# 23.—COMMERCE OF NONCONTIGUOUS TERRITORIES

GENERAL NOTE.—In the general foreign-trade statistics of the United States presented in the preceding section, the Philippines and Virgin Islands are treated as foreign countries and their trade with the United States is included while their trade with other countries is not included. On the other hand, Porto Rico Hawaii, and Alaska are treated as integral parts of the United States, so that trade between them and continental United States is not included, while trade between them and foreign countries is included; each of these three territories appears as a separate customs district (Table 542). Neither trade of American Samoa and Guam with foreign countries nor shipments between them and United States are included in the general tables on foreign trade. See also Table 510, p. 482.

The tables in this section present the total foreign trade of each of the United States territories and possessions and shows separately the trade with Continental United States (unless otherwise indicated) and with foreign countries, including other United States territories and possessions.

## No. 552.—IMPORTS AND EXPORTS OF ALASKA

NOTE.—In 1930 Alaska shipped domestic silver valued at $180,296 and foreign gold valued at $30,450 to the United States

| Yearly average or year ended— | Merchandise imports | | | Merchandise exports | | | Shipments domestic gold to United States |
|---|---|---|---|---|---|---|---|
| | From United States [1] | From other countries | Total | To United States | To other countries | Total | |
| June 30: | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* |
| 1882-1885 | 680,250 | 9,198 | | | 24,955 | | |
| 1886-1890 | 1,455,600 | 23,697 | | | 8,748 | | |
| 1891-1895 | 2,422,600 | 42,539 | | | 15,526 | | |
| 1896-1900 | 9,843,000 | 185,182 | | | 135,069 | | |
| 1901 | 13,457,000 | 557,992 | | | 2,534,318 | | |
| 1902 | | 511,830 | | | 2,612,021 | | |
| 1903 | 9,509,701 | 477,463 | 9,987,164 | 10,228,569 | 1,612,128 | 11,840,697 | |
| 1904 | 10,165,110 | 607,355 | 10,772,465 | 10,165,140 | 1,565,690 | 11,730,830 | 6,347,742 |
| 1905 | 11,504,255 | 1,450,910 | 12,955,165 | 10,801,446 | 1,088,165 | 11,889,611 | 9,059,023 |
| 1906 | 14,869,827 | 845,291 | 15,715,118 | 9,272,337 | 1,377,398 | 10,649,735 | 12,638,608 |
| 1907 | 18,402,765 | 1,134,191 | 19,536,956 | 12,155,198 | 1,489,686 | 13,644,884 | 18,564,228 |
| 1908 | 16,577,903 | 776,974 | 17,354,877 | 10,967,777 | 1,857,905 | 12,825,682 | 11,490,777 |
| 1909 | 17,762,600 | 647,331 | 18,409,931 | 13,110,910 | 961,101 | 14,072,011 | 17,782,493 |
| 1910 | 18,670,339 | 619,348 | 19,289,687 | 12,440,380 | 1,168,014 | 13,608,394 | 18,393,128 |
| 1911 | 16,205,730 | 706,171 | 16,911,901 | 14,055,329 | 1,136,745 | 15,192,074 | 15,153,671 |
| 1912 | 19,417,227 | 563,503 | 19,980,730 | 21,778,064 | 1,010,072 | 22,788,136 | 17,250,019 |
| 1913 | 20,827,262 | 982,271 | 21,809,533 | 24,634,987 | 1,477,991 | 26,112,978 | 14,576,015 |
| 1914 | 22,461,723 | 567,399 | 23,029,122 | 21,817,408 | 1,124,239 | 22,941,647 | 12,291,672 |
| 1915 | 21,260,042 | 640,886 | 21,900,928 | 27,442,335 | 1,001,389 | 28,443,724 | 15,348,666 |
| 1916 | 27,086,288 | 1,066,612 | 28,152,900 | 49,468,186 | 1,426,362 | 50,894,548 | 16,195,635 |
| 1917 | 38,992,049 | 1,469,524 | 40,461,573 | 60,773,859 | 2,474,894 | 63,248,753 | 15,409,529 |
| 1918 | 44,280,075 | 967,532 | 45,247,607 | 71,595,414 | 2,462,470 | 74,057,884 | 12,416,660 |
| Dec. 31: | | | | | | | |
| 1918 (6 mos.) | 11,678,122 | 863,515 | 12,541,637 | 62,992,202 | 763,285 | 63,755,487 | 6,671,848 |
| 1919 | 37,476,232 | 1,449,362 | 38,925,594 | 60,479,548 | 1,542,249 | 62,021,797 | 8,105,005 |
| 1920 | 36,876,855 | 1,512,118 | 38,388,973 | 60,939,061 | 1,530,035 | 62,469,096 | 6,543,313 |
| 1921 | 19,274,215 | 935,013 | 20,209,238 | 36,916,924 | 1,445,042 | 38,361,966 | 6,543,430 |
| 1922 | 26,777,806 | 870,927 | 27,648,733 | 51,082,995 | 1,371,490 | 52,454,485 | 6,640,978 |
| 1923 | 30,631,366 | 514,466 | 31,145,832 | 53,761,494 | 1,325,773 | 55,087,267 | 5,931,896 |
| 1924 | 32,046,273 | 529,618 | 32,575,891 | 54,974,168 | 1,351,380 | 56,325,548 | 4,602,746 |
| 1925 | 32,352,530 | 846,981 | 33,199,511 | 56,918,746 | 901,543 | 57,820,289 | 5,219,542 |
| 1926 | 31,587,337 | 543,683 | 32,131,020 | 73,300,506 | 521,881 | 73,822,387 | 5,743,076 |
| 1927 | 35,604,108 | 766,302 | 36,370,410 | 51,348,688 | 483,679 | 51,832,367 | 5,394,107 |
| 1928 | 32,058,976 | 559,262 | 32,618,238 | 67,587,207 | 622,738 | 68,209,945 | 6,352,204 |
| 1929 | 33,220,584 | 954,273 | 34,174,857 | 63,567,677 | 607,017 | 64,174,694 | 7,126,724 |
| 1930 | 31,303,291 | 1,709,636 | 33,012,927 | 48,996,962 | 347,191 | 49,344,153 | 7,631,737 |

