, 308 | $490, 288, 698 | $1, 232, 043 | $491, 520, 741 | $504, 654, 551 | |
| Whole-wheat, rye, and hearth breads: | | | | | | | | |
| Pounds | 511, 469, 143 | 288, 770, 338 | 926, 508, 675 | 1, 726, 748, 156 | 4, 476, 872 | 1, 731, 225, 028 | 1, 770, 040, 370 | 9, 864, 221, 325 |
| Value | $36, 032, 558 | $23, 728, 754 | $68, 171, 813 | $127, 933, 125 | $277, 293 | $128, 210, 418 | $133, 893, 595 | $762, 352, 193 |
| Variety or specialty breads: | | | | | | | | |
| Pounds | 134, 750, 898 | 96, 814, 211 | 230, 262, 633 | 461, 827, 742 | 752, 622 | 462, 580, 364 | 367, 142, 387 | |
| Value | $10, 217, 764 | $8, 697, 634 | $18, 458, 879 | $37, 374, 277 | $53, 494 | $37, 427, 771 | $32, 814, 572 | |
| Rolls and coffee cake: | | | | | | | | |
| Pounds | 310, 488, 393 | 290, 150, 023 | 465, 074, 509 | 1, 065, 712, 925 | 2, 588, 705 | 1, 068, 301, 630 | 963, 388, 910 | |
| Value | $35, 846, 165 | $44, 108, 333 | $59, 929, 656 | $139, 884, 154 | $251, 013 | $140, 135, 167 | $125, 346, 083 | |
| Crackers, biscuit (not including raised biscuit), sponge goods, sweet goods, machine-made cookies, etc.: | | | | | | | | |
| Pounds | 31, 329, 086 | 34, 853, 655 | 54, 954, 087 | 121, 136, 828 | 1, 490, 421, 526 | 1, 611, 558, 354 | 1, 504, 385, 833 | 1, 348, 796, 253 |
| Value | $3, 718, 659 | $5, 797, 147 | $9, 105, 911 | $18, 621, 717 | $189, 070, 963 | $207, 692, 680 | $212, 099, 650 | $263, 499, 172 |
| Pretzels: | | | | | | | | |
| Pounds | 3, 929, 417 | 573, 751 | 538, 866 | 5, 042, 034 | 47, 289, 362 | 52, 331, 396 | 50, 380, 464 | 45, 303, 341 |
| Value | $586, 063 | $92, 751 | $87, 851 | $766, 665 | $5, 295, 773 | $6, 062, 438 | $5, 740, 989 | $7, 274, 488 |
| Soft cakes: | | | | | | | | |
| All types of cake—pound, layer, package, fruit, etc.: | | | | | | | | |
| Pounds | 316, 137, 820 | 211, 441, 719 | 420, 496, 216 | 948, 075, 755 | 5, 118, 903 | 953, 194, 658 | 970, 875, 921 | |
| Value | $56, 555, 015 | $49, 196, 886 | $79, 193, 495 | $184, 945, 396 | $1, 185, 854 | $186, 131, 250 | $184, 770, 109 | |
| Cookies (hand-made): | | | | | | | | $233, 351, 501 |
| Pounds | 15, 331, 212 | 48, 923, 127 | 42, 741, 356 | 106, 995, 695 | 4, 990, 710 | 111, 986, 405 | 97, 374, 770 | |
| Value | $2, 484, 340 | $9, 220, 698 | $7, 452, 234 | $19, 157, 272 | $558, 840 | $19, 716, 112 | $16, 845, 974 | |
| Doughnuts, crullers, and other fried cakes: | | | | | | | | |
| Dozens | 90, 326, 373 | 88, 427, 442 | 156, 439, 689 | 335, 193, 504 | 825, 109 | 336, 018, 613 | 258, 332, 897 | 201, 091, 442 |
| Value | $13, 701, 656 | $16, 823, 865 | $24, 764, 100 | $55, 289, 621 | $85, 239 | $55, 374, 860 | $44, 424, 126 | $40, 130, 188 |
| Pies, value | $34, 385, 825 | $18, 835, 082 | $21, 898, 541 | $75, 119, 448 | $1, 589 | $75, 121, 037 | $71, 663, 486 | $74, 908, 165 |
| Pastries (French and Danish), cream puffs, etc., value | $4, 372, 076 | $12, 983, 399 | $6, 990, 023 | $24, 345, 498 | $400 | $24, 345, 898 | $17, 793, 854 | (3) |

[1] Ice cream; ice-cream cones and wafers; confectionery; macaroni, spaghetti, and vermicelli; egg noodles and other egg products; baked beans.
[2] In addition, bakery products were reported as secondary products by establishments classified in other industries, valued as follows: For 1939, $1,165,616; for 1937, $2,070,550; for 1929, $3,407,319.
[3] No data.

TABLE 6.—PRODUCTS OF THE "BREAD AND OTHER BAKERY PRODUCTS (EXCEPT BISCUIT, CRACKERS, AND PRETZELS)" INDUSTRY AND OF THE "BISCUIT, CRACKERS, AND PRETZELS" INDUSTRY COMBINED, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

[The detailed statistics given in this table were compiled from returns made by 17,303 establishments that reported 98.2 percent of the total value of products for the two industries named. See headnote, table 5]

| STATE | Aggregate value of products for the industries | BAKERY PRODUCTS REPORTED IN DETAIL | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Total value | Bread and other yeast-raised products | | | | | |
| | | | Total | | White pan bread | | Whole-wheat, rye, and hearth breads | |
| | | | Pounds | Value | Pounds | Value | Pounds | Value |
| United States | [1] $1,411,816,633 | $1,371,738,372 | 10,480,950,293 | $797,294,097 | 7,218,843,271 | $491,520,741 | 1,731,225,028 | $128,210,418 |
| Alabama | 10,062,910 | 9,625,283 | 79,686,621 | 5,900,413 | 63,922,145 | 4,551,770 | 4,920,561 | 361,251 |
| Arizona | 3,349,696 | 3,303,698 | 34,339,759 | 2,659,440 | 21,450,533 | 1,523,645 | 8,226,794 | 622,136 |
| Arkansas | 5,881,256 | 5,791,893 | 54,658,747 | 3,675,151 | 46,116,625 | 2,981,614 | 4,078,076 | 313,484 |
| California | 90,534,899 | 88,978,007 | 675,135,832 | 52,681,437 | 391,258,675 | 27,694,600 | 162,175,938 | 11,766,586 |
| Colorado | 11,316,844 | 11,013,920 | 86,561,959 | 5,923,116 | 54,793,633 | 3,370,207 | 19,715,060 | 1,233,124 |
| Connecticut | 20,489,862 | 19,637,830 | 157,597,594 | 12,183,932 | 100,501,250 | 6,797,366 | 33,235,459 | 2,536,730 |
| Delaware | 2,392,993 | 2,318,121 | 25,743,442 | 1,912,234 | 18,250,702 | 1,220,319 | 3,840,436 | 276,626 |
| District of Columbia | 11,567,426 | 11,280,086 | 101,376,264 | 7,979,381 | 72,212,885 | 5,217,227 | 14,233,406 | 1,099,054 |
| Florida | 14,304,575 | 13,507,398 | 132,679,582 | 10,167,205 | 93,787,957 | 6,780,351 | 18,752,773 | 1,424,720 |
| Georgia | 14,580,578 | 14,391,300 | 100,645,199 | 7,627,923 | 80,578,799 | 5,897,686 | 6,600,223 | 507,137 |
| Idaho | 2,498,370 | 2,452,963 | 24,357,668 | 1,940,375 | 18,684,579 | 1,385,015 | 3,690,004 | 278,044 |
| Illinois | 119,681,077 | 117,367,402 | 744,229,967 | 59,062,327 | 454,562,221 | 30,655,794 | 151,737,401 | 11,053,503 |
| Indiana | 31,893,060 | 30,793,735 | 310,330,866 | 21,994,410 | 251,140,533 | 16,231,070 | 30,254,711 | 2,283,818 |
| Iowa | 22,415,463 | 21,688,519 | 223,022,166 | 14,534,237 | 172,376,402 | 10,106,017 | 28,866,221 | 1,912,958 |
| Kansas | 8,840,661 | 8,583,954 | 96,836,879 | 6,683,321 | 75,034,456 | 4,947,860 | 13,131,224 | 852,462 |
| Kentucky | 11,354,208 | 11,149,153 | 104,162,700 | 7,285,800 | 86,117,200 | 5,382,696 | 8,365,322 | 652,885 |
| Louisiana | 14,517,523 | 14,293,885 | 135,983,498 | 9,435,184 | 109,968,231 | 7,455,747 | 16,073,376 | 1,117,798 |
| Maine | 7,550,164 | 7,173,343 | 61,551,533 | 4,047,047 | 52,330,712 | 3,267,811 | 5,466,891 | 371,416 |
| Maryland | 25,658,825 | 25,197,288 | 195,560,552 | 13,812,939 | 152,260,669 | 10,017,231 | 22,994,668 | 1,650,132 |
| Massachusetts | 79,360,194 | 75,075,769 | 502,215,751 | 36,674,768 | 360,241,102 | 23,785,991 | 78,555,375 | 5,811,023 |
| Michigan | 63,885,026 | 62,188,075 | 501,286,812 | 36,848,747 | 334,123,045 | 21,391,984 | 86,040,448 | 6,446,028 |
| Minnesota | 24,721,835 | 23,968,614 | 176,813,250 | 14,638,796 | 128,676,296 | 9,390,353 | 25,135,471 | 1,990,989 |
| Mississippi | 3,909,516 | 3,782,651 | 43,883,723 | 3,076,806 | 35,299,989 | 2,420,563 | 3,219,700 | 220,581 |
| Missouri | 44,721,703 | 43,982,421 | 363,347,962 | 24,626,306 | 273,248,758 | 16,533,592 | 44,274,302 | 3,112,779 |
| Montana | 4,020,290 | 3,848,102 | 38,282,739 | 3,058,830 | 29,518,839 | 2,214,071 | 5,277,640 | 412,996 |
| Nebraska | 10,559,601 | 10,336,922 | 95,443,548 | 6,779,594 | 68,515,982 | 4,262,850 | 16,411,288 | 1,117,886 |
| Nevada | 620,791 | 574,416 | 4,716,995 | 393,498 | 3,021,613 | 237,644 | 965,603 | 76,700 |
| New Hampshire | 4,300,639 | 3,978,551 | 37,018,584 | 2,636,444 | 28,872,583 | 1,912,045 | 3,796,385 | 285,122 |
| New Jersey | 65,750,757 | 62,789,888 | 449,876,277 | 36,464,353 | 261,048,406 | 18,444,481 | 87,722,041 | 6,352,735 |
| New Mexico | 1,756,121 | 1,672,593 | 16,205,021 | 1,362,278 | 12,411,595 | 1,000,546 | 2,069,703 | 176,705 |
| New York | 242,882,633 | 237,487,344 | 1,462,827,344 | 121,045,746 | 832,228,367 | 60,118,577 | 323,447,307 | 24,091,356 |
| North Carolina | 12,712,219 | 12,452,691 | 116,462,638 | 8,929,412 | 98,242,755 | 7,226,890 | 4,772,515 | 345,176 |
| North Dakota | 2,913,920 | 2,848,982 | 23,368,052 | 1,867,379 | 17,436,034 | 1,290,549 | 2,954,403 | 226,067 |
| Ohio | 103,602,674 | 100,782,623 | 757,744,663 | 58,641,807 | 525,735,164 | 35,212,978 | 134,187,191 | 10,466,431 |
| Oklahoma | 10,621,788 | 10,315,904 | 110,616,609 | 7,735,318 | 88,120,377 | 5,969,911 | 14,910,540 | 990,717 |
| Oregon | 10,682,384 | 10,161,809 | 85,457,796 | 7,036,940 | 57,360,729 | 4,409,710 | 18,608,127 | 1,492,232 |
| Pennsylvania | 141,975,441 | 137,298,658 | 1,009,642,714 | 78,351,455 | 712,858,251 | 50,203,068 | 161,851,093 | 12,449,358 |
| Rhode Island | 10,110,978 | 9,775,242 | 93,551,677 | 6,532,200 | 72,224,447 | 4,771,558 | 14,397,582 | 1,006,073 |
| South Carolina | 6,190,938 | 5,958,577 | 48,567,171 | 3,808,428 | 39,694,002 | 3,002,067 | 2,374,813 | 174,722 |
| South Dakota | 3,861,346 | 3,753,522 | 27,657,085 | 2,133,395 | 20,369,919 | 1,441,019 | 3,623,919 | 270,240 |
| Tennessee | 15,732,722 | 15,487,497 | 138,099,910 | 9,229,550 | 114,509,429 | 7,286,435 | 7,850,121 | 528,093 |
| Texas | 37,155,907 | 36,401,191 | 372,578,513 | 25,153,908 | 315,987,623 | 20,311,856 | 30,391,044 | 2,165,708 |
| Utah | 4,243,093 | 4,089,638 | 38,535,766 | 2,655,109 | 28,093,348 | 1,782,345 | 6,883,388 | 453,764 |
| Vermont | 2,254,874 | 2,162,484 | 22,674,795 | 1,623,006 | 17,813,077 | 1,198,090 | 2,887,972 | 208,531 |
| Virginia | 13,989,146 | 13,329,625 | 115,790,320 | 8,407,089 | 97,481,465 | 6,630,105 | 5,872,467 | 418,234 |
| Washington | 19,157,696 | 18,807,119 | 142,930,455 | 11,629,410 | 88,511,028 | 6,736,338 | 31,829,241 | 2,427,593 |
| West Virginia | 10,663,210 | 10,297,117 | 112,066,701 | 8,073,033 | 97,025,828 | 6,724,409 | 8,809,527 | 666,933 |
| Wisconsin | 29,253,726 | 28,370,035 | 217,706,305 | 17,450,640 | 137,138,489 | 9,509,456 | 43,801,182 | 3,364,641 |
| Wyoming | 1,315,075 | 1,212,534 | 11,120,289 | 923,980 | 7,686,524 | 617,234 | 1,946,096 | 147,141 |

See footnotes at end of table.

TABLE 6.—PRODUCTS OF THE "BREAD AND OTHER BAKERY PRODUCTS (EXCEPT BISCUIT, CRACKERS, AND PRETZELS)" INDUSTRY AND OF THE "BISCUIT, CRACKERS, AND PRETZELS" INDUSTRY COMBINED, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939—Continued

| STATE | BAKERY PRODUCTS REPORTED IN DETAIL—continued | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Bread and other yeast-raised products—Continued | | | | Crackers, biscuit (not including raised biscuit), sponge goods, sweet goods, machine-made cookies, etc. | | Pretzels | |
| | Variety or specialty breads | | Rolls and coffee cake | | | | | |
| | Pounds | Value | Pounds | Value | Pounds | Value | Pounds | Value |
| United States | 462,580,364 | $37,427,771 | 1,068,301,630 | $140,135,167 | 1,611,558,354 | $207,692,680 | 52,331,396 | $6,062,438 |
| Alabama | 1,384,828 | 114,101 | 9,459,087 | 873,291 | 13,771,200 | 1,651,685 | | |
| Arizona | 835,370 | 71,236 | 3,827,062 | 442,423 | (2) | (2) | | |
| Arkansas | 1,314,856 | 86,360 | 3,149,190 | 293,693 | 8,264,663 | 824,394 | | |
| California | 69,699,025 | 5,762,487 | 52,002,194 | 7,457,764 | 70,994,310 | 10,579,874 | 39,826 | 5,662 |
| Colorado | 3,840,493 | 285,811 | 8,212,773 | 1,033,974 | (2) | (2) | | |
| Connecticut | 6,795,764 | 596,025 | 17,065,121 | 2,253,811 | 803,778 | 119,616 | (2) | (2) |
| Delaware | 771,206 | 69,174 | 2,881,098 | 346,115 | 176,522 | 29,386 | | |
| District of Columbia | 3,056,581 | 267,336 | 11,873,392 | 1,395,764 | 1,697,847 | 179,039 | (2) | (2) |
| Florida | 6,800,221 | 615,965 | 13,338,631 | 1,346,169 | 1,575,828 | 234,096 | | |
| Georgia | 2,186,528 | 185,174 | 11,279,649 | 1,037,926 | (2) | (2) | (2) | (2) |
| Idaho | 665,868 | 65,610 | 1,317,217 | 211,706 | 148,655 | 24,243 | | |
| Illinois | 38,521,716 | 3,129,091 | 99,408,629 | 14,223,939 | 226,155,032 | 28,252,446 | 439,274 | 58,884 |
| Indiana | 6,442,641 | 475,655 | 22,492,981 | 3,003,867 | 29,751,992 | 3,272,367 | 127,330 | 16,891 |
| Iowa | 6,456,256 | 517,435 | 15,323,287 | 1,997,827 | 55,509,094 | 4,824,061 | 8,830 | 1,718 |
| Kansas | 3,242,157 | 238,869 | 5,429,042 | 644,130 | (2) | (2) | | |
| Kentucky | 1,639,804 | 139,122 | 8,040,374 | 1,111,097 | (2) | (2) | | |
| Louisiana | 5,672,927 | 382,759 | 4,268,964 | 478,880 | 14,960,451 | 2,500,420 | (2) | (2) |
| Maine | 1,142,407 | 83,153 | 2,611,523 | 324,667 | (2) | (2) | | |
| Maryland | 7,476,836 | 597,419 | 12,828,379 | 1,548,157 | 28,422,879 | 3,705,841 | (2) | (2) |
| Massachusetts | 25,642,890 | 2,141,577 | 37,776,384 | 4,936,177 | 98,133,777 | 12,818,088 | (2) | (2) |
| Michigan | 28,235,290 | 2,132,814 | 52,888,029 | 6,877,921 | 79,245,310 | 9,102,338 | 127,369 | 20,052 |
| Minnesota | 4,271,661 | 391,239 | 18,729,822 | 2,866,215 | 33,160,705 | 3,627,956 | (2) | (2) |
| Mississippi | 388,919 | 28,711 | 4,975,115 | 406,951 | (2) | (2) | | |
| Missouri | 15,542,289 | 1,069,338 | 30,282,613 | 3,910,597 | 86,509,460 | 9,572,898 | (2) | (2) |
| Montana | 1,220,753 | 110,824 | 2,265,507 | 320,939 | 91,277 | 15,810 | (2) | (2) |
| Nebraska | 1,985,374 | 166,034 | 8,530,904 | 1,232,824 | 11,538,920 | 1,417,868 | | |
| Nevada | 326,987 | 28,732 | 402,792 | 50,422 | (2) | (2) | | |
| New Hampshire | 2,179,850 | 172,484 | 2,169,766 | 266,793 | 115,368 | 22,423 | | |
| New Jersey | 33,779,328 | 2,746,939 | 67,326,502 | 8,920,198 | 77,111,677 | 7,134,595 | 1,757,885 | 190,946 |
| New Mexico | 594,192 | 54,407 | 1,129,531 | 130,620 | (2) | (2) | | |
| New York | 72,519,656 | 5,686,380 | 234,632,014 | 31,149,433 | 250,970,486 | 41,422,530 | 1,616,268 | 218,598 |
| North Carolina | 2,131,400 | 198,884 | 11,315,968 | 1,158,462 | (2) | (2) | (2) | (2) |
| North Dakota | 414,447 | 36,871 | 2,563,168 | 313,892 | (2) | (2) | | |
| Ohio | 20,987,154 | 1,842,369 | 76,835,154 | 11,120,029 | 136,735,132 | 18,303,144 | 4,495,271 | 590,370 |
| Oklahoma | 1,760,628 | 147,900 | 5,825,064 | 626,790 | (2) | (2) | (2) | (2) |
| Oregon | 3,983,405 | 350,446 | 5,505,535 | 784,552 | 8,179,202 | 1,141,234 | (2) | (2) |
| Pennsylvania | 35,465,731 | 2,858,094 | 99,467,639 | 12,840,935 | 123,051,401 | 16,683,067 | 32,572,041 | 3,940,160 |
| Rhode Island | 3,097,527 | 247,934 | 3,832,121 | 506,635 | 285,532 | 40,453 | | |
| South Carolina | 707,101 | 57,940 | 5,791,255 | 573,699 | (2) | (2) | | |
| South Dakota | 1,321,023 | 133,705 | 2,342,224 | 288,431 | (2) | (2) | | |
| Tennessee | 3,377,912 | 231,652 | 12,362,448 | 1,183,370 | 24,111,312 | 2,868,420 | (2) | (2) |
| Texas | 10,402,771 | 820,502 | 15,797,075 | 1,855,842 | 35,999,805 | 4,588,508 | (2) | (2) |
| Utah | 1,038,787 | 81,171 | 2,520,243 | 337,829 | 6,050,145 | 732,114 | (2) | (2) |
| Vermont | 571,366 | 44,794 | 1,402,380 | 171,591 | (2) | (2) | | |
| Virginia | 2,284,953 | 170,105 | 10,151,435 | 1,188,645 | (2) | (2) | | |
| Washington | 11,614,414 | 1,003,612 | 10,975,772 | 1,461,867 | 23,849,994 | 2,856,558 | | |
| West Virginia | 1,104,332 | 91,931 | 5,127,014 | 589,760 | 377,357 | 54,582 | | |
| Wisconsin | 7,168,576 | 654,781 | 29,598,058 | 3,921,762 | 36,962,633 | 4,118,316 | (2) | (2) |
| Wyoming | 516,164 | 42,819 | 971,505 | 116,786 | (2) | (2) | (2) | (2) |

See footnotes at end of table.

TABLE 6.—PRODUCTS OF THE "BREAD AND OTHER BAKERY PRODUCTS (EXCEPT BISCUIT, CRACKERS, AND PRETZELS)" INDUSTRY AND OF THE "BISCUIT, CRACKERS, AND PRETZELS" INDUSTRY COMBINED, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939—Continued

| STATE | BAKERY PRODUCTS REPORTED IN DETAIL—continued | | | | | | | | Bakery and other products not reported in detail, value | Other products, etc., value [3] |
|---|---|---|---|---|---|---|---|---|---|---|
| | Soft cakes | | | | | | Pies, value | Pastries (French and Danish), cream puffs, etc., value | | |
| | All types of cake—pound, layer, package, fruit, etc. | | Cookies (hand-made) | | Doughnuts, crullers, and other fried cakes | | | | | |
| | Pounds | Value | Pounds | Value | Dozens | Value | | | | |
| United States | 953,194,658 | $186,131,250 | 111,986,405 | $19,716,112 | 336,018,613 | $55,374,860 | $75,121,037 | $24,345,898 | $26,048,371 | $14,029,890 |
| Alabama | 10,088,708 | 1,775,334 | 140,484 | 25,625 | 751,210 | 109,968 | 134,759 | 27,499 | 306,014 | 131,613 |
| Arizona | 744,035 | 141,077 | 198,109 | 31,812 | 854,990 | 177,011 | 257,924 | (2) | ---------- | 45,998 |
| Arkansas | 4,661,756 | 765,483 | (2) | (2) | 816,219 | 137,871 | 94,007 | (2) | 64,147 | 25,216 |
| California | 56,748,324 | 11,491,992 | 7,940,713 | 1,492,397 | 19,074,871 | 3,785,546 | 7,276,893 | 1,664,206 | 1,137,165 | 419,727 |
| Colorado | 4,631,412 | 865,024 | 628,539 | 107,004 | 2,784,779 | 470,308 | 552,316 | (2) | 274,989 | 27,935 |
| Connecticut | 12,317,017 | 2,334,840 | 1,883,497 | 283,594 | 8,564,051 | 1,390,448 | 2,792,383 | (2) | 709,484 | 142,548 |
| Delaware | 307,166 | 82,463 | 83,898 | 24,388 | 918,537 | 155,783 | 92,161 | 21,706 | (2) | (2) |
| District of Columbia | 8,440,426 | 1,659,942 | 260,282 | 72,666 | 1,995,450 | 374,077 | 860,193 | (2) | 65,133 | 222,207 |
| Florida | 11,545,834 | 2,120,748 | 552,232 | 95,905 | 2,153,536 | 316,722 | 436,164 | 136,558 | 707,747 | 89,430 |
| Georgia | 16,993,489 | 2,613,089 | 291,667 | 61,102 | 1,117,755 | 206,386 | 306,036 | 54,243 | 148,846 | 40,432 |
| Idaho | 1,032,652 | 203,706 | 360,915 | 55,027 | 539,254 | 107,879 | 96,545 | 25,188 | (2) | (2) |
| Illinois | 72,268,828 | 13,979,630 | 10,140,762 | 1,877,049 | 25,942,580 | 4,422,562 | 8,006,011 | 1,708,493 | 1,406,740 | 906,935 |
| Indiana | 10,984,619 | 2,161,518 | 3,121,796 | 462,182 | 9,137,447 | 1,398,992 | 1,101,087 | 386,288 | 967,994 | 131,331 |
| Iowa | 4,667,826 | 916,516 | 1,695,989 | 279,306 | 4,256,993 | 695,625 | 326,747 | 110,309 | 436,466 | 290,478 |
| Kansas | 1,853,700 | 345,829 | 766,187 | 114,206 | 1,532,350 | 257,927 | 541,472 | (2) | 191,458 | 65,249 |
| Kentucky | 8,129,458 | 1,331,573 | 510,724 | 109,436 | 3,044,156 | 462,359 | 513,184 | (2) | 138,999 | 66,056 |
| Louisiana | 6,549,241 | 1,219,742 | 948,687 | 142,701 | 1,759,679 | 264,905 | 643,821 | (2) | 148,413 | 75,225 |
| Maine | 3,563,696 | 725,154 | 443,983 | 78,406 | 5,207,027 | 946,151 | (2) | 85,729 | (2) | (2) |
| Maryland | 22,115,635 | 4,064,709 | 598,083 | 117,986 | 9,011,032 | 1,206,107 | 1,724,654 | (2) | 65,879 | 395,658 |
| Massachusetts | 69,397,468 | 13,173,410 | 5,135,752 | 991,549 | 32,840,550 | 5,637,223 | 4,209,993 | (2) | 2,645,384 | 1,639,041 |
| Michigan | 38,677,909 | 7,084,328 | 7,821,149 | 1,400,609 | 23,806,151 | 3,381,184 | 3,747,747 | 603,070 | 1,510,656 | 186,295 |
| Minnesota | 12,418,073 | 2,640,940 | 2,908,848 | 490,936 | 7,104,480 | 1,259,741 | 975,400 | (2) | 295,279 | 457,942 |
| Mississippi | 2,704,416 | 427,011 | 210,897 | 32,612 | 292,532 | 51,245 | 63,482 | (2) | 109,530 | 17,335 |
| Missouri | 31,104,934 | 5,891,865 | 1,774,083 | 304,827 | 7,839,695 | 1,113,158 | 1,786,961 | (2) | 461,672 | 277,610 |
| Montana | 2,092,649 | 367,397 | 846,362 | 142,350 | 669,486 | 132,144 | (2) | (2) | 94,528 | 77,660 |
| Nebraska | 5,735,523 | 1,187,224 | 1,493,933 | 211,756 | 1,673,576 | 278,567 | 401,026 | 60,887 | 93,575 | 129,104 |
| Nevada | 251,277 | 59,060 | (2) | (2) | 254,086 | 44,672 | 35,565 | 16,402 | (2) | (2) |
| New Hampshire | 2,695,681 | 489,681 | 220,322 | 41,722 | 2,974,170 | 559,629 | 138,756 | 89,896 | 240,323 | 81,765 |
| New Jersey | 52,208,966 | 10,309,926 | 4,190,444 | 793,975 | 15,049,313 | 2,502,728 | 3,843,490 | 1,549,875 | 2,041,063 | 919,806 |
| New Mexico | 426,516 | 84,658 | 130,356 | 24,178 | 402,713 | 70,107 | 86,813 | (2) | (2) | (2) |
| New York | 181,675,660 | 38,264,353 | 21,601,021 | 3,948,805 | 57,600,457 | 9,612,991 | 13,943,108 | 9,031,213 | 2,941,006 | 2,454,283 |
| North Carolina | 14,038,897 | 2,549,159 | 364,578 | 66,505 | 1,394,649 | 221,136 | 327,149 | 91,040 | 204,994 | 54,534 |
| North Dakota | 436,916 | 86,758 | 328,640 | 54,746 | 430,255 | 77,752 | 24,267 | (2) | 47,089 | 17,849 |
| Ohio | 59,257,391 | 11,634,432 | 7,649,772 | 1,458,049 | 25,555,536 | 3,847,012 | 5,102,077 | 1,205,732 | 1,800,342 | 1,019,709 |
| Oklahoma | 4,409,712 | 876,501 | 812,458 | 149,644 | 1,564,593 | 288,016 | 549,163 | 97,333 | 240,512 | 65,372 |
| Oregon | 2,897,587 | 703,436 | 938,707 | 166,382 | 2,262,069 | 407,665 | 535,971 | (2) | 426,291 | 94,284 |
| Pennsylvania | 118,285,774 | 23,309,121 | 10,561,368 | 1,846,386 | 23,845,017 | 3,851,180 | 7,680,854 | 1,636,435 | 2,854,029 | 1,822,754 |
| Rhode Island | 8,678,550 | 1,573,219 | 740,295 | 144,864 | 5,362,615 | 786,032 | 521,688 | 176,786 | 225,615 | 110,121 |
| South Carolina | 8,791,430 | 1,250,642 | (2) | (2) | 202,255 | 34,961 | 29,837 | (2) | 131,001 | 101,360 |
| South Dakota | 489,884 | 100,400 | 537,230 | 82,578 | 854,123 | 122,418 | 66,402 | (2) | 37,543 | 70,281 |
| Tennessee | 13,754,319 | 2,450,806 | 1,302,568 | 200,666 | 1,389,744 | 212,319 | 491,682 | (2) | (2) | (2) |
| Texas | 19,518,062 | 3,673,544 | 3,742,654 | 578,136 | 3,914,520 | 628,248 | 1,430,550 | (2) | 336,897 | 417,819 |
| Utah | 2,451,321 | 434,635 | 76,499 | 14,950 | 468,037 | 108,018 | 127,997 | (2) | (2) | (2) |
| Vermont | 794,648 | 168,538 | 183,863 | 29,018 | 1,053,146 | 197,698 | 75,189 | (2) | (2) | (2) |
| Virginia | 10,349,201 | 1,960,112 | 265,365 | 47,067 | 1,635,059 | 255,904 | 740,673 | (2) | 585,022 | 74,499 |
| Washington | 10,892,837 | 2,201,140 | 1,875,409 | 303,370 | 4,144,546 | 742,872 | 882,381 | 191,388 | 298,884 | 51,693 |
| West Virginia | 7,203,766 | 1,499,451 | 305,006 | 47,433 | 854,514 | 156,708 | 433,743 | 32,167 | 252,577 | 113,516 |
| Wisconsin | 13,397,200 | 2,795,461 | 2,064,813 | 383,076 | 10,739,636 | 1,838,983 | 788,520 | (2) | 673,022 | 210,669 |
| Wyoming | 514,269 | 85,673 | 142,482 | 22,565 | 379,174 | 67,922 | 65,571 | 36,931 | 95,798 | 6,743 |

[1] Does not include the value of bakery goods ($1,165,616) made as secondary products by establishments classified in other industries.
[2] Data for specified products withheld for this State to avoid disclosing, exactly or approximately, the production of individual establishments but included in the "Total value" column for "Bakery products reported in detail," and in the United States total for the specified items.
[3] Miscellaneous products, receipts for contract work, merchandise (goods bought and sold without processing).

TABLE 7.—PRINCIPAL MATERIALS CONSUMED IN THE BAKERY PRODUCTS SUBGROUP OF INDUSTRIES, BY KIND, QUANTITY, AND COST, FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | | | 1937 | | | 1929 |
|---|---|---|---|---|---|---|---|
| | Total for the industries | Reported by bakeries classified in— "Bread and other bakery products (except biscuit, crackers, and pretzels)" industry [1] | Reported by bakeries classified in— "Biscuit, crackers, and pretzels" industry [2] | Total for the industries | Reported by bakeries classified in— "Bread and other bakery products (except biscuit, crackers, and pretzels)" industry [3] | Reported by bakeries classified in— "Biscuit, crackers, and pretzels" industry [4] | Total for the industries [5] |
| Flour: | | | | | | | |
| Total barrels | 46,984,034 | 41,291,437 | 5,692,597 | 44,292,764 | 38,564,899 | 5,727,865 | 42,998,651 |
| Total cost | $215,618,942 | $194,247,502 | $21,371,440 | $266,479,439 | $236,986,120 | $29,493,319 | $277,820,827 |
| Wheat— | | | | | | | |
| Total barrels | 43,817,485 | 38,191,897 | 5,625,588 | 41,515,936 | 35,862,039 | 5,653,897 | 39,994,507 |
| Total cost | $197,247,652 | $176,148,554 | $21,099,098 | $248,397,460 | $219,238,030 | $29,159,430 | $257,894,674 |
| White— | | | | | | | |
| Barrels | 41,867,968 | 36,350,191 | 5,517,777 | 39,803,573 | 34,286,889 | 5,516,684 | 38,595,082 |
| Cost | $188,033,486 | $167,324,808 | $20,708,678 | $237,776,105 | $209,283,743 | $28,492,362 | $248,625,455 |
| Whole-wheat (including graham)— | | | | | | | |
| Barrels | 1,949,517 | 1,841,706 | 107,811 | 1,712,363 | 1,575,150 | 137,213 | 1,399,425 |
| Cost | $9,214,166 | $8,823,746 | $390,420 | $10,621,355 | $9,954,287 | $667,068 | $9,269,219 |
| Rye— | | | | | | | |
| Barrels | 1,706,921 | 1,681,405 | 25,516 | 1,559,038 | 1,524,139 | 34,899 | 1,592,561 |
| Cost | $7,602,757 | $7,518,718 | $84,039 | $8,314,216 | $8,172,377 | $141,839 | $10,185,835 |
| Other flour— | | | | | | | |
| Barrels | 1,459,628 | 1,418,135 | 41,493 | 1,217,790 | 1,178,721 | 39,069 | 1,411,583 |
| Cost | $10,768,533 | $10,580,230 | $188,303 | $9,767,763 | $9,575,713 | $192,050 | $9,740,318 |
| Sugar: | | | | | | | |
| Total pounds | 1,256,012,386 | 1,015,479,639 | 240,532,747 | 1,130,639,487 | 912,356,961 | 218,282,526 | 977,101,597 |
| Total cost | $58,948,204 | $48,185,174 | $10,763,030 | $55,031,680 | $44,596,500 | $10,435,180 | $52,701,215 |
| Beet— | | | | | | | |
| Pounds | 383,127,668 | 276,314,405 | 106,813,263 | 278,819,580 | 205,312,168 | 73,507,412 | |
| Cost | $18,143,840 | $13,269,147 | $4,874,693 | $13,874,603 | $10,280,450 | $3,594,153 | |
| Cane— | | | | | | | |
| Pounds | 742,210,826 | 620,608,362 | 121,602,464 | 749,449,194 | 610,655,996 | 138,793,198 | |
| Cost | $35,682,368 | $30,262,784 | $5,419,584 | $36,901,546 | $30,315,071 | $6,586,475 | |
| Corn— | | | | | | | (6) |
| Pounds | 130,673,892 | 118,556,872 | 12,117,020 | 102,370,713 | 96,388,797 | 5,981,916 | |
| Cost | $5,121,996 | $4,653,243 | $468,753 | $4,255,531 | $4,000,979 | $254,552 | |
| Corn sirup: | | | | | | | |
| Pounds | 50,383,909 | 26,037,856 | 24,346,053 | (6) | (6) | (6) | |
| Cost | $1,679,643 | $1,010,534 | $669,109 | $1,773,434 | $985,885 | $787,549 | |
| Eggs, fresh, frozen, dried, or canned, cost [7] | $33,897,687 | $33,026,557 | $871,130 | $32,834,612 | $31,995,414 | $839,198 | $42,770,484 |
| Butter: | | | | | | | |
| Pounds | 39,181,843 | 36,707,009 | 2,474,834 | | | | |
| Cost | $10,802,028 | $10,178,732 | $623,296 | 55,571,347 | 41,493,065 | 14,078,282 | 50,056,612 |
| Oleomargarine: | | | | | | | |
| Pounds | 31,017,544 | 20,425,230 | 10,592,314 | $13,303,242 | $11,151,095 | $2,152,147 | $16,004,736 |
| Cost | $3,446,082 | $2,511,172 | $934,910 | | | | |
| Lard: | | | | | | | |
| Pounds | 284,171,707 | 234,920,531 | 49,251,176 | 175,712,844 | 154,374,199 | 21,338,645 | 253,383,204 |
| Cost | $22,443,843 | $19,017,387 | $3,426,456 | $21,157,668 | $18,645,978 | $2,511,690 | $30,946,561 |
| Shortenings other than lard: | | | | | | | |
| Pounds | 411,379,490 | 327,466,498 | 83,912,992 | 441,635,789 | 339,189,633 | 102,446,156 | 259,361,964 |
| Cost | $40,581,315 | $33,704,621 | $6,876,694 | $52,600,847 | $40,861,773 | $11,739,074 | $32,314,902 |
| Milk: | | | | | | | |
| Total pounds | 476,204,974 | 466,881,399 | 9,323,575 | 447,076,964 | 437,373,389 | 9,703,575 | 358,145,835 |
| Total cost | $27,807,957 | $27,233,317 | $574,640 | $28,048,241 | $27,454,821 | $593,420 | $26,734,457 |
| Fluid— | | | | | | | |
| Pounds | 137,796,142 | 136,210,041 | 1,586,101 | 128,451,511 | 126,140,150 | 2,311,361 | 111,597,891 |
| Cost | $5,487,688 | $5,458,488 | $29,200 | $5,608,733 | $5,571,523 | $37,210 | $5,789,361 |
| Condensed and evaporated— | | | | | | | |
| Pounds | 169,729,594 | 167,929,904 | 1,799,690 | 181,836,209 | 178,936,845 | 2,899,364 | 173,240,892 |
| Cost | $9,655,898 | $9,565,098 | $90,800 | $10,751,341 | $10,568,759 | $182,582 | $13,521,529 |
| Powdered— | | | | | | | |
| Pounds | 168,679,238 | 162,741,454 | 5,937,784 | 136,789,244 | 132,296,394 | 4,492,850 | 73,307,052 |
| Cost | $12,664,371 | $12,209,731 | $454,640 | $11,688,167 | $11,314,539 | $373,628 | $7,423,567 |
| Malt extract: | | | | | | | |
| Pounds | 40,175,756 | 36,943,795 | 3,231,961 | | | | 52,033,547 |
| Cost | $2,913,022 | $2,717,547 | $195,475 | (6) | (6) | (6) | $3,600,790 |
| Fruit, cost | $21,970,746 | $20,676,327 | $1,294,419 | | | | (6) |
| Yeast: | | | | | | | |
| Pounds | 147,770,275 | 146,000,986 | 1,769,289 | 139,209,757 | 137,555,500 | 1,654,257 | 108,304,924 |
| Cost | $20,642,179 | $20,403,348 | $238,831 | $21,789,360 | $21,551,144 | $238,216 | $20,103,979 |
| Salt: | | | | | | | |
| Pounds | 189,205,224 | 161,863,248 | 27,341,976 | (6) | (6) | (6) | (6) |
| Cost | $1,854,337 | $1,613,811 | $240,526 | | | | |
| Containers (boxes, cartons, paper wrappers, etc.), cost | $82,064,305 | $62,138,361 | $19,925,944 | $74,576,203 | $55,280,066 | $19,296,137 | (6) |

[1] Detailed data reported by 17,172 establishments, whose value of products amounted to 97.8 percent of the total value of products for the industry.
[2] Detailed data reported by 344 establishments, whose value of products amounted to 99.8 percent of the total value of products for the industry.
[3] Detailed data reported by 14,731 establishments, whose value of products amounted to 94.1 percent of the total value of products for the industry.
[4] Detailed data reported by 306 establishments, whose value of products amounted to 99.7 percent of the total value of products for the industry.
[5] Separate data for the two industries not available. Detailed data for the combined industries reported by 9,990 establishments, whose value of products amounted to 90.8 percent of the total value of products for the industries.
[6] Data not availalbe.
[7] Figures for 1937 and 1929 were reported as "Eggs, fresh, frozen, or dried."

TABLE 8.—PRINCIPAL MATERIALS CONSUMED IN THE "BREAD AND OTHER BAKERY PRODUCTS (EXCEPT BISCUIT, CRACKERS, AND PRETZELS)" INDUSTRY AND IN THE "BISCUIT, CRACKERS, AND PRETZELS" INDUSTRY COMBINED, BY KIND, QUANTITY, AND COST, BY STATES: 1939

[The combined value of products reported by the 17,516 establishments that supplied detailed data on materials consumed represented 98.1 percent of the total value of products for the two industries named]

| STATE | FLOUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total | | Wheat flour | | | | | | Rye flour | | Other flour | |
| | | | Total | | White | | Whole-wheat (including graham) | | | | | |
| | Barrels | Cost | Barrels | Cost | Barrels | Cost | Barrels | Cost | Barrels | Cost | Barrels | Cost |
| United States | 46,984,034 | $215,618,942 | 43,817,485 | $197,247,652 | 41,867,968 | $188,033,486 | 1,949,517 | $9,214,166 | 1,706,921 | $7,602,757 | 1,459,628 | $10,768,533 |
| Alabama | 339,112 | 1,493,417 | 336,023 | 1,473,709 | 327,418 | 1,431,884 | 8,605 | 41,825 | 657 | 3,331 | 2,432 | 16,377 |
| Arizona | 120,784 | 592,206 | 117,964 | 573,230 | 109,783 | 530,321 | 8,181 | 42,909 | 609 | 3,455 | 2,211 | 15,521 |
| Arkansas | 243,910 | 954,073 | 238,992 | 921,136 | 234,189 | 899,340 | 4,803 | 21,796 | 754 | 3,717 | 4,164 | 29,220 |
| California | 2,903,541 | 13,049,966 | 2,769,802 | 12,145,997 | 2,538,529 | 11,121,758 | 231,273 | 1,024,239 | 53,912 | 261,720 | 79,827 | 642,249 |
| Colorado | 383,958 | 1,555,681 | 372,556 | 1,488,347 | 351,557 | 1,404,247 | 20,999 | 84,100 | 4,960 | 20,822 | 6,442 | 46,512 |
| Connecticut | 661,080 | 3,431,463 | 592,777 | 2,989,685 | 560,265 | 2,822,756 | 32,512 | 166,929 | 44,026 | 212,734 | 24,277 | 229,044 |
| Delaware | 84,545 | 421,450 | 80,971 | 400,147 | 77,515 | 382,991 | 3,456 | 17,156 | 2,616 | 13,247 | 958 | 8,056 |
| District of Columbia | 367,890 | 1,704,928 | 348,342 | 1,588,471 | 334,468 | 1,520,017 | 13,874 | 68,454 | 12,865 | 70,288 | 6,683 | 46,169 |
| Floridia | 472,404 | 2,270,253 | 449,469 | 2,121,339 | 422,407 | 1,980,051 | 27,062 | 141,288 | 8,020 | 39,983 | 14,915 | 108,931 |
| Georgia | 464,192 | 2,147,799 | 457,574 | 2,104,736 | 445,690 | 2,042,443 | 11,884 | 62,293 | 2,658 | 14,180 | 3,960 | 28,883 |
| Idaho | 86,201 | 412,666 | 84,244 | 396,556 | 75,235 | 355,268 | 9,009 | 41,288 | 549 | 2,754 | 1,408 | 13,356 |
| Illinois | 3,718,637 | 15,803,316 | 3,382,710 | 14,101,007 | 3,254,009 | 13,519,530 | 128,701 | 581,477 | 198,639 | 768,703 | 137,288 | 933,606 |
| Indiana | 1,261,028 | 5,496,165 | 1,220,798 | 5,244,684 | 1,187,500 | 5,089,542 | 33,298 | 155,142 | 15,668 | 64,535 | 24,562 | 186,946 |
| Iowa | 981,071 | 3,748,536 | 935,490 | 3,520,623 | 897,787 | 3,364,035 | 37,703 | 156,588 | 14,274 | 52,071 | 31,307 | 175,842 |
| Kansas | 407,955 | 1,574,199 | 397,309 | 1,496,359 | 377,838 | 1,413,749 | 19,471 | 82,610 | 2,084 | 9,420 | 8,562 | 68,420 |
| Kentucky | 456,539 | 2,081,817 | 445,184 | 1,993,139 | 435,800 | 1,945,652 | 9,384 | 47,487 | 3,988 | 17,319 | 7,367 | 71,359 |
| Louisiana | 596,034 | 2,706,611 | 588,984 | 2,665,273 | 575,719 | 2,599,233 | 13,265 | 66,040 | 2,155 | 11,503 | 4,895 | 29,835 |
| Maine | 265,490 | 1,278,819 | 252,552 | 1,169,474 | 245,206 | 1,132,869 | 7,346 | 36,605 | 3,458 | 15,775 | 9,480 | 93,570 |
| Maryland | 904,823 | 4,206,680 | 854,289 | 3,871,971 | 829,479 | 3,759,898 | 24,810 | 112,073 | 18,819 | 79,134 | 31,715 | 255,575 |
| Massachusetts | 2,465,892 | 12,053,366 | 2,287,915 | 10,781,124 | 2,195,738 | 10,289,719 | 92,177 | 491,405 | 80,710 | 389,447 | 97,267 | 882,795 |
| Michigan | 2,280,392 | 10,336,946 | 2,104,282 | 9,175,916 | 1,985,298 | 8,611,095 | 118,984 | 564,821 | 84,485 | 399,524 | 91,625 | 761,506 |
| Minnesota | 790,358 | 3,466,805 | 731,700 | 3,191,214 | 692,408 | 3,019,004 | 39,292 | 172,210 | 31,677 | 106,976 | 26,981 | 168,615 |
| Mississippi | 145,301 | 633,836 | 143,649 | 624,401 | 139,634 | 602,734 | 4,015 | 21,667 | 341 | 1,761 | 1,311 | 7,674 |
| Missouri | 1,720,705 | 6,746,355 | 1,669,396 | 6,478,598 | 1,614,176 | 6,250,775 | 55,220 | 227,823 | 30,490 | 124,279 | 20,819 | 143,478 |
| Montana | 123,935 | 670,344 | 117,305 | 631,258 | 108,730 | 584,218 | 8,575 | 47,040 | 2,224 | 11,812 | 4,406 | 27,274 |
| Nebraska | 396,817 | 1,668,825 | 376,943 | 1,557,354 | 362,852 | 1,496,446 | 14,091 | 60,908 | 12,143 | 54,177 | 7,731 | 57,294 |
| Nevada | 23,168 | 114,013 | 21,463 | 103,137 | 19,806 | 94,737 | 1,657 | 8,400 | 313 | 1,725 | 1,392 | 9,151 |
| New Hampshire | 148,302 | 720,874 | 133,685 | 617,835 | 127,475 | 588,745 | 6,210 | 29,090 | 5,004 | 24,817 | 9,613 | 78,222 |
| New Jersey | 2,105,655 | 10,559,519 | 1,836,398 | 9,168,128 | 1,748,762 | 8,708,031 | 87,636 | 460,097 | 156,649 | 728,058 | 112,608 | 603,333 |
| New Mexico | 57,954 | 265,099 | 56,066 | 253,833 | 51,955 | 233,545 | 4,111 | 20,288 | 955 | 5,295 | 933 | 5,971 |
| New York | 7,115,848 | 35,138,377 | 6,273,316 | 30,495,549 | 5,967,567 | 29,002,584 | 305,749 | 1,492,965 | 527,913 | 2,394,178 | 314,619 | 2,248,650 |
| North Carolina | 421,804 | 2,021,313 | 414,756 | 1,968,576 | 404,249 | 1,914,268 | 10,507 | 54,308 | 1,046 | 5,059 | 6,002 | 47,678 |
| North Dakota | 99,366 | 488,295 | 96,199 | 471,212 | 91,879 | 449,214 | 4,320 | 21,998 | 1,523 | 6,594 | 1,644 | 10,489 |
| Ohio | 3,414,510 | 16,084,606 | 3,206,012 | 14,728,662 | 3,091,712 | 14,178,903 | 114,300 | 549,759 | 106,302 | 480,755 | 102,196 | 875,189 |
| Oklahoma | 444,177 | 1,875,485 | 435,630 | 1,816,318 | 413,234 | 1,716,550 | 22,396 | 99,768 | 2,618 | 10,946 | 5,929 | 48,221 |
| Oregon | 342,723 | 1,569,328 | 329,011 | 1,491,423 | 296,157 | 1,337,304 | 32,854 | 154,119 | 7,793 | 36,914 | 5,919 | 40,991 |
| Pennsylvania | 4,585,251 | 21,623,736 | 4,282,542 | 19,968,453 | 4,120,476 | 19,183,919 | 162,066 | 784,534 | 155,190 | 699,185 | 147,519 | 956,098 |
| Rhode Island | 363,935 | 1,770,479 | 345,642 | 1,653,825 | 337,620 | 1,612,812 | 8,022 | 41,013 | 6,777 | 30,152 | 11,516 | 86,502 |
| South Carolina | 189,450 | 859,920 | 187,653 | 849,292 | 183,451 | 827,041 | 4,202 | 22,251 | 1,200 | 5,475 | 597 | 5,153 |
| South Dakota | 128,459 | 611,121 | 121,689 | 563,670 | 115,509 | 534,615 | 6,180 | 29,055 | 2,302 | 10,595 | 4,468 | 36,856 |
| Tennessee | 578,290 | 2,454,179 | 573,225 | 2,423,596 | 562,068 | 2,371,071 | 11,157 | 52,525 | 2,010 | 10,380 | 3,055 | 20,203 |
| Texas | 1,489,957 | 6,117,142 | 1,465,668 | 5,983,605 | 1,410,584 | 5,741,926 | 55,084 | 241,679 | 12,485 | 54,741 | 11,804 | 78,796 |
| Utah | 154,645 | 667,766 | 152,637 | 656,309 | 143,619 | 619,643 | 9,018 | 36,666 | 906 | 4,277 | 1,102 | 7,180 |
| Vermont | 89,642 | 470,707 | 84,013 | 427,948 | 79,874 | 404,634 | 4,139 | 23,314 | 1,677 | 8,309 | 3,952 | 34,450 |
| Virginia | 510,331 | 2,343,558 | 502,118 | 2,289,799 | 489,989 | 2,227,615 | 12,129 | 62,184 | 2,464 | 11,818 | 5,749 | 41,941 |
| Washington | 621,219 | 2,759,802 | 598,018 | 2,616,957 | 537,264 | 2,351,100 | 60,754 | 265,857 | 11,984 | 58,981 | 11,217 | 83,864 |
| West Virginia | 398,869 | 1,921,785 | 391,242 | 1,881,609 | 384,530 | 1,845,377 | 6,712 | 36,232 | 2,541 | 10,712 | 5,086 | 29,464 |
| Wisconsin | 1,008,619 | 4,473,291 | 907,853 | 3,927,403 | 871,304 | 3,759,070 | 36,549 | 168,333 | 62,030 | 241,732 | 38,736 | 304,156 |
| Wyoming | 49,266 | 202,025 | 45,429 | 184,765 | 39,654 | 161,207 | 5,775 | 23,558 | 2,458 | 9,392 | 1,379 | 7,868 |
| Undistributed | | | | | | | | | | | | |

TABLE 8.—PRINCIPAL MATERIALS CONSUMED IN THE "BREAD AND OTHER BAKERY PRODUCTS (EXCEPT BISCUIT, CRACKERS, AND PRETZELS)" INDUSTRY AND IN THE "BISCUIT, CRACKERS, AND PRETZELS" INDUSTRY COMBINED, BY KIND, QUANTITY, AND COST, BY STATES: 1939—Continued

| STATE | SUGAR | | | | | | | | CORN SIRUP | | BUTTER | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total | | Beet | | Cane | | Corn | | | | | |
| | Pounds | Cost | Pounds | Cost | Pounds | Cost | Pounds | Cost | Pounds | Cost | Pounds | Cost |
| United States | 1,256,012,386 | $58,948,204 | 383,127,668 | $18,143,840 | 742,210,826 | $35,682,368 | 130,673,892 | $5,121,996 | 50,383,909 | $1,679,643 | 39,181,843 | $10,802,028 |
| Alabama | 10,206,850 | 481,866 | (1) | (1) | 9,232,413 | 441,284 | (1) | (1) | 386,610 | 14,114 | 132,165 | 36,423 |
| Arizona | 2,635,157 | 129,906 | 1,499,449 | 74,500 | 728,756 | 36,679 | 406,952 | 18,727 | 44,581 | 2,064 | 15,304 | 4,582 |
| Arkansas | 5,927,638 | 265,727 | 2,215,075 | 98,916 | 2,801,821 | 133,545 | 910,742 | 33,266 | 279,736 | 12,786 | 26,432 | 7,087 |
| California | 81,477,682 | 3,819,633 | 46,597,362 | 2,213,605 | 24,589,619 | 1,205,872 | 10,290,701 | 400,156 | 2,225,808 | 87,241 | 2,275,794 | 664,253 |
| Colorado | 10,590,322 | 519,298 | 8,104,814 | 409,821 | 855,030 | 43,813 | 1,630,478 | 65,664 | 461,985 | 16,962 | 176,265 | 48,070 |
| Connecticut | 15,157,373 | 735,922 | 489,621 | 24,059 | 13,640,429 | 673,774 | 1,027,323 | 38,089 | 700,666 | 24,995 | 430,770 | 124,466 |
| Delaware | 1,611,897 | 74,133 | (1) | (1) | (1) | (1) | 451,672 | 16,797 | (1) | (1) | 21,298 | 6,364 |
| District of Columbia | 7,455,461 | 355,582 | 191,451 | 9,523 | 6,971,088 | 333,260 | 292,922 | 12,799 | 169,874 | 6,099 | 267,893 | 72,655 |
| Florida | 11,170,369 | 527,644 | 1,775,824 | 85,396 | 7,743,985 | 378,488 | 1,650,560 | 63,760 | 142,809 | 6,319 | 430,462 | 103,396 |
| Georgia | 15,165,572 | 718,473 | (1) | (1) | 13,198,523 | 639,004 | (1) | (1) | 463,900 | 14,441 | 282,366 | 77,082 |
| Idaho | 1,859,732 | 96,920 | 972,055 | 52,849 | 448,550 | 26,268 | 439,127 | 17,803 | (1) | (1) | 26,722 | 8,516 |
| Illinois | 129,264,746 | 5,971,468 | 70,988,016 | 3,320,788 | 48,299,250 | 2,262,921 | 9,977,480 | 387,759 | 8,494,197 | 224,640 | 5,588,226 | 1,523,008 |
| Indiana | 29,189,736 | 1,349,949 | 10,968,171 | 515,721 | 12,181,111 | 600,355 | 6,040,454 | 233,873 | 1,235,022 | 40,825 | 403,618 | 112,257 |
| Iowa | 24,460,394 | 1,116,697 | 16,245,065 | 764,790 | 3,012,968 | 150,339 | 5,202,361 | 201,068 | 1,258,429 | 38,143 | 162,305 | 45,406 |
| Kansas | 8,203,681 | 393,109 | 5,322,924 | 262,934 | 1,217,024 | 61,955 | 1,663,733 | 68,220 | 154,218 | 5,858 | 49,748 | 12,899 |
| Kentucky | 12,145,997 | 592,195 | 2,016,425 | 96,922 | 8,661,681 | 437,686 | 1,467,891 | 57,587 | 243,360 | 9,217 | 191,190 | 50,943 |
| Louisiana | 11,825,915 | 542,850 | 331,821 | 16,019 | 9,907,760 | 462,124 | 1,586,334 | 64,707 | 693,408 | 27,405 | 159,262 | 44,017 |
| Maine | 5,648,886 | 269,754 | (1) | (1) | 5,081,603 | 248,747 | (1) | (1) | 108,745 | 3,686 | 107,581 | 28,738 |
| Maryland | 23,021,536 | 1,071,722 | 785,202 | 35,475 | 20,910,032 | 986,264 | 1,326,302 | 49,983 | 696,816 | 23,604 | 481,827 | 127,764 |
| Massachusetts | 68,535,823 | 3,211,912 | 2,737,350 | 126,715 | 62,108,383 | 2,950,287 | 3,690,090 | 134,910 | 3,271,154 | 114,314 | 1,227,828 | 347,698 |
| Michigan | 59,528,141 | 2,731,213 | 35,601,704 | 1,638,050 | 16,199,339 | 798,243 | 7,727,098 | 294,920 | 2,315,016 | 71,497 | 1,070,096 | 292,302 |
| Minnesota | 22,673,228 | 1,091,489 | 17,610,841 | 857,764 | 3,226,914 | 161,208 | 1,835,473 | 72,517 | 1,176,624 | 40,297 | 505,944 | 140,354 |
| Mississippi | 3,542,007 | 165,256 | (1) | (1) | 3,028,607 | 144,445 | (1) | (1) | (1) | (1) | 5,166 | 1,506 |
| Missouri | 44,531,575 | 2,059,450 | 23,567,250 | 1,091,167 | 15,431,455 | 758,941 | 5,532,870 | 209,342 | 1,634,284 | 48,305 | 764,189 | 201,389 |
| Montana | 3,027,697 | 157,407 | 2,507,237 | 132,110 | 195,460 | 10,749 | 325,000 | 14,548 | 34,018 | 1,580 | 43,715 | 12,881 |
| Nebraska | 9,229,319 | 445,727 | 5,980,784 | 288,828 | 1,894,658 | 102,411 | 1,353,877 | 54,488 | 389,652 | 16,740 | 180,308 | 45,581 |
| Nevada | 594,280 | 28,750 | 44,480 | 2,159 | 373,900 | 19,854 | 175,900 | 6,737 | (1) | (1) | 12,241 | 3,625 |
| New Hampshire | 2,939,057 | 137,596 | (1) | (1) | 1,615,656 | 79,744 | (1) | (1) | 82,067 | 3,464 | 27,140 | 7,937 |
| New Jersey | 62,160,251 | 2,883,956 | 3,313,367 | 161,040 | 56,511,676 | 2,634,254 | 2,335,208 | 88,662 | 1,684,783 | 61,137 | 2,659,672 | 787,959 |
| New Mexico | 1,306,510 | 65,211 | 907,830 | 45,320 | 248,380 | 13,007 | 150,300 | 6,884 | 53,908 | 2,170 | 5,241 | 1,542 |
| New York | 185,776,892 | 8,799,414 | 21,325,846 | 992,275 | 153,692,518 | 7,385,132 | 10,758,528 | 422,007 | 8,932,152 | 306,077 | 12,108,163 | 3,382,027 |
| North Carolina | 12,411,519 | 575,621 | (1) | (1) | 9,121,962 | 445,734 | (1) | (1) | 149,099 | 5,412 | 247,911 | 63,639 |
| North Dakota | 2,678,967 | 131,106 | 2,204,299 | 108,828 | 224,588 | 10,953 | 250,080 | 11,325 | 65,516 | 2,162 | 27,880 | 7,593 |
| Ohio | 89,979,276 | 4,320,217 | 28,067,884 | 1,371,319 | 50,789,309 | 2,509,534 | 11,122,083 | 439,364 | 3,167,334 | 102,717 | 2,057,409 | 547,844 |
| Oklahoma | 9,272,427 | 437,852 | 4,654,239 | 225,821 | 2,554,215 | 129,220 | 2,063,973 | 82,811 | 284,675 | 12,826 | 91,231 | 24,692 |
| Oregon | 8,044,128 | 390,201 | 2,522,578 | 123,972 | 4,512,619 | 224,351 | 1,008,931 | 41,878 | 232,678 | 10,573 | 237,859 | 67,518 |
| Pennsylvania | 117,802,665 | 5,511,456 | 13,180,890 | 624,736 | 95,384,071 | 4,508,944 | 9,237,704 | 377,776 | 2,884,163 | 107,304 | 4,472,004 | 1,157,513 |
| Rhode Island | 7,442,023 | 370,928 | 359,500 | 17,079 | 6,608,318 | 336,228 | 474,205 | 17,621 | 114,207 | 4,888 | 86,911 | 24,617 |
| South Carolina | 8,539,698 | 387,338 | 76,400 | 3,452 | 6,965,005 | 323,340 | 1,498,293 | 60,546 | 124,363 | 4,740 | 129,586 | 37,612 |
| South Dakota | 3,826,528 | 179,528 | 2,400,534 | 115,940 | 788,162 | 37,447 | 637,832 | 26,141 | 184,721 | 6,533 | 73,043 | 19,593 |
| Tennessee | 15,722,897 | 730,965 | 2,946,224 | 134,178 | 10,589,161 | 509,155 | 2,187,512 | 87,632 | 758,480 | 24,301 | 112,577 | 29,609 |
| Texas | 38,290,273 | 1,739,984 | 16,606,902 | 753,436 | 15,916,006 | 765,291 | 5,767,365 | 221,257 | 1,457,920 | 61,755 | 356,774 | 93,960 |
| Utah | 3,886,012 | 195,328 | 2,647,852 | 136,709 | (1) | (1) | (1) | (1) | 108,747 | 4,234 | 27,944 | 7,798 |
| Vermont | 1,385,539 | 65,291 | (1) | (1) | 1,063,968 | 52,271 | (1) | (1) | 9,034 | 351 | 17,529 | 5,504 |
| Virginia | 12,081,440 | 554,895 | 212,600 | 10,400 | 9,496,476 | 452,386 | 2,372,364 | 92,109 | 427,927 | 13,334 | 274,335 | 73,963 |
| Washington | 16,319,752 | 787,864 | 8,325,394 | 403,287 | 5,537,685 | 283,079 | 2,456,673 | 101,498 | 586,507 | 21,197 | 367,305 | 103,032 |
| West Virginia | 8,304,030 | 393,742 | 81,250 | 3,785 | 6,134,533 | 308,529 | 2,088,247 | 81,428 | 186,838 | 6,652 | 127,278 | 34,070 |
| Wisconsin | 27,769,573 | 1,297,516 | 14,488,411 | 685,074 | 10,506,381 | 502,767 | 2,774,781 | 109,675 | 2,206,198 | 61,593 | 620,953 | 176,649 |
| Wyoming | 1,391,915 | 68,143 | 1,027,615 | 50,462 | 150,200 | 8,222 | 214,100 | 9,459 | (1) | (1) | 14,383 | 4,095 |
| Undistributed | ---------- | ---------- | 1,225,132 | 58,616 | 1,859,578 | 93,764 | 8,270,373 | 326,203 | 101,680 | 5,091 | ---------- | ---------- |

See footnote at end of table.

TABLE 8.—PRINCIPAL MATERIALS CONSUMED IN THE "BREAD AND OTHER BAKERY PRODUCTS (EXCEPT BISCUIT, CRACKERS, AND PRETZELS)" INDUSTRY AND IN THE "BISCUIT, CRACKERS, AND PRETZELS" INDUSTRY COMBINED, BY KIND, QUANTITY, AND COST, BY STATES: 1939—Continued

| STATE | OLEOMARGARINE | | LARD | | SHORTENINGS OTHER THAN LARD | | MALT EXTRACT | | YEAST | | SALT | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Pounds | Cost | Pounds | Cost | Pounds | Cost | Pounds | Cost | Pounds | Cost | Pounds | Cost |
| United States | 31,017,544 | $3,446,082 | 284,171,707 | $22,443,843 | 411,379,490 | $40,581,315 | 40,175,756 | $2,913,022 | 147,770,275 | $20,642,179 | 189,205,224 | $1,854,337 |
| Alabama | 56,747 | 7,606 | 1,754,249 | 150,342 | 2,080,911 | 215,370 | 238,398 | 18,407 | 1,108,650 | 152,977 | 1,325,337 | 13,632 |
| Arizona | 26,956 | 4,501 | 457,968 | 39,520 | 1,011,926 | 100,509 | 88,807 | 7,735 | 492,483 | 83,012 | 472,972 | 6,974 |
| Arkansas | 92,749 | 13,077 | 1,704,380 | 135,185 | 968,079 | 98,120 | 191,465 | 12,733 | 766,439 | 99,558 | 922,165 | 8,500 |
| California | 1,482,069 | 158,642 | 14,824,566 | 1,148,516 | 29,325,353 | 2,925,832 | 2,144,941 | 171,678 | 10,414,644 | 1,500,324 | 12,052,510 | 134,687 |
| Colorado | (1) | (1) | 2,597,507 | 196,008 | 2,711,194 | 285,158 | 188,933 | 16,962 | 1,330,881 | 206,646 | 1,661,448 | 15,846 |
| Connecticut | 57,022 | 7,780 | 3,061,946 | 266,693 | 7,023,476 | 715,347 | 581,683 | 43,154 | 2,265,097 | 326,376 | 2,658,512 | 25,306 |
| Delaware | 14,616 | 1,809 | 518,844 | 39,430 | 529,052 | 53,452 | 110,168 | 7,200 | 323,158 | 44,192 | 348,704 | 3,239 |
| District of Columbia | 72,869 | 8,571 | 1,931,386 | 164,481 | 2,738,057 | 277,391 | 335,175 | 22,733 | 1,320,159 | 171,358 | 1,420,450 | 13,552 |
| Florida | 91,359 | 12,472 | 3,236,938 | 286,715 | 2,325,150 | 243,270 | 298,713 | 23,919 | 1,677,393 | 241,872 | 1,626,526 | 10,349 |
| Georgia | 112,474 | 15,994 | 3,855,007 | 302,718 | 3,723,683 | 390,155 | 335,137 | 25,682 | 1,514,686 | 212,863 | 1,898,889 | 19,907 |
| Idaho | 30,287 | 4,380 | 465,776 | 39,717 | 653,926 | 72,767 | 95,043 | 8,744 | 386,920 | 70,512 | 502,041 | 7,395 |
| Illinois | 8,063,081 | 853,768 | 24,460,233 | 1,850,936 | 40,581,903 | 3,771,450 | 2,512,103 | 180,877 | 10,387,739 | 1,451,521 | 15,058,520 | 142,965 |
| Indiana | 775,971 | 84,245 | 7,928,834 | 610,759 | 8,895,003 | 857,914 | 1,082,735 | 73,398 | 4,403,053 | 599,217 | 4,799,083 | 43,418 |
| Iowa | 355,860 | 48,816 | 7,812,972 | 574,124 | 4,919,916 | 453,240 | 674,946 | 52,144 | 3,151,661 | 414,460 | 4,055,705 | 36,175 |
| Kansas | 201,463 | 21,717 | 2,817,451 | 208,885 | 1,661,747 | 164,985 | 287,942 | 22,985 | 1,416,555 | 199,538 | 1,512,240 | 14,340 |
| Kentucky | 96,239 | 13,342 | 2,377,377 | 184,741 | 4,192,361 | 421,602 | 467,275 | 31,706 | 1,497,258 | 199,976 | 2,006,091 | 20,200 |
| Louisiana | 103,017 | 12,202 | 3,875,958 | 358,954 | 2,788,280 | 283,555 | 991,192 | 67,044 | 1,855,447 | 278,793 | 2,366,730 | 24,361 |
| Maine | 170,742 | 17,767 | 2,172,078 | 173,578 | 2,553,977 | 249,899 | 371,775 | 30,461 | 850,920 | 113,830 | 1,043,742 | 10,194 |
| Maryland | 596,768 | 67,939 | 4,455,473 | 344,614 | 8,138,206 | 792,198 | 521,829 | 40,707 | 2,563,171 | 368,622 | 3,545,551 | 32,376 |
| Massachusetts | 2,193,242 | 263,914 | 14,889,852 | 1,203,136 | 25,783,769 | 2,604,632 | 1,599,303 | 122,216 | 6,390,840 | 892,777 | 10,172,783 | 105,781 |
| Michigan | 1,259,786 | 157,848 | 14,930,034 | 1,170,641 | 19,759,262 | 1,887,958 | 1,469,878 | 104,803 | 6,791,533 | 921,050 | 9,000,684 | 72,726 |
| Minnesota | 588,166 | 72,892 | 6,229,976 | 475,255 | 6,238,343 | 645,934 | 469,598 | 39,530 | 2,642,972 | 383,669 | 3,138,223 | 32,298 |
| Mississippi | (1) | (1) | 1,073,450 | 94,258 | 744,056 | 73,671 | 146,012 | 12,905 | 565,798 | 79,357 | 642,014 | 8,355 |
| Missouri | 1,578,102 | 141,585 | 13,163,766 | 905,023 | 10,797,778 | 1,056,084 | 1,053,575 | 74,625 | 4,759,453 | 650,961 | 7,130,050 | 60,421 |
| Montana | 81,630 | 11,698 | 1,078,310 | 93,989 | 787,458 | 89,250 | 166,270 | 14,411 | 642,356 | 106,407 | 551,898 | 7,452 |
| Nebraska | 546,152 | 68,566 | 3,000,674 | 208,353 | 1,869,212 | 190,962 | 218,024 | 16,257 | 1,279,071 | 175,374 | 1,498,454 | 13,532 |
| Nevada | 21,845 | 2,277 | 114,335 | 10,047 | 182,870 | 19,081 | 24,385 | 2,318 | 108,158 | 18,639 | 75,137 | 914 |
| New Hampshire | 53,632 | 6,231 | 1,086,929 | 101,103 | 875,661 | 96,828 | 111,645 | 9,605 | 567,044 | 72,981 | 520,161 | 5,337 |
| New Jersey | 985,101 | 123,529 | 6,765,179 | 610,314 | 27,051,375 | 2,633,583 | 2,395,583 | 165,516 | 6,340,764 | 896,000 | 8,526,924 | 83,008 |
| New Mexico | 16,172 | 2,394 | 425,510 | 39,816 | 357,040 | 36,004 | 51,678 | 4,780 | 247,777 | 39,009 | 309,600 | 3,876 |
| New York | 3,179,511 | 360,010 | 37,330,498 | 2,983,369 | 73,248,632 | 7,263,882 | 8,156,675 | 559,659 | 20,412,414 | 2,815,629 | 26,534,388 | 255,561 |
| North Carolina | 94,296 | 11,429 | 3,639,690 | 311,477 | 2,817,703 | 291,935 | 308,441 | 26,067 | 1,655,110 | 218,439 | 1,644,528 | 17,487 |
| North Dakota | (1) | (1) | 1,006,200 | 75,976 | 634,857 | 61,946 | 108,386 | 9,184 | 394,861 | 58,808 | 461,347 | 5,361 |
| Ohio | 3,204,148 | 311,925 | 18,290,874 | 1,414,684 | 32,181,447 | 3,156,922 | 2,865,702 | 196,892 | 10,401,056 | 1,423,702 | 13,697,937 | 123,075 |
| Oklahoma | 194,753 | 22,732 | 2,832,288 | 223,812 | 2,058,390 | 203,177 | 324,282 | 26,074 | 1,566,137 | 225,204 | 1,854,939 | 19,280 |
| Oregon | 149,823 | 17,002 | 1,774,523 | 147,606 | 2,874,469 | 301,289 | 204,999 | 16,895 | 1,333,253 | 208,745 | 1,512,916 | 18,166 |
| Pennsylvania | 1,048,886 | 126,166 | 27,412,804 | 2,171,309 | 38,331,282 | 3,788,302 | 4,926,208 | 331,552 | 14,146,188 | 1,918,110 | 19,904,408 | 194,035 |
| Rhode Island | 115,259 | 15,707 | 2,099,944 | 177,774 | 2,684,525 | 277,216 | 207,923 | 16,764 | 1,219,805 | 168,437 | 1,291,702 | 12,436 |
| South Carolina | (1) | (1) | 1,536,133 | 153,101 | 1,019,750 | 111,119 | 195,245 | 17,309 | 699,853 | 95,323 | 671,702 | 7,220 |
| South Dakota | 49,325 | 6,880 | 839,094 | 64,958 | 1,119,475 | 117,164 | 112,125 | 8,328 | 545,258 | 78,997 | 690,853 | 8,299 |
| Tennessee | 92,291 | 10,958 | 4,325,604 | 349,061 | 3,976,770 | 382,192 | 234,252 | 17,662 | 1,789,115 | 230,626 | 2,444,334 | 23,305 |
| Texas | 606,427 | 72,827 | 11,272,422 | 894,622 | 8,127,747 | 777,093 | 1,136,543 | 91,487 | 5,235,233 | 752,273 | 6,073,883 | 60,672 |
| Utah | 43,229 | 5,539 | 805,482 | 69,224 | 1,462,317 | 159,298 | 205,335 | 15,053 | 599,768 | 86,069 | 562,379 | 6,086 |
| Vermont | 5,583 | 751 | 667,886 | 56,687 | 494,248 | 48,804 | 92,196 | 8,158 | 335,668 | 46,500 | 285,671 | 2,960 |
| Virginia | 133,552 | 13,744 | 3,102,385 | 252,911 | 3,731,023 | 353,443 | 183,115 | 12,652 | 1,725,555 | 224,968 | 2,125,258 | 20,473 |
| Washington | 201,106 | 26,128 | 4,101,515 | 309,140 | 5,228,197 | 539,960 | 535,222 | 46,092 | 2,325,210 | 363,752 | 2,710,886 | 35,717 |
| West Virginia | 49,367 | 6,408 | 2,365,718 | 196,985 | 2,148,951 | 223,963 | 284,361 | 21,867 | 1,531,574 | 200,522 | 1,513,069 | 13,910 |
| Wisconsin | 1,083,988 | 113,117 | 7,305,774 | 569,841 | 7,615,622 | 780,375 | 836,835 | 63,071 | 3,581,926 | 505,063 | 3,959,340 | 37,927 |
| Wyoming | 14,308 | 2,110 | 395,915 | 33,455 | 355,061 | 37,034 | 33,700 | 3,021 | 210,211 | 40,132 | 422,450 | 6,232 |
| Undistributed | 1,027,575 | 117,087 | | | | | | | | | | |

See footnote at end of table.

TABLE 8.—PRINCIPAL MATERIALS CONSUMED IN THE "BREAD AND OTHER BAKERY PRODUCTS (EXCEPT BISCUIT, CRACKERS, AND PRETZELS)" INDUSTRY AND IN THE "BISCUIT, CRACKERS, AND PRETZELS" INDUSTRY COMBINED, BY KIND, QUANTITY, AND COST, BY STATES: 1939—Continued

| STATE | MILK | | | | | | | | Fruit | Eggs, fresh, frozen, or dried | Containers (boxes, cartons, paper, wrappers, etc.) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total | | Fluid | | Condensed and evaporated | | Powdered | | | | |
| | Pounds | Cost | Pounds | Cost | Pounds | Cost | Pounds | Cost | Cost | Cost | Cost |
| United States | 476,204,974 | $27,807,957 | 137,796,142 | $5,487,688 | 169,729,594 | $9,655,898 | 168,679,238 | $12,664,371 | $21,970,746 | $13,897,687 | $82,064,305 |
| Alabama | 2,469,579 | 173,978 | (1) | (1) | (1) | (1) | 2,279,192 | 166,614 | 66,102 | 183,449 | 720,141 |
| Arizona | 875,859 | 56,579 | 172,250 | 8,050 | 28,899 | 1,797 | 674,710 | 46,732 | 56,457 | 44,865 | 190,744 |
| Arkansas | 1,528,612 | 107,169 | (1) | (1) | (1) | (1) | 1,156,772 | 86,022 | 48,059 | 72,663 | 413,829 |
| California | 27,804,555 | 1,387,634 | 13,274,578 | 443,463 | 2,770,882 | 145,514 | 11,759,095 | 798,657 | 1,887,112 | 2,162,507 | 4,765,550 |
| Colorado | 3,014,131 | 178,068 | 438,498 | 17,427 | 858,670 | 41,900 | 1,716,963 | 118,741 | 178,971 | 166,574 | 955,483 |
| Connecticut | 7,488,965 | 449,940 | 2,200,005 | 84,866 | 2,971,694 | 184,038 | 2,317,266 | 181,036 | 495,697 | 536,305 | 974,594 |
| Delaware | 724,196 | 42,800 | 97,744 | 3,220 | 56,470 | 3,144 | 569,982 | 36,436 | 19,259 | 43,845 | 116,316 |
| District of Columbia | 5,095,750 | 297,822 | 660,227 | 25,780 | 3,470,564 | 198,338 | 964,959 | 73,704 | 203,636 | 302,119 | 539,079 |
| Florida | 3,662,939 | 248,043 | 516,368 | 22,732 | 772,214 | 42,185 | 2,374,357 | 183,126 | 142,610 | 304,600 | 741,047 |
| Georgia | 3,227,868 | 235,561 | 101,043 | 4,562 | 285,482 | 17,138 | 2,841,343 | 213,861 | 170,411 | 314,226 | 1,034,657 |
| Idaho | 810,131 | 52,800 | 211,201 | 7,179 | 23,047 | 1,533 | 575,883 | 44,088 | 38,403 | 42,288 | 158,692 |
| Illinois | 49,909,419 | 2,556,501 | 30,689,308 | 1,255,215 | 8,122,681 | 432,652 | 11,097,430 | 868,634 | 2,768,347 | 3,025,121 | 7,003,134 |
| Indiana | 12,133,064 | 690,762 | 1,389,415 | 57,902 | 6,936,470 | 342,155 | 3,807,179 | 290,705 | 283,363 | 459,375 | 1,923,757 |
| Iowa | 7,509,445 | 428,361 | 1,265,164 | 51,941 | 3,440,712 | 171,822 | 2,803,569 | 204,598 | 168,475 | 227,772 | 1,605,642 |
| Kansas | 3,075,734 | 215,616 | 426,709 | 17,863 | 1,142,026 | 61,543 | 1,506,999 | 136,210 | 187,697 | 106,400 | 558,445 |
| Kentucky | 5,025,600 | 286,461 | 1,258,884 | 38,528 | 1,529,815 | 87,742 | 2,236,901 | 160,191 | 203,229 | 249,135 | 813,853 |
| Louisiana | 4,071,163 | 263,996 | 480,763 | 24,173 | 1,637,582 | 105,655 | 1,952,818 | 164,168 | 99,971 | 223,627 | 1,042,223 |
| Maine | 3,549,301 | 202,598 | (1) | (1) | (1) | (1) | 1,559,346 | 114,339 | 99,768 | 171,256 | 623,350 |
| Maryland | 10,436,976 | 613,473 | 648,051 | 26,612 | 5,736,208 | 299,430 | 4,052,717 | 287,431 | 414,516 | 628,591 | 1,612,832 |
| Massachusetts | 24,840,278 | 1,524,456 | 6,630,406 | 292,796 | 7,983,973 | 478,257 | 10,225,859 | 753,403 | 965,927 | 2,074,573 | 4,436,754 |
| Michigan | 30,243,604 | 1,601,534 | 5,989,876 | 226,187 | 18,395,228 | 935,662 | 5,858,500 | 439,685 | 1,210,856 | 1,268,001 | 4,024,767 |
| Minnesota | 9,506,471 | 479,546 | 2,495,345 | 109,385 | 4,573,138 | 186,555 | 2,437,988 | 183,606 | *313,485 | 457,719 | 1,461,552 |
| Mississippi | 1,036,336 | 71,454 | (1) | (1) | (1) | (1) | 641,048 | 49,371 | 17,962 | 45,753 | 204,536 |
| Missouri | 13,898,094 | 816,725 | 1,479,558 | 61,423 | 6,399,398 | 341,333 | 6,019,138 | 413,969 | 601,931 | 1,103,679 | 3,028,668 |
| Montana | 936,708 | 70,925 | 193,629 | 8,500 | 10,411 | 576 | 732,668 | 61,849 | 16,294 | 75,210 | 214,123 |
| Nebraska | 3,899,041 | 232,520 | 451,407 | 18,931 | 1,553,388 | 78,921 | 1,894,246 | 134,668 | 138,732 | 177,103 | 718,701 |
| Nevada | 192,413 | 14,187 | (1) | (1) | (1) | (1) | (1) | (1) | 12,964 | 15,777 | 16,563 |
| New Hampshire | 1,623,525 | 97,157 | 212,412 | 9,332 | 657,900 | 32,463 | 753,213 | 55,362 | 29,702 | 74,646 | 280,085 |
| New Jersey | 17,487,121 | 1,153,509 | 2,920,092 | 139,620 | 7,483,835 | 449,607 | 7,083,194 | 564,282 | 1,059,515 | 1,892,038 | 3,205,664 |
| New Mexico | 357,668 | 26,808 | 22,552 | 1,316 | 101,861 | 6,088 | 233,255 | 19,404 | 21,576 | 43,403 | 64,914 |
| New York | 80,987,490 | 4,823,134 | 28,533,436 | 1,176,008 | 34,057,199 | 2,217,622 | 18,396,855 | 1,429,504 | 4,595,675 | 8,031,992 | 11,449,789 |
| North Carolina | 3,786,151 | 277,142 | (1) | (1) | (1) | (1) | 3,185,331 | 246,271 | 106,487 | 272,760 | 791,778 |
| North Dakota | 700,397 | 48,886 | (1) | (1) | (1) | (1) | 570,565 | 42,980 | 35,926 | 30,797 | 212,782 |
| Ohio | 28,654,129 | 1,752,714 | 5,618,859 | 247,006 | 13,473,927 | 737,136 | 9,561,343 | 768,572 | 1,476,648 | 1,880,958 | 6,833,447 |
| Oklahoma | 3,772,955 | 239,420 | 637,329 | 25,469 | 1,535,560 | 90,267 | 1,600,066 | 123,684 | 130,992 | 146,048 | 662,577 |
| Oregon | 3,122,628 | 180,865 | 818,081 | 35,627 | 918,419 | 40,239 | 1,386,128 | 104,999 | 109,262 | 188,932 | 614,335 |
| Pennsylvania | 46,241,314 | 2,722,962 | 12,789,389 | 506,965 | 18,690,371 | 1,131,426 | 14,761,554 | 1,084,571 | 2,022,697 | 3,836,838 | 8,384,080 |
| Rhode Island | 3,898,927 | 242,598 | 907,561 | 29,644 | 1,276,371 | 94,333 | 1,714,995 | 118,621 | 91,949 | 280,031 | 542,768 |
| South Carolina | 1,343,334 | 103,971 | (1) | (1) | | | (1) | (1) | 50,537 | 161,946 | 415,356 |
| South Dakota | 1,064,461 | 66,280 | 328,550 | 9,304 | 38,905 | 2,634 | 697,006 | 54,342 | 25,945 | 55,304 | 318,186 |
| Tennessee | 4,635,154 | 278,800 | 428,246 | 15,670 | 1,337,396 | 71,970 | 2,869,512 | 191,160 | 127,819 | 239,405 | 1,207,000 |
| Texas | 12,138,004 | 823,530 | 1,090,225 | 45,259 | 1,678,423 | 95,996 | 9,369,356 | 682,275 | 362,840 | 570,094 | 2,298,965 |
| Utah | 1,025,799 | 70,681 | (1) | (1) | (1) | (1) | 868,684 | 62,703 | 43,983 | 81,274 | 327,145 |
| Vermont | 1,022,196 | 59,976 | 277,474 | 12,563 | 327,052 | 15,134 | 417,670 | 32,279 | 17,644 | 40,138 | 115,666 |
| Virginia | 5,268,875 | 338,911 | 216,643 | 9,500 | 3,022,912 | 176,740 | 2,029,320 | 152,671 | 170,011 | 294,879 | 1,000,786 |
| Washington | 5,971,925 | 335,297 | 2,790,617 | 100,712 | 358,099 | 20,151 | 2,823,209 | 214,434 | 284,661 | 382,258 | 1,012,391 |
| West Virginia | 3,655,540 | 255,698 | 199,560 | 7,464 | 1,434,356 | 86,798 | 2,021,624 | 161,436 | 100,041 | 194,666 | 692,777 |
| Wisconsin | 12,036,983 | 540,374 | 6,822,729 | 217,067 | 2,830,331 | 134,499 | 2,383,923 | 188,808 | 332,396 | 616,072 | 1,668,583 |
| Wyoming | 444,166 | 39,735 | 27,308 | 1,121 | 10,522 | 883 | 406,336 | 37,731 | 23,876 | 31,324 | 66,199 |
| Undistributed | | | 2,084,650 | 91,306 | 1,797,203 | 94,022 | 1,489,131 | 116,438 | | | |

[1] Data for specified materials withheld for this State to avoid disclosing, exactly or approximately, materials consumed by individual establishments, but included in the figures for "Undistributed."

## TABLE 9.—EQUIPMENT USED IN THE BAKERY PRODUCTS SUBGROUP—NUMBER AND KIND OF OVENS AND DELIVERY VEHICLES, FOR THE UNITED STATES: 1939 AND 1929

[The data given in this table were furnished by establishments which reported the following percentages of the value of products: For the "Bread and other bakery products (except biscuit, crackers, and pretzels)" industry—1939, 16,965 establishments, or 97.1 percent. For the "Biscuit, crackers, and pretzels" industry—1939, 331 establishments, or 82.5 percent. Similar data for 1929 not available]

| KIND | REPORTED FOR 1939, BY— | | | | | TOTAL FOR THE INDUSTRIES | |
|---|---|---|---|---|---|---|---|
| | Bakeries in the "Bread and other bakery products (except biscuit, crackers, and pretzels)" industry, classified as— | | | | Bakeries in the "Biscuit, crackers, and pretzels" industry | | |
| | Wholesale only | Retail only | Wholesale and retail combined | Total for the industry | | 1939 | 1929 |
| Number of ovens: | | | | | | | |
| Draw-plate | 194 | 770 | 446 | 1,410 | 26 | 1,436 | 1,828 |
| Peel | 2,142 | 6,872 | 5,915 | 14,929 | 136 | 15,065 | 16,537 |
| Portable | 173 | 1,492 | 664 | 2,329 | 12 | 2,341 | 3,839 |
| Rack | 427 | 959 | 630 | 2,016 | 30 | 2,046 | 1,386 |
| Reel | 593 | 759 | 1,393 | 2,745 | 424 | 3,169 | 1,430 |
| Rotary | 787 | 669 | 924 | 2,380 | 62 | 2,442 | 1,516 |
| Sugar-wafer | 6 | 17 | 9 | 32 | 160 | 192 | 305 |
| Traveling-hearth | 230 | 78 | 258 | 566 | 98 | 664 | 410 |
| Traveling-tray | 592 | 256 | 762 | 1,610 | 89 | 1,699 | 565 |
| Number of delivery vehicles: | | | | | | | |
| Horse-drawn | 56 | 347 | 1,047 | 1,450 | ---------- | 1,450 | 6,715 |
| Gasoline | 21,000 | 9,563 | 32,698 | 63,261 | 1,866 | 65,127 | 42,524 |
| Electric | 921 | 131 | 593 | 1,645 | 32 | 1,677 | 3,983 |

## TABLE 10.—EQUIPMENT USED IN THE BAKERY PRODUCTS SUBGROUP—NUMBER AND KIND OF OVENS AND DELIVERY VEHICLES, FOR THE UNITED STATES AND BY STATES: 1939

| STATE | NUMBER OF OVENS REPORTED | | | | | | | | | NUMBER OF DELIVERY VEHICLES REPORTED | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Draw-plate | Peel | Portable | Rack | Reel | Rotary | Sugar-wafer | Traveling-hearth | Traveling-tray | Horse-drawn | Gasoline | Electric |
| United States | 1,436 | 15,065 | 2,341 | 2,046 | 3,169 | 2,442 | 192 | 664 | 1,699 | 1,450 | 65,127 | 1,677 |
| Alabama | 8 | 66 | 6 | 17 | 28 | 20 | ---------- | 4 | 13 | 1 | 535 | 15 |
| Arizona | 1 | 39 | 5 | 15 | 11 | 15 | ---------- | 1 | 6 | ---------- | 125 | ---------- |
| Arkansas | 4 | 16 | 2 | 3 | 40 | 16 | ---------- | ---------- | 14 | ---------- | 344 | ---------- |
| California | 92 | 998 | 157 | 155 | 246 | 238 | 17 | 44 | 112 | ---------- | 4,183 | 17 |
| Colorado | 6 | 80 | 24 | 11 | 53 | 24 | 2 | 4 | 17 | ---------- | 517 | 5 |
| Connecticut | 44 | 353 | 71 | 31 | 9 | 39 | ---------- | 15 | 18 | ---------- | 1,280 | ---------- |
| Delaware | ---------- | 31 | 4 | ---------- | 2 | 4 | ---------- | ---------- | 5 | 1 | 167 | ---------- |
| District of Columbia | 16 | 58 | 26 | 11 | 14 | 26 | ---------- | 10 | 8 | 5 | 603 | 22 |
| Florida | 10 | 117 | 28 | 28 | 37 | 27 | ---------- | 8 | 20 | ---------- | 792 | 13 |
| Georgia | 8 | 116 | 22 | 23 | 26 | 21 | 2 | 1 | 24 | 18 | 705 | ---------- |
| Idaho | 2 | 51 | 3 | 19 | 4 | 1 | ---------- | ---------- | 9 | ---------- | 131 | ---------- |
| Illinois | 94 | 1,288 | 200 | 96 | 212 | 235 | 33 | 33 | 151 | 4 | 4,214 | 182 |
| Indiana | 24 | 257 | 74 | 45 | 89 | 38 | 4 | 11 | 45 | 8 | 1,848 | 25 |
| Iowa | 9 | 190 | 47 | 38 | 65 | 28 | 8 | 6 | 49 | ---------- | 1,047 | 32 |
| Kansas | 2 | 56 | 16 | 8 | 152 | 19 | ---------- | 5 | 23 | ---------- | 525 | 3 |
| Kentucky | 1 | 75 | 16 | 15 | 20 | 21 | ---------- | 6 | 21 | 50 | 488 | 1 |
| Louisiana | 15 | 288 | 26 | 28 | 61 | 22 | 1 | 4 | 16 | ---------- | 820 | 5 |
| Maine | 5 | 74 | 9 | 12 | 22 | 7 | ---------- | 1 | 14 | 1 | 298 | ---------- |
| Maryland | 16 | 278 | 36 | 16 | 28 | 56 | 1 | 12 | 24 | 130 | 1,570 | 29 |
| Massachusetts | 131 | 736 | 215 | 93 | 119 | 146 | 1 | 30 | 85 | 60 | 3,260 | 88 |
| Michigan | 40 | 558 | 94 | 49 | 81 | 85 | 11 | 32 | 67 | 63 | 2,879 | 43 |
| Minnesota | 10 | 282 | 64 | 22 | 80 | 72 | 1 | 11 | 30 | 25 | 989 | ---------- |
| Mississippi | ---------- | 45 | 8 | 6 | 25 | 3 | ---------- | ---------- | 13 | 1 | 265 | ---------- |
| Missouri | 31 | 341 | 40 | 22 | 136 | 61 | 4 | 31 | 40 | 83 | 1,853 | 52 |
| Montana | 1 | 51 | 7 | 13 | 18 | 13 | ---------- | 1 | 22 | 1 | 189 | ---------- |
| Nebraska | 9 | 79 | 11 | 8 | 60 | 16 | ---------- | 2 | 11 | 14 | 598 | ---------- |
| Nevada | 1 | 18 | 3 | 1 | 1 | 1 | 1 | ---------- | 1 | ---------- | 23 | ---------- |
| New Hampshire | 3 | 31 | 21 | 11 | 7 | 6 | ---------- | ---------- | 8 | 2 | 207 | ---------- |
| New Jersey | 109 | 1,124 | 97 | 150 | 30 | 79 | 10 | 31 | 44 | 17 | 3,236 | 167 |
| New Mexico | 1 | 12 | 3 | 1 | 29 | 5 | ---------- | 1 | 3 | ---------- | 95 | 3 |
| New York | 385 | 3,088 | 298 | 430 | 192 | 306 | 58 | 119 | 132 | 310 | 8,350 | 765 |
| North Carolina | 6 | 94 | 8 | 15 | 10 | 10 | ---------- | 1 | 41 | ---------- | 749 | ---------- |
| North Dakota | 7 | 40 | 7 | 12 | 12 | 7 | 1 | ---------- | 5 | ---------- | 144 | ---------- |
| Ohio | 102 | 821 | 170 | 150 | 225 | 193 | 8 | 56 | 122 | 133 | 5,339 | 87 |
| Oklahoma | 11 | 85 | 7 | 44 | 178 | 24 | ---------- | 4 | 6 | ---------- | 661 | 6 |
| Oregon | 8 | 153 | 15 | 3 | 22 | 39 | ---------- | 3 | 16 | ---------- | 466 | ---------- |
| Pennsylvania | 111 | 1,526 | 220 | 168 | 167 | 200 | 5 | 120 | 188 | 511 | 7,613 | 94 |
| Rhode Island | 12 | 160 | 36 | 20 | 6 | 21 | ---------- | 6 | 6 | ---------- | 558 | 19 |
| South Carolina | 3 | 49 | 6 | 10 | 6 | 10 | ---------- | 1 | 14 | ---------- | 366 | ---------- |
| South Dakota | 5 | 49 | 7 | 18 | 16 | 10 | 5 | 2 | 15 | ---------- | 127 | ---------- |
| Tennessee | 6 | 84 | 13 | 15 | 44 | 21 | 3 | 3 | 22 | ---------- | 708 | ---------- |
| Texas | 24 | 187 | 45 | 64 | 402 | 85 | 2 | 17 | 61 | 8 | 1,995 | 2 |
| Utah | 12 | 18 | ---------- | 17 | 10 | 8 | 8 | ---------- | 5 | ---------- | 166 | ---------- |
| Vermont | 4 | 42 | 9 | 7 | 6 | 6 | ---------- | ---------- | 4 | ---------- | 161 | ---------- |
| Virginia | 5 | 129 | 12 | 30 | 8 | 33 | ---------- | 5 | 23 | 2 | 683 | ---------- |
| Washington | 12 | 301 | 37 | 24 | 27 | 51 | 3 | 13 | 31 | ---------- | 828 | 2 |
| West Virginia | 2 | 85 | 23 | 13 | 19 | 23 | ---------- | 1 | 37 | ---------- | 790 | ---------- |
| Wisconsin | 28 | 428 | 91 | 56 | 84 | 49 | 3 | 8 | 55 | 1 | 1,577 | ---------- |
| Wyoming | ---------- | 18 | 2 | 3 | 30 | 2 | ---------- | 1 | 3 | 1 | 60 | ---------- |

TABLE 11.—WAGE EARNERS (AVERAGE NUMBER) ENGAGED IN MANUFACTURING IN THE BAKERY PRODUCTS INDUSTRIES, BY MONTHS, FOR THE UNITED STATES: 1939, 1937, AND 1929

[See GENERAL EXPLANATIONS—Wage earners and wages]

| MONTH AND YEAR | Total for the industries | "Biscuit, crackers, and pretzels" industry | "BREAD AND OTHER BAKERY PRODUCTS (EXCEPT BISCUIT, CRACKERS, AND PRETZELS)" INDUSTRY | | | |
|---|---|---|---|---|---|---|
| | | | Total for the industry | Reported by bakeries classified as— | | |
| | | | | Wholesale only | Retail only | Wholesale and retail combined |
| Average number employed during 1939 | 230,706 | 29,173 | 201,533 | 62,942 | 43,851 | 94,740 |
| *Wage earners receiving pay during normal pay-roll period ended nearest 15th of month—* | | | | | | |
| January: | | | | | | |
| 1939 | 224,674 | 28,551 | 196,123 | 61,059 | 42,850 | 92,214 |
| 1937 | 231,639 | 28,210 | 203,429 | 77,964 | 52,162 | 73,303 |
| 1929 | 195,178 | (1) | (1) | (1) | (1) | (1) |
| February: | | | | | | |
| 1939 | 225,992 | 29,407 | 196,585 | 61,221 | 43,003 | 92,361 |
| 1937 | 233,171 | 28,425 | 204,746 | 78,388 | 52,656 | 73,702 |
| 1929 | 197,518 | (1) | (1) | (1) | (1) | (1) |
| March: | | | | | | |
| 1939 | 226,788 | 29,519 | 197,269 | 61,603 | 43,240 | 92,426 |
| 1937 | 235,989 | 29,240 | 206,749 | 79,014 | 53,046 | 74,689 |
| 1929 | 198,756 | (1) | (1) | (1) | (1) | (1) |
| April: | | | | | | |
| 1939 | 227,667 | 28,847 | 198,820 | 62,030 | 43,520 | 93,270 |
| 1937 | 236,640 | 28,871 | 207,769 | 79,554 | 53,174 | 75,041 |
| 1929 | 198,599 | (1) | (1) | (1) | (1) | (1) |
| May: | | | | | | |
| 1939 | 230,471 | 29,075 | 201,396 | 62,879 | 43,755 | 94,762 |
| 1937 | 238,962 | 27,819 | 211,143 | 81,389 | 53,511 | 76,243 |
| 1929 | 200,732 | (1) | (1) | (1) | (1) | (1) |
| June: | | | | | | |
| 1939 | 232,025 | 29,261 | 202,764 | 63,372 | 43,800 | 95,592 |
| 1937 | 242,180 | 28,369 | 213,811 | 82,639 | 53,857 | 77,315 |
| 1929 | 202,348 | (1) | (1) | (1) | (1) | (1) |
| July: | | | | | | |
| 1939 | 232,683 | 28,803 | 203,880 | 63,899 | 43,857 | 96,124 |
| 1937 | 243,269 | 28,834 | 214,435 | 83,140 | 54,035 | 77,260 |
| 1929 | 202,333 | (1) | (1) | (1) | (1) | (1) |
| August: | | | | | | |
| 1939 | 232,757 | 28,716 | 204,041 | 63,772 | 43,939 | 96,330 |
| 1937 | 241,800 | 28,334 | 213,466 | 82,550 | 53,766 | 77,150 |
| 1929 | 202,246 | (1) | (1) | (1) | (1) | (1) |
| September: | | | | | | |
| 1939 | 233,765 | 29,907 | 203,858 | 63,616 | 44,080 | 96,162 |
| 1937 | 243,786 | 29,762 | 214,024 | 82,649 | 54,095 | 77,280 |
| 1929 | 204,138 | (1) | (1) | (1) | (1) | (1) |
| October: | | | | | | |
| 1939 | 234,056 | 29,935 | 204,121 | 63,870 | 44,385 | 95,866 |
| 1937 | 244,749 | 31,007 | 213,742 | 82,136 | 54,640 | 76,966 |
| 1929 | 204,497 | (1) | (1) | (1) | (1) | (1) |
| November: | | | | | | |
| 1939 | 234,514 | 29,440 | 205,074 | 64,100 | 44,830 | 96,144 |
| 1937 | 241,496 | 28,679 | 212,817 | 81,259 | 54,796 | 76,762 |
| 1929 | 202,753 | (1) | (1) | (1) | (1) | (1) |
| December: | | | | | | |
| 1939 | 233,087 | 28,618 | 204,469 | 63,890 | 44,955 | 95,624 |
| 1937 | 238,972 | 27,934 | 211,038 | 80,235 | 54,737 | 76,066 |
| 1929 | 200,994 | (1) | (1) | (1) | (1) | (1) |

[1] Separate data not available.

TABLE 12.—"BREAD AND OTHER BAKERY PRODUCTS (EXCEPT BISCUIT, CRACKERS, AND PRETZELS)"—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES AND BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States | 201,533 | 196,123 | 196,585 | 197,269 | 198,820 | 201,396 | 202,764 | 203,880 | 204,041 | 203,858 | 204,121 | 205,074 | 204,469 |
| Alabama | 1,633 | 1,589 | 1,607 | 1,619 | 1,619 | 1,630 | 1,630 | 1,639 | 1,645 | 1,643 | 1,637 | 1,661 | 1,668 |
| Arizona | 450 | 444 | 458 | 443 | 451 | 461 | 443 | 428 | 423 | 440 | 460 | 472 | 478 |
| Arkansas | 873 | 815 | 816 | 823 | 832 | 857 | 880 | 889 | 929 | 924 | 920 | 911 | 888 |
| California | 11,263 | 10,981 | 11,011 | 11,138 | 11,237 | 11,368 | 11,416 | 11,364 | 11,302 | 11,325 | 11,305 | 11,383 | 11,323 |
| Colorado | 1.439 | 1,411 | 1,384 | 1,391 | 1,396 | 1,431 | 1,458 | 1,485 | 1,481 | 1,475 | 1,461 | 1,449 | 1,444 |
| Connecticut | 3,450 | 3,420 | 3,413 | 3,414 | 3,372 | 3,428 | 3,452 | 3,455 | 3,491 | 3,499 | 3,469 | 3,482 | 3,501 |
| Delaware | 403 | 390 | 389 | 396 | 395 | 396 | 403 | 410 | 412 | 416 | 412 | 412 | 404 |
| District of Columbia | 1,672 | 1,651 | 1,643 | 1,663 | 1,666 | 1,673 | 1,677 | 1,675 | 1,688 | 1,679 | 1,668 | 1,672 | 1,711 |
| Florida | 2,461 | 2,505 | 2,618 | 2,585 | 2,494 | 2,434 | 2,360 | 2,333 | 2,328 | 2,348 | 2,398 | 2,498 | 2,633 |
| Georgia | 2,110 | 1,993 | 1,995 | 2,015 | 2,044 | 2,064 | 2,045 | 2,091 | 2,057 | 2,076 | 2,325 | 2,300 | 2,322 |
| Idaho | 398 | 380 | 379 | 381 | 382 | 393 | 405 | 412 | 405 | 406 | 414 | 414 | 403 |
| Illinois | 15,129 | 14,723 | 14,768 | 14,811 | 14,944 | 15,147 | 15,337 | 15,364 | 15,274 | 15,183 | 15,293 | 15,379 | 15,314 |
| Indiana | 5,004 | 4,805 | 4,819 | 4,856 | 4,895 | 4,945 | 4,965 | 5,014 | 5,148 | 5,154 | 5,132 | 5,167 | 5,140 |
| Iowa | 2,996 | 2,829 | 2,861 | 2,866 | 2,915 | 2,969 | 3,009 | 3,064 | 3,105 | 3,107 | 3,086 | 3,079 | 3,054 |
| Kansas | 1,638 | 1,598 | 1,600 | 1,604 | 1,627 | 1,657 | 1,651 | 1,639 | 1,640 | 1,668 | 1,668 | 1,663 | 1,640 |
| Kentucky | 1,765 | 1,727 | 1,733 | 1,687 | 1,750 | 1,787 | 1,790 | 1,771 | 1,769 | 1,770 | 1,792 | 1,806 | 1,803 |
| Louisiana | 2,537 | 2,516 | 2,519 | 2,515 | 2,531 | 2,551 | 2,546 | 2,527 | 2,526 | 2,534 | 2,522 | 2,566 | 2,592 |
| Maine | 1,168 | 1,103 | 1,100 | 1,096 | 1,097 | 1,120 | 1,179 | 1,254 | 1,268 | 1,226 | 1,200 | 1,197 | 1,171 |
| Maryland | 3,977 | 3,925 | 3,885 | 3,926 | 3,912 | 3,974 | 4,011 | 3,998 | 4,019 | 4,017 | 4,015 | 4,002 | 4,044 |
| Massachusetts | 11,540 | 11,241 | 11,303 | 11,313 | 11,286 | 11,435 | 11,598 | 11,735 | 11,758 | 11,750 | 11,683 | 11,734 | 11,643 |
| Michigan | 9,205 | 9,094 | 9,048 | 9,073 | 9,092 | 9,239 | 9,326 | 9,363 | 9,331 | 9,244 | 9,204 | 9,270 | 9,172 |
| Minnesota | 3,510 | 3,383 | 3,372 | 3,403 | 3,479 | 3,546 | 3,550 | 3,590 | 3,587 | 3,583 | 3,556 | 3,534 | 3,529 |
| Mississippi | 757 | 690 | 695 | 715 | 749 | 740 | 749 | 771 | 786 | 802 | 807 | 795 | 787 |
| Missouri | 6,098 | 5,881 | 5,987 | 5,986 | 6,081 | 6,182 | 6,081 | 6,216 | 6,166 | 6,145 | 6,142 | 6,143 | 6,157 |
| Montana | 524 | 496 | 500 | 503 | 512 | 518 | 526 | 539 | 538 | 538 | 538 | 545 | 538 |
| Nebraska | 1,635 | 1,530 | 1,539 | 1,542 | 1,587 | 1,638 | 1,669 | 1,677 | 1,672 | 1,678 | 1,691 | 1,706 | 1,693 |
| Nevada | 90 | 86 | 85 | 86 | 87 | 87 | 91 | 92 | 91 | 92 | 90 | 91 | 93 |
| New Hampshire | 716 | 708 | 697 | 706 | 712 | 709 | 716 | 731 | 737 | 729 | 711 | 711 | 720 |
| New Jersey | 9,704 | 9,372 | 9,389 | 9,428 | 9,590 | 9,736 | 9,863 | 9,979 | 9,962 | 9,793 | 9,721 | 9,866 | 9,748 |
| New Mexico | 321 | 312 | 312 | 313 | 320 | 318 | 318 | 322 | 324 | 323 | 331 | 334 | 329 |
| New York | 31,398 | 30,650 | 30,694 | 30,706 | 30,934 | 31,413 | 31,555 | 31,648 | 31,694 | 31,743 | 31,916 | 31,994 | 31,834 |
| North Carolina | 2,370 | 2,239 | 2,265 | 2,282 | 2,301 | 2,327 | 2,346 | 2,410 | 2,447 | 2,458 | 2,449 | 2,445 | 2,473 |
| North Dakota | 380 | 367 | 373 | 370 | 373 | 378 | 385 | 395 | 392 | 390 | 382 | 380 | 379 |
| Ohio | 14,702 | 14,363 | 14,357 | 14,401 | 14,484 | 14,688 | 14,813 | 14,848 | 14,849 | 14,851 | 14,870 | 14,959 | 14,932 |
| Oklahoma | 1,856 | 1,808 | 1,802 | 1,819 | 1,855 | 1,865 | 1,877 | 1,864 | 1,872 | 1,877 | 1,886 | 1,877 | 1,872 |
| Oregon | 1,429 | 1,369 | 1,381 | 1,388 | 1,402 | 1,427 | 1,446 | 1,463 | 1,460 | 1,452 | 1,461 | 1,455 | 1,446 |
| Pennsylvania | 21,757 | 21,538 | 21,535 | 21,500 | 21,558 | 21,671 | 21,806 | 21,854 | 21,801 | 21,843 | 21,868 | 22,103 | 22,014 |
| Rhode Island | 1,699 | 1,669 | 1,659 | 1,672 | 1,683 | 1,701 | 1,720 | 1,717 | 1,704 | 1,709 | 1,718 | 1,724 | 1,714 |
| South Carolina | 1,040 | 979 | 991 | 1,017 | 1,026 | 1,031 | 1,039 | 1,046 | 1,067 | 1,082 | 1,079 | 1,074 | 1,054 |
| South Dakota | 411 | 401 | 403 | 404 | 404 | 415 | 420 | 427 | 429 | 405 | 400 | 401 | 419 |
| Tennessee | 2,415 | 2,280 | 2,314 | 2,332 | 2,386 | 2,415 | 2,452 | 2,422 | 2,438 | 2,485 | 2,489 | 2,482 | 2,477 |
| Texas | 5,653 | 5,440 | 5,459 | 5,530 | 5,596 | 5,642 | 5,668 | 5,700 | 5,704 | 5,764 | 5,805 | 5,779 | 5,741 |
| Utah | 531 | 502 | 505 | 500 | 532 | 545 | 547 | 544 | 550 | 539 | 542 | 533 | 525 |
| Vermont | 405 | 394 | 393 | 392 | 391 | 397 | 401 | 423 | 432 | 422 | 414 | 402 | 401 |
| Virginia | 2,114 | 1,973 | 1,997 | 2,030 | 2,099 | 2,105 | 2,125 | 2,145 | 2,166 | 2,188 | 2,180 | 2,180 | 2,186 |
| Washington | 2,485 | 2,416 | 2,423 | 2,447 | 2,473 | 2,503 | 2,493 | 2,494 | 2,513 | 2,523 | 2,509 | 2,506 | 2,515 |
| West Virginia | 1,734 | 1,707 | 1,702 | 1,716 | 1,686 | 1,701 | 1,717 | 1,740 | 1,760 | 1,763 | 1,758 | 1,779 | 1,784 |
| Wisconsin | 4,480 | 4,270 | 4,235 | 4,288 | 4,399 | 4,521 | 4,588 | 4,673 | 4,659 | 4,558 | 4,509 | 4,529 | 4,535 |
| Wyoming | 213 | 160 | 172 | 178 | 184 | 218 | 222 | 240 | 242 | 239 | 235 | 230 | 226 |

TABLE 13.—"BISCUIT, CRACKERS, AND PRETZELS"—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES AND BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States | 29,173 | 28,551 | 29,407 | 29,519 | 28,847 | 29,075 | 29,261 | 28,803 | 28,716 | 29,907 | 29,935 | 29,440 | 28,618 |
| Alabama | 342 | 322 | 321 | 347 | 319 | 335 | 334 | 336 | 314 | 401 | 367 | 369 | 335 |
| Arkansas | 184 | 185 | 200 | 192 | 193 | 191 | 196 | 190 | 181 | 237 | 163 | 158 | 127 |
| California | 1,401 | 1,353 | 1,395 | 1,435 | 1,371 | 1,463 | 1,418 | 1,408 | 1,397 | 1,445 | 1,422 | 1,366 | 1,337 |
| Colorado | 372 | 361 | 361 | 360 | 349 | 360 | 370 | 376 | 388 | 393 | 370 | 398 | 382 |
| Illinois | 3,656 | 3,421 | 3,764 | 3,719 | 3,645 | 3,757 | 3,772 | 3,477 | 3,598 | 3,724 | 3,792 | 3,610 | 3,593 |
| Indiana | 844 | 829 | 824 | 829 | 837 | 845 | 846 | 856 | 856 | 860 | 858 | 844 | 839 |
| Iowa | 879 | 896 | 910 | 904 | 858 | 868 | 863 | 867 | 846 | 831 | 906 | 903 | 895 |
| Louisiana | 486 | 486 | 492 | 496 | 481 | 480 | 485 | 475 | 473 | 501 | 486 | 486 | 485 |
| Maryland | 667 | 655 | 660 | 655 | 644 | 643 | 677 | 693 | 693 | 689 | 670 | 671 | 659 |
| Massachusetts | 1,640 | 1,656 | 1,674 | 1,740 | 1,633 | 1,651 | 1,648 | 1,661 | 1,618 | 1,645 | 1,624 | 1,586 | 1,544 |
| Michigan | 1,180 | 1,075 | 1,169 | 1,180 | 1,144 | 1,168 | 1,259 | 1,282 | 1,201 | 1,183 | 1,182 | 1,179 | 1,143 |
| Minnesota | 422 | 399 | 390 | 390 | 404 | 410 | 449 | 460 | 444 | 461 | 424 | 408 | 423 |
| Missouri | 1,420 | 1,360 | 1,389 | 1,403 | 1,370 | 1,334 | 1,371 | 1,374 | 1,470 | 1,574 | 1,497 | 1,526 | 1,376 |
| Nebraska | 198 | 201 | 200 | 201 | 201 | 198 | 197 | 195 | 202 | 200 | 194 | 196 | 196 |
| New Jersey | 1,099 | 1,068 | 1,176 | 1,248 | 1,164 | 1,049 | 1,040 | 979 | 972 | 1,065 | 1,135 | 1,194 | 1,097 |
| New York | 4,592 | 4,500 | 4,541 | 4,512 | 4,505 | 4,497 | 4,537 | 4,533 | 4,519 | 4,660 | 4,862 | 4,774 | 4,670 |
| Ohio | 2,490 | 2,395 | 2,554 | 2,550 | 2,415 | 2,385 | 2,444 | 2,355 | 2,378 | 2,569 | 2,674 | 2,630 | 2,527 |
| Oregon | 160 | 164 | 157 | 159 | 166 | 170 | 158 | 162 | 158 | 158 | 159 | 158 | 155 |
| Pennsylvania | 3,324 | 3,282 | 3,287 | 3,277 | 3,298 | 3,375 | 3,301 | 3,468 | 3,354 | 3,399 | 3,336 | 3,301 | 3,214 |
| Tennessee | 514 | 591 | 569 | 571 | 558 | 566 | 559 | 438 | 462 | 461 | 466 | 459 | 469 |
| Texas | 605 | 597 | 589 | 599 | 599 | 592 | 603 | 605 | 618 | 613 | 613 | 624 | 613 |
| Virginia | 254 | 251 | 245 | 246 | 240 | 242 | 245 | 250 | 249 | 341 | 270 | 238 | 231 |
| Washington | 443 | 401 | 444 | 445 | 415 | 470 | 504 | 473 | 432 | 482 | 477 | 399 | 370 |
| Wisconsin | 578 | 582 | 576 | 580 | 575 | 581 | 589 | 592 | 553 | 582 | 580 | 577 | 571 |

TABLE 14.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | Total for the industries | "BREAD AND OTHER BAKERY PRODUCTS (EXCEPT BISCUIT, CRACKERS, AND PRETZELS)" INDUSTRY | | | | "Biscuit, crackers, and pretzels" industry |
|---|---|---|---|---|---|---|
| | | Total for the industry | Reported by bakeries classified as— | | | |
| | | | Wholesale only | Retail only | Wholesale and retail combined | |
| Number of establishments: | | | | | | |
| Total for the industry | 18,399 | 18,043 | 2,569 | 8,978 | 6,496 | 356 |
| Reporting expenditures for plant and equipment | 8,511 | 8,304 | 1,494 | 3,271 | 3,539 | 207 |
| Value of products: | | | | | | |
| Total for the industry | $1,411,816,633 | $1,211,023,755 | $384,763,786 | $267,005,930 | $559,254,039 | $200,792,878 |
| Reporting expenditures for plant and equipment | 1,109,419,601 | 940,621,825 | 326,265,406 | 155,030,057 | 459,326,362 | 168,797,776 |
| Expenditures for plant and equipment: | | | | | | |
| Total for the industry | 40,011,629 | 36,118,781 | 12,105,645 | 7,114,699 | 16,898,437 | 3,892,848 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 9,336,584 | 8,345,396 | 2,676,667 | 2,063,959 | 3,604,770 | 991,188 |
| Expenditures for new machinery and operating equipment | 27,517,329 | 24,803,008 | 8,233,328 | 4,413,334 | 12,156,346 | 2,714,321 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 2,126,597 | 1,982,019 | 737,521 | 419,949 | 824,549 | 144,578 |
| Expenditures, unclassified | 1,031,119 | 988,358 | 458,129 | 217,457 | 312,772 | 42,761 |

TABLE 15.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | | | | | | 1937 | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total for the industries | "Bread and other bakery products (except biscuit, crackers, and pretzels)" industry | | | | "Biscuit, crackers, and pretzels" industry | Total for the industries | "Bread and other bakery products (except biscuit, crackers, and pretzels)" industry | "Biscuit, crackers, and pretzels" industry |
| | | Total for the industry | Reported by bakeries classified as— | | | | | | |
| | | | Wholesale only | Retail only | Wholesale and retail combined | | | | |
| Inventories: | | | | | | | | | |
| Beginning of year, total | $53,148,433 | $40,557,013 | $12,693,592 | $9,040,492 | $18,822,929 | $12,591,420 | $54,245,323 | $39,483,727 | $14,761,596 |
| Finished products | 5,130,654 | 1,579,713 | 374,336 | 521,784 | 683,593 | 3,550,941 | 5,031,305 | 975,907 | 4,055,398 |
| Materials, supplies, etc. | 48,017,779 | 38,977,300 | 12,319,256 | 8,518,708 | 18,139,336 | 9,040,479 | 49,214,018 | 38,507,820 | 10,706,198 |
| End of year, total | 59,136,371 | 45,505,050 | 14,586,609 | 9,791,929 | 21,126,512 | 13,631,321 | 54,768,499 | 40,125,021 | 14,643,478 |
| Finished products | 5,082,958 | 1,752,765 | 496,775 | 518,313 | 737,677 | 3,330,193 | 5,526,944 | 1,034,202 | 4,492,742 |
| Materials, supplies, etc. | 54,053,413 | 43,752,285 | 14,089,834 | 9,273,616 | 20,388,835 | 10,301,128 | 49,241,555 | 39,090,819 | 10,150,736 |
| Value of products for the industry, total | 1,411816,633 | 1,211,023,755 | 384,763,786 | 267,005,930 | 559,254,039 | 200,792,878 | 1,426,162,859 | 1,217,865,027 | 208,297,832 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 1,382,169,847 | 1,182,100,869 | 378,615,102 | 255,845,112 | 547,640,655 | 200,068,978 | 1,276,724,825 | 1,070,430,069 | 206,294,756 |
| Value for establishments not reporting inventories | 29,646,786 | 28,922,886 | 6,148,684 | 11,160,818 | 11,613,384 | 723,900 | 149,438,034 | 147,434,958 | 2,003,076 |

TABLE 16.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | | | | | | 1929 | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total for the industries | "Bread and other bakery products (except biscuit, crackers, and pretzels)" industry | | | | "Biscuit, crackers, and pretzels" industry | Total for the industries | "Bread and other bakery products (except biscuit, crackers, and pretzels)" industry | "Biscuit, crackers, and pretzels" industry |
| | | Total for the industry | Reported by bakeries classified as— | | | | | | |
| | | | Wholesale only | Retail only | Wholesale and retail combined | | | | |
| Number of establishments | 18,399 | 18,043 | | | | 356 | 20,785 | 20,410 | 375 |
| Number of establishments reporting power equipment | 18,337 | 17,982 | 2,567 | 8,948 | 6,467 | 355 | 19,728 | (1) | (1) |
| Prime movers, aggregate: | | | | | | | | | |
| Number | 333 | 231 | 102 | 34 | 95 | 102 | 667 | 552 | 115 |
| Horsepower | 29,609 | 12,033 | 8,296 | 426 | 3,311 | 17,576 | 38,522 | 16,440 | 22,082 |
| Prime movers, driving generators, total— | | | | | | | | | |
| Number | 134 | 70 | 37 | 4 | 29 | 64 | 667 | [2] 552 | [2] 115 |
| Horsepower | 25,106 | 9,450 | 7,294 | 128 | 2,028 | 15,656 | 38,522 | [2] 16,440 | [2] 22,082 |
| Steam engines— | | | | | | | | | |
| Number | 96 | 41 | 26 | 1 | 14 | 55 | 464 | [2] 401 | [2] 63 |
| Horsepower | 19,748 | 6,316 | 6,102 | 8 | 206 | 13,432 | 19,702 | [2] 10,872 | [2] 8,830 |
| Steam turbines— | | | | | | | | | |
| Number | 11 | 2 | | 1 | 1 | 9 | 48 | [2] 35 | [2] 13 |
| Horsepower | 2,804 | 580 | | 30 | 550 | 2,224 | 1,805 | [2] 485 | [2] 1,320 |
| Diesel and semi-Diesel engines— | | | | | | | | | |
| Number | 11 | 11 | 2 | 1 | 8 | | 150 | | |
| Horsepower | 999 | 999 | 175 | 15 | 809 | | 16,755 | [2] 111 | [2] 39 |
| Other internal-combustion engines [3]— | | | | | | | | | |
| Number | 16 | 16 | 9 | 1 | 6 | | | [2] 4,823 | [2] 11,932 |
| Horsepower | 1,555 | 1,555 | 1,017 | 75 | 463 | | | | |
| Hydroturbines and water wheels— | | | | | | | | | |
| Number | | | | | | | 5 | [2] 5 | |
| Horsepower | | | | | | | 260 | [2] 260 | |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 5,701 | 1,641 | 970 | 8 | 663 | 4,060 | | | |
| Prime movers not driving generators, total— | | | | | | | | | |
| Number | 199 | 161 | 65 | 30 | 66 | 38 | | | |
| Horsepower | 4,503 | 2,583 | 1,002 | 298 | 1,283 | 1,920 | | | |
| Steam engines— | | | | | | | | | |
| Number | 150 | 113 | 55 | 21 | 37 | 37 | | | |
| Horsepower | 2,873 | 993 | 534 | 205 | 254 | 1,880 | | | |
| Steam turbines— | | | | | | | | | |
| Number | 5 | 4 | 1 | 1 | 2 | 1 | | | |
| Horsepower | 69 | 29 | 6 | 1 | 22 | 40 | (4) | (4) | (4) |
| Diesel and semi-Diesel engines— | | | | | | | | | |
| Number | 5 | 5 | 3 | | 2 | | | | |
| Horsepower | 385 | 385 | 380 | | 5 | | | | |
| Other internal-combustion engines [3]— | | | | | | | | | |
| Number | 39 | 39 | 6 | 8 | 25 | | | | |
| Horsepower | 1,176 | 1,176 | 82 | 92 | 1,002 | | | | |
| Hydroturbines and water wheels— | | | | | | | | | |
| Number | | | | | | | | | |
| Horsepower | | | | | | | | | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 287 | 187 | 184 | | 3 | 100 | | | |
| Generators, kilowatt rating, total | 17,033 | 6,161 | 4,887 | 86 | 1,188 | 10,872 | 18,964 | 6,659 | 12,305 |
| Generators, driven by— | | | | | | | | | |
| Steam engines, kilowatt rating | 13,444 | 4,267 | 4,125 | 6 | 136 | 9,177 | | | |
| Steam turbines, kilowatt rating | 2,115 | 420 | | 20 | 400 | 1,695 | | | |
| Diesel and semi-Diesel engines, kilowatt rating | 542 | 542 | 97 | 10 | 435 | | (4) | (4) | (4) |
| Other internal-combustion engines,[3] kilowatt rating | 932 | 932 | 665 | 50 | 217 | | | | |
| Hydroturbines and water wheels, kilowatt rating | | | | | | | | | |
| Generators, ordinarily idle (included above), kilowatt rating | 3,912 | 1,010 | 534 | 6 | 470 | 2,902 | (1) | (1) | (1) |
| Electric motors, total: | | | | | | | | | |
| Number | 163,404 | 142,873 | 41,951 | 35,063 | 65,859 | 20,531 | 100,413 | 86,976 | 13,437 |
| Horsepower | 422,401 | 349,792 | 121,981 | 61,977 | 165,834 | 72,609 | 347,296 | 290,757 | 56,539 |
| Driven by purchased energy— | | | | | | | | | |
| Number | 157,365 | 141,346 | 40,717 | 34,998 | 65,631 | 16,019 | 93,706 | 84,894 | 8,812 |
| Horsepower | 401,320 | 343,794 | 116,763 | 61,926 | 165,105 | 57,526 | 317,001 | 282,890 | 34,111 |
| Driven by energy generated in establishments reporting— | | | | | | | | | |
| Number | 6,039 | 1,527 | 1,234 | 65 | 228 | 4,512 | 6,707 | 2,082 | 4,625 |
| Horsepower | 21,081 | 5,998 | 5,218 | 51 | 729 | 15,083 | 30,295 | 7,867 | 22,428 |
| Electric energy (kilowatt-hours): | | | | | | | | | |
| Generated in plant | 25,966,858 | 12,900,155 | 12,021,472 | 9,090 | 869,593 | 13,066,703 | (1) | (1) | (1) |
| Purchased | 521,426,176 | 480,306,187 | 156,931,054 | 108,017,830 | 215,357,303 | 41,119,989 | 404,673,548 | 377,450,282 | 27,223,266 |

[1] Data not available. [2] Includes data for prime movers not driving generators. [3] Gas, gasoline, etc. [4] Not called for on schedule.

# THE SUGAR INDUSTRIES

Combined statistics for the three sugar industries—"Beet sugar," "Cane sugar—except refineries," and "Cane-sugar refining,"—which are treated for census purposes as separate and distinct from one another, are presented in the following tables.

## SUMMARY FOR THE SUGAR SUBGROUP FOR THE UNITED STATES: 1899 TO 1939

[Combined statistics for the following industries, "Beet sugar," "Cane sugar—except refineries," and "Cane-sugar refining," each of which is treated as a separate industry for census purposes]

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 190 | 28,760 | $31,131,326 | [5] $441,845,223 | [5] $557,792,679 | $115,947,456 | 424,674 |
| 1937 | 182 | 27,611 | 30,085,969 | [5] 452,371,142 | [5] 561,177,675 | 108,806,533 | (6) |
| 1935 | 169 | 26,008 | 24,782,388 | [5] 425,617,017 | [5] 498,654,860 | 73,037,843 | (7) |
| 1933 | 170 | 24,572 | 24,348,948 | 369,256,981 | 482,441,699 | 113,184,718 | (6) |
| 1931 | 154 | 20,128 | 24,428,245 | 408,264,984 | 494,956,767 | 86,691,783 | (6) |
| 1929 | 173 | 23,727 | 29,513,699 | 521,582,617 | 634,267,635 | 112,685,018 | 287,991 |
| 1927 | 153 | 22,369 | 28,056,380 | 636,441,459 | 710,381,336 | 73,939,877 | 263,710 |
| 1925 | 204 | 25,440 | 32,454,135 | 648,520,716 | 752,406,794 | 103,886,078 | 293,994 |
| 1923 | 226 | 25,645 | 31,875,574 | 773,663,294 | 871,736,338 | 98,073,044 | 281,118 |
| 1921 | 246 | 31,783 | 44,418,009 | 565,411,203 | 628,673,228 | 63,262,025 | (6) |
| 1919 | 307 | 36,084 | 42,627,951 | 793,316,541 | 937,883,918 | 144,567,377 | 271,803 |
| 1914 | 259 | 22,882 | 15,990,957 | 321,442,937 | 373,639,298 | 52,196,361 | 230,320 |
| 1909 | 291 | 20,730 | 12,292,168 | 274,847,974 | 327,371,780 | 52,523,806 | 214,189 |
| 1904 | 395 | 17,512 | 10,062,352 | 259,239,678 | 301,679,243 | 42,439,565 | 174,961 |
| 1899 | 687 | 16,099 | 8,010,036 | 226,188,565 | 247,034,868 | 20,846,303 | 151,648 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Includes excise taxes paid or accrued in the "Cane-sugar refining" industry during 1939, 1937, and 1935.
[6] Not called for on schedule.
[7] Data not available.

## GENERAL STATISTICS IN DETAIL FOR THE SUGAR SUBGROUP: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Beet sugar | Cane sugar, except refineries | Cane-sugar refining |
|---|---|---|---|---|
| Number of establishments [1] | 190 | 85 | 78 | 27 |
| Proprietors and firm members | 40 | ---------- | 37 | 3 |
| Persons reported by manufacturing establishments, total [2] | 34,446 | 12,324 | 5,294 | 16,828 |
| Salaried officers of corporations [2] | 132 | 34 | 74 | 24 |
| Manufacturing: | | | | |
| Salaried employees [2] | 3,738 | 1,443 | 613 | 1,682 |
| Wage earners (average for the year) [3] | 28,760 | 10,410 | 4,217 | 14,133 |
| Distribution | 209 | 1 | 15 | 193 |
| Construction | 708 | 73 | 369 | 266 |
| Other | 899 | 363 | 6 | 530 |
| Salaries and wages, total [2] | $41,551,335 | $16,408,052 | $3,731,239 | $21,412,044 |
| Salaried officers [2] | 670,379 | 194,635 | 268,022 | 207,722 |
| Manufacturing: | | | | |
| Salaries [2] | 6,919,086 | 2,747,099 | 558,952 | 3,613,035 |
| Wages | 31,131,326 | 12,361,317 | 2,573,319 | 16,196,690 |

| ITEM | United States | Beet sugar | Cane sugar, except refineries | Cane-sugar refining |
|---|---|---|---|---|
| Salaries and wages—Continued. | | | | |
| Distribution | $415,387 | $1,090 | $19,333 | $394,964 |
| Construction | 874,011 | 206,848 | 301,527 | 365,636 |
| Other | 1,541,146 | 897,063 | 10,086 | 633,997 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 441,845,223 | 84,951,372 | 23,017,224 | 333,876,627 |
| Materials, supplies, and containers | 430,897,808 | 79,244,182 | 22,317,139 | [4] 329,336,487 |
| Fuel | 10,527,074 | 5,499,046 | 615,321 | 4,412,707 |
| Purchased electric energy | 402,852 | 208,144 | 67,275 | 127,433 |
| Contract work | 17,489 | ---------- | 17,489 | (4) |
| Value of products | 557,792,679 | 134,396,017 | 33,526,898 | 389,869,764 |
| Value added by manufacture [5] | 115,947,456 | 49,444,645 | 10,509,674 | 55,993,137 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Cost of "Contract work" included in "Cost of materials, supplies, and containers" to avoid disclosing data reported by an individual establishment.
[5] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

# BEET SUGAR

[A preliminary report for this industry was issued November 22, 1940]

**Description of the industry.**—The beet-sugar industry includes establishments primarily engaged in the manufacture of beet sugar, molasses, etc., from sugar beets.

**Period covered by report.**—The questionnaire used for this industry called for data on the manufacture of sugar during the seasons 1939–40, 1937–38, and 1928–29 from beets grown in the calendar years 1939, 1937, and 1928, respectively. The bulk of the work in any season is done during the last 4 months of the calendar year in which the beets are grown, and particularly during October and November.

TABLE 1.—BEET SUGAR—SUMMARY FOR THE UNITED STATES: 1899 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, and purchased electric energy | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 85 | 10,410 | $12,361,317 | $84,951,372 | $134,396,017 | $49,444,645 | 204,478 |
| 1937 | 87 | 9,366 | 11,732,690 | 68,996,104 | 107,395,536 | 38,399,432 | (4) |
| 1935 | 77 | 9,232 | 9,338,427 | 71,142,464 | 95,159,804 | 24,017,340 | (5) |
| 1933 | 84 | 10,706 | 10,883,753 | 76,127,188 | 127,133,272 | 51,006,084 | (4) |
| 1931 | 67 | 6,241 | 7,548,337 | 62,324,565 | 85,672,749 | 23,348,184 | (4) |
| 1929 | 82 | 7,496 | 10,020,743 | 70,960,908 | 108,552,581 | 37,591,673 | 136,913 |
| 1927 | 79 | 7,402 | 9,709,969 | 79,016,770 | 104,926,584 | 25,909,814 | 133,633 |
| 1925 | 89 | 8,872 | 12,088,057 | 87,038,255 | 132,339,012 | 45,300,757 | 135,914 |
| 1923 | 84 | 7,571 | 10,103,182 | 70,820,150 | 118,313,978 | 47,493,828 | 120,583 |
| 1921 | 92 | 13,602 | 22,653,392 | 121,868,863 | 139,109,655 | 17,240,792 | (4) |
| 1919 | 85 | 11,781 | 15,908,118 | 87,029,144 | 149,155,892 | 62,126,748 | 117,763 |
| 1914 | 60 | 7,997 | 6,606,204 | 41,399,361 | 62,605,210 | 21,205,849 | 71,630 |
| 1909 | 58 | 7,204 | 4,808,446 | 27,265,170 | 48,122,383 | 20,857,213 | 55,112 |
| 1904 | 51 | 3,963 | 2,486,702 | 14,486,876 | 24,393,794 | 9,906,918 | 35,485 |
| 1899 | 30 | 1,970 | 1,092,207 | 4,803,796 | 7,323,857 | 2,520,061 | 14,460 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, and purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Not called for on schedule.
[5] Data not available.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | California | Idaho | Michigan | Montana | Ohio | Utah | Other States [1] |
|---|---|---|---|---|---|---|---|---|
| Number of establishments [2] | 85 | 10 | 8 | 13 | 5 | 4 | 7 | 38 |
| Proprietors and firm members | | | | | | | | |
| Persons reported by manufacturing establishments, total [3] | 12,324 | 2,263 | 1,007 | 1,800 | 844 | 502 | 971 | 4,936 |
| Salaried officers of corporations [3] | 34 | | | 11 | | 4 | 11 | 8 |
| Manufacturing: | | | | | | | | |
| Salaried employees [3] | 1,443 | 199 | 110 | 119 | 102 | 32 | 101 | 780 |
| Wage earners (average for the year) [4] | 10,410 | 1,950 | 897 | 1,585 | 732 | 466 | 796 | 3,983 |
| Distribution | 1 | | | 1 | | | | |
| Construction | 73 | | | 16 | | | | 57 |
| Other | 363 | 114 | | 68 | 10 | | 63 | 108 |
| Salaries and wages, total [3] | $16,408,052 | $3,505,047 | $1,147,022 | $2,070,241 | $1,138,290 | $653,926 | $1,103,188 | $6,790,338 |
| Salaried officers [3] | 194,635 | | | 69,500 | | 26,000 | 40,091 | 59,044 |
| Manufacturing: | | | | | | | | |
| Salaries [3] | 2,747,099 | 394,184 | 197,320 | 189,224 | 200,514 | 58,204 | 174,005 | 1,533,648 |
| Wages | 12,361,317 | 2,929,499 | 865,449 | 1,605,369 | 890,185 | 537,362 | 722,588 | 4,810,865 |
| Distribution | 1,090 | | | 1,090 | | | | |
| Construction | 206,848 | 14,800 | 22,505 | 57,585 | 16,753 | 32,360 | 13,783 | 49,062 |
| Other | 897,063 | 166,564 | 61,748 | 147,473 | 30,838 | | 152,721 | 337,719 |
| Cost of materials, supplies, containers, fuel, and purchased electric energy, total | 84,951,372 | 21,047,957 | 6,143,222 | 9,908,522 | 7,389,818 | 2,448,960 | 4,752,339 | 33,260,554 |
| Materials, supplies, and containers | 79,244,182 | 19,947,560 | 5,665,138 | 8,931,282 | 7,082,775 | 2,190,031 | 4,439,323 | 30,988,073 |
| Fuel | 5,499,046 | 1,067,816 | 465,612 | 924,288 | 299,402 | 240,591 | 289,465 | 2,211,872 |
| Purchased electric energy | 208,144 | 32,581 | 12,472 | 52,952 | 7,641 | 18,338 | 23,551 | 60,609 |
| Value of products | 134,396,017 | 36,366,869 | 10,305,297 | 14,976,294 | 10,780,455 | 3,605,518 | 8,328,539 | 50,033,045 |
| Value added by manufacture [5] | 49,444,645 | 15,318,912 | 4,162,075 | 5,067,772 | 3,390,637 | 1,156,558 | 3,576,200 | 16,772,491 |

[1] Colorado, 17 establishments; Indiana 1; Iowa, 1; Kansas, 1; Minnesota, 2; Nebraska, 7; Oregon, 1; South Dakota, 1; Washington, 1; Wisconsin, 1; Wyoming, 5.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANTIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, and purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| KIND | 1939 | 1937 | 1929 |
|---|---|---|---|
| Aggregate value [1] | $134,396,017 | $107,395,536 | $108,552,581 |
| Sugar: | | | |
| Total pounds | 3,268,883,987 | 2,592,419,745 | 2,172,109,734 |
| Total value | $125,822,984 | $99,991,185 | $100,767,031 |
| Granulated— | | | |
| Total pounds | 3,245,543,987 | 2,571,351,745 | 2,136,569,734 |
| Total value | $125,407,068 | $99,557,238 | $100,249,231 |
| Packed— | | | |
| In 100-pound bags— | | | |
| Pounds | 2,372,140,252 | | |
| Value | $91,181,564 | | |
| In small containers (less than 25 pounds)— | | | |
| Pounds | 625,687,760 | (2) | (2) |
| Value | $24,583,207 | | |
| In 25-pound bags and in barrels [3]— | | | |
| Pounds | 247,715,975 | | |
| Value | $9,642,297 | | |
| Unfinished— | | | |
| Pounds | 23,340,000 | 21,068,000 | 35,540,000 |
| Value | $415,916 | $433,947 | $517,800 |
| Molasses, sold or transferred to other factories for desugarization: | | | |
| Tons (2,000 pounds) | 159,263 | 153,898 | 115,660 |
| Value [1] | $1,367,085 | $1,161,272 | $1,369,675 |
| Molasses, other than for desugarization: | | | |
| Total tons | 89,832 | 93,786 | 77,781 |
| Total value | $826,313 | $1,070,351 | $1,169,257 |
| Discarded from desugarization process (exclusive of that used for molasses beet pulp)— | | | |
| Tons | 66,379 | 66,168 | 53,472 |
| Value | $573,856 | $693,593 | $789,615 |
| Other— | | | |
| Tons | 23,453 | 27,618 | 24,309 |
| Value | $252,457 | $376,758 | $379,642 |
| Beet pulp: | | | |
| Total tons | [4] 1,899,111 | 1,820,568 | 1,460,597 |
| Total value | [4] $5,958,047 | $5,048,978 | $5,230,795 |
| Dried pulp, exclusive of molasses pulp— | | | |
| Tons | 97,827 | 42,738 | 87,536 |
| Value | $2,026,536 | $1,085,746 | $2,127,354 |
| Moist pulp— | | | |
| Tons | 1,634,810 | [5] 1,619,513 | [5] 1,297,368 |
| Value | $1,292,960 | [5] $1,226,100 | [5] $1,124,038 |
| Molasses pulp— | | | |
| Tons | 166,474 | 158,317 | 75,693 |
| Value | $2,638,551 | $2,737,132 | $1,979,403 |
| Other products, value | [6] $421,588 | $123,750 | $15,823 |

[1] Both the value of "Molasses sold or transferred to other factories for desugarization" and that of the products resulting from desugarization enter into the aggregate, which, therefore, includes duplication in the amount of the value of the molasses desugarized within the year.
[2] No data.
[3] Combined to avoid disclosing data for quantity and value of sugar reported in barrels.
[4] Figures do not include data for small quantities of pressed pulp, the tonnage and value of which cannot be shown without disclosing the production of individual establishments.
[5] Figures include data for small quantities of pressed beet pulp.
[6] Includes value of pressed pulp referred to in footnote 4.

TABLE 4.—PRINCIPAL PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

| PRODUCT AND STATE | Quantity | Value |
|---|---|---|
| GRANULATED SUGAR | | |
| United States | *Pounds* 3,245,543,987 | $125,407,068 |
| California | 869,229,400 | 34,077,810 |
| Idaho | 254,704,900 | 9,999,611 |
| Michigan | 323,632,032 | 13,149,252 |
| Montana | 280,059,900 | 10,189,292 |
| Ohio | 83,438,050 | 3,194,464 |
| Utah | 201,169,400 | 8,039,966 |
| Other States (Colo., Ind., Iowa, Kans., Minn., Nebr., Oreg., S. Dak., Wash., Wis., and Wyo.) | 1,233,310,305 | 46,756,673 |

TABLE 4.—PRINCIPAL PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939—Continued

| PRODUCT AND STATE | Quantity | Value |
|---|---|---|
| UNFINISHED SUGAR | | |
| United States | *Pounds* 23,340,000 | $415,916 |
| California | 2,486,000 | 53,459 |
| Michigan | 1,824,000 | 49,739 |
| Montana | 1,160,000 | 20,512 |
| Ohio | 388,000 | 10,637 |
| Other States (Colo., Idaho, Iowa, Kans., Minn., Nebr., Oreg., S. Dak., Utah, Wash., Wis., and Wyo.) | 17,482,000 | 281,569 |
| MOLASSES SOLD OR TRANSFERRED TO OTHER FACTORIES FOR DESUGARIZATION | | |
| United States | *Tons (2000 pounds)* 159,263 | 1,367,085 |
| California | 18,424 | 204,402 |
| Idaho | 12,919 | 117,468 |
| Montana | 20,357 | 195,360 |
| Utah | 9,822 | 78,262 |
| Other States (Colo., Mich., Minn., Nebr., Ohio, Wash., and Wyo.) | 97,741 | 771,593 |
| MOLASSES DISCARDED FROM DESUGARIZATION PROCESS (EXCLUSIVE OF THAT USED FOR MOLASSES BEET PULP) | | |
| United States | 66,379 | 573,856 |
| Colorado | 17,978 | 100,321 |
| Michigan | 10,234 | 132,689 |
| Other States (Calif., Idaho, Ind., Iowa, Kans., Nebr., Ohio, Oreg., Utah, and Wyo.) | 38,167 | 340,846 |
| DRIED BEET PULP | | |
| United States | 97,827 | 2,026,536 |
| Michigan | 59,912 | 1,260,644 |
| Ohio | 14,895 | 331,294 |
| Other States (Calif., Colo., Idaho, Iowa, Kans., Minn., Nebr., Wis., and Wyo.) | 23,020 | 434,598 |
| MOIST BEET PULP | | |
| United States | 1,634,810 | 1,292,960 |
| California | 347,073 | 363,349 |
| Idaho | 211,647 | 98,433 |
| Montana | 192,670 | 133,191 |
| Utah | 183,067 | 83,584 |
| Other States (Colo., Nebr., Oreg., S. Dak., Wash., and Wyo.) | 700,353 | 614,403 |
| MOLASSES BEET PULP | | |
| United States | 166,474 | 2,638,551 |
| California | 91,547 | 1,505,031 |
| Other States (Colo., Iowa, Minn., Mont., Nebr., Utah, and Wyo.) | 74,927 | 1,133,520 |

TABLE 5.—SUGAR BEETS—ACREAGE PLANTED AND HARVESTED, AND QUANTITY TREATED: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Acres planted, total | 915,890 | 750,362 | 695,647 |
| By sugar manufacturers | 1,615 | 2,228 | 19,324 |
| By tenants of sugar manufacturers | 10,599 | 20,937 | 9,130 |
| By independent growers (on contract) | 903,676 | 727,197 | 667,193 |
| Acres harvested, total | 859,008 | 695,155 | 649,583 |
| By sugar manufacturers | 1,591 | 2,217 | 18,002 |
| By tenants of sugar manufacturers | 10,720 | 19,661 | 8,546 |
| By independent growers (on contract) | 846,697 | 673,277 | 623,035 |
| Tons (2,000 pounds) of beets received, total | 10,658,091 | 8,666,943 | 7,186,443 |
| Grown directly by sugar manufacturers | 23,091 | 23,868 | 178,281 |
| Grown by tenants of sugar manufacturers | 145,100 | 205,563 | 74,551 |
| Grown on contract by independent growers | 10,489,900 | 8,437,512 | 6,933,611 |
| Tons of beets treated | 10,515,462 | 8,440,394 | 6,950,526 |
| Average yield of sugar per ton of beets, pounds | 309 | 307 | 313 |
| Percentage of sucrose in beets treated: | | | |
| Maximum | 18.79 | 18.20 | 18.95 |
| Minimum | 12.73 | 13.83 | 13.28 |

TABLE 6.—BEET SUGAR CONSUMED IN SELECTED INDUSTRIES, BY QUANTITY AND COST, FOR THE UNITED STATES: 1939

| INDUSTRY | Pounds | Cost | Percentage of industries for which data were reported |
|---|---|---|---|
| Aggregate total (a) and (b) | 1,079,774,243 | $49,889,893 | 98.5 |
| (a) FOOD PRODUCTS INDUSTRIES | | | |
| Total | 1,078,066,748 | 49,814,658 | 98.3 |
| MEAT PRODUCTS | | | |
| Total | 12,627,595 | 582,443 | 98.6 |
| Meat-packing and custom slaughtering, wholesale | 12,295,825 | 566,646 | 98.5 |
| Sausages, prepared meats, and other meat products—not made in meat-packing establishments | 331,770 | 15,797 | 100.0 |
| DAIRY PRODUCTS | | | |
| Total | 113,014,935 | 5,207,888 | 98.9 |
| Creamery butter | 16,517,239 | 796,338 | 100.0 |
| Cheese | 530,701 | 25,743 | 100.0 |
| Condensed and evaporated milk | 43,220,244 | 1,929,113 | 100.0 |
| Ice cream and ices | 52,538,990 | 2,447,171 | 95.6 |
| Special dairy products | 207,761 | 9,523 | 100.0 |
| CANNED AND PRESERVED FOODS | | | |
| Total | 201,284,058 | 9,166,520 | 99.8 |
| Canned and dried fruits and vegetables (including canned soups) | 113,746,297 | 5,159,900 | 99.9 |
| Preserves, jams, jellies, and fruit butters | 42,880,643 | 1,934,945 | 99.8 |
| Pickled fruits and vegetables and vegetable sauces and seasonings | 31,110,457 | 1,452,588 | 99.4 |
| Salad dressings | 12,385,334 | 566,290 | 99.7 |
| Quick-frozen foods | 1,161,327 | 52,797 | 100.0 |
| GRAIN-MILL PRODUCTS | | | |
| Total | 22,923,405 | 1,081,543 | 96.4 |
| Flour and other grain-mill products | (1) | (1) | 97.3 |
| Prepared feeds (including mineral) for animals and fowls | (1) | (1) | 94.4 |
| Cereal preparations | 18,871,530 | 827,309 | 98.5 |
| Blended and prepared flour made from purchased flour | (1) | (1) | 94.4 |
| BAKERY PRODUCTS | | | |
| Total | 383,127,668 | 18,143,840 | 98.1 |
| Bread and other bakery products (except biscuit, crackers, and pretzels) | 276,314,405 | 13,269,147 | 97.8 |
| Biscuit, crackers, and pretzels | 106,813,263 | 4,874,693 | 99.8 |
| CONFECTIONERY AND RELATED PRODUCTS | | | |
| Total | 290,732,537 | 13,095,369 | 96.6 |
| Candy and other confectionery products | 256,399,250 | 11,607,814 | 94.9 |
| Chocolate and cocoa products | 33,428,641 | 1,446,509 | 99.9 |
| Chewing gum | 904,646 | 41,046 | 99.9 |
| BEVERAGES | | | |
| Total | 23,901,066 | 1,157,527 | 99.1 |
| Nonalcoholic beverages | 21,557,057 | 1,041,277 | 98.1 |
| Malt liquors | 931,211 | 48,556 | 99.8 |
| Wines | (1) | (1) | 100.0 |
| Liquors, rectified or blended | (1) | (1) | 100.0 |
| MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS | | | |
| Total | 30,455,484 | 1,379,528 | 98.2 |
| Flavoring extracts and flavoring sirups, not elsewhere classified | 8,458,899 | 376,896 | 94.3 |
| Vinegar and cider | (1) | (1) | 99.5 |
| Ice, manufactured | (1) | (1) | 100.0 |
| Macaroni, spaghetti, vermicelli, and noodles | 152,930 | 7,099 | 98.8 |
| Food preparations, not elsewhere classified | 21,511,111 | 979,255 | 99.8 |

TABLE 6.—BEET SUGAR CONSUMED IN SELECTED INDUSTRIES, BY QUANTITY AND COST, FOR THE UNITED STATES: 1939—Con.

| INDUSTRY | Pounds | Cost | Percentage of industries for which data were reported |
|---|---|---|---|
| (b) TOBACCO MANUFACTURES GROUP | | | |
| Total | 1,707,495 | $75,235 | 99.9 |
| Cigarettes | | | 100.0 |
| Cigars | (1) | (1) | 99.9 |
| Tobacco (chewing and smoking) and snuff | (1) | (1) | 100.0 |

[1] Figures cannot be shown separately without disclosing, exactly or approximately, data reported by individual establishments; included in the respective subgroup total.

TABLE 7.—BEET SUGAR CONSUMED IN SELECTED INDUSTRIES NAMED IN TABLE 6, BY QUANTITY AND COST, BY STATES: 1939

| | Pounds | Cost | Percentage of selected industries for which data were reported |
|---|---|---|---|
| United States | 1,079,774,243 | $49,889,893 | 98.5 |
| Alabama | 171,540 | 8,547 | 95.8 |
| Arizona | 2,167,107 | 107,932 | 98.2 |
| Arkansas | 2,738,256 | 123,599 | 97.6 |
| California | 176,681,960 | 8,045,543 | 98.1 |
| Colorado | 18,600,204 | 937,518 | 96.6 |
| Connecticut | 1,016,721 | 47,681 | 97.8 |
| Delaware | 72,028 | 3,189 | 99.5 |
| District of Columbia | 191,451 | 9,523 | 99.0 |
| Florida | 2,475,624 | 117,778 | 96.1 |
| Georgia | 1,073,606 | 53,238 | 97.2 |
| Idaho | 1,870,617 | 99,648 | 99.3 |
| Illinois | 263,361,817 | 11,892,626 | 98.5 |
| Indiana | 33,921,502 | 1,623,252 | 99.1 |
| Iowa | 32,231,263 | 1,512,512 | 99.5 |
| Kansas | 11,550,760 | 552,802 | 99.3 |
| Kentucky | 4,598,533 | 218,290 | 99.7 |
| Louisiana | 601,161 | 28,547 | 96.5 |
| Maine | 170,003 | 7,934 | 95.0 |
| Maryland | 2,041,435 | 92,263 | 99.3 |
| Massachusetts | 9,004,020 | 416,323 | 96.9 |
| Michigan | 82,551,904 | 3,818,650 | 98.6 |
| Minnesota | 36,415,865 | 1,735,835 | 99.0 |
| Mississippi | 2,541,662 | 117,858 | 92.3 |
| Missouri | 59,902,976 | 2,699,753 | 98.6 |
| Montana | 4,548,418 | 240,777 | 97.2 |
| Nebraska | 11,425,990 | 550,383 | 97.6 |
| Nevada | 44,480 | 2,159 | 98.1 |
| New Hampshire | (1) | (1) | 97.9 |
| New Jersey | 14,145,763 | 657,038 | 98.8 |
| New Mexico | 1,038,350 | 51,923 | 96.0 |
| New York | 38,101,644 | 1,850,565 | 98.1 |
| North Carolina | 1,041,523 | 49,331 | 99.5 |
| North Dakota | 2,561,821 | 126,743 | 99.5 |
| Ohio | 58,716,948 | 2,760,968 | 98.1 |
| Oklahoma | 12,318,552 | 586,713 | 98.0 |
| Oregon | 12,193,018 | 573,411 | 98.5 |
| Pennsylvania | 49,198,281 | 2,234,644 | 97.8 |
| Rhode Island | 359,500 | 17,079 | 98.2 |
| South Carolina | 556,300 | 26,478 | 96.6 |
| South Dakota | 4,487,111 | 215,547 | 99.1 |
| Tennessee | 3,677,831 | 164,781 | 98.9 |
| Texas | 31,065,530 | 1,408,265 | 98.6 |
| Utah | 10,248,343 | 523,353 | 99.3 |
| Vermont | (1) | (1) | 99.3 |
| Virginia | 730,773 | 33,933 | 99.0 |
| Washington | 27,278,686 | 1,274,415 | 99.3 |
| West Virginia | 258,850 | 12,565 | 97.0 |
| Wisconsin | 47,737,552 | 2,156,126 | 99.5 |
| Wyoming | 1,257,843 | 63,210 | 96.0 |
| Undistributed | 829,121 | 38,645 | |

[1] Figures cannot be shown separately without disclosing, exactly or approximately, data reported by individual establishments; included in those for "Undistributed."

TABLE 8.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 10,410 | 6,710 | 3,636 | 3,631 | 4,022 | 4,368 | 4,541 | 5,136 | 8,094 | 10,949 | 27,541 | 27,195 | 19,092 |
| 1937 | 9,366 | 4,395 | 3,332 | 3,595 | 4,174 | 4,397 | 4,694 | 5,012 | 7,342 | 9,335 | 28,134 | 26,523 | 11,464 |
| 1929 | 7,496 | 3,591 | 2,620 | 2,673 | 2,758 | 2,870 | 3,114 | 3,548 | 5,100 | 6,129 | 21,379 | 22,164 | 14,003 |
| California | 1,950 | 641 | 709 | 808 | 707 | 780 | 824 | 1,106 | 3,517 | 3,920 | 3,899 | 3,741 | 2,748 |
| Colorado | 1,730 | 757 | 747 | 789 | 854 | 923 | 904 | 785 | 854 | 1,438 | 5,209 | 5,186 | 2,316 |
| Idaho | 897 | 1,193 | 252 | 278 | 341 | 358 | 351 | 368 | 452 | 922 | 2,305 | 2,290 | 1,655 |
| Michigan | 1,585 | 605 | 364 | 458 | 467 | 599 | 638 | 773 | 949 | 1,221 | 4,548 | 4,592 | 3,804 |
| Montana | 732 | 576 | 576 | 217 | 264 | 323 | 345 | 448 | 468 | 681 | 1,908 | 1,604 | 1,378 |
| Ohio | 466 | 150 | 137 | 141 | 196 | 230 | 274 | 358 | 366 | 327 | 1,234 | 1,265 | 919 |
| Utah | 796 | 834 | 206 | 226 | 357 | 312 | 329 | 359 | 382 | 665 | 1,804 | 2,142 | 1,932 |

TABLE 9.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 85 |
| Reporting expenditures for plant and equipment | 83 |
| Value of products: | |
| Total for the industry | $134,396,017 |
| Reporting expenditures for plant and equipment | 132,441,643 |
| Expenditures for plant and equipment: | |
| Total for the industry | 3,003,070 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 1,099,637 |
| Expenditures for new machinery and operating equipment | 1,752,853 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 150,580 |

TABLE 10.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $87,811,149 | $58,019,931 |
| Finished products | 79,303,390 | 48,896,795 |
| Materials, supplies, etc | 8,507,759 | 9,123,136 |
| End of year, total | 85,367,771 | 74,459,972 |
| Finished products | 76,263,496 | 63,645,278 |
| Materials, supplies, etc | 9,104,275 | 10,814,694 |
| Value of products for the industry, total | 134,396,017 | 107,395,536 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 129,595,413 | 105,394,452 |
| Value for establishments not reporting inventories | 4,800,604 | 2,001,084 |

TABLE 11.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 85 | 82 |
| Number of establishments reporting power equipment | 85 | 82 |
| Prime movers, aggregate: | | |
| Number | 504 | 545 |
| Horsepower | 204,478 | 136,913 |
| Prime movers, driving generators, total— | | |
| Number | 230 | [1] 545 |
| Horsepower | 142,429 | [1] 136,913 |

TABLE 11.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929—Continued

| | 1939 | 1929 |
|---|---|---|
| Prime movers—Continued | | |
| Prime movers, driving generators—Continued. | | |
| Steam engines— | | |
| Number | 162 | [1] 474 |
| Horsepower | 54,948 | [1] 104,975 |
| Steam turbines— | | |
| Number | 63 | [1] 54 |
| Horsepower | 86,001 | [1] 30,701 |
| Diesel and semi-Diesel engines— | | |
| Number | 2 | [1] 17 |
| Horsepower | 380 | [1] 1,237 |
| Other internal-combustion engines [2]— | | |
| Number | 3 | |
| Horsepower | 1,100 | |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 3,790 | |
| Prime movers not driving generators, total— | | |
| Number | 274 | |
| Horsepower | 62,049 | |
| Steam engines— | | |
| Number | 245 | (3) |
| Horsepower | 58,777 | |
| Steam turbines— | | |
| Number | 28 | |
| Horsepower | 3,222 | |
| Diesel and semi-Diesel engines— | | |
| Number | 1 | |
| Horsepower | 50 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 1,290 | (3) |
| Generators, kilowatt rating, total | 86,270 | 54,039 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 25,595 | (3) |
| Steam turbines, kilowatt rating | 59,810 | (3) |
| Diesel and semi-Diesel engines, kilowatt rating | 245 | (3) |
| Other internal-combustion engines,[2] kilowatt rating | 620 | (3) |
| Generators, ordinarily idle (included above), kilowatt rating | 2,586 | (4) |
| Electric motors, total: | | |
| Number | 10,062 | 5,035 |
| Horsepower | 151,647 | 85,340 |
| Driven by purchased energy— | | |
| Number | 1,024 | 622 |
| Horsepower | 14,597 | 9,480 |
| Driven by energy generated in establishments reporting— | | |
| Number | 9,038 | 4,413 |
| Horsepower | 137,050 | 75,860 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 149,335,845 | (4) |
| Sold | 11,236,876 | (3) |
| Purchased | 11,571,913 | 5,246,818 |

[1] Includes data for prime movers not driving generators.
[2] Gas, gasoline, etc.
[3] Not called for on schedule.
[4] Data not available.

# CANE SUGAR—EXCEPT REFINERIES

[A preliminary report for this industry was issued October 9, 1940]

**Description of the industry.**—The Cane-Sugar industry consists of establishments primarily engaged in the manufacture of raw sugar, granulated and clarified sugar, and sirup and molasses made from sugar cane. It does not, therefore, cover the refining of purchased cane sugar, which is treated as a separate industry.

**Period covered by report.**—The questionnaires used for this industry called for data on the manufacture of sugar during the seasons 1939–40, 1937–38, and 1929–30 from cane grown in the calendar years 1939, 1937, and 1929, respectively.

**Concentration in Louisiana.**—All the establishments classified in this industry are located in Louisiana, with the exception of one plant located in Florida.

TABLE 1.—CANE SUGAR—EXCEPT REFINERIES—SUMMARY FOR THE UNITED STATES: 1909 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 78 | 4,217 | $2,573,319 | $23,017,224 | $33,526,898 | $10,509,674 | 106,562 |
| 1937 | 72 | 4,221 | 2,379,979 | 20,722,349 | 29,151,355 | 8,429,006 | (5) |
| 1935 | 74 | 2,944 | 1,530,460 | 18,297,882 | 26,280,614 | 7,982,732 | (5) |
| 1933 | 67 | 2,371 | 1,227,874 | 11,593,849 | 18,233,202 | 6,639,353 | (5) |
| 1931 | 68 | 2,032 | 1,332,665 | 10,007,813 | 13,981,079 | 3,973,266 | (5) |
| 1929 | 70 | 2,319 | 1,642,463 | 12,222,558 | 18,325,792 | 6,103,234 | 66,513 |
| 1927 | 53 | 971 | 639,154 | 5,830,411 | 8,009,120 | 2,178,709 | 45,681 |
| 1925 | 94 | 2,066 | 1,410,964 | 11,586,359 | 13,434,999 | 1,848,640 | 72,796 |
| 1923 | 122 | 2,820 | 1,727,893 | 20,963,005 | 27,180,783 | 6,217,778 | 87,853 |
| 1921 | 134 | 2,724 | 2,296,207 | 16,941,432 | 22,961,221 | 6,019,789 | (5) |
| 1919 | 202 | 6,101 | 4,009,369 | 44,143,416 | 57,741,320 | 13,597,904 | 101,859 |
| 1914 | 181 | 3,632 | 1,561,376 | 15,958,218 | 21,635,373 | 5,677,155 | 113,214 |
| 1909 [7] | 214 | 4,127 | 1,862,751 | 21,294,844 | 30,620,738 | 9,325,894 | 121,609 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Cost of contract work is included in the figures for 1939 and 1937, but not included for prior years.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.
[7] Prior to 1909, the "Cane sugar—except refineries" industry and the "Cane-sugar refining" industry were combined.

TABLE 2.—GENERAL STATISTICS IN DETAIL: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States |
|---|---|
| Number of establishments [1] | [2] 78 |
| Proprietors and firm members | 37 |
| Persons reported by manufacturing establishments, total [3] | 5,294 |
| Salaried officers of corporations [3] | 74 |
| Manufacturing: | |
| Salaried employees [3] | 613 |
| Wage earners (average for the year) [4] | 4,217 |
| Distribution | 15 |
| Construction | 369 |
| Other | 6 |
| Salaries and wages, total [3] | $3,731,239 |
| Salaried officers [3] | 268,022 |
| Salaries and wages—Continued. | |
| Manufacturing: | |
| Salaries [3] | $558,952 |
| Wages | 2,573,319 |
| Distribution | 19,333 |
| Construction | 301,527 |
| Other | 10,086 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 23,017,224 |
| Materials, supplies, and containers | 22,317,139 |
| Fuel | 615,321 |
| Purchased electric energy | 67,275 |
| Contract work | 17,489 |
| Value of products | 33,526,898 |
| Value added by manufacture [5] | 10,509,674 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] Florida, 1 establishment; Louisiana, 77.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| KIND | 1939 | 1937 | 1929 |
|---|---|---|---|
| Total value | $33,526,898 | $29,151,355 | $18,325,792 |
| Sugar: | | | |
| Total tons (2,000 pounds) | 506,042 | 392,321 | 179,839 |
| Total value | $30,065,761 | $25,734,312 | $13,749,995 |
| Raw— | | | |
| Tons | 417,314 | 303,518 | 141,593 |
| Value | $22,909,107 | $18,961,840 | $10,278,631 |
| Granulated [1]— | | | |
| Tons | 50,471 | 45,305 | 27,742 |
| Value | $4,385,988 | $3,687,550 | $2,639,143 |
| Clarified [1]— | | | |
| Tons | 38,257 | 43,498 | 10,504 |
| Value | $2,770,666 | $3,084,922 | $832,221 |
| Sirup: [2] | | | |
| Gallons | 3,729,290 | 2,951,579 | 4,625,236 |
| Value | $1,054,174 | $911,199 | $1,341,163 |
| Molasses, other than blackstrap: [2] | | | |
| Gallons | 6,017,215 | 4,295,697 | 7,956,866 |
| Value | $809,520 | $533,227 | $1,369,973 |
| Blackstrap molasses: [2] | | | |
| Gallons | 31,647,225 | 26,428,679 | 10,874,130 |
| Value | $1,280,822 | $1,359,415 | $1,088,150 |
| Bagasse, for sale as such: | | | |
| Tons | 119,960 | 179,966 | 134,055 |
| Value | $303,058 | $499,895 | $684,055 |
| Other products, value: [3] | $13,563 | $113,307 | $92,456 |

[1] See footnote 2, table 3, of the report for "Cane-sugar refining," p. 186.
[2] For production of refiners' sirup and blackstrap, see table 3, report for "Cane-sugar refining."
[3] Turbinado, second and third sugars, sugar in process, etc.

TABLE 4.—CANE GROWN AND CRUSHED, BY QUANTITY AND COST: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Total tons (2,000 pounds) | 6,102,570 | 5,234,637 | 2,726,310 |
| Total cost | $19,345,831 | $17,410,612 | $10,468,456 |
| Cane grown and crushed by establishments reporting: | | | |
| Tons | 2,086,925 | 2,007,551 | 818,089 |
| Cost [1] | $6,674,003 | $6,604,465 | $2,877,814 |
| Cane purchased and crushed: | | | |
| Tons | 3,993,056 | 3,206,243 | 1,847,819 |
| Cost | $12,604,885 | $10,746,837 | $7,397,007 |
| Cane crushed for others on custom or share basis: | | | |
| Tons | 22,589 | 20,843 | 60,402 |
| Cost | $66,943 | $59,310 | $193,635 |

[1] Cost of production.

TABLE 5.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| CENSUS YEAR | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| 1939 | 4,217 | 2,150 | 1,431 | 1,844 | 1,910 | 1,861 | 1,960 | 2,262 | 2,626 | 2,737 | 9,870 | 11,298 | 10,653 |
| 1937 | 4,221 | 5,026 | 1,660 | 1,770 | 1,859 | 1,867 | 2,176 | 2,556 | 2,585 | 2,535 | 7,781 | 10,316 | 10,525 |
| 1929 | 2,319 | 1,653 | 693 | 608 | 652 | 695 | 867 | 989 | 1,018 | 1,226 | 4,986 | 7,204 | 7,238 |

TABLE 6.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 78 |
| Reporting expenditures for plant and equipment | 68 |
| Value of products: | |
| Total for the industry | $33,526,898 |
| Reporting expenditures for plant and equipment | 30,957,411 |
| Expenditures for plant and equipment: | |
| Total for the industry | 1,631,972 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 734,696 |
| Expenditures for new machinery and operating equipment | 750,573 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 145,503 |
| Expenditures unclassified | 1,200 |

TABLE 7.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $9,491,320 | $4,617,540 |
| Finished products | 8,934,782 | 3,991,225 |
| Materials, supplies, etc | 556,538 | 626,315 |
| End of year, total | 9,375,064 | 4,741,519 |
| Finished products | 8,817,434 | 3,988,386 |
| Materials, supplies, etc | 557,630 | 753,133 |
| Value of products for the industry, total | 33,526,898 | 29,151,355 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 30,202,514 | 26,213,740 |
| Value for establishments not reporting inventories | 3,324,384 | 2,937,615 |

TABLE 8.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 78 | 70 |
| Number of establishments reporting power equipment | 78 | 70 |
| Prime movers, aggregate: | | |
| Number | 1,016 | 664 |
| Horsepower | 106,562 | 66,513 |
| Prime movers, driving generators, total— | | |
| Number | 134 | [1] 664 |
| Horsepower | 24,176 | [1] 66,513 |
| Steam engines— | | |
| Number | 111 | [1] 591 |
| Horsepower | 13,120 | [1] 59,860 |
| Steam turbines— | | |
| Number | 15 | [1] 34 |
| Horsepower | 9,251 | [1] 5,077 |
| Diesel and semi-Diesel engines— | | |
| Number | 8 | |
| Horsepower | 1,805 | |
| Other internal-combustion engines [2]— | | |
| Number | | [1] 37 |
| Horsepower | | [1] 1,526 |
| Hydroturbines and water wheels— | | |
| Number | | [1] 2 |
| Horsepower | | [1] 50 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 4,281 | |
| Prime movers not driving generators, total— | | |
| Number | 882 | |
| Horsepower | 82,386 | |
| Steam engines— | | |
| Number | 718 | (3) |
| Horsepower | 72,757 | |
| Steam turbines— | | |
| Number | 120 | |
| Horsepower | 7,914 | |
| Prime movers—Continued. | | |
| Prime movers, not driving generators—Continued. | | |
| Diesel and semi-Diesel engines— | | |
| Number | 13 | |
| Horsepower | 706 | |
| Other internal-combustion engines [2]— | | (3) |
| Number | 31 | |
| Horsepower | 1,009 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 3,008 | (3) |
| Generators, kilowatt rating, total | 14,874 | 2,101 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 7,454 | |
| Steam turbines, kilowatt rating | 6,233 | (3) |
| Diesel and semi-Diesel engines, kilowatt rating | 1,187 | |
| Generators, ordinarily idle (included above), kilowatt rating | 3,007 | (4) |
| Electric motors, total: | | |
| Number | 885 | 173 |
| Horsepower | 17,341 | 2,243 |
| Driven by purchased energy— | | |
| Number | 256 | 13 |
| Horsepower | 5,088 | 266 |
| Driven by energy generated in establishments reporting— | | |
| Number | 629 | 160 |
| Horsepower | 12,253 | 1,077 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 14,248,452 | (4) |
| Sold | 409,700 | (3) |
| Purchased | 2,204,735 | 272,449 |

[1] Includes data for prime movers not driving generators. [2] Gas, gasoline, etc. [3] Not called for on schedule. [4] Data not available.

# CANE-SUGAR REFINING

[A preliminary report for this industry was issued September 11, 1940]

**Description of the industry.**—The "Cane-sugar refining" industry embraces establishments engaged in the refining of raw cane sugar, the greater part of which is imported. All these establishments are located in the United States, exclusive of its territories and possessions, and most of them are located in or near the seaports through which the raw sugar is imported. (Manufacture of cane sugar in sugar mills is covered by a separate classification, "Cane sugar—except refineries." See page 182.)

TABLE 1.—CANE-SUGAR REFINING—SUMMARY FOR THE UNITED STATES: 1909 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 27 | 14,133 | $16,196,690 | [5] $333,876,627 | [5] $389,869,764 | $55,993,137 | 113,634 |
| 1937 | 23 | 14,024 | 15,973,300 | [5] 362,652,689 | [5] 424,630,784 | 61,978,095 | (6) |
| 1935 | 18 | 13,832 | 13,913,501 | [5] 336,176,671 | [5] 377,214,442 | 41,037,771 | (7) |
| 1933 | 19 | 11,495 | 12,237,321 | 281,535,944 | 337,075,225 | 55,539,281 | (6) |
| 1931 | 19 | 11,855 | 15,547,243 | 335,932,606 | 395,302,939 | 59,370,333 | (6) |
| 1929 | 21 | 13,912 | 17,850,493 | 438,399,151 | 507,389,262 | 68,990,111 | 84,565 |
| 1927 | 21 | 13,996 | 17,707,257 | 551,594,278 | 597,445,632 | 45,851,354 | 84,396 |
| 1925 | 21 | 14,502 | 18,955,114 | 549,896,102 | 606,632,783 | 56,736,681 | 85,284 |
| 1923 | 20 | 15,254 | 20,044,499 | 681,880,139 | 726,241,577 | 44,361,438 | 72,682 |
| 1921 | 20 | 15,457 | 19,463,410 | 426,600,908 | 466,602,352 | 40,001,444 | (6) |
| 1919 | 20 | 18,202 | 22,710,464 | 662,143,981 | 730,986,706 | 68,842,725 | 52,181 |
| 1914 | 18 | 11,253 | 7,823,377 | 264,085,358 | 289,398,715 | 25,313,357 | 45,476 |
| 1909 | 19 | 9,399 | 5,620,971 | 226,287,960 | 248,628,659 | 22,340,699 | 37,468 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Includes excise taxes paid or accrued during 1939, 1937, and 1935.
[6] Not called for on schedule.
[7] Data not available.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Louisiana | New York | Pennsylvania | Other States [1] |
|---|---|---|---|---|---|
| Number of establishments [2] | 27 | 7 | 6 | 3 | 11 |
| Proprietors and firm members | 3 | 3 | | | |
| Persons reported by manufacturing establishments, total [3] | 16,828 | 3,601 | 3,284 | 2,466 | 7,477 |
| Salaried officers of corporations [3] | 24 | 2 | | 14 | 8 |
| Manufacturing: | | | | | |
| Salaried employees [3] | 1,682 | 238 | 413 | 236 | 795 |
| Wage earners (average for the year) [4] | 14,133 | 3,247 | 2,650 | 2,016 | 6,220 |
| Distribution | 193 | 15 | 26 | 63 | 89 |
| Construction | 266 | 58 | 97 | 5 | 106 |
| Other | 530 | 41 | 98 | 132 | 259 |
| Salaries and wages, total [3] | $21,412,044 | $2,725,036 | $5,145,569 | $3,419,889 | $10,121,550 |
| Salaried officers [3] | 207,722 | 19,500 | | 131,300 | 56,922 |
| Manufacturing: | | | | | |
| Salaries [3] | 3,613,035 | 396,494 | 937,796 | 524,976 | 1,753,769 |
| Wages | 16,196,690 | 2,172,767 | 3,782,706 | 2,554,246 | 7,686,971 |
| Distribution | 394,964 | 31,283 | 90,517 | 104,665 | 168,499 |
| Construction | 365,636 | 66,473 | 128,140 | 17,996 | 153,027 |
| Other | 633,997 | 38,519 | 206,410 | 86,706 | 302,362 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 333,876,627 | 58,110,127 | 67,265,046 | 49,990,896 | 158,510,558 |
| Materials, supplies, and containers | [5] 329,336,487 | 57,434,777 | 66,211,544 | 49,186,751 | [5] 156,503,415 |
| Fuel | 4,412,707 | 673,885 | 1,035,858 | 803,689 | 1,899,275 |
| Purchased electric energy | 127,433 | 1,465 | 17,644 | 456 | 107,868 |
| Contract work | (5) | | | | (5) |
| Value of products | 389,869,764 | 66,673,546 | 79,738,320 | 59,941,226 | 183,516,672 |
| Value added by manufacture [6] | 55,993,137 | 8,563,419 | 12,473,274 | 9,950,330 | 25,006,114 |

[1] California, 2 establishments; Georgia, 1; Illinois, 1; Indiana, 1; Maryland, 1; Massachusetts, 2; New Jersey, 1; Texas, 1; Wisconsin, 1.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Cost of "Contract work" included in "Cost of materials, supplies, and containers" to avoid disclosing data reported by an individual establishment.
[6] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

[No data for cane-sugar mills are included]

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Total value | $389,869,764 | $424,630,784 | $507,389,262 |
| Refinery products | 388,463,885 | 422,309,743 | 507,198,319 |
| Other products and receipts [1] | 1,405,879 | 2,321,041 | 190,943 |
| Refined sugar, hard (all grades)[2]: | | | |
| Total pounds | 7,780,250,863 | 8,502,572,449 | 9,589,513,496 |
| Total value | $356,952,682 | $395,142,101 | $473,346,370 |
| Packed— | | | |
| In barrels— | | | |
| Pounds | 410,601,432 | | |
| Value | $18,921,206 | | |
| In 100-pound bags— | | | |
| Pounds | 4,122,701,808 | | |
| Value | $185,783,413 | | |
| In 25-pound bags— | | (3) | (3) |
| Pounds | 409,542,807 | | |
| Value | $18,672,768 | | |
| In small containers— | | | |
| Pounds | 2,837,404,816 | | |
| Value | $133,575,295 | | |
| Refined sugar, soft or brown (all grades)[2]: | | | |
| Pounds | 472,765,953 | 528,591,995 | 641,101,288 |
| Value | $20,251,354 | $22,603,146 | $29,057,634 |
| Refiners' sirup, edible [4]: | | | |
| Gallons | 3,428,277 | 2,735,498 | 4,320,168 |
| Value | $827,915 | $546,826 | $919,802 |
| Sugar sirup [4]: | | | |
| Invert-sugar sirups, of all densities— | | | |
| Gallons | 10,317,841 | | |
| Value | $4,456,980 | 7,029,582 | (5) |
| Other sugar sirups— | | $2,618,646 | $830,085 |
| Gallons | 15,778,907 | | |
| Value | $5,018,809 | | |
| Refiners' blackstrap and nonedible sirup, value [4] | $956,145 | $1,399,024 | $3,044,428 |

[1] Principally contract work, steam and electric energy, and bags sold.
[2] For production in the "Cane sugar—except refineries" industry, see table 3 of that report. The total production in the "Cane sugar—except refineries" and the "Cane sugar refining" industries of sugar intended for consumption without further refining was as follows: 1939, 4,215,236 tons, $384,360,690; 1937, 4,604,385 tons, $424,517,719; 1929, 5,153,554 tons, $505,875,368.
[3] Not called for on schedule.
[4] For the production of sirup and blackstrap molasses in the "Cane sugar—except refineries" industry, see table 3 of the report for that industry.
[5] Quantity not called for on schedule.