[1] Unofficial estimates of the value of merchandise shipped from Pacific coast ports to Alaska from 1880 to 1901; from 1903 to date, official figures of shipments to Alaska.

Source: Bureau of Foreign and Domestic Commerce.

## No. 553.—IMPORTS AND EXPORTS OF PORTO RICO

| Yearly average or year ended— | Merchandise imports | | | Merchandise exports | | |
|---|---|---|---|---|---|---|
| | From United States | From other countries | Total | To United States | To other countries | Total |
| | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* |
| June 30: | | | | | | |
| 1901–1905 | 11,055,607 | 2,200,857 | 13,256,464 | 10,485,414 | 3,743,050 | 14,228,464 |
| 1906 | 19,224,881 | 2,602,784 | 21,827,665 | 19,142,461 | 4,115,069 | 23,257,530 |
| 1907 | 25,686,285 | 3,580,887 | 29,267,172 | 22,070,133 | 4,926,167 | 26,996,300 |
| 1908 | 22,677,376 | 3,148,289 | 25,825,665 | 25,891,261 | 4,753,209 | 30,644,470 |
| 1909 | 23,618,545 | 2,925,781 | 26,544,326 | 26,394,312 | 3,996,913 | 30,391,225 |
| 1910 | 27,097,654 | 3,537,201 | 30,634,855 | 32,095,897 | 5,864,617 | 37,960,514 |
| 1911 | 34,671,958 | 4,115,039 | 38,786,997 | 34,765,409 | 5,152,958 | 39,918,367 |
| 1912 | 38,470,963 | 4,501,928 | 42,972,891 | 42,873,401 | 6,832,012 | 49,705,413 |
| 1913 | 33,155,005 | 3,745,057 | 36,900,062 | 40,538,623 | 8,564,942 | 49,103,565 |
| 1914 | 32,568,368 | 3,838,419 | 36,406,787 | 34,423,180 | 8,679,582 | 43,102,762 |
| 1915 | 30,929,831 | 2,954,465 | 33,884,296 | 42,311,920 | 7,044,987 | 49,356,907 |
| 1916 | 35,892,515 | 3,058,400 | 38,950,915 | 60,952,758 | 5,634,937 | 66,587,695 |
| 1917 | 49,539,249 | 4,005,975 | 53,545,224 | 73,115,224 | 7,855,680 | 80,970,904 |
| 1918 | 58,945,758 | 4,443,524 | 63,389,282 | 65,515,650 | 8,753,450 | 74,269,100 |
| Dec. 31: | | | | | | |
| 1918 (6 months) | 25,668,096 | 1,796,219 | 27,464,315 | 31,333,827 | 3,733,065 | 35,066,892 |
| 1919 | 67,799,541 | 5,261,052 | 73,060,593 | 78,320,180 | 11,075,625 | 89,395,805 |
| 1920 | 121,561,574 | 7,512,404 | 129,073,978 | 158,322,083 | 16,346,697 | 174,668,780 |
| 1921 | 60,977,112 | 7,377,251 | 68,354,363 | 71,987,716 | 6,753,990 | 78,741,706 |
| 1922 | 57,968,112 | 6,849,098 | 64,817,210 | 60,105,155 | 5,012,292 | 65,117,447 |
| 1923 | 76,919,616 | 7,547,504 | 84,467,120 | 80,303,272 | 5,768,723 | 86,071,995 |
| 1924 | 78,412,003 | 9,337,444 | 87,749,447 | 77,330,748 | 7,397,792 | 84,728,540 |
| 1925 | 77,499,807 | 11,620,875 | 89,120,682 | 92,679,754 | 7,053,295 | 99,733,049 |
| 1926 | 84,737,537 | 12,664,064 | 97,401,601 | 90,166,856 | 7,579,594 | 97,746,450 |
| 1927 | 86,326,546 | 11,264,383 | 97,594,286 | 96,902,024 | 7,557,741 | 104,459,765 |
| 1928 | 81,940,283 | 13,325,628 | 95,265,911 | 97,268,763 | 6,398,231 | 103,666,994 |
| 1929 | 75,979,912 | 11,728,596 | 87,997,875 | 78,126,574 | 5,117,801 | 83,234,375 |
| 1930 | 74,219,219 | 10,318,649 | 84,537,868 | 99,880,061 | 4,068,810 | 103,948,871 |

## No. 554.—IMPORTS AND EXPORTS OF HAWAII

| Yearly average or year ended— | Merchandise imports | | | Merchandise exports | | |
|---|---|---|---|---|---|---|
| | From United States | From other countries | Total | To United States | To other countries | Total |
| | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* |
| June 30: | | | | | | |
| 1901–1905 | [1] 11,459,879 | 3,165,296 | [1] 14,778,085 | 28,029,059 | 64,698 | 28,093,757 |
| 1906 | 12,036,675 | 3,275,242 | 15,311,917 | 26,882,199 | 56,313 | 26,938,512 |
| 1907 | 14,435,725 | 4,151,709 | 18,587,434 | 29,071,813 | 229,914 | 29,301,727 |
| 1908 | 15,038,155 | 4,682,399 | 19,720,554 | 41,640,505 | 597,640 | 42,238,145 |
| 1909 | 17,780,778 | 4,033,574 | 21,814,352 | 40,432,945 | 84,152 | 40,517,097 |
| 1910 | 20,560,101 | 4,606,334 | 25,166,435 | 46,183,265 | 306,763 | 46,490,028 |
| 1911 | 21,925,177 | 5,190,449 | 27,115,626 | 41,207,651 | 730,642 | 41,938,293 |
| 1912 | 24,652,905 | 5,598,444 | 30,251,349 | 55,076,070 | 373,273 | 55,449,343 |
| 1913 | 30,646,089 | 6,873,531 | 37,519,620 | 42,713,184 | 758,646 | 43,471,830 |
| 1914 | 25,773,412 | 6,282,558 | 32,055,970 | 40,678,580 | 915,245 | 41,593,825 |
| 1915 | 25,004,764 | 5,716,023 | 30,720,787 | 62,087,250 | 377,509 | 62,464,759 |
| 1916 | 31,127,577 | 6,068,529 | 37,196,106 | 64,438,297 | 226,747 | 64,665,044 |
| 1917 | 44,330,475 | 6,482,951 | 50,813,426 | 73,174,343 | 923,747 | 74,098,090 |
| 1918 | 43,646,515 | 6,807,048 | 50,453,563 | 79,392,926 | 1,553,700 | 80,946,626 |
| Dec. 31: | | | | | | |
| 1918 (6 months) | 19,061,246 | 5,476,008 | 24,537,254 | 42,224,209 | 4,152,299 | 46,376,508 |
| 1919 | 49,983,869 | 8,980,704 | 58,964,573 | 98,363,015 | 4,702,103 | 103,063,118 |
| 1920 | 74,052,453 | 12,284,592 | 86,337,045 | 192,383,185 | 3,437,699 | 195,820,888 |
| 1921 | 64,446,173 | 9,529,755 | 73,975,928 | 71,669,115 | 1,350,483 | 73,019,598 |
| 1922 | 53,585,740 | 7,496,913 | 61,082,653 | 73,431,301 | 1,257,268 | 74,688,569 |
| 1923 | 66,421,393 | 8,684,804 | 75,106,197 | 101,085,642 | 1,581,164 | 102,666,806 |
| 1924 | 69,767,693 | 8,884,223 | 78,651,916 | 108,473,292 | 1,415,911 | 109,889,203 |
| 1925 | 72,924,409 | 10,829,509 | 83,753,918 | 102,780,509 | 1,844,782 | 104,625,291 |
| 1926 | 76,262,624 | 10,254,565 | 86,517,189 | 98,260,941 | 1,884,079 | 100,145,020 |
| 1927 | 79,630,089 | 9,171,815 | 88,801,904 | 109,236,321 | 2,267,714 | 111,504,035 |
| 1928 | 77,762,940 | 10,361,293 | 88,124,233 | 116,956,090 | 2,523,745 | 119,479,835 |
| 1929 | 82,950,789 | 9,752,667 | 92,414,091 | 106,312,833 | 2,126,270 | 108,439,103 |
| 1930 | 81,726,404 | 9,399,645 | 91,126,049 | 98,923,737 | 1,992,046 | 100,915,783 |