TABLE 4.—PRINCIPAL PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

| PRODUCT AND STATE | Quantity | Value |
|---|---|---|
| REFINED SUGAR, HARD (ALL GRADES) | | |
| | *Pounds* | |
| Total | 7,780,250,863 | $356,952,682 |
| Louisiana | 1,425,752,491 | 63,828,431 |
| New York | 1,455,355,371 | 66,510,062 |
| Pennsylvania | 1,208,551,069 | 57,569,459 |
| Other States (Calif., Ga., Ill., Md., Mass., N. J., and Tex.) | 3,690,591,932 | 169,044,730 |
| REFINED SUGAR, SOFT OR BROWN (ALL GRADES) | | |
| Total | 472,765,953 | 20,251,354 |
| Louisiana | 46,871,836 | 1,880,928 |
| New York | 125,818,116 | 5,237,541 |
| Pennsylvania | 44,346,573 | 1,954,042 |
| Other States (Calif., Ga., Md., Mass., N. J., and Tex.) | 255,729,428 | 11,178,843 |
| INVERT-SUGAR SIRUPS OF ALL DENSITIES | | |
| | *Gallons* | |
| Total | 10,317,841 | 4,456,980 |
| (Calif., La., N. J., N. Y., Pa., and Wis.) | 10,317,841 | 4,456,980 |
| OTHER SUGAR SIRUPS | | |
| Total | 15,778,907 | 5,018,809 |
| New York | 10,115,885 | 3,189,615 |
| Other States (Ill., Ind., Mass., N. J., Pa., and Wis.) | 5,663,022 | 1,829,194 |
| REFINERS' BLACKSTRAP AND NONEDIBLE SIRUP | | |
| Total | ---------- | 956,145 |
| Louisiana | ---------- | 225,630 |
| New York | ---------- | 166,888 |
| Pennsylvania | ---------- | 182,844 |
| Other States (Calif., Ga., Md., Mass., N. J., and Tex.) | ---------- | 380,783 |

TABLE 5.—RAW SUGAR TREATED IN THE UNITED STATES (EXCLUSIVE OF ITS TERRITORIES AND POSSESSIONS), BY PLACE OF ORIGIN: 1939, 1937, AND 1929

[Tons of 2,000 pounds]

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Aggregate | 4,403,639 | 4,722,660 | 5,295,815 |
| Domestic, total | 2,169,458 | 1,947,851 | 1,423,052 |
| United States (exclusive of its territories and possessions) | 425,347 | 324,368 | [1] 988,221 |
| Hawaii | 879,676 | 890,460 | |
| Puerto Rico and Virgin Islands | 864,435 | 733,023 | 434,831 |
| Foreign, total | 2,234,181 | 2,774,809 | 3,872,763 |
| Cuba | 1,314,021 | 1,735,421 | 3,227,933 |
| Philippines | 859,936 | 924,302 | 644,830 |
| All other [2] | 60,224 | 115,086 | ---------- |

[1] Combined to avoid disclosing amounts treated by individual establishments.
[2] From Haiti, Peru, and Santo Domingo.

TABLE 6.—CANE SUGAR CONSUMED IN SELECTED INDUSTRIES, BY QUANTITY AND COST, FOR THE UNITED STATES: 1939

| INDUSTRY | Pounds | Cost | Percentage of industries for which data were reported |
|---|---|---|---|
| Aggregate total (*a*) and (*b*) | 3,285,626,870 | $151,750,653 | 98.5 |
| (*a*) FOOD PRODUCTS INDUSTRIES | | | |
| Total | 3,247,578,406 | 150,264,525 | 98.3 |
| MEAT PRODUCTS | | | |
| Total | 35,528,413 | 1,596,419 | 98.6 |
| Meat-packing and custom slaughtering, wholesale | 30,635,437 | 1,369,177 | 98.5 |
| Sausages, prepared meats, and other meat products—not made in meat-packing establishments | 4,892,976 | 227,242 | 100.0 |
| DAIRY PRODUCTS | | | |
| Total | 214,206,863 | 10,169,396 | 98.9 |
| Creamery butter | 13,942,163 | 691,169 | 100.0 |
| Cheese | 1,271,205 | 58,861 | 100.0 |
| Condensed and evaporated milk | 63,164,993 | 3,035,789 | 100.0 |
| Ice cream and ices | 130,416,768 | 6,126,927 | 95.6 |
| Special dairy products | 5,411,734 | 256,650 | 100.0 |
| CANNED AND PRESERVED FOODS | | | |
| Total | 397,718,035 | 18,039,499 | 99.8 |
| Canned and dried fruits and vegetables (including canned soups) | 220,674,064 | 9,985,200 | 99.9 |
| Preserves, jams, jellies, and fruit butters | 74,078,737 | 3,388,327 | 99.8 |
| Pickled fruits and vegetables and vegetable sauces and seasonings | 55,435,320 | 2,523,846 | 99.4 |
| Salad dressings | 40,990,745 | 1,847,505 | 99.7 |
| Quick-frozen foods | 6,539,169 | 294,621 | 100.0 |
| GRAIN-MILL PRODUCTS | | | |
| Total | 26,713,602 | 1,200,053 | 96.4 |
| Flour and other grain-mill products | 12,993 | 623 | 97.3 |
| Prepared feeds (including mineral) for animals and fowls | (1) | (1) | 94.4 |
| Cereal preparations | (1) | (1) | 98.5 |
| Blended and prepared flour made from purchased flour | 23,236,549 | 1,050,092 | 94.4 |
| BAKERY PRODUCTS | | | |
| Total | 742,210,826 | 35,682,368 | 98.1 |
| Bread and other bakery products (except biscuit, crackers, and pretzels) | 620,608,362 | 30,262,784 | 97.8 |
| Biscuit, crackers, and pretzels | 121,602,464 | 5,419,584 | 99.8 |
| CONFECTIONERY AND RELATED PRODUCTS | | | |
| Total | 736,268,104 | 33,462,819 | 96.6 |
| Candy and other confectionery products | 451,882,122 | 20,898,558 | 94.9 |
| Chocolate and cocoa products | 223,595,338 | 9,794,129 | 99.9 |
| Chewing gum | 60,790,644 | 2,770,132 | 99.9 |
| BEVERAGES | | | |
| Total | 459,771,659 | 22,122,400 | 99.1 |
| Nonalcoholic beverages | 437,652,202 | 21,137,864 | 98.1 |
| Malt liquors | 8,180,081 | 357,755 | 99.8 |
| Wines | 10,621,788 | 465,705 | 100.0 |
| Liquors, rectified or blended | 3,317,588 | 161,076 | 100.0 |

See footnote at end of table.

TABLE 6.—CANE SUGAR CONSUMED IN SELECTED INDUSTRIES, BY QUANTITY AND COST, FOR THE UNITED STATES: 1939—Continued

| INDUSTRY | Pounds | Cost | Percentage of industries for which data were reported |
|---|---|---|---|
| MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS | | | |
| Total | 635,160,904 | $27,991,571 | 98.2 |
| Flavoring extracts and flavoring sirups, not elsewhere classified | 424,115,139 | 18,953,296 | 94.3 |
| Vinegar and cider | 573,744 | 25,753 | 99.5 |
| Ice, manufactured | 116,665 | 5,882 | 100.0 |
| Macaroni, spaghetti, vermicelli, and noodles | 348,620 | 17,317 | 98.8 |
| Food preparations, not elsewhere classified | 210,006,736 | 8,989,323 | 99.8 |
| (b) TOBACCO MANUFACTURES GROUP | | | |
| Total | 38,048,464 | 1,486,128 | 99.9 |
| Cigarettes | (1) | (1) | 100.0 |
| Cigars | (1) | (1) | 99.9 |
| Tobacco (chewing and smoking) and snuff | 17,887,154 | 710,507 | 100.0 |

[1] Cannot be shown separately without disclosing, exactly or approximately, data reported by individual establishments; figures are included in the respective subgroup total.

TABLE 7.—CANE SUGAR CONSUMED IN SELECTED INDUSTRIES NAMED IN TABLE 6, BY QUANTITY AND COST, BY STATES: 1939

| | Pounds | Cost | Percentage of selected industries for which data were reported |
|---|---|---|---|
| United States | 3,285,626,870 | $151,750,653 | 98.5 |
| Alabama | 30,060,784 | 1,415,579 | 95.8 |
| Arizona | 3,081,559 | 157,842 | 98.2 |
| Arkansas | 8,864,939 | 431,477 | 97.6 |
| California | 191,691,891 | 8,894,647 | 98.1 |
| Colorado | 4,078,820 | 211,796 | 96.6 |
| Connecticut | 28,304,128 | 1,354,538 | 97.8 |
| Delaware | 4,833,917 | 230,914 | 99.5 |
| District of Columbia | 14,220,180 | 672,413 | 99.0 |
| Florida | 38,561,143 | 1,742,438 | 96.1 |
| Georgia | 87,235,729 | 4,130,138 | 97.2 |

TABLE 7.—CANE SUGAR CONSUMED IN SELECTED INDUSTRIES NAMED IN TABLE 6, BY QUANTITY AND COST, BY STATES: 1939—Continued

| | Pounds | Cost | Percentage of selected industries for which data were reported |
|---|---|---|---|
| Idaho | 1,477,380 | $82,680 | 99.3 |
| Illinois | 310,697,625 | 14,732,188 | 98.5 |
| Indiana | 72,739,080 | 3,550,295 | 99.1 |
| Iowa | 13,207,966 | 639,928 | 99.5 |
| Kansas | 8,755,470 | 427,437 | 99.3 |
| Kentucky | 36,372,931 | 1,733,026 | 99.7 |
| Louisiana | 64,944,648 | 3,003,622 | 96.5 |
| Maine | 13,128,684 | 603,585 | 95.0 |
| Maryland | 125,535,012 | 5,708,652 | 99.3 |
| Massachusetts | 199,201,773 | 9,246,266 | 96.9 |
| Michigan | 61,245,372 | 2,959,337 | 98.6 |
| Minnesota | 16,976,544 | 832,707 | 99.0 |
| Mississippi | 15,052,439 | 709,034 | 92.3 |
| Missouri | 79,544,177 | 3,839,833 | 98.6 |
| Montana | 436,731 | 23,882 | 97.2 |
| Nebraska | 5,762,656 | 292,478 | 97.6 |
| Nevada | 977,012 | 49,722 | 98.1 |
| New Hampshire | 3,254,564 | 158,865 | 97.9 |
| New Jersey | 190,727,157 | 8,608,169 | 98.8 |
| New Mexico | 1,696,039 | 88,349 | 96.0 |
| New York | 690,289,037 | 30,275,388 | 98.1 |
| North Carolina | 52,297,717 | 2,331,973 | 99.5 |
| North Dakota | 1,350,641 | 72,313 | 99.5 |
| Ohio | 145,006,504 | 6,917,676 | 98.1 |
| Oklahoma | 10,977,420 | 542,417 | 98.0 |
| Oregon | 34,278,478 | 1,619,915 | 98.5 |
| Pennsylvania | 399,743,965 | 18,339,214 | 97.8 |
| Rhode Island | 14,940,645 | 739,167 | 98.2 |
| South Carolina | 15,782,626 | 741,334 | 96.6 |
| South Dakota | 2,052,090 | 101,133 | 99.1 |
| Tennessee | 45,383,186 | 2,113,875 | 98.9 |
| Texas | 90,109,546 | 4,307,314 | 98.6 |
| Utah | 2,742,062 | 145,125 | 99.3 |
| Vermont | 9,795,795 | 465,491 | 99.3 |
| Virginia | 47,636,745 | 2,187,391 | 99.0 |
| Washington | 29,726,710 | 1,404,200 | 99.3 |
| West Virginia | 14,584,843 | 714,506 | 97.0 |
| Wisconsin | 45,712,225 | 2,169,891 | 99.5 |
| Wyoming | 550,285 | 30,493 | 96.0 |

TABLE 8.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 14,133 | 13,531 | 12,939 | 13,619 | 15,592 | 13,938 | 13,688 | 15,315 | 15,132 | 13,368 | 14,818 | 14,134 | 13,524 |
| 1937 | 14,024 | 12,187 | 14,513 | 15,649 | 15,528 | 14,645 | 13,489 | 15,248 | 15,396 | 12,807 | 13,170 | 13,279 | 12,376 |
| 1929 | 13,912 | 13,458 | 13,887 | 14,523 | 14,536 | 13,563 | 14,448 | 14,675 | 14,981 | 13,603 | 14,030 | 13,039 | 12,197 |
| Louisiana | 3,247 | 3,171 | 2,631 | 3,023 | 3,859 | 2,890 | 2,922 | 3,790 | 3,479 | 3,704 | 3,323 | 3,053 | 3,116 |
| New York | 2,650 | 2,307 | 2,286 | 2,371 | 3,239 | 2,757 | 2,410 | 3,157 | 3,113 | 1,668 | 3,022 | 3,057 | 2,417 |
| Pennsylvania | 2,016 | 1,942 | 1,906 | 2,042 | 2,055 | 2,077 | 1,958 | 1,954 | 1,982 | 2,239 | 2,179 | 1,838 | 2,019 |

TABLE 9.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 27 |
| Reporting expenditures for plant and equipment | 22 |
| Value of products: | |
| Total for the industry | $389,869,764 |
| Reporting expenditures for plant and equipment | 376,608,105 |
| Expenditures for plant and equipment: | |
| Total for the industry | 2,578,050 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 592,082 |
| Expenditures for new machinery and operating equipment | 1,974,502 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 11,466 |

TABLE 10.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $44,669,539 | $44,141,831 |
| Finished products | 24,893,954 | 26,622,451 |
| Materials, supplies, etc | 19,775,585 | 17,519,380 |
| End of year, total | 56,439,723 | 46,964,288 |
| Finished products | 26,050,313 | 30,690,739 |
| Materials, supplies, etc | 30,389,410 | 16,273,549 |
| Value of products for the industry, total | 389,869,764 | 424,630,784 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 389,869,764 | 423,586,108 |
| Value for establishments not reporting inventories | ---------- | 1,044,676 |

TABLE 11.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 27 | 21 |
| Number of establishments reporting power equipment | 27 | 21 |
| Prime movers, aggregate: | | |
| Number | 297 | 184 |
| Horsepower | 113,634 | 84,565 |
| Prime movers, driving generators, total— | | |
| Number | 98 | [1] 184 |
| Horsepower | 99,805 | [1] 84,565 |
| Steam engines— | | |
| Number | 50 | [1] 109 |
| Horsepower | 33,658 | [1] 32,872 |
| Steam turbines— | | |
| Number | 44 | [1] 74 |
| Horsepower | 65,629 | [1] 51,593 |
| Diesel and semi-Diesel engines— | | |
| Number | 2 | [1] 1 |
| Horsepower | 270 | [1] 100 |
| Other internal-combustion engines [2]— | | |
| Number | 2 | |
| Horsepower | 248 | |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 21,680 | (3) |
| Prime movers not driving generators, total— | | |
| Number | 199 | |
| Horsepower | 13,829 | |
| Steam engines— | | |
| Number | 152 | |
| Horsepower | 3,275 | |
| Steam turbines— | | |
| Number | 46 | |
| Horsepower | 10,507 | |
| Prime movers—Continued. | | |
| Prime movers not driving generators—Continued. | | |
| Other internal-combustion engines,[2] other than Diesel and semi-Diesel— | | |
| Number | 1 | (3) |
| Horsepower | 47 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 3,888 | (3) |
| Generators, kilowatt rating, total | 66,391 | 50,713 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 22,796 | (3) |
| Steam turbines, kilowatt rating | 43,255 | |
| Diesel and semi-Diesel engines, kilowatt rating | 180 | |
| Other internal-combustion engines,[2] kilowatt rating | 160 | |
| Generators, ordinarily idle (included above), kilowatt rating | 14,155 | (4) |
| Electric motors, total: | | |
| Number | 11,056 | 7,934 |
| Horsepower | 129,248 | 107,247 |
| Driven by purchased energy— | | |
| Number | 594 | 987 |
| Horsepower | 4,717 | 14,072 |
| Driven by energy generated in establishments reporting— | | |
| Number | 10,462 | 6,947 |
| Horsepower | 124,531 | 93,175 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 200,716,375 | (4) |
| Sold | 4,901,766 | (3) |
| Purchased | 5,774,635 | 11,517,050 |

[1] Includes data for prime movers not driving generators. [2] Gas, gasoline, etc. [3] Not called for on schedule. [4] Data not available.

# CANDY AND OTHER CONFECTIONERY PRODUCTS

[A preliminary report for this industry was issued December 20, 1940]

**Description of the industry.**—This industry, as constituted for manufactures census purposes, embraces establishments engaged primarily in the manufacture of candy, confections, popcorn balls and cakes, salted nuts, stuffed dates, and related products. The classification does not cover establishments engaged in the manufacture of chewing gum or of solid sweet and milk chocolate, nor the chocolate departments operated by confectionery manufacturers for the production of coatings for their own use.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 1,252 | 49,740 | $41,084,966 | $170,735,600 | $297,761,813 | $127,026,213 | 20,887 |
| 1937 | 1,226 | 53,722 | 43,440,677 | 182,781,196 | 305,839,262 | 123,058,066 | (5) |
| 1935 | 1,314 | 52,109 | 39,251,753 | 153,738,414 | 259,889,300 | 106,150,886 | (5) |
| 1933 | 1,218 | 50,609 | 32,991,077 | 114,164,308 | 211,833,211 | 97,668,903 | (5) |
| 1931 | 1,566 | 51,262 | 42,153,408 | 144,748,435 | 284,157,191 | 139,408,756 | (5) |
| 1929 | 2,021 | 63,501 | 56,442,674 | 215,192,474 | 393,269,849 | 178,077,375 | 30,375 |
| 1927 | 1,908 | 63,163 | 56,980,548 | 218,372,553 | 391,927,343 | 173,554,790 | 33,518 |
| 1925 | 1,931 | 63,600 | 55,234,527 | 205,432,667 | 379,081,441 | 173,648,774 | 36,439 |
| 1923 | 2,014 | 63,485 | 54,881,549 | 202,718,714 | 366,255,785 | 163,537,071 | 32,929 |
| 1921 | 2,254 | 61,004 | 50,210,101 | 174,071,963 | 313,997,573 | 139,925,610 | (5) |
| 1919 | 3,149 | 76,493 | 54,461,057 | 252,433,691 | 447,726,103 | 195,292,412 | 32,854 |
| 1914 [7] | 2,317 | 51,610 | 20,643,633 | 93,692,526 | 153,685,523 | 59,992,997 | 34,708 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.
[7] No comparable data available for years prior to 1914.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Alabama | Arkansas | California | Colorado | Florida | Georgia | Illinois | Indiana |
|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 1,252 | 8 | 5 | 111 | 18 | 9 | 29 | 118 | 18 |
| Proprietors and firm members | 814 | 5 | 3 | 85 | 13 | 10 | 26 | 52 | 11 |
| Persons reported by manufacturing establishments, total [2] | 61,111 | 139 | 71 | 3,374 | 320 | 97 | 1,473 | 14,621 | 955 |
| Salaried officers of corporations [2] | 959 | 1 | 2 | 42 | 5 | 2 | 20 | 131 | 16 |
| Manufacturing: | | | | | | | | | |
| Salaried employees [2] | 3,716 | 6 | 4 | 191 | 20 | 10 | 115 | 826 | 88 |
| Wage earners (average for the year) [3] | 49,740 | 104 | 43 | 2,751 | 246 | 78 | 1,157 | 12,061 | 770 |
| Distribution | 6,154 | 25 | 22 | 357 | 49 | 7 | 176 | 1,496 | 75 |
| Construction | 190 | | | | | | 5 | 42 | 4 |
| Other | 352 | 3 | | 33 | | | | 65 | 2 |
| Salaries and wages, total [2] | $63,124,190 | $90,788 | $68,319 | $3,278,141 | $291,177 | $57,746 | $1,206,546 | $16,739,088 | $1,017,669 |
| Salaried officers [2] | 5,333,149 | 4,800 | 9,400 | 196,839 | 23,259 | 2,500 | 88,974 | 1,210,950 | 124,020 |
| Manufacturing: | | | | | | | | | |
| Salaries [2] | 6,457,177 | 8,708 | 6,393 | 352,261 | 32,754 | 13,214 | 148,969 | 1,643,711 | 126,619 |
| Wages | 41,084,966 | 52,075 | 27,413 | 2,115,666 | 183,232 | 34,741 | 682,130 | 11,164,331 | 582,424 |
| Distribution | 9,455,370 | 15,614 | 25,113 | 563,350 | 50,932 | 7,291 | 271,446 | 2,578,663 | 177,818 |
| Construction | 351,073 | 8,673 | | 2,034 | | | 15,027 | 65,948 | 6,035 |
| Other | 442,455 | 918 | | 47,991 | 1,000 | | | 75,485 | 753 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 170,735,600 | 231,993 | 126,938 | 9,361,308 | 649,226 | 196,671 | 3,247,328 | 53,531,362 | 2,708,371 |
| Materials, supplies, and containers | 167,017,930 | 226,439 | 122,307 | 9,216,514 | 621,492 | 190,213 | 3,182,772 | 52,575,192 | 2,646,117 |
| Fuel | 1,744,923 | 3,664 | 2,483 | 62,936 | 11,935 | 2,919 | 27,887 | 389,761 | 39,850 |
| Purchased electric energy | 1,815,078 | 1,890 | 2,148 | 80,977 | 15,799 | 3,539 | 33,700 | 522,750 | 22,404 |
| Contract work | 157,669 | | | 881 | | | 2,969 | 43,659 | |
| Value of products | 297,761,813 | 367,188 | 204,639 | 16,296,750 | 1,374,027 | 353,914 | 5,698,797 | 91,383,660 | 4,118,708 |
| Value added by manufacture [4] | 127,026,213 | 135,195 | 77,701 | 6,935,442 | 724,801 | 157,243 | 2,451,469 | 37,852,298 | 1,410,337 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Iowa | Kansas | Kentucky | Louisiana | Maine | Maryland | Massachusetts | Michigan | Minnesota |
|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 13 | 6 | 9 | 28 | 4 | 34 | 107 | 27 | 34 |
| Proprietors and firm members | 7 | 6 | 6 | 21 | 2 | 29 | 63 | 11 | 18 |
| Persons reported by manufacturing establishments, total [2] | 415 | 77 | 400 | 614 | 24 | 820 | 6,837 | 1,050 | 701 |
| Salaried officers of corporations [2] | 9 | 2 | 7 | 9 | 3 | 24 | 73 | 23 | 22 |
| Manufacturing: | | | | | | | | | |
| Salaried employees [2] | 33 | 6 | 17 | 34 | 2 | 64 | 503 | 75 | 31 |
| Wage earners (average for the year) [3] | 288 | 67 | 288 | 501 | 18 | 642 | 5,796 | 892 | 543 |
| Distribution | 83 | 2 | 83 | 66 | 1 | 87 | 392 | 57 | 102 |
| Construction | 1 | ---------- | ---------- | ---------- | ---------- | 2 | 8 | 3 | ---------- |
| Other | 1 | ---------- | 5 | 4 | ---------- | 1 | 65 | ---------- | 3 |
| Salaries and wages, total [2] | $398,392 | $51,273 | $337,105 | $392,457 | $27,571 | $693,377 | $7,172,619 | $1,019,105 | $687,248 |
| Salaried officers [2] | 21,661 | 4,800 | 24,520 | 24,647 | 5,250 | 87,391 | 479,045 | 97,170 | 73,459 |
| Manufacturing: | | | | | | | | | |
| Salaries [2] | 46,775 | 7,590 | 22,711 | 33,354 | 1,100 | 90,500 | 993,764 | 120,583 | 45,680 |
| Wages | 201,517 | 36,106 | 191,602 | 267,102 | 19,721 | 408,426 | 4,884,904 | 703,321 | 446,239 |
| Distribution | 126,771 | 2,777 | 94,951 | 66,498 | 1,500 | 103,045 | 694,394 | 93,955 | 118,904 |
| Construction | 900 | ---------- | ---------- | ---------- | ---------- | 3,180 | 15,235 | 4,076 | ---------- |
| Other | 768 | ---------- | 3,321 | 856 | ---------- | 835 | 105,277 | ---------- | 2,966 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 946,731 | 154,987 | 836,390 | 1,141,112 | 35,361 | 1,784,796 | 15,710,373 | 2,509,999 | 1,935,372 |
| Materials, supplies, and containers | 908,472 | 149,163 | 813,966 | 1,115,973 | 33,955 | 1,735,875 | 15,318,762 | 2,450,008 | 1,893,666 |
| Fuel | 17,080 | 2,511 | 9,758 | 11,657 | 742 | 24,552 | 201,064 | 31,723 | 21,599 |
| Purchased electric energy | 8,822 | 3,313 | 12,666 | 13,482 | 664 | 24,369 | 172,327 | 28,268 | 20,107 |
| Contract work | 12,357 | ---------- | ---------- | ---------- | ---------- | ---------- | 18,220 | ---------- | ---------- |
| Value of products | 1,573,311 | 239,388 | 1,398,880 | 1,992,852 | 77,675 | 3,199,601 | 27,835,532 | 4,178,164 | 3,366,217 |
| Value added by manufacture [4] | 626,580 | 84,401 | 562,490 | 851,740 | 42,314 | 1,414,805 | 12,125,159 | 1,668,165 | 1,430,845 |

| ITEM | Mississippi | Missouri | Nebraska | New Jersey | New York | North Carolina | Ohio | Oklahoma | Oregon | Pennsylvania |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 12 | 26 | 5 | 32 | 149 | 13 | 69 | 14 | 15 | 125 |
| Proprietors and firm members | 8 | 13 | 3 | 17 | 76 | 8 | 46 | 13 | 8 | 100 |
| Persons reported by manufacturing establishments, total [2] | 136 | 2,277 | 102 | 2,272 | 7,514 | 882 | 1,962 | 192 | 221 | 7,316 |
| Salaried officers of corporations [2] | 6 | 24 | 2 | 40 | 166 | 6 | 49 | 5 | 8 | 120 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 4 | 169 | 13 | 104 | 441 | 41 | 116 | 8 | 4 | 359 |
| Wage earners (average for the year) [2] | 100 | 1,758 | 69 | 1,893 | 6,266 | 644 | 1,655 | 164 | 176 | 6,016 |
| Distribution | 26 | 287 | 18 | 211 | 587 | 178 | 128 | 15 | 33 | 739 |
| Construction | ---------- | 28 | ---------- | 8 | 15 | 4 | 4 | ---------- | ---------- | 36 |
| Other | ---------- | 11 | ---------- | 16 | 39 | 9 | 10 | ---------- | ---------- | 46 |
| Salaries and wages, total [2] | $107,707 | $2,303,525 | $87,906 | $1,887,419 | $8,373,815 | $728,935 | $1,924,458 | $147,100 | $259,889 | $7,717,638 |
| Salaried officers [2] | 22,800 | 109,135 | 6,600 | 200,537 | 888,858 | 41,600 | 233,690 | 17,300 | 27,800 | 709,614 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 2,050 | 255,014 | 17,679 | 181,660 | 780,193 | 57,118 | 186,252 | 5,960 | 8,636 | 639,082 |
| Wages | 55,793 | 1,427,185 | 37,971 | 1,275,917 | 5,748,496 | 490,294 | 1,294,956 | 98,930 | 162,202 | 5,078,227 |
| Distribution | 27,064 | 459,307 | 25,656 | 201,422 | 890,861 | 128,707 | 191,177 | 24,910 | 61,251 | 1,140,968 |
| Construction | ---------- | 39,382 | ---------- | 14,268 | 19,645 | 5,200 | 6,974 | ---------- | ---------- | 87,251 |
| Other | ---------- | 13,502 | ---------- | 13,615 | 45,762 | 6,016 | 11,409 | ---------- | ---------- | 62,496 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 402,672 | 5,587,696 | 107,678 | 4,196,489 | 20,101,379 | 1,618,551 | 6,388,317 | 601,846 | 462,047 | 18,571,330 |
| Materials, supplies, and containers | 395,604 | 5,434,068 | 102,733 | 4,066,466 | 19,494,915 | 1,581,304 | 6,276,942 | 593,566 | 446,620 | 18,161,962 |
| Fuel | 3,902 | 89,198 | 1,994 | 65,429 | 265,376 | 26,816 | 51,837 | 4,775 | 7,838 | 207,666 |
| Purchased electric energy | 3,166 | 64,430 | 2,951 | 64,594 | 275,447 | 10,431 | 59,538 | 3,505 | 7,589 | 189,025 |
| Contract work | ---------- | ---------- | ---------- | ---------- | 65,641 | ---------- | ---------- | ---------- | ---------- | 12,677 |
| Value of products | 631,389 | 9,514,718 | 222,367 | 7,557,040 | 36,285,218 | 3,880,091 | 9,572,157 | 940,326 | 815,753 | 33,857,849 |
| Value added by manufacture [4] | 228,717 | 3,927,022 | 114,689 | 3,360,551 | 16,183,839 | 2,261,540 | 3,183,840 | 338,480 | 353,706 | 15,286,519 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Rhode Island | Tennessee | Texas | Utah | Vermont | Virginia | Washington | West Virginia | Wisconsin | Other States [5] |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 4 | 19 | 54 | 9 | 7 | 20 | 31 | 6 | 33 | 31 |
| Proprietors and firm members | 7 | 21 | 38 | 5 | 5 | 12 | 19 | 5 | 20 | 22 |
| Persons reported by manufacturing establishments, total [2] | 235 | 852 | 954 | 373 | 67 | 927 | 704 | 21 | 1,093 | 1,022 |
| Salaried officers of corporations [2] | 3 | 17 | 16 | 16 | 2 | 16 | 23 | 1 | 22 | 26 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 35 | 63 | 46 | 31 | 8 | 30 | 44 | 3 | 68 | 104 |
| Wage earners (average for the year) [3] | 195 | 613 | 752 | 248 | 45 | 847 | 472 | 16 | 809 | 756 |
| Distribution | | 147 | 140 | 78 | 12 | 29 | 165 | 1 | 162 | 118 |
| Construction | 2 | 8 | | | | | | | 8 | 12 |
| Other | | 4 | | | | 5 | | | 24 | 6 |
| Salaries and wages, total [2] | $184,121 | $850,118 | $767,111 | $408,156 | $59,930 | $642,203 | $814,777 | $17,789 | $1,117,050 | $1,195,922 |
| Salaried officers [2] | 6,000 | 107,579 | 55,096 | 54,681 | 6,000 | 48,587 | 89,497 | 1,834 | 64,858 | 162,398 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 53,306 | 84,682 | 68,871 | 45,742 | 9,919 | 70,320 | 63,411 | 3,447 | 88,536 | 140,613 |
| Wages | 121,315 | 410,743 | 433,982 | 203,010 | 37,273 | 467,916 | 415,299 | 11,653 | 653,497 | 659,357 |
| Distribution | | 229,062 | 206,198 | 103,713 | 6,738 | 51,194 | 246,570 | 855 | 272,309 | 194,386 |
| Construction | 3,500 | 13,901 | | 1,010 | | 157 | | | 13,771 | 24,906 |
| Other | | 4,151 | 2,964 | | | 4,029 | | | 24,079 | 14,262 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 521,321 | 2,143,404 | 2,104,544 | 804,943 | 173,310 | 3,834,546 | 1,415,308 | 51,988 | 2,369,779 | 4,170,134 |
| Materials, supplies, and containers | 503,687 | 2,101,712 | 2,064,664 | 787,451 | 168,825 | 3,774,445 | 1,385,911 | 50,401 | 2,314,924 | 4,110,844 |
| Fuel | 8,442 | 25,222 | 18,669 | 7,478 | 2,558 | 27,269 | 17,457 | 903 | 27,609 | 22,364 |
| Purchased electric energy | 9,192 | 16,470 | 19,946 | 10,014 | 1,927 | 32,832 | 11,940 | 684 | 27,246 | 36,926 |
| Contract work | | | 1,265 | | | | | | | |
| Value of products | 923,069 | 3,484,346 | 3,834,117 | 1,502,706 | 374,625 | 6,231,879 | 2,649,500 | 97,433 | 4,313,489 | 7,414,438 |
| Value added by manufacture [4] | 401,748 | 1,340,942 | 1,729,573 | 697,763 | 201,315 | 2,397,333 | 1,234,192 | 45,445 | 1,943,710 | 3,244,304 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Connecticut, 11 establishments; Delaware, 2; District of Columbia, 6; Idaho, 2; Montana, 3; New Hampshire, 1; North Dakota, 1; South Carolina, 4; South Dakota, 1.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Candy and Other Confectionery Products industry, all products, total value | $297,761,813 | $305,839,262 | $393,269,849 |
| Candy and other confectionery products | 282,604,041 | 291,994,587 | 375,132,530 |
| Miscellaneous products, including scrap and salable refuse and contract work | 1,606,217 | 13,844,675 | 18,137,319 |
| Other products not classified in this industry | [1] 12,597,610 | | |
| Merchandise (goods bought and sold without processing) | 953,945 | | |
| Candy and other confectionery products, aggregate value | 290,519,366 | 300,274,666 | 388,231,171 |
| Candy and other confectionery products made in the industry | 282,604,041 | 291,994,587 | 375,132,530 |
| Candy and other confectionery products (including salted nuts) made as secondary products in other industries | 7,915,325 | 8,280,079 | 13,098,641 |

[1] Value of solid chocolate bars, peanut butter, ice cream and ices, chewing gum, medicated cough drops, peanut butter sandwiches, chocolate coatings, marshmallow crémes, toppings and fillers, bakery products.

## TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

[In making use of the figures in this table, it should be borne in mind that the data on kind and quantity, as reported to the Bureau of the Census by the manufacturers, are incomplete for all years. The percentages which the values of the confectionery reported by kind and quantity formed of the total values of confectionery and other products manufactured were as follows: 1939, 98.0; 1937, 94.3; 1929, 89.0]

| PRODUCT | 1939 | 1937 | 1929 |
|---|---|---|---|
| Total value | [1] $290,519,366 | $300,274,666 | $388,231,171 |
| Chocolates: | | | |
| Total pounds | [2] 413,840,083 | 428,050,586 | 384,327,446 |
| Total value | [2] $83,472,049 | $87,830,704 | $128,296,527 |
| Fancy packages— | | | |
| Pounds | [2] 168,329,196 | 168,335,443 | 149,239,653 |
| Value | [2] $50,023,810 | $50,708,153 | $73,561,478 |
| Bulk— | | | |
| Pounds | 183,988,931 | 197,342,663 | 171,121,309 |
| Value | $24,679,614 | $28,374,498 | $43,889,049 |
| Count— | | | |
| Pounds | [2] 61,521,956 | 62,372,480 | 63,966,484 |
| Value | [2] $8,768,625 | $8,748,053 | $10,846,000 |
| Bars, chocolate covered: | | | |
| Pounds | 404,985,673 | 375,261,354 | 367,771,566 |
| Value | $57,132,001 | $58,345,001 | $68,120,516 |
| Hard candy: | | | |
| Pounds | [2] 236,725,970 | 215,413,720 | 227,797,786 |
| Value | [2] $25,059,719 | $24,815,837 | $33,983,554 |
| Caramels and chewing candy: | | | |
| Pounds | 135,318,493 | 141,562,848 | 92,855,430 |
| Value | $15,099,553 | $16,173,491 | $15,128,700 |
| Gum work and jellies: | | | |
| Pounds | 110,908,598 | 110,496,464 | 96,521,861 |
| Value | $9,356,580 | $9,066,804 | $10,771,279 |
| Pan work: | | | |
| Total pounds | 102,815,675 | 98,194,333 | 68,022,483 |
| Total value | $10,556,892 | $10,398,289 | $9,369,288 |
| Chocolate— | | | |
| Pounds | 27,898,956 | 25,143,070 | (3) |
| Value | $3,541,289 | $3,312,887 | (3) |
| Nonchocolate— | | | |
| Pounds | 74,916,719 | 73,051,263 | (3) |
| Value | $7,015,603 | $7,085,402 | (3) |
| Marshmallows: | | | |
| Pounds | [1] 66,499,226 | 73,433,627 | 53,753,880 |
| Value | [1] $7,087,160 | $8,868,287 | $8,427,853 |
| Lozenges: | | | |
| Pounds | 30,326,638 | 25,011,529 | 29,264,670 |
| Value | $4,419,315 | $3,661,723 | $6,167,785 |
| Fudge: | | | |
| Pounds | 43,460,118 | 44,967,790 | (3) |
| Value | $4,455,046 | $4,388,733 | (3) |
| Glacé, candied, and crystallized fruits and nuts, value | [1] $5,824,282 | $4,507,478 | (3) |
| Candied popcorn, value | [1] $2,381,108 | $2,833,385 | (3) |
| Iced summer candies: | | | |
| Pounds | 8,814,220 | 8,599,878 | (3) |
| Value | $993,498 | $996,404 | (3) |
| Cream work: | | | |
| Crystallized— | | | |
| Pounds | 14,893,923 | 17,699,622 | (3) |
| Value | $1,921,827 | $2,032,928 | (3) |
| Noncrystallized— | | | |
| Pounds | 21,624,528 | 12,262,776 | (3) |
| Value | $2,544,602 | $1,204,620 | (3) |
| Butter creams: | | | |
| Pounds | 21,869,202 | 21,876,629 | (3) |
| Value | $2,229,530 | $2,096,341 | (3) |
| Coconut candies: | | | |
| Pounds | 34,128,752 | 31,172,321 | (3) |
| Value | $4,021,437 | $3,816,929 | (3) |
| Peanut candies: | | | |
| Pounds | [1] 62,491,673 | 56,894,676 | (3) |
| Value | [1] $6,964,780 | $6,435,278 | (3) |
| Other confectionery (except salted nuts), value | [1] $22,418,924 | $17,749,044 | $45,617,826 |
| Confectionery not reported by kind or quantity, value | [1] $5,837,332 | [4] $17,018,393 | [5] $42,745,363 |
| Salted nuts, total value | [1] $18,743,732 | $18,034,997 | $19,602,480 |
| Peanuts | [1] 12,161,582 | 11,939,783 | (3) |
| Cashew nuts | [2] 2,728,431 | 2,279,882 | (3) |
| Brazil nuts | 967,786 | 860,711 | (3) |
| Pecans | [2] 904,908 | 2,954,621 | (3) |
| Other nuts | [2] 1,981,025 | | |

[1] The total value of products includes $7,915,325, the value of products made outside the "Candy and other confectionery products" industry. Of this amount $65,556 represents the value of 630,670 pounds of "Marshmallows"; $1,480,075, the value of "Glacé, candied, and crystallized fruits and nuts"; $31,954, the value of "Candied popcorn"; $138,306, the value of 1,148,405 pounds of "Peanut candies"; $2,066,342, the value of "Other confectionery (except salted nuts)"; $2,230,365, the value of "Confectionery not reported by kind or quantity"; $1,766,921, the value of "Salted nuts" of which $1,396,077 is the value of salted peanuts; other amounts cannot be shown without disclosing, exactly or approximately, data reported by individual establishments. Similar figures for products made outside the industry are included for 1937 and 1929.

[2] Includes a small amount made in other industries, which cannot be shown separately. See footnote 1.

[3] Data not called for on schedule for 1929.

[4] Includes $6,933,899, value of 45,845,001 pounds, published as "Other kinds" of bars for 1937.

[5] Includes $17,593,755 published as "Other kinds" of bars for 1929.

## TABLE 5.—PRINCIPAL PRODUCTS, BY QUANTITY AND VALUE, BY STATES: 1939

[Statistics are presented for each State for which separate figures can be given without disclosing, exactly or approximately, the production of individual establishments. Certain of the States for which separate figures are not given, however, reported larger quantities and values of the specified classes of product than some of the States shown separately. See headnote, table 4]

| PRODUCT AND STATE | Pounds | Value |
|---|---|---|
| CHOCOLATES—FANCY PACKAGE | | |
| United States | 168,329,196 | $50,023,810 |
| California | 8,458,845 | 2,834,978 |
| Colorado | 621,660 | 307,675 |
| Illinois | 48,040,932 | 9,632,028 |
| Indiana | 1,405,331 | 370,044 |
| Iowa | 328,328 | 79,403 |
| Kentucky | 114,640 | 47,537 |
| Louisiana | 798,549 | 480,554 |
| Maryland | 2,046,872 | 340,986 |
| Massachusetts | 31,642,740 | 10,543,351 |
| Michigan | 6,144,759 | 1,769,533 |
| Minnesota | 1,879,836 | 614,086 |
| Missouri | 6,030,611 | 1,658,424 |
| New York | 28,112,088 | 7,830,127 |
| Ohio | 2,970,750 | 782,521 |
| Oregon | 465,716 | 235,223 |
| Pennsylvania | 14,187,053 | 6,456,995 |
| Tennessee | 757,257 | 305,898 |
| Texas | 1,271,089 | 811,396 |
| Utah | 904,311 | 487,118 |
| Washington | 1,523,996 | 734,806 |
| Wisconsin | 2,667,934 | 990,764 |
| Other States (Ala., Ark., Conn., D. C., Fla., Ga., Idaho, Kans., Maine, Mont., Nebr., N. H., N. J., Okla., R. I., S. C., Vt., Va.) | 7,955,899 | 2,710,363 |
| CHOCOLATES—BULK | | |
| United States | 183,988,931 | 24,679,614 |
| California | 10,094,325 | 1,746,466 |
| Colorado | 961,286 | 170,677 |
| Connecticut | 60,923 | 25,085 |
| District of Columbia | 1,203,565 | 212,110 |
| Georgia | 793,609 | 92,675 |
| CHOCOLATES—BULK—continued | | |
| Illinois | 52,682,771 | $6,290,832 |
| Indiana | 2,915,307 | 436,515 |
| Iowa | 1,689,884 | 246,911 |
| Kentucky | 1,678,638 | 150,888 |
| Maryland | 1,763,951 | 564,998 |
| Massachusetts | 16,622,892 | 2,649,221 |
| Michigan | 1,968,727 | 414,081 |
| Minnesota | 1,690,532 | 192,737 |
| Missouri | 13,805,590 | 1,463,314 |
| New Jersey | 1,126,783 | 152,379 |
| New York | 15,768,649 | 2,324,590 |
| Ohio | 13,173,108 | 1,635,118 |
| Oregon | 588,476 | 127,053 |
| Pennsylvania | 30,254,817 | 3,642,818 |
| Tennessee | 6,422,498 | 547,552 |
| Texas | 679,920 | 183,665 |
| Washington | 1,794,822 | 319,831 |
| Wisconsin | 2,236,088 | 386,704 |
| Other States (Ala., Ark., Del., Fla., Idaho, Kans., La., Maine, Neb., Okla., R. I., Utah, Vt., Va.) | 4,011,770 | 703,394 |
| CHOCOLATES—COUNT | | |
| United States | 61,521,956 | 8,768,626 |
| California | 547,209 | 115,443 |
| Illinois | 7,964,588 | 1,109,879 |
| Louisiana | 1,345,084 | 151,008 |
| Maryland | 2,756,005 | 318,636 |
| Massachusetts | 12,305,759 | 1,502,108 |
| Missouri | 1,121,106 | 206,042 |
| New York | 11,207,803 | 1,641,735 |
| North Carolina | 462,832 | 70,937 |
| Ohio | 1,772,839 | 238,256 |
| Pennsylvania | 14,256,606 | 2,113,751 |

TABLE 5.—PRINCIPAL PRODUCTS, BY QUANTITY AND VALUE, BY STATES: 1939—Continued

| PRODUCT AND STATE | Pounds | Value |
|---|---|---|
| CHOCOLATES—COUNT—continued | | |
| Texas | 268,861 | $40,487 |
| Wisconsin | 2,032,085 | 348,705 |
| Other States (Ark., Colo., Ga., Ind., Iowa, Ky., Mich., Minn., Nebr., N. J., Okla., Oreg., R. I., S. C., Tenn., Va., Wash.) | 5,481,179 | 911,578 |
| BARS—CHOCOLATE-COVERED | | |
| United States | 404,985,673 | 57,132,001 |
| California | 17,431,834 | 3,111,794 |
| Illinois | 267,599,713 | 35,763,205 |
| Indiana | 3,864,321 | 719,448 |
| Iowa | 2,682,846 | 413,793 |
| Louisiana | 418,550 | 80,455 |
| Maryland | 175,194 | 29,794 |
| Massachusetts | 13,123,138 | 2,304,794 |
| Michigan | 1,091,928 | 172,324 |
| Minnesota | 2,442,246 | 399,701 |
| Missouri | 4,768,481 | 790,292 |
| Nebraska | 384,865 | 90,184 |
| New York | 12,481,950 | 1,514,680 |
| Ohio | 2,498,208 | 411,039 |
| Oklahoma | 103,534 | 15,435 |
| Oregon | 285,496 | 47,813 |
| Pennsylvania | 24,129,726 | 3,528,904 |
| Tennessee | 1,830,897 | 280,677 |
| Texas | 1,093,106 | 193,913 |
| Utah | 1,930,490 | 373,761 |
| Washington | 2,524,365 | 451,504 |
| Other States (Ark., Colo., Conn., D. C., Ga., Idaho, Kans., Ky., Maine, Miss., N. J., N. C., R. I., S. Dak., Va., Wis.) | 44,124,785 | 6,438,491 |
| HARD CANDY | | |
| United States | 236,725,970 | 25,059,719 |
| Alabama | 1,322,979 | 123,219 |
| Arkansas | 427,010 | 52,703 |
| California | 10,476,491 | 1,041,326 |
| Colorado | 1,193,744 | 149,593 |
| Georgia | 16,713,090 | 1,359,169 |
| Illinois | 62,291,964 | 5,805,619 |
| Indiana | 1,739,058 | 167,766 |
| Iowa | 1,833,999 | 141,626 |
| Kansas | 426,427 | 36,716 |
| Kentucky | 4,660,466 | 372,101 |
| Louisiana | 2,375,063 | 238,275 |
| Maryland | 2,986,286 | 280,135 |
| Massachusetts | 9,548,306 | 1,187,715 |
| Michigan | 1,096,559 | 162,481 |
| Minnesota | 4,274,437 | 351,559 |
| Mississippi | 2,792,893 | 254,122 |
| Missouri | 9,840,985 | 980,548 |
| Nebraska | 168,600 | 14,810 |
| New Jersey | 18,107,360 | 1,774,359 |
| New York | 25,957,231 | 4,610,821 |
| North Carolina | 2,665,838 | 352,583 |
| Ohio | 8,852,571 | 807,944 |
| Pennsylvania | 15,426,990 | 1,629,367 |
| Tennessee | 8,210,638 | 751,960 |
| Texas | 4,369,487 | 407,567 |
| Utah | 975,660 | 113,825 |
| Virginia | 4,040,624 | 373,556 |
| Washington | 2,011,264 | 241,392 |
| West Virginia | 498,448 | 57,505 |
| Wisconsin | 1,187,112 | 139,423 |
| Other States (Conn., Del., D. C., Fla., Idaho, Maine, Mont., Okla., Oreg., R. I., S. C., S. Dak., Vt.) | 10,254,390 | 1,079,934 |
| CARAMELS AND CHEWING CANDY | | |
| United States | 135,318,493 | 15,099,553 |
| California | 3,285,520 | 500,668 |
| Colorado | 101,948 | 24,301 |
| Georgia | 75,050 | 11,333 |
| Illinois | 24,482,321 | 2,707,324 |
| Kentucky | 122,214 | 18,746 |
| Louisiana | 185,513 | 30,641 |
| Maryland | 234,228 | 35,885 |
| Massachusetts | 9,953,633 | 1,215,698 |
| Michigan | 545,816 | 117,508 |
| Minnesota | 130,460 | 23,012 |
| Missouri | 3,722,132 | 416,568 |
| New York | 32,931,782 | 3,169,346 |
| Ohio | 508,532 | 88,986 |
| Oregon | 50,761 | 11,219 |
| Pennsylvania | 36,228,006 | 3,869,769 |
| CARAMELS AND CHEWING CANDY—continued | | |
| Tennessee | 94,569 | $19,527 |
| Texas | 337,036 | 56,909 |
| Washington | 177,583 | 37,189 |
| Wisconsin | 621,471 | 95,149 |
| Other States (Ala., Ark., Conn., D. C., Fla., Idaho, Ind., Iowa, Maine, Mont., Nebr., N. J., N. C., Okla., R. I., Utah, Vt., Va., W. Va.) | 21,529,918 | 2,649,775 |
| GUM WORK AND JELLIES | | |
| United States | 110,908,598 | 9,356,580 |
| California | 5,070,834 | 440,310 |
| Georgia | 440,340 | 31,802 |
| Illinois | 39,649,699 | 2,987,894 |
| Maryland | 2,502,035 | 182,156 |
| Massachusetts | 8,707,169 | 653,651 |
| Missouri | 7,698,896 | 560,622 |
| New York | 18,302,092 | 2,250,890 |
| Ohio | 3,325,600 | 212,779 |
| Pennsylvania | 7,540,966 | 667,943 |
| Tennessee | 1,999,702 | 136,786 |
| Texas | 1,417,592 | 119,435 |
| Washington | 617,376 | 58,782 |
| Other States (Ark., Colo., Conn., Fla., Idaho, Ind., Iowa, Kans., Ky., La., Mich., Minn., Nebr., N. J., N. C., Okla., Oreg., R. I., Utah, Vt., Va., W. Va., Wis.) | 13,636,297 | 1,053,530 |
| PAN WORK, CHOCOLATE | | |
| United States | 27,898,956 | 3,541,289 |
| California | 638,764 | 95,727 |
| Illinois | 18,320,439 | 2,382,556 |
| Massachusetts | 326,537 | 43,485 |
| Minnesota | 366,860 | 39,872 |
| Missouri | 483,446 | 63,861 |
| Ohio | 2,557,238 | 288,402 |
| Wisconsin | 206,895 | 24,099 |
| Other States (Colo., Conn., Ga., Ind., La., Maine, Md., Mich., Nebr., N. J., N. Y., Pa., R. I., Tex., Utah, Wash.) | 4,998,777 | 603,287 |
| PAN WORK, NONCHOCOLATE | | |
| United States | 74,916,719 | 7,015,603 |
| California | 4,118,818 | 422,266 |
| Georgia | 123,200 | 12,800 |
| Illinois | 29,022,976 | 2,555,061 |
| Missouri | 7,904,667 | 801,714 |
| New York | 10,271,663 | 1,124,085 |
| Ohio | 2,817,552 | 224,672 |
| Pennsylvania | 9,186,328 | 771,034 |
| Texas | 752,578 | 66,270 |
| Other States (Ark., Colo., Conn., Ind., Iowa, Ky., La., Md., Mass., Mich., Minn., N. J., N. C., Oreg., Tenn., Utah, Va., Wash., Wis.) | 10,718,937 | 1,037,701 |
| MARSHMALLOWS | | |
| United States | 66,499,226 | 7,087,160 |
| California | 8,256,065 | 720,074 |
| Illinois | 35,452,963 | 3,756,135 |
| Massachusetts | 1,425,287 | 154,260 |
| Missouri | 1,204,723 | 138,686 |
| New York | 3,849,113 | 609,729 |
| Ohio | 4,142,881 | 383,664 |
| Pennsylvania | 5,724,438 | 618,160 |
| Other States (Ala., Ark., Colo., Conn., D. C., Fla., Ga., Ind., Iowa, Ky., La., Md., Mich., Minn., N. J., N. C., Okla., Oreg., R. I., Tenn., Tex., Utah, Va., Wash., W. Va., Wis.) | 6,443,756 | 706,452 |
| LOZENGES | | |
| United States | 30,326,638 | 4,419,315 |
| Illinois | 7,983,822 | 797,850 |
| Minnesota | 139,285 | 21,100 |
| Other States (Ala., Calif., Colo., Fla., Ind., Iowa, La., Md., Mass., Mich., Mo., N. J., N. Y., Ohio, Oreg., Pa., Tenn., Tex., Wis.) | 22,203,531 | 3,600,365 |
| FUDGE | | |
| United States | 43,460,118 | 4,455,046 |
| California | 1,096,995 | 171,831 |
| Colorado | 109,102 | 13,734 |
| Georgia | 1,471,464 | 138,220 |
| Illinois | 12,287,165 | 1,406,879 |
| Indiana | 82,523 | 8,129 |

TABLE 5.—PRINCIPAL PRODUCTS, BY QUANTITY AND VALUE, BY STATES: 1939—Continued

| PRODUCT AND STATE | Pounds | Value |
|---|---|---|
| FUDGE—continued | | |
| Iowa | 169,861 | $15,308 |
| Louisiana | 1,566,077 | 171,392 |
| Maryland | 482,479 | 40,605 |
| Massachusetts | 1,733,002 | 217,039 |
| Michigan | 281,318 | 56,882 |
| Minnesota | 220,145 | 25,265 |
| Missouri | 1,370,147 | 143,721 |
| New York | 1,029,235 | 143,495 |
| North Carolina | 738,181 | 139,301 |
| Ohio | 3,925,157 | 367,906 |
| Oklahoma | 596,154 | 45,950 |
| Oregon | 38,734 | 8,392 |
| Pennsylvania | 9,442,852 | 703,851 |
| Tennessee | 1,078,764 | 112,814 |
| Texas | 628,395 | 54,610 |
| Virginia | 168,154 | 20,666 |
| Washington | 80,507 | 14,322 |
| Wisconsin | 105,389 | 16,367 |
| Other States (Ala., Ark., Conn., D. C., Fla., Idaho, Kans., Ky., Miss., Nebr., N. J., N. Dak., R. I., S. C., Utah, Vt., W. Va.) | 4,758,318 | 418,367 |
| GLACÉ, CANDIED, AND CRYSTALLIZED FRUITS AND NUTS | | |
| United States | | 5,824,282 |
| California | | 834,802 |
| Florida | | 125,487 |
| Illinois | | 868,838 |
| Massachusetts | | 78,747 |
| Missouri | | 21,290 |
| New York | | 982,502 |
| Ohio | | 228,909 |
| Oregon | | 49,565 |
| Pennsylvania | | 123,591 |
| Wisconsin | | 1,190 |
| Other States (Ala., Colo., Conn., Del., D. C., Iowa, Ky., La., Md., Mich., Minn., N. J., Tenn., Tex., Vt., Va., Wash.) | | 2,509,361 |
| CANDIED POPCORN | | |
| United States | | 2,381,108 |
| California | | 12,735 |
| Connecticut | | 33,825 |
| Massachusetts | | 207,595 |
| Minnesota | | 62,450 |
| New York | | 180,270 |
| Ohio | | 21,209 |
| Pennsylvania | | 106,338 |
| Other States (Colo., Ill., Ind., Ky., Md., Mich., Oreg., R. I., Utah, Vt., Wash., Wis.) | | 1,756,686 |
| ICED SUMMER CANDIES | | |
| United States | 8,814,220 | 993,497 |
| California | 66,956 | 9,794 |
| Georgia | 77,486 | 11,246 |
| Missouri | 619,340 | 68,739 |
| New York | 123,509 | 23,077 |
| Ohio | 1,087,565 | 105,317 |
| Pennsylvania | 624,299 | 72,853 |
| Other States (Ark., Colo., D. C., Ill., Ind., Iowa, Kans., La., Md., Mass., Mich., Minn., Nebr., N. C., Oreg., R. I., Tenn., Tex., Utah, Va., Wash., W. Va., Wis.) | 6,215,065 | 702,471 |
| CREAM WORK: CRYSTALLIZED | | |
| United States | 14,893,923 | 1,921,827 |
| California | 352,809 | 44,181 |
| Illinois | 3,697,628 | 498,005 |
| Massachusetts | 274,067 | 40,211 |
| Minnesota | 245,045 | 29,890 |
| Missouri | 867,362 | 105,549 |
| New York | 3,614,431 | 528,819 |
| Ohio | 1,159,325 | 120,577 |
| Pennsylvania | 1,041,514 | 163,877 |
| Tennessee | 1,111,347 | 102,030 |
| Washington | 355,181 | 44,535 |
| Wisconsin | 53,807 | 9,384 |
| Other States (Ala., Ark., Colo., Fla., Ga., Ind., Iowa, Kans., Ky., La., Md., Mich., Nebr., N. J., Oreg., R. I., Tex., Utah, Va.) | 2,121,407 | 234,769 |
| CREAM WORK: NONCRYSTALLIZED | | |
| United States | 21,624,528 | 2,544,602 |
| California | 566,823 | 76,700 |
| Colorado | 40,585 | 5,782 |
| Illinois | 2,944,520 | 219,935 |
| Massachusetts | 1,232,635 | 172,963 |
| Minnesota | 1,138,148 | 139,073 |
| CREAM WORK: NONCRYSTALLIZED—continued | | |
| Missouri | 2,254,821 | $185,565 |
| New York | 3,797,924 | 618,724 |
| Ohio | 238,463 | 23,734 |
| Pennsylvania | 2,347,439 | 270,538 |
| Tennessee | 2,774,484 | 212,979 |
| Other States (Ala., Ark., Conn., D. C., Fla., Ga., Ind., Iowa, Kans., Ky., La., Md., Mich., Mont., Nebr., N. J., N. C., Okla., Oreg., R. I., Tex., Utah, Vt., Va., Wash., Wis.) | 4,288,686 | 618,609 |
| BUTTER CREAMS | | |
| United States | 21,869,202 | 2,229,530 |
| California | 877,210 | 110,204 |
| Illinois | 10,792,456 | 900,905 |
| Louisiana | 95,898 | 13,972 |
| Massachusetts | 86,864 | 9,897 |
| Minnesota | 56,320 | 8,040 |
| Missouri | 705,456 | 69,924 |
| New York | 3,092,020 | 312,501 |
| Ohio | 1,110,939 | 103,913 |
| Pennsylvania | 1,701,935 | 272,148 |
| Tennessee | 97,038 | 9,857 |
| Washington | 93,964 | 16,575 |
| Other States (Ala., Colo., D. C., Fla., Idaho, Ind., Iowa, Kans., Ky., Md., Mich., Nebr., N. J., N. C., Oreg., Tex., Utah, Vt., Va., Wis.) | 3,159,102 | 401,594 |
| COCONUT CANDIES | | |
| United States | 34,128,752 | 4,021,437 |
| California | 987,617 | 112,329 |
| Colorado | 60,573 | 9,626 |
| Georgia | 2,696,670 | 287,344 |
| Illinois | 6,188,679 | 702,390 |
| Louisiana | 1,698,497 | 195,920 |
| Maryland | 499,957 | 57,368 |
| Massachusetts | 311,065 | 53,694 |
| Minnesota | 20,906 | 2,236 |
| Mississippi | 697,261 | 65,906 |
| Missouri | 2,959,044 | 337,460 |
| New York | 3,450,897 | 507,104 |
| North Carolina | 1,871,246 | 331,610 |
| Ohio | 2,666,620 | 300,659 |
| Oklahoma | 687,639 | 61,024 |
| Oregon | 13,924 | 2,162 |
| Pennsylvania | 3,128,885 | 399,478 |
| Tennessee | 1,305,254 | 156,190 |
| Texas | 1,662,422 | 162,601 |
| Virginia | 381,130 | 36,955 |
| Washington | 85,943 | 13,840 |
| Wisconsin | 34,052 | 5,031 |
| Other States (Ala., Ark., Conn., D. C., Fla., Idaho, Ind., Iowa, Kans., Ky., Mich., Mont., Nebr., N. J., R. I., S. C., Utah, Vt., W. Va.) | 2,720,471 | 220,510 |
| PEANUT CANDIES | | |
| United States | 62,491,673 | 6,964,780 |
| Alabama | 422,912 | 42,419 |
| California | 1,561,588 | 249,205 |
| Colorado | 255,276 | 34,915 |
| District of Columbia | 111,913 | 13,756 |
| Georgia | 8,067,991 | 1,178,900 |
| Illinois | 11,684,767 | 1,022,041 |
| Indiana | 32,565 | 3,896 |
| Kentucky | 1,135,189 | 97,830 |
| Louisiana | 1,123,378 | 120,150 |
| Maryland | 596,714 | 82,272 |
| Massachusetts | 2,636,949 | 354,647 |
| Michigan | 220,581 | 27,435 |
| Mississippi | 1,085,354 | 98,446 |
| Missouri | 4,139,464 | 387,350 |
| New York | 2,549,774 | 352,301 |
| North Carolina | 1,755,756 | 269,172 |
| Ohio | 3,654,967 | 355,150 |
| Oklahoma | 1,764,650 | 138,303 |
| Oregon | 75,314 | 11,245 |
| Pennsylvania | 3,813,572 | 351,784 |
| Tennessee | 996,235 | 98,840 |
| Texas | 5,260,426 | 564,290 |
| Virginia | 5,796,523 | 748,813 |
| Washington | 220,895 | 35,387 |
| Wisconsin | 33,493 | 4,157 |
| Other States (Ark., Conn., Fla., Idaho, Iowa, Kans., Minn., Mont., Nebr., N. J., R. I., S. C., Utah, Vt., W. Va.) | 3,495,427 | 322,076 |

TABLE 5.—PRINCIPAL PRODUCTS, BY QUANTITY AND VALUE, BY STATES: 1939—Continued

| PRODUCT AND STATE | Pounds | Value |
|---|---|---|
| OTHER CANDY (EXCEPT SALTED NUTS) | | |
| United States | | $22,418,924 |
| California | | 1,027,535 |
| Colorado | | 120,893 |
| Georgia | | 258,358 |
| Illinois | | 4,932,797 |
| Louisiana | | 48,477 |
| Maryland | | 117,794 |
| Massachusetts | | 1,702,181 |
| Michigan | | 86,785 |
| Missouri | | 404,739 |
| New Jersey | | 158,168 |
| New York | | 4,667,428 |
| Ohio | | 279,734 |
| Oklahoma | | 50,841 |
| Oregon | | 31,212 |
| Pennsylvania | | 4,419,957 |
| Tennessee | | 226,146 |
| Texas | | 574,927 |
| Vermont | | 326,152 |
| Washington | | 340,161 |
| West Virginia | | 6,420 |
| Wisconsin | | 482,751 |
| Other States (Ala., Ark., Conn., D. C., Fla., Idaho, Ind., Iowa, Kans., Ky., Minn., Miss., Nebr., N. C., R. I., Utah, Va.) | | 2,155,468 |
| CONFECTIONERY, NOT REPORTED BY KIND | | |
| United States | | 5,837,332 |
| California | | 400,736 |
| Colorado | | 37,768 |
| Connecticut | | 14,364 |
| District of Columbia | | 53,015 |
| Florida | | 83,547 |
| Illinois | | 439,712 |
| Indiana | | 95,938 |
| Iowa | | 205,935 |
| Kansas | | 3,575 |
| Kentucky | | 100,146 |
| Louisiana | | 81,640 |
| Maryland | | 18,367 |
| Massachusetts | | 782,885 |
| Michigan | | 19,712 |
| Minnesota | | 168,616 |
| Mississippi | | 115,169 |
| Missouri | | 14,711 |
| Montana | | 3,965 |
| New Jersey | | 1,025,626 |
| New York | | 429,552 |
| Ohio | | 322,758 |
| Oklahoma | | 55,999 |
| Pennsylvania | | 763,432 |
| Rhode Island | | 7,172 |
| Texas | | 116,133 |
| Washington | | 20,382 |
| Wisconsin | | 6,197 |
| Other States (Ala., Ariz., Ark., Del., Ga., Idaho, Nebr., N. C., N. Dak., Oreg., S. C., S. Dak., Tenn., Utah, Vt., Va., W. Va.) | | 450,280 |
| SALTED PEANUTS | | |
| United States | | 12,161,582 |
| California | | 1,147,829 |
| Colorado | | 111,726 |
| Georgia | | 568,374 |
| Illinois | | 927,763 |
| Iowa | | 37,139 |
| Louisiana | | 1,582 |
| Massachusetts | | 812,864 |
| Michigan | | 169,703 |
| Minnesota | | 293,328 |
| New York | | 538,365 |
| Ohio | | 1,008,419 |
| Oklahoma | | 121,835 |
| Oregon | | 66,929 |
| Pennsylvania | | 617,402 |
| Tennessee | | 26,467 |
| SALTED PEANUTS—continued | | |
| Texas | | $108,335 |
| Utah | | 11,500 |
| Washington | | 90,429 |
| West Virginia | | 2,001 |
| Wisconsin | | 38,157 |
| Other States (Ala., Ark., Conn., D. C., Fla., Idaho, Ind., Kans., Ky., Maine, Md., Miss., Mo., Nebr., Nev., N. J., N. C., R. I., S. C., Vt., Va.) | | 5,461,435 |
| SALTED CASHEW NUTS | | |
| United States | | 2,728,431 |
| California | | 250,664 |
| Colorado | | 23,165 |
| Illinois | | 554,283 |
| Massachusetts | | 259,489 |
| Michigan | | 28,843 |
| Missouri | | 77,712 |
| New York | | 873,318 |
| Ohio | | 246,813 |
| Oregon | | 7,049 |
| Pennsylvania | | 79,316 |
| Texas | | 4,922 |
| Washington | | 18,274 |
| Wisconsin | | 11,360 |
| Other States (Ala., Ark., Conn., D. C., Fla., Ga., Idaho, Ind., Iowa, Kans., Ky., La., Maine, Md., Minn., Nebr., N. J., R. I., Tenn., Utah, Vt.) | | 293,223 |
| SALTED BRAZIL NUTS | | |
| United States | | 967,786 |
| California | | 31,924 |
| Massachusetts | | 276,592 |
| Missouri | | 3,523 |
| New York | | 124,466 |
| Ohio | | 44,624 |
| Pennsylvania | | 9,520 |
| Washington | | 6,500 |
| Wisconsin | | 6,262 |
| Other States (Ark., Colo., Conn., D. C., Idaho, Ill., Ind., Md., Mich., Minn., Nebr., N. J., Oreg., R. I., Tenn., Tex., Vt.) | | 464,375 |
| SALTED PECANS | | |
| United States | | 904,908 |
| California | | 49,158 |
| Colorado | | 11,284 |
| Illinois | | 204,293 |
| Massachusetts | | 136,696 |
| Michigan | | 29,566 |
| Missouri | | 12,074 |
| New York | | 170,517 |
| Ohio | | 123,108 |
| Pennsylvania | | 22,696 |
| Washington | | 24,907 |
| Wisconsin | | 8,546 |
| Other States (Ala., Ark., Conn., D. C., Fla., Ga., Idaho, Ind., Iowa, Kans., Ky., La., Md., Minn., Nebr., N. J., Oreg., R. I., Tenn., Tex., Utah, Vt.) | | 112,063 |
| OTHER SALTED NUTS | | |
| United States | | 1,981,025 |
| California | | 163,844 |
| Colorado | | 14,595 |
| Maryland | | 1,387 |
| Michigan | | 49,819 |
| Missouri | | 24,412 |
| New Jersey | | 9,851 |
| New York | | 285,135 |
| Ohio | | 101,347 |
| Pennsylvania | | 58,434 |
| Washington | | 28,054 |
| Wisconsin | | 41,044 |
| Other States (Ark., Conn., Del., D. C., Ill., Ind., Kans., Ky., La., Mass., Minn., Nebr., Oreg., R. I., Tenn., Utah, Vt.) | | 1,203,103 |

## TABLE 6.—PRINCIPAL MATERIALS CONSUMED, BY KIND, QUANTITY, AND COST, FOR THE UNITED STATES: 1939 AND 1929

[The difference between the sum of the cost of the several kinds of materials shown in this table and the total cost of materials as given in table 1 is due to the fact that this table covers only certain specified materials whereas table 1 covers the cost of all materials and containers used. No data available for 1937]

| PRINCIPAL MATERIALS | 1939 [1] | | 1929 [2] | |
|---|---|---|---|---|
| | Pounds | Cost | Pounds | Cost |
| Total | | $108,264,313 | | $134,314,636 |
| Sugar | 758,404,578 | 34,521,774 | 713,001,634 | 38,802,484 |
| Beet | 256,399,250 | 11,607,814 | (3) | (3) |
| Cane | 451,882,122 | 20,898,558 | | |
| Corn | 22,028,334 | 828,592 | | |
| Invert | 28,094,872 | 1,186,810 | (4) | (4) |
| Milk and milk products | | 4,589,350 | 82,775,533 | 8,016,405 |
| Fluid, condensed and evaporated, and powdered | (4) | 3,544,498 | (3) | (3) |
| Cream | 2,695,283 | 460,310 | | |
| Creamery butter | 2,067,980 | 584,542 | | |
| Cornstarch | 22,973,895 | 742,874 | (4) | (4) |
| Gelatin | 2,190,804 | 897,379 | (4) | (4) |
| Chocolate (purchased and used, total) | 222,649,471 | 23,041,884 | 179,756,752 | 36,020,586 |
| Coatings | 209,374,931 | 21,761,816 | (3) | (3) |
| Liquor | 13,274,540 | 1,280,068 | | |
| Coconut (shred, thread, etc.) | 30,179,180 | 2,314,379 | 27,500,490 | 2,909,464 |
| Cocoa beans | 5,690,048 | 335,208 | (4) | (4) |
| Cocoa butter | 16,311,625 | 2,078,902 | 8,074,818 | 2,059,249 |
| Cocoa powder | (5) | 289,940 | 3,820,874 | 718,107 |
| Corn sirup | 502,275,200 | 12,996,268 | 428,799,715 | 15,328,742 |
| Nuts and peanuts | 252,143,791 | 24,202,496 | 197,629,916 | 23,900,725 |
| Fruits | (4) | (4) | 20,083,236 | 3,582,224 |
| Chicle | (5) | 78,906 | (5) | 408,691 |
| Crude gums (used in chewing gum) | (5) | 107,434 | (5) | (5) |
| Essential oils | (4) | 727,108 | (4) | 1,124,166 |
| Flavoring extracts | (4) | 1,340,411 | (4) | 1,443,793 |

[1] Detail data reported by 1,108 establishments, value of products of which amounted to 94.9 percent of the total value of products for the industry.
[2] Detail data reported by 1,507 establishments, value of products of which amounted to 92.9 percent of the total value of products for the industry.
[3] Not reported by kind. [4] No data. [5] Data not available.

## TABLE 7.—PRINCIPAL MATERIALS CONSUMED, BY KIND, QUANTITY, AND COST, BY STATES: 1939

[See headnote table 6]

| KIND AND STATE | 1939 | |
|---|---|---|
| | Pounds | Cost |
| Sugar, total | 758,404,578 | $34,521,774 |
| Beet sugar, total | 256,399,250 | 11,607,814 |
| California | 24,689,645 | 1,156,709 |
| Colorado | 2,349,300 | 115,479 |
| Illinois | 125,772,912 | 5,604,875 |
| Indiana | 4,690,690 | 219,425 |
| Iowa | 2,759,105 | 127,331 |
| Massachusetts | 4,394,155 | 202,899 |
| Michigan | 6,181,059 | 285,011 |
| Minnesota | 3,676,188 | 177,303 |
| Missouri | 23,694,793 | 1,063,414 |
| New York | 6,069,174 | 276,735 |
| Ohio | 7,883,793 | 357,287 |
| Oklahoma | 3,608,500 | 167,440 |
| Pennsylvania | 17,020,470 | 757,981 |
| Texas | 6,485,949 | 290,662 |
| Utah | 3,406,373 | 172,762 |
| Washington | 2,319,650 | 114,068 |
| Wisconsin | 3,739,139 | 173,741 |
| Other States (Ark., Fla., Idaho, Kans., Ky., Md., Mont., Nebr., N. J., N. C., Oreg., S. Dak., Va.) | 7,658,355 | 344,692 |
| Cane sugar, total | 451,882,122 | 20,898,558 |
| Alabama | 358,092 | 17,275 |
| Arkansas | 602,500 | 29,300 |
| California | 12,896,298 | 620,070 |
| Colorado | 337,853 | 17,183 |
| Georgia | 13,078,192 | 604,776 |
| Illinois | 86,695,798 | 4,147,593 |
| Indiana | 3,804,554 | 187,851 |
| Iowa | 546,595 | 25,706 |
| Kansas | 416,766 | 20,593 |
| Kentucky | 6,447,398 | 298,236 |
| Louisiana | 7,123,267 | 343,628 |
| Maine | 134,000 | 6,842 |
| Maryland | 10,178,505 | 472,937 |
| Massachusetts | 44,782,719 | 2,034,493 |
| Michigan | 2,160,979 | 104,402 |
| Cane sugar—Continued. | | |
| Minnesota | 1,065,849 | $53,817 |
| Mississippi | 1,365,312 | 63,071 |
| Missouri | 6,129,597 | 292,860 |
| Nebraska | 98,400 | 4,804 |
| New Jersey | 23,078,715 | 1,029,798 |
| New York | 79,449,543 | 3,542,048 |
| North Carolina | 6,434,500 | 309,071 |
| Ohio | 18,277,872 | 859,290 |
| Oklahoma | 914,384 | 45,036 |
| Oregon | 1,360,734 | 66,092 |
| Pennsylvania | 75,537,975 | 3,465,576 |
| Tennessee | 17,669,772 | 774,365 |
| Texas | 4,523,924 | 211,052 |
| Utah | 182,760 | 9,941 |
| Virginia | 5,830,530 | 269,723 |
| Washington | 3,746,947 | 180,190 |
| West Virginia | 469,556 | 23,565 |
| Wisconsin | 2,957,864 | 137,701 |
| Other States (Conn., Del., D. C., Fla., Idaho, R. I., S. C., S. Dak., Vt.) | 13,224,372 | 629,673 |
| Corn sugar, total | 22,028,334 | 828,592 |
| California | 682,156 | 25,567 |
| Illinois | 11,741,942 | 449,777 |
| Maryland | 310,620 | 11,675 |
| Massachusetts | 372,693 | 14,296 |
| Missouri | 1,046,579 | 39,634 |
| New York | 1,094,819 | 40,288 |
| Ohio | 407,591 | 15,781 |
| Pennsylvania | 884,120 | 33,120 |
| Texas | 324,423 | 10,078 |
| Other States (Colo., Conn., Ga., Ind., Kans., Ky., La., Mich., Minn., Miss., Nebr., N. J., N. C., Okla., Oreg., Tenn., Utah, Vt., Va., Wash., W. Va., Wis.) | 5,163,391 | 188,376 |
| Invert sugar, total | 28,094,872 | 1,186,810 |
| California | 587,349 | 29,497 |
| Colorado | 50,614 | 2,707 |

TABLE 7.—PRINCIPAL MATERIALS CONSUMED, BY KIND, QUANTITY, AND COST, BY STATES: 1939—*Continued*

| KIND AND STATE | 1939 Pounds | 1939 Cost |
|---|---|---|
| Invert sugar—Continued. | | |
| Georgia | 76,721 | $4,476 |
| Illinois | 7,290,509 | 326,187 |
| Indiana | 92,544 | 5,737 |
| Iowa | 15,179 | 816 |
| Michigan | 182,082 | 8,455 |
| Minnesota | 91,525 | 5,630 |
| Missouri | 300,050 | 15,329 |
| Nebraska | 1,884 | 115 |
| New Jersey | 325,115 | 13,564 |
| New York | 814,102 | 37,620 |
| Ohio | 208,740 | 10,250 |
| Pennsylvania | 1,699,046 | 77,771 |
| Tennessee | 13,298 | 670 |
| Texas | 91,683 | 4,731 |
| Washington | 62,184 | 3,040 |
| Wisconsin | 12,659 | 752 |
| Other States (Ala., Ark., Conn., D. C., Fla., Idaho, Ky., La., Md., Mass., Miss., N. C., Okla., Oreg., R. I., S. C., S. Dak., Utah, Vt., Va.) | 16,179,588 | 639,463 |
| Nuts and peanuts, total | 252,143,791 | 24,202,496 |
| Alabama | 39,710 | 5,953 |
| Arkansas | 299,000 | 20,889 |
| California | 20,056,922 | 1,902,496 |
| Colorado | 524,316 | 63,081 |
| Florida | 39,247 | 7,628 |
| Georgia | 9,735,070 | 623,183 |
| Illinois | 77,249,849 | 6,938,961 |
| Iowa | 1,750,506 | 115,709 |
| Kentucky | 435,988 | 29,919 |
| Louisiana | 832,810 | 97,209 |
| Maine | 38,525 | 2,999 |
| Maryland | 516,629 | 94,127 |
| Massachusetts | 14,587,707 | 1,909,561 |
| Michigan | 3,846,947 | 537,604 |
| Minnesota | 4,448,055 | 488,588 |
| Mississippi | 559,186 | 41,292 |
| Missouri | 9,930,001 | 724,889 |
| Nebraska | 211,368 | 29,041 |
| New Jersey | 2,366,091 | 258,129 |
| New York | 12,314,860 | 1,807,756 |
| Ohio | 24,972,742 | 1,911,066 |
| Oklahoma | 1,138,778 | 70,560 |
| Oregon | 260,415 | 42,916 |
| Pennsylvania | 15,813,246 | 1,990,367 |
| Tennessee | 1,757,832 | 108,556 |
| Texas | 3,729,791 | 338,440 |
| Utah | 925,070 | 88,329 |
| Washington | 1,673,169 | 192,308 |
| West Virginia | 21,984 | 1,870 |
| Wisconsin | 1,934,626 | 233,786 |
| Other States (Conn., Del., D. C., Idaho, Ind., Kans., Mont., N. C., R. I., S. C., S. Dak., Vt., Va.) | 40,133,351 | 3,525,284 |
| Cornstarch, total | 22,973,895 | 742,874 |
| California | 828,918 | 33,071 |
| Connecticut | 4,167 | 143 |
| Georgia | 106,776 | 4,285 |
| Illinois | 9,749,867 | 290,549 |
| Indiana | 101,600 | 3,044 |
| Iowa | 28,455 | 943 |
| Louisiana | 40,313 | 1,616 |
| Maryland | 358,981 | 11,842 |
| Massachusetts | 1,030,164 | 32,420 |
| Michigan | 146,749 | 4,602 |
| Missouri | 850,695 | 36,085 |
| New York | 5,059,320 | 162,508 |
| North Carolina | 131,650 | 4,320 |
| Ohio | 506,417 | 17,266 |
| Pennsylvania | 2,033,005 | 72,164 |
| Tennessee | 469,183 | 16,889 |
| Texas | 121,051 | 4,076 |
| Utah | 69,075 | 2,540 |
| Virginia | 30,140 | 984 |
| Washington | 154,705 | 6,224 |
| Other States (Ala., Ark., Colo., D. C., Fla., Idaho, Ky., Minn., Miss., Mont., Nebr., N. J., Okla., Oreg., R. I., Vt., W. Va., Wis.) | 1,152,664 | 37,303 |
| Gelatin, total | 2,190,804 | 897,379 |
| California | 205,187 | 87,797 |
| Colorado | 5,319 | 1,954 |
| Connecticut | 583 | 240 |
| Georgia | 12,707 | 5,191 |
| Illinois | 940,954 | 405,893 |
| Gelatin—Continued. | | |
| Indiana | 16,503 | $7,878 |
| Iowa | 1,103 | 479 |
| Maryland | 8,360 | 2,782 |
| Massachusetts | 97,343 | 33,444 |
| Michigan | 22,350 | 10,696 |
| Minnesota | 7,002 | 2,517 |
| Missouri | 78,275 | 31,605 |
| New York | 271,539 | 101,489 |
| North Carolina | 9,067 | 3,524 |
| Ohio | 126,685 | 51,685 |
| Oklahoma | 5,676 | 2,710 |
| Pennsylvania | 167,926 | 66,025 |
| Tennessee | 57,087 | 21,043 |
| Texas | 57,749 | 23,879 |
| Utah | 4,293 | 1,502 |
| Washington | 8,506 | 3,878 |
| Wisconsin | 22,994 | 7,834 |
| Other States (Ala., Ark., D. C., Fla., Idaho, Kans., Ky., La., Miss., Mont., Nebr., N. J., Oreg., R. I., S. C., Vt., Va., W. Va.) | 63,536 | 23,334 |
| Cream (butterfat), total | 2,695,283 | 460,310 |
| California | 461,228 | 79,483 |
| Illinois | 277,403 | 36,860 |
| Indiana | 9,978 | 1,561 |
| Louisiana | 36,036 | 6,044 |
| Maryland | 59,181 | 9,579 |
| Massachusetts | 379,554 | 68,002 |
| Michigan | 159,845 | 32,509 |
| Minnesota | 17,002 | 3,067 |
| Missouri | 80,615 | 19,818 |
| New York | 149,519 | 34,729 |
| Ohio | 93,802 | 20,029 |
| Pennsylvania | 304,374 | 51,045 |
| Utah | 28,398 | 6,411 |
| Washington | 34,318 | 7,286 |
| Wisconsin | 42,063 | 8,637 |
| Other States (Ala., Ark., Colo., Conn., Del., D. C., Fla., Ga., Idaho, Iowa, Kans., Ky., Mont., Nebr., N. J., Oreg., S. C., Tenn., Texas, Vt., Va.) | 561,067 | 75,250 |
| Chocolate (purchased and used), total | 222,049,471 | 23,041,884 |
| Coatings, total | 209,374,031 | 21,761,816 |
| California | 11,008,591 | 1,314,202 |
| Colorado | 725,130 | 94,000 |
| Georgia | 1,309,552 | 148,222 |
| Illinois | 88,800,702 | 8,862,307 |
| Indiana | 2,707,338 | 284,877 |
| Iowa | 940,417 | 95,069 |
| Kentucky | 79,014 | 12,020 |
| Louisiana | 853,570 | 105,870 |
| Maine | 45,516 | 5,091 |
| Maryland | 881,930 | 88,170 |
| Massachusetts | 23,507,040 | 2,530,185 |
| Michigan | 1,947,587 | 285,201 |
| Minnesota | 1,709,725 | 188,273 |
| Missouri | 6,402,037 | 670,871 |
| Nebraska | 217,250 | 20,430 |
| New Jersey | 2,028,942 | 224,033 |
| New York | 14,436,412 | 1,521,553 |
| Ohio | 7,362,692 | 703,674 |
| Oklahoma | 310,131 | 30,439 |
| Oregon | 527,750 | 61,504 |
| Pennsylvania | 23,194,886 | 2,208,763 |
| Tennessee | 1,701,785 | 167,975 |
| Texas | 1,086,209 | 139,278 |
| Utah | 360,315 | 50,214 |
| Virginia | 140,721 | 14,032 |
| Washington | 1,825,125 | 220,071 |
| West Virginia | 15,000 | 1,605 |
| Wisconsin | 3,383,135 | 382,288 |
| Other States (Ala., Ark., Conn., Del., D. C., Fla., Idaho, Kans., Miss., Mont., N. C., R. I., S. C., S. Dak., Vt.) | 11,368,360 | 1,174,819 |
| Liquors, total | 13,274,540 | 1,280,068 |
| California | 467,245 | 48,420 |
| Colorado | 22,550 | 3,075 |
| Georgia | 10,263 | 1,101 |
| Illinois | 2,241,157 | 230,876 |
| Iowa | 91,813 | 13,038 |
| Kentucky | 1,533 | 280 |
| Massachusetts | 2,339,664 | 224,351 |
| New York | 684,464 | 86,166 |