[1] Average for years 1903, 1904, and 1905.

Source of Tables 553 and 554: Bureau of Foreign and Domestic Commerce.

## No. 555.—IMPORTS AND EXPORTS OF THE PHILIPPINE ISLANDS

| Yearly average—year ended— | Merchandise imports | | | Merchandise exports | | |
|---|---|---|---|---|---|---|
| | From United States [1] | From other countries | Total | To United States | To other countries | Total |
| June 30: | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* |
| 1901-1905 | 4,245,948 | 27,652,100 | 31,898,048 | 10,179,525 | 18,394,005 | 28,573,530 |
| 1906 | 4,333,893 | 21,465,373 | 25,799,266 | 11,579,411 | 20,337,723 | 31,917,134 |
| 1907 | 5,155,359 | 23,630,496 | 28,785,855 | 12,079,204 | 21,634,153 | 33,713,357 |
| 1908 | 5,079,487 | 25,838,870 | 30,918,357 | 10,323,233 | 22,493,334 | 32,816,567 |
| 1909 | 4,691,770 | 23,100,627 | 27,792,397 | 10,215,331 | 20,778,232 | 30,993,563 |
| 1910 | 10,775,301 | 26,292,329 | 37,067,630 | 18,741,771 | 21,122,398 | 39,864,169 |
| 1911 | 19,483,658 | 30,350,064 | 49,833,722 | 16,716,956 | 23,061,673 | 39,778,629 |
| 1912 | 20,604,155 | 33,945,825 | 54,549,980 | 21,517,777 | 28,802,059 | 50,319,836 |
| 1913 | 25,387,085 | 30,940,498 | 56,327,583 | 19,848,885 | 33,834,441 | 53,683,326 |
| 1914 | 28,571,821 | 27,439,749 | 56,011,570 | 22,047,105 | 29,190,943 | 51,238,048 |
| 1915 | 22,394,381 | 22,085,480 | 44,479,861 | 23,001,275 | 27,913,786 | 50,915,061 |
| 1916 | 23,804,367 | 22,169,258 | 45,973,625 | 28,638,526 | 32,825,505 | 61,464,031 |
| 1917 | 27,516,556 | 24,466,722 | 51,983,278 | 43,125,393 | 28,589,982 | 71,715,375 |
| 1918 | 49,799,229 | 33,964,061 | 83,763,290 | 77,010,233 | 39,604,378 | 116,614,611 |
| Dec. 31: | | | | | | |
| 1918 (6 months) | 31,949,240 | 21,671,502 | 53,620,742 | 50,920,499 | 24,518,860 | 75,439,359 |
| 1919 | 75,491,415 | 43,147,637 | 118,639,052 | 56,453,173 | 56,664,660 | 113,117,833 |
| 1920 | 92,289,778 | 57,148,505 | 149,838,283 | 105,216,263 | 45,907,593 | 151,123,856 |
| 1921 | 74,130,015 | 41,708,559 | 115,838,574 | 50,356,793 | 37,758,530 | 88,115,323 |
| 1922 | 47,738,326 | 32,459,319 | 80,197,645 | 64,111,601 | 31,471,697 | 95,583,298 |
| 1923 | 50,352,535 | 37,447,212 | 87,799,747 | 85,047,023 | 35,705,967 | 120,752,990 |
| 1924 | 60,399,380 | 47,611,515 | 108,010,895 | 97,313,903 | 38,030,760 | 135,344,663 |
| 1925 | 69,297,583 | 50,435,251 | 119,732,834 | 109,044,942 | 39,832,263 | 148,877,205 |
| 1926 | 71,575,618 | 47,723,374 | 119,298,992 | 100,003,215 | 36,881,105 | 136,884,320 |
| 1927 | 71,478,297 | 44,373,175 | 115,851,472 | 116,038,250 | 39,535,835 | 155,574,085 |
| 1928 | 83,858,068 | 50,798,830 | 134,656,898 | 115,585,876 | 39,468,670 | 155,054,546 |
| 1929 | 92,592,959 | 54,567,316 | 147,160,275 | 124,465,473 | 39,981,370 | 164,446,843 |
| 1930 | 78,183,028 | 44,909,926 | 123,092,954 | 105,342,061 | 27,825,067 | 133,167,128 |

[1] The discrepancy between the United States figures of exports to the Philippines prior to 1911 and the Philippine figures of imports from the United States in corresponding periods is due chiefly to the fact that the Philippine import figures prior to that year omit merchandise imported free of duty for the use of the Government or for use in construction and equipment of railways in the islands, under the act of Feb. 6, 1905, while the United States returns omit only Government supplies carried by Government vessels.

Sources: Reports of the War Department and Annual Report of the Insular Collector of Customs.

## No. 556.—IMPORTS AND EXPORTS OF AMERICAN SAMOA

| Year ended— | Merchandise imports | | | Merchandise exports | | |
|---|---|---|---|---|---|---|
| | From United States | From other countries | Total | To United States | To other countries | Total |
| June 30: | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* |
| 1916 | 100,507 | 17,787 | 118,294 | 62,062 | ..... | 62,062 |
| 1917 | 93,626 | 16,688 | 110,314 | 198,496 | ..... | 198,499 |
| 1918 | 94,334 | 51,565 | 145,899 | 118,520 | ..... | 118,520 |
| Dec. 31: | | | | | | |
| 1918 (6 months) | 66,409 | 46,033 | 112,442 | 136,071 | ..... | 136,071 |
| 1919 | 95,329 | 87,630 | 182,959 | 90,421 | ..... | 90,421 |
| 1920 | 126,185 | 99,110 | 225,295 | 98,213 | ..... | 98,213 |
| 1921 | 127,654 | 94,833 | 222,487 | 117,446 | ..... | 117,446 |
| 1922 | 96,317 | 100,586 | 196,586 | 98,216 | ..... | 98,216 |
| 1923 | 97,396 | 101,464 | 198,860 | 95,164 | ..... | 95,164 |
| 1924 | 91,309 | 103,053 | 194,362 | 102,895 | 47,385 | 150,280 |
| 1925 | 92,514 | 99,898 | 192,412 | 26,712 | 123,621 | 150,333 |
| 1926 | 231,052 | 87,088 | 318,140 | 78,033 | (1) | (1) |
| 1927 | 120,877 | 82,491 | 203,368 | 40,852 | (1) | (1) |
| 1928 | 106,260 | 98,490 | 204,750 | 179,068 | (1) | (1) |
| 1929 | 113,287 | 88,684 | 201,971 | 166,756 | (1) | (1) |
| 1930 | 142,393 | 63,667 | 206,060 | 140,422 | (1) | (1) |

[1] Not available.