TABLE 7.—PRINCIPAL MATERIALS CONSUMED, BY KIND, QUANTITY, AND COST, BY STATES: 1939—Continued

| KIND AND STATE | 1939 Pounds | 1939 Cost |
|---|---|---|
| Liquors—Continued. | | |
| Ohio | 408,638 | $38,653 |
| Pennsylvania | 3,475,172 | 302,169 |
| Texas | 19,463 | 2,225 |
| Washington | 11,316 | 1,208 |
| Other States (Ala., Ark., Conn., Del., D. C., Fla., Idaho, Ind., Kans., La., Maine, Md., Mich., Minn., Miss., Mo., Mont., N. J., N. C., Okla., Oreg., R. I., S. C., S. Dak., Tenn., Utah. Vt., Va., Wis.) | 3,501,262 | 328,437 |
| Creamery butter, total | 2,067,980 | 584,542 |
| California | 249,324 | 78,968 |
| Colorado | 26,740 | 7,907 |
| Connecticut | 9,294 | 3,343 |
| Illinois | 489,341 | 134,024 |
| Indiana | 57,186 | 16,779 |
| Iowa | 2,343 | 615 |
| Kentucky | 7,234 | 2,247 |
| Louisiana | 15,018 | 4,672 |
| Maryland | 28,435 | 8,308 |
| Massachusetts | 199,116 | 52,629 |
| Michigan | 64,734 | 18,362 |
| Minnesota | 17,029 | 4,897 |
| Missouri | 129,712 | 41,862 |
| Nebraska | 1,190 | 358 |
| New Jersey | 8,864 | 2,692 |
| New York | 158,996 | 45,642 |
| Ohio | 78,721 | 21,516 |
| Oregon | 11,825 | 3,676 |
| Pennsylvania | 253,226 | 67,201 |
| Tennessee | 1,947 | 568 |
| Utah | 5,123 | 1,868 |
| Washington | 33,362 | 10,336 |
| Wisconsin | 41,893 | 11,074 |
| Other States (Ala., Ark., Del., D. C., Fla., Ga., Idaho, Kans., Maine. Miss., Mont., R. I., S. Dak., Tex., Vt., Va., W. Va.) | 177,327 | 44,998 |
| Coconut (shred, thread, etc.), total | 30,179,180 | 2,314,379 |
| California | 1,475,572 | 103,073 |
| Colorado | 57,253 | 5,629 |
| Illinois | 3,746,120 | 320,161 |
| Indiana | 226,661 | 16,396 |
| Iowa | 128,119 | 9,296 |
| Kentucky | 295,334 | 22,496 |
| Louisiana | 397,444 | 30,097 |
| Maryland | 270,443 | 20,557 |
| Massachusetts | 962,868 | 71,365 |
| Michigan | 117,217 | 10,135 |
| Minnesota | 95,285 | 7,945 |
| Mississippi | 368,926 | 26,624 |
| Missouri | 997,094 | 77,819 |
| New Jersey | 64,014 | 5,171 |
| New York | 2,592,284 | 195,158 |
| North Carolina | 1,178,890 | 99,144 |
| Ohio | 1,265,842 | 101,850 |
| Oklahoma | 310,720 | 23,801 |
| Oregon | 64,490 | 4,842 |
| Pennsylvania | 3,432,389 | 268,053 |
| South Carolina | 75,311 | 8,494 |
| Tennessee | 994,142 | 74,539 |
| Texas | 542,010 | 48,740 |
| Utah | 61,245 | 5,740 |
| Virginia | 108,625 | 8,835 |
| Washington | 135,367 | 11,139 |
| West Virginia | 3,030 | 275 |
| Wisconsin | 167,658 | 15,653 |
| Other States (Ala., Ark., Conn., Del., D. C., Fla., Ga., Idaho, Kans., Maine, Mont., Nebr., R. I., S. Dak., Vt.) | 10,044,827 | 721,352 |
| Cocoa beans, total | 5,690,048 | 335,208 |
| New York | 578,891 | 41,198 |
| Other States (Calif., Colo., Ga., Ill., Ind., Kans., Ky., La., Md., Mass., Pa., Tex.) | 5,111,157 | 294,010 |
| Cocoa butter, total | 16,311,625 | 2,078,902 |
| California | 567,719 | 71,756 |
| Colorado | 6,240 | 844 |
| District of Columbia | 542 | 101 |
| Florida | 834 | 104 |
| Illinois | 7,899,300 | 1,012,027 |
| Louisiana | 30,933 | 6,386 |
| Massachusetts | 739,435 | 115,621 |
| Michigan | 36,257 | 4,845 |
| New Jersey | 15,493 | 2,356 |
| New York | 1,327,497 | 153,989 |

| KIND AND STATE | 1939 Pounds | 1939 Cost |
|---|---|---|
| Cocoa butter—Continued. | | |
| Ohio | 185,800 | $23,730 |
| Oklahoma | 23,800 | 3,135 |
| Oregon | 21,006 | 2,820 |
| Pennsylvania | 1,300,488 | 148,200 |
| Texas | 59,294 | 7,655 |
| Washington | 54,164 | 7,490 |
| Other States (Ala., Ark., Conn., Del., Ga., Idaho, Ind., Iowa, Ky., Maine, Md., Minn., Mo., Mont., Nebr., N. C., R. I., Tenn., Utah, Vt., Va., W. Va., Wis.) | 4,042,823 | 517,843 |
| Corn sirup, total | 502,275,200 | 12,996,268 |
| Alabama | 66,402 | 1,992 |
| California | 22,289,038 | 703,645 |
| Colorado | 1,740,985 | 51,457 |
| Florida | 71,139 | 2,329 |
| Georgia | 7,577,257 | 220,972 |
| Illinois | 192,673,402 | 4,492,844 |
| Indiana | 7,286,866 | 196,043 |
| Iowa | 2,941,127 | 73,653 |
| Kentucky | 2,695,271 | 68,159 |
| Louisiana | 2,054,579 | 58,163 |
| Maine | 130,954 | 5,128 |
| Maryland | 3,875,789 | 110,113 |
| Massachusetts | 24,197,112 | 679,714 |
| Michigan | 3,109,108 | 84,487 |
| Minnesota | 5,416,097 | 136,630 |
| Mississippi | 757,599 | 22,224 |
| Missouri | 21,507,349 | 519,316 |
| New Jersey | 15,386,903 | 421,685 |
| New York | 54,988,546 | 1,510,231 |
| North Carolina | 2,993,900 | 89,045 |
| Ohio | 17,268,164 | 449,723 |
| Oklahoma | 2,841,210 | 81,955 |
| Oregon | 1,464,960 | 48,126 |
| Pennsylvania | 64,614,825 | 1,756,343 |
| Tennessee | 12,202,920 | 296,049 |
| Texas | 6,154,599 | 192,046 |
| Utah | 1,937,565 | 57,543 |
| Virginia | 2,662,536 | 78,366 |
| Washington | 2,899,968 | 93,312 |
| West Virginia | 195,675 | 5,873 |
| Wisconsin | 5,095,332 | 123,232 |
| Other States (Ark., Conn., Del., D. C., Idaho, Kans., Mont., Nebr., R. I., S. C., S. Dak., Vt.) | 13,178,023 | 365,880 |
| Milk (fluid, condensed and evaporated, and powdered), total | | 3,544,498 |
| Arkansas | | 1,375 |
| California | | 118,494 |
| Colorado | | 5,988 |
| Florida | | 395 |
| Georgia | | 20,923 |
| Illinois | | 1,854,544 |
| Iowa | | 3,012 |
| Kansas | | 2,725 |
| Kentucky | | 2,550 |
| Louisiana | | 10,307 |
| Maryland | | 21,241 |
| Massachusetts | | 141,891 |
| Michigan | | 8,835 |
| Minnesota | | 18,421 |
| Mississippi | | 655 |
| Missouri | | 57,272 |
| New York | | 136,508 |
| North Carolina | | 18,569 |
| Ohio | | 66,898 |
| Oklahoma | | 2,077 |
| Oregon | | 1,713 |
| Pennsylvania | | 419,320 |
| Tennessee | | 10,186 |
| Texas | | 17,009 |
| Utah | | 5,324 |
| Washington | | 13,029 |
| Wisconsin | | 87,216 |
| Other States (Ala., Conn., Del., D. C., Idaho, Ind., Maine, Mont., Nebr., N. J., R. I., S. C., S. Dak., Vt., Va., W. Va.) | | 489,015 |
| Cocoa powder, total | | 289,040 |
| California | | 11,849 |
| Colorado | | 1,206 |
| Georgia | | 5,622 |
| Illinois | | 146,283 |
| Indiana | | 659 |

TABLE 7.—PRINCIPAL MATERIALS CONSUMED, BY KIND, QUANTITY, AND COST, BY STATES: 1939—Continued

| KIND AND STATE | 1939 Pounds | 1939 Cost |
|---|---|---|
| Cocoa powder—Continued. | | |
| Kentucky | | $2,416 |
| Louisiana | | 2,276 |
| Maryland | | 4,547 |
| Massachusetts | | 3,808 |
| Michigan | | 722 |
| Missouri | | 11,346 |
| Nebraska | | 250 |
| New Jersey | | 199 |
| New York | | 35,818 |
| North Carolina | | 7,014 |
| Ohio | | 4,971 |
| Oregon | | 518 |
| Pennsylvania | | 21,602 |
| Tennessee | | 3,630 |
| Texas | | 7,063 |
| Utah | | 687 |
| Washington | | 1,187 |
| Wisconsin | | 714 |
| Other States (Ala., Ark., Conn., D. C., Fla., Idaho, Iowa, Kans., Maine, Minn., Miss., Mont., Okla., R. I., S. C., Vt., Va., W. Va.) | | 15,553 |
| Essential oils, total | | 727,108 |
| California | | 30,624 |
| Colorado | | 3,633 |
| Georgia | | 4,648 |
| Illinois | | 135,110 |
| Indiana | | 5,546 |
| Louisiana | | 7,680 |
| Maryland | | 7,927 |
| Massachusetts | | 74,614 |
| Michigan | | 12,469 |
| Minnesota | | 5,322 |
| Missouri | | 20,148 |
| New York | | 196,012 |
| North Carolina | | 3,200 |
| Ohio | | 27,431 |
| Oklahoma | | 3,435 |
| Oregon | | 3,859 |
| Pennsylvania | | 50,868 |
| Essential oils—Continued. | | |
| Tennessee | | $6,415 |
| Texas | | 10,130 |
| Virginia | | 2,955 |
| Wisconsin | | 21,239 |
| Other States (Ala., Ark., Conn., Del., D. C., Fla., Idaho, Iowa, Ky., Maine, Miss., Mont., Nebr., N. J., R. I., S. C., Utah, Vt., Wash., W. Va.) | | 93,843 |
| Flavoring extracts, total | | 1,340,411 |
| California | | 106,882 |
| Colorado | | 5,287 |
| Georgia | | 12,302 |
| Illinois | | 336,668 |
| Indiana | | 59,492 |
| Iowa | | 1,619 |
| Kentucky | | 2,885 |
| Louisiana | | 6,967 |
| Maine | | 225 |
| Maryland | | 12,563 |
| Massachusetts | | 121,984 |
| Michigan | | 23,866 |
| Minnesota | | 7,583 |
| Missouri | | 34,813 |
| Nebraska | | 980 |
| New Jersey | | 29,957 |
| New York | | 190,988 |
| North Carolina | | 11,041 |
| Ohio | | 22,445 |
| Oregon | | 5,480 |
| Pennsylvania | | 196,079 |
| South Carolina | | 470 |
| Tennessee | | 18,558 |
| Texas | | 29,360 |
| Utah | | 2,287 |
| Virginia | | 3,599 |
| Washington | | 7,141 |
| West Virginia | | 472 |
| Wisconsin | | 15,525 |
| Other States (Ala., Ark., Conn., Del., D. C., Fla., Idaho, Kans., Miss., Mont., Okla., R. I., S. Dak., Vt.) | | 72,893 |

TABLE 8.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— January | February | March | April | May | June | July | August | September | October | November | December |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| United States: | | | | | | | | | | | | | |
| 1939 | 49,740 | 48,321 | 48,371 | 48,506 | 45,027 | 43,511 | 41,349 | 40,659 | 45,577 | 54,734 | 59,238 | 61,510 | 60,082 |
| 1937 | 53,722 | 52,975 | 53,430 | 52,742 | 49,357 | 47,662 | 45,785 | 44,080 | 47,903 | 58,278 | 65,526 | 65,124 | 61,797 |
| 1929 | 63,501 | 59,234 | 60,395 | 60,248 | 58,095 | 57,692 | 56,289 | 55,140 | 60,878 | 70,488 | 76,926 | 75,591 | 71,039 |
| Alabama | 104 | 105 | 110 | 104 | 107 | 100 | 99 | 100 | 102 | 106 | 111 | 107 | 95 |
| Arkansas | 43 | 42 | 44 | 45 | 45 | 42 | 35 | 34 | 35 | 43 | 48 | 51 | 51 |
| California | 2,751 | 2,390 | 2,518 | 2,546 | 2,393 | 2,291 | 2,132 | 2,167 | 2,481 | 2,992 | 3,266 | 3,925 | 3,911 |
| Colorado | 246 | 234 | 257 | 247 | 212 | 210 | 187 | 190 | 213 | 257 | 296 | 313 | 334 |
| Connecticut | 454 | 488 | 456 | 494 | 429 | 416 | 369 | 370 | 405 | 496 | 454 | 506 | 560 |
| District of Columbia | 119 | 146 | 112 | 118 | 111 | 89 | 84 | 81 | 84 | 117 | 136 | 160 | 185 |
| Florida | 78 | 115 | 125 | 100 | 69 | 53 | 38 | 39 | 39 | 48 | 56 | 95 | 161 |
| Georgia | 1,157 | 1,059 | 1,092 | 1,074 | 1,047 | 1,064 | 1,135 | 1,033 | 1,089 | 1,415 | 1,309 | 1,255 | 1,308 |
| Illinois | 12,061 | 12,076 | 11,610 | 11,633 | 10,822 | 10,352 | 10,124 | 10,069 | 11,660 | 13,642 | 14,272 | 14,702 | 13,771 |
| Indiana | 770 | 739 | 729 | 684 | 669 | 696 | 698 | 650 | 669 | 849 | 959 | 938 | 957 |
| Iowa | 288 | 300 | 278 | 296 | 285 | 316 | 251 | 221 | 275 | 326 | 333 | 300 | 280 |
| Kansas | 67 | 68 | 68 | 63 | 63 | 59 | 59 | 59 | 60 | 69 | 73 | 77 | 81 |
| Kentucky | 288 | 234 | 248 | 263 | 251 | 268 | 272 | 217 | 311 | 353 | 349 | 338 | 353 |
| Louisiana | 501 | 480 | 503 | 556 | 509 | 460 | 452 | 459 | 464 | 476 | 550 | 541 | 563 |
| Maine | 18 | 18 | 18 | 18 | 17 | 17 | 18 | 15 | 15 | 16 | 20 | 22 | 24 |
| Maryland | 642 | 516 | 582 | 630 | 583 | 553 | 491 | 480 | 486 | 663 | 838 | 920 | 961 |
| Massachusetts | 5,796 | 5,546 | 5,445 | 5,472 | 5,295 | 5,150 | 5,024 | 4,816 | 5,573 | 6,558 | 6,991 | 7,058 | 6,628 |
| Michigan | 892 | 834 | 876 | 913 | 904 | 875 | 766 | 739 | 791 | 935 | 1,052 | 1,033 | 988 |
| Minnesota | 543 | 535 | 474 | 487 | 456 | 400 | 389 | 366 | 446 | 634 | 711 | 795 | 823 |
| Mississippi | 100 | 91 | 93 | 96 | 97 | 96 | 95 | 103 | 105 | 104 | 108 | 108 | 107 |
| Missouri | 1,758 | 1,577 | 1,702 | 1,684 | 1,488 | 1,434 | 1,281 | 1,365 | 1,545 | 2,029 | 2,369 | 2,399 | 2,227 |
| Montana | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Nebraska | 69 | 69 | 69 | 68 | 68 | 64 | 57 | 54 | 62 | 72 | 77 | 80 | 83 |
| New Jersey | 1,893 | 1,730 | 1,652 | 1,721 | 1,756 | 1,699 | 1,636 | 1,707 | 2,083 | 2,253 | 2,277 | 2,269 | 1,931 |
| New York | 6,266 | 6,195 | 6,471 | 6,306 | 5,531 | 5,700 | 5,080 | 4,833 | 5,297 | 6,526 | 7,539 | 7,831 | 7,888 |

TABLE 8.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND STATES, 1939—Continued

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| North Carolina | 644 | 605 | 595 | 632 | 652 | 634 | 632 | 654 | 667 | 673 | 697 | 668 | 617 |
| Ohio | 1,655 | 1,505 | 1,603 | 1,536 | 1,470 | 1,373 | 1,269 | 1,270 | 1,428 | 1,936 | 2,021 | 2,255 | 2,194 |
| Oklahoma | 164 | 146 | 141 | 150 | 137 | 145 | 129 | 129 | 131 | 143 | 202 | 245 | 275 |
| Oregon | 176 | 160 | 156 | 164 | 156 | 150 | 152 | 147 | 154 | 198 | 225 | 231 | 219 |
| Pennsylvania | 6,016 | 6,159 | 6,278 | 6,198 | 5,505 | 5,092 | 4,774 | 4,787 | 5,204 | 6,362 | 6,980 | 7,410 | 7,449 |
| Rhode Island | 195 | 214 | 173 | 202 | 174 | 187 | 185 | 158 | 155 | 204 | 217 | 224 | 245 |
| South Carolina | 87 | 87 | 81 | 79 | 78 | 82 | 85 | 84 | 85 | 86 | 91 | 99 | 102 |
| Tennessee | 613 | 608 | 614 | 581 | 571 | 567 | 560 | 533 | 579 | 669 | 717 | 699 | 657 |
| Texas | 752 | 788 | 763 | 775 | 761 | 639 | 605 | 588 | 621 | 784 | 882 | 862 | 957 |
| Utah | 248 | 215 | 219 | 215 | 196 | 212 | 198 | 221 | 225 | 255 | 353 | 349 | 317 |
| Vermont | 45 | 27 | 30 | 41 | 28 | 47 | 42 | 52 | 50 | 47 | 49 | 53 | 69 |
| Virginia | 847 | 851 | 810 | 867 | 773 | 740 | 762 | 742 | 802 | 966 | 998 | 891 | 962 |
| Washington | 472 | 470 | 445 | 481 | 431 | 402 | 378 | 369 | 385 | 504 | 585 | 596 | 624 |
| West Virginia | 16 | 16 | 17 | 18 | 19 | 17 | 14 | 13 | 13 | 16 | 20 | 15 | 16 |
| Wisconsin | 809 | 826 | 834 | 847 | 769 | 731 | 718 | 674 | 717 | 806 | 874 | 950 | 963 |

TABLE 9.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 1,252 |
| Reporting expenditures for plant and equipment | 589 |
| Value of products: | |
| Total for the industry | $297,761,813 |
| Reporting expenditures for plant and equipment | 242,203,784 |
| Expenditures for plant and equipment: | |
| Total for the industry | 5,250,513 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 1,219,933 |
| Expenditures for new machinery and operating equipment | 3,356,873 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 607,940 |
| Expenditures unclassified | 65,767 |

TABLE 10.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $26,150,643 | $28,911,471 |
| Finished products | 8,850,722 | 8,293,002 |
| Materials, supplies, etc | 17,299,921 | 20,618,469 |
| End of year, total | 28,887,726 | 28,956,300 |
| Finished products | 9,536,524 | 9,471,946 |
| Materials, supplies, etc | 19,351,202 | 19,484,354 |
| Value of products for the industry, total | 297,761,813 | 305,839,262 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 273,336,194 | 281,031,494 |
| Value for establishments not reporting inventories | 24,425,619 | 24,807,768 |

TABLE 11.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 1,252 | 2,021 |
| Number of establishments reporting power equipment | 1,244 | 1,842 |
| Prime movers, aggregate: | | |
| Number | 134 | 335 |
| Horsepower | 20,887 | 30,375 |
| Prime movers, driving generators, total— | | |
| Number | 78 | [1] 335 |
| Horsepower | 16,060 | [1] 30,375 |

TABLE 11.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929—Continued

| | 1939 | 1929 |
|---|---|---|
| Prime movers—Continued. | | |
| Prime movers, driving generators—Continued. | | |
| Steam engines— | | |
| Number | 60 | [1] 310 |
| Horsepower | 12,575 | [1] 27,192 |
| Steam turbines— | | |
| Number | 4 | [1] 17 |
| Horsepower | 2,590 | [1] 2,955 |
| Diesel and semi-Diesel engines— | | |
| Number | 11 | |
| Horsepower | 820 | |
| Other internal-combustion engines [2]— | | [1] 7 |
| Number | 3 | [1] 218 |
| Horsepower | 75 | |
| Hydroturbines and water wheels— | | |
| Number | ---------- | [1] 1 |
| Horsepower | ---------- | [1] 10 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 604 | |
| Prime movers not driving generators, total— | | |
| Number | 56 | |
| Horsepower | 4,827 | |
| Steam engines— | | |
| Number | 43 | |
| Horsepower | 2,871 | (3) |
| Steam turbines— | | |
| Number | 10 | |
| Horsepower | 1,706 | |
| Diesel and semi-Diesel engines— | | |
| Number | 1 | |
| Horsepower | 110 | |
| Other internal-combustion engines [2]— | | |
| Number | 2 | |
| Horsepower | 140 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 340 | ---------- |
| Generators, kilowatt rating, total | 11,426 | 12,751 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 8,868 | |
| Steam turbines, kilowatt rating | 1,916 | |
| Diesel and semi-Diesel engines, kilowatt rating | 552 | (3) |
| Other internal-combustion engines, [2] kilowatt rating | 90 | |
| Generators, ordinarily idle (included above), kilowatt rating | 430 | (4) |
| Electric motors, total: | | |
| Number | 33,921 | 27,136 |
| Horsepower | 102,397 | 102,334 |
| Driven by purchased energy— | | |
| Number | 27,669 | 22,808 |
| Horsepower | 82,120 | 82,269 |
| Driven by energy generated in establishments reporting— | | |
| Number | 6,252 | 4,328 |
| Horsepower | 20,277 | 20,065 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 14,425,462 | (4) |
| Purchased | 92,328,096 | 86,684,109 |

[1] Includes data for prime movers not driving generators.
[2] Gas, gasoline, etc. [3] Not called for on schedule. [4] Data not available.

# CHOCOLATE AND COCOA PRODUCTS

[A preliminary report for this industry was issued November 18, 1940]

**Description of the industry.**—This industry, as constituted for census purposes, embraces establishments engaged primarily in the manufacture of chocolate, cocoa, cocoa butter, and other products of the nut of the cacao tree. The classification does not cover the manufacture of confectionery, but it does cover the chocolate departments operated by confectionery manufacturers for the production of coatings for their own use.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1899 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, and purchased electric energy | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 39 | 6,464 | $7,711,129 | $63,459,569 | $99,018,203 | $35,558,634 | 40,815 |
| 1937 | 40 | 7,402 | 8,128,517 | 74,131,065 | 102,346,113 | 28,215,048 | (4) |
| 1935 | 44 | 8,291 | 7,995,804 | 66,407,459 | 93,046,827 | 26,639,368 | (5) |
| 1933 | 54 | 6,460 | 6,114,572 | 41,572,193 | 67,754,144 | 26,181,951 | (4) |
| 1931 | 55 | 5,677 | 6,649,143 | 50,044,692 | 87,346,160 | 37,301,468 | (4) |
| 1929 | 59 | 6,249 | 7,778,061 | 79,549,371 | 119,540,693 | 39,991,322 | 32,135 |
| 1927 | 69 | 6,427 | 7,339,405 | 90,422,852 | 122,723,229 | 32,300,377 | 36,392 |
| 1925 | 60 | 7,128 | 7,991,952 | 73,522,104 | 106,642,474 | 33,120,370 | 32,362 |
| 1923 | 58 | 6,876 | 7,729,938 | 60,843,057 | 95,531,464 | 34,688,407 | 27,643 |
| 1921 | 55 | 6,652 | 7,278,377 | 49,134,379 | 81,649,432 | 32,515,053 | (4) |
| 1919 | 48 | 9,083 | 9,270,077 | 101,754,466 | 139,258,296 | 37,503,830 | 17,356 |
| 1914 | 36 | 4,160 | 2,035,598 | 24,483,303 | 35,712,810 | 11,229,507 | 16,840 |
| 1909 | 27 | 2,826 | 1,268,613 | 15,523,060 | 22,390,222 | 6,867,162 | 9,290 |
| 1904 | 25 | 2,090 | 821,851 | 9,722,555 | 14,389,699 | 4,667,144 | 4,562 |
| 1899 | 24 | 1,314 | 525,875 | 6,876,682 | 9,666,192 | 2,789,510 | 2,236 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, and purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Not called for on schedule.
[5] Data not available.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | California | Massachusetts | New Jersey | New York | Other States [1] |
|---|---|---|---|---|---|---|
| Number of establishments [2] | 39 | 3 | 5 | 4 | 13 | 14 |
| Proprietors and firm members | 4 | ---- | 1 | 3 | ---- | ---- |
| Persons reported by manufacturing establishments, total [3] | 8,831 | 192 | 1,035 | 370 | 2,422 | 4,812 |
| Salaried officers of corporations [3] | 58 | 8 | ---- | 8 | 17 | 25 |
| Manufacturing: | | | | | | |
| Salaried employees [3] | 725 | 17 | 128 | 22 | 232 | 326 |
| Wage earners (average for the year) [4] | 6,464 | 140 | 663 | 303 | 1,824 | 3,534 |
| Distribution | 1,010 | 22 | 91 | 31 | 114 | 752 |
| Construction | 334 | ---- | 153 | 4 | 2 | 175 |
| Other | 240 | 5 | ---- | 2 | 233 | ---- |
| Salaries and wages, total [3] | $13,030,169 | $413,599 | $1,519,266 | $591,542 | $3,562,584 | $6,943,178 |
| Salaried officers [3] | 686,447 | 77,609 | ---- | 76,192 | 200,706 | 331,940 |
| Manufacturing: | | | | | | |
| Salaries [3] | 1,422,378 | 56,391 | 263,388 | 83,592 | 418,516 | 600,491 |
| Wages | 7,711,129 | 201,111 | 903,161 | 300,523 | 2,277,290 | 4,029,044 |
| Distribution | 2,346,357 | 45,326 | 145,824 | 122,594 | 291,995 | 1,740,618 |
| Construction | 457,595 | ---- | 206,893 | 6,609 | 3,008 | 241,085 |
| Other | 406,263 | 33,162 | ---- | 2,032 | 371,069 | ---- |
| Costs of materials, supplies, containers, fuel, and purchased electric energy, total | 63,459,569 | 1,562,212 | 9,070,811 | 1,814,244 | 16,788,137 | 34,224,165 |
| Materials, supplies, and containers | 61,993,752 | 1,522,568 | 8,869,282 | 1,742,076 | 16,276,978 | 33,582,848 |
| Fuel | 737,533 | 5,462 | 91,039 | 19,836 | 155,558 | 465,638 |
| Purchased electric energy | 728,284 | 34,182 | 110,490 | 52,332 | 355,601 | 175,679 |
| Value of products | 99,018,203 | 2,484,518 | 12,086,858 | 2,738,861 | 24,277,575 | 57,430,391 |
| Value added by manufacture [5] | 35,558,634 | 922,306 | 3,016,047 | 924,617 | 7,489,438 | 23,206,226 |

[1] Illinois, 3 establishments; Pennsylvania, 7; Washington, 1; Wisconsin, 3.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, and purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| "Chocolate and Cocoa Products" industry, all products, total value | $99,018,203 | $102,346,113 | $119,540,693 |
| Chocolate, cocoa, etc., made in the industry | 97,244,122 | 101,639,944 | 118,211,853 |
| Miscellaneous products | 590,953 | 706,169 | 1,328,840 |
| Other products (not classified in this industry) | [1] 1,183,128 | | |
| Chocolate and cocoa products, etc., aggregate value | 98,972,843 | 102,942,737 | 119,359,295 |
| Chocolate, cocoa, etc., made in the industry | 97,244,122 | 101,639,944 | 118,211,853 |
| Chocolate, cocoa, etc., made as secondary products in other industries, principally the "Candy and Other Confectionery Products" industry | [2] 1,728,721 | 1,302,793 | 1,147,442 |

[1] Principally confectionery but also includes ice-cream coatings and candy summer coatings (not chocolate), bakery products, etc.
[2] Sweet or milk chocolate, plain or with nuts (not reported as to kind), 3,772,618 pounds, valued at $846,807; chocolate coatings and other chocolate and cocoa products, valued at $881,914.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Chocolate and cocoa products, etc., aggregate value | $98,972,843 | $102,942,737 | $119,359,295 |
| Chocolate (except coatings): | | | |
| Total pounds | 216,821,762 | 204,029,720 | 152,983,888 |
| Total value | $39,516,767 | $41,674,295 | $48,203,558 |
| Unsweetened— | | | |
| Pounds | 16,230,148 | 15,282,167 | 10,773,480 |
| Value | $3,043,207 | $3,286,084 | $3,698,675 |
| Sweet and milk chocolate— | | | |
| Total pounds | 200,591,614 | 188,747,553 | 142,210,408 |
| Total value | $36,473,560 | $38,388,211 | $44,504,883 |
| Sweet chocolate, plain— | | | |
| Pounds | 28,104,838 | 23,807,994 | 17,879,826 |
| Value | $4,181,796 | $4,163,235 | $5,018,438 |
| Sweet chocolate with nuts, etc.— | | | |
| Pounds | 11,937,955 | 5,288,500 | 4,935,590 |
| Value | $1,472,494 | $810,483 | $1,423,927 |
| Milk chocolate, plain— | | | |
| Pounds | 87,216,219 | 82,039,518 | 63,663,219 |
| Value | $16,019,498 | $16,628,292 | $18,927,556 |
| Milk chocolate with nuts, etc.— | | | |
| Pounds | 69,559,984 | 72,851,592 | 51,764,861 |
| Value | $13,952,965 | $15,956,971 | $18,120,800 |
| Not separately reported as to kind (sweet or milk, plain or with nuts)— | | | |
| Pounds | 3,772,618 | 4,759,949 | 3,966,912 |
| Value | $846,807 | $829,230 | $1,014,162 |
| Chocolate coatings:[1] | | | |
| Total pounds | 339,530,664 | 295,893,519 | 266,855,296 |
| Total value | $32,194,541 | $38,426,400 | $48,945,047 |
| Sweet— | | | |
| Pounds | 226,703,953 | 165,637,609 | 148,195,534 |
| Value | $21,228,638 | $20,403,783 | $25,054,543 |
| Milk— | | | |
| Pounds | 74,268,360 | 97,428,609 | 93,538,153 |
| Value | $7,601,098 | $13,808,268 | $19,252,764 |
| Liquor— | | | |
| Pounds | 38,558,351 | 32,827,301 | 25,121,609 |
| Value | $3,364,805 | $4,214,349 | $4,637,740 |
| Cocoa, powdered: | | | |
| Total pounds | 153,440,919 | 130,939,880 | 105,693,979 |
| Total value | $13,199,965 | $11,749,534 | $15,053,947 |
| Unsweetened— | | | |
| Total pounds | 135,527,997 | 117,841,828 | 93,916,187 |
| Total value | $10,301,314 | $9,248,705 | $12,695,605 |
| In cans of not over 1 pound— | | | |
| Pounds | 44,952,742 | 35,803,413 | 31,714,738 |
| Value | $4,816,828 | $4,125,462 | $7,023,177 |

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929—Continued

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Cocoa, powdered—Continued. | | | |
| Unsweetened—Continued. | | | |
| In cans over 1 pound— | | | |
| Pounds | 15,740,258 | 8,669,196 | 7,035,132 |
| Value | $991,950 | $612,400 | $878,100 |
| In barrels, drums, etc.— | | | |
| Pounds | 74,834,997 | 73,369,219 | 55,166,317 |
| Value | $4,492,536 | $4,510,843 | $4,704,328 |
| Sweetened or mixed with other substances— | | | |
| Total pounds | 17,912,922 | 13,098,052 | 11,777,792 |
| Total value | $2,898,651 | $2,500,829 | $2,358,342 |
| In cans of not over 1 pound— | | | |
| Pounds | 8,262,885 | 4,304,317 | 4,052,595 |
| Value | $1,369,311 | $989,512 | $1,199,320 |
| In cans of over 1 pound— | | | |
| Pounds | 971,532 | 1,036,254 | 1,876,973 |
| Value | $160,058 | $230,019 | $508,835 |
| In barrels, drums, etc.— | | | |
| Pounds | 8,678,505 | 7,757,481 | 5,848,224 |
| Value | $1,369,282 | $1,281,298 | $650,187 |
| Cocoa butter:[2] | | | |
| Pounds | 57,205,043 | 23,483,648 | 19,183,691 |
| Value | $6,880,433 | $4,737,896 | $5,428,548 |
| Chocolate sirups: | | | |
| Gallons | 6,825,326 | [3] 5,711,974 | 855,351 |
| Value | $6,009,526 | $5,341,315 | $984,023 |
| Press cake: | | | |
| Pounds | 1,066,000 | 2,469,762 | (4) |
| Value | $12,570 | $52,560 | (4) |
| Other chocolate and cocoa products: | | | |
| Value | $1,159,041 | $960,737 | $743,572 |

[1] 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 "Candy and Other Confectionery Products" industry.
[2] Does not include cocoa butter used in the manufacture of chocolate products reported above.
[3] Revised.
[4] No data.

TABLE 5.—PRINCIPAL MATERIALS CONSUMED, BY KIND, QUANTITY, AND COST: 1939, 1937, AND 1929

[This table covers only certain specified materials, and therefore the cost is considerably less than the total cost of all materials as given in table 1]

| KIND, QUANTITY, AND COST | 1939 | 1937 | 1929 |
|---|---|---|---|
| Cocoa beans: | | | |
| Pounds | 545,010,374 | 442,108,702 | 365,128,402 |
| Cost | $28,547,394 | $40,700,726 | $39,430,748 |
| Sugar: | | | |
| Total pounds | 258,686,362 | 243,321,893 | 172,032,070 |
| Total cost | $11,309,335 | $11,210,383 | $8,652,149 |
| Beet sugar— | | | |
| Pounds | 33,428,641 | 48,009,804 | (1) |
| Cost | $1,446,509 | $2,261,735 | |
| Cane sugar— | | | |
| Pounds | 223,595,338 | 194,451,644 | |
| Cost | $9,794,129 | $8,909,068 | |
| Corn sugar— | | | |
| Pounds | 1,662,383 | 860,445 | |
| Cost | $68,697 | $39,580 | |
| Corn sirup: | | | |
| Pounds | 8,315,170 | 6,542,201 | (2) |
| Cost | $218,505 | $189,523 | |
| Creamery butter: | | | |
| Pounds | 1,372,451 | 978,931 | 5,540,928 |
| Cost | $345,782 | $330,663 | $1,488,014 |
| Milk (fluid, condensed and evaporated, and powdered), and cream, cost | $6,138,462 | $7,797,529 | $8,418,645 |
| Nuts, cost | $2,989,722 | $3,980,361 | $4,807,436 |

[1] Data for kinds of sugar consumed not called for on schedule.
[2] No data available.

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 6,464 | 6,616 | 6,656 | 6,374 | 5,632 | 5,596 | 5,641 | 5,522 | 6,225 | 7,156 | 7,462 | 7,479 | 7,212 |
| 1937 | 7,402 | 8,494 | 8,052 | 7,535 | 6,695 | 6,207 | 6,131 | 6,571 | 7,164 | 7,830 | 8,367 | 8,115 | 7,666 |
| 1929 | 6,249 | 6,231 | 6,235 | 6,357 | 6,190 | 5,988 | 5,842 | 5,713 | 5,906 | 6,560 | 7,030 | 6,678 | 6,262 |
| California | 140 | 131 | 137 | 140 | 143 | 136 | 136 | 131 | 136 | 143 | 151 | 149 | 150 |
| Illinois | 142 | 143 | 139 | 136 | 136 | 135 | 134 | 135 | 140 | 142 | 158 | 157 | 153 |
| Massachusetts | 663 | 723 | 686 | 643 | 553 | 527 | 567 | 363 | 744 | 794 | 804 | 787 | 768 |
| New Jersey | 303 | 320 | 327 | 341 | 292 | 277 | 270 | 257 | 274 | 308 | 333 | 331 | 309 |
| New York | 1,824 | 2,084 | 2,063 | 1,859 | 1,390 | 1,445 | 1,508 | 1,545 | 1,673 | 1,854 | 2,074 | 2,193 | 2,195 |
| Pennsylvania | 3,226 | 3,047 | 3,138 | 3,091 | 2,955 | 2,913 | 2,863 | 2,928 | 3,095 | 3,750 | 3,772 | 3,690 | 3,465 |
| Wisconsin | 154 | 156 | 154 | 152 | 151 | 151 | 151 | 151 | 151 | 153 | 158 | 160 | 160 |

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 39 |
| Reporting expenditures for plant and equipment | 28 |
| Value of products: | |
| Total for the industry | $99,018,203 |
| Reporting expenditures for plant and equipment | 95,223,957 |
| Expenditures for plant and equipment: | |
| Total for the industry | 2,065,952 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 248,699 |
| Expenditures for new machinery and operating equipment | 1,798,602 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 18,651 |

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $16,795,519 | $29,042,162 |
| Finished products | 5,180,215 | 6,599,036 |
| Materials, supplies, etc | 11,615,304 | 22,443,126 |
| End of year, total | 19,480,722 | 26,851,551 |
| Finished products | 4,948,916 | 6,922,109 |
| Materials, supplies, etc | 14,531,806 | 19,929,442 |
| Value of products for the industry, total | 99,018,203 | 102,346,113 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 98,730,716 | 102,266,097 |
| Value for establishments not reporting inventories | 287,487 | 80,016 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 39 | 59 |
| Number of establishments reporting power equipment | 39 | 59 |
| Prime movers, aggregate: | | |
| Number | 30 | 54 |
| Horsepower | 40,815 | 32,135 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929—Continued

| | 1939 | 1929 |
|---|---|---|
| Prime movers—Continued. | | |
| Prime movers, driving generators, total— | | |
| Number | 17 | [1] 54 |
| Horsepower | 40,295 | [1] 32,135 |
| Steam engines— | | |
| Number | 5 | [1] 36 |
| Horsepower | 2,400 | [1] 10,422 |
| Steam turbines— | | |
| Number | 4 | [1] 12 |
| Horsepower | 36,193 | [1] 21,263 |
| Diesel and semi-Diesel engines— | | |
| Number | 2 | ---------- |
| Horsepower | 1,060 | ---------- |
| Hydroturbines and water wheels— | | |
| Number | 6 | [1] 6 |
| Horsepower | 642 | [1] 450 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 4,691 | (2) |
| Prime movers not driving generators, total— | | |
| Number | 13 | |
| Horsepower | 520 | |
| Steam engines— | | |
| Number | 8 | |
| Horsepower | 310 | |
| Steam turbines— | | |
| Number | 5 | |
| Horsepower | 210 | |
| Generators, kilowatt rating, total | 29,970 | 22,195 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 1,750 | (2) |
| Steam turbines, kilowatt rating | 27,000 | |
| Diesel and semi-Diesel engines, kilowatt rating | 740 | |
| Hydroturbines and water wheels, kilowatt rating | 480 | |
| Generators, ordinarily idle (included above), kilowatt rating | 3,500 | (2) |
| Electric motors, total: | | |
| Number | 8,773 | 6,082 |
| Horsepower | 90,180 | 68,308 |
| Driven by purchased energy— | | |
| Number | 4,849 | 2,609 |
| Horsepower | 43,425 | 31,101 |
| Driven by energy generated in establishments reporting— | | |
| Number | 3,924 | 3,473 |
| Horsepower | 46,755 | 37,207 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 80,167,094 | (2) |
| Sold | 11,163,840 | (2) |
| Purchased | 57,956,850 | 42,680,917 |

[1] Includes data for prime movers not driving generators.
[2] Not called for on schedule.
[3] Data not available.

# CHEWING GUM

[A preliminary report for this industry was issued October 1, 1940]

**Description of the industry.**—This 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.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 27 | 2,627 | $3,285,748 | $17,629,987 | $60,783,246 | $43,153,259 | 5,702 |
| 1937 | 25 | 2,401 | 2,966,585 | 16,888,408 | 56,721,746 | 39,833,338 | (5) |
| 1935 | 26 | 2,315 | 2,416,923 | 14,985,333 | 47,766,180 | 32,780,847 | (5) |
| 1933 | 31 | 2,252 | 2,231,693 | 12,599,010 | 41,654,480 | 29,055,470 | (5) |
| 1931 | 35 | 2,147 | 2,463,910 | 16,824,097 | 51,339,706 | 34,515,609 | (5) |
| 1929 | 37 | 2,265 | 2,732,946 | 23,231,172 | 60,160,126 | 36,928,954 | 3,874 |
| 1927 | 40 | 2,524 | 2,727,236 | 27,167,504 | 62,001,320 | 34,833,816 | 3,992 |
| 1925 | 41 | 2,180 | 2,537,509 | 17,968,033 | 47,838,150 | 29,870,117 | 3,048 |
| 1923 | 45 | 2,052 | 2,233,473 | 15,487,188 | 40,870,914 | 25,383,726 | 2,220 |
| 1921 | 50 | 1,994 | 2,148,675 | 19,908,185 | 38,864,925 | 18,956,740 | (5) |
| 1919 | 62 | 3,190 | 2,679,803 | 25,202,312 | 51,240,156 | 26,037,844 | 2,599 |
| 1914 [7] | 74 | 2,048 | 828,467 | 7,322,299 | 17,159,607 | 9,837,308 | 1,419 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for contract work included in 1937 only.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.
[7] No comparable data available for census years prior to 1914.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Ohio | Pennsylvania | Other States [1] |
|---|---|---|---|---|
| Number of establishments [2] | 27 | 4 | 3 | 20 |
| Proprietors and firm members | 3 | 1 | ---------- | 2 |
| Persons reported by manufacturing establishments [2] | 3,693 | 74 | 491 | 3,127 |
| Salaried officers of corporations [3] | 38 | 3 | 9 | 26 |
| Manufacturing: | | | | |
| Salaried employees [3] | 316 | 7 | 29 | 280 |
| Wage earners (average for the year) [4] | 2,627 | 52 | 242 | 2,332 |
| Distribution | 653 | 12 | 204 | 437 |
| Construction | 7 | ---------- | 7 | ---------- |
| Other | 52 | ---------- | ---------- | 52 |
| Salaries and wages, total [3] | $5,436,916 | $74,590 | $675,683 | $4,686,643 |
| Salaried officers [3] | 358,436 | $5,626 | 76,459 | 276,351 |
| Manufacturing: | | | | |
| Salaries [3] | 677,851 | 10,076 | 62,319 | 605,456 |
| Wages | 3,285,748 | 36,848 | 232,273 | 3,016,627 |
| Distribution | 1,012,933 | 22,040 | 286,223 | 704,670 |
| Construction | 18,409 | ---------- | 18,409 | ---------- |
| Other | 83,539 | ---------- | ---------- | 83,539 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 17,629,987 | 131,900 | 1,472,074 | 16,026,013 |
| Materials, supplies, and containers | 17,403,131 | 126,209 | 1,435,740 | 15,841,182 |
| Fuel | 126,949 | 2,473 | 17,270 | 107,206 |
| Purchased electric energy | 99,907 | 3,218 | 19,064 | 77,625 |
| Contract work | ---------- | ---------- | ---------- | ---------- |
| Value of products | 60,783,246 | 259,217 | 3,376,463 | 57,147,566 |
| Value added by manufacture [5] | 43,153,259 | 127,317 | 1,904,389 | 41,121,553 |

[1] California, 1 establishment; Illinois, 2; Massachusetts, 2; Michigan, 2; Missouri, 1; New Jersey, 2; New York, 9; Tennessee, 1.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, and purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929, AND BY STATES, 1939

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Chewing Gum industry, all products, total value | $60,783,246 | $56,721,746 | $60,160,126 |
| Chewing gum, not medicated | 58,291,159 | 54,084,494 | 57,229,918 |
| Other products, not classified in the industry | [1] 2,056,292 | 2,637,252 | 2,930,208 |
| Miscellaneous products, including scrap and salable refuse | 435,795 | | |
| Chewing gum, not medicated, aggregate value | 59,261,778 | 54,633,498 | 58,558,970 |
| Chewing gum, not medicated, made in the industry | 58,291,159 | 54,084,494 | 57,229,918 |
| Chewing gum, not medicated, made as a secondary product in other industries | 970,619 | 549,004 | 1,329,052 |

| | 1939 |
|---|---|
| Chewing gum, not medicated, total value | $59,261,778 |
| Ohio | 258,158 |
| Pennsylvania | 3,376,463 |
| Other States, (Calif., Conn., Ill., Md., Mass., Mich., Mo., N. J., N. Y., N. C., and Tenn.) | 55,627,157 |

[1] Includes medicated chewing gum, confectionery, and candies.

TABLE 4.—PRINCIPAL MATERIALS CONSUMED, BY KIND, QUANTITY, AND COST: 1939, 1937, AND 1929

The difference between the sum of the costs of the several kinds of materials shown in this table and the total cost of materials as given in table 1 is due to the fact that this table covers only certain specified materials, whereas table 1 covers the cost of all materials and containers used]

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Sugar: | | | |
| Total pounds | 63,133,566 | 59,520,509 | 60,707,949 |
| Total cost | $2,861,989 | $2,772,009 | $3,089,565 |
| Beet— | | | |
| Pounds | 904,646 | (1) | (1) |
| Cost | $41,046 | | |
| Cane— | | | |
| Pounds | 60,790,644 | | |
| Cost | $2,770,132 | | |
| Corn— | | | |
| Pounds | 1,438,276 | | |
| Cost | $50,811 | | |
| Corn sirup: | | | |
| Pounds | 16,453,369 | 16,576,778 | 17,229,007 |
| Cost | $428,148 | $567,964 | $609,213 |
| Chicle: [2] | | | |
| Pounds | 8,568,267 | [3] 8,751,536 | 9,617,325 |
| Cost | $4,137,288 | [3] $3,335,257 | $6,720,039 |
| Crude gum: [2] | | | |
| Pounds | 11,468,663 | [3] 10,455,796 | 10,686,006 |
| Cost | $2,462,152 | [3] $2,293,484 | $3,711,667 |
| Essential oils, cost | $1,289,583 | $1,271,579 | $1,590,217 |
| Flavoring extracts, cost | $116,491 | | $285,023 |

[1] No data.
[2] Not including data for small amounts of chicle and crude gum used in the manufacture of chewing gum made as a secondary product in the "Candy and other confectionery products" industry.
[3] Revised.

TABLE 5.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 2,627 | 2,446 | 2,512 | 2,597 | 2,622 | 2,704 | 2,712 | 2,656 | 2,749 | 2,738 | 2,671 | 2,632 | 2,483 |
| 1937 | 2,401 | 2,190 | 2,213 | 2,296 | 2,305 | 2,394 | 2,393 | 2,485 | 2,608 | 2,564 | 2,507 | 2,444 | 2,412 |
| 1929 | 2,265 | 2,042 | 2,052 | 2,100 | 2,154 | 2,401 | 2,372 | 2,342 | 2,348 | 2,388 | 2,412 | 2,320 | 2,249 |
| New York | 1,388 | 1,307 | 1,320 | 1,395 | 1,353 | 1,388 | 1,429 | 1,334 | 1,378 | 1,451 | 1,488 | 1,448 | 1,361 |
| Ohio | 52 | 52 | 58 | 64 | 63 | 62 | 64 | 49 | 49 | 49 | 48 | 36 | 36 |
| Pennsylvania | 242 | 204 | 255 | 248 | 278 | 262 | 217 | 247 | 249 | 247 | 224 | 255 | 220 |

TABLE 6.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 27 |
| Reporting expenditures for plant and equipment | 19 |
| Value of products: | |
| Total for the industry | $60,783,246 |
| Reporting expenditures for plant and equipment | 60,380,841 |
| Expenditures for plant and equipment: | |
| Total for the industry | 679,696 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 155,758 |
| Expenditures for new machinery and operating equipment | 511,368 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 12,570 |

TABLE 7.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $13,400,494 | $11,895,281 |
| Finished products | 822,952 | 696,305 |
| Materials, supplies, etc | 12,577,542 | 11,198,976 |
| End of year, total | 16,595,398 | 13,612,127 |
| Finished products | 926,892 | 1,122,445 |
| Materials, supplies, etc | 15,668,506 | 12,489,682 |
| Value of products for the industry, total | 60,783,246 | 56,721,746 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 60,783,246 | 56,721,746 |
| Value for establishments not reporting inventories | ---------- | ---------- |

TABLE 8.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 27 | 37 |
| Number of establishments reporting power equipment | 26 | 35 |
| Prime movers, aggregate: | | |
| Number | 22 | 23 |
| Horsepower | 5,702 | 3,874 |
| Prime movers, driving generators, total— | | |
| Number | 7 | [1] 23 |
| Horsepower | 3,200 | [1] 3,874 |
| Steam engines— | | |
| Number | 3 | [1] 22 |
| Horsepower | 2,000 | [1] 3,794 |
| Steam turbines— | | |
| Number | 4 | [1] 1 |
| Horsepower | 1,200 | [1] 80 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 810 | |
| Prime movers not driving generators, total— | | |
| Number | 15 | |
| Horsepower | 2,502 | |
| Steam engines— | | |
| Number | 13 | (2) |
| Horsepower | 2,302 | |
| Diesel and semi-Diesel engines— | | |
| Number | 2 | |
| Horsepower | 200 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 300 | |
| Generators, kilowatt rating, total | 2,228 | 1,022 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 1,428 | (2) |
| Steam turbines, kilowatt rating | 800 | (2) |
| Generators, ordinarily idle (included above), kilowatt rating | 578 | (2) |
| Electric motors, total: | | |
| Number | 2,993 | 1,825 |
| Horsepower | 11,204 | 8,305 |
| Driven by purchased energy— | | |
| Number | 1,631 | 1,516 |
| Horsepower | 6,527 | 6,476 |
| Driven by energy generated in establishments reporting— | | |
| Number | 1,362 | 309 |
| Horsepower | 4,677 | 1,829 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 4,455,407 | (3) |
| Sold | 408,766 | (3) |
| Purchased | 6,957,075 | 5,859,320 |

[1] Includes data for prime movers not driving generators.
[2] Not called for on schedule.
[3] Data not available.

# NONALCOHOLIC BEVERAGES

[A preliminary report for this industry was issued December 19, 1940]

**Description of the industry.**—This industry, as constituted for Manufactures Census purposes, embraces establishments primarily engaged in the manufacture of nonalcoholic beverages, whether carbonated or not, such as root beer, ginger ale, and carbonated mineral waters. It does not include the production of grape and other fruit and vegetable juices, which are classified in the "Canned and dried fruits and vegetables (including canned soups)" industry. Establishments engaged merely in bottling natural waters or purchased manufactured beverages, without mixing or other processing, do not come within the scope of the census. Producers of cider are classified in the "Vinegar and cider" industry, and manufacturers of sirups and extracts, including those for use in the preparation of beverages, are assigned to the "Flavoring extracts and flavoring sirups, not elsewhere classified" industry. In general, this report does not include data for establishments manufacturing fruit beverages and selling them at retail, although some of the establishments in the industry sell part of their products at retail.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1921 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 4,504 | 21,265 | $20,344,719 | $153,935,249 | $365,778,930 | $211,843,681 | 4,733 |
| 1937 | 3,920 | 27,979 | 30,981,318 | 112,380,433 | 276,779,080 | 164,398,647 | (5) |
| 1935 | 3,175 | 16,778 | 17,343,439 | 62,093,535 | 159,297,597 | 97,204,062 | (6) |
| 1933 | 2,903 | 15,123 | 14,196,713 | 41,872,760 | 111,297,233 | 69,424,473 | (5) |
| 1931 | 4,250 | 23,905 | 30,082,019 | 76,045,292 | 212,566,917 | 136,521,625 | (5) |
| 1929 | 5,154 | 28,281 | 38,314,414 | 103,026,180 | 270,323,803 | 167,297,623 | 67,960 |
| 1927 | 4,769 | 26,972 | 36,100,934 | 95,430,198 | 242,694,456 | 147,264,258 | 75,495 |
| 1925 | 4,210 | 27,384 | 36,053,279 | 98,466,054 | 237,760,741 | 139,294,687 | 102,412 |
| 1923 | 4,514 | 29,274 | 37,689,110 | 99,572,199 | 228,729,867 | 129,157,668 | 132,256 |
| 1921 [7] | 3,867 | 33,202 | 45,651,969 | 116,102,037 | 237,627,791 | 121,525,754 | (5) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include the cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by maufacture.
[5] Not called for on schedule.
[6] Data not available.
[7] The figures for 1921 are the sums of the corresponding items for the "Mineral and soda waters" and "Liquors, malt" industries, as published in the report for that year. (The establishments classified in the last-named industry were engaged almost wholly in the production of cereal beverages in 1921.)

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

| ITEM | United States | Alabama | Arizona | Arkansas | California | Colorado | Connecticut | Delaware | District of Columbia | Florida |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 4,504 | 90 | 24 | 73 | 166 | 41 | 82 | 11 | 13 | 122 |
| Proprietors and firm members | 3,530 | 109 | 22 | 51 | 151 | 43 | 64 | 6 | 4 | 76 |
| Persons reported by manufacturing establishments, total [2] | 54,994 | 1,277 | 232 | 782 | 2,422 | 386 | 582 | 121 | 436 | 1,404 |
| Salaried officers of corporations [2] | 2,827 | 33 | 7 | 33 | 74 | 25 | 59 | 9 | 17 | 84 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 4,739 | 112 | 21 | 76 | 197 | 34 | 45 | 10 | 35 | 113 |
| Wage earners (average for the year) [2] | 21,265 | 452 | 90 | 338 | 879 | 174 | 227 | 45 | 142 | 494 |
| Distribution | 25,357 | 659 | 113 | 325 | 1,250 | 153 | 243 | 57 | 241 | 688 |
| Construction | 210 | 2 | ---------- | 6 | 2 | ---------- | 2 | ---------- | 1 | 3 |
| Other | 596 | 19 | 1 | 4 | 20 | ---------- | 6 | ---------- | ---------- | 23 |
| Salaries and wages, total [2] | $76,831,849 | $1,491,707 | $271,399 | $1,005,275 | $4,453,525 | $469,245 | $771,436 | $174,964 | $716,173 | $1,840,211 |
| Salaried officers [2] | 11,862,603 | 127,222 | 33,872 | 159,873 | 431,309 | 62,799 | 169,672 | 33,910 | 70,640 | 351,900 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 7,446,711 | 202,438 | 30,177 | 160,528 | 349,767 | 49,905 | 53,431 | 16,256 | 73,010 | 175,318 |
| Wages | 20,344,719 | 337,534 | 79,458 | 253,651 | 1,116,271 | 137,794 | 221,238 | 45,087 | 135,843 | 388,900 |
| Distribution | 36,120,502 | 793,440 | 127,013 | 420,223 | 2,503,373 | 218,747 | 319,579 | 79,711 | 431,638 | 889,279 |
| Construction | 271,425 | 10,196 | ---------- | 5,912 | 3,480 | ---------- | ---------- | ---------- | 3,042 | 2,227 |
| Other | 785,889 | 20.877 | 879 | 5,088 | 49,325 | ---------- | 7,516 | ---------- | 2,000 | 32,523 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 153,935,249 | 3,559,195 | 553,646 | 2,226,815 | 7,649,640 | 982,716 | 1,420,028 | 278,271 | 1,122,887 | 4,121,191 |
| Materials, supplies, and containers | 149,677,814 | 3,483,178 | 536,571 | 2,159,676 | 7,490,353 | 953,567 | 1,361,757 | 268,216 | 1,102,836 | 3,994,926 |
| Fuel | 1,500,842 | 21,013 | 5,259 | 21,609 | 46,231 | 13,594 | 28,442 | 4,666 | 9,886 | 27,810 |
| Purchased electric energy | 2,632,748 | 55,004 | 11,816 | 44,920 | 106,178 | 15,555 | 29,829 | 5,089 | 10,165 | 92,799 |
| Contract work | 123,845 | ---------- | ---------- | 610 | 6,878 | ---------- | ---------- | 300 | ---------- | 5,656 |
| Value of products | 365,778,930 | 8,092,866 | 1,326,415 | 5,632,283 | 19,185,311 | 2,186,671 | 3,459,866 | 718,156 | 2,906,069 | 9,270,755 |
| Value added by manufacture [4] | 211,843,681 | 4,533,671 | 772,769 | 3,405,468 | 11,535,671 | 1,203,955 | 2,039,838 | 439,885 | 1,783,182 | 5,149,564 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Georgia | Idaho | Illinois | Indiana | Iowa | Kansas | Kentucky | Louisiana | Maine | Maryland |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 138 | 19 | 259 | 115 | 89 | 76 | 86 | 65 | 42 | 57 |
| Proprietors and firm members | 84 | 12 | 257 | 80 | 102 | 69 | 53 | 41 | 28 | 46 |
| Persons reported by manufacturing establishments, total [2] | 1,984 | 116 | 3,415 | 1,676 | 911 | 583 | 1,142 | 1,548 | 292 | 952 |
| Salaried officers of corporations [2] | 140 | 6 | 142 | 103 | 35 | 36 | 73 | 50 | 11 | 35 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 156 | 20 | 247 | 154 | 110 | 56 | 113 | 135 | 43 | 80 |
| Wage earners (average for the year) [3] | 726 | 45 | 1,475 | 592 | 320 | 238 | 401 | 614 | 107 | 386 |
| Distribution | 950 | 41 | 1,528 | 801 | 436 | 247 | 543 | 715 | 131 | 446 |
| Construction | 3 | 4 | 8 | 6 | 2 | 2 | 2 | 15 | ---------- | 1 |
| Other | 9 | ---------- | 15 | 20 | 8 | 4 | 10 | 19 | ---------- | 4 |
| Salaries and wages, total [2] | $2,503,565 | $132,762 | $4,684,739 | $2,707,561 | $1,144,447 | $676,241 | $1,522,547 | $2,083,874 | $367,374 | $1,438,300 |
| Salaried officers [2] | 527,293 | 14,500 | 608,521 | 699,045 | 113,604 | 117,824 | 290,724 | 398,476 | 44,554 | 232,586 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 256,113 | 21,990 | 366,647 | 240,264 | 150,505 | 69,043 | 163,610 | 182,468 | 63,638 | 146,944 |
| Wages | 532,689 | 39,642 | 1,228,947 | 572,354 | 277,041 | 184,258 | 348,516 | 440,230 | 92,195 | 345,641 |
| Distribution | 1,161,414 | 56,509 | 2,447,104 | 1,159,028 | 595,806 | 299,975 | 712,838 | 1,033,602 | 166,663 | 703,759 |
| Construction | 9,025 | 121 | 17,957 | 11,655 | 1,760 | 346 | 1,265 | 3,922 | ---------- | 1,170 |
| Other | 17,031 | ---------- | 15,563 | 25,215 | 5,731 | 4,795 | 5,594 | 25,176 | 324 | 8,200 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 5,784,920 | 323,617 | 9,262,298 | 5,322,254 | 2,261,492 | 1,541,724 | 3,462,426 | 4,563,523 | 574,383 | 2,686,791 |
| Materials, supplies, and containers | 5,652,391 | 313,991 | 8,948,273 | 5,204,511 | 2,183,432 | 1,492,851 | 3,392,196 | 4,469,911 | 553,499 | 2,622,462 |
| Fuel | 35,728 | 4,312 | 99,186 | 46,290 | 33,240 | 18,703 | 22,237 | 18,876 | 11,550 | 27,584 |
| Purchased electric energy | 95,901 | 5,230 | 175,138 | 70,955 | 44,820 | 30,170 | 47,293 | 70,033 | 9,334 | 34,408 |
| Contract work | 900 | 84 | 39,701 | 498 | ---------- | ---------- | 700 | 4,703 | ---------- | 2,337 |
| Value of products | 14,272,557 | 721,002 | 22,469,801 | 11,981,898 | 5,533,605 | 3,540,274 | 8,348,418 | 11,013,503 | 1,346,756 | 5,956,722 |
| Value added by manufacture [4] | 8,487,637 | 397,385 | 13,207,503 | 6,659,644 | 3,272,113 | 1,998,550 | 4,885,992 | 6,449,980 | 772,373 | 3,269,931 |

| ITEM | Massachusetts | Michigan | Minnesota | Mississippi | Missouri | Montana | Nebraska | Nevada | New Hampshire | New Jersey |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 162 | 115 | 91 | 89 | 138 | 29 | 49 | 8 | 24 | 153 |
| Proprietors and firm members | 114 | 109 | 92 | 80 | 94 | 24 | 43 | 5 | 20 | 95 |
| Persons reported by manufacturing establishments, total [2] | 1,963 | 1,583 | 943 | 1,031 | 2,115 | 162 | 400 | 69 | 159 | 1,853 |
| Salaried officers of corporations [2] | 89 | 67 | 53 | 71 | 111 | 8 | 20 | 5 | 5 | 108 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 227 | 134 | 64 | 89 | 196 | 32 | 36 | 6 | 18 | 170 |
| Wage earners (average for the year) [3] | 885 | 617 | 389 | 397 | 704 | 60 | 134 | 23 | 74 | 777 |
| Distribution | 747 | 752 | 430 | 451 | 1,055 | 60 | 196 | 34 | 60 | 738 |
| Construction | 2 | 3 | 1 | 17 | 12 | ---------- | 12 | 1 | ---------- | 40 |
| Other | 13 | 10 | 6 | 6 | 37 | 2 | 2 | ---------- | 2 | 20 |
| Salaries and wages, total [2] | $2,807,837 | $2,486,744 | $1,295,046 | $1,252,498 | $2,840,620 | $199,689 | $466,669 | $94,840 | $168,882 | $3,028,409 |
| Salaried officers [2] | 350,295 | 353,281 | 169,451 | 267,685 | 475,480 | 21,600 | 49,970 | 12,131 | 16,554 | 424,524 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 349,854 | 209,294 | 90,964 | 118,375 | 285,251 | 38,614 | 49,490 | 9,806 | 20,401 | 328,608 |
| Wages | 936,919 | 716,034 | 404,048 | 298,798 | 675,368 | 59,781 | 106,853 | 24,447 | 58,565 | 999,922 |
| Distribution | 1,143,974 | 1,190,160 | 618,615 | 527,553 | 1,352,511 | 72,277 | 256,465 | 47,097 | 73,162 | 1,178,925 |
| Construction | 2,281 | 3,156 | 1,716 | 13,035 | 19,303 | ---------- | 2,691 | 1,359 | ---------- | 64,217 |
| Other | 24,514 | 14,819 | 10,252 | 27,052 | 32,707 | 7,417 | 1,200 | ---------- | 200 | 32,213 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 4,299,223 | 5,231,833 | 2,576,985 | 3,065,873 | 5,345,007 | 432,467 | 989,384 | 154,307 | 325,725 | 4,458,455 |
| Materials, supplies, and containers | 4,133,799 | 5,102,335 | 2,490,852 | 2,983,112 | 5,195,727 | 415,856 | 955,718 | 148,567 | 311,567 | 4,282,974 |
| Fuel | 73,225 | 52,940 | 41,819 | 21,135 | 50,494 | 7,182 | 13,859 | 1,828 | 6,945 | 66,952 |
| Purchased electric energy | 89,774 | 76,558 | 44,314 | 61,543 | 89,504 | 9,429 | 19,657 | 3,912 | 7,213 | 98,463 |
| Contract work | 2,425 | ---------- | ---------- | 83 | 9,282 | ---------- | 150 | ---------- | ---------- | 10,066 |
| Value of products | 11,410,612 | 11,667,327 | 5,404,559 | 7,387,434 | 12,858,113 | 975,574 | 2,355,502 | 365,498 | 748,894 | 10,884,923 |
| Value added by manufacture [4] | 7,111,389 | 6,435,494 | 2,827,574 | 4,321,561 | 7,513,106 | 543,107 | 1,366,118 | 211,191 | 423,169 | 6,426,468 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | New Mexico | New York | North Carolina | North Dakota | Ohio | Oklahoma | Oregon | Pennsylvania | Rhode Island | South Carolina |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 27 | 329 | 154 | 17 | 193 | 89 | 32 | 314 | 28 | 77 |
| Proprietors and firm members | 21 | 243 | 91 | 10 | 142 | 69 | 26 | 318 | 28 | 42 |
| Persons reported by manufacturing establishments, total [2] | 196 | 3,649 | 2,364 | 163 | 2,701 | 938 | 251 | 3,315 | 349 | 996 |
| Salaried officers of corporations [2] | 14 | 222 | 154 | 12 | 114 | 46 | 9 | 105 | 20 | 105 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 24 | 270 | 188 | 21 | 175 | 95 | 23 | 291 | 33 | 89 |
| Wage earners (average for the year) [3] | 73 | 1,745 | 797 | 51 | 1,038 | 329 | 94 | 1,343 | 115 | 359 |
| Distribution | 81 | 1,362 | 1,190 | 75 | 1,355 | 445 | 120 | 1,536 | 164 | 423 |
| Construction | ---------- | 6 | 8 | ---------- | 2 | ---------- | ---------- | 13 | ---------- | 6 |
| Other | 4 | 44 | 27 | 4 | 17 | 23 | 5 | 27 | 17 | 14 |
| Salaries and wages, total [2] | $254,450 | $5,486,313 | $3,238,001 | $208,834 | $4,090,177 | $1,119,179 | $363,010 | $4,702,096 | $462,064 | $1,318,727 |
| Salaried officers [2] | 52,168 | 596,984 | 688,237 | 43,925 | 529,913 | 178,531 | 19,450 | 512,604 | 53,203 | 399,893 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 33,298 | 450,576 | 319,302 | 27,560 | 291,190 | 133,688 | 28,552 | 431,212 | 46,060 | 134,438 |
| Wages | 63,432 | 2,226,501 | 675,631 | 42,767 | 1,158,848 | 239,045 | 130,161 | 1,378,544 | 102,429 | 262,725 |
| Distribution | 100,418 | 2,148,239 | 1,511,204 | 92,635 | 2,085,296 | 547,786 | 179,577 | 2,325,593 | 244,526 | 499,644 |
| Construction | ---------- | 9,573 | 9,052 | ---------- | 11,241 | ---------- | ---------- | 18,022 | ---------- | 7,682 |
| Other | 5,134 | 54,440 | 34,575 | 1,947 | 13,689 | 20,129 | 5,270 | 36,121 | 15,846 | 14,345 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 511,668 | 11,418,930 | 7,459,099 | 427,914 | 7,927,624 | 2,530,209 | 766,089 | 9,207,467 | 730,860 | 3,043,552 |
| Materials, supplies, and containers | 494,763 | 11,026,766 | 7,304,811 | 412,216 | 7,726,957 | 2,448,557 | 746,295 | 8,954,751 | 705,331 | 2,968,513 |
| Fuel | 5,115 | 145,061 | 49,118 | 6,036 | 79,967 | 19,031 | 7,542 | 92,885 | 12,463 | 29,864 |
| Purchased electric energy | 11,790 | 241,840 | 101,220 | 9,662 | 120,700 | 46,214 | 12,252 | 157,981 | 12,866 | 45,175 |
| Contract work | ---------- | 5,263 | 3,950 | ---------- | ---------- | 16,407 | ---------- | 1,850 | 200 | ---------- |
| Value of products | 1,208,823 | 25,963,786 | 17,317,174 | 1,021,291 | 19,263,887 | 5,885,053 | 1,707,775 | 21,445,271 | 1,657,350 | 7,279,021 |
| Value added by manufacture [4] | 697,155 | 14,544,856 | 9,858,075 | 593,377 | 11,336,263 | 3,354,844 | 941,686 | 12,237,804 | 926,490 | 4,235,469 |

| ITEM | South Dakota | Tennessee | Texas | Utah | Vermont | Virginia | Washington | West Virginia | Wisconsin | Wyoming |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 19 | 98 | 307 | 22 | 12 | 106 | 35 | 67 | 140 | 12 |
| Proprietors and firm members | 14 | 55 | 235 | 15 | 8 | 53 | 26 | 37 | 113 | 10 |
| Persons reported by manufacturing establishments, total [2] | 153 | 1,541 | 4,115 | 184 | 65 | 1,332 | 300 | 676 | 1,092 | 72 |
| Salaried officers of corporations [2] | 11 | 88 | 174 | 12 | 10 | 70 | 19 | 40 | 80 | 13 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 19 | 140 | 271 | 30 | 7 | 126 | 19 | 70 | 109 | 11 |
| Wage earners (average for the year) [3] | 56 | 610 | 1,431 | 60 | 29 | 473 | 99 | 249 | 484 | 22 |
| Distribution | 67 | 692 | 2,131 | 75 | 19 | 644 | 162 | 300 | 400 | 26 |
| Construction | ---------- | 1 | 9 | 1 | ---------- | 5 | ---------- | ---------- | 12 | ---------- |
| Other | ---------- | 10 | 99 | 6 | ---------- | 14 | 1 | 17 | 7 | ---------- |
| Salaries and wages, total [2] | $198,827 | $1,977,924 | $5,118,494 | $243,649 | $68,323 | $1,882,370 | $567,899 | $863,779 | $1,488,622 | $82,532 |
| Salaried officers [2] | 58,230 | 421,165 | 722,087 | 40,539 | 16,595 | 376,354 | 63,353 | 134,385 | 305,963 | 19,720 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 21,237 | 231,592 | 446,566 | 36,482 | 6,036 | 246,777 | 29,053 | 108,594 | 139,650 | 12,144 |
| Wages | 48,153 | 522,175 | 1,097,278 | 46,348 | 20,453 | 388,006 | 158,812 | 234,807 | 470,317 | 20,203 |
| Distribution | 71,207 | 787,173 | 2,701,256 | 117,180 | 25,239 | 847,897 | 314,001 | 361,585 | 549,141 | 30,465 |
| Construction | ---------- | 2,500 | 14,844 | 1,000 | ---------- | 5,243 | ---------- | 335 | 12,097 | ---------- |
| Other | ---------- | 13,319 | 136,463 | 2,100 | ---------- | 18,093 | 2,680 | 24,073 | 11,454 | ---------- |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 436,847 | 4,475,333 | 10,081,247 | 437,095 | 133,248 | 4,205,741 | 921,902 | 1,733,805 | 2,748,540 | 161,003 |
| Materials, supplies, and containers | 420,003 | 4,392,572 | 9,822,796 | 423,616 | 126,360 | 4,115,640 | 894,470 | 1,688,272 | 2,645,652 | 154,369 |
| Fuel | 7,977 | 26,437 | 69,899 | 5,693 | 3,208 | 32,074 | 9,219 | 13,874 | 50,332 | 2,452 |
| Purchased electric energy | 8,867 | 53,479 | 180,045 | 7,786 | 3,680 | 57,577 | 18,213 | 31,659 | 52,556 | 4,182 |
| Contract work | ---------- | 2,845 | 8,507 | ---------- | ---------- | 450 | ---------- | ---------- | ---------- | ---------- |
| Value of products | 928,046 | 10,746,804 | 24,459,290 | 1,020,886 | 311,721 | 9,766,402 | 2,168,584 | 4,173,025 | 7,055,140 | 378,237 |
| Value added by manufacture [4] | 491,199 | 6,271,471 | 14,378,043 | 583,791 | 178,473 | 5,560,661 | 1,246,682 | 2,439,220 | 4,306,600 | 217,234 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Nonalcoholic Beverages industry, all products, total value | $365,778,930 | $276,779,080 | $270,323,803 |
| Carbonated, cereal, and still beverages (not including fruit juices) | 360,102,576 | 275,174,835 | 255,562,534 |
| Miscellaneous products | 1,462,583 | 1,604,245 | [1] 14,761,269 |
| Receipts for contract work | 69,741 | | |
| Other products (not classified in this industry) | [2] 848,926 | | |
| Merchandise (goods bought and sold without processing) | 3,295,104 | | |
| Nonalcoholic beverages, total value | 363,284,098 | 279,676,052 | 260,281,728 |
| Nonalcoholic beverages made in the industry | 360,102,576 | 275,174,835 | 255,562,534 |
| Nonalcoholic beverages made as secondary products in other industries | 3,181,522 | 4,501,217 | 4,719,194 |

[1] Figures include data for grape juice made by establishments engaged primarily in this line of manufacture and, therefore, are not comparable with the corresponding figures for 1937 and 1939, which do not include such data. (Grape juice was formerly treated as a primary product of this industry, but since 1933 has been classified, with other fruit juices, in the "Canned and dried fruits and vegetables (including canned soups)" industry.)
[2] Value of grape juice, cider, ice cream and ices, and ice.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| PRODUCT | 1939 | | | 1937 | 1929 |
|---|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | | |
| Total value | $360,102,576 | $3,181,522 | $363,284,098 | $279,676,052 | $260,281,728 |
| Carbonated beverages, total value | $355,838,713 | $1,564,392 | $357,403,105 | $275,530,357 | $210,210,938 |
| Bottled beverages: | | | | | |
| Total cases | 470,701,509 | 2,061,608 | 472,763,117 | 354,478,839 | (1) |
| Cases of— | | | | | |
| *24 bottles to case—* | | | | | |
| 6- and 7-ounce bottles | 269,768,871 | 1,603,323 | 271,372,194 | 226,680,272 | (1) |
| 8-, 9-, and 10-ounce bottles | 20,262,700 | 10,000 | 20,272,700 | 22,492,022 | (1) |
| 12-ounce bottles | 117,483,578 | 13,800 | 117,497,378 | 51,232,326 | (1) |
| 16-ounce bottles | 4,225,753 | 430,885 | 4,656,638 | 3,452,700 | (1) |
| *12 bottles to case—* | | | | | |
| 24-ounce bottles and over | 58,960,607 | 3,600 | 58,964,207 | 50,621,519 | (1) |
| Total value | $352,622,520 | $1,564,392 | $354,186,912 | $271,722,992 | (1) |
| Bulk goods (barrels, siphons, tanks, etc.): | | | | | |
| Gallons | 10,879,064 | ---------- | 10,879,064 | 10,804,350 | (1) |
| Value | $3,216,193 | ---------- | $3,216,193 | $3,807,365 | (1) |
| Still beverages, total value | $4,263,863 | $23,949 | $4,287,812 | $3,085,679 | $4,111,300 |
| Bottled beverages: | | | | | |
| Total cases | 6,263,716 | 28,884 | 6,292,600 | 4,309,365 | (1) |
| Cases of— | | | | | |
| *24 bottles to case—* | | | | | |
| 6- and 7-ounce bottles | 3,053,321 | 28,884 | 3,082,205 | 2,252,103 | (1) |
| 8-, 9-, and 10-ounce bottles | 1,307,371 | ---------- | 1,307,371 | 830,214 | (1) |
| 12-ounce bottles | 886,428 | ---------- | 886,428 | 518,025 | (1) |
| 16-ounce bottles | 15,376 | ---------- | 15,376 | 4,174 | (1) |
| *12 bottles to case—* | | | | | |
| 24-ounce bottles and over | 1,001,220 | ---------- | 1,001,220 | 704,849 | (1) |
| Total value | $4,021,546 | $23,949 | $4,045,495 | $2,750,541 | (1) |
| Bulk goods (barrels, siphons, tanks, etc.): | | | | | |
| Gallons | 940,815 | ---------- | 940,815 | 1,221,685 | (1) |
| Value | $242,317 | ---------- | $242,317 | $335,138 | (1) |
| Cereal beverages: | | | | | |
| Gallons | ---------- | 4,885,755 | 4,885,755 | 2,579,510 | (1) |
| Value | ---------- | $1,593,181 | $1,593,181 | $1,060,016 | $45,959,490 |

[1] No data available.

TABLE 5.—PRODUCTION OF CARBONATED AND STILL BEVERAGES, BY QUANTITY AND VALUE, BY STATES: 1939

| STATE | Total cases | CASES OF BOTTLED BEVERAGES | | | | | Value | BULK GOODS | |
|---|---|---|---|---|---|---|---|---|---|
| | | 24 bottles to case | | | | 12 bottles to case, 24-ounce bottles and over | | Gallons | Value |
| | | 6- and 7-ounce bottles | 8-, 9-, and 10-ounce bottles | 12-ounce bottles | 16-ounce bottles | | | | |
| CARBONATED BEVERAGES | | | | | | | | | |
| United States | 472,763,117 | 271,372,194 | 20,272,700 | 117,497,378 | 4,656,638 | 58,964,207 | $354,186,912 | 10,879,064 | $3,216,193 |
| Alabama | 11,279,536 | 7,929,593 | 337,785 | 2,852,075 | 23,408 | 136,675 | 8,058,124 | (1) | (1) |
| Arizona | 1,700,483 | 849,648 | (1) | 620,774 | (1) | 108,404 | 1,289,459 | (1) | (1) |
| Arkansas | 6,976,244 | 5,348,986 | 343,876 | 1,239,233 | (1) | (1) | 5,413,921 | (1) | (1) |
| California | 23,092,238 | 12,771,522 | 1,527,035 | 4,015,969 | 64,971 | 4,712,741 | 17,911,733 | 1,504,321 | 474,642 |
| Colorado | 2,654,086 | 1,338,090 | 228,284 | 1,014,329 | (1) | (1) | 2,102,832 | (1) | (1) |
| Connecticut | 4,087,854 | 1,946,425 | 473,863 | 712,158 | 16,725 | 938,683 | 3,256,583 | 108,801 | 34,804 |
| Delaware | 990,245 | 556,939 | (1) | 98,614 | (1) | 94,608 | 705,823 | (1) | (1) |
| District of Columbia | 3,905,303 | (1) | 154,628 | 761,409 | (1) | 849,964 | 2,905,160 | | |
| Florida | 11,964,177 | 8,488,029 | (1) | 2,731,246 | (1) | 394,035 | 9,196,111 | (1) | (1) |
| Georgia | 18,219,163 | 13,885,624 | 279,709 | 3,626,754 | 150,030 | 277,046 | 14,186,809 | (1) | (1) |
| Idaho | 843,882 | 599,448 | (1) | 176,746 | | (1) | 670,629 | (1) | (1) |
| Illinois | 29,746,805 | 14,534,595 | 1,001,823 | 7,306,610 | 119,542 | 6,784,235 | 21,258,260 | 405,565 | 112,706 |
| Indiana | 15,571,053 | 10,240,400 | 614,765 | 4,151,688 | 95,771 | 468,429 | 11,599,655 | 218,108 | 112,195 |
| Iowa | 7,304,499 | 4,916,150 | (1) | 1,592,462 | (1) | 614,769 | 5,357,987 | 3,307 | 1,438 |
| Kansas | 4,655,108 | 3,163,600 | 287,232 | 1,131,189 | (1) | (1) | 3,442,570 | (1) | (1) |
| Kentucky | 10,635,824 | 7,015,400 | 403,566 | 2,364,264 | (1) | (1) | 8,177,363 | (1) | (1) |
| Louisiana | 14,361,837 | 10,556,940 | (1) | 2,594,935 | (1) | 729,683 | 10,893,057 | (1) | (1) |
| Maine | 1,619,867 | 1,041,869 | (1) | 317,907 | (1) | 248,993 | 1,249,530 | (1) | (1) |
| Maryland | 8,489,003 | 4,107,959 | 229,967 | 2,568,039 | 493,754 | 1,089,284 | 5,941,543 | (1) | (1) |
| Massachusetts | 14,362,950 | 4,314,736 | 1,369,282 | 1,916,596 | 269,541 | 6,492,795 | 10,950,895 | 485,797 | 117,887 |
| Michigan | 15,440,852 | 6,667,214 | 1,437,551 | 3,737,650 | 575,059 | 3,023,378 | 11,056,774 | 1,455,090 | 443,497 |
| Minnesota | 6,828,761 | 4,677,272 | (1) | 983,570 | (1) | 948,543 | 4,891,398 | 177,358 | 44,408 |
| Mississippi | 9,420,831 | 6,802,149 | 708,175 | 1,876,373 | (1) | (1) | 7,361,294 | | |
| Missouri | 16,464,824 | 10,448,357 | 391,674 | 4,301,663 | 48,825 | 1,274,305 | 12,515,879 | 73,057 | 22,678 |
| Montana | 1,188,877 | 927,433 | (1) | 179,221 | (1) | 59,000 | 960,737 | 15,251 | 6,388 |
| Nebraska | 3,186,119 | 2,110,696 | 208,812 | 556,113 | (1) | (1) | 2,388,742 | | |
| Nevada | 530,504 | 419,694 | (1) | 62,972 | | (1) | 376,345 | (1) | (1) |
| New Hampshire | 981,911 | 566,142 | 141,704 | 154,882 | (1) | (1) | 742,531 | (1) | (1) |
| New Jersey | 12,487,631 | 3,701,605 | (1) | 3,471,077 | (1) | 4,813,531 | 9,884,887 | 1,149,613 | 264,590 |
| New Mexico | 1,513,510 | 1,097,707 | 122,998 | 286,933 | (1) | (1) | 1,170,634 | (1) | (1) |
| New York | 37,469,599 | 13,803,522 | 1,867,571 | 12,510,108 | 192,394 | 9,096,004 | 24,854,311 | 1,694,351 | 439,206 |
| North Carolina | 21,925,738 | 14,380,317 | 504,723 | 6,909,183 | | 131,515 | 17,028,550 | (1) | (1) |
| North Dakota | 1,265,892 | 1,021,470 | 115,043 | 75,086 | | 54,293 | 975,372 | 905 | 404 |
| Ohio | 25,150,466 | 13,301,548 | 1,832,219 | 6,964,729 | 148,680 | 2,903,290 | 18,630,393 | 919,389 | 255,666 |
| Oklahoma | 7,525,406 | 4,759,574 | 440,670 | 2,190,229 | (1) | (1) | 5,854,919 | (1) | (1) |
| Oregon | 2,024,891 | 1,257,031 | | 511,524 | (1) | (1) | 1,607,357 | 32,740 | 8,148 |
| Pennsylvania | 28,940,118 | 11,315,784 | 813,965 | 9,884,673 | 263,795 | 6,661,901 | 20,840,463 | 693,100 | 207,774 |
| Rhode Island | 2,117,693 | (1) | 257,533 | 416,916 | (1) | 486,652 | 1,637,050 | 35,522 | 12,789 |
| South Carolina | 8,840,893 | 5,932,797 | 356,084 | 2,463,405 | (1) | (1) | 7,016,222 | (1) | (1) |
| South Dakota | 1,215,800 | 841,154 | 73,497 | 218,524 | (1) | (1) | 914,916 | | |
| Tennessee | 13,617,932 | 9,708,273 | 343,087 | 3,379,286 | 65,573 | 121,713 | 10,570,775 | | |
| Texas | 30,918,044 | 22,103,002 | 887,580 | 7,119,025 | 388,038 | 420,399 | 24,004,364 | (1) | (1) |
| Utah | 1,296,071 | 732,306 | (1) | 430,265 | (1) | 109,356 | 941,904 | (1) | (1) |
| Vermont | 405,434 | 207,194 | 71,203 | 49,075 | | 77,962 | 311,721 | | |
| Virginia | 12,170,642 | 8,136,648 | (1) | 3,313,333 | (1) | 327,333 | 9,533,262 | | |
| Washington | 2,631,075 | 1,376,037 | (1) | 713,999 | (1) | 466,881 | 2,109,371 | 99,513 | 38,132 |
| West Virginia | 5,348,074 | 3,748,890 | 223,136 | 1,217,016 | (1) | (1) | 4,099,891 | (1) | (1) |
| Wisconsin | 8,902,711 | 4,404,326 | (1) | 1,610,061 | (1) | 2,608,404 | 6,940,016 | 181,371 | 59,180 |
| Wyoming | 492,661 | 359,209 | | 117,490 | (1) | (1) | 398,790 | 13,203 | 5,247 |
| Undistributed | | 2,958,890 | 2,223,660 | | 1,740,532 | 1,439,403 | | 1,612,702 | 554,414 |
| STILL BEVERAGES | | | | | | | | | |
| United States | 6,292,600 | 3,082,205 | 1,307,371 | 886,428 | 15,376 | 1,001,220 | 4,045,495 | 940,815 | 242,317 |
| Alabama | (1) | | (1) | (1) | | | (1) | | |
| Arizona | 52,300 | 35,340 | (1) | (1) | | | 45,365 | | |
| Arkansas | 11,752 | (1) | (1) | | | | 8,656 | | |
| California | 868,844 | 517,963 | 140,141 | (1) | (1) | 167,185 | 576,719 | (1) | (1) |
| Colorado | 96,157 | 21,615 | | 74,542 | | | 65,348 | (1) | (1) |
| Connecticut | 149,125 | (1) | (1) | (1) | | 2,867 | 111,755 | (1) | (1) |
| Delaware | (1) | (1) | (1) | | | | (1) | | |
| District of Columbia | (1) | | | | | (1) | (1) | | |
| Florida | 36,238 | (1) | (1) | | | | 24,828 | (1) | (1) |
| Georgia | 29,400 | 29,400 | | | | | 25,320 | (1) | (1) |
| Idaho | 52,179 | (1) | | (1) | | | 41,710 | | |
| Illinois | 353,880 | 126,543 | 103,041 | (1) | | (1) | 204,998 | (1) | (1) |
| Indiana | 250,727 | 77,644 | (1) | 128,847 | | (1) | 179,784 | | |
| Iowa | 223,809 | 97,397 | 40,932 | 71,656 | | 13,824 | 158,516 | | |
| Kansas | 59,128 | (1) | (1) | 36,231 | | | 38,505 | (1) | (1) |
| Kentucky | (1) | (1) | (1) | (1) | | | (1) | | |
| Louisiana | (1) | (1) | (1) | | | | (1) | | |
| Maine | (1) | | | (1) | | | (1) | (1) | (1) |
| Maryland | (1) | (1) | (1) | | | (1) | (1) | | |
| Massachusetts | (1) | (1) | (1) | | (1) | (1) | (1) | (1) | (1) |
| Michigan | 150,166 | 57,679 | (1) | 64,577 | | (1) | 96,034 | (1) | (1) |
| Minnesota | 274,133 | 261,174 | (1) | (1) | | (1) | 180,743 | (1) | (1) |
| Mississippi | 49,812 | (1) | (1) | (1) | | | 32,851 | | |
| Missouri | (1) | (1) | | (1) | | (1) | (1) | (1) | (1) |
| Montana | (1) | (1) | | | | | (1) | | |

See footnote at end of table.

TABLE 5.—PRODUCTION OF CARBONATED AND STILL BEVERAGES, BY QUANTITY AND VALUE, BY STATES: 1939—Continued

| STATE | Total cases | CASES OF BOTTLED BEVERAGES | | | | | Value | BULK GOODS | |
|---|---|---|---|---|---|---|---|---|---|
| | | 24 bottles to case | | | | 12 bottles to case, 24-ounce bottles and over | | Gallons | Value |
| | | 6- and 7-ounce bottles | 8-, 9-, and 10-ounce bottles | 12-ounce bottles | 16-ounce bottles | | | | |
| STILL BEVERAGES—continued | | | | | | | | | |
| Nebraska | 60,131 | 21,220 | 13,653 | (1) | | (1) | $40,841 | | |
| Nevada | (1) | (1) | | | | | (1) | (1) | (1) |
| New Jersey | 263,776 | (1) | (1) | (1) | | (1) | 137,365 | | |
| New Mexico | (1) | (1) | (1) | | | | (1) | | |
| New York | 978,716 | 41,355 | 565,197 | (1) | | (1) | 537,389 | 70,034 | $18,863 |
| North Carolina | (1) | (1) | (1) | | | | (1) | | |
| North Dakota | (1) | (1) | (1) | | | | (1) | (1) | (1) |
| Ohio | 457,842 | 310,514 | 23,670 | 99,029 | (1) | (1) | 273,707 | (1) | (1) |
| Oklahoma | (1) | | (1) | | | | (1) | | |
| Oregon | (1) | | (1) | (1) | | | (1) | | |
| Pennsylvania | 243,219 | (1) | (1) | (1) | | 53,216 | 141,487 | (1) | (1) |
| Rhode Island | (1) | | | (1) | | (1) | (1) | (1) | (1) |
| South Carolina | (1) | (1) | | | | (1) | (1) | | |
| South Dakota | 21,589 | (1) | (1) | | | | 14,966 | | |
| Tennessee | (1) | (1) | | | | | (1) | | |
| Texas | 271,845 | 172,769 | 58,647 | 40,429 | | | 194,736 | (1) | (1) |
| Utah | 109,284 | 62,935 | | 42,099 | (1) | (1) | 68,828 | (1) | (1) |
| Virginia | 122,577 | 116,670 | (1) | | | (1) | 85,249 | | |
| Washington | (1) | (1) | | (1) | | | (1) | (1) | (1) |
| West Virginia | (1) | | | (1) | | | (1) | (1) | (1) |
| Wisconsin | 281,650 | 46,578 | (1) | (1) | | 222,297 | 204,680 | (1) | (1) |
| Wyoming | 13,756 | (1) | | (1) | | | 10,151 | | |
| Undistributed | 810,565 | 1,085,409 | 362,090 | 329,018 | 15,376 | 541,831 | 544,964 | 870,781 | 223,454 |

[1] Included in figures for "Undistributed" to avoid disclosing, exactly or approximately, data reported by individual establishments.