Source: Returns to the Navy Department.

## No. 557.—IMPORTS AND EXPORTS OF THE VIRGIN ISLANDS

NOTE.—For 1910 to 1917, figures for trade with United States cover years ended June 30, for total trade years ended Mar. 31; thereafter, all figures cover calendar years

| Year (see headnote) | Merchandise imports | | | Merchandise exports | | |
|---|---|---|---|---|---|---|
| | From United States [1] | From other countries | Total | To United States | To other countries | Total |
| | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* |
| 1910 | 749,174 | | 1,296,774 | 403,926 | | 469,908 |
| 1911 | 810,537 | | 1,724,826 | 135,117 | | 543,526 |
| 1912 | 924,700 | | 1,683,072 | 489,639 | | 548,924 |
| 1913 | 894,087 | | 1,647,356 | 48,031 | | 282,152 |
| 1914 | 890,966 | | 1,712,103 | 29,374 | | 331,188 |
| 1915 | 703,354 | | 1,318,769 | 350,822 | | 378,859 |
| 1916 | 850,377 | | 1,222,509 | 63,496 | | 260,045 |
| 1917 | 1,438,904 | | (2) | 1,259,607 | | (2) |
| 1918 | 1,640,103 | 252,326 | 1,892,429 | 1,137,501 | 111,845 | 1,249,346 |
| 1919 | 1,804,117 | 472,395 | 2,276,512 | 1,593,120 | 326,405 | 1,919,525 |
| 1920 | 3,993,478 | 862,619 | 4,856,097 | 4,540,386 | 208,933 | 4,749,319 |
| 1921 | 2,622,396 | 416,354 | 3,038,750 | 734,674 | 149,061 | 883,735 |
| 1922 | 1,647,353 | 362,598 | 2,009,951 | 734,476 | 101,029 | 835,505 |
| 1923 | 1,617,625 | 323,142 | 1,940,767 | 414,609 | 99,433 | 514,042 |
| 1924 | 1,668,495 | 360,223 | 2,028,718 | 394,085 | 97,471 | 461,556 |
| 1925 | 1,915,277 | (2) | (2) | 1,020,748 | (2) | (2) |
| 1926 | 1,799,444 | (2) | (2) | 810,410 | (2) | (2) |
| 1927 | 2,053,340 | (2) | (2) | 968,463 | (2) | (2) |
| 1928 | 2,277,030 | (2) | (2) | 1,195,314 | (2) | (2) |
| 1929 | 2,298,269 | (2) | (2) | 603,323 | (2) | (2) |
| 1930 | 1,672,903 | (2) | (2) | 768,342 | (2) | (2) |

[1] United States customs area.
[2] Not available.

Sources: Total trade, 1910 to 1915, from Danish Yearbook; 1916, from "The Virgin Islands of the United States of America," by Luther K. Zabriski; all other figures from Bureau of Foreign and Domestic Commerce.

## No. 558.—IMPORTS AND EXPORTS OF GUAM

| Year ended— | Merchandise imports | | | Merchandise exports | | |
|---|---|---|---|---|---|---|
| | From United States | From other countries | Total | To United States | To other countries | Total |
| June 30: | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* |
| 1916 | 177,163 | 79,785 | 256,948 | 33,306 | 29,007 | 62,313 |
| 1917 | 114,301 | 172,351 | 286,652 | 46,972 | 33,363 | 80,435 |
| 1918 | 221,241 | 136,906 | 358,147 | 68,742 | 63,016 | 131,758 |
| Dec. 31: | | | | | | |
| 1918 (6 months) | 108,460 | 71,543 | 180,003 | 2,901 | 36,059 | 38,860 |
| 1919 | 308,465 | 138,716 | 447,181 | 49,222 | 15,330 | 64,552 |
| 1920 | 234,960 | 120,692 | 355,652 | 28,432 | 22,066 | 50,498 |
| 1921 | 304,111 | 179,573 | 483,684 | 15,566 | 24,776 | 40,342 |
| 1922 | 424,411 | 171,709 | 596,120 | 49,426 | 13,505 | 62,931 |
| 1923 | 456,824 | 217,732 | 674,556 | 77,109 | 16,977 | 94,086 |
| 1924 | 380,506 | 252,215 | 632,721 | 55,192 | 10,903 | 66,095 |
| 1925 | 324,619 | 261,216 | 585,835 | 89,219 | 10,735 | 99,954 |
| 1926 | 275,230 | 218,125 | 493,355 | 86,298 | 32,730 | 119,028 |
| 1927 | 208,660 | 195,617 | 404,277 | 112,863 | 41,408 | 154,271 |
| 1928 | 326,844 | 334,420 | 661,264 | 124,677 | 117,855 | 242,532 |
| 1929 | 290,980 | 521,835 | 812,815 | 54,688 | 293,681 | 348,369 |
| 1930 | 375,276 | 293,143 | 668,419 | 113,151 | 84,409 | 197,560 |