TABLE 6.—PRINCIPAL MATERIALS CONSUMED IN THE INDUSTRY, BY KIND, QUANTITY, AND COST: 1939, 1937, AND 1929

| | 1939 [1] | 1937 [2] | 1929 [3] |
|---|---|---|---|
| Flavoring extracts and flavoring sirups, cost | $82,060,367 | $53,700,675 | $14,404,578 |
| Sugar: | | | |
| Total pounds | 464,884,942 | 291,924,527 | 204,277,402 |
| Total cost | $22,437,831 | $14,321,279 | $11,121,418 |
| Beet— | | | |
| Pounds | 21,557,057 | 10,780,948 | (4) |
| Cost | $1,041,277 | $499,571 | (4) |
| Cane— | | | |
| Pounds | 437,652,202 | 278,856,575 | (4) |
| Cost | $21,137,864 | $13,717,967 | (4) |
| Corn— | | | |
| Pounds | 5,675,683 | 2,287,004 | (4) |
| Cost | $258,690 | $103,741 | (4) |
| Carbonic gas: | | | |
| 20-pound cylinders— | | | |
| Number | 105,177 | | |
| Cost | $238,258 | | |
| 50-pound cylinders— | | $3,711,456 | $2,765,682 |
| Number | 1,129,223 | | |
| Cost | $3,584,979 | | |
| "Dry ice" (solid carbon dioxide)— | | | |
| Pounds | 16,522,682 | (4) | (4) |
| Cost | $593,516 | (4) | (4) |
| Corn sirup: | | | |
| Pounds | 3,481,376 | 1,603,609 | 14,759,930 |
| Cost | $145,525 | $79,810 | $802,175 |
| Coloring (sugar, aniline, and vegetable), cost | $339,259 | $445,577 | $306,750 |
| Acids (citric, tartaric, and phosphoric), cost | $774,235 | $562,228 | $644,547 |
| Crowns, cost | $11,781,435 | $9,013,238 | (4) |
| Labels, cost | $1,761,936 | $2,156,224 | (4) |

[1] Detailed data reported by 4,358 establishments, whose value of products amounted to 98.1 percent of the total value of products for the industry.
[2] Detailed data reported by 3,472 establishments, whose value of products amounted to 92.7 percent of the total value of products for the industry.
[3] Detailed data reported by 3,048 establishments, whose value of products amounted to 76 percent of the total value of products for the industry.
[4] Data not available.

TABLE 7.—PRINCIPAL MATERIALS CONSUMED IN THE INDUSTRY BY KIND, QUANTITY, AND COST, BY STATES: 1939

| STATE | CARBONIC GAS | | | | DRY ICE | | SUGAR | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 20-pound cylinders | | 50-pound cylinders | | | | Total | | Beet | |
| | Number | Cost | Number | Cost | Pounds | Cost | Pounds | Cost | Pounds | Cost |
| United States | 105,177 | $238,258 | 1,129,223 | $3,584,979 | 16,522,682 | $593,516 | 464,884,942 | $22,437,831 | 21,557,057 | $1,041,277 |
| Alabama | (1) | (1) | 15,624 | 62,523 | 526,142 | 22,978 | 8,436,791 | 409,614 | (1) | (1) |
| Arizona | (1) | (1) | 3,439 | 12,922 | 85,527 | 4,508 | 1,898,160 | 98,315 | (1) | (1) |
| Arkansas | 712 | 1,894 | 14,104 | 49,637 | 193,840 | 6,136 | 4,848,859 | 237,636 | (1) | (1) |
| California | 3,112 | 6,408 | 39,450 | 110,667 | 1,900,112 | 72,365 | 22,842,021 | 1,120,107 | 1,559,163 | 74,045 |
| Colorado | 1,201 | 1,784 | 7,678 | 30,947 | (1) | (1) | 2,955,980 | 155,071 | (1) | (1) |
| Connecticut | 3,754 | 8,930 | 12,575 | 42,763 | 230,561 | 7,086 | 5,251,519 | 249,252 | (1) | (1) |
| Delaware | | | 2,016 | 6,634 | (1) | (1) | 778,651 | 36,914 | (1) | (1) |
| District of Columbia | (1) | (1) | 8,948 | 19,023 | 176,285 | 5,862 | 4,096,933 | 190,121 | | |
| Florida | 581 | 1,438 | 28,324 | 94,522 | | | 8,649,810 | 404,090 | (1) | (1) |
| Georgia | 534 | 1,211 | 35,611 | 121,581 | 319,571 | 13,395 | 10,584,951 | 513,220 | (1) | (1) |
| Idaho | (1) | (1) | 2,013 | 8,203 | (1) | (1) | 863,820 | 47,020 | (1) | (1) |
| Illinois | 13,929 | 29,923 | 52,868 | 152,209 | 2,313,677 | 82,430 | 35,982,667 | 1,763,745 | 2,070,485 | 102,488 |
| Indiana | 3,362 | 6,785 | 40,290 | 128,127 | 152,532 | 4,837 | 12,348,964 | 610,261 | 82,272 | 3,978 |
| Iowa | 1,511 | 3,599 | 15,101 | 57,501 | 227,059 | 7,532 | 7,137,977 | 349,750 | 1,884,193 | 88,852 |
| Kansas | 2,030 | 4,824 | 10,842 | 46,133 | (1) | (1) | 4,204,834 | 209,449 | 132,960 | 6,723 |
| Kentucky | (1) | (1) | 24,273 | 78,832 | 124,825 | 4,160 | 9,485,626 | 449,670 | (1) | (1) |
| Louisiana | (1) | (1) | 27,419 | 79,149 | 288,278 | 11,130 | 10,040,016 | 460,742 | | |
| Maine | 517 | 1,190 | 4,017 | 14,823 | (1) | (1) | 1,747,952 | 85,468 | (1) | (1) |
| Maryland | 1,173 | 2,025 | 20,647 | 55,661 | 256,093 | 7,123 | 8,910,608 | 411,122 | (1) | (1) |
| Massachusetts | 5,186 | 10,737 | 50,350 | 143,256 | 725,246 | 46,238 | 21,523,729 | 1,006,122 | 326,100 | 17,323 |
| Michigan | 4,573 | 9,871 | 43,635 | 117,232 | 558,096 | 17,928 | 22,547,063 | 1,083,397 | 1,497,400 | 69,533 |
| Minnesota | 6,545 | 13,961 | 15,079 | 54,762 | 309,186 | 12,619 | 7,183,656 | 352,763 | (1) | (1) |
| Mississippi | (1) | (1) | 32,561 | 69,575 | 66,678 | 2,067 | 5,982,234 | 287,843 | (1) | (1) |
| Missouri | 2,216 | 4,765 | 37,515 | 109,710 | 294,648 | 13,010 | 14,778,951 | 733,793 | (1) | (1) |
| Montana | 854 | 2,396 | 3,779 | 18,751 | | | 1,297,315 | 69,825 | 1,094,315 | 58,664 |
| Nebraska | 974 | 2,577 | 6,986 | 26,295 | (1) | (1) | 2,804,371 | 144,497 | 472,370 | 23,671 |
| Nevada | (1) | (1) | 1,243 | 4,676 | (1) | (1) | 409,668 | 20,360 | | |
| New Hampshire | 878 | 1,981 | 2,109 | 7,396 | 33,724 | 1,077 | 869,360 | 42,668 | | |
| New Jersey | 6,284 | 13,507 | 52,188 | 140,622 | 206,934 | 5,757 | 15,514,209 | 709,557 | 688,933 | 34,328 |
| New Mexico | 269 | 920 | 3,104 | 15,190 | 58,320 | 1,953 | 1,188,199 | 61,113 | (1) | (1) |
| New York | 10,514 | 23,550 | 103,630 | 306,844 | 1,245,562 | 39,200 | 41,793,757 | 2,008,413 | 980,583 | 45,553 |
| North Carolina | (1) | (1) | 40,234 | 136,783 | 667,353 | 22,709 | 17,470,936 | 803,309 | (1) | (1) |
| North Dakota | 785 | 1,526 | 2,554 | 11,796 | | | 952,834 | 52,131 | | |
| Ohio | 3,326 | 8,015 | 66,463 | 184,965 | 1,292,802 | 36,533 | 28,128,037 | 1,362,640 | (1) | (1) |
| Oklahoma | 1,321 | 3,115 | 20,075 | 76,534 | 144,574 | 5,050 | 6,584,426 | 326,798 | (1) | (1) |
| Oregon | 1,382 | 2,825 | 5,024 | 18,087 | (1) | (1) | 2,296,419 | 113,824 | | |
| Pennsylvania | 5,270 | 13,357 | 88,043 | 263,267 | 1,321,313 | 35,006 | 39,306,008 | 1,879,720 | 2,520,226 | 118,988 |
| Rhode Island | 541 | 1,234 | 5,237 | 19,397 | 129,443 | 4,035 | 2,511,414 | 128,165 | | |
| South Carolina | 788 | 1,713 | 17,726 | 62,973 | (1) | (1) | 6,873,315 | 328,236 | (1) | (1) |
| South Dakota | 1,381 | 3,149 | 2,823 | 12,824 | | | 1,133,265 | 58,938 | (1) | (1) |
| Tennessee | 1,536 | 2,728 | 26,903 | 105,067 | 304,534 | 10,017 | 9,480,832 | 459,771 | (1) | (1) |
| Texas | 2,575 | 8,169 | 65,946 | 268,482 | 506,497 | 24,263 | 21,945,470 | 1,064,251 | 484,640 | 22,897 |
| Utah | (1) | (1) | 3,208 | 11,002 | (1) | (1) | 1,794,050 | 96,833 | (1) | (1) |
| Vermont | 68 | 202 | 631 | 2,435 | 66,750 | 2,362 | 336,840 | 16,664 | | |
| Virginia | 175 | 452 | 28,107 | 88,973 | 173,062 | 5,213 | 11,115,680 | 536,805 | | |
| Washington | 1,077 | 2,400 | 6,842 | 23,805 | (1) | (1) | 2,848,211 | 138,077 | 89,300 | 4,466 |
| West Virginia | (1) | (1) | 13,919 | 45,230 | (1) | (1) | 4,232,123 | 209,990 | (1) | (1) |
| Wisconsin | 7,072 | 17,823 | 16,528 | 60,308 | 748,092 | 27,490 | 10,533,421 | 518,407 | 473,900 | 23,763 |
| Wyoming | (1) | (1) | 1,542 | 6,885 | | | 383,010 | 21,354 | | |
| Undistributed | 7,171 | 17,274 | | | 875,366 | 31,447 | | | 7,200,217 | 346,005 |

See footnote at end of table.

TABLE 7.—PRINCIPAL MATERIALS CONSUMED IN THE INDUSTRY BY KIND, QUANTITY, AND COST, BY STATES: 1939—Continued

| STATE | SUGAR—continued | | | | CORN SIRUP | | FLAVORING EXTRACTS AND SIRUPS | COLORING | ACIDS | CROWNS | LABELS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Cane | | Corn | | | | | | | | |
| | Pounds | Cost | Pounds | Cost | Pounds | Cost | Cost | Cost | Cost | Cost | Cost |
| United States | 437,652,202 | $21,137,864 | 5,675,683 | $258,690 | 3,481,376 | $145,525 | $82,060,367 | $339,259 | $774,235 | $11,781,435 | $1,761,936 |
| Alabama | 8,272,251 | 401,495 | (1) | (1) | | | 2,187,364 | 1,375 | 11,597 | 302,255 | 4,813 |
| Arizona | 1,867,010 | 96,916 | (1) | (1) | (1) | (1) | 287,229 | 2,185 | 2,182 | 49,367 | 1,987 |
| Arkansas | 4,645,572 | 227,724 | (1) | (1) | (1) | (1) | 1,364,604 | 2,427 | 16,730 | 173,073 | 779 |
| California | 21,024,033 | 1,035,115 | 258,825 | 10,947 | (1) | (1) | 3,977,649 | 18,471 | 51,976 | 554,858 | 89,291 |
| Colorado | 2,288,624 | 121,562 | (1) | (1) | | | 475,514 | 1,902 | 3,139 | 69,414 | 6,801 |
| Connecticut | 4,799,219 | 228,257 | (1) | (1) | | | 642,293 | 5,676 | 6,293 | 103,326 | 39,447 |
| Delaware | (1) | (1) | | | | | 148,526 | (1) | 1,163 | 24,582 | 4,198 |
| District of Columbia | 4,096,933 | 190,121 | | | | | 541,129 | (1) | 5,864 | 81,112 | 9,692 |
| Florida | 8,453,210 | 395,790 | (1) | (1) | | | 2,489,944 | 7,089 | 16,294 | 300,099 | 12,948 |
| Georgia | 9,741,551 | 471,381 | (1) | (1) | (1) | (1) | 3,594,355 | 18,850 | 12,691 | 503,066 | 13,020 |
| Idaho | 829,120 | 45,485 | (1) | (1) | | | 171,797 | 213 | 922 | 25,720 | 2,425 |
| Illinois | 33,370,479 | 1,634,608 | 541,703 | 26,649 | (1) | (1) | 4,678,479 | 27,686 | 97,711 | 705,490 | 166,402 |
| Indiana | 12,092,692 | 598,463 | 174,000 | 7,820 | (1) | (1) | 3,247,047 | 7,605 | 15,759 | 364,857 | 25,080 |
| Iowa | 4,902,884 | 243,994 | 350,900 | 16,904 | (1) | (1) | 1,197,408 | 4,150 | 8,866 | 170,548 | 28,387 |
| Kansas | 4,035,274 | 200,970 | 36,600 | 1,756 | | | 896,250 | 6,459 | 7,446 | 133,492 | 18,836 |
| Kentucky | 8,787,886 | 414,777 | (1) | (1) | | | 2,101,423 | 8,176 | 10,955 | 290,512 | 9,868 |
| Louisiana | (1) | (1) | (1) | (1) | | | 2,828,989 | 4,296 | 8,438 | 418,257 | 3,403 |
| Maine | (1) | (1) | | | | | 289,744 | 610 | 2,392 | 48,921 | 8,325 |
| Maryland | 8,543,758 | 393,261 | (1) | (1) | (1) | (1) | 1,338,155 | 2,643 | 12,058 | 199,286 | 41,660 |
| Massachusetts | 21,159,929 | 987,235 | 37,700 | 1,564 | | | 1,789,643 | 17,945 | 46,470 | 322,207 | 167,706 |
| Michigan | 20,349,363 | 981,176 | 700,300 | 32,688 | (1) | (1) | 2,581,203 | 7,335 | 22,700 | 313,138 | 44,916 |
| Minnesota | 6,148,186 | 305,244 | (1) | (1) | (1) | (1) | 1,120,319 | 6,296 | 23,866 | 178,782 | 43,396 |
| Mississippi | 5,840,034 | 280,892 | (1) | (1) | (1) | (1) | 1,644,470 | 3,457 | 9,970 | 218,861 | (1) |
| Missouri | 14,253,971 | 713,080 | (1) | (1) | (1) | (1) | 3,033,739 | 5,634 | 17,960 | 432,810 | 48,501 |
| Montana | 203,000 | 11,161 | | | | | 212,026 | 343 | 2,442 | 30,936 | 3,226 |
| Nebraska | 2,242,900 | 116,493 | 89,101 | 4,333 | (1) | (1) | 543,029 | 5,297 | 4,676 | 87,782 | 10,514 |
| Nevada | 409,668 | 20,360 | | | | | 88,629 | (1) | 546 | 13,874 | (1) |
| New Hampshire | 869,360 | 42,668 | | | | | 173,102 | 1,900 | 1,438 | 24,288 | 3,225 |
| New Jersey | 14,737,276 | 671,249 | 88,000 | 3,980 | (1) | (1) | 1,203,233 | 28,469 | 33,256 | 256,032 | 142,720 |
| New Mexico | 1,138,599 | 58,893 | (1) | (1) | | | 309,950 | (1) | 4,892 | 46,107 | 1,203 |
| New York | 40,730,114 | 1,959,033 | 83,060 | 3,827 | (1) | (1) | 4,845,535 | 28,541 | 58,548 | 767,668 | 292,892 |
| North Carolina | 16,914,076 | 775,882 | (1) | (1) | (1) | (1) | 4,147,580 | 7,919 | 19,061 | 556,931 | 27,605 |
| North Dakota | (1) | (1) | (1) | (1) | | | 173,608 | 166 | 3,695 | 32,831 | 4,582 |
| Ohio | 27,009,704 | 1,311,559 | (1) | (1) | (1) | (1) | 4,412,859 | 10,006 | 47,139 | 583,826 | 86,784 |
| Oklahoma | 5,840,686 | 288,888 | (1) | (1) | (1) | (1) | 1,426,576 | 9,574 | 15,084 | 191,445 | 10,891 |
| Oregon | 2,263,419 | 112,126 | 33,000 | 1,698 | | | 400,137 | (1) | 1,648 | 56,574 | 7,680 |
| Pennsylvania | 36,244,282 | 1,737,277 | 541,500 | 23,455 | (1) | (1) | 4,639,739 | 27,923 | 62,781 | 658,337 | 172,455 |
| Rhode Island | (1) | (1) | (1) | (1) | | | 385,610 | 4,496 | 4,210 | 45,775 | 16,020 |
| South Carolina | 6,422,115 | 306,858 | (1) | (1) | (1) | (1) | 1,792,263 | 3,497 | 6,824 | 330,973 | 8,907 |
| South Dakota | 880,265 | 45,281 | (1) | (1) | | | 224,444 | 666 | 4,366 | 35,534 | 4,118 |
| Tennessee | 9,151,582 | 447,860 | (1) | (1) | | | 2,814,867 | 1,234 | 10,321 | 362,133 | 9,744 |
| Texas | 21,405,555 | 1,038,734 | 55,275 | 2,620 | (1) | (1) | 6,163,068 | 18,394 | 36,252 | 903,567 | 40,143 |
| Utah | (1) | (1) | | | (1) | (1) | 223,989 | (1) | 2,522 | 45,026 | 5,732 |
| Vermont | 336,840 | 16,664 | | | | | 64,326 | 87 | 649 | 9,427 | 3,588 |
| Virginia | (1) | (1) | (1) | (1) | | | 2,257,377 | 1,434 | 10,318 | 313,782 | 19,301 |
| Washington | 2,464,556 | 121,586 | 294,355 | 12,025 | | | 478,064 | 1,400 | 2,952 | 61,749 | 13,977 |
| West Virginia | 4,156,123 | 206,288 | (1) | (1) | (1) | (1) | 1,038,574 | (1) | 5,936 | 152,246 | 12,857 |
| Wisconsin | 9,963,871 | 490,572 | 95,650 | 4,072 | (1) | (1) | 1,285,056 | 9,344 | 20,035 | 219,654 | 66,585 |
| Wyoming | 383,010 | 21,354 | | | | | 69,453 | 384 | 1,202 | 10,905 | 2,143 |
| Undistributed | 28,383,222 | 1,369,532 | 2,295,714 | 104,352 | 3,481,376 | 145,525 | | 17,705 | | | 3,163 |

[1] Data for specified materials withheld to avoid disclosing, exactly or approximately, figures reported by individual establishments, but are included in the figures for "Undistributed."

TABLE 8.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 21,265 | 18,021 | 18,091 | 18,711 | 19,962 | 21,822 | 23,860 | 25,141 | 24,905 | 23,640 | 21,169 | 20,060 | 19,796 |
| 1937 | 27,979 | 23,054 | 23,339 | 24,423 | 25,925 | 28,232 | 31,611 | 33,683 | 33,240 | 31,397 | 28,071 | 26,598 | 26,171 |
| 1929 | 28,281 | 23,839 | 23,907 | 24,957 | 27,525 | 29,448 | 32,668 | 34,371 | 33,746 | 31,174 | 28,053 | 25,364 | 24,323 |
| Alabama | 452 | 415 | 415 | 427 | 431 | 457 | 463 | 493 | 484 | 479 | 462 | 453 | 444 |
| Arizona | 90 | 67 | 66 | 73 | 93 | 98 | 108 | 124 | 108 | 99 | 90 | 82 | 73 |
| Arkansas | 338 | 292 | 304 | 317 | 336 | 352 | 365 | 373 | 369 | 358 | 345 | 326 | 320 |
| California | 879 | 743 | 737 | 747 | 811 | 849 | 930 | 1,005 | 1,013 | 1,057 | 944 | 874 | 842 |
| Colorado | 174 | 125 | 124 | 132 | 162 | 184 | 223 | 235 | 226 | 212 | 168 | 149 | 143 |
| Connecticut | 227 | 198 | 193 | 202 | 213 | 237 | 263 | 274 | 273 | 249 | 214 | 208 | 204 |
| Delaware | 45 | 39 | 39 | 39 | 42 | 46 | 47 | 48 | 50 | 47 | 44 | 44 | 54 |
| District of Columbia | 142 | 125 | 124 | 133 | 135 | 144 | 148 | 155 | 157 | 156 | 144 | 141 | 140 |
| Florida | 494 | 471 | 474 | 485 | 484 | 486 | 493 | 498 | 518 | 513 | 496 | 508 | 499 |
| Georgia | 726 | 665 | 677 | 684 | 707 | 726 | 739 | 767 | 790 | 764 | 745 | 729 | 720 |
| Idaho | 45 | 37 | 39 | 42 | 44 | 46 | 48 | 56 | 53 | 49 | 44 | 43 | 43 |
| Illinois | 1,475 | 1,268 | 1,263 | 1,308 | 1,392 | 1,485 | 1,605 | 1,764 | 1,713 | 1,693 | 1,445 | 1,382 | 1,384 |
| Indiana | 592 | 481 | 504 | 521 | 554 | 593 | 670 | 691 | 692 | 673 | 597 | 572 | 556 |
| Iowa | 320 | 259 | 259 | 277 | 301 | 337 | 385 | 404 | 394 | 347 | 315 | 281 | 280 |
| Kansas | 238 | 183 | 185 | 199 | 211 | 243 | 286 | 308 | 305 | 283 | 239 | 212 | 207 |
| Kentucky | 401 | 359 | 367 | 374 | 381 | 400 | 421 | 450 | 439 | 426 | 409 | 400 | 391 |
| Louisiana | 614 | 567 | 582 | 586 | 594 | 624 | 646 | 668 | 648 | 654 | 621 | 590 | 583 |
| Maine | 107 | 84 | 86 | 86 | 94 | 108 | 121 | 141 | 141 | 126 | 106 | 95 | 92 |
| Maryland | 386 | 324 | 329 | 337 | 334 | 410 | 472 | 454 | 455 | 420 | 374 | 362 | 365 |
| Massachusetts | 885 | 707 | 698 | 719 | 796 | 915 | 1,089 | 1,198 | 1,170 | 1,004 | 804 | 776 | 744 |
| Michigan | 617 | 506 | 515 | 527 | 563 | 634 | 718 | 772 | 736 | 674 | 605 | 577 | 574 |
| Minnesota | 389 | 308 | 310 | 321 | 344 | 412 | 480 | 492 | 480 | 434 | 389 | 347 | 354 |
| Mississippi | 397 | 351 | 350 | 363 | 384 | 406 | 417 | 431 | 437 | 430 | 415 | 394 | 387 |
| Missouri | 704 | 570 | 579 | 607 | 649 | 723 | 788 | 827 | 815 | 818 | 738 | 671 | 665 |
| Montana | 60 | 44 | 42 | 42 | 51 | 60 | 68 | 82 | 86 | 75 | 63 | 59 | 54 |
| Nebraska | 134 | 97 | 94 | 103 | 127 | 145 | 166 | 179 | 176 | 170 | 122 | 117 | 116 |
| Nevada | 23 | 18 | 18 | 21 | 22 | 24 | 26 | 29 | 29 | 26 | 21 | 19 | 19 |
| New Hampshire | 74 | 56 | 58 | 58 | 68 | 75 | 89 | 96 | 98 | 85 | 70 | 71 | 69 |
| New Jersey | 777 | 630 | 610 | 615 | 715 | 800 | 964 | 1,005 | 978 | 860 | 716 | 697 | 731 |
| New Mexico | 73 | 63 | 65 | 67 | 73 | 79 | 83 | 84 | 81 | 77 | 75 | 68 | 66 |
| New York | 1,745 | 1,434 | 1,429 | 1,499 | 1,524 | 1,893 | 2,040 | 2,209 | 2,213 | 1,969 | 1,657 | 1,549 | 1,529 |
| North Carolina | 797 | 736 | 744 | 749 | 763 | 780 | 800 | 824 | 843 | 861 | 822 | 821 | 816 |
| North Dakota | 51 | 40 | 43 | 44 | 47 | 49 | 54 | 63 | 61 | 61 | 52 | 50 | 48 |
| Ohio | 1,038 | 891 | 899 | 922 | 988 | 1,072 | 1,209 | 1,235 | 1,206 | 1,118 | 1,011 | 955 | 952 |
| Oklahoma | 329 | 260 | 260 | 281 | 319 | 346 | 389 | 404 | 400 | 379 | 324 | 301 | 287 |
| Oregon | 94 | 70 | 71 | 76 | 86 | 100 | 105 | 130 | 128 | 103 | 89 | 84 | 84 |
| Pennsylvania | 1,343 | 1,155 | 1,141 | 1,176 | 1,287 | 1,410 | 1,506 | 1,544 | 1,559 | 1,450 | 1,349 | 1,272 | 1,269 |
| Rhode Island | 115 | 87 | 90 | 93 | 98 | 120 | 142 | 152 | 156 | 128 | 113 | 105 | 99 |
| South Carolina | 359 | 325 | 328 | 331 | 341 | 352 | 382 | 382 | 384 | 391 | 373 | 358 | 357 |
| South Dakota | 56 | 36 | 37 | 39 | 52 | 59 | 72 | 76 | 75 | 75 | 55 | 48 | 48 |
| Tennessee | 610 | 517 | 519 | 546 | 586 | 615 | 660 | 708 | 700 | 683 | 612 | 593 | 582 |
| Texas | 1,431 | 1,171 | 1,177 | 1,257 | 1,418 | 1,477 | 1,622 | 1,698 | 1,660 | 1,631 | 1,462 | 1,334 | 1,264 |
| Utah | 60 | 49 | 51 | 53 | 57 | 65 | 70 | 73 | 76 | 69 | 57 | 49 | 50 |
| Vermont | 29 | 20 | 23 | 24 | 25 | 32 | 39 | 40 | 40 | 36 | 29 | 22 | 21 |
| Virginia | 473 | 433 | 431 | 440 | 460 | 487 | 494 | 510 | 503 | 508 | 476 | 472 | 467 |
| Washington | 99 | 78 | 78 | 81 | 88 | 112 | 117 | 118 | 126 | 108 | 98 | 92 | 92 |
| West Virginia | 249 | 225 | 224 | 234 | 241 | 246 | 259 | 273 | 274 | 268 | 253 | 244 | 244 |
| Wisconsin | 484 | 424 | 422 | 434 | 451 | 488 | 552 | 570 | 558 | 519 | 494 | 444 | 448 |
| Wyoming | 22 | 18 | 18 | 20 | 20 | 21 | 27 | 29 | 29 | 25 | 23 | 20 | 20 |

TABLE 9.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 4,504 |
| Reporting expenditures for plant and equipment | 3,003 |
| Value of products: | |
| Total for the industry | $365,778,930 |
| Reporting expenditures for plant and equipment | 292,444,020 |
| Expenditures for plant and equipment: | |
| Total for the industry | 24,122,464 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 6,605,878 |
| Expenditures for new machinery and operating equipment | 14,205,533 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 2,056,001 |
| Expenditures unclassified | 1,255,052 |

TABLE 10.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $20,447,243 | $11,864,038 |
| Finished products | 5,405,671 | 3,164,995 |
| Materials, supplies, etc | 15,041,572 | 8,699,043 |
| End of year, total | 23,573,804 | 13,833,209 |
| Finished products | 6,221,467 | 3,662,407 |
| Materials, supplies, etc | 17,352,337 | 10,170,802 |
| Value of products for the industry, total | 365,778,930 | 276,779,080 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 336,211,566 | 218,290,856 |
| Value for establishments not reporting inventories | 29,567,364 | 58,488,224 |

TABLE 11.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 4,504 | 5,154 |
| Number of establishments reporting power equipment | 4,491 | 5,076 |
| Prime movers, aggregate: | | |
| Number | 99 | 892 |
| Horsepower | 4,733 | 67,960 |
| Prime movers, driving generators, total— | | |
| Number | 29 | [1] 892 |
| Horsepower | 1,998 | [1] 67,960 |
| Steam engines— | | |
| Number | 13 | [1] 766 |
| Horsepower | 781 | [1] 61,489 |

TABLE 11.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929—Continued

| | 1939 | 1929 |
|---|---|---|
| Prime movers—Continued. | | |
| Prime movers, driving generators—Continued. | | |
| Steam turbines— | | |
| Number | 2 | [1] 32 |
| Horsepower | 390 | [1] 2,710 |
| Diesel and semi-Diesel engines— | | |
| Number | 6 | [1] 86 |
| Horsepower | 422 | [1] 3,441 |
| Other internal-combustion engines [2]— | | |
| Number | 8 | |
| Horsepower | 405 | |
| Hydroturbines and water wheels— | | |
| Number | | [1] 8 |
| Horsepower | | [1] 320 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 195 | |
| Prime movers not driving generators, total— | | |
| Number | 70 | |
| Horsepower | 2,735 | |
| Steam engines— | | |
| Number | 37 | |
| Horsepower | 1,878 | |
| Steam turbines— | | |
| Number | 3 | (3) |
| Horsepower | 77 | |
| Diesel and semi-Diesel engines— | | |
| Number | 5 | |
| Horsepower | 190 | |
| Other internal-combustion engines [2]— | | |
| Number | 22 | |
| Horsepower | 562 | |
| Hydroturbines and water wheels— | | |
| Number | 3 | |
| Horsepower | 28 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 163 | (3) |
| Generators, kilowatt rating, total | 1,469 | 16,537 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 559 | (3) |
| Steam turbines, kilowatt rating | 300 | |
| Diesel and semi-Diesel engines, kilowatt rating | 252 | |
| Other internal-combustion engines,[2] kilowatt rating | 358 | |
| Generators, ordinarily idle (included above), kilowatt rating | 150 | (4) |
| Electric motors, total: | | |
| Number | 41,956 | 30,223 |
| Horsepower | 87,422 | 103,881 |
| Driven by purchased energy— | | |
| Number | 41,555 | 26,186 |
| Horsepower | 86,499 | 81,206 |
| Driven by energy generated in establishments reporting— | | |
| Number | 401 | 4,037 |
| Horsepower | 923 | 22,675 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 1,482,135 | (4) |
| Purchased | 84,854,823 | 61,558,090 |

[1] Includes data for prime movers not driving generators.
[2] Gas, gasoline, etc.
[3] Not called for on schedule.
[4] Data not available.

# MALT LIQUORS

[A preliminary report for this industry was issued November 22, 1940]

**Description of the industry.**—The "Malt liquors" industry embraces establishments primarily engaged in the manufacture of all kinds of malt liquors, such as ale, beer, porter, stout, and of malt extract. This industry does not include bottlers of malt liquors brewed by others. No data for internal-revenue taxes are included in any figures in this report.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1899 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 605 | 36,088 | $62,231,236 | $162,896,515 | $526,076,938 | $363,180,423 | 187,266 |
| 1937 | 653 | 47,037 | 79,275,069 | 201,916,716 | 537,105,238 | 335,188,522 | (5) |
| 1935 | 666 | 39,169 | 60,614,924 | 139,918,271 | 420,030,140 | 280,111,869 | (6) |
| 1933 [7] | 525 | 23,501 | 33,479,953 | 76,193,568 | 229,960,526 | 153,766,958 | (5) |
| 1914 | 1,204 | 62,026 | 53,243,743 | 129,681,396 | 380,000,000 | 250,318,604 | 375,878 |
| 1909 | 1,414 | 54,579 | 41,205,761 | 96,595,636 | 374,730,096 | 278,134,460 | 332,082 |
| 1904 | 1,530 | 48,137 | 34,540,497 | 74,906,920 | 298,346,482 | 223,439,562 | 259,589 |
| 1899 | 1,507 | 39,459 | 25,776,468 | 51,598,247 | 236,914,914 | 185,316,667 | 196,143 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.
[7] Since no brewed alcoholic beverages were legally manufactured during the period within which the National Prohibition Act was in force, and as 1914 was the last normal preprohibition year for which census figures are available, statistics for that year are given in this report in comparison with those of 1933 and subsequent years.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | California | Colorado | Connecticut | Florida | Idaho | Illinois | Indiana | Iowa | Kentucky |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 605 | 30 | 4 | 9 | 7 | 5 | 56 | 16 | 4 | 8 |
| Proprietors and firm members | 40 | 1 | | | | | 1 | | | |
| Persons reported by manufacturing establishments, total [2] | 61,185 | 2,800 | 357 | 640 | 474 | 78 | 4,087 | 2,275 | 178 | 1,180 |
| Salaried officers of corporations [2] | 1,216 | 41 | 6 | 24 | 6 | 3 | 109 | 49 | 9 | 25 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [2] | 4,607 | 205 | 39 | 43 | 32 | 17 | 268 | 160 | 15 | 98 |
| Wage earners (average for the year) [3] | 36,088 | 1,916 | 204 | 317 | 205 | 38 | 2,517 | 1,650 | 105 | 758 |
| Distribution | 17,424 | 530 | 104 | 253 | 211 | 20 | 1,091 | 368 | 48 | 263 |
| Construction | 735 | 14 | | 2 | | | 77 | 21 | | 27 |
| Other | 1,115 | 94 | 4 | 1 | 20 | | 25 | 27 | 1 | 9 |
| Salaries and wages, total [2] | $122,264,690 | $5,882,330 | $621,951 | $1,225,466 | $605,418 | $113,884 | $8,116,111 | $4,161,621 | $319,670 | $1,947,877 |
| Salaried officers [2] | 9,657,007 | 276,276 | 40,840 | 137,984 | 34,218 | 7,173 | 721,147 | 343,636 | 44,478 | 169,417 |
| Manufacturing: | | | | | | | | | | |
| Salaries [2] | 10,441,516 | 535,577 | 108,444 | 92,082 | 68,507 | 26,843 | 719,696 | 392,234 | 38,273 | 193,053 |
| Wages | 62,231,236 | 3,797,010 | 316,162 | 511,903 | 240,418 | 56,365 | 4,261,817 | 2,588,593 | 158,244 | 1,052,361 |
| Distribution | 36,290,542 | 1,112,045 | 152,355 | 478,504 | 241,665 | 23,503 | 2,257,368 | 793,375 | 76,012 | 481,695 |
| Construction | 1,356,408 | 59,120 | 1,619 | 4,000 | | | 122,351 | 18,563 | | 42,848 |
| Other | 2,287,981 | 102,302 | 2,531 | 993 | 20,610 | | 33,732 | 25,220 | 2,663 | 8,503 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 162,896,515 | 8,560,985 | 977,890 | 1,229,012 | 748,161 | 230,734 | 11,405,083 | 4,360,777 | 400,263 | 2,074,322 |
| Materials, supplies, and containers | 153,071,102 | 8,200,446 | 922,828 | 1,095,000 | 677,272 | 210,687 | 10,620,044 | 4,061,285 | 366,363 | 1,915,982 |
| Fuel | 6,592,609 | 166,291 | 54,058 | 80,959 | 29,874 | 8,805 | 546,961 | 178,508 | 22,167 | 119,016 |
| Purchased electric energy | 3,097,674 | 194,248 | 1,004 | 53,053 | 41,015 | 11,242 | 237,109 | 120,984 | 11,733 | 39,324 |
| Contract work | 135,130 | | | | | | 969 | | | |
| Value of products | 526,076,938 | 26,732,421 | 2,562,313 | 3,894,601 | 2,701,738 | 423,123 | 32,707,332 | 16,667,179 | 1,279,377 | 7,425,887 |
| Value added by manufacture [4] | 363,180,423 | 18,171,436 | 1,584,423 | 2,665,589 | 1,953,577 | 192,389 | 21,302,249 | 12,306,402 | 879,114 | 5,351,565 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Louisiana | Maryland | Massachusetts | Michigan | Minnesota | Missouri | Montana | Nebraska | New Jersey |
|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 7 | 9 | 15 | 40 | 21 | 17 | 8 | 5 | 14 |
| Proprietors and firm members | | | | 5 | | 2 | 1 | | |
| Persons reported by manufacturing establishments, total [2] | 1,153 | 1,788 | 1,515 | 3,410 | 2,463 | 5,081 | 223 | 452 | 3,151 |
| Salaried officers of corporations [2] | 15 | 28 | 35 | 75 | 39 | 40 | 17 | 12 | 38 |
| Manufacturing: | | | | | | | | | |
| Salaried employees [2] | 62 | 123 | 156 | 231 | 108 | 324 | 20 | 39 | 218 |
| Wage earners (average for the year) [3] | 661 | 1,083 | 754 | 1,848 | 1,654 | 3,727 | 145 | 266 | 1,350 |
| Distribution | 399 | 536 | 547 | 1,173 | 564 | 981 | 37 | 125 | 1,352 |
| Construction | 7 | 18 | 20 | 46 | 11 | 1 | 3 | 9 | 101 |
| Other | 9 | | 3 | 37 | 87 | 8 | 1 | 1 | 92 |
| Salaries and wages, total [2] | $1,976,527 | $3,390,192 | $3,123,757 | $7,118,307 | $4,058,844 | $10,134,076 | $498,082 | $767,192 | $7,969,358 |
| Salaried officers [2] | 109,710 | 296,895 | 350,221 | 544,225 | 153,811 | 510,518 | 71,952 | 112,400 | 524,884 |
| Manufacturing: | | | | | | | | | |
| Salaries [2] | 143,530 | 238,390 | 370,876 | 592,460 | 234,563 | 584,608 | 61,033 | 85,388 | 471,229 |
| Wages | 974,803 | 1,875,651 | 1,271,351 | 3,310,940 | 2,354,346 | 6,937,868 | 279,267 | 315,698 | 2,919,354 |
| Distribution | 726,541 | 951,723 | 1,066,928 | 2,513,669 | 1,123,449 | 2,090,351 | 80,002 | 243,624 | 3,405,712 |
| Construction | 10,212 | 27,533 | 60,781 | 110,656 | 15,163 | 1,143 | 4,463 | 9,074 | 221,892 |
| Other | 11,731 | | 3,600 | 46,357 | 177,512 | 9,588 | 1,365 | 1,008 | 426,287 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 2,653,067 | 3,550,571 | 3,874,697 | 7,303,042 | 6,191,117 | 16,536,536 | 693,106 | 896,593 | 11,060,609 |
| Materials, supplies, and containers | 2,514,778 | 3,272,888 | 3,578,172 | 6,754,768 | 5,810,438 | 15,829,960 | 640,358 | 824,380 | 10,587,231 |
| Fuel | 62,795 | 134,509 | 195,897 | 337,438 | 331,522 | 477,188 | 30,990 | 55,368 | 350,714 |
| Purchased electric energy | 75,494 | 143,174 | 100,628 | 210,836 | 46,381 | 100,196 | 21,758 | 16,845 | 122,664 |
| Contract work | | | | | 2,776 | 129,192 | | | |
| Value of products | 10,662,514 | 12,412,685 | 11,838,692 | 25,164,966 | 23,364,854 | 41,412,301 | 2,091,234 | 2,908,435 | 36,208,479 |
| Value added by manufacture [4] | 8,009,447 | 8,862,114 | 7,963,995 | 17,861,924 | 17,173,737 | 24,875,765 | 1,398,128 | 2,011,842 | 25,147,870 |

| ITEM | New York | Ohio | Pennsylvania | Tennessee | Texas | Virginia | Washington | Wisconsin | Other States [5] |
|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 64 | 51 | 85 | 3 | 8 | 4 | 14 | 73 | 28 |
| Proprietors and firm members | | 3 | 18 | | 1 | | | 7 | 1 |
| Persons reported by manufacturing establishments, total [2] | 9,204 | 4,798 | 6,101 | 253 | 1,267 | 156 | 1,031 | 5,580 | 1,488 |
| Salaried officers of corporations [2] | 160 | 101 | 153 | 7 | 14 | 6 | 27 | 122 | 55 |
| Manufacturing: | | | | | | | | | |
| Salaried employees [2] | 702 | 320 | 487 | 17 | 93 | 13 | 118 | 562 | 137 |
| Wage earners (average for the year) [3] | 4,395 | 2,818 | 3,717 | 143 | 690 | 85 | 562 | 3,567 | 911 |
| Distribution | 3,513 | 1,484 | 1,573 | 86 | 442 | 47 | 253 | 1,046 | 378 |
| Construction | 98 | 30 | 95 | | 27 | 5 | 52 | 71 | |
| Other | 336 | 45 | 76 | | 1 | | 19 | 212 | 7 |
| Salaries and wages, total [2] | $20,732,147 | $8,769,436 | $12,727,777 | $376,964 | $2,212,202 | $226,187 | $1,975,529 | $10,295,715 | $2,918,070 |
| Salaried officers [2] | 1,477,115 | 878,268 | 1,362,310 | 29,299 | 155,118 | 25,480 | 224,384 | 723,527 | 331,721 |
| Manufacturing: | | | | | | | | | |
| Salaries [2] | 1,558,024 | 691,359 | 1,221,005 | 36,957 | 203,326 | 35,342 | 271,711 | 1,158,814 | 308,192 |
| Wages | 8,513,770 | 4,446,592 | 6,677,374 | 189,342 | 962,277 | 96,800 | 933,187 | 5,677,310 | 1,512,433 |
| Distribution | 8,262,377 | 2,597,114 | 3,196,470 | 121,366 | 843,697 | 59,875 | 480,448 | 2,152,423 | 758,251 |
| Construction | 235,119 | 93,899 | 107,438 | | 46,926 | 8,690 | 35,658 | 119,260 | |
| Other | 685,742 | 62,204 | 163,180 | | 858 | | 30,141 | 464,381 | 7,473 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 23,273,966 | 9,828,395 | 16,959,997 | 361,029 | 2,775,137 | 427,053 | 3,278,157 | 18,553,225 | 4,692,991 |
| Materials, supplies, and containers | 21,775,001 | 9,123,038 | 15,881,760 | 320,280 | 2,636,881 | 394,410 | 3,134,445 | 17,540,156 | 4,382,251 |
| Fuel | 1,020,792 | 480,816 | 783,948 | 37,803 | 68,769 | 12,063 | 63,252 | 765,650 | 176,456 |
| Purchased electric energy | 478,173 | 224,541 | 292,396 | 2,946 | 69,487 | 20,580 | 80,460 | 247,119 | 134,284 |
| Contract work | | | 1,893 | | | | | 300 | |
| Value of products | 86,703,575 | 35,025,543 | 55,849,173 | 1,245,501 | 8,994,414 | 1,401,855 | 9,072,536 | 53,445,756 | 13,880,454 |
| Value added by manufacture [4] | 63,429,609 | 25,197,148 | 38,889,176 | 884,472 | 6,219,277 | 974,802 | 5,794,379 | 34,892,531 | 9,187,463 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Arizona, 1 establishment; Delaware, 2; District of Columbia, 1; Georgia, 1; Nevada, 2; New Hampshire, 1; North Carolina, 1; Oklahoma, 3; Oregon, 5; Rhode Island, 3; South Dakota, 1; Utah, 2; West Virginia, 2; Wyoming, 3.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Malt Liquors industry, all products, total value | $526,076,938 | $537,105,238 |
| Malt liquors, malt extract, and brewers' grains | 517,929,385 | 531,527,863 |
| Miscellaneous products | 837,060 | 5,577,375 |
| Other products (not classified in this industry) | [1] 3,443,387 | |
| Receipts for contract work | 28,085 | |
| Merchandise (goods bought and sold without processing) | 3,839,021 | |
| Malt liquors, malt extract, and brewers' grains, total value | 519,603,374 | 532,812,308 |
| Made in the industry | 517,929,385 | 531,527,863 |
| Malt extract made as a secondary product in other industries | 1,673,989 | 1,284,445 |

[1] Value of cereal and carbonated beverages, carbon dioxide, and ice.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Malt liquors, malt extract, and brewers' grains, total value | $519,603,374 | $532,812,308 |
| Malt liquors (beer, ale, porter, etc.): | | |
| Barrels | 52,880,273 | 55,472,209 |
| Value | $511,440,413 | $521,880,522 |
| Malt extract: | | |
| Pounds | 92,306,416 | 111,189,862 |
| Value | $5,561,967 | $7,438,004 |
| Brewers' grains, value | $2,600,994 | $3,493,782 |

## TABLE 5.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

[Statistics are given for each State for which separate figures can be published without disclosing, exactly or approximately, the production reported by individual establishments. Certain of the "Other States," however, reported larger amounts of the specified products than some of the States for which separate figures are given]

| | Quantity | Value |
|---|---|---|
| MALT LIQUORS (BEER, ALE, PORTER, ETC.) | *Barrels* | |
| United States | 52,880,273 | $511,440,413 |
| California | 2,429,020 | 26,576,726 |
| Colorado | 245,394 | 2,545,349 |
| Connecticut | 426,986 | 3,853,923 |
| Florida | 219,604 | 2,694,924 |
| Idaho | 35,318 | 405,608 |
| Illinois | 3,664,595 | 30,718,277 |
| Indiana | 1,673,683 | 16,350,998 |
| Kentucky | 770,732 | 7,314,701 |
| Louisiana | 835,665 | 9,799,573 |
| Maryland | 1,295,159 | 11,937,461 |
| Massachusetts | 1,190,235 | 11,723,484 |
| Michigan | 2,634,659 | 24,713,330 |
| Minnesota | 2,530,089 | 22,428,915 |
| Missouri | 4,102,600 | 40,488,332 |
| Montana | 183,017 | 2,043,201 |
| Nebraska | 297,738 | 2,899,164 |
| New Jersey | 3,332,911 | 35,996,820 |
| New York | 8,658,043 | 85,196,356 |
| Ohio | 3,703,402 | 33,263,680 |
| Pennsylvania | 5,972,298 | 55,151,883 |
| Tennessee | 115,600 | 1,241,449 |
| Texas | 801,911 | 8,886,303 |
| MALT LIQUORS (BEER, ALE, PORTER, ETC.)—continued | *Barrels* | |
| Virginia | 113,892 | $1,338,400 |
| Washington | 707,074 | 9,035,729 |
| Wisconsin | 5,699,412 | 52,532,704 |
| Other States [1] | 1,241,236 | 12,303,123 |
| MALT EXTRACT | *Pounds* | |
| United States [2] | 92,306,416 | 5,561,967 |
| BREWERS' GRAINS | | |
| United States | | 2,600,994 |
| California | | 69,122 |
| Connecticut | | 14,538 |
| Illinois | | 280,805 |
| Indiana | | 127,852 |
| Kentucky | | 61,472 |
| Maryland | | 39,877 |
| Massachusetts | | 108,545 |
| Michigan | | 110,998 |
| Minnesota | | 66,078 |
| New Jersey | | 148,242 |
| New York | | 192,845 |
| Ohio | | 84,410 |
| Pennsylvania | | 337,212 |
| Wisconsin | | 453,905 |
| Other States [3] | | 505,093 |

[1] Arizona, Delaware, District of Columbia, Georgia, Iowa, Nevada, New Hampshire, North Carolina, Oklahoma, Oregon, Rhode Island, South Dakota, Utah, West Virginia, Wyoming.
[2] California, Illinois, Iowa, Maryland, Missouri, New York, Ohio.
[3] Colorado, Delaware, Florida, Idaho, Missouri, Montana, Rhode Island, South Dakota, Tennessee, Texas, Utah, Virginia, Washington, West Virginia, Wyoming.

## TABLE 6.—MATERIALS CONSUMED, BY KIND, QUANTITY, AND COST, BY STATES: 1939

[Statistics are given for each State for which separate figures can be published without disclosing, exactly or approximately, data reported by individual establishments. Certain of the "Other States," however, reported larger amounts of materials consumed than some of the States for which separate figures are given. The value of products of the 601 establishments which reported the consumption of materials, in detail, represented 99.7 percent of the total value of products for the industry]

| | Pounds | Cost |
|---|---|---|
| CORN | | |
| United States | 13,764,034 | $182,940 |
| Ohio | 8,554,640 | 92,391 |
| Wisconsin | 232,040 | 6,130 |
| Other States | 4,977,354 | 84,419 |
| BARLEY | | |
| United States | 30,864,472 | 730,329 |
| Illinois | 15,672,883 | 400,049 |
| Other States | 15,191,589 | 330,280 |
| RICE | | |
| United States | 186,114,070 | 4,024,509 |
| California | 15,222,249 | 331,296 |
| Florida | 1,883,069 | 38,821 |
| Illinois | 12,723,010 | 284,828 |
| Kentucky | 4,010,940 | 97,794 |
| Louisiana | 6,782,300 | 117,955 |
| Maryland | 4,498,524 | 97,174 |
| Michigan | 10,125,110 | 247,161 |
| Missouri | 51,286,783 | 1,087,982 |
| Montana | 1,292,400 | 36,461 |
| New York | 17,031,739 | 370,948 |
| Ohio | 11,553,131 | 255,450 |
| Pennsylvania | 12,035,569 | 271,596 |
| Texas | 11,619,560 | 180,935 |
| Washington | 5,892,037 | 144,093 |
| Other States | 20,157,649 | 462,015 |
| MALT (BARLEY AND OTHER) | | |
| United States | 2,005,735,362 | 53,659,929 |
| California | 93,089,656 | 2,426,542 |
| Colorado | 9,111,437 | 266,119 |
| Florida | 8,181,905 | 245,229 |
| Idaho | 1,493,051 | 53,499 |
| Illinois | 130,011,594 | 3,181,517 |
| Indiana | 59,487,440 | 1,565,155 |
| Kentucky | 25,149,448 | 704,440 |
| Louisiana | 27,080,398 | 773,063 |
| Maryland | 57,527,398 | 1,568,064 |
| Massachusetts | 52,521,800 | 1,488,093 |
| Michigan | 99,635,504 | 2,765,218 |
| Minnesota | 91,288,514 | 2,008,596 |
| Missouri | 144,968,432 | 3,508,437 |
| Montana | 7,099,080 | 225,191 |
| Nebraska | 10,356,800 | 258,059 |
| New Jersey | 133,485,860 | 3,789,805 |
| New York | 341,840,361 | 9,463,317 |
| MALT—continued | | |
| Ohio | 140,614,755 | $3,766,973 |
| Pennsylvania | 230,671,353 | 6,560,170 |
| Tennessee | 3,928,876 | 113,385 |
| Texas | 29,377,624 | 921,091 |
| Virginia | 4,281,433 | 123,400 |
| Washington | 26,167,759 | 834,819 |
| Wisconsin | 204,755,613 | 4,940,024 |
| Other States | 73,609,271 | 2,109,663 |
| MALT EXTRACT | | |
| United States | 21,267,337 | 1,096,166 |
| Maryland | 1,834,294 | 100,796 |
| Michigan | 338,035 | 16,013 |
| Montana | 62,624 | 3,310 |
| New York | 4,343,093 | 223,909 |
| Pennsylvania | 1,267,485 | 71,557 |
| Wisconsin | 1,428,551 | 79,193 |
| Other States | 11,993,255 | 601,388 |
| GRITS | | |
| United States | 339,178,253 | 5,533,840 |
| California | 11,704,858 | 225,472 |
| Connecticut | 2,390,896 | 41,217 |
| Illinois | 36,742,224 | 530,207 |
| Indiana | 11,395,400 | 200,568 |
| Maryland | 3,593,900 | 56,462 |
| Massachusetts | 2,474,463 | 53,380 |
| Michigan | 13,235,678 | 200,723 |
| Minnesota | 15,231,382 | 289,545 |
| Missouri | 10,156,900 | 156,470 |
| New Jersey | 29,486,499 | 486,899 |
| New York | 70,644,258 | 1,235,579 |
| Ohio | 28,645,056 | 433,978 |
| Pennsylvania | 21,107,481 | 370,014 |
| Washington | 1,944,841 | 47,462 |
| Wisconsin | 63,834,370 | 875,785 |
| Other States | 16,590,047 | 330,079 |
| FLAKES | | |
| United States | 116,371,359 | 2,073,224 |
| Connecticut | 2,123,720 | 37,532 |
| Illinois | 4,381,960 | 76,938 |
| Indiana | 6,181,000 | 96,597 |
| Maryland | 4,767,240 | 95,519 |
| Massachusetts | 3,731,110 | 70,589 |
| Michigan | 13,308,328 | 219,367 |
| Minnesota | 731,073 | 21,916 |
| New Jersey | 4,361,489 | 81,759 |
| FLAKES—continued | | |
| New York | 13,476,163 | $263,483 |
| Ohio | 8,610,037 | 139,878 |
| Pennsylvania | 39,042,858 | 643,013 |
| Wisconsin | 6,624,425 | 140,964 |
| Other States | 9,031,956 | 185,669 |
| HOPS | | |
| United States | 33,518,863 | 11,115,525 |
| California | 1,588,137 | 479,605 |
| Colorado | 139,801 | 66,845 |
| Connecticut | 378,139 | 105,698 |
| Florida | 133,535 | 41,499 |
| Idaho | 23,518 | 6,592 |
| Illinois | 2,679,762 | 768,949 |
| Indiana | 927,848 | 269,525 |
| Kentucky | 488,574 | 158,812 |
| Louisiana | 427,606 | 136,287 |
| Maryland | 834,019 | 295,050 |
| Massachusetts | 1,258,908 | 341,489 |
| Michigan | 1,520,752 | 537,778 |
| Minnesota | 1,463,400 | 565,496 |
| Missouri | 2,237,339 | 1,032,056 |
| Montana | 109,018 | 47,480 |
| Nebraska | 154,976 | 56,620 |
| New Jersey | 2,156,790 | 648,126 |
| New York | 5,380,602 | 1,853,926 |
| Ohio | 2,456,308 | 832,107 |
| Pennsylvania | 3,786,621 | 1,290,101 |
| Tennessee | 58,893 | 16,831 |
| Texas | 452,926 | 221,010 |
| Virginia | 66,355 | 22,556 |
| Washington | 399,945 | 150,481 |
| Wisconsin | 3,231,401 | 873,435 |
| Other States | 1,163,690 | 297,171 |
| HOP EXTRACT | | |
| United States | 107,657 | 84,509 |
| SUGAR | | |
| United States | 80,989,410 | 2,785,999 |
| California | 3,252,496 | 119,646 |
| Connecticut | 1,755,275 | 60,133 |
| Florida | 648,199 | 27,214 |
| Illinois | 2,323,485 | 80,099 |

TABLE 6.—MATERIALS CONSUMED, BY KIND, QUANTITY, AND COST, BY STATES: 1939—Continued

| | Pounds | Cost |
|---|---|---|
| SUGAR—continued | | |
| Indiana | 2,832,653 | $93,004 |
| Louisiana | 4,850,515 | 171,246 |
| Maryland | 1,698,415 | 59,743 |
| Massachusetts | 10,691,924 | 342,311 |
| Michigan | 1,721,187 | 52,030 |
| Minnesota | 8,120,538 | 301,509 |
| Missouri | 264,904 | 8,722 |
| Montana | 94,650 | 4,632 |
| New Jersey | 8,620,117 | 298,862 |
| New York | 10,892,168 | 380,230 |
| Ohio | 4,836,797 | 170,928 |
| Oregon | 108,452 | 5,237 |
| Pennsylvania | 5,919,153 | 200,608 |
| Virginia | 313,271 | 13,448 |
| Wisconsin | 3,794,066 | 122,135 |
| Wyoming | 32,475 | 1,800 |
| Other States | 8,218,670 | 272,462 |

| | Pounds | Cost |
|---|---|---|
| CORN SIRUP | | |
| United States | 48,515,385 | $2,014,609 |
| Illinois | 3,287,385 | 86,471 |
| Indiana | 2,367,042 | 106,726 |
| Maryland | 2,826,610 | 112,734 |
| Massachusetts | 1,338,548 | 54,312 |
| New Jersey | 2,066,589 | 96,249 |
| New York | 7,505,243 | 310,164 |
| Ohio | 2,259,160 | 98,769 |
| Pennsylvania | 11,317,763 | 569,901 |
| Wisconsin | 4,081,260 | 114,044 |
| Other States | 11,465,785 | 465,239 |
| YEAST | | |
| United States | 963,199 | 470,606 |
| Minnesota | 641 | 362 |
| Pennsylvania | 14,527 | 8,149 |
| Other States | 948,031 | 462,095 |

| | Pounds | Cost |
|---|---|---|
| OTHER MATERIALS | | |
| United States | | $7,093,820 |
| California | | 119,334 |
| Connecticut | | 28,291 |
| Florida | | 8,230 |
| Illinois | | 87,201 |
| Indiana | | 71,888 |
| Kentucky | | 45,905 |
| Louisiana | | 62,251 |
| Maryland | | 118,387 |
| Massachusetts | | 97,097 |
| Michigan | | 154,327 |
| New Jersey | | 160,263 |
| New York | | 553,942 |
| Ohio | | 404,141 |
| Pennsylvania | | 356,244 |
| Texas | | 69,412 |
| Other States | | 4,756,907 |

TABLE 7.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| TATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 36,088 | 33,320 | 33,278 | 34,069 | 35,322 | 36,837 | 39,133 | 39,663 | 39,039 | 37,977 | 35,718 | 34,379 | 34,327 |
| 1937 | 47,037 | 42,029 | 42,250 | 44,627 | 46,005 | 48,398 | 51,471 | 53,062 | 52,351 | 50,468 | 46,436 | 44,311 | 43,039 |
| California | 1,916 | 1,573 | 1,592 | 1,763 | 1,891 | 1,978 | 2,175 | 2,207 | 2,120 | 2,183 | 1,870 | 1,893 | 1,749 |
| Colorado | 204 | 178 | 186 | 190 | 202 | 214 | 224 | 229 | 223 | 216 | 202 | 189 | 189 |
| Connecticut | 317 | 317 | 313 | 314 | 312 | 319 | 326 | 331 | 327 | 323 | 312 | 304 | 303 |
| Florida | 205 | 201 | 194 | 216 | 211 | 218 | 207 | 217 | 216 | 200 | 199 | 195 | 191 |
| Idaho | 38 | 28 | 32 | 33 | 40 | 40 | 43 | 45 | 50 | 42 | 36 | 35 | 34 |
| Illinois | 2,517 | 2,367 | 2,392 | 2,399 | 2,474 | 2,571 | 2,759 | 2,790 | 2,638 | 2,635 | 2,438 | 2,349 | 2,387 |
| Indiana | 1,650 | 1,526 | 1,489 | 1,484 | 1,639 | 1,643 | 1,821 | 1,870 | 1,871 | 1,671 | 1,656 | 1,562 | 1,571 |
| Iowa | 105 | 97 | 95 | 94 | 104 | 113 | 130 | 130 | 121 | 120 | 89 | 83 | 85 |
| Kentucky | 758 | 694 | 694 | 699 | 715 | 742 | 796 | 829 | 800 | 817 | 784 | 774 | 749 |
| Louisiana | 661 | 599 | 594 | 644 | 617 | 668 | 684 | 730 | 718 | 712 | 687 | 645 | 639 |
| Maryland | 1,083 | 1,054 | 1,037 | 1,027 | 1,040 | 1,095 | 1,134 | 1,150 | 1,153 | 1,120 | 1,072 | 1,054 | 1,065 |
| Massachusetts | 754 | 724 | 721 | 717 | 726 | 754 | 791 | 817 | 798 | 782 | 745 | 739 | 738 |
| Michigan | 1,848 | 1,819 | 1,760 | 1,795 | 1,847 | 1,919 | 2,032 | 2,019 | 1,935 | 1,808 | 1,731 | 1,740 | 1,766 |
| Minnesota | 1,654 | 1,388 | 1,408 | 1,415 | 1,572 | 1,717 | 1,950 | 2,004 | 1,942 | 1,834 | 1,651 | 1,471 | 1,494 |
| Missouri | 3,727 | 3,218 | 3,295 | 3,339 | 3,759 | 3,932 | 4,163 | 4,011 | 4,089 | 4,032 | 3,728 | 3,557 | 3,604 |
| Montana | 145 | 118 | 118 | 119 | 142 | 155 | 154 | 173 | 175 | 160 | 143 | 145 | 137 |
| Nebraska | 266 | 228 | 228 | 255 | 270 | 278 | 295 | 311 | 297 | 284 | 259 | 250 | 243 |
| New Jersey | 1,350 | 1,268 | 1,243 | 1,342 | 1,300 | 1,366 | 1,462 | 1,480 | 1,436 | 1,383 | 1,303 | 1,300 | 1,314 |
| New York | 4,395 | 4,208 | 4,186 | 4,237 | 4,259 | 4,446 | 4,639 | 4,723 | 4,691 | 4,577 | 4,392 | 4,198 | 4,189 |
| Ohio | 2,818 | 2,657 | 2,622 | 2,671 | 2,703 | 2,855 | 2,986 | 3,079 | 3,027 | 2,931 | 2,817 | 2,728 | 2,743 |
| Oklahoma | 67 | 64 | 63 | 64 | 65 | 65 | 72 | 72 | 72 | 70 | 67 | 66 | 64 |
| Oregon | 79 | 68 | 68 | 67 | 76 | 78 | 84 | 86 | 93 | 93 | 82 | 81 | 73 |
| Pennsylvania | 3,717 | 3,543 | 3,569 | 3,604 | 3,655 | 3,712 | 3,863 | 3,912 | 3,919 | 3,853 | 3,686 | 3,642 | 3,650 |
| Rhode Island | 317 | 323 | 309 | 316 | 321 | 322 | 332 | 329 | 332 | 323 | 338 | 277 | 283 |
| Tennessee | 143 | 135 | 131 | 130 | 132 | 136 | 133 | 155 | 156 | 152 | 146 | 149 | 156 |
| Texas | 690 | 600 | 643 | 675 | 722 | 724 | 740 | 754 | 759 | 753 | 678 | 614 | 614 |
| Virginia | 85 | 83 | 84 | 84 | 81 | 88 | 88 | 87 | 87 | 84 | 85 | 84 | 83 |
| Washington | 562 | 500 | 491 | 541 | 565 | 594 | 621 | 634 | 625 | 603 | 563 | 509 | 495 |
| Wisconsin | 3,567 | 3,344 | 3,314 | 3,416 | 3,434 | 3,639 | 3,923 | 3,982 | 3,867 | 3,746 | 3,526 | 3,314 | 3,301 |
| Wyoming | 60 | 49 | 50 | 51 | 58 | 62 | 77 | 73 | 82 | 68 | 50 | 56 | 48 |

TABLE 8.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 605 |
| Reporting expenditures for plant and equipment | 458 |
| Value of products: | |
| Total for the industry | $526,076,938 |
| Reporting expenditures for plant and equipment | 493,936,599 |
| Expenditures for plant and equipment: | |
| Total for the industry | 22,898,210 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 5,793,846 |
| Expenditures for new machinery and operating equipment | 14,389,681 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 1,590,912 |
| Expenditures unclassified | 1,123,771 |

TABLE 9.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $44,552,435 | $49,224,844 |
| Finished products | 19,382,180 | 21,067,368 |
| Materials, supplies, etc | 25,170,255 | 28,157,476 |
| End of year, total | 47,281,892 | 51,217,982 |
| Finished products | 18,964,633 | 23,077,433 |
| Materials, supplies, etc | 28,317,259 | 28,140,549 |
| Value of products for the industry, total | 526,076,938 | 537,105,238 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 522,006,762 | 522,239,790 |
| Value for establishments not reporting inventories | 4,070,176 | 14,865,448 |

TABLE 10.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939[1]

| | 1939 |
|---|---|
| Number of establishments | 605 |
| Number of establishments reporting power equipment | 600 |
| Prime movers, aggregate: | |
| Number | 1,441 |
| Horsepower | 187,266 |
| Prime movers, driving generators, total— | |
| Number | 527 |
| Horsepower | 106,172 |
| Steam engines— | |
| Number | 430 |
| Horsepower | 63,303 |
| Steam turbines— | |
| Number | 43 |
| Horsepower | 39,799 |
| Diesel and semi-Diesel engines— | |
| Number | 9 |
| Horsepower | 2,040 |
| Other internal-combustion engines [2]— | |
| Number | 40 |
| Horsepower | 430 |
| Hydroturbines and water wheels— | |
| Number | 5 |
| Horsepower | 600 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 12,585 |
| Prime movers not driving generators, total— | |
| Number | 914 |
| Horsepower | 81,094 |
| Steam engines— | |
| Number | 845 |
| Horsepower | 75,355 |
| Steam turbines— | |
| Number | 56 |
| Horsepower | 4,280 |
| Prime movers—Continued. | |
| Prime movers not driving generators—Continued. | |
| Diesel and semi-Diesel engines— | |
| Number | 6 |
| Horsepower | 687 |
| Other internal-combustion engines [2]— | |
| Number | 2 |
| Horsepower | 105 |
| Hydroturbines and water wheels— | |
| Number | 5 |
| Horsepower | 667 |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 6,634 |
| Generators, kilowatt rating, total | 64,527 |
| Generators, driven by— | |
| Steam engines, kilowatt rating | 36,166 |
| Steam turbines, kilowatt rating | 26,605 |
| Diesel and semi-Diesel engines, kilowatt rating | 1,350 |
| Other internal-combustion engines,[2] kilowatt rating | 286 |
| Hydroturbines and water wheels, kilowatt rating | 120 |
| Generators, ordinarily idle (included above), kilowatt rating | 8,227 |
| Electric motors, total: | |
| Number | 35,929 |
| Horsepower | 238,058 |
| Driven by purchased energy— | |
| Number | 23,751 |
| Horsepower | 164,792 |
| Driven by energy generated in establishments reporting— | |
| Number | 12,178 |
| Horsepower | 73,266 |
| Electric energy (kilowatt-hours): | |
| Generated in plant | 156,462,936 |
| Sold | 24,600,928 |
| Purchased | 212,532,114 |

[1] Comparable data for 1929 not available.

[2] Gas, gasoline, etc.

# MALT

[A preliminary report for this industry was issued November 7, 1940]

**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.

**Comparative figures for 1933 and prior years.**—At the 1935 census, for the first time, malt houses operated by breweries were classified in the Malt industry and reported separately from breweries, and for this reason the figures for 1933 and previous years are not strictly comparable with those for 1935 and subsequent years.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1899 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 52 | 1,459 | $2,593,142 | $39,295,774 | $58,478,581 | $19,182,807 | 14,486 |
| 1937 | 56 | 1,644 | 2,923,387 | 76,117,728 | 94,629,627 | 18,511,899 | (5) |
| 1935 | 54 | 1,439 | 2,348,008 | 56,411,961 | 75,118,334 | 18,706,373 | (5) |
| 1933 [7] | 30 | 848 | 1,283,431 | 20,662,150 | 27,922,786 | 7,260,636 | (5) |
| 1931 | 27 | 540 | 866,480 | 13,919,952 | 19,241,934 | 5,321,982 | (5) |
| 1929 | 28 | 590 | 1,056,759 | 18,923,749 | 23,602,938 | 4,679,189 | 10,056 |
| 1927 | 23 | 500 | 904,420 | 17,186,750 | 20,274,172 | 3,087,422 | 9,750 |
| 1925 | 23 | 568 | 902,830 | 19,986,251 | 24,069,238 | 4,082,987 | 9,213 |
| 1923 | 22 | 487 | 741,656 | 13,153,900 | 16,431,052 | 3,277,152 | 8,160 |
| 1921 | 26 | 616 | 923,834 | 17,458,265 | 21,004,649 | 3,546,384 | (5) |
| 1919 | 55 | 1,352 | 1,845,210 | 31,612,707 | 39,340,414 | 7,727,707 | 18,722 |
| 1914 | 97 | 1,989 | 1,827,520 | 39,198,931 | 48,132,833 | 8,933,902 | 24,758 |
| 1909 | 114 | 1,760 | 1,348,067 | 30,464,299 | 38,252,233 | 7,787,934 | 20,852 |
| 1904 | 141 | 2,054 | 1,456,908 | 23,620,984 | 30,288,984 | 6,668,000 | 18,582 |
| 1899 | 146 | 1,990 | 1,182,513 | 14,816,741 | 19,373,600 | 4,556,859 | 13,343 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.
[7] See second paragraph of text "Comparative figures for 1933 and prior years."

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | California | Illinois | Minnesota | New York | Wisconsin | Other States [1] |
|---|---|---|---|---|---|---|---|
| Number of establishments [2] | 52 | 7 | 5 | 8 | 4 | 21 | 7 |
| Proprietors and firm members | 2 | | | | | 2 | |
| Persons reported by manufacturing establishments, total [3] | 1,902 | 85 | 294 | 297 | 145 | 931 | 149 |
| Salaried officers of corporations [3] | 50 | 4 | 2 | 1 | 11 | 23 | 9 |
| Manufacturing: | | | | | | | |
| Salaried employees [3] | 231 | 11 | 30 | 40 | 14 | 119 | 17 |
| Wage earners (average for the year) [4] | 1,459 | 56 | 255 | 229 | 110 | 695 | 113 |
| Distribution | 77 | 11 | 5 | 8 | 9 | 37 | 7 |
| Construction | 68 | | 2 | 19 | 1 | 43 | 3 |
| Other | 17 | 3 | | | | 14 | |
| Salaries and wages, total [3] | $4,136,702 | $257,460 | $704,892 | $499,304 | $393,534 | $2,013,662 | $267,850 |
| Salaried officers [3] | 677,132 | 50,767 | 19,200 | 7,250 | 153,488 | 404,883 | 41,544 |
| Manufacturing: | | | | | | | |
| Salaries [3] | 588,471 | 38,591 | 81,234 | 97,263 | 33,134 | 300,367 | 37,882 |
| Wages | 2,593,142 | 134,289 | 543,372 | 378,820 | 189,576 | 1,178,753 | 168,332 |
| Distribution | 193,709 | 22,333 | 56,732 | 14,311 | 15,256 | 71,998 | 13,079 |
| Construction | 46,998 | | 4,354 | 1,660 | 2,080 | 31,891 | 7,013 |
| Other | 37,250 | 11,480 | | | | 25,770 | |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 39,295,774 | 1,492,324 | 6,330,071 | 6,029,428 | 3,819,203 | 19,042,604 | 2,582,144 |
| Materials, supplies, and containers | 37,321,880 | 1,420,200 | 6,022,483 | 5,646,546 | 3,686,963 | 18,095,418 | 2,450,270 |
| Fuel | 1,345,639 | 33,629 | 203,322 | 226,039 | 90,000 | 720,910 | 71,739 |
| Purchased electric energy | 628,255 | 38,495 | 104,266 | 156,843 | 42,240 | 226,276 | 60,135 |
| Contract work | | | | | | | |
| Value of products | 58,478,581 | 2,115,668 | 9,298,353 | 9,071,682 | 5,431,128 | 28,479,039 | 4,082,711 |
| Value added by manufacture [5] | 19,182,807 | 623,344 | 2,968,282 | 3,042,254 | 1,611,925 | 9,436,435 | 1,500,567 |

[1] Colorado, 1 establishment; Michigan, 2; Missouri, 1; Montana, 1; New Jersey, 1; Utah, 1.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | [1] 1929 |
|---|---|---|---|
| "Malt" industry, all products, total value | $58,478,581 | $94,629,627 | $23,602,938 |
| Malt products (including sprouts, screenings, chaff, etc.) | 58,210,315 | 94,264,695 | 23,026,853 |
| Miscellaneous products | [2] 187,218 | 364,932 | 576,085 |
| Receipts for contract work | 81,048 | | |
| Malt products, total value | 58,268,857 | 94,296,229 | 23,198,618 |
| Made in the industry | 58,210,315 | 94,264,695 | 23,026,853 |
| Made as secondary products in the "Flavoring extracts and flavoring sirups, not elsewhere classified" industry | 58,542 | 31,534 | 171,765 |

[1] See second paragraph of text, "Comparative figures for 1933 and prior years."
[2] Value of wheat and barley malt flour, etc.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | [1] 1929 |
|---|---|---|---|
| Malt products, total value | $58,268,857 | $94,296,229 | $23,198,618 |
| Barley malt: | | | |
| Total bushels | 64,874,135 | 67,074,129 | 25,965,509 |
| Total value | $55,117,196 | $88,506,195 | $20,822,600 |
| Made for sale: | | | |
| Bushels | 56,201,481 | 58,713,569 | 25,965,509 |
| Value | $48,104,325 | $78,840,780 | $20,822,600 |
| Made by malt houses for consumption in breweries under same ownership: | | | |
| Bushels | 8,672,654 | 8,360,560 | ---------- |
| Value | $7,012,871 | $9,665,415 | ---------- |
| Rye and wheat malt: | | | |
| Bushels | 631,789 | 634,437 | 238,816 |
| Value | $452,929 | $726,360 | $291,485 |
| Sprouts, screenings, chaff, etc., value | $2,698,732 | $5,063,674 | $2,084,533 |

[1] See second paragraph of text, "Comparative figures for 1933 and prior years."

TABLE 5.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

| PRODUCT AND STATE | Bushels | Value |
|---|---|---|
| United States | ---------- | $58,268,857 |
| MALT | | |
| Total | 65,505,924 | 55,570,125 |
| BARLEY MALT | | |
| *Made for sale* | | |
| United States | 56,201,481 | 48,104,325 |
| California | 1,938,524 | 1,452,478 |
| Illinois | 10,673,558 | 8,599,915 |
| Minnesota | 9,797,043 | 8,003,636 |
| New York | 4,829,801 | 5,244,771 |
| Wisconsin | 27,274,813 | 23,289,443 |
| Other States [1] | 1,687,742 | 1,514,082 |
| *Made by brewers for own use* | | |
| United States | 8,672,654 | 7,012,871 |
| California | 695,583 | 590,914 |
| Other States [2] | 7,977,071 | 6,421,957 |
| RYE AND WHEAT MALT | | |
| United States [3] | 631,789 | 452,929 |
| SPROUTS, SCREENINGS, CHAFF, AND SKIMMINGS | | |
| United States | ---------- | 2,698,732 |
| California | ---------- | 51,244 |
| Illinois | ---------- | 449,957 |
| Minnesota | ---------- | 452,076 |
| New York | ---------- | 215,627 |
| Wisconsin | ---------- | 1,435,369 |
| Other States [4] | ---------- | 94,459 |

[1] Colorado, Michigan, New Jersey, Utah.
[2] Illinois, Minnesota, Missouri, Utah, Wisconsin.
[3] State figures withheld from publication in order to avoid disclosing data for individual establishments.
[4] Colorado, Michigan, Missouri, Montana, New Jersey, Utah.

TABLE 6.—PRINCIPAL MATERIALS CONSUMED, BY KIND AND QUANTITY, BY STATES: 1939

| MATERIAL AND STATE | Bushels |
|---|---|
| BARLEY | |
| United States | 61,009,447 |
| California | 2,367,216 |
| Illinois | 10,264,664 |
| Minnesota | 10,019,269 |
| New York | 4,450,953 |
| Wisconsin | 29,677,119 |
| Other States | 4,230,226 |
| RYE | |
| United States | 329,986 |

TABLE 7.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 1,459 | 1,536 | 1,524 | 1,501 | 1,508 | 1,500 | 1,397 | 1,348 | 1,295 | 1,370 | 1,483 | 1,516 | 1,525 |
| 1937 | 1,644 | 1,608 | 1,669 | 1,682 | 1,692 | 1,711 | 1,641 | 1,614 | 1,565 | 1,602 | 1,680 | 1,652 | 1,607 |
| 1929 [1] | 590 | 674 | 658 | 657 | 630 | 571 | 516 | 482 | 523 | 617 | 588 | 588 | 580 |
| California | 56 | 50 | 60 | 58 | 61 | 62 | 63 | 63 | 55 | 55 | 48 | 50 | 50 |
| Illinois | 255 | 287 | 282 | 281 | 270 | 273 | 229 | 197 | 182 | 225 | 280 | 278 | 273 |
| Minnesota | 229 | 239 | 240 | 244 | 245 | 238 | 219 | 187 | 210 | 209 | 234 | 245 | 243 |
| New York | 110 | 114 | 113 | 115 | 116 | 116 | 107 | 98 | 94 | 96 | 110 | 119 | 122 |
| Wisconsin | 695 | 726 | 709 | 691 | 699 | 695 | 666 | 708 | 676 | 671 | 693 | 695 | 710 |

[1] See second paragraph of text, "Comparative figures for 1933 and earlier years."

TABLE 8.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 52 |
| Reporting expenditures for plant and equipment | 40 |
| Value of products: | |
| Total for the industry | $58,478,581 |
| Reporting expenditures for plant and equipment | 56,539,689 |
| Expenditures for plant and equipment: | |
| Total for the industry | 1,249,110 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 655,438 |
| Expenditures for new machinery and operating equipment | 588,675 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 4,997 |

TABLE 9.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $15,750,596 | $28,246,286 |
| Finished products | 9,971,318 | 12,144,528 |
| Materials, supplies, etc | 5,779,278 | 16,101,758 |
| End of year, total | 18,655,119 | 21,174,889 |
| Finished products | 10,383,298 | 13,989,226 |
| Materials, supplies, etc | 8,271,821 | 7,185,663 |
| Value of products for the industry, total | 58,478,581 | 94,629,627 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 58,339,953 | 93,651,449 |
| Value for establishments not reporting inventories | 138,628 | 978,178 |

TABLE 10.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 52 | 28 |
| Number of establishments reporting power equipment | 52 | 28 |
| Prime movers, aggregate: | | |
| Number | 42 | 36 |
| Horsepower | 14,486 | 10,056 |

TABLE 10.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929—Continued

| | 1939 | 1929 |
|---|---|---|
| Prime movers—Continued. | | |
| Prime movers, driving generators, total— | | |
| Number | 31 | [1] 36 |
| Horsepower | 13,365 | [1] 10,056 |
| Steam engines— | | |
| Number | 27 | [1] 32 |
| Horsepower | 9,870 | [1] 8,901 |
| Steam turbines— | | |
| Number | 4 | [1] 3 |
| Horsepower | 3,495 | [1] 1,150 |
| Diesel and semi-Diesel engines— | | |
| Number | | [1] 1 |
| Horsepower | | [1] 5 |
| Other internal-combustion engines [2]— | | |
| Number | | |
| Horsepower | | |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 1,400 | |
| Prime movers not driving generators, total— | | |
| Number | 11 | |
| Horsepower | 1,121 | |
| Steam engines— | | |
| Number | 9 | |
| Horsepower | 1,031 | (3) |
| Steam turbines— | | |
| Number | 1 | |
| Horsepower | 50 | |
| Hydroturbines and water wheels— | | |
| Number | 1 | |
| Horsepower | 40 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 100 | |
| Generators, kilowatt rating, total | 9,134 | 7,167 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 6,434 | (3) |
| Steam turbines, kilowatt rating | 2,700 | |
| Generators, ordinarily idle (included above), kilowatt rating | 902 | (4) |
| Electric motors, total: | | |
| Number | 3,934 | 856 |
| Horsepower | 53,384 | 17,575 |
| Driven by purchased energy— | | |
| Number | 2,590 | 425 |
| Horsepower | 35,954 | 8,042 |
| Driven by energy generated in establishments reporting— | | |
| Number | 1,344 | 431 |
| Horsepower | 17,430 | 9,533 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 25,277,546 | (4) |
| Purchased | 61,504,522 | 11,939,480 |

[1] Includes data for prime movers not driving generators.
[2] Gas, gasoline, etc.
[3] Not called for on schedule.
[4] Data not available.

# WINES

[A preliminary report for this industry was issued December 13, 1940]

**Description of the industry.**—This industry embraces establishments engaged primarily in the production of fermented wines. It does not cover those engaged solely in fortifying wines made by others, or those bottling wines not of their own manufacture. No data for internal-revenue taxes are included in any figures in this report.

**Comparative figures for earlier years.**—As no vinous liquors were legally made for general beverage purposes during the period within which the National Prohibition Act was in force, and as 1914 was the last normal preprohibition year for which census figures are available, statistics for that year are given in comparison with those for 1933 and subsequent years.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1899 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 301 | 2,056 | $2,023,106 | $19,386,754 | $32,782,080 | $13,395,326 | 2,422 |
| 1937 | 337 | 3,005 | 3,051,175 | 23,585,641 | 42,732,657 | 19,147,016 | (5) |
| 1935 | 315 | 2,335 | 2,106,950 | 15,316,507 | 36,432,332 | 21,115,825 | (6) |
| 1933 | 212 | 1,262 | 971,809 | 9,301,500 | 24,083,858 | 14,782,358 | (5) |
| 1914 [7] | 318 | 2,292 | 1,194,433 | 9,489,428 | 16,618,378 | 7,128,950 | 6,084 |
| 1909 | 290 | 1,911 | 971,502 | 6,625,533 | 13,120,846 | 6,495,313 | 5,399 |
| 1904 | 435 | 1,913 | 1,001,554 | 5,693,394 | 11,097,853 | 5,404,459 | 5,992 |
| 1899 | 359 | 1,163 | 446,055 | 3,689,330 | 6,547,310 | 2,857,980 | 3,329 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.
[7] See second paragraph of text, "Comparative figures for earlier years."

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Arkansas | California | Michigan | New Jersey | New York | Ohio | Oregon | Washington | Other States [1] |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [2] | 301 | 8 | 165 | 10 | 8 | 39 | 36 | 3 | 16 | 16 |
| Proprietors and firm members | 214 | 7 | 138 | ---------- | 4 | 13 | 32 | 2 | 7 | 11 |
| Persons reported by manufacturing establishments, total [3] | 3,491 | 39 | 1,848 | 204 | 119 | 725 | 247 | 21 | 152 | 137 |
| Salaried officers of corporations [3] | 172 | 3 | 73 | 19 | 2 | 34 | 13 | 3 | 17 | 8 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [3] | 504 | 2 | 314 | 26 | 22 | 67 | 36 | ---------- | 22 | 15 |
| Wage earners (average for the year) [4] | 2,056 | 33 | 1,112 | 94 | 85 | 428 | 122 | 12 | 88 | 83 |
| Distribution | 585 | 1 | 191 | 65 | 10 | 186 | 76 | 4 | 23 | 29 |
| Construction | 109 | ---------- | 97 | ---------- | ---------- | 10 | ---------- | 2 | ---------- | ---------- |
| Other | 65 | ---------- | 61 | ---------- | ---------- | ---------- | ---------- | ---------- | 2 | 2 |
| Salaries and wages, total [3] | $4,550,868 | $38,641 | $2,245,617 | $300,908 | $141,681 | $1,125,803 | $311,881 | $21,639 | $200,863 | $163,835 |
| Salaried officers [3] | 661,086 | 20,000 | 280,248 | 79,523 | 2,200 | 145,980 | 50,123 | 7,420 | 38,887 | 36,705 |
| Manufacturing: | | | | | | | | | | |
| Salaries [3] | 783,216 | 2,006 | 443,131 | 36,006 | 33,484 | 160,784 | 47,784 | ---------- | 40,903 | 19,118 |
| Wages | 2,023,106 | 15,435 | 1,138,034 | 92,183 | 98,197 | 405,981 | 115,266 | 8,570 | 91,277 | 58,163 |
| Distribution | 975,082 | 1,200 | 292,672 | 93,196 | 7,800 | 400,479 | 98,708 | 4,254 | 28,714 | 48,059 |
| Construction | 77,122 | ---------- | 63,148 | ---------- | ---------- | 12,579 | ---------- | 1,395 | ---------- | ---------- |
| Other | 31,256 | ---------- | 28,384 | ---------- | ---------- | ---------- | ---------- | ---------- | 1,082 | 1,790 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 19,386,754 | 63,087 | 13,542,794 | 614,991 | 251,155 | 3,041,517 | 748,153 | 36,219 | 589,010 | 499,828 |
| Materials, supplies, and containers | 18,825,902 | 60,902 | 13,143,186 | 601,743 | 239,589 | 2,988,892 | 725,048 | 34,378 | 574,223 | 457,941 |
| Fuel | 223,693 | 1,641 | 171,636 | 4,209 | 6,361 | 15,582 | 11,454 | 941 | 8,301 | 3,568 |
| Purchased electric energy | 289,259 | 544 | 215,122 | 9,039 | 5,205 | 37,043 | 10,651 | 900 | 5,186 | 5,569 |
| Contract work | 47,900 | ---------- | 12,850 | ---------- | ---------- | ---------- | 1,000 | ---------- | 1,300 | 32,750 |
| Value of products | 32,782,080 | 185,276 | 21,309,877 | 1,145,192 | 495,222 | 5,657,600 | 1,734,177 | 88,278 | 1,208,811 | 957,647 |
| Value added by manufacture [5] | 13,395,326 | 122,189 | 7,767,083 | 530,201 | 244,067 | 2,616,083 | 986,024 | 52,059 | 619,801 | 457,819 |

[1] Colorado, 1 establishment; Florida, 2; Georgia, 2; Illinois, 1; Iowa, 1; Louisiana, 2; Massachusetts, 1; Minnesota, 1; Missouri, 2; North Carolina, 2; Pennsylvania. 1.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939

[No comparable data available for 1937 and 1929]

| | 1939 |
|---|---|
| Wines industry, all products, total value | $32,782,080 |
| Wines [1] | 26,825,867 |
| Miscellaneous products | 357,216 |
| Other products (not classified in this industry) [2] | 3,384,349 |
| Receipts for contract work | 215,621 |
| Merchandise (goods bought and sold without processing) | 1,999,027 |

[1] Does not include substandard wines produced as distilling materials used in the manufacture of brandy or wines (including vermouth) produced in the "Liquors, rectified or blended" industry, data for which are included in the figures on "Cordials and liqueurs" in the report for that industry.
[2] Brandy, quantity and value of which is included in the "Liquors, distilled" industry; grape juice; vinegar.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939

[No comparable data available for 1937 and 1929]

| | 1939 |
|---|---|
| Wines,[1] total value | $26,825,867 |
| Still wine, including vermouth: | |
| Gallons | 81,975,530 |
| Value | $26,215,647 |
| Sparkling wine: | |
| Total gallons | 333,194 |
| Total value | $610,220 |
| Natural [2]: | |
| Gallons | 280,553 |
| Value | $520,247 |
| Artificially carbonated: | |
| Gallons | 52,641 |
| Value | $89,973 |

[1] See footnote 1, table 3.
[2] Includes all natural sparkling wines whether or not secondary fermentation took place in bottles or tanks.

TABLE 5.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

[See footnote 1, table 3]

| STATE [1] | TOTAL | | Still wines (including vermouth), gallons | SPARKLING WINES | | |
|---|---|---|---|---|---|---|
| | Gallons | Value | | Total gallons | Natural, gallons | Artificially carbonated, gallons |
| United States | 82,308,724 | $26,825,867 | 81,975,530 | 333,194 | 280,553 | 52,641 |
| Arkansas | 200,913 | 185,276 | 200,913 | | | |
| California | 71,730,477 | 18,779,236 | 71,637,561 | 92,916 | 84,209 | 8,707 |
| Michigan | 1,229,285 | 863,488 | 1,217,626 | 11,659 | (2) | (2) |
| New Jersey | 698,514 | 405,519 | (2) | (2) | (2) | (2) |
| New York | 3,566,719 | 3,175,935 | 3,439,563 | 127,156 | 101,974 | 25,182 |
| Ohio | 1,729,035 | 1,526,273 | 1,700,184 | 28,851 | (2) | (2) |
| Oregon | 189,842 | 88,062 | 189,842 | | | |
| Washington | 1,438,648 | 1,022,955 | (2) | (2) | (2) | |
| Other States [3] | 1,525,291 | 779,123 | (2) | (2) | (2) | |
| Undistributed | | | 3,589,841 | 72,612 | 94,370 | 18,752 |

[1] Statistics are given for each State for which separate figures can be published without disclosing, exactly or approximately, the production reported by individual establishments. Certain of the "Other States," however, reported larger amounts produced than some of the States for which separate figures are given.
[2] Included in figures for "Undistributed" in order to avoid disclosing, exactly or approximately, data reported by individual establishments.
[3] See footnote 1, table 2.

TABLE 6.—CONSUMPTION OF MATERIALS, BY KIND, QUANTITY, AND COST, FOR THE UNITED STATES: 1939

[No data available for 1937 and 1929]

| KIND | Quantity | Cost |
|---|---|---|
| | *Proof gallons* [1] | |
| Brandy | 12,440,324 | $3,896,834 |
| | *Gallons* | |
| Wine | 3,482,653 | 1,586,905 |
| Fruit juices | 568,892 | 183,849 |
| Cider | 162,114 | 10,651 |
| | *Pounds* | |
| Grapes | 1,269,588,774 | 9,212,201 |
| All other fruits | 41,715,253 | 672,929 |
| Sugar, total | 17,947,143 | 750,062 |
| Beet | 1,078,738 | 50,924 |
| Cane | 10,621,788 | 465,705 |
| Corn | 6,246,617 | 233,433 |
| Herbs | 4,341 | 8,626 |
| Alcohol and other materials | | 147,438 |

[1] See third paragraph ("Proof gallon") of text for the "Liquors, distilled" industry, p. 228.

TABLE 7.—CONSUMPTION OF MATERIALS, BY KIND, QUANTITY, AND COST, BY STATES: 1939

| KIND | Quantity | Cost |
|---|---|---|
| BRANDY | | |
| | *Proof gallons* [1] | |
| United States | 12,440,324 | $3,896,834 |
| Arkansas | 28,057 | 19,156 |
| California | 11,829,998 | 3,589,676 |
| Michigan | 140,619 | 54,971 |
| New York | 155,136 | 87,560 |
| Ohio | 95,712 | 51,413 |
| Washington | 143,610 | 68,993 |
| Other States: Colo., N. J., Oreg. | 47,192 | 25,065 |
| WINE | | |
| | *Gallons* | |
| United States | 3,482,653 | 1,586,905 |
| California | 639,412 | 119,816 |
| Michigan | 179,888 | 81,118 |
| New York | 2,248,480 | 1,193,500 |
| Ohio | 172,927 | 67,934 |
| Other States: Ill., Mo., N. J., Wash. | 241,946 | 124,537 |
| FRUIT JUICES | | |
| United States | 568,892 | 183,849 |
| California | 68,887 | 16,593 |
| New York | 61,649 | 26,647 |
| Ohio | 195,150 | 62,923 |
| Washington | 195,049 | 60,865 |
| Other States: Ark., Colo., Oreg. | 48,157 | 16,821 |
| CIDER | | |
| United States | 162,114 | 10,651 |
| Ohio | 34,580 | 2,641 |
| Other States: N. Y., Oreg., Wash. | 127,534 | 8,010 |
| GRAPES | | |
| | *Pounds* | |
| United States | 1,269,588,774 | 9,212,201 |
| Arkansas | 1,494,260 | 22,431 |
| California | 1,187,056,137 | 7,769,003 |
| Michigan | 16,049,274 | 294,842 |
| New Jersey | 4,119,626 | 47,692 |
| New York | 28,451,218 | 539,182 |
| Ohio | 13,872,246 | 231,022 |
| Washington | 5,936,094 | 110,929 |
| Other States: Colo., Fla., Ga., Ill., Iowa, La., Mass., Minn., Mo., N. C., Oreg., Pa. | 12,609,919 | 197,100 |

For footnote see end of table.

TABLE 7.—CONSUMPTION OF MATERIALS, BY KIND, QUANTITY, AND COST, BY STATES: 1939—Continued

| | Quantity | Cost |
|---|---|---|
| ALL OTHER FRUITS | | |
| United States | *Pounds* 41,715,253 | $672,929 |
| California | 12,471,762 | 121,079 |
| Michigan | 350,607 | 17,504 |
| New York | 9,768,670 | 243,706 |
| Ohio | 1,512,101 | 40,973 |
| Washington | 5,730,991 | 114,770 |
| Other States: Ark., Colo., Fla., Ga., La., N. J., N. C., Oreg. | 11,881,122 | 134,897 |
| SUGAR, TOTAL CONSUMPTION | | |
| United States | 17,947,143 | 750,062 |
| Arkansas | 149,763 | 6,736 |
| California | 366,800 | 17,351 |
| Michigan | 2,250,968 | 97,992 |
| New Jersey | 313,545 | 16,335 |
| New York | 8,170,215 | 345,667 |
| Ohio | 2,286,941 | 95,228 |
| Oregon | 158,468 | 6,799 |
| Washington | 2,671,010 | 97,591 |
| Other States: Colo., Fla., Ga., Iowa, La., Minn., N. C., Pa. | 1,579,433 | 66,363 |

TABLE 7.—CONSUMPTION OF MATERIALS, BY KIND, QUANTITY, AND COST, BY STATES: 1939—Continued

| | Quantity | Cost |
|---|---|---|
| CANE SUGAR | | |
| United States | *Pounds* 10,621,788 | $465,705 |
| Arkansas | 62,500 | 3,180 |
| New Jersey | 313,545 | 16,335 |
| New York | 7,142,670 | 304,469 |
| Ohio | 894,362 | 42,611 |
| Other States: Calif., Fla., Ga., La., Mich., Minn., N. C., Oreg., Pa., Wash. | 2,208,711 | 99,110 |
| BEET AND CORN SUGAR | | |
| United States | 7,325,355 | 284,357 |
| Ohio | 1,392,579 | 52,617 |
| Other States: Ark., Calif., Colo., Ga., Iowa, Mich., N. Y., Oreg., Pa., Wash. | 5,932,776 | 231,740 |
| HERBS | | |
| United States | 4,341 | 8,626 |
| New York | 1,389 | 1,672 |
| Other States: Calif., N. J., Ohio | 2,952 | 6,954 |
| ALCOHOL AND OTHER MATERIALS | | |
| United States | | 147,438 |
| California | | 90,019 |
| New York | | 50,926 |
| Ohio | | 769 |
| Washington | | 2,308 |
| Other States: Fla., Mich., Mo., N. J. | | 3,416 |

[1] See third paragraph ("Proof gallon") of text for the "Liquors, distilled" industry, p. 228.

TABLE 8.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 2,056 | 1,846 | 1,693 | 1,619 | 1,681 | 1,580 | 1,590 | 1,587 | 1,731 | 2,614 | 3,294 | 2,969 | 2,469 |
| 1937 | 3,005 | 2,619 | 2,501 | 2,495 | 2,408 | 2,358 | 2,332 | 2,360 | 2,583 | 3,772 | 4,682 | 4,427 | 3,527 |
| Arkansas | 33 | 24 | 25 | 26 | 24 | 24 | 27 | 40 | 46 | 46 | 48 | 34 | 34 |
| California | 1,112 | 921 | 838 | 781 | 857 | 771 | 775 | 771 | 881 | 1,586 | 2,062 | 1,791 | 1,305 |
| Michigan | 94 | 96 | 87 | 83 | 73 | 75 | 76 | 77 | 93 | 117 | 124 | 108 | 113 |
| New Jersey | 85 | 89 | 74 | 71 | 62 | 63 | 69 | 64 | 68 | 96 | 89 | 142 | 138 |
| New York | 428 | 412 | 383 | 399 | 397 | 396 | 381 | 377 | 366 | 424 | 580 | 516 | 508 |
| Ohio | 122 | 116 | 108 | 112 | 106 | 104 | 109 | 102 | 107 | 130 | 161 | 153 | 155 |
| Washington | 88 | 94 | 89 | 75 | 81 | 75 | 78 | 78 | 85 | 99 | 104 | 99 | 102 |

TABLE 9.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 301 |
| Reporting expenditures for plant and equipment | 186 |
| Value of products: | |
| Total for the industry | $32,782,080 |
| Reporting expenditures for plant and equipment | 25,839,041 |
| Expenditures for plant and equipment: | |
| Total for the industry | 1,299,529 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 514,957 |
| Expenditures for new machinery and operating equipment | 681,837 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 91,938 |
| Expenditures unclassified | 10,797 |

TABLE 10.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $24,843,758 | $18,140,317 |
| Finished products | 22,525,533 | 15,905,612 |
| Materials, supplies, etc | 2,318,225 | 2,234,705 |
| End of year, total | 25,745,916 | 25,308,352 |
| Finished products | 22,928,206 | 22,522,683 |
| Materials, supplies, etc | 2,817,710 | 2,785,669 |
| Value of products for the industry, total | 32,782,080 | 42,732,657 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 31,495,487 | 32,968,017 |
| Value for establishments not reporting inventories | 1,286,593 | 9,764,640 |

TABLE 11.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 [1]

| | 1939 |
|---|---|
| Number of establishments | 301 |
| Number of establishments reporting power equipment | 300 |
| Prime movers, aggregate: | |
| Number | 73 |
| Horsepower | 2,422 |
| Prime movers, driving generators, total— | |
| Number | 8 |
| Horsepower | 235 |
| Diesel and semi-Diesel engines— | |
| Number | 6 |
| Horsepower | 205 |
| Other internal-combustion engines [2]— | |
| Number | 2 |
| Horsepower | 30 |
| Prime movers not driving generators, total— | |
| Number | 65 |
| Horsepower | 2,187 |
| Steam engines— | |
| Number | 49 |
| Horsepower | 1,912 |
| Steam turbines— | |
| Number | 3 |
| Horsepower | 40 |
| Diesel and semi-Diesel engines— | |
| Number | 4 |
| Horsepower | 175 |
| Prime movers—Continued. | |
| Prime movers not driving generators—Continued. | |
| Other internal-combustion engines [2]— | |
| Number | 9 |
| Horsepower | 60 |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 303 |
| Generators, kilowatt rating, total | 144 |
| Generators, driven by— | |
| Diesel and semi-Diesel engines, kilowatt rating | 82 |
| Other internal-combustion engines,[2] kilowatt rating | 62 |
| Electric motors, total: | |
| Number | 3,845 |
| Horsepower | 17,213 |
| Driven by purchased energy— | |
| Number | 3,835 |
| Horsepower | 17,152 |
| Driven by energy generated in establishments reporting— | |
| Number | 10 |
| Horsepower | 61 |
| Electric energy (kilowatt hours): | |
| Generated in plant | 45,900 |
| Purchased | 15,839,766 |

[1] Comparable data for 1929 not available.

[2] Gas, gasoline, etc.

# LIQUORS, DISTILLED

[A preliminary report for this industry was issued December 13, 1940]

**Description of the industry.**—This industry embraces establishments engaged primarily in the production of distilled liquors, such as whisky, brandy, gin, and rum. It does not include rectifiers and blenders (see "Liquors, rectified or blended," p. 232) or establishments engaged solely in bottling purchased liquors. Bottling establishments are not covered by the Census of Manufactures.

**Internal-revenue taxes.**—As internal-revenue taxes are assessed on liquors sold and not simply on liquors produced, no data for taxes are included in the value figures in this report.

**Proof gallon.**—The following reference to a "proof-gallon" is taken from reports of the United States Bureau of Internal Revenue:

The tax on distilled spirits is collected on the basis of proof gallons for spirits of 100 proof or over and on the basis of wine gallons for spirits of less than 100 proof. The proof of spirits is twice the percent of the content, by volume, of ethyl alcohol. Spirits containing 50 percent ethyl alcohol by volume are, accordingly, 100 proof. A standard proof gallon is a wine gallon (231 cubic inches) of 100 proof spirits. The number of proof gallons contained in a wine gallon of spirits of proof other than 100 is proportional to the alcoholic content. (The units described are based upon spirits at 60 degrees Fahrenheit, at which temperature ethyl alcohol has a specific gravity of .7939.)

**Comparative figures for earlier years.**—As no liquors except those intended for medicinal use were legally manufactured in the census years between 1914 and 1933, and as 1914 was the last normal preprohibition year for which census figures are available, statistics for that year are given in this report in comparison with those for 1933 and subsequent years.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 135 | 4,091 | $4,884,598 | $28,383,830 | $56,080,195 | $27,696,365 | 45,390 |
| 1937 | 151 | 6,215 | 7,412,365 | 73,199,565 | 113,102,963 | 39,903,398 | (6) |
| 1935 | 131 | 8,152 | 8,360,821 | 76,519,953 | 152,874,908 | 76,354,955 | (6) |
| 1933 | 31 | 1,661 | 1,471,444 | 14,559,501 | 34,293,004 | 19,733,503 | (6) |
| 1914 [7] | 290 | 4,170 | 2,450,698 | 21,708,212 | 41,000,000 | 19,291,788 | (6) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1933 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.
[7] See fifth paragraph of text "Comparative figures for earlier years."

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | California | Illinois | Indiana | Kentucky | Maryland | Massachusetts | Pennsylvania | Virginia | Other States [1] |
|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [2] | 135 | 37 | 4 | 4 | 45 | 13 | 4 | 10 | 4 | 14 |
| Proprietors and firm members | 5 | 3 | | | | | | | 1 | 1 |
| Persons reported by manufacturing establishments, total [3] | 5,752 | 233 | 1,005 | 518 | 2,300 | 611 | 85 | 467 | 49 | 485 |
| Salaried officers of corporations [3] | 131 | 3 | | 8 | 82 | 14 | 8 | 2 | 2 | 12 |
| Manufacturing: | | | | | | | | | | |
| Salaried employees [3] | 900 | 38 | 157 | 61 | 419 | 82 | 19 | 53 | 9 | 62 |
| Wage earners (average for the year) [4] | 4,091 | 163 | 580 | 407 | 1,671 | 449 | 54 | 371 | 35 | 362 |
| Distribution | 246 | 1 | 90 | 18 | 64 | 28 | 3 | 1 | 3 | 38 |
| Construction | 167 | 23 | | 24 | 39 | 33 | 1 | 40 | | 7 |
| Other | 217 | 5 | 178 | | 25 | 5 | | | | 4 |
| Salaries and wages, total [3] | $8,258,731 | $314,070 | $1,780,384 | $635,553 | $3,203,073 | $773,581 | $204,208 | $625,571 | $48,976 | $673,315 |
| Salaried officers [3] | 690,910 | 19,229 | | 49,195 | 439,267 | 66,567 | 67,150 | 4,000 | 5,420 | 40,082 |
| Manufacturing: | | | | | | | | | | |
| Salaries [3] | 1,616,336 | 64,802 | 307,710 | 97,343 | 698,703 | 133,067 | 49,264 | 120,120 | 15,120 | 130,207 |
| Wages | 4,884,558 | 207,346 | 854,306 | 443,042 | 1,850,738 | 503,525 | 80,130 | 470,557 | 24,789 | 450,165 |
| Distribution | 492,541 | 983 | 276,552 | 24,660 | 93,291 | 49,370 | 5,560 | 2,040 | 3,647 | 36,438 |
| Construction | 196,715 | 12,820 | | 21,313 | 100,675 | 18,556 | 2,104 | 28,854 | | 12,393 |
| Other | 377,631 | 8,890 | 341,816 | | 20,399 | 2,496 | | | | 4,030 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 28,383,830 | 2,122,471 | 4,526,710 | 4,043,537 | 9,918,067 | 2,722,542 | 396,192 | 2,612,065 | 158,385 | 1,883,861 |
| Materials, supplies, and containers | 26,083,762 | 2,038,182 | 4,196,819 | 3,640,551 | 9,252,805 | 2,427,912 | 366,729 | 2,326,608 | 144,392 | 1,689,764 |
| Fuel | 1,888,203 | 54,467 | 271,254 | 378,831 | 523,085 | 219,515 | 21,316 | 238,658 | 10,000 | 171,077 |
| Purchased electric energy | 401,620 | 20,247 | 58,637 | 24,155 | 142,177 | 75,115 | 8,147 | 46,799 | 3,993 | 22,350 |
| Contract work | 10,245 | 9,575 | | | | | | | | 670 |
| Value of products | 56,080,195 | 3,306,883 | 9,564,224 | 7,667,912 | 20,401,940 | 4,568,102 | 798,505 | 5,208,075 | 259,966 | 4,304,588 |
| Value added by manufacture [5] | 27,696,365 | 1,184,412 | 5,037,514 | 3,624,375 | 10,483,873 | 1,845,560 | 402,313 | 2,596,010 | 101,581 | 2,420,727 |

[1] Arizona, 1 establishment; Georgia, 1; Missouri, 2; New Jersey, 3; New York, 3; Ohio, 3; Oregon, 1.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937

[No comparable data for 1929 are available. Also see second and third paragraphs of text, "Internal-revenue taxes" and "Proof gallon"]

| | 1939 | 1937 |
|---|---|---|
| Liquors, Distilled industry, all products, total value | $56,080,195 | $113,102,963 |
| Distilled liquors and distillers' grains | 52,692,452 | [1] 110,246,882 |
| Miscellaneous products | [2] 2,764,300 | 2,856,081 |
| Receipts for contract work | 50,596 | |
| Merchandise (goods bought and sold without processing) | 572,847 | |
| Distilled liquors and distillers' grains, total value | 61,028,774 | 131,392,488 |
| Made in the industry | 52,692,452 | 110,246,882 |
| Made as secondary products in other industries | 8,336,322 | 21,145,606 |

[1] Revised.
[2] Includes value of a small amount of carbon dioxide classified as a product of the "Compressed and liquefied gases—not made in petroleum refineries or in natural gasoline plants" industry.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

[No comparable data for 1929 are available. Also see second and third paragraphs of text, "Internal-revenue taxes" and "Proof gallon"]

| | 1939 | 1937 |
|---|---|---|
| Distilled liquors and distillers' grains, total value | $61,028,774 | $131,392,488 |
| Whisky: | | |
| Total proof gallons | 86,993,837 | 153,985,864 |
| Total value | $41,658,395 | $90,902,671 |
| Corn and bourbon— | | |
| Proof gallons | 64,446,377 | 122,425,723 |
| Value | $30,867,937 | $70,926,626 |
| Rye— | | |
| Proof gallons | 22,440,359 | 31,222,428 |
| Value | $10,746,517 | $19,776,805 |
| Other— | | |
| Proof gallons | 107,101 | 337,713 |
| Value | $43,941 | $199,240 |
| Brandy[1]: | | |
| Total proof gallons | 16,321,767 | 11,421,812 |
| Total value | $6,555,554 | $6,328,362 |
| Commercial brandy— | | |
| Proof gallons | 1,639,876 | (2) |
| Value | $1,099,458 | |
| Fortifying brandy— | | |
| Proof gallons | 14,681,891 | |
| Value | $5,456,096 | |
| Rum[3]: | | |
| Proof gallons | 1,361,610 | 1,957,640 |
| Value | $530,789 | $1,733,630 |
| Gin[4]: | | |
| Total proof gallons | 12,338,103 | [5] 17,957,074 |
| Total value | $4,489,610 | $19,883,937 |
| Distilled at registered distilleries— | | |
| Proof gallons | 6,516,905 | 7,420,304 |
| Value | $1,984,277 | $3,952,503 |
| Distilled at rectifying plants— | | |
| Proof gallons | 5,821,198 | [5] 10,536,770 |
| Value | $2,505,333 | $15,931,434 |
| Other distilled spirits (high-proof spirits used primarily for rectifying purposes): | | |
| Proof gallons | 17,138,561 | 17,877,678 |
| Value | $4,761,621 | $8,066,676 |
| Distillers' grains: | | |
| Pounds | 269,069,529 | 354,805,489 |
| Value | $3,032,805 | $4,477,212 |

[1] For data on production of brandy in the "Liquors, rectified or blended" industry, see report for that industry.
[2] Separate data not available.
[3] Apparently not all rum produced for denaturation was reported.
[4] For data on production of "compounded gin" produced in the "Liquors, rectified or blended" industry, see report for that industry.
[5] The 1937 figure is not comparable with the figure for 1939 since rectifiers were not requested to show separately their distilled and compounded gin. Furthermore, rectifiers in 1937 included with spirits classified as gin certain gin specialties which for 1939 have been classified as cordials and liqueurs.

TABLE 5.—PRODUCTS BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

[Statistics are given for each State for which separate figures can be published without disclosing, exactly or approximately, the production reported by individual establishments. Certain of the "Other States," however, reported larger amounts of the specified products than some of the States for which separate figures are given. Also see second and third paragraphs of text, "Internal revenue taxes" and "Proof gallon"]

| STATE | Quantity | Value |
|---|---|---|
| WHISKY, TOTAL PRODUCTION | *Proof gallons* | |
| United States | 86,993,837 | $41,658,395 |
| Illinois | 18,915,790 | 7,154,101 |
| Indiana | 9,782,449 | 4,311,067 |
| Maryland | 7,402,561 | 3,221,844 |
| Other States: Ariz., Calif., Ky., Mass., Mo., Ohio, Pa., Va | 50,893,037 | 26,971,383 |
| CORN AND BOURBON WHISKY | | |
| United States | 64,446,377 | 30,867,937 |
| Illinois | 13,335,743 | 4,813,234 |
| Indiana | 8,625,954 | 3,799,083 |
| Kentucky | 35,810,448 | 18,783,576 |
| Other States: Ariz., Calif., Md., Mass., Mo., Ohio, Pa., Va | 6,674,232 | 3,472,044 |
| RYE WHISKY | | |
| United States | 22,440,359 | 10,746,517 |
| Kentucky | 974,886 | 548,332 |
| Maryland | 6,126,022 | 2,792,036 |
| Pennsylvania | 4,172,672 | 2,534,366 |
| Other States: Ill., Ind., Mass., Ohio | 11,166,779 | 4,871,783 |
| OTHER WHISKY | | |
| United States: Ill., Ind., Ky., Md., Pa | 107,101 | 43,941 |
| BRANDY,[1] TOTAL PRODUCTION | | |
| United States | 16,321,767 | 6,555,554 |
| California | 13,688,748 | 4,685,000 |
| Other States: Ga., Md., N. J., N. Y., Oreg., Va | 2,633,019 | 1,870,554 |
| COMMERCIAL BRANDY | | |
| United States | 1,639,876 | 1,099,458 |
| California | 1,274,265 | 722,109 |
| Other States: Ga., N. J., N. Y., Oreg., Va | 365,611 | 377,349 |
| FORTIFYING BRANDY | | |
| United States | 14,681,891 | 5,456,096 |
| California | 12,414,483 | 3,962,891 |
| Other States: Md., N. J | 2,267,408 | 1,493,205 |
| RUM [2] | | |
| United States: Mass., Pa | 1,361,610 | 530,789 |
| GIN,[3] TOTAL PRODUCTION | | |
| United States | 12,338,103 | 4,489,610 |
| California | 814,874 | 342,933 |
| Indiana | 1,792,116 | 566,887 |
| Maryland | 559,426 | 157,990 |
| Massachusetts | 449,820 | 151,060 |
| Other States: Colo., Conn., Ill., Ky., La., Maine, Mich., Minn., Mo., N. J., N. Y., Ohio, Pa., Vt., Wash., Wis | 8,721,867 | 3,270,740 |
| DISTILLED AT REGISTERED DISTILLERIES | | |
| United States: Calif., Ill., Ind., Md., N. Y., Pa | 6,516,905 | 1,984,277 |
| DISTILLED AT RECTIFYING PLANTS | | |
| United States | 5,821,198 | 2,505,333 |
| Illinois | 42,238 | 57,150 |
| Massachusetts | 449,820 | 151,060 |
| New Jersey | 2,128,052 | 816,272 |
| New York | 286,035 | 198,273 |
| Pennsylvania | 591,728 | 169,905 |
| Other States: Calif., Colo., Conn., Ind., Ky., La., Maine, Md., Mich., Minn., Mo., Ohio, Vt., Wash., Wis | 2,323,325 | 1,112,673 |

See footnotes at end of table.

TABLE 5.—PRODUCTS BY KIND, QUANTITY, AND VALUE, BY STATES: 1939—Continued

| STATE | Quantity | Value |
|---|---|---|
| OTHER DISTILLED SPIRITS (HIGH-PROOF SPIRITS USED PRIMARILY FOR RECTIFYING PURPOSES) | *Proof gallons* | |
| United States | 17,138,561 | $4,761,621 |
| Illinois | 1,789,162 | 480,616 |
| Other States: Ind., Md., N. Y., Pa | 15.349,399 | 4,281,005 |
| DISTILLERS' GRAINS | *Pounds* | |
| United States | 269,069,529 | 3,032,805 |
| Illinois | 93,864,441 | 1,000,073 |
| Kentucky | 60,494,253 | 732,716 |
| Maryland | 22,030,200 | 236,760 |
| Pennsylvania | 16,567,855 | 172,552 |
| Other States: Ind., Mo., N. Y., Ohio | 76,112,780 | 890,704 |

[1] For data on production of brandy in the "Liquors, rectified or blended" industry, see report for that industry, p. 232.
[2] See note 3, table 4.
[3] For data on production of "compounded gin" made in the "Liquors, rectified or blended," industry, see report for that industry, p. 232.

TABLE 6.—CONSUMPTION OF MATERIALS, BY KIND, QUANTITY, AND COST, FOR THE UNITED STATES: 1939

[No comparable data for 1937 and 1929 are available]

| | Quantity | Cost |
|---|---|---|
| | *Pounds* | |
| Corn | 847,182,686 | $8,839,163 |
| Barley | 7,359,624 | 177,447 |
| Rye | 268,702,299 | 3,225,237 |
| Wheat | 2,196,175 | 29,581 |
| Other grains | 2,560,271 | 35,092 |
| Malt | 144,710,544 | 3,547,366 |
| Fruits | 39,178,995 | 298,859 |
| | *Gallons* | |
| Molasses | 12,235,975 | 584,819 |
| Cider | 2,670,133 | 113,234 |
| Wine | 6,028,902 | 204,003 |
| Malt extract and other materials | ---------- | 1,220,959 |

TABLE 7.—CONSUMPTION OF MATERIALS, BY KIND, QUANTITY, AND COST, BY STATES: 1939

| STATE | Quantity | Cost |
|---|---|---|
| CORN | *Pounds* | |
| United States | 847,182,686 | $8,839,163 |
| Illinois | 191,997,887 | 1,753,925 |
| Indiana | 189,359,937 | 1,940,572 |
| Kentucky | 292,009,656 | 3,181,871 |

TABLE 7.—CONSUMPTION OF MATERIALS, BY KIND, QUANTITY, AND COST, BY STATES: 1939—Continued

| STATE | Quantity | Cost |
|---|---|---|
| CORN—continued | *Pounds* | |
| Maryland | 50,047,566 | $597,178 |
| Pennsylvania | 50,759,741 | 587,294 |
| Other States (Ariz., Calif., Mass., Mo., N. Y., Ohio, Va.) | 73,007,899 | 778,323 |
| BARLEY | | |
| United States (Ariz., Ky., Mo., N. Y.) | 7,359,624 | 177,447 |
| RYE | | |
| United States | 268,702,299 | 3,225,237 |
| Illinois | 61,512,645 | 620,509 |
| Indiana | 19,904,066 | 229,245 |
| Kentucky | 72,997,416 | 900,898 |
| Maryland | 61,351,937 | 823,898 |
| Ohio | 9,494,912 | 112,155 |
| Pennsylvania | 39,496,268 | 486,976 |
| Other States (Ariz., Calif., Mass., Mo., N. Y., Va.) | 3,945,055 | 51,556 |
| WHEAT | | |
| United States (Ky., Ohio, Pa.) | 2,196,175 | 29,581 |
| OTHER GRAINS | | |
| United States (Calif., Ind., Ky., Md., Pa.) | 2,560,271 | 35,092 |
| MALT | | |
| United States | 144,710,544 | 3,547,366 |
| Illinois | 28,415,322 | 661,318 |
| Indiana | 25,381,572 | 623,447 |
| Kentucky | 48,699,494 | 1,233,571 |
| Maryland | 19,818,274 | 480,953 |
| Ohio | 7,276,740 | 179,224 |
| Pennsylvania | 12,260,914 | 302,125 |
| Other States (Calif., Mass., Mo., Va.) | 2,858,228 | 66,728 |
| FRUITS | | |
| United States | 39,178,995 | 298,859 |
| California | 32,670,361 | 235,237 |
| Other States (Ga., Ill., N. Y., Va.) | 6,508,634 | 63,622 |
| MOLASSES | | |
| United States (Calif., Mass., Pa.) | *Gallons* 12,235,975 | 584,819 |
| CIDER | | |
| United States (Calif., Md., N. J., N. Y., Oreg., Va.) | 2,670,133 | 113,234 |
| WINE | | |
| United States (Calif.) | 6,028,902 | 204,003 |
| MALT EXTRACT AND OTHER MATERIALS | | |
| United States | ---------- | 1,220,959 |
| California | ---------- | 1,215,825 |
| Other States (Ariz., Ill., Ky., N. J., N. Y.) | ---------- | 5,134 |

TABLE 8.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 4,091 | 4,293 | 4,312 | 4,470 | 4,386 | 4,102 | 3,658 | 3,275 | 3,350 | 3,580 | 4,210 | 4,772 | 4,687 |
| 1937 | 6,215 | 6,844 | 6,892 | 6,827 | 6,740 | 6,625 | 6,172 | 5,659 | 5,386 | 5,631 | 5,705 | 6,045 | 6,052 |
| California | 163 | 112 | 126 | 125 | 130 | 114 | 108 | 123 | 178 | 214 | 272 | 266 | 187 |
| Illinois | 580 | 645 | 606 | 616 | 629 | 590 | 584 | 509 | 475 | 532 | 569 | 592 | 608 |
| Indiana | 407 | 330 | 349 | 397 | 380 | 379 | 360 | 379 | 372 | 391 | 484 | 527 | 540 |
| Kentucky | 1,671 | 1,868 | 1,892 | 1,885 | 1,814 | 1,729 | 1,460 | 1,261 | 1,241 | 1,363 | 1,672 | 1,942 | 1,922 |
| Maryland | 449 | 550 | 537 | 529 | 496 | 455 | 402 | 337 | 360 | 402 | 408 | 449 | 463 |
| Massachusetts | 54 | 51 | 55 | 70 | 66 | 69 | 60 | 42 | 43 | 45 | 45 | 49 | 52 |
| Pennsylvania | 371 | 349 | 361 | 463 | 459 | 369 | 335 | 306 | 303 | 281 | 357 | 434 | 430 |
| Virginia | 35 | 31 | 34 | 30 | 31 | 26 | 26 | 28 | 28 | 37 | 51 | 55 | 48 |

TABLE 9.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 135 |
| Reporting expenditures for plant and equipment | 85 |
| Value of products: | |
| Total for the industry | $56,080,195 |
| Reporting expenditures for plant and equipment | 51,947,975 |
| Expenditures for plant and equipment: | |
| Total for the industry | 4,166,271 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 1,748,170 |
| Expenditures for new machinery and operating equipment | 2,295,778 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 122,323 |

TABLE 10.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $147,809,025 | $110,824,226 |
| Finished products | 139,887,353 | 103,176,475 |
| Materials, supplies, etc | 7,921,672 | 7,647,751 |
| End of year, total | 149,002,902 | 143,963,781 |
| Finished products | 141,710,474 | 134,445,323 |
| Materials, supplies, etc | 7,292,428 | 9,518,458 |
| Value of products for the industry, total | 56,080,195 | 113,102,963 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 54,234,247 | 109,517,662 |
| Value for establishments not reporting inventories | 1,845,948 | 3,585,301 |

TABLE 11.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 [1]

| | 1939 |
|---|---|
| Number of establishments | 135 |
| Number of establishments reporting power equipment | 134 |
| Prime movers, aggregate: | |
| Number | 382 |
| Horsepower | 45,390 |
| Prime movers, driving generators, total— | |
| Number | 38 |
| Horsepower | 18,234 |

[1] Comparable data for 1929 not available.

TABLE 11.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939—Continued

| | 1939 |
|---|---|
| Prime movers—Continued. | |
| Prime movers, driving generators—Continued. | |
| Steam engines— | |
| Number | 19 |
| Horsepower | 3,578 |
| Steam turbines— | |
| Number | 16 |
| Horsepower | 14,158 |
| Diesel and semi-Diesel engines— | |
| Number | 2 |
| Horsepower | 480 |
| Other internal-combustion engines [2]— | |
| Number | 1 |
| Horsepower | 18 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 284 |
| Prime movers not driving generators, total— | |
| Number | 344 |
| Horsepower | 27,156 |
| Steam engines— | |
| Number | 205 |
| Horsepower | 12,160 |
| Steam turbines— | |
| Number | 128 |
| Horsepower | 14,474 |
| Diesel and semi-Diesel engines— | |
| Number | 3 |
| Horsepower | 130 |
| Other internal-combustion engines [2]— | |
| Number | 7 |
| Horsepower | 362 |
| Hydroturbines and water wheels— | |
| Number | 1 |
| Horsepower | 30 |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 1,755 |
| Generators, kilowatt rating, total | 12,636 |
| Generators, driven by— | |
| Steam engines, kilowatt rating | 2,541 |
| Steam turbines, kilowatt rating | 9,755 |
| Diesel and semi-Diesel engines, kilowatt rating | 332 |
| Other internal-combustion engines,[2] kilowatt rating | 8 |
| Generators, ordinarily idle (included above), kilowatt rating | 185 |
| Electric motors, total: | |
| Number | 9,833 |
| Horsepower | 45,575 |
| Driven by purchased energy— | |
| Number | 4,926 |
| Horsepower | 21,471 |
| Driven by energy generated in establishments reporting— | |
| Number | 4,907 |
| Horsepower | 24,104 |
| Electric energy (kilowatt-hours): | |
| Generated in plant | 35,921,073 |
| Sold | 4,567,120 |
| Purchased | 26,629,147 |

[2] Gas, gasoline, etc.

# LIQUORS, RECTIFIED OR BLENDED

[A preliminary report for this industry was issued December 19, 1940]

**Description of the industry.**—This industry embraces establishments primarily engaged in the rectifying and blending of distilled liquors and the making of cordials and alcoholic cocktails by mixing liquors and other ingredients. Rectifying plants operated by distillers are treated as separate establishments and are covered by this classification. Establishments engaged solely in bottling purchased liquors are not included. Bottling establishments are not considered a part of the manufacturing industry. No data for internal-revenue taxes are included in any figures for 1939 (see paragraph following).

**No comparable data for years prior to 1935.**—At the 1935 census, data on the activities of rectifiers were collected for the first time, and therefore no comparable statistics for years prior to 1935 can be given. The figures for cost of materials, value of products, and value added by manufacture for 1937, as given in table 1, are not strictly comparable with those for 1939, due to the fact that, although the schedule used at the Census of Manufactures for that year did not call for data on liquors bottled and stated that all internal-revenue taxes should be excluded from the value of products, a number of rectifying plants included in their 1937 reports data for these items, whereas no such data are included in the 1939 figures.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1935 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 148 | 2,818 | $3,215,970 | $28,244,679 | $49,143,605 | $20,898,926 | 205 |
| 1937 | 210 | 7,094 | 6,731,737 | 72,378,207 | 144,455,224 | 72,077,017 | (4) |
| 1935 [5] | 260 | 5,883 | 4,527,214 | 57,128,202 | 99,129,791 | 42,001,589 | (6) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Not called for on schedule.
[5] See second paragraph of text, "No comparable data for years prior to 1935."
[6] Data not available.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | California | Connecticut | Illinois | Kentucky | Louisiana | Massachusetts | Missouri | New Jersey | New York | Pennsylvania | Other States [1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [2] | 148 | 15 | 10 | 21 | 6 | 5 | 10 | 4 | 12 | 14 | 17 | 34 |
| Proprietors and firm members | 16 | 5 | 2 | 3 | 2 | | | | 1 | | 2 | 1 |
| Persons reported by manufacturing establishments, total [3] | 4,235 | 144 | 164 | 388 | 291 | 45 | 243 | 96 | 344 | 256 | 932 | 1,331 |
| Salaried officers of corporations [3] | 106 | 8 | 10 | 9 | 4 | 7 | 9 | 3 | 9 | 16 | 19 | 12 |
| Manufacturing: | | | | | | | | | | | | |
| Salaried employees [3] | 886 | 26 | 27 | 54 | 61 | 8 | 20 | 24 | 72 | 49 | 214 | 331 |
| Wage earners (average for the year) [4] | 2,818 | 104 | 105 | 303 | 204 | 21 | 160 | 62 | 258 | 134 | 567 | 899 |
| Distribution | 406 | 4 | 12 | 22 | 22 | 8 | 54 | 7 | 4 | 57 | 129 | 87 |
| Construction | 4 | | 2 | | | | | | | | 2 | |
| Other | 15 | 2 | 8 | | | 1 | | | 1 | | 1 | 2 |
| Salaries and wages, total [3] | $6,353,396 | $180,963 | $255,529 | $528,927 | $308,088 | $73,012 | $656,684 | $138,647 | $487,655 | $399,227 | $1,522,714 | $1,801,950 |
| Salaried officers [3] | 687,815 | 14,061 | 66,300 | 66,000 | 12,449 | 21,730 | 116,896 | 24,000 | 26,119 | 68,436 | 183,284 | 88,540 |
| Manufacturing: | | | | | | | | | | | | |
| Salaries [3] | 1,484,461 | 51,069 | 57,587 | 77,703 | 73,325 | 13,272 | 41,638 | 39,197 | 137,019 | 84,289 | 370,062 | 539,300 |
| Wages | 3,215,970 | 105,302 | 100,875 | 360,347 | 191,832 | 18,632 | 196,043 | 63,694 | 311,689 | 157,715 | 706,980 | 1,002,861 |
| Distribution | 934,727 | 5,971 | 16,279 | 24,877 | 30,482 | 18,178 | 302,107 | 11,756 | 11,673 | 88,787 | 256,148 | 168,469 |
| Construction | 8,360 | | 3,160 | | | | | | | | 5,200 | |
| Other | 22,063 | 4,560 | 11,328 | | | 1,200 | | | 1,155 | | 1,040 | 2,780 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 28,244,679 | 461,718 | 1,007,555 | 2,506,478 | 1,873,209 | 172,021 | 565,434 | 280,781 | 2,224,656 | 3,185,893 | 4,713,931 | 11,253,003 |
| Materials, supplies, and containers | 27,981,346 | 445,449 | 995,282 | 2,481,194 | 1,865,062 | 165,456 | 536,076 | 277,747 | 2,199,718 | 3,164,299 | 4,674,476 | 11,176,587 |
| Fuel | 129,905 | 4,032 | 7,851 | 13,117 | 2,270 | 3,606 | 12,793 | 1,020 | 11,530 | 7,809 | 21,205 | 44,672 |
| Purchased electric energy | 133,428 | 12,237 | 4,422 | 12,167 | 5,877 | 2,959 | 16,565 | 2,014 | 13,408 | 13,785 | 18,250 | 31,744 |
| Contract work | | | | | | | | | | | | |
| Value of products | 49,143,605 | 1,177,527 | 1,402,551 | 4,150,027 | 3,030,504 | 296,309 | 1,479,944 | 485,543 | 3,589,986 | 4,675,250 | 10,749,188 | 18,106,776 |
| Value added by manufacture [5] | 20,898,926 | 715,809 | 394,996 | 1,643,549 | 1,157,295 | 124,288 | 914,510 | 204,762 | 1,365,330 | 1,489,357 | 6,035,257 | 6,853,773 |

[1] Colorado, 1 establishment; Indiana, 3; Maine, 1; Maryland, 9; Michigan, 2; Minnesota, 2; Ohio, 11; Rhode Island, 1; Vermont, 1; Washington, 1; Wisconsin, 2.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939

[Comparable data for 1937 and 1929 not available. See second paragraph of text]

| | 1939 |
|---|---|
| Liquors, Rectified or Blended industry, all products, total value | $49,143,605 |
| Liquors, rectified or blended | 41,961,403 |
| Miscellaneous products | 4,651,077 |
| Receipts for contract work | 25,792 |
| Other products (not classified in this industry) | [1] 2,505,333 |

[1] Value of distilled gin.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE (NOT INCLUDING INTERNAL-REVENUE TAXES), FOR THE UNITED STATES: 1939

[Comparable data for 1937 and 1929 not available. See second paragraph of text]

| | 1939 |
|---|---|
| Liquors, rectified or blended, total value | $41,961,403 |
| Whisky [1]: | |
| Proof gallons [2] | 35,613,410 |
| Value | $37,300,757 |
| Brandy [1]: | |
| Proof gallons [2] | 254,922 |
| Value | $286,541 |
| Rum [1]: | |
| Proof gallons [2] | 360,278 |
| Value | $303,594 |
| Gin (compounded) [1]: | |
| Proof gallons [2] | 1,220,353 |
| Value | $909,448 |
| Cordials and liqueurs: | |
| Proof gallons [2] | 2,235,380 |
| Value | $3,161,063 |

[1] For production of whisky, brandy, rum, and gin by distillation, see report for the "Liquors, distilled" industry (table 4, p. 229).

[2] The following reference to a "proof gallon" is taken from the reports of the United States Bureau of Internal Revenue:

"The tax on distilled spirits is collected on the basis of proof gallons for spirits of 100 proof or over and on the basis of wine gallons for spirits of less than 100 proof. The proof of spirits is twice the percent of the content, by volume, of ethyl alcohol. Spirits containing 50 percent ethyl alcohol by volume are, accordingly, 100 proof. A standard proof gallon is a wine gallon (231 cubic inches) of 100 proof spirits. The number of proof gallons contained in a wine gallon of spirits of proof other than 100 is proportional to the alcoholic content. (The units described are based upon spirits at 60 degrees Fahrenheit, at which temperature ethyl alcohol has a specific gravity of .7939.)"

TABLE 5.—PRODUCTS, BY KIND, QUANTITY, AND VALUE (NOT INCLUDING INTERNAL-REVENUE TAXES), BY STATES: 1939

[Statistics are given for each State for which separate figures can be published without disclosing, exactly or approximately, the production reported by individual establishments. Certain of the other States, however, reported larger amounts of the specified products than some of the States for which separate figures are given]

| STATE | TOTAL | | WHISKY [1] | | BRANDY [1] | |
|---|---|---|---|---|---|---|
| | Proof gallons [2] | Value | Proof gallons | Value | Proof gallons | Value |
| United States | 39,684,343 | $41,961,403 | 35,613,410 | $37,300,757 | 254,922 | $286,541 |
| California | 621,489 | 882,779 | 488,615 | 713,386 | (3) | (3) |
| Connecticut | 485,204 | 542,811 | 207,068 | 336,536 | (3) | (3) |
| Illinois | 2,330,369 | 4,015,146 | (3) | (3) | 17,732 | 41,194 |
| Kentucky | 2,959,717 | 3,011,249 | (3) | (3) | ---------- | ---------- |
| Louisiana | 166,827 | 179,782 | (3) | (3) | ---------- | ---------- |
| Massachusetts | 1,075,575 | 1,302,498 | (3) | (3) | ---------- | ---------- |
| Missouri | 61,523 | 105,995 | (3) | (3) | ---------- | ---------- |
| New Jersey | 2,151,665 | 2,152,488 | (3) | (3) | (3) | (3) |
| New York | 984,395 | 1,513,599 | (3) | (3) | (3) | (3) |
| Pennsylvania | 7,907,656 | 10,579,283 | 7,445,613 | 9,936,824 | 9,118 | 8,156 |
| Other States [4] | 20,939,923 | 17,675,773 | 19,222,702 | 15,761,659 | 36,210 | 43,539 |
| Undistributed | ---------- | ---------- | 8,249,412 | 10,552,352 | 191,862 | 193,652 |

| STATE | RUM [1] | | GIN (COMPOUNDED) [1] | | CORDIALS AND LIQUEURS | |
|---|---|---|---|---|---|---|
| | Proof gallons [2] | Value | Proof gallons | Value | Proof gallons | Value |
| United States | 360,278 | $303,594 | 1,220,353 | $909,448 | 2,235,380 | $3,161,063 |
| California | 19,608 | 19,698 | (3) | (3) | 86,980 | 134,389 |
| Connecticut | (3) | (3) | (3) | (3) | (3) | (3) |
| Illinois | 32,116 | 28,455 | (3) | (3) | 570,639 | 892,067 |
| Kentucky | ---------- | ---------- | ---------- | ---------- | (3) | (3) |
| Louisiana | (3) | (3) | (3) | (3) | 32,575 | 42,320 |
| Massachusetts | (3) | (3) | ---------- | ---------- | (3) | (3) |
| Missouri | ---------- | ---------- | ---------- | ---------- | (3) | (3) |
| New Jersey | 41,287 | 31,926 | (3) | (3) | 148,218 | 191,295 |
| New York | (3) | (3) | (3) | (3) | 42,226 | 98,896 |
| Pennsylvania | (3) | (3) | (3) | (3) | 218,162 | 547,682 |
| Other States [4] | 20,205 | 10,241 | (3) | (3) | (3) | (3) |
| Undistributed | 247,062 | 213,274 | 1,220,353 | 909,448 | 1,136,580 | 1,254,414 |

[1] For production of whisky, brandy, rum, and gin by distillation, see the "Liquors, distilled" industry (table 4, p. 229).

[2] See note 2, table 4.

[3] Included in figures for "Undistributed" in order to avoid disclosing, exactly or approximately, data reported by individual establishments.

[4] See note 1, table 2.

## TABLE 6.—CONSUMPTION OF MATERIALS BY KIND, QUANTITY, AND COST, BY STATES: 1939

[Statistics are given for each State for which separate figures can be published without disclosing, exactly or approximately, data reported by individual establishments. Certain of the "Other States", however, reported the consumption of larger amounts of the specified materials than some of the States for which separate figures are given]

| STATE | ALCOHOL | | WHISKY | | BRANDY | | RUM | |
|---|---|---|---|---|---|---|---|---|
| | Proof gallons [1] | Cost | Proof gallons [1] | Cost | Proof gallons [1] | Cost | Proof gallons [1] | Cost |
| United States | 28,051,939 | $7,802,208 | 18,855,620 | $15,002,617 | 415,145 | $386,484 | 260,377 | $218,376 |
| California | 983,722 | 213,014 | 144,341 | 137,667 | 28,354 | 23,781 | 23,752 | 12,707 |
| Connecticut | 1,053,206 | 429,503 | 173,128 | 147,636 | (2) | (2) | (2) | (2) |
| Illinois | 697,920 | 196,321 | 1,500,633 | 1,056,752 | 83,198 | 99,533 | 36,649 | 29,015 |
| Kentucky | (2) | (2) | 2,283,907 | 1,513,750 | (2) | (2) | ---- | ---- |
| Louisiana | (2) | (2) | 31,885 | 63,006 | (2) | (2) | (2) | (2) |
| Massachusetts | 1,200,228 | 217,930 | 317,249 | 202,463 | 16,703 | 17,309 | 83,480 | 41,846 |
| Missouri | 117,070 | 27,231 | (2) | (2) | (2) | (2) | ---- | ---- |
| New Jersey | 3,559,997 | 894,878 | 1,316,367 | 1,116,883 | 51,331 | 42,014 | 11,971 | 7,992 |
| New York | 783,710 | 207,071 | 1,017,541 | 2,122,485 | 48,338 | 77,911 | (2) | (2) |
| Pennsylvania | 5,480,213 | 1,099,706 | 3,320,990 | 2,562,247 | 26,849 | 18,894 | 27,198 | 21,646 |
| Other States [3] | 13,238,278 | 4,177,740 | (2) | (2) | 78,639 | 52,431 | (2) | (2) |
| Undistributed | 937,595 | 338,814 | 8,749,579 | 6,079,728 | 81,733 | 54,611 | 77,327 | 105,170 |

| STATE | GIN | | WINE | | FRUIT JUICES | | HERBS | OTHER MATERIALS |
|---|---|---|---|---|---|---|---|---|
| | Proof gallons [1] | Cost | Proof gallons [1] | Cost | Gallons | Cost | Cost | Cost |
| United States | 950,995 | $436,289 | 908,626 | $738,139 | 68,267 | $107,356 | $41,169 | $243,953 |
| California | 544 | 241 | 12,106 | 12,204 | 2,984 | 1,254 | 903 | 13,428 |
| Connecticut | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| Illinois | 70,233 | 38,316 | 80,457 | 81,777 | 27,562 | 44,260 | 6,712 | 5,907 |
| Kentucky | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| Louisiana | 21,674 | 38,017 | (2) | (2) | (2) | (2) | ---- | ---- |
| Massachusetts | 2,061 | 936 | (2) | (2) | (2) | (2) | ---- | (2) |
| Missouri | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |
| New Jersey | (2) | (2) | (2) | (2) | 4,297 | 3,499 | (2) | (2) |
| New York | (2) | (2) | 594,652 | 424,508 | 567 | 435 | (2) | 14,016 |
| Pennsylvania | 60,107 | 20,466 | (2) | (2) | (2) | (2) | (2) | 92,179 |
| Other States [3] | 47,721 | 12,641 | 63,057 | 101,906 | (2) | (2) | 10,506 | 56,144 |
| Undistributed | 748,655 | 325,672 | 158,354 | 117,744 | 32,857 | 57,908 | 23,048 | 62,279 |

| STATE | SUGAR | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Total | | Beet | | Cane | | Corn | |
| | Pounds | Cost | Pounds | Cost | Pounds | Cost | Pounds | Cost |
| United States | 3,652,048 | $177,872 | (4) | (4) | 3,317,588 | $161,076 | (4) | (4) |
| California | 126,685 | 6,352 | ---- | ---- | 126,685 | 6,352 | ---- | ---- |
| Connecticut | (2) | (2) | ---- | ---- | (4) | (4) | ---- | ---- |
| Illinois | 1,379,457 | 67,157 | (4) | (4) | 1,181,757 | 57,347 | (4) | (4) |
| Kentucky | (2) | (2) | ---- | ---- | (4) | (4) | ---- | ---- |
| Louisiana | (2) | (2) | ---- | ---- | (4) | (4) | ---- | ---- |
| Massachusetts | (2) | (2) | ---- | ---- | (4) | (4) | ---- | ---- |
| Missouri | 97,360 | 4,974 | ---- | ---- | 97,360 | 4,974 | ---- | ---- |
| New Jersey | 265,074 | 13,127 | ---- | ---- | 265,074 | 13,127 | ---- | ---- |
| New York | (2) | (2) | ---- | ---- | (4) | (4) | ---- | ---- |
| Pennsylvania | (2) | (2) | (4) | (4) | (4) | (4) | ---- | ---- |
| Other States [3] | 1,012,512 | 47,344 | (4) | (4) | (4) | (4) | ---- | ---- |
| Undistributed | 770,960 | 38,918 | (4) | (4) | (4) | (4) | (4) | (4) |

[1] See note 2, table 4.
[2] Included in figures for "Undistributed" in order to avoid disclosing, exactly or approximately, data reported by individual establishments.
[3] See note 1, table 2.
[4] Included in figures for "Sugar, total" in order to avoid disclosing data reported by individual establishments.

TABLE 7.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 2,818 | 2,744 | 2,589 | 2,574 | 2,711 | 2,658 | 2,666 | 2,576 | 2,589 | 2,811 | 3,028 | 3,403 | 3,471 |
| 1937 | 7,094 | 7,240 | 7,300 | 6,742 | 6,633 | 6,540 | 6,435 | 6,388 | 6,059 | 6,571 | 7,748 | 8,938 | 8,534 |
| California | 104 | 112 | 105 | 111 | 107 | 97 | 97 | 97 | 97 | 103 | 105 | 110 | 112 |
| Connecticut | 105 | 110 | 103 | 97 | 98 | 99 | 95 | 91 | 91 | 107 | 115 | 124 | 128 |
| Illinois | 303 | 299 | 294 | 292 | 301 | 296 | 298 | 311 | 287 | 300 | 306 | 324 | 332 |
| Indiana | 263 | 235 | 241 | 240 | 251 | 248 | 235 | 231 | 232 | 248 | 308 | 334 | 352 |
| Kentucky | 204 | 176 | 173 | 163 | 174 | 165 | 179 | 177 | 178 | 209 | 240 | 303 | 317 |
| Louisiana | 21 | 29 | 29 | 26 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| Maryland | 299 | 289 | 276 | 280 | 292 | 279 | 264 | 256 | 266 | 300 | 329 | 380 | 381 |
| Massachusetts | 160 | 161 | 137 | 127 | 143 | 151 | 150 | 137 | 147 | 175 | 169 | 205 | 222 |
| Missouri | 62 | 63 | 60 | 60 | 60 | 63 | 62 | 61 | 62 | 63 | 65 | 65 | 66 |
| New Jersey | 258 | 255 | 245 | 251 | 250 | 251 | 264 | 248 | 264 | 262 | 272 | 266 | 264 |
| New York | 134 | 136 | 132 | 129 | 128 | 127 | 125 | 116 | 125 | 127 | 133 | 161 | 170 |
| Ohio | 226 | 204 | 190 | 187 | 220 | 201 | 225 | 206 | 215 | 252 | 268 | 263 | 282 |
| Pennsylvania | 567 | 568 | 512 | 509 | 563 | 555 | 554 | 539 | 522 | 535 | 573 | 696 | 676 |

TABLE 8.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 148 |
| Reporting expenditures for plant and equipment | 76 |
| Value of products: | |
| Total for the industry | $49,143,605 |
| Reporting expenditures for plant and equipment | 36,410,093 |
| Expenditures for plant and equipment: | |
| Total for the industry | 1,027,415 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 165,804 |
| Expenditures for new machinery and operating equipment | 708,725 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 152,886 |

TABLE 9.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $30,952,090 | $25,921,989 |
| Finished products | 11,746,919 | 8,045,461 |
| Materials, supplies, etc | 19,205,171 | 17,876,528 |
| End of year, total | 30,960,524 | 24,733,680 |
| Finished products | 13,748,248 | 8,732,493 |
| Materials, supplies, etc | 17,212,276 | 16,001,187 |
| Value of products for the industry, total | 49,143,605 | [1] 144,455,224 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 42,825,126 | [1] 139,299,755 |
| Value for establishments not reporting inventories | 6,318,479 | 5,155,469 |

[1] Not strictly comparable with 1939. See second paragraph of text, "No comparable data for years prior to 1935."

TABLE 10.—PRIME MOVERS, MOTORS, AND ELECTRIC ENERGY PURCHASED: 1939 [1]

| | 1939 |
|---|---|
| Number of establishments | 148 |
| Number of establishments reporting power equipment | 147 |
| Prime movers not driving generators, total: | |
| Number | 7 |
| Horsepower | 205 |
| Steam engines— | |
| Number | 6 |
| Horsepower | 195 |
| Internal-combustion engines,[2] other than Diesel and semi-Diesel— | |
| Number | 1 |
| Horsepower | 10 |
| Electric motors, total: | |
| Number | 3,979 |
| Horsepower | 6,085 |
| Driven by purchased energy— | |
| Number | 3,169 |
| Horsepower | 5,200 |
| Driven by energy generated in establishments reporting— | |
| Number | 810 |
| Horsepower | 885 |
| Electric energy purchased (kilowatt-hours) | 5,299,996 |

[1] Comparable data for 1929 not available.
[2] Gas, gasoline, etc.

# BAKING POWDER, YEAST, AND OTHER LEAVENING COMPOUNDS

[A preliminary report for this industry was issued November 8, 1940]

**Description of the industry.**—This classification covers establishments engaged primarily in the manufacture of baking powder, yeast, and other compounds used for leavening purposes. It does not cover the production of yeast for their own use by breweries and other establishments.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1899 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 47 | 2,334 | $3,654,208 | $14,462,304 | $31,774,637 | $17,312,333 | 23,503 |
| 1937 | 40 | 2,380 | 3,761,069 | 13,330,155 | 30,279,373 | 16,949.218 | (5) |
| 1935 | 46 | 2,666 | 4,277,962 | 14,403,037 | 32,340,648 | 17,937,611 | (5) |
| 1933 | 40 | 2,690 | 3,653,980 | 13,111,867 | 31,975,282 | 18,863,415 | (5) |
| 1931 | 45 | 2,881 | 4,797,883 | 20,746,441 | 47,027,339 | 26,280,898 | (5) |
| 1929 | 48 | 3,006 | 4,846,730 | 22,598,378 | 52,336,812 | 29,738,434 | 27,749 |
| 1927 | 47 | 3,032 | 4,793,624 | 24,619,450 | 55,716,025 | 31,096,575 | 27,002 |
| 1925 | 49 | 2,931 | 4,063,260 | 23,375,795 | 53,347,406 | 29,971,611 | 25,221 |
| 1923 | 57 | 3,507 | 4,919,858 | 21,656,521 | 51,691,123 | 30,034,602 | (6) |
| 1921 | 62 | 3,557 | 4,479,099 | 24,666,261 | 52,885,888 | 28,219,627 | (5) |
| 1919 | 88 | 3,331 | 3,554,534 | 26,635,429 | 46,230,312 | 19,594,883 | 14,360 |
| 1914 | 124 | 2,270 | 1,241,316 | 10,894,844 | 22,339,347 | 11,444,503 | 6,493 |
| 1909 | 144 | 2,155 | 1,045,544 | 9,337,985 | 20,774,588 | 11,436,603 | 2,274 |
| 1904 | 164 | 2,449 | 1,041,606 | 8,940,076 | 19,042,521 | 10,102,445 | 2,306 |
| 1899 | 191 | 1,938 | 717,000 | 7,126,967 | 14,568,380 | 7,441,413 | 2,036 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | California | Illinois | Other States [1] |
|---|---|---|---|---|
| Number of establishments [2] | 47 | 5 | 9 | 33 |
| Proprietors and firm members | 3 | ---------- | 1 | 2 |
| Persons reported by manufacturing establishments, total [3] | 4,023 | 186 | 1,311 | 2,525 |
| Salaried officers of corporations [3] | 49 | ---------- | 9 | 40 |
| Manufacturing: | | | | |
| Salaried employees [3] | 456 | 22 | 219 | 215 |
| Wage earners (average for the year) [4] | 2,334 | 110 | 799 | 1,424 |

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | United States | California | Illinois | Other States [1] |
|---|---|---|---|---|
| Persons reported by manufacturing establishments—Continued. | | | | |
| Distribution | 992 | 38 | 266 | 688 |
| Construction | 180 | 12 | 18 | 150 |
| Other | 12 | 4 | ---------- | 8 |
| Salaries and wages, total [3] | $7,554,421 | $415,732 | $2,433,271 | $4,705,418 |
| Salaried officers [3] | 521,608 | ---------- | 115,260 | 406,348 |
| Manufacturing: | | | | |
| Salaries [3] | 1,184,665 | 57,010 | 534,021 | 593,634 |
| Wages | 3,654,208 | 227,972 | 1,244,553 | 2,181,683 |
| Distribution | 1,778,791 | 94,841 | 499,456 | 1,184,494 |
| Construction | 386,482 | 25,889 | 39,981 | 320,612 |
| Other | 28,667 | 10,020 | ---------- | 18,647 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 14,462,304 | 573,874 | 5,426,664 | 8,461,766 |
| Materials, supplies, and containers | [5] 13,541,712 | 512,677 | 5,182,800 | [5] 7,846,235 |
| Fuel | 587,100 | 32,792 | 173,407 | 380,901 |
| Purchased electric energy | 333,492 | 28,405 | 70,457 | 234,630 |
| Contract work | (6) | ---------- | ---------- | (6) |
| Value of products | 31,774,637 | 1,452,128 | 10,717,259 | 19,605,250 |
| Value added by manufacture [6] | 17,312,333 | 878,254 | 5,290,595 | 11,143,484 |

[1] District of Columbia, 1 establishment; Indiana, 2; Maryland, 2; Massachusetts, 2; Minnesota, 1; Missouri, 1; New Jersey, 3; New York, 8; Ohio, 1; Oklahoma, 1; Pennsylvania, 2; Rhode Island, 1; Tennessee, 1; Virginia, 1; Washington, 2; Wisconsin, 4.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Figure for "Materials, supplies, and containers" includes cost of contract work.
[6] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Baking Powder, Yeast, and Other Leavening Compounds industry, all products, total value | $31,774,637 | $30,279,373 | $52,336,812 |
| Baking powder, yeast, and other leavening compounds | 28,336,402 | 28,689,496 | 47,313,407 |
| Miscellaneous products | 2,543,321 | 1,589,877 | 5,023,405 |
| Other products (not classified in this industry) | [1] 894,914 | | |
| Baking powder, yeast, and other leavening compounds, total value | 30,226,046 | 31,326,747 | 49,941,812 |
| Baking powder, yeast, and other leavening compounds made in the industry | 28,336,402 | 28,689,496 | 47,313,407 |
| Baking powder, yeast, and other leavening compounds made as secondary products in other industries | 1,889,644 | 2,637,251 | 2,627,905 |

[1] Value of alcohol and vinegar.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| PRODUCT | 1939 | | | 1937 | 1929 |
|---|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | | |
| Total value | $28, 336, 402 | $1, 889, 644 | $30, 226, 046 | $31, 326, 747 | $49, 941, 312 |
| Baking powder: | | | | | |
| Pounds | 127, 074, 453 | 13, 195, 739 | 140, 270, 192 | 141, 707, 536 | 541, 144, 919 |
| Value | $12, 174, 586 | $1, 633, 613 | $13, 808, 199 | $15, 400, 497 | $49, 941, 312 |
| Yeast and other leavening compounds: | | | | | |
| Pounds | 217, 457, 113 | 1, 907, 273 | 219, 364, 386 | 216, 250, 945 | |
| Value | $16, 161, 816 | $256, 031 | $16, 417, 847 | $15, 926, 250 | |

TABLE 5.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

| | Pounds | Value |
|---|---|---|
| Baking powder: | | |
| United States [1] | 140, 270, 192 | $13, 808, 199 |
| Yeast and other leavening compounds: | | |
| United States | 219, 364, 386 | 16, 417, 847 |
| California | 17, 891, 473 | 1, 332, 753 |
| Illinois | 65, 591, 880 | 4, 277, 303 |
| Other States [2] | 135, 881, 033 | 10, 807, 791 |

[1] State figures withheld from publication to avoid disclosing data reported by individual establishments.
[2] District of Columbia, Iowa, Maryland, Massachusetts, Minnesota, Missouri, New Jersey, New York, Rhode Island, Washington, Wisconsin.

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 2, 334 | 2, 302 | 2, 362 | 2, 337 | 2, 306 | 2, 333 | 2, 334 | 2, 366 | 2, 345 | 2, 333 | 2, 333 | 2, 329 | 2, 334 |
| 1937 | 2, 380 | 2, 305 | 2, 378 | 2, 381 | 2, 361 | 2, 372 | 2, 428 | 2, 466 | 2, 416 | 2, 392 | 2, 380 | 2, 336 | 2, 345 |
| 1929 | 3, 006 | 3, 016 | 3, 072 | 3, 108 | 3, 076 | 3, 079 | 3, 035 | 2, 969 | 2, 944 | 2, 935 | 2, 905 | 2, 973 | 2, 956 |
| California | 110 | 105 | 107 | 108 | 111 | 111 | 116 | 110 | 109 | 112 | 113 | 110 | 110 |
| Illinois | 799 | 775 | 827 | 817 | 789 | 787 | 795 | 818 | 827 | 809 | 787 | 792 | 765 |
| New Jersey | 153 | 154 | 153 | 152 | 150 | 153 | 153 | 154 | 148 | 150 | 158 | 158 | 157 |
| New York | 391 | 382 | 387 | 378 | 383 | 406 | 396 | 413 | 387 | 385 | 394 | 376 | 405 |
| Wisconsin | 140 | 142 | 141 | 138 | 139 | 139 | 139 | 141 | 142 | 139 | 142 | 142 | 142 |

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 47 |
| Reporting expenditures for plant and equipment | 30 |
| Value of products: | |
| Total for the industry | $31, 774, 637 |
| Reporting expenditures for plant and equipment | 28, 749, 326 |
| Expenditures for plant and equipment: | |
| Total for the industry | 1, 857, 527 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 388, 259 |
| Expenditures for new machinery and operating equipment | 1, 430, 515 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 8, 518 |
| Expenditures unclassified | 30, 235 |

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $4, 864, 251 | $4, 163, 852 |
| Finished products | 1, 080, 953 | 978, 585 |
| Materials, supplies, etc | 3, 783, 298 | 3, 185, 267 |
| End of year, total | 4, 637, 878 | 4, 507, 572 |
| Finished products | 1, 106, 771 | 1, 197, 746 |
| Materials, supplies, etc | 3, 531, 107 | 3, 309, 826 |
| Value of products for the industry, total | 31, 774, 637 | 30, 279, 373 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 29, 292, 880 | 27, 805, 499 |
| Value for establishments not reporting inventories | 2, 481, 757 | 2, 473, 874 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 47 | 48 |
| Number of establishments reporting power equipment | 47 | 44 |
| Prime movers, aggregate: | | |
| Number | 88 | 169 |
| Horsepower | 23, 503 | 27, 749 |
| Prime movers, driving generators, total— | | |
| Number | 25 | [1] 169 |
| Horsepower | 7, 650 | [1] 27, 749 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929—Continued

| | 1939 | 1929 |
|---|---|---|
| Prime movers—Continued. | | |
| Prime movers, driving generators—Continued. | | |
| Steam engines— | | |
| Number | 24 | [1] 138 |
| Horsepower | 7, 250 | [1] 18, 096 |
| Steam turbines— | | |
| Number | 1 | [1] 28 |
| Horsepower | 400 | [1] 9, 571 |
| Diesel and semi-Diesel engines— | | |
| Number | ---------- | [1] 3 |
| Horsepower | ---------- | [1] 82 |
| Other internal-combustion engines [2]— | | |
| Number | ---------- | |
| Horsepower | ---------- | |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 1, 431 | |
| Prime movers not driving generators, total— | | |
| Number | 63 | |
| Horsepower | 15, 853 | |
| Steam engines— | | |
| Number | 40 | (3) |
| Horsepower | 5, 392 | (3) |
| Steam turbines— | | |
| Number | 21 | |
| Horsepower | 10, 429 | |
| Internal-combustion engines,[2] other than Diesel and semi-Diesel— | | |
| Number | 2 | |
| Horsepower | 32 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 1, 991 | (3) |
| Generators, kilowatt rating, total | 5, 245 | 5, 569 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 4, 945 | (3) |
| Steam turbines, kilowatt rating | 300 | (3) |
| Generators, ordinarily idle (included above), kilowatt rating | 1, 055 | (4) |
| Electric motors, total: | | |
| Number | 3, 614 | 2, 487 |
| Horsepower | 35, 164 | 28, 189 |
| Driven by purchased energy— | | |
| Number | 2, 292 | 1, 265 |
| Horsepower | 25, 309 | 15, 039 |
| Driven by energy generated in establishments reporting— | | |
| Number | 1, 322 | 1, 222 |
| Horsepower | 9, 855 | 13, 150 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 11, 380, 279 | (4) |
| Purchased | 31, 294, 384 | 20, 159, 189 |

[1] Includes data for prime movers not driving generators. [2] Gas, gasoline, etc.
[3] Not called for on schedule. [4] Data not available.

# COOKING AND OTHER EDIBLE FATS AND OILS, NOT ELSEWHERE CLASSIFIED

[A preliminary report for this industry was issued October 30, 1940]

**Description of the industry.**—This industry, as constituted for census purposes, includes establishments primarily engaged in the manufacture of edible vegetable and compound shortenings, vegetable cooking oils, salad oils, and other refined table oils made by further processing animal and vegetable oils produced in other industries.

**Lack of comparable statistics for years prior to 1927.**—Because of the transfer, in 1927, to this industry classification of the establishments engaged primarily in the manufacture of vegetable cooking oils, most of which were formerly assigned to the "Vegetable oils, not elsewhere classified" industry, no comparable statistics for years prior to 1927 are included in table 1 of this report.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1927 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 56 | 4,672 | $5,396,788 | $154,357,703 | $186,252,453 | $31,894,750 | 14,889 |
| 1937 | 48 | 4,901 | 5,651,480 | 204,383,306 | 239,495,067 | 35,111,761 | (5) |
| 1935 | 48 | 4,845 | 4,708,783 | 177,976,023 | 212,689,011 | 34,712,988 | (6) |
| 1933 | 49 | 3,658 | 3,216,556 | 68,149,045 | 85,829,574 | 17,680,529 | (5) |
| 1931 | 50 | 3,692 | 4,011,297 | 99,840,912 | 115,302,165 | 15,461,253 | (6) |
| 1929 | 40 | 2,996 | 3,381,248 | 139,030,964 | 154,553,197 | 15,522,233 | 10,747 |
| 1927 [7] | 33 | 2,655 | 2,624,371 | 137,078,600 | 148,468,076 | 11,389,476 | 10,187 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.
[7] No comparable data for earlier years. See second paragraph of text—"Lack of comparable statistics for years prior to 1927."

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | California | Georgia | New Jersey | New York | Tennessee | Texas | Virginia | Other States [1] |
|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [2] | 56 | 7 | 4 | 3 | 5 | 6 | 10 | 4 | 17 |
| Proprietors and firm members | 1 | | | | | | | | 1 |
| Persons reported by manufacturing establishments, total [3] | 6,407 | 759 | 561 | 675 | 497 | 750 | 884 | 201 | 2,081 |
| Salaried officers of corporations [3] | 41 | 6 | 1 | | 3 | 2 | 14 | | 15 |
| Manufacturing: | | | | | | | | | |
| Salaried employees [3] | 959 | 125 | 60 | 141 | 82 | 105 | 120 | 40 | 286 |
| Wage earners (average for the year) [4] | 4,672 | 425 | 446 | 506 | 376 | 581 | 652 | 155 | 1,532 |
| Distribution | 622 | 181 | 36 | 27 | 36 | 62 | 74 | | 206 |
| Construction | 103 | 22 | 13 | 1 | | | 23 | 4 | 40 |
| Other | 10 | | 5 | | | | 1 | 2 | 2 |
| Salaries and wages, total [3] | $9,088,273 | $1,390,327 | $567,281 | $1,099,320 | $816,058 | $928,199 | $1,039,906 | $277,672 | $2,969,510 |
| Salaried officers [3] | 313,067 | 26,160 | 4,599 | | 15,600 | 56,000 | 103,188 | | 107,520 |
| Manufacturing: | | | | | | | | | |
| Salaries [3] | 2,024,621 | 273,374 | 134,751 | 337,078 | 144,788 | 216,831 | 231,687 | 77,035 | 609,077 |
| Wages | 5,396,788 | 704,134 | 343,887 | 686,647 | 601,895 | 533,871 | 525,584 | 191,117 | 1,809,653 |
| Distribution | 1,220,173 | 351,068 | 67,769 | 74,071 | 53,775 | 121,497 | 152,575 | 1,718 | 397,700 |
| Construction | 126,974 | 35,591 | 13,046 | 1,524 | | | 26,066 | 6,293 | 44,454 |
| Other | 6,650 | | 3,229 | | | | 806 | 1,509 | 1,106 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 154,357,703 | 16,683,572 | 11,787,612 | 17,510,588 | 13,216,186 | 17,353,562 | 15,390,346 | 5,155,825 | 57,260,012 |
| Materials, supplies, and containers | 152,161,141 | 16,406,930 | 11,619,397 | 17,284,372 | 13,065,918 | 16,941,574 | 15,213,431 | 5,102,615 | 56,526,904 |
| Fuel | 1,369,659 | 133,870 | 88,451 | 126,568 | 135,881 | 185,533 | 128,061 | 28,509 | 542,786 |
| Purchased electric energy | 699,719 | 142,772 | 79,764 | 81,114 | 14,387 | 117,805 | 48,854 | 24,701 | 190,322 |
| Contract work | 127,184 | | | 18,534 | | 108,650 | | | |
| Value of products | 186,252,453 | 20,338,360 | 12,748,205 | 22,010,112 | 16,418,527 | 19,787,646 | 18,733,914 | 6,084,280 | 70,131,409 |
| Value added by manufacture [5] | 31,894,750 | 3,654,788 | 960,593 | 4,499,524 | 3,202,341 | 2,434,084 | 3,343,568 | 928,455 | 12,871,397 |

[1] Arkansas, 1 establishment; Florida, 2; Illinois, 2; Indiana, 1; Kentucky, 1; Louisiana, 2; Mississippi, 1; Missouri, 1; North Carolina, 1; Ohio, 2; Oregon, 1; Pennsylvania, 1; Rhode Island, 1.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Cooking and Other Edible Fats and Oils, Not Elsewhere Classified industry, all products, total value | $186, 252, 453 | $239, 495, 067 | $154, 553, 197 |
| Cooking and other edible fats and oils | 168, 710, 102 | 220, 165, 844 | 146, 850, 495 |
| Miscellaneous products, scrap and salable refuse | 8, 495, 753 | 19, 329, 223 | 7, 702, 702 |
| Receipts for contract work | 51, 116 | | |
| Other products not classified in this industry | [1] 8, 995, 482 | | |
| Cooking and other edible fats and oils, aggregate value | 198, 686, 587 | 275, 333, 207 | 207, 479, 743 |
| Cooking and other edible fats and oils made in the industry | 168, 710, 102 | 220, 165, 844 | 146, 850, 495 |
| Cooking and other edible fats and oils made as secondary products in other industries | 29, 976, 485 | 55, 167, 363 | 60, 629, 248 |

[1] Value of oleomargarine, salad dressings, soap stock, etc.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| PRODUCT | 1939 | | | | 1937 | 1929 |
|---|---|---|---|---|---|---|
| | Produced in the industry | Produced in the meat-packing industry | Produced in other industries | Total | | |
| Cooking and other edible fats and oils, aggregate value | $168, 710, 102 | (1) | (1) | $198, 686, 587 | $275, 333, 207 | $207, 479, 743 |
| Edible vegetable and compound shortenings [2]: | | | | | | |
| Total pounds | 1, 161, 405, 874 | 207, 910, 204 | 12, 619, 246 | 1, 381, 935, 324 | 1, 574, 572, 634 | 1, 256, 836, 501 |
| Total value | $109, 547, 158 | $16, 815, 152 | $1, 407, 761 | $127, 770, 071 | $184, 505, 604 | $147, 651, 407 |
| Made from vegetable oils only— | | | | | | |
| Pounds | 964, 277, 733 | 58, 021, 703 | 8, 099, 821 | 1, 030, 399, 257 | (3) | (3) |
| Value | $93, 532, 216 | $4, 873, 054 | $852, 430 | $99, 257, 700 | | |
| Made from animal and vegetable fats and oils— | | | | | | |
| Pounds | 197, 128, 141 | 149, 888, 601 | 4, 519, 425 | 351, 536, 067 | | |
| Value | $16, 014, 942 | $11, 942, 098 | $555, 331 | $28, 512, 371 | | |
| Vegetable cooking oils, vegetable salad oils, and other edible oils: | | | | | | |
| Total pounds | 774, 568, 531 | (1) | (1) | 926, 272, 728 | 903, 601, 072 | (3) |
| Total value | $59, 162, 944 | (1) | (1) | $70, 916, 516 | $90, 827, 603 | $59, 828, 336 |
| Hydrogenated— | | | | | | |
| Pounds | 132, 578, 679 | (1) | (1) | 200, 360, 427 | (4) | (4) |
| Value | $9, 781, 103 | (1) | (1) | $15, 493, 114 | | |
| Salad and cooking— | | | | | | |
| Pounds | 443, 624, 420 | (1) | (1) | 508, 005, 958 | | |
| Value | $35, 621, 776 | (1) | (1) | $40, 376, 447 | | |
| Refined— | | | | | | |
| Pounds | 198, 365, 432 | (1) | (1) | 217, 906, 343 | | |
| Value | $13, 760, 065 | (1) | (1) | $15, 046, 955 | | |

[1] Not shown to avoid disclosing an approximation of the value of products reported by an individual establishment.
[2] The differences between these figures and the corresponding ones given in the Bureau's reports entitled "Animal and Vegetable Fats and Oils" (for 1939, 1,403,550,811 pounds; for 1937, 1,594,929,342 pounds; for 1929, 1,220,101,530 pounds) are due to the fact that all the establishments covered by the "Animal and Vegetable Fats and Oils" report supply data for calendar years, whereas a part of the establishments covered by the Biennial Census make returns for their fiscal or business years.
[3] Data not available.
[4] Data not called for on schedule.

TABLE 5.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

| PRODUCT AND STATE | Pounds | Value |
|---|---|---|
| EDIBLE VEGETABLE AND COMPOUND SHORTENINGS | | |
| United States | 1, 381, 935, 324 | $127, 770, 071 |
| California | 108, 520, 418 | 9, 912, 317 |
| Colorado | 7, 473, 127 | 604, 109 |
| Georgia | 78, 243, 521 | 6, 183, 306 |
| Illinois | 93, 254, 221 | 8, 362, 691 |
| Kansas | 13, 994, 914 | 1, 098, 244 |
| New Jersey | 161, 575, 790 | 17, 805, 986 |
| Tennessee | 131, 056, 893 | 11, 044, 793 |
| Texas | 224, 262, 502 | 18, 969, 975 |
| Washington | 4, 744, 703 | 366, 723 |
| Other States [1]: | | |
| Mass., N. Y., Pa., R. I., Md | 159, 910, 164 | 15, 303, 042 |
| Ind., Ky., Ohio | 202, 188, 924 | 21, 774, 886 |
| Ala., Ark., Fla., La., N. C., Va., Miss | 148, 064, 763 | 12, 427, 540 |
| Mich., Minn., Mo., Nebr | 4, 446, 823 | 385, 323 |
| Other States—Continued. | | |
| Ariz., Mont., Nev., Okla | 29, 848, 400 | $2, 394, 620 |
| Oreg., S. Dak., Utah, Wis | 14, 350, 161 | 1, 136, 516 |
| VEGETABLE COOKING OILS, VEGETABLE SALAD OILS, AND OTHER EDIBLE OILS | | |
| United States | 926, 272, 728 | 70, 916, 516 |
| California | 117, 521, 437 | 9, 668, 805 |
| Illinois | 117, 766, 939 | 9, 270, 136 |
| New Jersey | 59, 811, 994 | 4, 828, 343 |
| Tennessee | 94, 247, 366 | 7, 363, 814 |
| Texas | 83, 925, 475 | 5, 463, 029 |
| Other States [1]: | | |
| Ala., Ark., Fla., Ga., Ky., La | 242, 456, 489 | 18, 052, 471 |
| Ariz., Colo., Kans., Mo., Okla | 39, 970, 555 | 2, 522, 773 |
| Md., Va., N. C | 60, 144, 579 | 4, 710, 995 |
| N. Y., Ohio, Pa | 110, 427, 894 | 9, 036, 150 |

[1] Figures for these States combined to avoid disclosing, exactly or approximately, data reported by individual establishments.

## TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937,[1] AND BY STATES, 1939

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 4,672 | 4,606 | 4,608 | 4,816 | 4,499 | 4,398 | 4,580 | 4,503 | 4,663 | 5,052 | 4,918 | 4,737 | 4,690 |
| 1937 | 4,901 | 5,004 | 4,792 | 4,941 | 4,889 | 4,750 | 4,929 | 4,884 | 4,910 | 4,917 | 4,949 | 4,963 | 4,882 |
| California | 425 | 430 | 417 | 408 | 422 | 434 | 441 | 442 | 419 | 434 | 444 | 387 | 421 |
| Georgia | 446 | 432 | 449 | 459 | 438 | 419 | 440 | 438 | 440 | 486 | 472 | 436 | 443 |
| New Jersey | 506 | 500 | 499 | 531 | 495 | 484 | 503 | 509 | 493 | 492 | 543 | 525 | 503 |
| New York | 376 | 363 | 374 | 380 | 377 | 380 | 384 | 375 | 370 | 385 | 384 | 376 | 360 |
| Tennessee | 581 | 572 | 550 | 635 | 532 | 528 | 557 | 567 | 572 | 676 | 590 | 612 | 582 |
| Texas | 652 | 622 | 628 | 648 | 572 | 543 | 584 | 574 | 704 | 821 | 767 | 694 | 673 |
| Virginia | 155 | 158 | 145 | 145 | 157 | 144 | 163 | 131 | 162 | 175 | 158 | 160 | 161 |

[1] Comparable statistics for 1929 not available.

## TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 56 |
| Reporting expenditures for plant and equipment | 46 |
| Value of products: | |
| Total for the industry | $186,252,453 |
| Reporting expenditures for plant and equipment | 179,419,732 |
| Expenditures for plant and equipment: | |
| Total for the industry | 3,124,197 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 729,535 |
| Expenditures for new machinery and operating equipment | 2,169,839 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 224,823 |

## TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $48,758,809 | $45,183,814 |
| Finished products | 21,977,522 | 17,116,547 |
| Materials, supplies, etc | 26,781,287 | 28,067,267 |
| End of year, total | 45,428,212 | 47,484,932 |
| Finished products | 20,717,684 | 14,598,518 |
| Materials, supplies, etc | 24,710,528 | 32,886,414 |
| Value of products for the industry, total | 186,252,453 | 239,495,067 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 185,478,326 | 239,442,855 |
| Value for establishments not reporting inventories | 774,127 | 52,212 |

## TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 56 | 40 |
| Number of establishments reporting power equipment | 56 | 38 |
| Prime movers, aggregate: | | |
| Number | 119 | 64 |
| Horsepower | 14,889 | 10,747 |
| Prime movers, driving generators, total— | | |
| Number | 31 | [1] 64 |
| Horsepower | 9,241 | [1] 10,747 |
| Steam engines— | | |
| Number | 25 | [1] 53 |
| Horsepower | 6,051 | [1] 7,542 |

## TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929—Continued

| | 1939 | 1929 |
|---|---|---|
| Prime movers—Continued. | | |
| Prime movers, driving generators—Continued. | | |
| Steam turbines— | | |
| Number | 3 | [1] 7 |
| Horsepower | 2,720 | [1] 2,155 |
| Diesel and semi-Diesel engines— | | |
| Number | 1 | |
| Horsepower | 150 | [1] 4 |
| Other internal-combustion engines [2]— | | [1] 1,050 |
| Number | 2 | |
| Horsepower | 320 | |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 1,710 | |
| Prime movers not driving generators, total— | | |
| Number | 88 | |
| Horsepower | 5,648 | |
| Steam engines— | | |
| Number | 79 | (3) |
| Horsepower | 4,077 | |
| Steam turbines— | | |
| Number | 5 | |
| Horsepower | 891 | |
| Internal-combustion engines,[2] other than Diesel and semi-Diesel— | | |
| Number | 4 | |
| Horsepower | 680 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 1,406 | (4) |
| Generators, kilowatt rating, total | 6,826 | 3,903 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 4,496 | |
| Steam turbines, kilowatt rating | 2,015 | |
| Diesel and semi-Diesel engines, kilowatt rating | 100 | (4) |
| Other internal-combustion engines,[2] kilowatt rating | 215 | |
| Generators, ordinarily idle (included above), kilowatt rating | 1,340 | (4) |
| Electric motors, total: | | |
| Number | 6,180 | 2,126 |
| Horsepower | 54,752 | 29,459 |
| Driven by purchased energy— | | |
| Number | 4,368 | 1,662 |
| Horsepower | 38,407 | 25,900 |
| Driven by energy generated in establishments reporting— | | |
| Number | 1,812 | 464 |
| Horsepower | 16,345 | 3,559 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 26,636,898 | (4) |
| Sold | 2,944,630 | (4) |
| Purchased | 77,390,752 | 48,334,845 |

[1] Includes data for prime movers not driving generators.
[2] Gas, gasoline, etc.
[3] Not called for on schedule.
[4] Data not available.

# OLEOMARGARINE—NOT MADE IN MEAT-PACKING ESTABLISHMENTS

[A preliminary report for this industry was issued October 26, 1940]

**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. The materials used include both vegetable and animal substances, such as coconut oil, peanut oil, cottonseed oil, oleo oil, milk, butter, neutral lard, etc. Secondary products, such as shortenings, vegetable cooking oils, salad oils, salad dressings, refined oils, etc., were reported by a few of the establishments. A large amount of oleomargarine is made by establishments classified in the Meat-Packing industry. (See table 4.)