Source: Returns to the Navy Department.

## No. 559.—SHIPMENTS OF PRINCIPAL PRODUCTS TO THE UNITED STATES FROM ALASKA, HAWAII, PORTO RICO, AND THE PHILIPPINE ISLANDS

NOTE.—Totals include items not shown separately. For gold shipments from Alaska see Table 552

| Territory and product | Quantity | | | Value (thousands of dollars) | | | |
|---|---|---|---|---|---|---|---|
| | 1928 | 1929 | 1930 | 1927 | 1928 | 1929 | 1930 |
| ALASKA | | | | | | | |
| Animals ... number | 880 | 3,333 | 1,774 | 74 | 52 | 157 | 146 |
| Reindeer meat ... do | 1,318 | 1,384 | 1,566 | 120 | 123 | 110 | 106 |
| Fish ... 1,000 lbs | 333,058 | 291,978 | 274,025 | 34,165 | 51,315 | 44,299 | 34,891 |
| Halibut, fresh and frozen ... do | 13,195 | 14,050 | 11,580 | 2,283 | 1,686 | 1,909 | 1,402 |
| Salmon, fresh and frozen ... do | 5,959 | 6,085 | 6,350 | 675 | 733 | 818 | 757 |
| Canned salmon ... do | 286,982 | 253,167 | 239,208 | 27,223 | 45,549 | 38,558 | 30,084 |
| Cured or preserved fish ... do | 25,194 | 16,714 | 15,478 | 3,531 | 2,934 | 2,487 | 2,207 |
| Shellfish ... do | 1,004 | 1,346 | 1,409 | 398 | 360 | 467 | 441 |
| Other fish products: | | | | | | | |
| Meal ... tons[1] | 9,051 | 11,909 | 11,208 | 414 | 664 | 829 | 676 |
| Oil ... 1,000 galls | 2,569 | 3,407 | 3,608 | 856 | 1,073 | 1,380 | 979 |
| Furs and fur skins ... number | 342,482 | 422,495 | 464,110 | 4,266 | 3,890 | 5,237 | 3,147 |
| Whale oil ... 1,000 galls | 726 | 948 | 982 | 219 | 254 | 8,698 | 409 |
| Stone, including marble ... tons[1] | 33 | 143 | 200,847 | 120 | 123 | 110 | 106 |
| Wood, timber, and lumber ... M ft | 1,838 | 2,405 | 5,120 | 221 | 68 | 140 | 178 |
| Copper (ore, matte, regulus) ... 1,000 lbs | 45,350 | 43,899 | 37,775 | 183 | 133 | 178 | 140 |
| Lead (ore, matte, regulus) ... do | 2,106 | 2,592 | 2,390 | 88 | 154 | 141 | 158 |
| Total Alaskan products | | | | 49,269 | 65,505 | 61,764 | 46,467 |
| Articles produced in U. S. returned | | | | 1,821 | 1,950 | 1,585 | 1,510 |
| Total foreign merchandise | | | | 258 | 132 | 219 | 1,020 |
| **Total, all merchandise** | | | | 51,349 | 67,587 | 63,568 | 48,997 |
| HAWAII | | | | | | | |
| Coffee ... 1,000 lbs | 3,699 | 5,300 | 5,387 | 1,398 | 983 | 1,323 | 1,093 |
| Fruits | | | | 33,842 | 39,589 | 38,694 | 37,846 |
| Bananas ... bunches | 183,508 | 199,905 | 119,603 | 217 | 185 | 201 | 118 |
| Pineapples (canned) ... 1,000 lbs | 495,686 | 439,367 | 423,170 | 33,502 | 39,299 | 38,431 | 37,728 |
| Hides and skins ... do | 1,458 | 1,581 | 1,474 | 170 | 238 | 164 | 146 |