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1899 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, and purchased electric energy | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 18 | 984 | $1,294,512 | $21,734,278 | $34,101,757 | $12,367,479 | 1,706 |
| 1937 | 16 | 1,214 | 1,606,804 | 30,987,306 | 44,562,694 | 13,575,388 | (4) |
| 1935 | 14 | 1,176 | 1,302,954 | 23,292,842 | 32,402,226 | 9,109,384 | (5) |
| 1933 | 16 | 841 | 855,479 | 8,311,993 | 12,765,620 | 4,453,627 | (4) |
| 1931 | 32 | 1,043 | 1,352,161 | 15,269,214 | 22,817,501 | 7,548,287 | (4) |
| 1929 | 41 | 1,534 | 2,263,700 | 30,890,075 | 46,521,823 | 15,631,748 | 2,510 |
| 1927 | 36 | 1,502 | 2,258,464 | 27,145,141 | 39,282,364 | 12,137,223 | 3,407 |
| 1925 | 38 | 1,639 | 2,278,102 | 28,384,433 | 39,856,034 | 11,471,601 | 2,292 |
| 1923 | 31 | 1,484 | 1,921,448 | 25,772,271 | 35,952,721 | 10,180,450 | 2,681 |
| 1921 | 45 | 2,041 | 2,728,058 | 28,062,134 | 39,176,577 | 11,114,443 | (4) |
| 1919 | 42 | 2,851 | 3,184,118 | 66,042,792 | 79,815,580 | 13,772,788 | 5,188 |
| 1914 | 17 | 917 | 583,592 | 10,257,480 | 15,079,784 | 4,822,304 | 2,250 |
| 1909 | 12 | 606 | 413,284 | 6,496,632 | 8,147,629 | 1,650,997 | 2,003 |
| 1904 | 14 | 522 | 315,736 | 4,397,538 | 5,573,725 | 1,176,187 | 1,420 |
| 1899 | 24 | 1,084 | 534,444 | 7,639,501 | 12,499,812 | 4,860,311 | 1,281 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, and purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Not called for on schedule.
[5] Data not available.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Illinois | Ohio | Other States [1] |
|---|---|---|---|---|
| Number of establishments [2] | 18 | 4 | 3 | 11 |
| Proprietors and firm members | 1 | | | 1 |
| Persons reported by manufacturing establishments, total [3] | 1,709 | 685 | 200 | 824 |
| Salaried officers of corporations [3] | 26 | 6 | 5 | 15 |
| Manufacturing: | | | | |
| Salaried employees [3] | 234 | 66 | 9 | 159 |
| Wage earners (average for the year) [4] | 984 | 366 | 78 | 540 |
| Distribution | 442 | 232 | 108 | 102 |
| Construction | 8 | | | 8 |
| Other | 15 | 15 | | |
| Salaries and wages, total [3] | $2,896,387 | $1,125,104 | $280,297 | $1,490,986 |
| Salaried officers [3] | 257,969 | 34,145 | 26,833 | 196,991 |
| Manufacturing: | | | | |
| Salaries [3] | 508,349 | 153,455 | 19,590 | 335,304 |
| Wages | 1,294,512 | 460,447 | 82,865 | 751,200 |
| Distribution | 797,239 | 452,592 | 151,009 | 193,638 |
| Construction | 13,853 | | | 13,853 |
| Other | 24,465 | 24,465 | | |
| Cost of materials, supplies, containers, fuel, and purchased electric energy, total | 21,734,278 | 5,251,872 | 2,140,545 | 14,341,861 |
| Materials, supplies, and containers | 21,467,103 | 5,165,174 | 2,118,507 | 14,183,422 |
| Fuel | 133,508 | 56,455 | 7,924 | 69,129 |
| Purchased electric energy | 133,667 | 30,243 | 14,114 | 89,310 |
| Contract work | | | | |
| Value of products | 34,101,757 | 8,918,750 | 3,353,756 | 21,829,251 |
| Value added by manufacture [5] | 12,367,479 | 3,666,878 | 1,213,211 | 7,487,390 |

[1] Alabama, 1 establishment; California, 3; Indiana, 1; Maryland, 1; Michigan, 1; Missouri, 1; New Jersey, 1; Texas, 2.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] Value of products less cost of materials, supplies, containers, fuel, and purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Oleomargarine—Not Made in Meat-Packing Establishments industry, all products, total value | $34,101,757 | $44,562,694 | $46,521,823 |
| Oleomargarine | 20,469,735 | 31,031,905 | 35,517,819 |
| Miscellaneous products, merchandise, scrap and salable refuse | 368,976 | 13,530,789 | 11,004,004 |
| Other products (not classified in this industry) | [1] 13,263,046 | | |
| Oleomargarine, total value | 32,248,350 | 50,876,734 | 60,415,460 |
| Oleomargarine made in the industry | 20,469,735 | 31,031,905 | 35,517,819 |
| Oleomargarine made as a secondary product in other industries | 11,778,615 | 19,844,829 | 24,897,641 |

[1] Value of salad dressings, salad and cooking oils, edible vegetable oils other than salad and cooking oils, shortenings (other than lard), and soap stock.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, and 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Oleomargarine: | | | |
| Total pounds [1] | 307,425,639 | 397,443,717 | 370,299,746 |
| Total value | $32,248,350 | $50,876,734 | $60,415,460 |
| Made in the Oleomargarine industry— | | | |
| Pounds | 181,259,533 | 237,426,291 | 206,367,352 |
| Value | $20,469,735 | $31,031,905 | $35,517,819 |
| Made as a secondary product in the Meat-Packing, Wholesale industry— | | | |
| Pounds | 75,643,740 | 96,002,836 | 108,173,643 |
| Value | $7,190,419 | $12,084,424 | $16,521,785 |
| Made as a secondary product in other industries— | | | |
| Pounds | 50,522,366 | 64,014,590 | 55,758,751 |
| Value | $4,588,196 | $7,760,405 | $8,375,856 |
| Reported according to materials used: | | | |
| Composed solely of vegetable oils— | | | |
| Pounds | 252,064,298 | 318,226,102 | 183,668,093 |
| Value | $26,757,444 | $40,670,031 | $28,741,241 |
| Composed of mixtures of animal and vegetable oils and fats— | | | |
| Pounds | 55,361,341 | 79,217,615 | 78,458,010 |
| Value | $5,490,906 | $10,206,703 | $15,152,434 |
| Reported according to materials used (made in the Meat-Packing, Wholesale industry): | | | |
| Pounds | | | 108,173,643 |
| Value | | | $16,521,785 |

Footnote in next column.

TABLE 5.—OLEOMARGARINE—PRODUCTION, BY QUANTITY AND VALUE, BY STATES: 1939

| | Pounds | Value |
|---|---|---|
| United States | 307,425,639 | $32,248,350 |
| California | 38,335,993 | 4,760,844 |
| Illinois | 86,332,398 | 9,911,717 |
| Kansas | 22,868,763 | 2,165,235 |
| Ohio | 56,168,624 | 5,321,086 |
| Texas | 8,501,047 | 933,713 |
| Other States [1]: | | |
| Ala., Ga., Md., Ind | 46,784,517 | 4,162,419 |
| Mass., N. J., W. Va., Mich | 37,470,071 | 3,946,122 |
| Minn., Mo., Nebr., Oreg | 10,964,226 | 1,047,214 |

[1] Figures for these States combined to avoid disclosing, exactly or approximately, data reported by individual establishments.

FOOTNOTE FOR TABLE 4, COLUMN 1

[1] The differences between these figures and the corresponding ones (for 1939, 332,972,819 pounds; for 1937, 389,264,249 pounds; for 1929, 333,121,451 pounds) given in the reports of the U. S. Bureau of Internal Revenue are due to the fact that the Internal Revenue figures are given for fiscal years ended June 30, whereas the establishments covered by the Biennial Census make returns for the calendar year except in a few cases where the reports are made on a fiscal or business year basis.

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 984 | 1,012 | 1,014 | 1,013 | 993 | 979 | 985 | 975 | 954 | 981 | 961 | 975 | 970 |
| 1937 | 1,214 | 1,199 | 1,192 | 1,152 | 1,134 | 1,181 | 1,214 | 1,284 | 1,215 | 1,261 | 1,273 | 1,253 | 1,207 |
| 1929 | 1,534 | 1,596 | 1,585 | 1,594 | 1,549 | 1,502 | 1,474 | 1,438 | 1,425 | 1,442 | 1,586 | 1,614 | 1,607 |
| Illinois | 366 | 378 | 371 | 372 | 369 | 379 | 377 | 354 | 356 | 360 | 351 | 368 | 362 |
| Ohio | 78 | 85 | 83 | 84 | 83 | 73 | 73 | 73 | 71 | 75 | 78 | 79 | 78 |

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 18 |
| Reporting expenditures for plant and equipment | 17 |
| Value of products. | |
| Total for the industry | $34,101,757 |
| Reporting expenditures for plant and equipment | 31,740,426 |
| Expenditures for plant and equipment: | |
| Total for the industry | 582,058 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 265,238 |
| Expenditures for new machinery and operating equipment | 305,962 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 5,905 |
| Expenditures unclassified | 4,953 |

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $3,042,907 | $3,108,814 |
| Finished products | 529,413 | 637,985 |
| Materials, supplies, etc | 2,513,494 | 2,470,829 |
| End of year, total | 3,199,873 | 2,891,645 |
| Finished products | 470,891 | 559,585 |
| Materials, supplies, etc | 2,728,982 | 2,332,060 |
| Value of products for the industry, total | 34,101,757 | 44,562,694 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 34,101,757 | 44,562,694 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 18 | 41 |
| Number of establishments reporting power equipment | 18 | 39 |
| Prime movers, aggregate: | | |
| Number | 16 | 21 |
| Horsepower | 1,706 | 2,510 |
| Prime movers, driving generators, total— | | |
| Number | 9 | [1] 21 |
| Horsepower | 605 | [1] 2,510 |
| Steam engines— | | |
| Number | 8 | [1] 18 |
| Horsepower | 525 | [1] 2,435 |
| Hydroturbines and water wheels— | | |
| Number | 1 | [1] 3 |
| Horsepower | 80 | [1] 75 |
| Prime movers not driving generators, total— | | |
| Number | 7 | (2) |
| Horsepower | 1,101 | |
| Steam engines— | | |
| Number | 6 | |
| Horsepower | 1,045 | |
| Diesel and semi-Diesel engines— | | |
| Number | 1 | |
| Horsepower | 56 | |
| Generators, kilowatt rating, total | 485 | 975 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 425 | (2) |
| Hydroturbines and water wheels, kilowatt rating | 60 | (2) |
| Electric motors, total: | | |
| Number | 2,733 | 1,082 |
| Horsepower | 9,516 | 5,569 |
| Driven by purchased energy— | | |
| Number | 2,393 | 701 |
| Horsepower | 8,691 | 4,160 |
| Driven by energy generated in establishments reporting— | | |
| Number | 340 | 381 |
| Horsepower | 825 | 1,409 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 5,640,000 | (3) |
| Purchased | 8,440,559 | 5,069,529 |

[1] Includes data for prime movers not driving generators.
[2] Not called for on schedule. [3] Data not available.

# CORN SIRUP, CORN SUGAR, CORN OIL, AND STARCH

[A preliminary report for this industry was issued September 18, 1940]

**Description of the industry.**—This industry includes all establishments primarily engaged in the manufacture of corn sirup, corn sugar, corn oil, and starch made from corn, potatoes, wheat, rice, etc., and related products, such as corn-oil, cake, meal, etc. It does not include establishments classified in the "Food preparations, not elsewhere classified" industry, and in other industries, which make corn sirup for their own use in the manufacture of sirups, jams, jellies, etc.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1899 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, and purchased electric energy | Value of products | Value added by manufacture [3] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 35 | 6,764 | $10,585,599 | $66,915,692 | $119,408,253 | $52,492,561 | 102,360 |
| 1937 | 27 | 7,010 | 10,411,461 | 96,462,119 | 135,819,685 | 39,357,566 | (4) |
| 1935 | 36 | 7,337 | 8,435,896 | 70,263,175 | 103,631,751 | 33,368,576 | (5) |
| 1933 | 28 | 7,591 | 8,574,654 | 47,419,618 | 93,360,979 | 45,941,361 | (4) |
| 1931 | 43 | 6,652 | 7,963,169 | 54,033,814 | 98,723,386 | 44,689,572 | (4) |
| 1929 | 35 | 6,730 | 9,872,909 | 104,284,827 | 165,983,739 | 61,698,912 | 83,488 |
| 1927 | 26 | 6,972 | 10,489,679 | 90,905,776 | 134,461,166 | 43,555,390 | 79,513 |
| 1925 | 30 | 6,492 | 9,378,157 | 93,063,575 | 132,897,974 | 39,834,399 | 70,879 |
| 1923 | 31 | 6,537 | 9,090,104 | 74,480,950 | 116,560,034 | 42,079,084 | 63,869 |
| 1921 | 32 | 6,131 | 7,840,098 | 50,861,124 | 80,040,795 | 29,179,671 | (4) |
| 1919 | 56 | 7,795 | 11,962,483 | 130,328,848 | 186,256,260 | 55,927,412 | 48,451 |
| 1914 | 89 | 4,509 | 3,549,565 | 40,207,592 | 52,615,401 | 12,407,809 | 38,998 |
| 1909 | 118 | 4,773 | 2,666,483 | 36,898,771 | 48,799,311 | 11,900,540 | 28,069 |
| 1904 | 140 | 4,679 | 2,641,059 | 25,518,876 | 32,649,836 | 7,130,960 | (5) |
| 1899 | 132 | 5,943 | 2,854,875 | 21,579,655 | 30,926,640 | 9,346,985 | (5) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, containers, fuel, and purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Not called for on schedule.
[5] Data not available.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | UNITED STATES | | | Iowa | Maine | Illinois, Indiana, and Ohio | Other States [1] |
|---|---|---|---|---|---|---|---|
| | Establishments reporting as their major products— | | Total for the industry | | | | |
| | Corn sirup, corn sugar, corn oil, and corn starch | Potato, wheat, rice, and other starches | | | | | |
| Number of establishments [2] | 12 | 23 | 35 | 3 | 17 | 7 | 8 |
| Proprietors and firm members | | 9 | 9 | | 7 | | 2 |
| Persons reported by manufacturing establishments, total [3] | 8,340 | 684 | 9,024 | 2,086 | 119 | 5,452 | 1,368 |
| Salaried officers of corporations [3] | 12 | 16 | 28 | 11 | 3 | 6 | 8 |
| Manufacturing: | | | | | | | |
| Salaried employees [3] | 1,104 | 38 | 1,142 | 245 | 4 | 689 | 204 |
| Wage earners (average for the year) [4] | 6,320 | 444 | 6,764 | 1,382 | 90 | 4,277 | 1,016 |
| Distribution | 570 | 95 | 665 | 250 | 5 | 341 | 69 |
| Construction | 145 | 77 | 222 | 41 | 17 | 107 | 57 |
| Other | 189 | 14 | 203 | 157 | | 32 | 14 |
| Salaries and wages, total [3] | $14,698.427 | $1,027,945 | $15,726,372 | $3,532,494 | $96,327 | $9,540,379 | $2,557,172 |
| Salaried officers [3] | 110,031 | 150,251 | 260,282 | 103,531 | 5,580 | 31,600 | 119,571 |
| Manufacturing: | | | | | | | |
| Salaries [3] | 2,841,910 | 112,165 | 2,954,075 | 634,762 | 5,085 | 1,742,881 | 571,347 |
| Wages | 10,112,911 | 472,688 | 10,585,599 | 2,045,378 | 68,245 | 6,838,276 | 1,633,700 |
| Distribution | 1,236,474 | 188,381 | 1,424,855 | 568,215 | 6,644 | 706,629 | 143,367 |
| Construction | 213,015 | 36,513 | 249,528 | 36,757 | 10,773 | 180,758 | 21,240 |
| Other | 184,086 | 67,947 | 252,033 | 143,851 | | 40,235 | 67,947 |
| Cost of materials, supplies, containers, fuel, and purchased electric energy, total | 64,150,738 | 2,764,954 | 66,915,692 | 12,576,520 | 473,060 | 44,114,548 | 9,751,564 |
| Materials, supplies, and containers [5] | 61,069,658 | 2,592,480 | 63,662,138 | 11,844,949 | 420,545 | 42,098,987 | 9,297,657 |
| Fuel | 2,929,041 | 139,987 | 3,069,028 | 697,615 | 33,447 | 1,963,584 | 374,382 |
| Purchased electric energy | 152,039 | 32,487 | 184,526 | 33,956 | 19,068 | 51,977 | 79,525 |
| Value of products | 113,425,704 | 5,982,549 | 119,408,253 | 21,668,402 | 787,507 | 77,844,276 | 19,108,068 |
| Value added by manufacture [6] | 49,274,966 | 3,217,595 | 52,492,561 | 9,091,882 | 314,447 | 33,729,728 | 9,356,504 |

[1] Massachusetts, 1 establishment; Michigan, 1; Mississippi, 1; Missouri, 3; New Jersey, 2.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] The quantities of corn and potatoes consumed in the industry were reported as 76,982,265 bushels of corn, and 198,700,272 pounds of potatoes.
[6] Value of products less cost of materials, supplies, containers, fuel, and purchased electric energy. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Corn Sirup, Corn Sugar, Corn Oil, and Starch industry, all products, total value [1] | $119,408,253 | $135,819,685 | $165,983,739 |
| Corn sirup, corn sugar, corn oil, starch, and dextrine | 95,780,155 | 112,008,442 | 133,573,267 |
| Other products (not classified in this industry) [2] | 23,628,098 | 23,811,243 | 32,410,472 |
| Corn sirup, corn sugar, corn oil, starch, and dextrine, aggregate value | 97,510,276 | 113,548,237 | 135,215,884 |
| Corn sirup, corn sugar, corn oil, starch, and dextrine made in this industry [3] | 95,780,155 | 112,008,442 | 133,573,267 |
| Corn oil and dextrine made as secondary products in other industries | 1,730,121 | 1,539,795 | 1,642,617 |

[1] 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.
[2] Stock feed, soybean oil and meal, paste, gluten flour and paste, and soap stock.
[3] See footnote 5, table 2.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| PRODUCT | 1939 | 1937 | 1929 |
|---|---|---|---|
| Corn sirup, corn sugar, corn oil, starch, and dextrine, aggregate value | $97,510,276 | $113,548,237 | $135,215,884 |
| Corn sirup and mixtures of corn and other sirups [1]: | | | |
| Total pounds | 1,231,182,463 | 1,113,779,947 | 1,165,183,157 |
| Total value | $33,075,823 | $36,998,391 | $40,553,180 |
| Corn sirup, unmixed— | | | |
| Pounds | 957,297,004 | 906,374,175 | 924,614,732 |
| Value | $21,134,056 | $26,605,776 | $27,951,363 |
| Mixtures of corn and other sirups— | | | |
| Pounds | 273,885,459 | 207,405,772 | 240,568,425 |
| Value | $11,941,767 | $10,392,615 | $12,601,817 |
| Corn sugar: | | | |
| Pounds | 467,153,433 | 467,650,734 | 896,121,276 |
| Value | $13,618,612 | $15,692,490 | $30,217,221 |
| Corn oil: | | | |
| Total pounds | 170,936,595 | 163,386,462 | 176,498,780 |
| Total value | $12,706,286 | $16,572,819 | $20,164,750 |
| Crude— | | | |
| Pounds | 65,935,966 | 50,263,206 | 89,556,989 |
| Value | $3,732,804 | $4,340,527 | $7,172,498 |
| Refined— | | | |
| Pounds | 105,000,629 | 113,123,256 | 86,941,791 |
| Value | $8,973,482 | $12,232,292 | $12,992,252 |
| Starch [2]: | | | |
| Total pounds | 1,212,833,027 | 1,005,877,602 | 1,123,450,905 |
| Total value | $33,338,359 | $39,207,647 | $42,830,055 |
| Corn— | | | |
| Pounds | 1,120,264,541 | 936,047,208 | 1,046,435,117 |
| Value | $29,325,368 | $35,672,363 | $39,284,604 |
| Potato— | | | |
| Pounds | 22,187,000 | 9,380,472 | 14,539,709 |
| Value | $876,740 | $287,927 | $491,555 |
| Other [3]— | | | |
| Pounds | 70,381,486 | 60,449,922 | 62,476,079 |
| Value | $3,136,251 | $3,247,357 | $3,053,896 |
| Corn oil, cake, and meal: | | | |
| Tons | 32,570 | 35,612 | 35,990 |
| Value | $584,861 | $952,680 | $1,450,678 |
| Dextrine: | | | |
| Pounds | 121,267,215 | 94,531,269 | (4) |
| Value | $4,186,335 | $4,124,210 | (4) |

[1] This item covers production for sale by manufacturers of corn sirup. No data are included for corn sirup made and consumed in the same plants, or for mixtures of corn and other sirups made from purchased materials by plants classified in certain other industries, particularly the "Food preparations, not elsewhere classified" industry.
[2] Part of this starch was sold to establishments within the industry for use as a material in the manufacture of other products.
[3] Wheat starch, rice starch, and starches processed or packed from purchased stock.
[4] No data.

TABLE 5.—CORN SUGAR CONSUMED IN SELECTED INDUSTRIES IN THE FOOD AND KINDRED PRODUCTS GROUP AND IN THE TOBACCO MANUFACTURES GROUP, BY QUANTITY AND COST, FOR THE UNITED STATES: 1939

| INDUSTRY | Pounds | Cost | Percentage of value of products for which data were reported |
|---|---|---|---|
| Aggregate total (a) and (b) | 310,040,354 | $11,572,197 | 98.5 |
| (a) FOOD AND KINDRED PRODUCTS GROUP | | | |
| Total | 309,066,703 | 11,543,736 | 98.3 |
| Meat Products, total | 4,134,592 | 166,134 | 98.6 |
| Meat-packing, wholesale | 3,130,764 | 125,618 | 98.5 |
| Sausages, prepared meats, and other meat products—not made in meat-packing establishments | 1,003,828 | 40,516 | 100.0 |
| Dairy Products, total | 13,926,876 | 571,732 | 98.9 |
| Creamery butter | 1,411,589 | 56,948 | 100.0 |
| Cheese | 32,750 | 1,246 | 100.0 |
| Condensed and evaporated milk | 2,602,457 | 99,478 | 100.0 |
| Ice cream and ices | 9,799,605 | 411,210 | 95.6 |
| Special dairy products | 80,475 | 2,850 | 100.0 |
| Canned and Preserved Foods, total | 25,569,298 | 952,834 | 99.8 |
| Canned and dried fruits and vegetables (including canned soups) | 16,642,854 | 630,431 | 99.9 |
| Preserves, jams, jellies, and fruit butters | 5,224,529 | 184,822 | 99.8 |
| Pickled fruits and vegetables and vegetable sauces and seasonings | 3,584,739 | 133,124 | 99.4 |
| Salad dressings | 117,176 | 4,457 | 99.7 |
| Quick-frozen foods | | | 100.0 |
| Grain-Mill Products, total | 1,869,880 | 68,305 | 96.4 |
| Flour and other grain-mill products | 176,306 | 7,410 | 97.3 |
| Prepared feeds (including mineral) for animals and fowls | (1) | (1) | 94.4 |
| Cereal preparations | (1) | (1) | 98.5 |
| Blended and prepared flour made from purchased flour | 1,150,538 | 42,239 | 94.4 |
| Bakery Products, total | 130,673,892 | 5,121,996 | 98.1 |
| Bread and other bakery products (except biscuit, crackers, and pretzels) | 118,556,872 | 4,653,243 | 97.8 |
| Biscuit, crackers, and pretzels | 12,117,020 | 468,753 | 99.8 |
| Confectionery and Related Products, total | 25,128,993 | 948,100 | 96.6 |
| Candy and other confectionery products | 22,028,334 | 828,592 | 94.9 |
| Chocolate and cocoa products | 1,662,383 | 68,697 | 99.9 |
| Chewing gum | 1,438,276 | 50,811 | 99.9 |
| Beverages, total | 83,800,818 | 2,871,837 | 99.1 |
| Nonalcoholic beverages | 5,675,683 | 258,690 | 98.1 |
| Malt liquors | 71,878,118 | 2,379,688 | 99.8 |
| Wines | (1) | (1) | 100.0 |
| Liquors, rectified or blended | (1) | (1) | 100.0 |
| Miscellaneous Food Preparations and Kindred Products, total | 23,962,354 | 842,798 | 98.2 |
| Flavoring extracts and flavoring sirups, not elsewhere classified | 15,292,006 | 519,801 | 94.3 |
| Vinegar and cider | (1) | (1) | 99.5 |
| Ice, manufactured | (1) | (1) | 100.0 |
| Macaroni, spaghetti, vermicelli, and noodles | 89,479 | 3,526 | 98.8 |
| Food preparations, not elsewhere classified | 8,431,949 | 314,530 | 99.8 |
| (b) TOBACCO MANUFACTURES GROUP | | | |
| Total | 973,651 | 28,461 | 99.9 |
| Cigarettes | (1) | (1) | 100.0 |
| Cigars | | | 99.9 |
| Tobacco (chewing and smoking) and snuff | (1) | (1) | 100.0 |

[1] Figures cannot be shown separately without disclosing, exactly or approximately, data reported by individual establishments; figures are included in the respective subgroup totals.

TABLE 6.—CORN SUGAR CONSUMED IN SELECTED INDUSTRIES NAMED IN TABLE 5, BY QUANTITY AND COST, BY STATES: 1939

| | Pounds | Cost | Percentage of value of products for which data were reported | | Pounds | Cost | Percentage of value of products for which data were reported |
|---|---|---|---|---|---|---|---|
| United States | 310,040,354 | $11,572,197 | 98.5 | Nebraska | 1,956,734 | $79,212 | 97.6 |
| | | | | Nevada | 204,260 | 7,913 | 98.1 |
| Alabama | 1,052,497 | 43,653 | 95.8 | New Hampshire | (1) | (1) | 97.9 |
| Arizona | 476,002 | 21,594 | 98.2 | New Jersey | 15,379,454 | 523,463 | 98.8 |
| Arkansas | 1,063,686 | 40,209 | 97.6 | New Mexico | 335,320 | 15,690 | 96.0 |
| California | 26,966,874 | 1,022,458 | 98.1 | | | | |
| Colorado | 2,484,943 | 99,438 | 96.6 | New York | 29,036,611 | 1,089,693 | 98.1 |
| Connecticut | 3,898,106 | 152,035 | 97.8 | North Carolina | 4,626,461 | 182,304 | 99.5 |
| Delaware | 692,272 | 25,506 | 99.5 | North Dakota | 270,380 | 12,153 | 99.5 |
| District of Columbia | 348,353 | 14,959 | 99.0 | Ohio | 28,242,603 | 1,039,214 | 98.1 |
| Florida | 3,633,170 | 136,378 | 96.1 | Oklahoma | 2,499,071 | 101,908 | 98.0 |
| Georgia | 3,804,114 | 143,683 | 97.2 | | | | |
| | | | | Oregon | 5,568,262 | 219,313 | 98.5 |
| Idaho | 692,169 | 27,253 | 99.3 | Pennsylvania | 20,228,358 | 769,624 | 97.8 |
| Illinois | 33,841,931 | 1,278,897 | 98.5 | Rhode Island | 5,485,999 | 177,789 | 98.2 |
| Indiana | 10,246,587 | 381,353 | 99.1 | South Carolina | 1,649,013 | 66,912 | 96.6 |
| Iowa | 6,602,373 | 259,133 | 99.5 | South Dakota | 756,450 | 31,143 | 99.1 |
| Kansas | 2,179,204 | 89,573 | 99.3 | | | | |
| | | | | Tennessee | 2,987,928 | 118,794 | 98.9 |
| Kentucky | 2,767,211 | 99,829 | 99.7 | Texas | 7,081,083 | 273,273 | 98.6 |
| Louisiana | 5,110,510 | 198,409 | 96.5 | Utah | 686,233 | 28,335 | 99.3 |
| Maine | 791,544 | 28,945 | 95.0 | Vermont | (1) | (1) | 99.3 |
| Maryland | 6,162,112 | 214,568 | 99.3 | Virginia | 4,600,988 | 179,579 | 99.0 |
| Massachusetts | 15,528,971 | 518,545 | 96.9 | | | | |
| | | | | Washington | 6,232,331 | 234,192 | 99.3 |
| Michigan | 12,996,722 | 489,920 | 98.6 | West Virginia | 2,206,547 | 87,263 | 97.0 |
| Minnesota | 9,501,678 | 336,449 | 99.0 | Wisconsin | 7,328,895 | 256,750 | 99.5 |
| Mississippi | 651,832 | 26,676 | 92.3 | Wyoming | 222,475 | 9,765 | 96.0 |
| Missouri | 9,140,910 | 345,574 | 98.6 | Undistributed | 1,418,910 | 54,914 | |
| Montana | 402,217 | 17,964 | 97.2 | | | | |

[1] Cannot be shown separately without disclosing, exactly or approximately, data reported by individual establishments. Figures included in those for "Undistributed."

TABLE 7.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 6,764 | 6,421 | 6,448 | 6,475 | 6,434 | 6,520 | 6,467 | 6,456 | 6,737 | 7,322 | 7,556 | 7,444 | 6,884 |
| 1937 | 7,010 | 7,060 | 7,327 | 7,282 | 7,302 | 7,517 | 7,328 | 6,721 | 6,331 | 6,861 | 6,816 | 6,750 | 6,831 |
| 1929 | 6,730 | 7,022 | 7,218 | 6,880 | 6,739 | 6,457 | 6,254 | 6,231 | 6,417 | 6,761 | 7,095 | 6,797 | 6,894 |
| Illinois | 3,553 | 3,407 | 3,411 | 3,450 | 3,426 | 3,498 | 3,520 | 3,432 | 3,488 | 3,786 | 3,961 | 3,865 | 3,395 |
| Iowa | 1,382 | 1,364 | 1,375 | 1,368 | 1,356 | 1,347 | 1,343 | 1,352 | 1,379 | 1,440 | 1,405 | 1,440 | 1,416 |
| Maine | 90 | 96 | 112 | 122 | 88 | 100 | 134 | 44 | 26 | 58 | 82 | 110 | 105 |
| Missouri | 493 | 484 | 493 | 456 | 482 | 483 | 363 | 494 | 488 | 557 | 574 | 525 | 514 |

TABLE 8.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 35 |
| Reporting expenditures for plant and equipment | 26 |
| Value of products: | |
| Total for the industry | $119,408,253 |
| Reporting expenditures for plant and equipment | 118,198,406 |
| Expenditures for plant and equipment: | |
| Total for the industry | 4,820,898 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 1,623,906 |
| Expenditures for new machinery and operating equipment | 3,183,192 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 1,000 |
| Expenditures unclassified | 12,800 |

TABLE 9.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $17,042,093 | $21,616,263 |
| Finished products | 6,266,132 | 8,841,774 |
| Materials, supplies, etc | 10,775,961 | 12,774,489 |
| End of year, total | 19,669,412 | 16,009,716 |
| Finished products | 7,199,460 | 5,922,346 |
| Materials, supplies, etc | 12,469,952 | 10,087,370 |
| Value of products for the industry, total | 119,408,253 | 135,819,685 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 119,327,033 | 135,796,539 |
| Value for establishments not reporting inventories | 81,220 | 23,146 |

TABLE 10.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 35 | 35 |
| Number of establishments reporting power equipment | 35 | 34 |
| Prime movers, aggregate: | | |
| Number | 69 | 70 |
| Horsepower | 102,360 | 83,488 |
| Prime movers, driving generators, total— | | |
| Number | 44 | [1] 70 |
| Horsepower | 96,979 | [1] 83,488 |
| Steam engines— | | |
| Number | 15 | [1] 39 |
| Horsepower | 12,907 | [1] 18,604 |
| Steam turbines— | | |
| Number | 27 | [1] 31 |
| Horsepower | 83,997 | [1] 64,884 |
| Diesel and semi-Diesel engines— | | |
| Number | 2 | ---------- |
| Horsepower | 75 | ---------- |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 7,956 | |
| Prime movers not driving generators, total— | | |
| Number | 25 | |
| Horsepower | 5,381 | |
| Steam engines— | | |
| Number | 11 | (2) |
| Horsepower | 2,728 | |
| Steam turbines— | | |
| Number | 13 | |
| Horsepower | 2,585 | |
| Diesel and semi-Diesel engines— | | |
| Number | 1 | |
| Horsepower | 68 | |
| Prime movers—Continued. | | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 385 | (2) |
| Generators, kilowatt rating, total | 71,538 | 58,235 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 9,920 | (2) |
| Steam turbines, kilowatt rating | 61,550 | (2) |
| Diesel and semi-Diesel engines, kilowatt rating | 68 | (2) |
| Generators, ordinarily idle (included above), kilowatt rating | 5,550 | (2) |
| Electric motors, total: | | |
| Number | 11,774 | 6,161 |
| Horsepower | 152,042 | 99,697 |
| Driven by purchased energy— | | |
| Number | 852 | 72 |
| Horsepower | 11,301 | 1,198 |
| Driven by energy generated in establishments reporting— | | |
| Number | 10,922 | 6,089 |
| Horsepower | 140,741 | 98,499 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 284,782,920 | (3) |
| Sold | 6,000 | (2) |
| Purchased | 17,386,893 | 1,747,248 |

[1] Includes data for prime movers not driving generators. [2] Not called for on schedule. [3] Data not available.

# FLAVORING EXTRACTS AND FLAVORING SIRUPS, NOT ELSEWHERE CLASSIFIED

[A preliminary report for this industry was issued December 28, 1940]

**Description of the industry.**—The establishments classified in this industry are engaged primarily in the manufacture of flavoring extracts and of sirups and fruit juices for soda-fountain use and for use as sauces for ice cream and other foods and of colors for bakers' and confectioners' use. It does not cover the production of fruit juices for beverage purposes (classified in the "Canned and dried fruits and vegetables" industry) or the manufacture of malt extracts and sirups (classified in the "Malt liquors" industry). As manufacturers of malt extracts and sirups were assigned to this industry and data for such establishments were included in the industry figures for census years prior to 1933, no comparable statistics for earlier years can be given.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1933 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 477 | 3,589 | $3,764,360 | $50,167,843 | $139,901,840 | $89,733,997 | 2,304 |
| 1937 | 398 | 4,162 | 4,274,145 | 46,279,888 | 117,897,193 | 71,617,305 | (5) |
| 1935 | 407 | 2,902 | 2,651,066 | 29,185,230 | 67,874,935 | 38,689,705 | (6) |
| 1933 [7] | 383 | 2,287 | 2,183,847 | 20,333,119 | 54,168,946 | 33,835,827 | (5) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] No data.
[7] No comparable data for years prior to 1933. See "Description of the industry," above.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | UNITED STATES | | | California | Colorado | Florida | Illinois | Indiana | Iowa | Massachusetts | Michigan | Minnesota |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reported by establishments primarily engaged in the manufacture of— | | Total for the industry | | | | | | | | | |
| | Flavoring extracts | Flavoring sirups | | | | | | | | | | |
| Number of establishments [1] | 305 | 172 | 477 | 46 | 5 | 5 | 48 | 9 | 6 | 24 | 17 | 11 |
| Proprietors and firm members | 164 | 57 | 221 | 28 | 2 | 2 | 14 | 2 | 3 | 9 | 8 | 7 |
| Persons reported by manufacturing establishments, total [2] | 3,704 | 3,246 | 6,950 | 748 | 19 | 35 | 1,052 | 72 | 33 | 304 | 148 | 121 |
| Salaried officers of corporations [2] | 270 | 170 | 440 | 27 | 3 | 4 | 71 | 8 | 1 | 23 | 15 | 9 |
| Manufacturing: | | | | | | | | | | | | |
| Salaried employees [2] | 425 | 479 | 904 | 120 | 2 | 7 | 136 | 15 | 4 | 31 | 21 | 12 |
| Wage earners (average for the year) [3] | 1,978 | 1,611 | 3,589 | 527 | 8 | 20 | 468 | 27 | 26 | 155 | 61 | 67 |
| Distribution | 996 | 935 | 1,931 | 57 | 6 | 4 | 368 | 22 | 2 | 89 | 49 | 33 |
| Construction | 24 | 11 | 35 | 15 | -------- | -------- | 5 | -------- | -------- | 4 | -------- | -------- |
| Other | 11 | 40 | 51 | 2 | -------- | -------- | 4 | -------- | -------- | 2 | 2 | -------- |
| Salaries and wages, total [2] | $6,228,701 | $6,071,258 | $12,299,959 | $1,160,779 | $29,893 | $52,647 | $1,982,582 | $129,263 | $38,925 | $469,215 | $331,844 | $182,367 |
| Salaried officers [2] | 1,553,491 | 1,253,041 | 2,806,532 | 267,578 | 13,090 | 24,025 | 476,801 | 34,224 | 6,000 | 102,650 | 84,723 | 42,885 |
| Manufacturing: | | | | | | | | | | | | |
| Salaries [2] | 759,401 | 914,608 | 1,674,009 | 229,991 | 819 | 10,248 | 252,190 | 18,754 | 4,360 | 51,592 | 47,971 | 18,405 |
| Wages | 1,843,461 | 1,920,899 | 3,764,360 | 559,798 | 8,571 | 11,539 | 438,856 | 23,540 | 25,454 | 147,553 | 55,754 | 70,316 |
| Distribution | 2,031,983 | 1,895,002 | 3,926,985 | 86,328 | 7,413 | 6,835 | 799,093 | 52,745 | 3,111 | 161,568 | 142,072 | 50,761 |
| Construction | 31,412 | 15,493 | 46,905 | 15,640 | -------- | -------- | 8,819 | -------- | -------- | 4,232 | -------- | -------- |
| Other | 8,953 | 72,215 | 81,168 | 1,444 | -------- | -------- | 6,823 | -------- | -------- | 1,620 | 1,324 | -------- |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 17,638,498 | 32,529,345 | 50,167,843 | 4,686,955 | 89,684 | 79,485 | 7,729,489 | 185,356 | 275,070 | 1,151,339 | 762,139 | 650,677 |
| Materials, supplies, and containers | 17,388,375 | 32,282,918 | 49,671,293 | 4,599,453 | 88,038 | 76,593 | 7,671,146 | 182,067 | 272,951 | 1,140,197 | 750,965 | 638,338 |
| Fuel | 132,399 | 125,796 | 258,195 | 39,526 | 508 | 2,104 | 26,578 | 1,810 | 1,550 | 6,380 | 6,276 | 8,201 |
| Purchased electric energy | 116,932 | 117,668 | 234,600 | 47,976 | 1,138 | 788 | 29,802 | 1,170 | 569 | 4,762 | 3,898 | 4,138 |
| Contract work | 792 | 2,963 | 3,755 | -------- | -------- | -------- | 1,963 | 309 | -------- | -------- | 1,000 | -------- |
| Value of products | 41,075,055 | 98,826,785 | 139,901,840 | 12,528,833 | 132,591 | 217,352 | 21,441,680 | 461,875 | 447,135 | 2,298,525 | 1,476,511 | 1,158,507 |
| Value added by manufacture [4] | 23,436,557 | 66,297,440 | 89,733,997 | 7,841,878 | 42,907 | 137,867 | 13,712,191 | 276,519 | 172,065 | 1,147,186 | 714,372 | 507,830 |

See footnotes at end of table.



463395—42——17

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Missouri | New York | Ohio | Oregon | Pennsylvania | Rhode Island | Tennessee | Texas | Virginia | Wisconsin | Other States [5] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 26 | 112 | 25 | 6 | 22 | 6 | 8 | 16 | 8 | 9 | 68 |
| Proprietors and firm members | 14 | 49 | 11 | 2 | 8 | 2 | 4 | 13 | 3 | 4 | 36 |
| Persons reported by manufacturing establishments, total [2] | 364 | 1,503 | 292 | 51 | 281 | 27 | 179 | 245 | 230 | 39 | 1,207 |
| Salaried officers of corporations [2] | 21 | 128 | 19 | 4 | 24 | 6 | 8 | 7 | 12 | 8 | 42 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 50 | 211 | 25 | 6 | 40 | 7 | 16 | 37 | 19 | 3 | 142 |
| Wage earners (average for the year) [3] | 197 | 769 | 158 | 34 | 120 | 10 | 127 | 112 | 162 | 17 | 524 |
| Distribution | 92 | 362 | 90 | 7 | 97 | 4 | 25 | 89 | 37 | 11 | 487 |
| Construction | | 8 | | | | | | | | | 3 |
| Other | 4 | 25 | | | | | 3 | | | | 9 |
| Salaries and wages, total [2] | $716,739 | $2,941,554 | $484,006 | $61,272 | $505,663 | $44,141 | $226,175 | $324,253 | $333,173 | $86,026 | $2,199,442 |
| Salaried officers [2] | 178,985 | 875,442 | 90,041 | 13,194 | 125,641 | 17,558 | 89,500 | 18,725 | 95,867 | 31,122 | 218,481 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 98,857 | 395,260 | 50,560 | 5,730 | 76,408 | 8,980 | 25,938 | 66,543 | 32,196 | 2,898 | 276,309 |
| Wages | 228,719 | 963,353 | 165,295 | 34,851 | 133,145 | 9,427 | 59,046 | 106,849 | 111,360 | 27,674 | 583,260 |
| Distribution | 196,071 | 654,279 | 178,110 | 7,497 | 170,469 | 8,176 | 49,651 | 132,136 | 93,750 | 24,332 | 1,102,588 |
| Construction | | 11,064 | | | | | | | | | 7,150 |
| Other | 14,107 | 42,156 | | | | | 2,040 | | | | 11,654 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 3,676,354 | 9,364,360 | 1,326,509 | 226,697 | 1,100,280 | 138,076 | 649,715 | 2,716,319 | 1,081,872 | 214,347 | 14,063,120 |
| Materials, supplies, and containers | 3,658,069 | 9,237,394 | 1,306,882 | 223,248 | 1,075,527 | 136,146 | 645,507 | 2,706,450 | 1,070,410 | 210,176 | 13,981,736 |
| Fuel | 9,097 | 66,512 | 11,561 | 1,027 | 13,066 | 1,349 | 1,646 | 3,703 | 5,711 | 2,552 | 49,038 |
| Purchased electric energy | 9,188 | 60,354 | 8,066 | 2,422 | 11,304 | 581 | 2,562 | 6,166 | 5,751 | 1,619 | 32,346 |
| Contract work | | 100 | | | 383 | | | | | | |
| Value of products | 9,478,472 | 27,009,226 | 2,696,281 | 313,960 | 4,199,137 | 247,361 | 1,587,015 | 8,466,114 | 1,890,418 | 378,257 | 43,472,590 |
| Value added by manufacture [4] | 5,802,118 | 17,644,866 | 1,369,772 | 87,263 | 3,098,857 | 109,285 | 937,300 | 5,749,795 | 808,546 | 163,910 | 29,409,470 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Alabama, 3 establishments; Arizona, 1; Arkansas, 1; District of Columbia, 1; Georgia, 10; Kansas, 1; Kentucky, 2; Louisiana, 4; Maine, 6; Maryland, 8; Nebraska, 2; New Jersey, 17; North Carolina, 2; Oklahoma, 1; Utah, 2; Vermont, 1; Washington, 6.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | | | 1937 |
|---|---|---|---|---|
| | Reported by establishments primarily engaged in the manufacture of— | | Total for the industry | |
| | Flavoring extracts | Flavoring sirups | | |
| Flavoring Extracts and Flavoring Sirups, Not Elsewhere Classified industry, all products, total value | $41,075,055 | $98,826,785 | $139,901,840 | $117,897,193 |
| Flavoring extracts, concentrates, powders, and pastes | 31,811,606 | 1,939,776 | 33,751,382 | 110,775,562 |
| Flavoring sirups, fruit juices (except grape), crushed fruit for fountain use, and colors | 4,369,152 | 93,510,303 | 97,879,455 | |
| Products not reported by kind | 849,685 | 897,025 | 1,746,710 | 497,330 |
| Miscellaneous products, including scrap and salable refuse | 1,204,459 | 771,080 | 1,975,539 | |
| Other products (not classified in this industry) | 2,168,269 | 1,649,949 | [1] 3,818,218 | 6,624,301 |
| Merchandise (goods bought and sold without processing) | 569,236 | 58,652 | | |
| Receipts for contract work | 102,648 | | 730,536 | |
| Flavoring extracts, flavoring sirups, etc., aggregate value | | | 147,645,892 | 126,769,020 |
| Made in the industry | | | 131,630,837 | 110,775,562 |
| Made as secondary products in other industries | | | 16,015,055 | 15,993,458 |

[1] Drugs, medicines, essential oils, chocolate and cocoa, blended sirups, pectin, desserts, etc.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

| PRODUCTS [1] | 1939 | | | | | 1937 |
|---|---|---|---|---|---|---|
| | Made by establishments— | | | | Aggregate | |
| | Primarily engaged in the manufacture of— | | | Classified in other industries | | |
| | Flavoring extracts | Flavoring sirups | Total | | | |
| Flavoring extracts, flavoring sirups, etc., aggregate value [2] | $36, 180, 758 | $95, 450, 079 | $131, 630, 837 | $16, 015, 055 | $147, 645, 892 | $126, 769, 020 |
| Flavoring extracts, total value | $14, 641, 694 | $1, 007, 630 | $15, 649, 324 | $9, 414, 186 | $25, 063, 510 | $23, 819, 800 |
| Quantity reported— | | | | | | |
| Gallons | 2, 953, 849 | 273, 055 | 3, 226, 904 | 1, 979, 658 | 5, 206, 562 | 4, 926, 486 |
| Value | $14, 641, 694 | $1, 007, 630 | $15, 649, 324 | $8, 696, 429 | $24, 345, 753 | $18, 927, 805 |
| Kind and quantity not reported, value | | | | $717, 757 | $717, 757 | $4, 891, 995 |
| Pure extracts— | | | | | | |
| Gallons | 1, 590, 124 | 79, 071 | 1, 669, 195 | 1, 957, 998 | 3, 627, 193 | (3) |
| Value | $10, 975, 715 | $544, 372 | $11, 520, 087 | $8, 666, 149 | $20, 186, 236 | |
| Imitation extracts— | | | | | | |
| Gallons | 1, 363, 725 | 193, 984 | 1, 557, 709 | 21, 660 | 1, 579, 369 | |
| Value | $3, 665, 979 | $463, 258 | $4, 129, 237 | $30, 280 | $4, 159, 517 | |
| Flavoring concentrates (except grape), total value | $12, 782, 183 | $656, 895 | $13, 439, 078 | $1, 007, 396 | $14, 446, 474 | $9, 621, 763 |
| Quantity reported— | | | | | | |
| Pounds | 7, 315, 755 | 463, 495 | 7, 779, 250 | | 7, 779, 250 | 4, 707, 574 |
| Value | $12, 782, 183 | $656, 895 | $13, 439, 078 | | $13, 439, 078 | $9, 621, 763 |
| Quantity not reported, value | | | | $1, 007, 396 | $1, 007, 396 | |
| Grape concentrates, total value | $788, 565 | $48, 425 | $836, 990 | $201, 395 | $1, 038, 385 | $217, 747 |
| Quantity reported— | | | | | | |
| Pounds | 1, 880, 472 | 53, 775 | 1, 934, 247 | | 1, 934, 247 | 212, 956 |
| Value | $788, 565 | $48, 425 | $836, 990 | | $836, 990 | $138, 797 |
| Quantity not reported, value | | | | $201, 395 | $201, 395 | $78, 950 |
| Flavoring powders, total value | $2, 775, 404 | $180, 127 | $2, 955, 531 | $481, 382 | $3, 436, 913 | $4, 571, 563 |
| Quantity reported— | | | | | | |
| Pounds | 8, 792, 798 | 796, 470 | 9, 589, 268 | | 9, 589, 268 | 12, 242, 206 |
| Value | $2, 775, 404 | $180, 127 | $2, 955, 531 | | $2, 955, 531 | $4, 033, 970 |
| Quantity not reported, value | | | | $481, 382 | $481, 382 | $537, 593 |
| Flavoring pastes, total value | $823, 760 | $46, 699 | $870, 459 | $330, 808 | $1, 201, 267 | $2, 160, 321 |
| Quantity reported— | | | | | | |
| Pounds | 7, 989, 779 | 160, 739 | 8, 150, 518 | | 8, 150, 518 | 14, 778, 631 |
| Value | $823, 760 | $46, 699 | $870, 459 | | $870, 459 | $1, 761, 496 |
| Quantity not reported, value | | | | $330, 808 | $330, 808 | $398, 825 |
| Burnt-sugar colors, value | $76, 092 | $1, 039, 265 | $1, 115, 357 | $413, 796 | $1, 529, 153 | $3, 966, 122 |
| Other colors, total value | $490, 486 | $644, 343 | $1. 134, 829 | $554, 336 | $1, 689, 165 | |
| Liquid | $178, 390 | $191, 914 | $370, 304 | $260, 910 | $631, 214 | (4) |
| Powder | $264, 629 | $359, 748 | $624, 377 | $293, 426 | $917, 803 | |
| Paste | $47, 467 | $92, 681 | $140, 148 | | $140, 148 | |
| Flavoring sirups, total value [1] | $2, 588, 661 | $87, 393, 698 | $89, 982, 359 | $3, 229, 482 | $93, 211, 841 | $76, 417, 490 |
| Quantity reported— | | | | | | |
| Gallons | 1, 746, 488 | 73, 868, 033 | 75, 614, 521 | 1, 384, 139 | 76, 998, 660 | 57, 234, 308 |
| Value | $2, 588, 661 | $87, 393, 698 | $89, 982, 359 | $1, 740, 376 | $91, 722, 735 | $76, 417, 490 |
| Quantity not reported, value | | | | $1, 489, 106 | $1, 489, 106 | |
| Fruit juices (except grape) [5]— | | | | | | |
| Gallons | 916, 387 | 759, 214 | 1, 675, 601 | | 1, 675, 601 | 1, 545, 665 |
| Value | $611, 569 | $948, 390 | $1, 559, 959 | | $1, 559, 959 | $1, 566, 220 |
| Crushed fruit for fountain use, total value | $602, 344 | $3, 484, 607 | $4, 086, 951 | $382, 274 | $4, 469, 225 | $4, 427, 994 |
| Quantity reported— | | | | | | |
| Gallons | 231, 766 | 1, 805, 432 | 2, 037, 198 | | 2, 037, 198 | 3, 124, 821 |
| Value | $602, 344 | $3, 484, 607 | $4, 086, 951 | | $4, 086, 951 | $4, 427, 994 |
| Quantity not reported, value | | | | $382, 274 | $382, 274 | |

[1] Not including chocolate sirups made in the "Chocolate and Cocoa Products" industry, as follows: For 1939, 6,825,326 gallons, valued at $6,009,526; for 1937, 5,711,974 gallons, valued at $5,341,315.
[2] These values of flavoring extracts and flavoring sirups do not include the value of those included in the item "Products not reported by kind," table 3.
[3] Not called for on schedule.
[4] No data.
[5] Not including grape juice and other fruit juices made for sale as beverages, data for which are included in the report for the "Canned and dried fruits and vegetables" industry.

## TABLE 5.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| UNITED STATES | | | | | | | | | | | | | |
| 1939 | | | | | | | | | | | | | |
| Total for the industry | 3,589 | 3,067 | 3,442 | 3,455 | 3,616 | 3,838 | 4,134 | 4,131 | 3,729 | 3,718 | 3,652 | 3,249 | 3,041 |
| Reported by establishments primarily engaged in manufacture of— | | | | | | | | | | | | | |
| Flavoring extracts | 1,978 | 1,655 | 1,966 | 1,961 | 2,046 | 2,158 | 2,355 | 2,323 | 1,992 | 1,969 | 1,975 | 1,752 | 1,583 |
| Flavoring sirups | 1,611 | 1,412 | 1,476 | 1,494 | 1,570 | 1,680 | 1,779 | 1,808 | 1,737 | 1,749 | 1,677 | 1,497 | 1,458 |
| 1937 | | | | | | | | | | | | | |
| Total for the industry | 4,162 | 3,308 | 3,703 | 4,180 | 4,563 | 4,902 | 5,175 | 4,890 | 4,460 | 4,198 | 3,847 | 3,451 | 3,267 |
| Reported by establishments primarily engaged in manufacture of— | | | | | | | | | | | | | |
| Flavoring extracts | 1,920 | 1,397 | 1,707 | 2,056 | 2,233 | 2,458 | 2,571 | 2,354 | 2,009 | 1,845 | 1,610 | 1,441 | 1,357 |
| Flavoring sirups | 2,242 | 1,911 | 1,996 | 2,124 | 2,330 | 2,444 | 2,604 | 2,536 | 2,451 | 2,353 | 2,237 | 2,010 | 1,910 |
| STATES, 1939 | | | | | | | | | | | | | |
| Alabama | 25 | 24 | 24 | 25 | 25 | 25 | 26 | 26 | 26 | 26 | 25 | 25 | 25 |
| California | 527 | 344 | 399 | 434 | 477 | 544 | 649 | 688 | 674 | 702 | 687 | 453 | 275 |
| Colorado | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 8 | 8 | 8 |
| Florida | 20 | 7 | 7 | 25 | 27 | 27 | 20 | 81 | 15 | 15 | 7 | 7 | 7 |
| Georgia | 116 | 101 | 103 | 104 | 106 | 118 | 122 | 130 | 127 | 126 | 118 | 117 | 117 |
| Illinois | 468 | 397 | 671 | 513 | 532 | 566 | 662 | 554 | 352 | 358 | 334 | 342 | 341 |
| Indiana | 27 | 18 | 22 | 29 | 35 | 27 | 44 | 43 | 26 | 22 | 20 | 18 | 18 |
| Iowa | 26 | 25 | 25 | 25 | 25 | 29 | 29 | 30 | 28 | 26 | 25 | 25 | 25 |
| Louisiana | 35 | 33 | 33 | 33 | 33 | 35 | 36 | 36 | 36 | 35 | 35 | 35 | 35 |
| Maine | 20 | 20 | 20 | 21 | 20 | 21 | 21 | 20 | 19 | 18 | 19 | 18 | 18 |
| Maryland | 156 | 147 | 149 | 151 | 144 | 146 | 158 | 157 | 161 | 163 | 166 | 162 | 163 |
| Massachusetts | 155 | 137 | 136 | 141 | 151 | 154 | 156 | 170 | 170 | 163 | 164 | 162 | 158 |
| Michigan | 61 | 51 | 51 | 51 | 67 | 68 | 61 | 75 | 65 | 71 | 62 | 57 | 53 |
| Minnesota | 67 | 59 | 61 | 69 | 71 | 74 | 76 | 76 | 71 | 62 | 63 | 59 | 58 |
| Missouri | 197 | 169 | 186 | 191 | 196 | 214 | 202 | 205 | 193 | 216 | 221 | 193 | 176 |
| New Jersey | 130 | 107 | 102 | 115 | 128 | 155 | 162 | 165 | 140 | 131 | 117 | 119 | 118 |
| New York | 769 | 733 | 746 | 734 | 751 | 787 | 830 | 789 | 802 | 800 | 828 | 716 | 716 |
| Ohio | 158 | 141 | 145 | 151 | 163 | 166 | 174 | 177 | 165 | 159 | 155 | 152 | 149 |
| Oregon | 34 | 33 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 33 |
| Pennsylvania | 120 | 105 | 105 | 116 | 116 | 123 | 139 | 141 | 135 | 122 | 116 | 115 | 111 |
| Rhode Island | 10 | 8 | 8 | 8 | 10 | 10 | 11 | 11 | 11 | 9 | 10 | 9 | 9 |
| Tennessee | 127 | 92 | 97 | 155 | 165 | 159 | 163 | 160 | 117 | 108 | 105 | 98 | 101 |
| Texas | 112 | 96 | 99 | 106 | 114 | 118 | 115 | 117 | 127 | 117 | 112 | 108 | 109 |
| Virginia | 162 | 158 | 158 | 161 | 162 | 170 | 160 | 160 | 161 | 161 | 164 | 163 | 162 |
| Washington | 23 | 20 | 20 | 20 | 20 | 21 | 31 | 31 | 23 | 23 | 23 | 22 | 23 |
| Wisconsin | 17 | 16 | 16 | 17 | 18 | 18 | 18 | 17 | 17 | 17 | 15 | 15 | 16 |

## TABLE 6.—CONSUMPTION OF MATERIALS IN THE INDUSTRY BY KIND, QUANTITY, AND COST, FOR THE UNITED STATES: 1939

[The value of products of the 391 establishments which reported the consumption of materials in 1939 amounted to $131,944,763, or 94.3 percent of the total value of products for the industry. Comparable figures for 1937 are not available]

| KIND | Total for the industry | REPORTED BY ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE OF— | |
|---|---|---|---|
| | | Flavoring extracts | Flavoring sirups |
| Sugar: | | | |
| Total pounds | 447,866,044 | 36,859,733 | 411,006,311 |
| Total cost | $19,849,993 | $1,618,922 | $18,231,071 |
| Beet— | | | |
| Pounds | 8,458,899 | 791,900 | 7,666,999 |
| Cost | $376,896 | $36,912 | $339,984 |
| Cane— | | | |
| Pounds | 424,115,139 | 31,001,114 | 393,114,025 |
| Cost | $18,953,296 | $1,411,819 | $17,541,477 |
| Corn— | | | |
| Pounds | 15,292,006 | 5,066,719 | 10,225,287 |
| Cost | $519,801 | $170,191 | $349,610 |
| Corn sirup: | | | |
| Pounds | 13,050,267 | 2,107,041 | 10,943,226 |
| Cost | $334,417 | $62,542 | $271,875 |
| Essential oils: | | | |
| Pounds | 1,370,884 | 597,496 | 773,388 |
| Cost | $1,964,929 | $1,180,707 | $784,222 |
| Glycerin: | | | |
| Pounds | 1,389,933 | 921,720 | 468,213 |
| Cost | $187,496 | $125,250 | $62,246 |
| Vanilla beans: | | | |
| Pounds | 408,952 | 345,505 | 63,447 |
| Cost | $1,852,658 | $1,556,771 | $295,887 |
| Alcohol: | | | |
| Gallons | 523,877 | 458,778 | 65,099 |
| Cost | $2,391,177 | $2,097,388 | $293,789 |
| Caramel: | | | |
| Gallons | 1,578,703 | 236,595 | 1,342,108 |
| Cost | $777,299 | $138,607 | $638,692 |
| Fruits, cost | $2,712,828 | $1,307,909 | $1,404,919 |

## TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | REPORTED BY ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE OF— | | Total for the industry |
|---|---|---|---|
| | Flavoring extracts | Flavoring sirups | |
| Number of establishments: | | | |
| Total for the industry | 305 | 172 | 477 |
| Reporting expenditures for plant and equipment | 131 | 83 | 214 |
| Value of products: | | | |
| Total for the industry | $41,075,055 | $98,826,785 | $139,901,840 |
| Reporting expenditures for plant and equipment | 32,491,231 | 94,269,528 | 126,760,759 |
| Expenditures for plant and equipment: | | | |
| Total for the industry | 659,781 | 2,066,276 | 2,726,057 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 237,880 | 945,585 | 1,183,465 |
| Expenditures for new machinery and operating equipment | 294,405 | 1,072,865 | 1,367,270 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 125,524 | 46,790 | 172,314 |
| Expenditures unclassified | 1,972 | 1,036 | 3,008 |

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | | | 1937 |
|---|---|---|---|---|
| | Reported by establishments primarily engaged in the manufacture of— | | Total | |
| | Flavoring extracts | Flavoring sirups | | |
| Inventories: | | | | |
| Beginning of year, total | $5,941,995 | $20,351,528 | $26,293,523 | $18,926,531 |
| Finished products | 2,548,642 | 1,811,258 | 4,359,900 | 3,004,587 |
| Materials, supplies, etc. | 3,393,353 | 18,540,270 | 21,933,623 | 15,921,944 |
| End of year, total | 6,541,345 | 21,677,611 | 28,218,956 | 25,016,887 |
| Finished products | 2,657,741 | 1,944,158 | 4,601,899 | 3,630,096 |
| Materials, supplies, etc. | 3,883,604 | 19,733,453 | 23,617,057 | 21,386,791 |
| Value of products for the industry, total | 41,075,055 | 98,826,785 | 139,901,840 | 117,897,193 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 37,471,484 | 97,278,435 | 134,749,919 | 104,476,712 |
| Value for establishments not reporting inventories | 3,603,571 | 1,548,350 | 5,151,921 | 13,420,481 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 [1]

| | REPORTED BY ESTABLISHMENTS PRIMARILY ENGAGED IN MANUFACTURE OF— | | Total for the industry |
|---|---|---|---|
| | Flavoring extracts | Flavoring sirups | |
| Number of establishments | 305 | 172 | 477 |
| Number of establishments reporting power equipment | 305 | 171 | 476 |
| Prime movers, aggregate: | | | |
| Number | 17 | 22 | 39 |
| Horsepower | 1,481 | 823 | 2,304 |
| Prime movers, driving generators, total— | | | |
| Number | 5 | 1 | 6 |
| Horsepower | 599 | 125 | 724 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 [1]—Continued

| | REPORTED BY ESTABLISHMENTS PRIMARILY ENGAGED IN MANUFACTURE OF— | | Total for the industry |
|---|---|---|---|
| | Flavoring extracts | Flavoring sirups | |
| Prime movers—Continued. | | | |
| Prime movers, driving generators—Con. | | | |
| Steam engines— | | | |
| Number | 4 | 1 | 5 |
| Horsepower | 562 | 125 | 687 |
| Diesel and semi-Diesel engines— | | | |
| Number | 1 | ---------- | 1 |
| Horsepower | 37 | ---------- | 37 |
| Prime movers not driving generators, total— | | | |
| Number | 12 | 21 | 33 |
| Horsepower | 882 | 698 | 1,580 |
| Steam engines— | | | |
| Number | 9 | 14 | 23 |
| Horsepower | 588 | 637 | 1,225 |
| Steam turbines— | | | |
| Number | 1 | 1 | 2 |
| Horsepower | 235 | 25 | 260 |
| Diesel and semi-Diesel engines— | | | |
| Number | 1 | 5 | 6 |
| Horsepower | 55 | 31 | 86 |
| Other internal-combustion engines [2]— | | | |
| Number | 1 | 1 | 2 |
| Horsepower | 4 | 5 | 9 |
| Generators, kilowatt rating, total | 389 | 82 | 471 |
| Generators, driven by— | | | |
| Steam engines, kilowatt rating | 364 | 82 | 446 |
| Diesel and semi-Diesel engines, kilowatt rating | 25 | ---------- | 25 |
| Electric motors, total: | | | |
| Number | 3,279 | 2,407 | 5,686 |
| Horsepower | 6,716 | 6,066 | 12,782 |
| Driven by purchased energy— | | | |
| Number | 3,022 | 2,210 | 5,232 |
| Horsepower | 6,042 | 5,622 | 11,664 |
| Driven by energy generated in establishments reporting— | | | |
| Number | 257 | 197 | 454 |
| Horsepower | 674 | 444 | 1,118 |
| Electric energy (kilowatt-hours): | | | |
| Generated in plant | 429,571 | 15,330 | 444,901 |
| Sold | 6,000 | ---------- | 6,000 |
| Purchased | 5,176,376 | 6,125,518 | 11,301,894 |

[1] Comparable data for 1929 not available.
[2] Gas, gasoline, etc.

# VINEGAR AND CIDER

[A preliminary report for this industry was issued December 10, 1940]

**Description of the industry.**—This industry, as constituted for census purposes, embraces establishments primarily engaged in the manufacture of vinegar and cider in factories. It does not include small custom mills or those located on farms.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1899 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 132 | 1,059 | $876,651 | $4,265,980 | $7,505,800 | $3,239,820 | 1,102 |
| 1937 | 117 | 974 | 835,640 | 3,773,995 | 6,427,223 | 2,653,228 | (5) |
| 1935 | 125 | 1,037 | 1,001,945 | 4,760,548 | 8,518,080 | 3,757,532 | (5) |
| 1933 | 121 | 844 | 723,545 | 3,943,165 | 6,630,508 | 2,687,343 | (5) |
| 1931 | 137 | 848 | 885,446 | 4,248,686 | 7,506,009 | 3,257,323 | (5) |
| 1929 | 172 | 979 | 1,021,581 | 6,016,029 | 10,450,332 | 4,434,303 | 2,346 |
| 1927 | 158 | 1,123 | 1,235,996 | 5,858,241 | 10,755,246 | 4,897,005 | 2,096 |
| 1925 | 161 | 1,243 | 1,231,947 | 6,838,080 | 12,233,099 | 5,395,019 | 2,579 |
| 1923 | 190 | 1,317 | 1,279,000 | 7,462,321 | 12,535,126 | 5,072,805 | 3,571 |
| 1921 | 227 | 1,481 | 1,578,142 | 9,893,690 | 18,248,828 | 8,355,138 | (5) |
| 1919 | 720 | 1,981 | 2,047,469 | 15,558,525 | 24,722,610 | 9,164,085 | 13,006 |
| 1914 | 618 | 1,229 | 712,667 | 4,440,452 | 7,810,892 | 3,370,440 | 11,289 |
| 1909 | 963 | 1,542 | 723,488 | 4,964,045 | 8,447,577 | 3,483,532 | 15,944 |
| 1904 | 568 | 1,528 | 725,148 | 3,852,233 | 7,265,469 | 3,413,236 | 10,254 |
| 1899 | 613 | 1,557 | 652,077 | 3,134,313 | 5,931,692 | 2,797,379 | 16,614 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Alabama | California | Connecticut | Illinois | Massachusetts | Michigan | New Jersey |
|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 132 | 3 | 13 | 3 | 7 | 9 | 10 | 4 |
| Proprietors and firm members | 70 | | 11 | 2 | 2 | 4 | 9 | 1 |
| Persons reported by manufacturing establishments, total [2] | 1,330 | 24 | 89 | 14 | 101 | 96 | 80 | 68 |
| Salaried officers of corporations [2] | 43 | | 3 | | 4 | 8 | | 3 |
| Manufacturing: | | | | | | | | |
| Salaried employees [2] | 145 | 3 | 10 | | 14 | 14 | 8 | 7 |
| Wage earners (average for the year) [2] | 1,059 | 20 | 67 | 13 | 79 | 72 | 72 | 56 |
| Distribution | 71 | 1 | 9 | 1 | 4 | 2 | | 1 |
| Construction | | | | | | | | |
| Other | 12 | | | | | | | 1 |
| Salaries and wages, total [2] | $1,356,274 | $24,983 | $102,071 | $9,765 | $151,049 | $93,739 | $63,456 | $65,263 |
| Salaried officers [2] | 153,355 | | 4,650 | | 27,755 | 16,260 | | 5,840 |
| Manufacturing: | | | | | | | | |
| Salaries [2] | 208,095 | 7,352 | 13,595 | | 32,984 | 14,519 | 7,026 | 8,731 |
| Wages | 876,651 | 16,591 | 69,025 | 9,179 | 79,646 | 58,888 | 56,430 | 48,233 |
| Distribution | 110,199 | 1,040 | 14,801 | 586 | 10,664 | 4,072 | | 1,115 |
| Construction | | | | | | | | |
| Other | 7,974 | | | | | | | 1,344 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 4,265,980 | 85,173 | 313,287 | 23,710 | 416,801 | 261,074 | 266,825 | 244,234 |
| Materials, supplies, and containers | 4,062,305 | 79,634 | 300,843 | 22,336 | 401,376 | 250,975 | 259,930 | 236,418 |
| Fuel | 101,515 | 2,610 | 4,902 | 889 | 3,182 | 3,717 | 2,652 | 5,481 |
| Purchased electric energy | 101,657 | 2,929 | 7,039 | 485 | 12,243 | 6,382 | 4,243 | 2,335 |
| Contract work | 503 | | 503 | | | | | |
| Value of products | 7,505,800 | 146,554 | 545,004 | 49,816 | 780,686 | 437,969 | 486,170 | 381,111 |
| Value added by manufacture [4] | 3,239,820 | 61,381 | 231,717 | 26,106 | 363,885 | 176,895 | 219,345 | 136,877 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | New York | Oregon | Pennsylvania | Tennessee | Texas | Virginia | Washington | Other States [5] |
|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 22 | 4 | 4 | 4 | 6 | 5 | 7 | 31 |
| Proprietors and firm members | 17 | 2 | 1 | 2 | 4 | 2 | 1 | 12 |
| Persons reported by manufacturing establishments, total [2] | 150 | 18 | 39 | 67 | 55 | 122 | 56 | 351 |
| Salaried officers of corporations [2] | 1 | ---------- | 2 | 3 | 3 | 1 | 3 | 12 |
| Manufacturing: | | | | | | | | |
| Salaried employees [2] | 16 | 2 | 7 | 6 | 4 | 10 | 6 | 38 |
| Wage earners (average for the year) [3] | 118 | 14 | 27 | 47 | 39 | 105 | 45 | 285 |
| Distribution | 9 | 1 | 3 | 7 | 9 | 6 | 2 | 16 |
| Construction | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Other | 6 | 1 | ---------- | 4 | ---------- | ---------- | ---------- | ---------- |
| Salaries and wages, total [2] | $140,775 | $19,300 | $59,183 | $62,774 | $65,071 | $77,433 | $44,094 | $377,318 |
| Salaried officers [2] | 4,326 | ---------- | 5,150 | 9,194 | 18,500 | 1,525 | 4,575 | 55,580 |
| Manufacturing: | | | | | | | | |
| Salaries [2] | 21,294 | 4,167 | 11,819 | 8,978 | 7,495 | 10,470 | 5,087 | 54,578 |
| Wages | 104,757 | 10,474 | 34,884 | 26,628 | 26,551 | 62,422 | 33,757 | 239,186 |
| Distribution | 8,842 | 3,659 | 7,330 | 13,900 | 12,525 | 3,016 | 675 | 27,974 |
| Construction | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Other | 1,556 | 1,000 | ---------- | 4,074 | ---------- | ---------- | ---------- | ---------- |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 434,554 | 30,561 | 117,566 | 175,671 | 210,176 | 284,822 | 195,903 | 1,205,623 |
| Materials, supplies, and containers | 401,446 | 28,661 | 111,373 | 168,378 | 203,811 | 270,699 | 187,477 | 1,138,948 |
| Fuel | 16,000 | 613 | 3,355 | 4,441 | 2,327 | 8,667 | 4,257 | 38,422 |
| Purchased electric energy | 17,108 | 1,287 | 2,838 | 2,852 | 4,038 | 5,456 | 4,169 | 28,253 |
| Contract work | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Value of products | 872,801 | 69,519 | 194,278 | 299,297 | 301,099 | 453,893 | 370,583 | 2,117,020 |
| Value added by manufacture [4] | 438,247 | 38,958 | 76,712 | 123,626 | 90,923 | 169,071 | 174,680 | 911,397 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Arkansas, 4 establishments; Colorado, 3; Idaho, 1; Indiana, 2; Iowa, 1; Kansas, 2; Kentucky, 1; Maine, 1; Maryland, 2; Minnesota, 1; Missouri, 6; New Hampshire, 1; North Carolina, 1; Ohio, 2; Oklahoma, 1; West Virginia, 1; Wisconsin, 1.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Vinegar and Cider industry, all products, total value | $7,505,800 | $6,427,223 | $10,450,332 |
| Vinegar and cider | 6,671,843 | 5,896,216 | 9,545,093 |
| Miscellaneous products | 43,564 | 531,007 | 905,239 |
| Products not reported by kind, and merchandise (goods bought and sold without processing) | 124,611 | | |
| Other products (not classified in this industry) | [1] 657,804 | | |
| Receipts for contract work | 7,978 | | |
| Vinegar and cider, total value | 12,909,876 | 11,504,321 | 17,796,479 |
| Vinegar and cider made in the industry | 6,671,843 | 5,896,216 | 9,545,093 |
| Vinegar and cider made as secondary products in other industries | 6,238,033 | 5,608,105 | 8,251,386 |

[1] Value of canned fruits and vegetables; dried fruits; fruit juices; preserves, jams, jellies, fruit butters, etc.; mustard (prepared); pickles; sauces; salad dressings; edible sirups, etc.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| PRODUCT | 1939 | | | 1937 | 1929 |
|---|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | | |
| Vinegar and cider, total value | $6,671,843 | $6,238,033 | $12,909,876 | $11,504,321 | $17,796,479 |
| Vinegar: | | | | | |
| Total gallons | 53,417,465 | 53,622,997 | 107,040,462 | (1) | (1) |
| Total value | $5,735,295 | $5,557,917 | $11,293,212 | $9,929,851 | $15,872,207 |
| Fermented— | | | | | |
| Gallons | 35,279,183 | 25,777,361 | 61,056,544 | (1) | (2) |
| Value | $3,740,361 | $3,044,827 | $6,785,188 | $5,800,341 | (2) |
| Distilled— | | | | | |
| Gallons | 18,138,282 | 27,845,636 | 45,983,918 | (1) | (2) |
| Value | $1,994,934 | $2,513,090 | $4,508,024 | $4,129,510 | (2) |
| Cider: | | | | | |
| Gallons | 7,287,508 | 5,330,530 | 12,618,038 | (1) | (1) |
| Value | $936,548 | $680,116 | $1,616,664 | $1,574,470 | $1,924,272 |

[1] Data not available. [2] Not called for on schedule.

TABLE 5.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 1,059 | 737 | 739 | 745 | 782 | 826 | 927 | 1,053 | 1,040 | 1,359 | 1,846 | 1,609 | 1,041 |
| 1937 | 974 | 648 | 613 | 682 | 785 | 798 | 840 | 981 | 1,010 | 1,327 | 1,642 | 1,456 | 910 |
| 1929 | 979 | 708 | 644 | 684 | 676 | 719 | 724 | 779 | 868 | 1,265 | 1,844 | 1,771 | 1,072 |
| Alabama | 20 | 17 | 27 | 26 | 24 | 23 | 26 | 22 | 16 | 17 | 15 | 16 | 16 |
| California | 67 | 48 | 36 | 38 | 40 | 39 | 46 | 61 | 65 | 90 | 125 | 114 | 98 |
| Colorado | 12 | 8 | 8 | 8 | 11 | 12 | 11 | 13 | 17 | 18 | 17 | 8 | 8 |
| Connecticut | 13 | 10 | 7 | 10 | 10 | 6 | 6 | 7 | 10 | 16 | 25 | 38 | 15 |
| Illinois | 79 | 57 | 57 | 62 | 61 | 64 | 75 | 89 | 99 | 119 | 138 | 75 | 55 |
| Massachusetts | 72 | 48 | 50 | 52 | 54 | 58 | 59 | 66 | 73 | 96 | 119 | 102 | 83 |
| Michigan | 72 | 34 | 39 | 38 | 42 | 56 | 54 | 77 | 103 | 136 | 150 | 94 | 39 |
| New Jersey | 56 | 43 | 43 | 43 | 42 | 42 | 46 | 46 | 46 | 80 | 82 | 82 | 78 |
| New York | 118 | 80 | 62 | 61 | 59 | 62 | 70 | 68 | 70 | 145 | 263 | 316 | 158 |
| Oregon | 14 | 8 | 5 | 7 | 6 | 10 | 10 | 9 | 10 | 18 | 17 | 46 | 17 |
| Pennsylvania | 27 | 27 | 29 | 29 | 29 | 29 | 30 | 28 | 27 | 29 | 30 | 23 | 19 |
| Tennessee | 47 | 39 | 54 | 45 | 45 | 46 | 61 | 67 | 45 | 37 | 38 | 49 | 33 |
| Texas | 39 | 36 | 35 | 41 | 44 | 45 | 53 | 50 | 37 | 35 | 32 | 28 | 29 |
| Virginia | 105 | 52 | 60 | 63 | 61 | 66 | 71 | 78 | 79 | 177 | 260 | 200 | 92 |
| Washington | 45 | 23 | 28 | 21 | 23 | 26 | 29 | 31 | 34 | 64 | 117 | 89 | 55 |

TABLE 6.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 132 |
| Reporting expenditures for plant and equipment | 58 |
| Value of products: | |
| Total for the industry | $7,505,800 |
| Reporting expenditures for plant and equipment | 3,851,378 |
| Expenditures for plant and equipment: | |
| Total for the industry | 148,298 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 48,099 |
| Expenditures for new machinery and operating equipment | 84,169 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 16,030 |

TABLE 7.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $2,060,723 | $1,523,350 |
| Finished products | 1,478,534 | 936,964 |
| Materials, supplies, etc | 582,189 | 586,386 |
| End of year, total | 2,179,229 | 1,682,263 |
| Finished products | 1,602,419 | 993,769 |
| Materials, supplies, etc | 576,810 | 688,494 |
| Value of products for the industry, total | 7,505,800 | 6,427,223 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 7,017,100 | 4,587,226 |
| Value for establishments not reporting inventories | 488,700 | 1,839,997 |

TABLE 8.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 132 | 172 |
| Number of establishments reporting power equipment | 132 | 163 |
| Prime movers, aggregate: | | |
| Number | 28 | 80 |
| Horsepower | 1,102 | 2,346 |
| Prime movers, driving generators, total— | | |
| Number | ---------- | [1] 80 |
| Horsepower | ---------- | [1] 2,346 |

TABLE 8.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929—Continued

| | 1939 | 1929 |
|---|---|---|
| Prime movers—Continued. | | |
| Prime movers, driving generators—Continued. | | |
| Steam engines— | | |
| Number | ---------- | [1] 63 |
| Horsepower | ---------- | [1] 2,049 |
| Diesel and semi-Diesel engines— | | |
| Number | ---------- | |
| Horsepower | ---------- | |
| Other internal-combustion engines [2]— | | [1] 13 |
| Number | ---------- | [1] 186 |
| Horsepower | ---------- | |
| Hydroturbines and water wheels— | | |
| Number | ---------- | [1] 4 |
| Horsepower | ---------- | [1] 111 |
| Prime movers not driving generators, total— | | |
| Number | 28 | |
| Horsepower | 1,102 | |
| Steam engines— | | |
| Number | 15 | |
| Horsepower | 475 | |
| Steam turbines— | | |
| Number | 5 | |
| Horsepower | 485 | |
| Diesel and semi-Diesel engines— | | (3) |
| Number | 6 | |
| Horsepower | 87 | |
| Other internal-combustion engines [2]— | | |
| Number | 1 | |
| Horsepower | 10 | |
| Hydroturbines and water wheels— | | |
| Number | 1 | |
| Horsepower | 45 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 10 | |
| Generators, kilowatt rating, total | ---------- | 201 |
| Electric motors, total: | | |
| Number | 1,499 | 935 |
| Horsepower | 6,538 | 6,395 |
| Driven by purchased energy— | | |
| Number | 1,484 | 925 |
| Horsepower | 6,493 | 6,328 |
| Driven by energy generated in establishments reporting— | | |
| Number | 15 | 10 |
| Horsepower | 45 | 67 |
| Electric energy purchased (kilowatt-hours) | 4,014,801 | 2,462,741 |

[1] Includes data for prime movers not driving generators.
[2] Gas, gasoline, etc.
[3] Not called for on schedule.

# ICE, MANUFACTURED

[A preliminary report for this industry was issued December 28, 1940]

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

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1899 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 3,975 | 15,912 | $17,691,894 | $26,010,218 | $130,166,312 | $104,156,094 | 294,647 |
| 1937 | 3,847 | 18,705 | 21,603,338 | 27,516,835 | 136,541,982 | 109,025,147 | (5) |
| 1935 | 3,850 | 19,032 | 20,634,559 | 28,048,420 | 128,385,457 | 100,337,037 | (5) |
| 1933 | 3,699 | 21,332 | 22,849,195 | 26,959,456 | 139,263,119 | 112,303,663 | (5) |
| 1931 | 4,111 | 25,217 | 33,656,385 | 35,078,310 | 192,027,308 | 156,948,998 | (5) |
| 1929 | 4,110 | 32,184 | 42,399,295 | 39,808,164 | 210,952,264 | 171,144,100 | 334,141 |
| 1927 | 3,159 | 22,120 | 32,611,118 | 40,815,512 | 184,794,988 | 143,979,476 | 354,285 |
| 1925 | 3,077 | 24,915 | 35,045,829 | 44,725,272 | 186,969,036 | 142,243,764 | 437,133 |
| 1923 | 3,097 | 26,852 | 35,039,585 | 46,664,017 | 164,662,187 | 117,998,170 | 449,242 |
| 1921 | 2,715 | 24,066 | 32,630,180 | 51,174,441 | 158,889,173 | 107,714,732 | (5) |
| 1919 | 2,867 | 30,247 | 34,001,837 | 42,877,509 | 137,004,798 | 94,127,289 | 437,487 |
| 1914 | 2,543 | 23,011 | 14,840,591 | 17,755,004 | 60,386,267 | 42,631,263 | 429,947 |
| 1909 | 2,004 | 16,114 | 9,778,970 | 11,317,498 | 42,953,055 | 31,635,557 | 310,211 |
| 1904 | 1,320 | 10,101 | 5,549,162 | 6,011,325 | 23,790,045 | 17,778,720 | 188,242 |
| 1899 | 775 | 6,880 | 3,402,745 | 3,312,393 | 13,780,978 | 10,468,585 | 99,722 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Alabama | Arizona | Arkansas | California | Colorado | Connecticut | Delaware | District of Columbia | Florida | Georgia | Idaho |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 3,975 | 107 | 28 | 108 | 206 | 21 | 41 | 13 | 8 | 149 | 153 | 11 |
| Proprietors and firm members | 1,567 | 69 | 11 | 43 | 72 | 2 | 18 | 4 | ---------- | 41 | 82 | 6 |
| Persons reported by manufacturing establishments, total [2] | 37,230 | 747 | 354 | 804 | 2,931 | 371 | 259 | 91 | 266 | 1,669 | 1,610 | 101 |
| Salaried officers of corporations [2] | 1,658 | 32 | 5 | 22 | 69 | 16 | 20 | 6 | 5 | 55 | 48 | 5 |
| Manufacturing: | | | | | | | | | | | | |
| Salaried employees [2] | 3,475 | 77 | 21 | 63 | 185 | 17 | 33 | 9 | 17 | 127 | 127 | 12 |
| Wage earners (average for the year) [2] | 15,912 | 296 | 181 | 274 | 1,309 | 141 | 144 | 46 | 118 | 554 | 463 | 34 |
| Distribution | 15,277 | 313 | 140 | 394 | 1,291 | 187 | 58 | 27 | 112 | 910 | 962 | 47 |
| Construction | 317 | 16 | 6 | 48 | 34 | 2 | ---------- | 3 | ---------- | 14 | 8 | 1 |
| Other | 591 | 13 | 1 | 3 | 43 | 8 | 4 | ---------- | 14 | 9 | 2 | 2 |
| Salaries and wages, total [3] | $43,960,194 | $617,335 | $438,997 | $585,924 | $4,088,286 | $428,767 | $369,211 | $92,924 | $421,232 | $1,840,709 | $1,357,237 | $137,897 |
| Salaried officers [2] | 5,245,602 | 67,335 | 14,345 | 43,384 | 221,863 | 70,610 | 66,044 | 15,640 | 36,020 | 156,903 | 129,231 | 11,350 |
| Manufacturing: | | | | | | | | | | | | |
| Salaries [2] | 5,531,287 | 91,850 | 44,258 | 81,756 | 376,536 | 21,486 | 52,554 | 15,227 | 32,896 | 196,699 | 182,639 | 22,572 |
| Wages | 17,691,894 | 238,788 | 194,106 | 223,358 | 1,806,896 | 182,328 | 177,607 | 41,861 | 164,797 | 522,960 | 355,545 | 45,242 |
| Distribution | 14,625,872 | 203,179 | 183,892 | 218,440 | 1,614,763 | 149,658 | 71,143 | 17,406 | 163,458 | 933,496 | 680,994 | 55,750 |
| Construction | 303,878 | 5,865 | 1,637 | 17,993 | 31,170 | 2,203 | ---------- | 2,790 | ---------- | 11,285 | 6,361 | 1,440 |
| Other | 561,661 | 10,318 | 759 | 993 | 37,058 | 2,482 | 1,863 | ---------- | 24,061 | 19,366 | 2,467 | 1,543 |
| Cost of materials, supplies, fuel, purchased electric energy, and contract work, total | 26,010,218 | 411,806 | 297,582 | 426,706 | 1,849,911 | 180,631 | 246,485 | 97,623 | 183,364 | 1,061,111 | 875,632 | 62,030 |
| Materials and supplies | 6,237,042 | 110,028 | 81,403 | 160,891 | 388,750 | 34,556 | 67,672 | 20,708 | 60,001 | 233,614 | 211,027 | 9,550 |
| Fuel | 3,791,017 | 51,423 | 30,852 | 82,996 | 130,195 | 100,750 | 60,355 | 16,900 | 14,625 | 219,367 | 106,450 | 5,364 |
| Purchased electric energy | 15,971,583 | 250,355 | 185,327 | 182,819 | 1,330,966 | 45,325 | 118,458 | 60,015 | 108,738 | 608,130 | 558,155 | 47,116 |
| Contract work | 10,576 | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Value of products | 130,166,312 | 1,665,648 | 1,329,157 | 1,903,952 | 11,644,492 | 1,050,621 | 1,343,427 | 510,220 | 1,018,341 | 5,304,504 | 3,760,388 | 334,803 |
| Value added by manufacture [4] | 104,156,094 | 1,253,842 | 1,031,575 | 1,477,246 | 9,794,581 | 869,990 | 1,096,942 | 412,597 | 834,977 | 4,243,393 | 2,884,756 | 272,773 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Illinois | Indiana | Iowa | Kansas | Kentucky | Louisiana | Maryland | Massachusetts | Michigan | Minnesota | Mississippi | Missouri |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 195 | 114 | 52 | 103 | 77 | 155 | 72 | 67 | 62 | 11 | 110 | 143 |
| Proprietors and firm members | 45 | 36 | 24 | 56 | 24 | 41 | 58 | 16 | 20 | 8 | 55 | 55 |
| Persons reported by manufacturing establishments, total [2] | 2,120 | 990 | 665 | 893 | 819 | 1,579 | 784 | 612 | 728 | 107 | 865 | 1,251 |
| Salaried officers of corporations [2] | 75 | 89 | 35 | 40 | 45 | 71 | 27 | 37 | 29 | 5 | 28 | 73 |
| Manufacturing: | | | | | | | | | | | | |
| Salaried employees [2] | 176 | 122 | 52 | 90 | 73 | 120 | 54 | 60 | 88 | 16 | 79 | 141 |
| Wage earners (average for the year) [3] | 986 | 496 | 250 | 458 | 269 | 624 | 269 | 336 | 268 | 69 | 279 | 645 |
| Distribution | 810 | 247 | 290 | 259 | 415 | 747 | 428 | 171 | 325 | 17 | 471 | 376 |
| Construction | 17 | 6 | 2 | 1 | 6 | 12 | 3 | 1 | 3 | ---------- | 5 | 7 |
| Other | 56 | 30 | 36 | 45 | 11 | 5 | 3 | 7 | 15 | ---------- | 3 | 9 |
| Salaries and wages, total [2] | $2,930,387 | $1,241,130 | $848,297 | $891,734 | $880,569 | $1,577,606 | $987,334 | $886,695 | $1,019,251 | $149,070 | $731,087 | $1,533,994 |
| Salaried officers [2] | 227,557 | 265,545 | 137,100 | 70,059 | 147,441 | 194,429 | 103,018 | 113,728 | 106,898 | 20,950 | 74,786 | 220,338 |
| Manufacturing: | | | | | | | | | | | | |
| Salaries [2] | 345,679 | 164,656 | 83,720 | 137,103 | 104,842 | 174,409 | 90,836 | 97,600 | 122,769 | 30,141 | 105,248 | 226,336 |
| Wages | 1,240,079 | 536,414 | 293,034 | 467,926 | 278,716 | 560,894 | 304,988 | 458,315 | 354,778 | 82,539 | 221,971 | 713,647 |
| Distribution | 1,055,701 | 249,787 | 305,446 | 192,719 | 327,768 | 639,861 | 480,185 | 207,707 | 416,905 | 15,440 | 322,663 | 348,519 |
| Construction | 7,913 | 10,101 | 2,147 | 1,500 | 12,722 | 5,221 | 3,350 | 369 | 421 | ---------- | 2,749 | 14,725 |
| Other | 53,458 | 14,627 | 26,850 | 22,427 | 9,080 | 2,792 | 4,957 | 8,976 | 17,480 | ---------- | 3,670 | 10,429 |
| Cost of materials, supplies, fuel, purchased electric energy, and contract work, total | 1,646,938 | 759,228 | 373,407 | 482,530 | 396,268 | 771,015 | 495,313 | 773,828 | 519,417 | 116,402 | 392,115 | 944,269 |
| Materials and supplies | 411,461 | 226,744 | 68,214 | 126,095 | 96,003 | 226,785 | 93,344 | 139,235 | 89,262 | 16,447 | 110,144 | 236,641 |
| Fuel | 128,450 | 225,981 | 42,936 | 138,663 | 89,990 | 178,963 | 69,863 | 77,597 | 19,563 | 10,814 | 102,476 | 121,634 |
| Purchased electric energy | 1,107,027 | 306,503 | 262,257 | 215,822 | 210,275 | 365,267 | 332,106 | 556,996 | 409,522 | 89,141 | 179,495 | 585,240 |
| Contract work | ---------- | ---------- | ---------- | 1,950 | ---------- | ---------- | ---------- | ---------- | 1,070 | ---------- | ---------- | 754 |
| Value of products | 8,573,173 | 3,325,236 | 1,884,603 | 2,382,827 | 2,162,173 | 4,302,845 | 2,885,428 | 3,863,639 | 3,014,779 | 619,321 | 1,999,167 | 5,025,603 |
| Value added by manufacture [4] | 6,926,235 | 2,566,008 | 1,511,196 | 1,900,297 | 1,765,905 | 3,531,830 | 2,390,115 | 3,089,811 | 2,495,362 | 502,919 | 1,607,052 | 4,081,334 |

| ITEM | Montana | Nebraska | Nevada | New Jersey | New Mexico | New York | North Carolina | Ohio | Oklahoma | Oregon | Pennsylvania | Rhode Island |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 5 | 35 | 4 | 103 | 15 | 185 | 136 | 153 | 158 | 24 | 258 | 20 |
| Proprietors and firm members | 1 | 23 | ---------- | 21 | 12 | 43 | 79 | 51 | 72 | 17 | 127 | 12 |
| Persons reported by manufacturing establishments, total [2] | 35 | 313 | 72 | 836 | 112 | 2,016 | 924 | 1,397 | 1,239 | 149 | 1,794 | 137 |
| Salaried officers of corporations [2] | 6 | 8 | 1 | 59 | 4 | 112 | 38 | 81 | 32 | 9 | 147 | 8 |
| Manufacturing: | | | | | | | | | | | | |
| Salaried employees [2] | 3 | 24 | 6 | 108 | 11 | 208 | 108 | 129 | 122 | 17 | 247 | 12 |
| Wage earners (average for the year) [3] | 12 | 106 | 25 | 520 | 67 | 1,240 | 367 | 557 | 428 | 75 | 1,029 | 72 |
| Distribution | 14 | 168 | 10 | 135 | 30 | 401 | 393 | 590 | 624 | 48 | 326 | 45 |
| Construction | ---------- | 5 | ---------- | 4 | ---------- | 5 | 2 | 8 | 8 | ---------- | 21 | ---------- |
| Other | ---------- | 2 | 30 | 10 | ---------- | 50 | 16 | 32 | 25 | ---------- | 24 | ---------- |
| Salaries and wages, total [2] | $55,374 | $337,107 | $93,083 | $1,236,744 | $124,786 | $3,114,674 | $742,115 | $1,882,688 | $1,225,763 | $198,046 | $2,653,244 | $171,906 |
| Salaried officers [2] | 17,026 | 20,373 | 7,000 | 171,578 | 10,420 | 539,813 | 93,455 | 263,486 | 90,802 | 29,770 | 444,361 | 32,377 |
| Manufacturing: | | | | | | | | | | | | |
| Salaries [2] | 4,788 | 34,349 | 14,620 | 196,639 | 15,187 | 418,726 | 134,535 | 191,688 | 178,553 | 20,648 | 410,551 | 14,517 |
| Wages | 17,775 | 109,068 | 30,456 | 694,089 | 72,487 | 1,594,019 | 282,027 | 735,057 | 411,039 | 94,785 | 1,328,836 | 80,677 |
| Distribution | 15,785 | 168,638 | 15,975 | 161,667 | 26,061 | 490,220 | 220,116 | 643,709 | 501,637 | 52,843 | 414,202 | 44,335 |
| Construction | ---------- | 1,465 | ---------- | 5,171 | 631 | 6,594 | 1,900 | 12,694 | 18,402 | ---------- | 20,180 | ---------- |
| Other | ---------- | 3,214 | 25,032 | 7,600 | ---------- | 65,302 | 10,082 | 36,054 | 25,330 | ---------- | 35,024 | ---------- |
| Cost of materials, supplies, fuel, purchased electric energy, and contract work, total | 17,523 | 153,033 | 24,409 | 982,907 | 70,168 | 2,321,233 | 560,102 | 1,106,035 | 630,330 | 126,438 | 1,702,658 | 131,393 |
| Materials and supplies | 5,030 | 37,420 | 4,051 | 159,455 | 15,468 | 374,254 | 131,715 | 265,441 | 190,143 | 34,407 | 344,667 | 21,119 |
| Fuel | 2,474 | 29,378 | ---------- | 92,392 | 24,254 | 161,921 | 113,317 | 127,190 | 192,263 | 2,633 | 182,588 | 26,239 |
| Purchased electric energy | 10,019 | 83,953 | 20,358 | 731,060 | 30,446 | 1,785,058 | 315,070 | 712,968 | 243,940 | 89,398 | 1,175,403 | 84,035 |
| Contract work | ---------- | 2,282 | ---------- | ---------- | ---------- | ---------- | ---------- | 436 | 3,984 | ---------- | ---------- | ---------- |
| Value of products | 91,813 | 816,391 | 187,956 | 4,274,633 | 335,857 | 10,638,381 | 2,587,336 | 6,029,099 | 3,427,114 | 534,276 | 8,162,032 | 597,733 |
| Value added by manufacture [4] | 74,290 | 663,358 | 163,547 | 3,291,726 | 265,689 | 8,317,148 | 2,027,234 | 4,923,064 | 2,796,784 | 407,838 | 6,459,374 | 466,840 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | South Carolina | South Dakota | Tennessee | Texas | Utah | Virginia | Washington | West Virginia | Wisconsin | Wyoming | Other States [5] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 88 | 5 | 118 | 449 | 7 | 98 | 33 | 39 | 23 | 5 | 8 |
| Proprietors and firm members | 38 | 6 | 40 | 179 | 3 | 29 | 9 | 10 | 5 | 2 | 2 |
| Persons reported by manufacturing establishments, total [2] | 805 | 36 | 977 | 3,653 | 107 | 974 | 333 | 312 | 318 | 35 | 41 |
| Salaried officers of corporations [2] | 43 | 2 | 32 | 116 | 4 | 47 | 25 | 23 | 21 | 3 | ------- |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 68 | 7 | 80 | 361 | 8 | 109 | 20 | 43 | 20 | 3 | 2 |
| Wage earners (average for the year) [3] | 243 | 14 | 346 | 1,441 | 56 | 364 | 179 | 111 | 113 | 12 | 27 |
| Distribution | 430 | 13 | 511 | 1,652 | 39 | 440 | 87 | 133 | 162 | 17 | 12 |
| Construction | 20 | ------- | 2 | 40 | ------- | ------- | 7 | ------- | ------- | ------- | ------- |
| Other | 1 | ------- | 6 | 43 | ------- | 14 | 15 | 2 | 2 | ------- | ------- |
| Salaries and wages, total [2] | $673,164 | $36,869 | $869,719 | $3,818,209 | $134,207 | $1,046,260 | $482,373 | $377,299 | $533,595 | $45,335 | $51,961 |
| Salaried officers [2] | 103,824 | 8,100 | 92,923 | 347,601 | 14,000 | 151,086 | 120,967 | 52,222 | 107,850 | 11,994 | ------- |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 88,429 | 7,504 | 117,521 | 579,075 | 18,243 | 149,704 | 35,754 | 60,952 | 33,596 | 2,500 | 1,396 |
| Wages | 184,497 | 14,044 | 274,645 | 1,324,837 | 63,229 | 363,074 | 204,264 | 122,777 | 170,813 | 16,805 | 35,805 |
| Distribution | 276,991 | 7,221 | 380,674 | 1,469,743 | 33,814 | 371 677 | 91,259 | 140,374 | 215,165 | 14,036 | 14,760 |
| Construction | 18,714 | ------- | 1,426 | 55 421 | 4,921 | 5,161 | 7,676 | ------- | 1,560 | ------- | ------- |
| Other | 709 | ------- | 2,530 | 41,532 | ------- | 5,558 | 22,453 | 974 | 4,611 | ------- | ------- |
| Cost of materials, supplies, fuel, purchased electric energy, and contract work, total | 392,434 | 20,464 | 536,105 | 2,316,579 | 73,797 | 752,177 | 219,541 | 187,375 | 249,229 | 24,743 | 47,934 |
| Materials and supplies | 107,172 | 3,018 | 141,079 | 730,381 | 12,186 | 293,030 | 52,414 | 43,238 | 37,647 | 9,683 | 5,449 |
| Fuel | 37,777 | 1,090 | 117,369 | 496,654 | 19,233 | 59,475 | 12,591 | 39,075 | 9,149 | 4,767 | 12,981 |
| Purchased electric energy | 247,485 | 16,356 | 277,657 | 1,089,444 | 42,378 | 399,672 | 154,536 | 105,062 | 202,433 | 10,293 | 29,504 |
| Contract work | ------- | ------- | ------- | 100 | ------- | ------- | ------- | ------- | ------- | ------- | ------- |
| Value of products | 1,801,219 | 89,244 | 2,517,659 | 11,346,315 | 461,463 | 3,079,095 | 1,188,636 | 820 020 | 1,020,821 | 96,872 | 158,000 |
| Value added by manufacture [4] | 1,408,785 | 68,780 | 1,981,554 | 9,029,736 | 387,666 | 2,326,918 | 969,095 | 632,645 | 771,592 | 72,129 | 110,066 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Maine, 2 establishments; New Hampshire, 2; Vermont, 4.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Ice, Manufactured industry, all products, total value | $130,166,312 | $136,541,982 | $210,952,264 |
| Ice made for sale (platform value) | 119,671,641 | 131,423,468 | 204,422,001 |
| Other products (not classified in this industry) | [1] 354,325 | 298,766 | 1,083,800 |
| Miscellaneous products | 484,407 | 178,097 | |
| Merchandise (goods bought and sold without processing) | 517,821 | | |
| Receipts for cold storage, refrigeration, etc | 8,960,366 | 4,481,802 | 5,446,463 |
| Receipts for electric energy sold | 177,752 | 158,949 | (2) |
| Ice made for sale, total value | 122,593,637 | 134,988,730 | 209,007,933 |
| Made in the industry | 119,671,641 | 131,423,468 | 204,422,001 |
| Made in other industries | 2,921,996 | 3,565,262 | 4,585,932 |

[1] Value of ice cream, ices, specialties, and beverages.
[2] No data.

TABLE 4.—PRODUCTION OF ICE, BY QUANTITY AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Manufactured ice made for sale: | | | |
| Total tons (2,000 pounds) | 32,319,065 | 34,069,027 | 45,468,401 |
| Total value | $122,593,637 | $134,988,730 | $205,097,933 |
| Made in the ice industry— | | | |
| Total tons | 31,626,872 | 33,258,793 | 44,477,213 |
| Total value | $119,671,641 | $131,423,468 | $204,422,001 |
| Made from raw water, tons | 29,582,830 | 30,433,596 | 38,237,408 |
| Made from distilled water, tons | 2,044,042 | 2,825,197 | 6,239,805 |
| Made in other industries— | | | |
| Tons | 692,193 | 810,234 | 991,188 |
| Value | $2,921,996 | $3,565,262 | $4,585,932 |
| Ice made and consumed in specified industries, total tons | 158,651 | (1) | (1) |
| Ice cream | 101,458 | 145,806 | 740,146 |
| Malt liquors | 11,013 | 49,777 | (2) |
| Butter | 32,319 | 91,109 | (2) |
| Condensed and evaporated milk | 9,045 | 6,352 | (2) |
| Cheese | 3,423 | 6,394 | (2) |
| Nonalcoholic beverages | 1,393 | (2) | (2) |

[1] Data incomplete. [2] No data.

TABLE 5.—ICE—PRODUCTION FOR SALE IN THE ICE INDUSTRY AND IN OTHER INDUSTRIES, BY QUANTITY AND VALUE, AND NUMBER OF ESTABLISHMENTS (PLANTS) REPORTING, BY STATES: 1939 AND 1937

| | 1939 | | | 1937 | | |
|---|---|---|---|---|---|---|
| | Establishments (plants) reporting | Tons (2,000 pounds) | Value | Establishments (plants) reporting | Tons (2,000 pounds) | Value |
| United States, total | 4,323 | 32,319,065 | $122,593,637 | 4,242 | 34,069,027 | $134,988,730 |
| Ice industry | 3,975 | 31,626,872 | 119,671,641 | 3,847 | 33,258,793 | 131,423,468 |
| Other industries | 348 | 692,193 | 2,921,996 | 395 | 810,234 | 3,565,262 |
| STATES | | | | | | |
| Alabama | 110 | 371,248 | 1,620,548 | 118 | 399,985 | 1,900,301 |
| Arizona | 30 | 352,345 | 1,280,328 | 30 | 394,011 | 1,631,599 |
| Arkansas | 112 | 409,081 | 1,863,425 | 106 | 404,320 | 1,761,338 |
| California | 219 | 3,126,240 | 9,284,238 | 225 | 3,059,799 | 10,041,730 |
| Colorado | 28 | 194,360 | 907,868 | 26 | 232,011 | 994,910 |
| Connecticut | 41 | 327,446 | 1,339,844 | 38 | 363,477 | 1,396,814 |
| Delaware | 14 | 102,657 | 472,889 | 17 | 110,162 | 524,285 |
| District of Columbia | 9 | 249,066 | 1,047,337 | 10 | 271,342 | 1,132,669 |
| Florida | 151 | 1,203,018 | 5,130,661 | 140 | 1,107,734 | 4,863,165 |
| Georgia | 154 | 808,165 | 3,468,677 | 136 | 772,117 | 3,542,281 |
| Idaho | 26 | 91,907 | 305,297 | 29 | 78,233 | 320,721 |
| Illinois | 210 | 2,286,456 | 8,568,418 | 217 | 2,304,871 | 8,663,920 |
| Indiana | 127 | 747,252 | 3,183,733 | 133 | 745,925 | 3,030,568 |
| Iowa | 62 | 488,085 | 1,739,700 | 57 | 457,131 | 1,627,325 |
| Kansas | 114 | 582,689 | 2,296,510 | 119 | 614,281 | 2,746,409 |
| Kentucky | 82 | 440,320 | 2,023,538 | 87 | 452,858 | 2,207,343 |
| Louisiana | 156 | 1,049,883 | 4,063,192 | 142 | 907,079 | 3,794,513 |
| Maine and New Hampshire | 4 | 27,708 | 95,993 | 4 | (1) | (1) |
| Maryland | 78 | 653,677 | 2,909,005 | 74 | 683,330 | 3,118,831 |
| Massachusetts | 69 | 1,133,868 | 3,372,564 | 64 | 1,380,892 | 3,879,744 |
| Michigan | 68 | 689,836 | 3,058,261 | 68 | 761,210 | 3,534,604 |
| Minnesota | 14 | 202,855 | 693,940 | 16 | 252,479 | 878,114 |
| Mississippi | 112 | 375,351 | 1,978,061 | 101 | 454,809 | 2,299,201 |
| Missouri | 157 | 1,157,957 | 4,595,350 | 155 | 1,159,357 | 4,713,826 |
| Montana | 19 | 27,141 | 120,131 | 18 | 34,971 | 144,300 |
| Nebraska | 48 | 226,625 | 909,252 | 43 | 198,012 | 920,887 |
| Nevada | 4 | 35,572 | 173,519 | 4 | 35,386 | 199,022 |
| New Jersey | 104 | 1,267,898 | 3,944,781 | 123 | 1,558,916 | 5,074,117 |
| New Mexico | 16 | 64,378 | 321,895 | 17 | 62,870 | 322,557 |
| New York | 199 | 3,786,384 | 10,391,168 | 219 | 4,904,058 | 14,129,248 |
| North Carolina | 138 | 546,375 | 2,509,109 | 121 | 460,558 | 2,439,905 |
| Ohio | 176 | 1,381,999 | 5,908,531 | 191 | 1,567,205 | 6,655,461 |
| Oklahoma | 165 | 591,044 | 3,192,206 | 149 | 557,173 | 3,468,745 |
| Oregon | 49 | 111,818 | 492,242 | 57 | 112,093 | 521,411 |
| Pennsylvania | 300 | 2,047,510 | 7,841,851 | 303 | 2,190,875 | 8,846,968 |
| Rhode Island | 22 | 183,925 | 610,208 | 17 | 212,104 | 732,081 |
| South Carolina | 90 | 337,967 | 1,721,181 | 86 | 308,208 | 1,827,434 |
| South Dakota | 8 | 20,855 | 88,826 | 6 | (1) | (1) |
| Tennessee | 121 | 546,794 | 2,482,312 | 107 | 561,620 | 2,641,214 |
| Texas | 458 | 2,605,265 | 10,999,802 | 417 | 2,486,167 | 12,463,185 |
| Utah | 12 | 105,904 | 390,357 | 12 | 87,707 | 387,335 |
| Vermont | 4 | 9,355 | 38,390 | 1 | (1) | (1) |
| Virginia | 101 | 528,095 | 2,360,159 | 93 | 507,340 | 2,339,194 |
| Washington | 65 | 277,676 | 958,243 | 68 | 250,919 | 938,973 |
| West Virginia | 44 | 163,065 | 713,435 | 48 | 194,653 | 921,457 |
| Wisconsin | 27 | 365,284 | 1,034,096 | 27 | 345,621 | 1,117,694 |
| Wyoming | 6 | 16,666 | 92,566 | 3 | 14,440 | 90,744 |
| Undistributed | | | | | 50,718 | 202,527 |

[1] Included in figures for "Undistributed" in order to avoid disclosing approximations of data reported by individual establishments.

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 15,912 | 11,862 | 11,960 | 12,848 | 14,743 | 17,108 | 19,676 | 20,974 | 20,581 | 19,407 | 16,379 | 13,193 | 12,216 |
| 1937 | 18,705 | 14,042 | 14,231 | 15,114 | 17,152 | 19,966 | 23,431 | 25,328 | 25,039 | 23,113 | 18,051 | 15,057 | 13,942 |
| 1929 | 32,184 | 23,077 | 23,282 | 25,308 | 30,769 | 34,245 | 40,049 | 43,093 | 43,184 | 40,289 | 32,342 | 26,493 | 24,080 |
| Alabama | 296 | 241 | 241 | 251 | 276 | 317 | 350 | 367 | 368 | 339 | 295 | 269 | 244 |
| Arizona | 181 | 174 | 161 | 218 | 215 | 167 | 219 | 187 | 162 | 159 | 168 | 148 | 192 |
| Arkansas | 274 | 191 | 204 | 217 | 252 | 306 | 346 | 371 | 361 | 332 | 272 | 223 | 207 |
| California | 1,309 | 960 | 999 | 1,094 | 1,270 | 1,356 | 1,530 | 1,652 | 1,581 | 1,681 | 1,463 | 1,114 | 1,004 |
| Colorado | 141 | 117 | 117 | 121 | 141 | 147 | 157 | 161 | 174 | 173 | 139 | 124 | 126 |
| Connecticut | 144 | 114 | 115 | 114 | 130 | 148 | 169 | 186 | 185 | 175 | 142 | 133 | 122 |
| Delaware | 46 | 36 | 36 | 35 | 44 | 52 | 55 | 55 | 56 | 56 | 45 | 39 | 39 |
| District of Columbia | 118 | 98 | 97 | 100 | 112 | 119 | 141 | 142 | 146 | 134 | 124 | 103 | 99 |
| Florida | 554 | 535 | 540 | 545 | 549 | 567 | 581 | 584 | 577 | 560 | 551 | 532 | 528 |
| Georgia | 463 | 348 | 351 | 379 | 453 | 515 | 586 | 591 | 587 | 558 | 475 | 377 | 339 |
| Idaho | 34 | 26 | 25 | 27 | 28 | 33 | 41 | 43 | 52 | 50 | 32 | 27 | 24 |
| Illinois | 986 | 696 | 657 | 744 | 883 | 1,106 | 1,282 | 1,394 | 1,339 | 1,267 | 1,014 | 767 | 685 |
| Indiana | 496 | 354 | 372 | 392 | 460 | 549 | 627 | 702 | 676 | 645 | 502 | 367 | 311 |
| Iowa | 250 | 156 | 159 | 186 | 222 | 276 | 321 | 351 | 336 | 325 | 280 | 205 | 178 |
| Kansas | 458 | 326 | 321 | 337 | 401 | 484 | 564 | 638 | 622 | 601 | 489 | 384 | 333 |
| Kentucky | 269 | 201 | 205 | 215 | 256 | 301 | 327 | 350 | 341 | 326 | 289 | 215 | 201 |
| Louisiana | 624 | 521 | 528 | 550 | 602 | 645 | 703 | 730 | 717 | 710 | 642 | 582 | 559 |
| Maryland | 269 | 217 | 216 | 214 | 241 | 279 | 334 | 356 | 356 | 327 | 264 | 217 | 210 |
| Massachusetts | 336 | 236 | 246 | 263 | 296 | 352 | 413 | 487 | 464 | 402 | 350 | 276 | 253 |
| Michigan | 268 | 180 | 177 | 181 | 216 | 311 | 363 | 386 | 375 | 348 | 277 | 210 | 198 |
| Minnesota | 69 | 48 | 48 | 48 | 65 | 72 | 90 | 92 | 92 | 88 | 72 | 60 | 56 |
| Mississippi | 279 | 213 | 216 | 225 | 272 | 310 | 331 | 344 | 347 | 327 | 288 | 245 | 232 |
| Missouri | 645 | 495 | 484 | 524 | 600 | 709 | 789 | 856 | 843 | 787 | 650 | 514 | 484 |
| Montana | 12 | 9 | 9 | 9 | 11 | 11 | 14 | 14 | 14 | 14 | 13 | 10 | 10 |
| Nebraska | 106 | 71 | 72 | 84 | 105 | 120 | 138 | 154 | 150 | 130 | 104 | 75 | 73 |
| Nevada | 25 | 23 | 21 | 20 | 26 | 27 | 27 | 32 | 28 | 28 | 22 | 22 | 22 |
| New Jersey | 520 | 394 | 392 | 417 | 471 | 543 | 653 | 692 | 704 | 636 | 506 | 435 | 402 |
| New Mexico | 67 | 48 | 46 | 51 | 71 | 73 | 83 | 100 | 91 | 80 | 69 | 51 | 45 |
| New York | 1,240 | 908 | 918 | 983 | 1,121 | 1,344 | 1,554 | 1,637 | 1,633 | 1,484 | 1,301 | 1,063 | 934 |
| North Carolina | 367 | 277 | 272 | 300 | 344 | 411 | 466 | 481 | 489 | 433 | 367 | 289 | 274 |
| Ohio | 557 | 356 | 369 | 388 | 479 | 649 | 769 | 821 | 786 | 711 | 570 | 403 | 379 |
| Oklahoma | 428 | 246 | 250 | 279 | 383 | 468 | 599 | 663 | 648 | 613 | 426 | 305 | 261 |
| Oregon | 75 | 62 | 62 | 65 | 72 | 75 | 79 | 86 | 89 | 90 | 83 | 67 | 66 |
| Pennsylvania | 1,029 | 771 | 773 | 832 | 900 | 1,087 | 1,310 | 1,352 | 1,331 | 1,239 | 1,073 | 871 | 809 |
| Rhode Island | 72 | 52 | 51 | 55 | 59 | 77 | 90 | 99 | 99 | 88 | 68 | 63 | 58 |
| South Carolina | 243 | 171 | 170 | 176 | 213 | 261 | 321 | 356 | 323 | 308 | 237 | 194 | 182 |
| South Dakota | 14 | 4 | 3 | 10 | 15 | 19 | 18 | 24 | 21 | 18 | 16 | 11 | 4 |
| Tennessee | 346 | 222 | 227 | 264 | 316 | 378 | 464 | 485 | 484 | 438 | 371 | 261 | 236 |
| Texas | 1,441 | 1,135 | 1,158 | 1,226 | 1,344 | 1,534 | 1,726 | 1,814 | 1,799 | 1,723 | 1,428 | 1,228 | 1,173 |
| Utah | 56 | 21 | 23 | 27 | 52 | 51 | 67 | 105 | 92 | 81 | 64 | 47 | 44 |
| Vermont | 8 | 6 | 6 | 6 | 7 | 8 | 12 | 13 | 13 | 13 | 8 | 5 | 5 |
| Virginia | 364 | 267 | 279 | 295 | 357 | 399 | 461 | 495 | 491 | 413 | 349 | 297 | 263 |
| Washington | 179 | 137 | 144 | 163 | 173 | 188 | 204 | 216 | 234 | 188 | 200 | 151 | 145 |
| West Virginia | 111 | 84 | 86 | 92 | 101 | 109 | 131 | 137 | 134 | 140 | 138 | 87 | 90 |
| Wisconsin | 113 | 88 | 87 | 99 | 109 | 123 | 138 | 140 | 138 | 136 | 110 | 100 | 90 |
| Wyoming | 12 | 10 | 10 | 10 | 12 | 12 | 13 | 13 | 13 | 13 | 13 | 10 | 10 |

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 3,975 |
| Reporting expenditures for plant and equipment | 1,758 |
| Value of products: | |
| Total for the industry | $130,166,312 |
| Reporting expenditures for plant and equipment | 65,267,049 |
| Expenditures for plant and equipment: | |
| Total for the industry | 6,935,248 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 2,562,861 |
| Expenditures for new machinery and operating equipment | 3,409,726 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 717,018 |
| Expenditures unclassified | 245,643 |

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $3,057,122 | $2,130,487 |
| Finished products | 1,770,238 | 1,326,269 |
| Materials, supplies, etc | 1,286,884 | 804,218 |
| End of year, total | 3,137,736 | 2,297,415 |
| Finished products | 1,837,191 | 1,464,122 |
| Materials, supplies, etc | 1,300,545 | 833,293 |
| Value of products for the industry, total | 130,166,312 | 136,541,982 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 106,115,195 | 101,481,767 |
| Value for establishments not reporting inventories | 24,051,117 | 35,060,215 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 3,975 | 4,110 |
| Number of establishments reporting power equipment | 3,790 | 4,048 |
| Prime movers, aggregate: | | |
| Number | 3,186 | 3,705 |
| Horsepower | 294,647 | 334,141 |
| Prime movers, driving generators, total— | | |
| Number | 1,553 | [1] 3,705 |
| Horsepower | 174,794 | [1] 334,141 |
| Steam engines— | | |
| Number | 216 | [1] 2,464 |
| Horsepower | 25,490 | [1] 222,253 |
| Steam turbines— | | |
| Number | 20 | [1] 80 |
| Horsepower | 3,172 | [1] 7,558 |

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929—Continued

| | 1939 | 1929 |
|---|---|---|
| Prime movers—Continued. | | |
| Prime movers, driving generators—Continued. | | |
| Diesel and semi-Diesel engines— | | |
| Number | 924 | [1] 1,123 |
| Horsepower | 109,217 | [1] 100,993 |
| Other internal-combustion engines [2]— | | |
| Number | 377 | |
| Horsepower | 35,776 | |
| Hydroturbines and water wheels— | | |
| Number | 16 | [1] 38 |
| Horsepower | 1,139 | [1] 3,337 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 9,079 | |
| Prime movers not driving generators, total— | | |
| Number | 1 633 | |
| Horsepower | 119,853 | |
| Steam engines— | | |
| Number | 510 | |
| Horsepower | 51,697 | |
| Steam turbines— | | |
| Number | 24 | |
| Horsepower | 1,159 | (3) |
| Diesel and semi-Diesel engines— | | |
| Number | 537 | |
| Horsepower | 38,053 | |
| Other internal-combustion engines [2]— | | |
| Number | 537 | |
| Horsepower | 27,365 | |
| Hydroturbines and water wheels— | | |
| Number | 25 | |
| Horsepower | 1,579 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 10,191 | |
| Generators, kilowatt rating, total | 94,839 | 47,846 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 15,277 | |
| Steam turbines, kilowatt rating | 2,179 | |
| Diesel and semi-Diesel engines, kilowatt rating | 57,008 | |
| Other internal-combustion engines,[2] kilowatt rating | 19,830 | (3) |
| Hydroturbines and water wheels, kilowatt rating | 545 | |
| Generators, ordinarily idle (included above), kilowatt rating | 4,820 | (4) |
| Electric motors, total: | | |
| Number | 48,373 | 38,861 |
| Horsepower | 805,248 | 782,655 |
| Driven by purchased energy— | | |
| Number | 39,699 | 34,580 |
| Horsepower | 738,545 | 743,154 |
| Driven by energy generated in establishments reporting— | | |
| Number | 8,674 | 4,281 |
| Horsepower | 66,703 | 39,501 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 69,551,111 | (4) |
| Sold | 3,996,682 | (4) |
| Purchased | 1,359,896,132 | 1,600,018,072 |

[1] Includes data for prime movers not driving generators.
[2] Gas, gasoline, etc.
[3] Not called for on schedule.
[4] Data not available.

# MACARONI, SPAGHETTI, VERMICELLI, AND NOODLES

[A preliminary report for this industry was issued December 5, 1940]

**Description of the industry.**—This industry, as constituted for census purposes, includes establishments primarily engaged in the manufacture of macaroni, spaghetti, vermicelli, noodles, and related products.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1939

| CENSUS YEAR | Number of establishments [1] | Wage earners (average for the year) [2] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work [3] | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 328 | 6,013 | $5,383,421 | $26,929,121 | $46,153,471 | $19,224,350 | 2,011 |
| 1937 | 319 | 6,452 | 5,719,299 | 32,836,492 | 50,358,752 | 17,522,260 | (5) |
| 1935 | 336 | 6,005 | 5,306,226 | 31,811,433 | 47,598,554 | 15,787,121 | (6) |
| 1933 | 296 | 5,492 | 4,264,619 | 20,385,288 | 35,891,909 | 15,506,621 | (5) |
| 1931 | 309 | 4,764 | 4,474,196 | 20,311,386 | 36,224,902 | 15,913,516 | (5) |
| 1929 | 353 | 5,072 | 5,384,353 | 27,336,126 | 47,074,230 | 19,738,104 | 4,233 |
| 1927 | 353 | 4,587 | 5,070,936 | 27,433,792 | 45,353,200 | 17,919,408 | 4,462 |
| 1925 | 327 | 4,560 | 5,025,625 | 27,491,142 | 43,489,344 | 15,998,202 | 4,903 |
| 1923 | 343 | 4,098 | 4,332,312 | 16,646,400 | 29,556,501 | 12,910,101 | (6) |
| 1921 | 409 | 3,865 | 3,748,643 | 19,964,054 | 31,012,787 | 11,048,733 | (5) |
| 1919 | 557 | 4,543 | 4,168,009 | 25,109,951 | 37,057,198 | 11,947,247 | 6,336 |
| 1914 [7] | 373 | 3,534 | 1,637,760 | 7,938,181 | 12,883,579 | 4,945,398 | (6) |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Figures for years prior to 1935 do not include cost of contract work.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Not called for on schedule.
[6] Data not available.
[7] No comparable data are available for years prior to 1914.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | California | Connecticut | Illinois | Louisiana | Maryland | Massachusetts | Michigan | Minnesota |
|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 328 | 48 | 10 | 30 | 9 | 5 | 13 | 5 | 5 |
| Proprietors and firm members | 311 | 68 | 4 | 26 | 16 | 9 | 15 | 4 | 1 |
| Persons reported by manufacturing establishments, total [2] | 8,140 | 619 | 102 | 1,092 | 270 | 52 | 229 | 148 | 165 |
| Salaried officers of corporations [2] | 285 | 32 | 8 | 37 | 4 | ---------- | 7 | 5 | 6 |
| Manufacturing: | | | | | | | | | |
| Salaried employees [2] | 519 | 48 | 9 | 76 | 28 | 7 | 5 | 11 | 13 |
| Wage earners (average for the year) [3] | 6,013 | 418 | 62 | 856 | 200 | 38 | 96 | 111 | 101 |
| Distribution | 1,126 | 114 | 23 | 116 | 31 | 7 | 27 | 8 | 43 |
| Construction | 23 | 5 | ---------- | 2 | ---------- | ---------- | ---------- | ---------- | ---------- |
| Other | 174 | 2 | ---------- | 5 | 7 | ---------- | 94 | 13 | 2 |
| Salaries and wages, total [2] | $9,351,393 | $778,875 | $108,939 | $1,164,421 | $182,609 | $58,970 | $219,517 | $190,848 | $225,576 |
| Salaried officers [2] | 1,217,386 | 108,730 | 17,728 | 166,603 | 7,420 | ---------- | 29,800 | 21,000 | 29,839 |
| Manufacturing: | | | | | | | | | |
| Salaries [2] | 774,795 | 63,062 | 13,690 | 104,030 | 31,391 | 10,985 | 7,507 | 32,027 | 31,379 |
| Wages | 5,383,421 | 412,583 | 54,261 | 712,869 | 101,619 | 38,172 | 75,154 | 125,962 | 94,725 |
| Distribution | 1,739,332 | 188,006 | 23,260 | 169,497 | 40,634 | 9,813 | 39,851 | 10,987 | 68,073 |
| Construction | 60,388 | 3,494 | ---------- | 1,042 | ---------- | ---------- | ---------- | ---------- | ---------- |
| Other | 176,071 | 3,000 | ---------- | 10,380 | 1,545 | ---------- | 67,205 | 872 | 1,560 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 26,929,121 | 1,874,770 | 311,794 | 3,791,449 | 564,780 | 165,086 | 622,878 | 487,762 | 467,313 |
| Materials, supplies, and containers | 25,764,918 | 1,798,284 | 289,225 | 3,647,401 | 537,439 | 158,665 | 591,153 | 465,403 | 395,495 |
| Fuel | 302,661 | 15,022 | 6,382 | 54,595 | 2,591 | 1,376 | 4,496 | 9,297 | 5,505 |
| Purchased electric energy | 797,445 | 60,632 | 16,187 | 89,453 | 24,750 | 5,045 | 27,229 | 11,862 | 15,460 |
| Contract work | 64,097 | 832 | ---------- | ---------- | ---------- | ---------- | ---------- | 1,200 | 50,853 |
| Value of products | 46,153,471 | 3,272,061 | 487,602 | 6,323,003 | 972,968 | 267,042 | 1,101,650 | 888,880 | 904,720 |
| Value added by manufacture [4] | 19,224,350 | 1,397,291 | 175,808 | 2,531,554 | 408,188 | 101,956 | 478,772 | 401,118 | 437,407 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Missouri | New Jersey | New York | Ohio | Pennsylvania | Rhode Island | Texas | Washington | Other States [5] |
|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 10 | 11 | 89 | 17 | 20 | 9 | 10 | 11 | 26 |
| Proprietors and firm members | 3 | 8 | 99 | 12 | 9 | 5 | 6 | 7 | 19 |
| Persons reported by manufacturing establishments, total [2] | 398 | 476 | 2,232 | 161 | 1,012 | 70 | 109 | 131 | 874 |
| Salaried officers of corporations [2] | 21 | 7 | 80 | 7 | 22 | 3 | 6 | 13 | 27 |
| Manufacturing: | | | | | | | | | |
| Salaried employees [2] | 14 | 39 | 108 | 7 | 74 | 11 | 6 | 8 | 55 |
| Wage earners (average for the year) [3] | 316 | 326 | 1,692 | 132 | 775 | 45 | 78 | 87 | 680 |
| Distribution | 44 | 104 | 336 | 14 | 130 | 9 | 18 | 23 | 79 |
| Construction | 2 | ---------- | 4 | ---------- | 3 | 1 | ---------- | ---------- | 6 |
| Other | 1 | ---------- | 12 | 1 | 8 | 1 | 1 | ---------- | 27 |
| Salaries and wages, total [2] | $351,006 | $730,344 | $2,901,200 | $133,526 | $1,001,958 | $69,444 | $82,635 | $141,738 | $1,009,787 |
| Salaried officers [2] | 50,148 | 72,566 | 382,162 | 12,475 | 129,286 | 5,422 | 14,505 | 28,518 | 141,184 |
| Manufacturing: | | | | | | | | | |
| Salaries [2] | 18,670 | 84,242 | 168,117 | 6,923 | 97,327 | 13,757 | 6,745 | 8,816 | 76,127 |
| Wages | 210,077 | 310,974 | 1,809,499 | 101,624 | 581,896 | 37,226 | 46,479 | 72,155 | 598,146 |
| Distribution | 68,335 | 229,346 | 518,879 | 11,659 | 181,333 | 9,617 | 14,444 | 32,249 | 123,349 |
| Construction | 2,840 | 33,216 | 6,427 | ---------- | 4,420 | 1,477 | ---------- | ---------- | 7,472 |
| Other | 936 | ---------- | 16,116 | 845 | 7,696 | 1,945 | 462 | ---------- | 63,509 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 937,755 | 1,475,365 | 8,390,734 | 548,855 | 3,212,013 | 218,364 | 185,067 | 364,176 | 3,310,960 |
| Materials, supplies, and containers | 906,479 | 1,406,464 | 8,012,044 | 517,059 | 3,103,559 | 202,782 | 176,034 | 346,496 | 3,210,936 |
| Fuel | 9,060 | 23,824 | 96,433 | 9,394 | 25,847 | 7,442 | 2,034 | 4,708 | 24,655 |
| Purchased electric energy | 22,216 | 45,077 | 271,786 | 22,402 | 82,086 | 8,140 | 6,999 | 12,752 | 75,369 |
| Contract work | ---------- | ---------- | 10,471 | ---------- | 521 | ---------- | ---------- | 220 | ---------- |
| Value of products | 1,639,512 | 3,329,712 | 14,432,189 | 840,875 | 5,216,999 | 356,304 | 341,835 | 633,704 | 5,144,415 |
| Value added by manufacture [4] | 701,757 | 1,854,347 | 6,041,455 | 292,020 | 2,004,986 | 137,940 | 156,768 | 269,528 | 1,833,455 |

[1] See GENERAL EXPLANATIONS—Definition of establishment.
[2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Colorado, 3 establishments; District of Columbia, 1; Florida, 3; Indiana, 2; Kansas, 2; Kentucky, 1; Nebraska, 2; Oklahoma, 1; Oregon, 5; Tennessee, 1; Utah, 1; Wisconsin, 4.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939, 1937, AND 1929

| | 1939 | 1937 | 1929 |
|---|---|---|---|
| Macaroni, Spaghetti, Vermicelli, and Noodles industry, all products, total value | $46,153,471 | $50,358,752 | $47,074,230 |
| Macaroni, spaghetti, vermicelli, and noodles | 45,304,282 | [1] 49,285,651 | [1] 45,912,265 |
| Miscellaneous products and receipts for contract work | 92,506 | [1] 1,073,101 | [1] 1,161,965 |
| Other products (not classified in this industry) | [2] 756,683 | | |
| Macaroni, spaghetti, vermicelli, and noodles, total value | 45,867,242 | 50,148,358 | 46,871,883 |
| Macaroni, spaghetti, vermicelli, and noodles made in the industry | 45,304,282 | [1] 49,285,651 | [1] 45,912,265 |
| Macaroni, spaghetti, vermicelli, and noodles made as secondary products in other industries | 562,960 | 862,707 | 959,618 |

[1] Revised.
[2] Value of bakery products, ravioli, and confectionery.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939, 1937, AND 1929

| PRODUCTS | 1939 | | | 1937 | 1929 |
|---|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | | |
| Macaroni, spaghetti, vermicelli, and noodles, total value | $45,304,282 | $562,960 | $45,867,242 | $50,148,358 | $46,871,883 |
| Macaroni, spaghetti, and vermicelli: | | | | | |
| Pounds | 568,061,651 | 3,961,959 | 572,023,610 | 556,870,102 | 482,862,400 |
| Value | $34,910,216 | $272,042 | $35,182,258 | $38,993,987 | $37,424,762 |
| Egg noodles and other egg products: | | | | | |
| Pounds | 99,704,493 | 1,896,735 | 101,601,228 | 94,581,298 | 55,019,212 |
| Value | $9,707,555 | $247,471 | $9,955,026 | $10,602,472 | $8,196,195 |
| Noodles, plain or water: | | | | | |
| Pounds | 10,345,059 | 420,351 | 10,765,410 | 6,832,085 | 15,313,757 |
| Value | $686,511 | $43,447 | $729,958 | $551,899 | $1,250,926 |

TABLE 5.—PRINCIPAL PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

| | Pounds | Value |
|---|---|---|
| MACARONI, SPAGHETTI, AND VERMICELLI | | |
| United States | 572,023,610 | $35,182,258 |
| California | 35,383,325 | 2,334,141 |
| Connecticut | 9,105,997 | 475,574 |
| Illinois | 69,061,714 | 4,085,297 |
| Louisiana | 16,950,872 | 847,624 |
| Massachusetts | 14,156,301 | 977,424 |
| Michigan | 13,072,350 | 793,341 |
| Minnesota | 12,340,677 | 748,598 |
| Missouri | 23,284,750 | 1,239,767 |
| New York | 173,245,800 | 11,315,513 |
| Ohio | 8,127,147 | 446,081 |
| Pennsylvania | 71,785,435 | 3,819,541 |
| Rhode Island | 6,642,300 | 356,194 |
| Texas | 5,652,596 | 331,922 |
| Washington | 8,074,347 | 481,302 |
| Other States [1] | 105,139,999 | 6,929,939 |
| EGG NOODLES AND OTHER EGG PRODUCTS | | |
| United States | 101,601,228 | $9,955,026 |
| California | 5,859,983 | 628,077 |
| Illinois | 23,612,056 | 2,169,944 |
| Louisiana | 749,884 | 64,723 |
| Massachusetts | 1,583,934 | 139,039 |
| Michigan | 1,029,051 | 94,867 |
| Minnesota | 1,738,731 | 177,486 |
| Missouri | 4,488,920 | 330,643 |
| New York | 24,894,574 | 2,500,245 |
| Ohio | 4,040,759 | 434,757 |
| Pennsylvania | 13,239,336 | 1,298,082 |
| Washington | 994,411 | 115,356 |
| Other States [2] | 19,369,589 | 2,001,807 |
| NOODLES, PLAIN OR WATER | | |
| United States | 10,765,410 | $729,958 |
| California | 2,385,519 | 169,625 |
| New York | 3,466,033 | 203,409 |
| Pennsylvania | 527,825 | 40,475 |
| Washington | 495,030 | 35,313 |
| Other States [3] | 3,891,003 | 281,136 |

[1] Colorado, District of Columbia, Florida, Indiana, Iowa, Kansas, Kentucky, Maryland, Nebraska, New Jersey, Oklahoma, Oregon, Tennessee, Utah, Vermont, Wisconsin.
[2] Arkansas, Colorado, Connecticut, Delaware, District of Columbia, Florida, Indiana, Iowa, Kansas, Kentucky, Maryland, Nebraska, New Jersey, Oklahoma, Oregon, Rhode Island, Tennessee, Texas, Utah, West Virginia, Wisconsin.
[3] Colorado, Florida, Illinois, Louisiana, Maryland, Minnesota, Missouri, Ohio, Oregon, Texas, Wisconsin.

TABLE 6.—PRINCIPAL MATERIALS CONSUMED BY KIND, QUANTITY, AND COST, FOR THE UNITED STATES: 1939, 1937, AND 1929

| | [1] 1939 | [2] 1937 | [3] 1929 |
|---|---|---|---|
| Durum flour: | | | |
| Barrels | 816,755 | | |
| Cost | $3,760,088 | | |
| Semolina flour: | | | |
| Barrels | 2,159,987 | 3,261,940 | 2,688,619 |
| Cost | $11,173,419 | $22,273,066 | $19,236,012 |
| Other flour: | | | |
| Barrels | 508,165 | | |
| Cost | $2,136,832 | | |
| Beet and cane sugar [4]: | | | |
| Pounds | 501,550 | (5) | (5) |
| Cost | $24,416 | (5) | (5) |
| Corn sugar: | | | |
| Pounds | 89,479 | (5) | (5) |
| Cost | $3,526 | (5) | (5) |
| Eggs, fresh, frozen, dried, or canned, cost | $2,603,183 | $2,408,752 | $1,794,242 |

[1] Detail data reported by 321 establishments, value of products of which amounted to 98.8 percent of the total value of products for the industry.
[2] Detail data reported by 299 establishments, value of products of which amounted to 97.3 percent of the total value of products for the industry.
[3] Detail data reported by 309 establishments, value of products of which amounted to 99 percent of the total value of products for the industry.
[4] Figures combined to avoid disclosing, exactly or approximately, data reported by individual establishments. [5] Not called for on schedule.

TABLE 7.—PRINCIPAL MATERIALS CONSUMED BY KIND, QUANTITY, AND COST, BY STATES: 1939

[See footnote 1, table 6]

| | Quantity | Cost |
|---|---|---|
| DURUM FLOUR | | |
| United States | *Barrels* 816,755 | $3,760,088 |
| California | 34,280 | 167,644 |
| Illinois | 190,937 | 899,899 |
| Michigan | 16,701 | 78,882 |
| Minnesota | 33,384 | 134,129 |
| Missouri | 19,267 | 88,168 |
| New York | 180,405 | 862,958 |
| Ohio | 32,021 | 147,452 |
| Pennsylvania | 162,065 | 749,079 |
| Other States [1] | 147,695 | 631,877 |
| SEMOLINA FLOUR | | |
| United States | 2,159,987 | 11,173,419 |
| California | 126,883 | 719,030 |
| Connecticut | 47,802 | 213,461 |
| Illinois | 243,000 | 1,273,826 |
| Louisiana | 89,272 | 414,916 |
| Massachusetts | 75,262 | 377,442 |
| Michigan | 45,418 | 237,721 |
| Minnesota | 28,339 | 134,283 |
| Missouri | 72,335 | 324,180 |
| New Jersey | 98,825 | 492,152 |
| New York | 799,799 | 4,272,192 |

TABLE 7.—PRINCIPAL MATERIALS CONSUMED BY KIND, QUANTITY, AND COST, BY STATES: 1939—Continued

| | Quantity | Cost |
|---|---|---|
| SEMOLINA FLOUR—continued | | |
| Ohio | *Barrels* 30,292 | $183,058 |
| Pennsylvania | 239,922 | 1,159,317 |
| Rhode Island | 34,636 | 173,434 |
| Washington | 12,801 | 83,694 |
| Other States [2] | 215,401 | 1,114,713 |
| OTHER FLOUR | | |
| United States | 508,165 | 2,136,832 |
| California | 67,444 | 258,024 |
| Illinois | 9,790 | 33,469 |
| Louisiana | 14,831 | 53,984 |
| Michigan | 11,091 | 50,926 |
| Missouri | 57,933 | 268,629 |
| New York | 73,560 | 330,530 |
| Oregon | 17,240 | 63,077 |
| Pennsylvania | 38,604 | 167,699 |
| Texas | 21,578 | 77,860 |
| Washington | 29,306 | 100,450 |
| Other States [3] | 166,788 | 732,184 |
| BEET AND CANE SUGAR [4] | | |
| United States [5] | *Pounds* 501,550 | 24,416 |
| CORN SUGAR | | |
| United States [6] | 89,479 | 3,526 |
| EGGS, FRESH, FROZEN, DRIED, OR CANNED | | |
| United States | | 2,603,183 |
| California | | 148,052 |
| Illinois | | 527,643 |
| Louisiana | | 8,111 |
| Maryland | | 7,078 |
| Massachusetts | | 7,779 |
| Michigan | | 19,109 |
| Missouri | | 74,936 |
| New York | | 659,337 |
| Ohio | | 84,329 |
| Pennsylvania | | 416,659 |
| Washington | | 47,934 |
| Other States [7] | | 602,216 |

[1] Colorado, Connecticut, Florida, Indiana, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Nebraska, New Jersey, Oregon, Tennessee, Texas, Washington, Wisconsin.
[2] Colorado, District of Columbia, Florida, Indiana, Kansas, Kentucky, Maryland, Oregon, Tennessee, Texas, Utah, Wisconsin.
[3] Colorado, Florida, Indiana, Kansas, Kentucky, Maryland, Massachusetts, New Jersey, Ohio, Oklahoma, Tennessee, Utah, Wisconsin.
[4] Figures combined in order to avoid disclosing, exactly or approximately, data reported by individual establishments.
[5] Beet sugar: California, Illinois, Indiana, Texas. Cane sugar: California, Louisiana, New York, Oregon, Pennsylvania, Washington, Wisconsin.
[6] California, Illinois, New York.
[7] Colorado, Connecticut, District of Columbia, Florida, Indiana, Kansas, Kentucky, Minnesota, Nebraska, New Jersey, Oregon, Tennessee, Texas, Utah, Wisconsin.

TABLE 8.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939, 1937, AND 1929, AND BY STATES, 1939

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 6,013 | 6,177 | 6,249 | 6,274 | 5,832 | 5,593 | 5,589 | 5,504 | 5,568 | 6,330 | 6,786 | 6,204 | 6,050 |
| 1937 | 6,452 | 6,655 | 6,823 | 6,507 | 6,305 | 6,120 | 6,051 | 5,853 | 5,945 | 6,637 | 7,112 | 6,885 | 6,536 |
| 1929 | 5,072 | 5,141 | 5,286 | 5,304 | 4,864 | 4,833 | 4,788 | 4,612 | 4,822 | 5,175 | 5,425 | 5,339 | 5,272 |
| California | 418 | 419 | 417 | 420 | 412 | 407 | 410 | 396 | 409 | 422 | 442 | 436 | 423 |
| Connecticut | 62 | 63 | 62 | 62 | 62 | 62 | 59 | 60 | 61 | 62 | 62 | 62 | 62 |
| Florida | 15 | 14 | 14 | 15 | 15 | 15 | 15 | 14 | 14 | 16 | 16 | 16 | 16 |
| Illinois | 856 | 892 | 900 | 950 | 841 | 776 | 781 | 783 | 788 | 939 | 980 | 851 | 795 |
| Louisiana | 200 | 196 | 196 | 196 | 194 | 197 | 194 | 189 | 200 | 213 | 210 | 207 | 209 |
| Maryland | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 |
| Massachusetts | 96 | 96 | 96 | 97 | 96 | 96 | 95 | 98 | 92 | 98 | 96 | 96 | 96 |
| Michigan | 111 | 104 | 110 | 109 | 104 | 96 | 96 | 96 | 95 | 130 | 146 | 130 | 118 |
| Minnesota | 101 | 113 | 118 | 123 | 111 | 104 | 94 | 92 | 44 | 55 | 131 | 128 | 96 |
| Missouri | 316 | 322 | 326 | 332 | 317 | 309 | 276 | 272 | 297 | 336 | 372 | 321 | 308 |
| New Jersey | 326 | 341 | 348 | 343 | 314 | 304 | 292 | 295 | 322 | 336 | 353 | 339 | 327 |
| New York | 1,692 | 1,746 | 1,745 | 1,736 | 1,660 | 1,619 | 1,646 | 1,577 | 1,614 | 1,719 | 1,780 | 1,721 | 1,747 |
| Ohio | 132 | 136 | 134 | 131 | 131 | 129 | 122 | 121 | 118 | 118 | 146 | 149 | 150 |
| Oregon | 63 | 61 | 64 | 63 | 61 | 61 | 62 | 63 | 64 | 63 | 66 | 66 | 66 |
| Pennsylvania | 775 | 811 | 813 | 790 | 745 | 718 | 715 | 702 | 696 | 854 | 948 | 767 | 743 |
| Rhode Island | 45 | 33 | 41 | 43 | 45 | 46 | 43 | 45 | 42 | 47 | 48 | 51 | 53 |
| Texas | 78 | 89 | 77 | 78 | 76 | 76 | 76 | 76 | 78 | 80 | 77 | 78 | 78 |
| Washington | 87 | 79 | 91 | 93 | 88 | 85 | 87 | 86 | 83 | 90 | 90 | 87 | 87 |
| Wisconsin | 84 | 82 | 82 | 82 | 80 | 79 | 79 | 79 | 79 | 88 | 91 | 91 | 93 |

TABLE 9.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 328 |
| Reporting expenditures for plant and equipment | 156 |
| Value of products: | |
| Total for the industry | $46,153,471 |
| Reporting expenditures for plant and equipment | 35,841,095 |
| Expenditures for plant and equipment: | |
| Total for the industry | 1,460,742 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 462,731 |
| Expenditures for new machinery and operating equipment | 924,293 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 48,943 |
| Expenditures unclassified | 24,775 |

TABLE 10.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $3,545,125 | $3,624,003 |
| Finished products | 1,696,438 | 1,705,190 |
| Materials, supplies, etc | 1,848,687 | 1,918,813 |
| End of year, total | 4,211,584 | 3,631,082 |
| Finished products | 1,929,151 | 1,644,523 |
| Materials, supplies, etc | 2,282,433 | 1,986,559 |
| Value of products for the industry, total | 46,153,471 | 50,358,752 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 42,713,032 | 43,605,200 |
| Value for establishments not reporting inventories | 3,440,439 | 6,753,552 |

TABLE 11.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929

| | 1939 | 1929 |
|---|---|---|
| Number of establishments | 328 | 353 |
| Number of establishments reporting power equipment | 327 | 348 |
| Prime movers, aggregate: | | |
| Number | 23 | 48 |
| Horsepower | 2,011 | 4,233 |
| Prime movers, driving generators, total— | | |
| Number | 16 | [1] 48 |
| Horsepower | 1,774 | [1] 4,233 |

TABLE 11.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 AND 1929—Continued

| | 1939 | 1929 |
|---|---|---|
| Prime movers—Continued. | | |
| Prime movers, driving generators—Continued. | | |
| Steam engines— | | |
| Number | 4 | [1] 27 |
| Horsepower | 664 | [1] 3,859 |
| Diesel and semi-Diesel engines— | | |
| Number | 4 | |
| Horsepower | 350 | [1] 16 |
| Other internal-combustion engines [2]— | | [1] 324 |
| Number | 4 | |
| Horsepower | 250 | |
| Hydroturbines and water wheels— | | |
| Number | 4 | [1] 5 |
| Horsepower | 510 | [1] 50 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 35 | |
| Prime movers not driving generators, total— | | |
| Number | 7 | |
| Horsepower | 237 | |
| Steam engines— | | (3) |
| Number | 3 | |
| Horsepower | 60 | |
| Diesel and semi-Diesel engines— | | |
| Number | 2 | |
| Horsepower | 150 | |
| Other internal-combustion engines [2]— | | |
| Number | 2 | |
| Horsepower | 27 | |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 17 | (3) |
| Generators, kilowatt rating, total | 1,171 | 1,088 |
| Generators, driven by— | | |
| Steam engines, kilowatt rating | 460 | |
| Diesel and semi-Diesel engines, kilowatt rating | 190 | (3) |
| Other internal-combustion engines,[2] kilowatt rating | 226 | |
| Hydroturbines and water wheels, kilowatt rating | 295 | |
| Generators, ordinarily idle (included above), kilowatt rating | 22 | 4 |
| Electric motors, total: | | |
| Number | 8,555 | 5,973 |
| Horsepower | 27,604 | 22,067 |
| Driven by purchased energy— | | |
| Number | 8,157 | 5,526 |
| Horsepower | 26,093 | 20,215 |
| Driven by energy generated in establishments reporting— | | |
| Number | 398 | 447 |
| Horsepower | 1,511 | 1,852 |
| Electric energy (kilowatt-hours): | | |
| Generated in plant | 752,744 | (4) |
| Purchased | 40,073,740 | 27,727,541 |

[1] Includes data for prime movers not driving generators.
[2] Gas, gasoline, etc.
[3] Not called for on schedule.
[4] Data not available.

# FOOD PREPARATIONS, NOT ELSEWHERE CLASSIFIED

[A preliminary report for this industry was issued December 14, 1940]

**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, dairies, etc., is not covered by the census.

**Statistics for prior census years.**—In view of the reclassification of products assigned to this industry for the 1939 census, no comparable statistics for years prior to 1937 are available. A special tabulation was made of the reports for 1937 in order to obtain figures comparable with those for 1939.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937 [1]

| CENSUS YEAR | Number of establishments [2] | Wage earners (average for the year) [3] | Wages | Cost of materials, supplies, fuel, purchased electric energy, and contract work | Value of products | Value added by manufacture [4] | Horsepower of prime movers |
|---|---|---|---|---|---|---|---|
| 1939 | 1,007 | 13,120 | $11,180,773 | $106,234,268 | $172,459,397 | $66,225,129 | 8,768 |
| 1937 [5] | 795 | 12,641 | 10,843,174 | 104,565,740 | 167,526,012 | 62,960,272 | (6) |

[1] Revised.
[2] See GENERAL EXPLANATIONS—Definition of establishment.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures for 1937 revised; no comparable data for years prior to 1937. See "Statistics for prior census years," above.
[6] Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| ITEM | United States | Alabama | California | Colorado | Connecticut | Florida | Georgia | Illinois | Iowa | Kansas | Kentucky |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 1,007 | 17 | 156 | 17 | 5 | 10 | 12 | 87 | 13 | 11 | 11 |
| Proprietors and firm members | 759 | 12 | 154 | 13 | 2 | 13 | 7 | 55 | 12 | 9 | 5 |
| Persons reported by manufacturing establishments, total [2] | 19,484 | 418 | 1,917 | 199 | 21 | 59 | 433 | 2,195 | 152 | 171 | 188 |
| Salaried officers of corporations [2] | 655 | 14 | 72 | 5 | 1 | ---------- | 14 | 99 | 2 | 4 | 4 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 1,659 | 33 | 150 | 15 | 2 | 4 | 32 | 202 | 15 | 20 | 14 |
| Wage earners (average for the year) [3] | 13,120 | 259 | 1,258 | 145 | 12 | 53 | 323 | 1,326 | 113 | 141 | 125 |
| Distribution | 3,887 | 110 | 413 | 33 | 6 | 2 | 64 | 562 | 21 | 6 | 45 |
| Construction | 55 | 2 | 8 | ---------- | ---------- | ---------- | ---------- | ---------- | 1 | ---------- | ---------- |
| Other | 108 | ---------- | 16 | 1 | ---------- | ---------- | ---------- | 6 | ---------- | ---------- | ---------- |
| Salaries and wages, total [2] | $23,232,337 | $377,202 | $2,313,056 | $205,928 | $17,638 | $25,113 | $419,798 | $3,287,303 | $139,952 | $159,019 | $204,668 |
| Salaried officers [2] | 3,198,136 | 83,745 | 276,732 | 24,264 | 1,300 | ---------- | 69,759 | 567,014 | 6,350 | 20,000 | 17,549 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 2,904,534 | 42,770 | 205,102 | 24,866 | 1,631 | 3,000 | 35,896 | 401,136 | 22,510 | 28,635 | 19,348 |
| Wages | 11,180,773 | 109,620 | 1,214,324 | 121,635 | 8,127 | 19,622 | 209,007 | 1,249,141 | 81,174 | 103,013 | 109,080 |
| Distribution | 5,730,325 | 136,007 | 598,414 | 33,640 | 6,580 | 2,491 | 105,136 | 1,055,144 | 28,298 | 7,371 | 58,691 |
| Construction | 97,281 | 5,060 | 10,102 | ---------- | ---------- | ---------- | ---------- | ---------- | 1,620 | ---------- | ---------- |
| Other | 121,288 | ---------- | 8,382 | 1,523 | ---------- | ---------- | ---------- | 14,868 | ---------- | ---------- | ---------- |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 106,234,268 | 2,652,357 | 8,773,669 | 730,885 | 94,942 | 96,751 | 994,972 | 13,343,328 | 767,413 | 1,518,337 | 757,088 |
| Materials, supplies, and containers | 104,519,708 | 2,601,809 | 8,662,802 | 713,659 | 92,120 | 91,729 | 975,106 | 13,139,294 | 757,738 | 1,484,320 | 745,546 |
| Fuel | 990,461 | 11,178 | 54,091 | 9,873 | 1,385 | 3,960 | 11,314 | 115,285 | 5,809 | 12,777 | 5,525 |
| Purchased electric energy | 677,996 | 7,870 | 56,776 | 7,353 | 1,437 | 1,062 | 8,552 | 88,749 | 3,866 | 9,937 | 6,017 |
| Contract work | 46,103 | 31,500 | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 11,303 | ---------- |
| Value of products | 172,459,397 | 3,431,546 | 13,704,978 | 1,467,011 | 137,889 | 175,996 | 1,659,781 | 22,565,061 | 1,118,497 | 1,983,166 | 1,270,171 |
| Value added by manufacture [4] | 66,225,129 | 779,189 | 4,931,309 | 736,126 | 42,947 | 79,245 | 664,809 | 9,221,733 | 351,084 | 464,829 | 513,083 |

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

| ITEM | Louisiana | Maryland | Massachusetts | Michigan | Minnesota | Missouri | Montana | Nebraska | New Jersey | New York | Ohio |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 10 | 15 | 48 | 45 | 29 | 44 | 4 | 7 | 25 | 95 | 54 |
| Proprietors and firm members | 4 | 9 | 31 | 31 | 35 | 36 | 5 | 8 | 4 | 44 | 38 |
| Persons reported by manufacturing establishments, total [2] | 298 | 228 | 566 | 1,037 | 318 | 709 | 17 | 95 | 913 | 3,676 | 1,322 |
| Salaried officers of corporations [2] | 5 | 16 | 36 | 42 | 16 | 19 | ---------- | 2 | 21 | 109 | 23 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 30 | 22 | 58 | 150 | 15 | 45 | 2 | 5 | 95 | 280 | 106 |
| Wage earners (average for the year) [3] | 178 | 138 | 360 | 644 | 213 | 575 | 12 | 66 | 669 | 2,310 | 987 |
| Distribution | 85 | 51 | 110 | 178 | 64 | 68 | 3 | 16 | 121 | 951 | 194 |
| Construction | ---------- | ---------- | ---------- | 7 | 8 | 2 | ---------- | ---------- | 3 | 15 | ---------- |
| Other | ---------- | 1 | 2 | 16 | 2 | ---------- | ---------- | 6 | 4 | 11 | 12 |
| Salaries and wages, total [2] | $488,128 | $291,115 | $717,754 | $1,372,598 | $358,584 | $583,466 | $12,190 | $78,869 | $1,109,493 | $4,595,393 | $1,440,762 |
| Salaried officers [2] | 14,837 | 73,731 | 143,016 | 191,166 | 67,883 | 80,567 | ---------- | 6,000 | 84,748 | 670,978 | 88,899 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 76,004 | 39,619 | 104,347 | 217,355 | 30,904 | 69,733 | 3,000 | 6,057 | 221,054 | 512,937 | 171,189 |
| Wages | 173,419 | 106,012 | 355,203 | 610,701 | 161,413 | 335,521 | 7,590 | 43,408 | 650,903 | 2,233,715 | 791,737 |
| Distribution | 223,868 | 71,110 | 113,809 | 292,973 | 95,731 | 94,577 | 1,600 | 19,600 | 146,716 | 1,140,758 | 375,469 |
| Construction | ---------- | ---------- | ---------- | 34,297 | ---------- | 3,068 | ---------- | ---------- | 2,878 | 28,899 | ---------- |
| Other | ---------- | 643 | 1,379 | 26,106 | 2,653 | ---------- | ---------- | 3,804 | 3,194 | 8,106 | 19,468 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 2,483,669 | 966,056 | 2,314,950 | 4,763,353 | 1,703,175 | 5,271,938 | 28,860 | 361,603 | 8,686,650 | 24,885,368 | 4,957,779 |
| Materials, supplies, and containers | 2,458,256 | 944,149 | 2,242,200 | 4,587,286 | 1,671,927 | 5,235,188 | 27,933 | 354,636 | 8,588,666 | 24,630,651 | 4,833,240 |
| Fuel | 19,167 | 15,625 | 48,441 | 125,425 | 19,788 | 22,794 | 641 | 3,278 | 38,219 | 134,331 | 81,463 |
| Purchased electric energy | 6,246 | 6,282 | 24,309 | 50,642 | 9,141 | 13,956 | 286 | 3,689 | 59,765 | 120,386 | 43,076 |
| Contract work | ---------- | ---------- | ---------- | ---------- | 2,319 | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Value of products | 3,992,584 | 1,684,345 | 4,578,078 | 8,442,728 | 2,368,293 | 6,730,845 | 48,887 | 547,902 | 12,211,018 | 40,277,756 | 8,781,389 |
| Value added by manufacture [4] | 1,508,915 | 718,289 | 2,263,128 | 3,679,375 | 665,118 | 1,458,907 | 20,027 | 186,299 | 3,524,368 | 15,392,388 | 3,823,610 |

| ITEM | Oklahoma | Oregon | Pennsylvania | Rhode Island | Tennessee | Texas | Vermont | Virginia | Washington | Wisconsin | Other States [5] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of establishments [1] | 17 | 14 | 68 | 4 | 13 | 64 | 7 | 11 | 24 | 26 | 44 |
| Proprietors and firm members | 14 | 12 | 63 | 3 | 11 | 57 | 2 | 8 | 14 | 15 | 33 |
| Persons reported by manufacturing establishments, total [2] | 252 | 115 | 1,101 | 97 | 168 | 978 | 133 | 173 | 179 | 313 | 1,044 |
| Salaried officers of corporations [2] | 1 | 6 | 42 | 3 | 6 | 15 | 6 | 6 | 15 | 22 | 29 |
| Manufacturing: | | | | | | | | | | | |
| Salaried employees [2] | 8 | 7 | 94 | 9 | 12 | 59 | 22 | 13 | 14 | 34 | 92 |
| Wage earners (average for the year) [3] | 234 | 75 | 786 | 75 | 115 | 719 | 81 | 121 | 122 | 206 | 680 |
| Distribution | 9 | 27 | 152 | 10 | 35 | 180 | 24 | 32 | 28 | 49 | 238 |
| Construction | ---------- | ---------- | 9 | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Other | ---------- | ---------- | 18 | ---------- | ---------- | 5 | ---------- | 1 | ---------- | 2 | 5 |
| Salaries and wages, total [2] | $157,147 | $133,289 | $1,209,846 | $90,853 | $153,470 | $764,050 | $196,009 | $124,591 | $202,952 | $379,630 | $1,616,471 |
| Salaried officers [2] | 7,040 | 22,866 | 168,201 | 14,988 | 20,593 | 48,374 | 29,100 | 25,375 | 51,402 | 69,188 | 252,471 |
| Manufacturing: | | | | | | | | | | | |
| Salaries [2] | 7,709 | 10,687 | 149,921 | 11,390 | 19,263 | 88,824 | 41,054 | 10,073 | 19,953 | 49,008 | 259,559 |
| Wages | 133,174 | 60,361 | 627,020 | 45,478 | 70,102 | 428,249 | 78,375 | 59,244 | 96,281 | 166,832 | 721,292 |
| Distribution | 9,224 | 39,375 | 231,820 | 18,997 | 43,512 | 193,895 | 47,480 | 29,275 | 35,316 | 94,294 | 379,154 |
| Construction | ---------- | ---------- | 11,357 | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Other | ---------- | ---------- | 21,527 | ---------- | ---------- | 4,708 | ---------- | 624 | ---------- | 308 | 3,995 |
| Cost of materials, supplies, containers, fuel, purchased electric energy, and contract work, total | 1,405,921 | 446,293 | 4,581,728 | 213,192 | 889,883 | 4,288,261 | 1,580,423 | 782,661 | 1,020,349 | 1,332,882 | 3,539,532 |
| Materials, supplies, and containers | 1,392,651 | 437,386 | 4,460,564 | 207,028 | 879,583 | 4,203,381 | 1,566,469 | 767,406 | 1,001,215 | 1,297,118 | 3,468,652 |
| Fuel | 5,757 | 3,816 | 86,669 | 4,486 | 7,003 | 33,301 | 11,188 | 8,753 | 10,869 | 23,245 | 55,005 |
| Purchased electric energy | 7,213 | 5,091 | 34,495 | 1,678 | 3,297 | 51,579 | 2,766 | 6,502 | 7,584 | 12,519 | 15,875 |
| Contract work | 300 | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 681 | ---------- | ---------- |
| Value of products | 1,682,467 | 797,729 | 7,213,021 | 423,713 | 1,266,061 | 6,563,554 | 2,544,861 | 1,068,022 | 1,481,943 | 2,210,693 | 10,029,412 |
| Value added by manufacture [4] | 276,546 | 351,436 | 2,631,293 | 210,521 | 376,178 | 2,275,293 | 964,438 | 285,361 | 461,594 | 877,811 | 6,489,880 |

[1] See GENERAL EXPLANATIONS—Definition of establishment. [2] See GENERAL EXPLANATIONS—Persons engaged—general classification.
[3] See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Arizona, 1 establishment; Arkansas, 3; District of Columbia, 3; Indiana, 15; Mississippi, 1; Nevada, 2; New Hampshire, 1; New Mexico, 1; North Carolina, 2; South Carolina, 1; Utah, 11; West Virginia, 2; Wyoming, 1.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937

| | 1939 | 1937 [1] |
|---|---|---|
| Food Preparations, Not Elsewhere Classified industry, all products, total value | $172,459,397 | $167,526,012 |
| Food preparations | 140,331,210 | 137,699,888 |
| Food preparations and other products not reported by kind | 2,530,130 | ---------- |
| Miscellaneous products | 888,401 | 29,794,559 |
| Other products (not classified in this industry) | [2] 25,561,052 | |
| Merchandise (goods bought and sold without processing) | 3,047,564 | ---------- |
| Receipts for contract work | 101,040 | 31,565 |
| Food preparations, total value | [3] 182,956,292 | 169,829,930 |
| Food preparations made in the industry | [3] 140,331,210 | 137,699,888 |
| Food preparations (classified as products of this industry) made as secondary products in other industries | 42,625,082 | 32,130,042 |

[1] Revised.
[2] Value of cheese, blended or processed; cheese spread; flavoring extracts and flavoring sirups; horse-radish (prepared); ice-cream powders; malted-milk products; mustard (prepared); peanut candy; peanuts, salted; preserves, jams, jellies, etc.; egg noodles; salad dressings; meat and other sauces; soda-fountain sirups; vegetable oils; dog and cat food; etc.
[3] Does not include value ($2,530,130) of food preparations covered by "Food preparations and other products not reported by kind."

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

| PRODUCT | 1939 | | | 1937[1] |
|---|---|---|---|---|
| | Produced in the industry | Produced in other industries | Total | |
| Total value | $140,331,210 | $42,625,082 | $182,956,292 | $169,829,930 |
| Baked beans (not canned), value | $69,503 | $872,434 | $941,937 | (2) |
| Bakers', confectioners', and household supplies, total value | $7,236,741 | $2,757,859 | $9,994,600 | $11,731,327 |
| Chili pepper or powder (ground or whole): | | | | |
| Pounds | 7,269,806 | 251,493 | 7,521,299 | 5,616,073 |
| Value | $1,428,998 | $47,264 | $1,476,262 | $1,242,655 |
| Coconut, desiccated or shredded, value | (3) | (3) | $4,239,610 | $4,178,625 |
| Marshmallow crème, value | $633,581 | $62,500 | $696,081 | $651,723 |
| Pie and cake fillings (except mincemeat), value | $642,410 | $209,316 | $851,726 | $906,447 |
| Sugar, powdered: | | | | |
| Pounds | (3) | (3) | 20,603,608 | (4) |
| Value | (3) | (3) | $1,287,661 | (5) |
| Other preparations, value | | $1,443,260 | $1,443,260 | $4,751,877 |
| Bouillon cubes, value | $375,588 | | $375,588 | (2) |
| Brown bread (canned, Boston, and other), value | $33,449 | $704,306 | $737,755 | (2) |
| Cakes (Chinese, Japanese, Mexican, etc.), total value | $379,970 | $36,200 | $416,170 | $379,593 |
| Bean cakes, value | $83,966 | | $83,966 | (4) |
| Enchiladas, value | $90,711 | | $90,711 | |
| Rice cakes, value | (3) | (3) | $47,542 | |
| Tortillas, value | $86,128 | | $86,128 | |
| Other cakes, value | (3) | (3) | $107,823 | |
| Chocolate and cocoa, instant: | | | | |
| Pounds | 2,139,613 | 398,480 | 2,538,093 | 3,521,396 |
| Value | $416,759 | $77,579 | $494,338 | $666,719 |
| Desserts (ready to mix), total value | $21,054,995 | $1,455,208 | $22,510,203 | $26,009,010 |
| Cornstarch base | $3,022,881 | | $3,022,881 | $2,687,549 |
| Gelatin and tapioca base | $15,426,034 | $396,514 | $15,822,548 | $19,268,272 |
| Puddings, plum, fig, and other (canned) | $45,987 | $876,520 | $922,507 | $943,493 |
| Other desserts | $2,560,093 | $182,174 | $2,742,267 | $3,109,696 |
| Egg albumen: | | | | |
| Pounds | 2,327,227 | | 2,327,227 | (4) |
| Value | $1,311,257 | | $1,311,257 | (2) |
| Eggs, whole, dehydrated, and desiccated: | | | | |
| Pounds | (3) | (3) | 8,838,717 | (4) |
| Value | (3) | (3) | $4,014,501 | (2) |
| Eggs, processed, canned, and frozen, total value | (3) | (3) | $23,306,449 | $22,192,047 |
| Quantity reported: | | | | |
| Pounds | (3) | (3) | 104,421,531 | 134,510,351 |
| Value | (3) | (3) | $14,245,881 | $22,192,047 |
| Quantity not reported, value | | $9,060,568 | $9,060,568 | |
| "Health foods," value | $12,174,536 | $1,145,435 | $13,319,971 | $8,429,514 |
| Ice-cream cones and wafers, value | $4,091,027 | $651,814 | $4,742,841 | $4,854,723 |
| Italian, Spanish, and Mexican preparations, other than cakes, total value | $3,489,156 | $822,729 | $4,311,885 | $4,773,190 |
| Chili con carne | $1,800,192 | $485,982 | $2,286,174 | $2,539,804 |
| Tamales | $1,608,038 | $336,747 | $1,944,785 | $1,605,427 |
| Other preparations | $80,926 | | $80,926 | $627,959 |
| Meat pies, value | $458,883 | $105,220 | $564,103 | (2) |
| Meat seasoning, value | $1,773,065 | | $1,773,065 | $1,014,948 |
| Mincemeat: | | | | |
| Pounds | 17,340,502 | 13,507,145 | 30,847,647 | 32,991,527 |
| Value | $1,653,940 | $1,486,051 | $3,139,991 | $3,365,589 |
| Peanut products (not including peanut candy and salted peanuts [6]), total value | (3) | (3) | $19,679,157 | $19,780,490 |
| Peanut butter: | | | | |
| Pounds | 66,169,686 | 90,726,377 | 156,896,063 | 148,490,131 |
| Value | $6,811,862 | $9,856,204 | $16,668,066 | $16,796,486 |
| Peanuts, blanched: | | | | |
| Pounds | 6,526,794 | | 6,526,794 | (4) |
| Value | $440,513 | | $440,513 | |
| Peanut-butter sandwiches, value | (3) | (3) | $2,440,030 | $2,984,004 |
| Other peanut products, value | $130,548 | | $130,548 | |
| Pectin, value | (3) | (3) | $2,800,637 | (2) |
| Potato chips: | | | | |
| Pounds | 54,481,126 | 3,761,753 | 58,242,879 | 45,527,204 |
| Value | $13,849,470 | $970,507 | $14,819,977 | $11,337,375 |
| Ravioli: | | | | |
| Pounds | 1,830,069 | 580,505 | 2,410,574 | 1,040,720 |
| Value | $328,130 | $74,464 | $402,594 | $179,745 |
| Sandwich spread (except cheese and peanut butter), value | $920,860 | $3,926,532 | $4,847,392 | $2,639,555 |
| Sweetening sirups and molasses, total value | (3) | (3) | $22,639,289 | $24,340,384 |
| Edible sirups, mixed or blended, including sirup-and-molasses mixtures: | | | | |
| Pounds | 240,371,110 | 30,196,022 | 270,567,132 | 252,170,977 |
| Value | $12,629,363 | $1,922,467 | $14,551,830 | $15,167,996 |
| Edible molasses, mixed or blended: | | | | |
| Pounds | 97,647,724 | 1,573,584 | 99,221,308 | 70,920,223 |
| Value | $3,972,858 | $74,532 | $4,047,390 | $2,545,625 |
| Honey, strained: | | | | |
| Gallons | 1,366,326 | 387,421 | 1,753,747 | (4) |
| Value | $1,292,880 | $349,107 | $1,641,987 | (7) |
| Maple sirup: | | | | |
| Gallons | 1,261,108 | 84,041 | 1,345,149 | (4) |
| Value | $1,629,113 | $128,503 | $1,757,616 | (7) |
| Other sirups, including sorghum: | | | | |
| Gallons | (3) | (3) | 1,230,263 | (4) |
| Value | (3) | (3) | $640,466 | [7] $6,626,763 |
| Other food products, not reported by kind, value | $23,791,074 | $2,021,518 | [8] $25,812,592 | [9] $28,135,721 |

[1] Revised.
[2] Data included in figure for "Other food products."
[3] Not shown to avoid disclosing, exactly or approximately, data reported by individual establishments.
[4] Data not available.
[5] Data included in figures for "Other preparations" under "Bakers', confectioners', and household supplies."
[6] Data for these products included in the report on the "Candy and other confectionery products" industry.
[7] Data for value of "Honey, strained" and "Maple sirup" included in figure for "Other sirups."
[8] Includes values of "Chicory root (dried)" and "Cracker meal."
[9] Includes values of "Baked beans (not canned)," "Bouillon cubes," "Brown bread (canned, Boston, and other)," "Egg albumen," "Eggs, whole, dehydrated, and desiccated," "Meat pies," and "Pectin."

TABLE 5.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

| STATE | Average number employed during year | NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH— | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | January | February | March | April | May | June | July | August | September | October | November | December |
| United States: | | | | | | | | | | | | | |
| 1939 | 13,120 | 10,812 | 12,206 | 13,641 | 14,389 | 14,667 | 14,552 | 13,436 | 12,435 | 13,060 | 13,447 | 12,577 | 12,223 |
| 1937 | 12,641 | 10,744 | 11,644 | 13,110 | 13,878 | 14,782 | 14,351 | 12,430 | 12,078 | 12,370 | 12,571 | 12,236 | 11,500 |
| Alabama | 259 | 251 | 265 | 248 | 268 | 258 | 227 | 235 | 234 | 293 | 344 | 262 | 223 |
| Arkansas | 32 | 13 | 36 | 80 | 113 | 83 | 12 | 4 | 4 | 4 | 13 | 12 | 12 |
| California | 1,258 | 1,123 | 1,190 | 1,207 | 1,187 | 1,194 | 1,168 | 1,184 | 1,164 | 1,350 | 1,424 | 1,474 | 1,430 |
| Colorado | 145 | 122 | 127 | 141 | 171 | 174 | 175 | 165 | 146 | 137 | 137 | 121 | 119 |
| Connecticut | 12 | 11 | 11 | 10 | 12 | 11 | 13 | 13 | 13 | 14 | 14 | 13 | 14 |
| District of Columbia | 54 | 51 | 49 | 49 | 46 | 53 | 58 | 55 | 57 | 60 | 58 | 62 | 55 |
| Florida | 53 | 60 | 61 | 61 | 61 | 40 | 40 | 41 | 47 | 47 | 61 | 60 | 60 |
| Georgia | 323 | 296 | 311 | 314 | 320 | 315 | 324 | 310 | 332 | 335 | 331 | 350 | 334 |
| Illinois | 1,326 | 1,008 | 1,135 | 1,297 | 1,445 | 1,473 | 1,558 | 1,487 | 1,385 | 1,305 | 1,430 | 1,217 | 1,175 |
| Indiana | 477 | 464 | 490 | 500 | 465 | 503 | 479 | 489 | 486 | 456 | 459 | 471 | 467 |
| Iowa | 113 | 71 | 97 | 90 | 110 | 80 | 106 | 92 | 97 | 211 | 183 | 112 | 110 |
| Kansas | 141 | 59 | 78 | 217 | 299 | 306 | 271 | 105 | 76 | 82 | 69 | 71 | 57 |
| Kentucky | 125 | 113 | 116 | 112 | 118 | 111 | 115 | 122 | 125 | 130 | 142 | 153 | 143 |
| Louisiana | 178 | 168 | 179 | 172 | 170 | 163 | 167 | 168 | 179 | 204 | 201 | 197 | 170 |
| Maryland | 138 | 118 | 117 | 144 | 151 | 163 | 149 | 148 | 136 | 137 | 141 | 126 | 120 |
| Massachusetts | 360 | 319 | 329 | 339 | 349 | 383 | 408 | 402 | 364 | 346 | 373 | 368 | 346 |
| Michigan | 644 | 556 | 566 | 575 | 589 | 600 | 610 | 624 | 651 | 639 | 844 | 757 | 716 |
| Minnesota | 213 | 144 | 157 | 160 | 230 | 300 | 295 | 298 | 202 | 226 | 200 | 194 | 151 |
| Missouri | 575 | 234 | 551 | 886 | 1,069 | 1,105 | 1,066 | 714 | 280 | 272 | 257 | 235 | 226 |
| Montana | 12 | 11 | 11 | 11 | 11 | 13 | 14 | 15 | 16 | 11 | 11 | 11 | 11 |
| Nebraska | 66 | 65 | 64 | 65 | 65 | 66 | 64 | 62 | 65 | 63 | 69 | 70 | 69 |
| New Jersey | 669 | 621 | 647 | 637 | 629 | 626 | 617 | 607 | 641 | 794 | 803 | 732 | 675 |
| New York | 2,310 | 2,090 | 2,320 | 2,462 | 2,333 | 2,350 | 2,428 | 2,274 | 2,268 | 2,392 | 2,388 | 2,131 | 2,282 |
| Ohio | 987 | 837 | 892 | 974 | 970 | 1,069 | 1,058 | 1,070 | 991 | 985 | 1,012 | 988 | 1,002 |
| Oklahoma | 234 | 85 | 301 | 353 | 404 | 384 | 401 | 278 | 131 | 113 | 119 | 117 | 118 |
| Oregon | 75 | 61 | 62 | 64 | 66 | 84 | 96 | 96 | 88 | 76 | 71 | 68 | 69 |
| Pennsylvania | 786 | 684 | 693 | 702 | 725 | 758 | 809 | 797 | 830 | 929 | 889 | 847 | 763 |
| Rhode Island | 75 | 72 | 74 | 73 | 79 | 74 | 87 | 86 | 78 | 75 | 75 | 65 | 66 |
| Tennessee | 115 | 81 | 89 | 189 | 196 | 147 | 92 | 102 | 93 | 110 | 104 | 98 | 80 |
| Texas | 719 | 456 | 618 | 929 | 1,125 | 1,068 | 953 | 688 | 585 | 570 | 563 | 548 | 524 |
| Utah | 38 | 29 | 29 | 31 | 33 | 43 | 46 | 50 | 44 | 42 | 36 | 35 | 34 |
| Vermont | 81 | 51 | 50 | 51 | 62 | 112 | 110 | 106 | 85 | 105 | 91 | 76 | 74 |
| Virginia | 121 | 120 | 118 | 115 | 120 | 123 | 116 | 121 | 115 | 123 | 119 | 130 | 135 |
| Washington | 122 | 115 | 116 | 118 | 124 | 144 | 130 | 135 | 127 | 120 | 108 | 110 | 112 |
| Wisconsin | 206 | 185 | 191 | 194 | 198 | 211 | 212 | 211 | 214 | 217 | 224 | 216 | 199 |

TABLE 6.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

| | 1939 |
|---|---|
| Number of establishments: | |
| Total for the industry | 1,007 |
| Reporting expenditures for plant and equipment | 515 |
| Value of products: | |
| Total for the industry | $172,459,397 |
| Reporting expenditures for plant and equipment | 129,937,922 |
| Expenditures for plant and equipment: | |
| Total for the industry | 2,818,452 |
| Expenditures for new construction or major alterations of buildings and other fixed plant and structures | 499,511 |
| Expenditures for new machinery and operating equipment | 2,052,150 |
| Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land | 148,425 |
| Expenditures unclassified | 118,366 |

TABLE 7.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

| | 1939 | 1937 [1] |
|---|---|---|
| Inventories: | | |
| Beginning of year, total | $20,373,303 | $22,932,858 |
| Finished products | 8,469,982 | 10,227,279 |
| Materials, supplies, etc | 11,903,321 | 12,705,579 |
| End of year, total | 20,686,882 | 28,267,429 |
| Finished products | 7,894,454 | 14,300,914 |
| Materials, supplies, etc | 12,792,428 | 13,966,515 |
| Value of products for the industry, total | 172,459,397 | 167,526,012 |
| Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand) | 140,208,986 | 147,904,578 |
| Value for establishments not reporting inventories | 32,250,411 | 19,621,434 |

[1] Revised.

TABLE 8.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939 [1]

| | 1939 |
|---|---|
| Number of establishments | 1,007 |
| Number of establishments reporting power equipment | 1,003 |
| Prime movers, aggregate: | |
| Number | 84 |
| Horsepower | 8,768 |
| Prime movers, driving generators, total— | |
| Number | 32 |
| Horsepower | 6,576 |
| Steam engines— | |
| Number | 19 |
| Horsepower | 2,755 |
| Steam turbines— | |
| Number | 6 |
| Horsepower | 3,171 |
| Diesel and semi-Diesel engines— | |
| Number | 7 |
| Horsepower | 650 |
| Prime movers, driving generators, ordinarily idle (included above), horsepower | 200 |
| Prime movers not driving generators, total— | |
| Number | 52 |
| Horsepower | 2,192 |
| Steam engines— | |
| Number | 44 |
| Horsepower | 1,926 |
| Steam turbines— | |
| Number | 3 |
| Horsepower | 115 |
| Prime movers—Continued. | |
| Prime movers not driving generators—Continued. | |
| Diesel and semi-Diesel engines— | |
| Number | 2 |
| Horsepower | 31 |
| Other internal-combustion engines [2]— | |
| Number | 3 |
| Horsepower | 120 |
| Prime movers not driving generators, ordinarily idle (included above), horsepower | 200 |
| Generators, kilowatt rating, total | 4,591 |
| Generators, driven by— | |
| Steam engines, kilowatt rating | 1,971 |
| Steam turbines, kilowatt rating | 2,325 |
| Diesel and semi-Diesel engines, kilowatt rating | 295 |
| Generators, ordinarily idle (included above), kilowatt rating | 150 |
| Electric motors, total: | |
| Number | 12,521 |
| Horsepower | 35,358 |
| Driven by purchased energy— | |
| Number | 10,946 |
| Horsepower | 29,354 |
| Driven by energy generated in establishments reporting— | |
| Number | 1,575 |
| Horsepower | 6,004 |
| Electric energy (kilowatt-hours): | |
| Generated in plant | 6,997,082 |
| Sold | 216,000 |
| Purchased | 29,369,210 |

[1] Comparable data for 1929 not available.

[2] Gas, gasoline, etc.