| Honey ... do | 1,680 | 1,795 | 868 | 65 | 95 | 100 | 44 |
| Molasses ... 1,000 galls | 21,486 | 28,370 | 30,059 | 570 | 901 | 1,016 | 1,330 |
| Sugar: | | | | | | | |
| Unrefined ... 1,000 lbs | 1,725,481 | 1,745,047 | 1,697,389 | 68,143 | 70,177 | 60,874 | 53,619 |
| Refined ... do | 31,885 | 19,809 | 34,185 | 1,685 | 1,859 | 1,041 | 1,615 |
| Total Hawaiian products | | | | 106,370 | 114,155 | 103,797 | 96,519 |
| Articles produced in U. S. returned | | | | 2,832 | 2,786 | 2,475 | 2,349 |
| Total foreign merchandise | | | | 35 | 15 | 42 | 55 |
| **Total, all merchandise** | | | | 109,236 | 116,956 | 106,313 | 98,924 |
| PORTO RICO | | | | | | | |
| Cotton: | | | | | | | |
| Unmanufactured ... pounds | 458,990 | 366,461 | 543,978 | 282 | 267 | 133 | 235 |
| Handkerchiefs ... 1,000 doz | 702 | 1,245 | 855 | 1,237 | 1,214 | 1,206 | 690 |
| Wearing apparel ... do | | 1,580 | 1,515 | 7,248 | 8,335 | 13,087 | 11,645 |
| Fruits | | | | 6,817 | 4,637 | 3,861 | 6,724 |
| Grapefruit, fresh ... boxes | 451,868 | 373,365 | 780,254 | 2,687 | 1,222 | 1,418 | 2,847 |
| Oranges, fresh ... do | 354,618 | 62,475 | 226,553 | 903 | 792 | 175 | 644 |
| Pineapples, fresh ... crates | 499,097 | 547,702 | 501,476 | 1,925 | 1,504 | 1,807 | 1,761 |
| Grapefruit, canned, etc ... 1,000 lbs | 10,129 | 1,798 | 13,223 | 1,168 | 944 | 160 | 1,103 |
| Pineapples, canned, etc ... do | 2,281 | 2,379 | 4,826 | 117 | 153 | 263 | 369 |
| Coconuts ... thousands | 19,430 | 3,440 | 7,681 | 652 | 547 | 124 | 242 |
| Hides and skins ... 1,000 lbs | 824 | 1,117 | 1,150 | 137 | 186 | 160 | 65 |
| Honey ... do | 1,265 | 666 | 1,129 | 88 | 84 | 45 | 60 |
| Manganese ore ... tons[1] | 1,523 | 2,316 | 2,536 | 42 | 57 | 84 | 85 |
| Alcohol, denatured ... galls | 754,315 | 1,050,488 | 948,692 | 311 | 268 | 431 | 378 |
| Sugar and molasses: | | | | | | | |
| Sugar ... 1,000 lbs | 1,348,894 | 1,014,783 | 1,618,464 | 55,337 | 58,574 | 36,494 | 57,391 |
| Molasses ... 1,000 galls | 23,700 | 15,854 | 22,480 | 767 | 878 | 838 | 1,789 |
| Tobacco: | | | | | | | |
| Leaf— | | | | | | | |
| Unstemmed ... 1,000 lbs | 1,639 | 2,496 | 396 | 2,953 | 443 | 1,046 | 233 |
| Stemmed ... do | 15,936 | 19,807 | 18,797 | 11,554 | 10,253 | 11,393 | 11,319 |
| Stems, scraps, etc ... do | 8,191 | 8,154 | 5,755 | 1,191 | 1,639 | 1,618 | 1,200 |
| Cigars and cheroots ... thousands | 153,590 | 144,967 | 157,877 | 3,936 | 3,824 | 3,219 | 3,944 |
| Cigarettes ... do | 5,368 | 4,730 | 17,767 | 52 | 44 | 40 | 95 |
| Total Porto Rican products | | | | 95,677 | 95,035 | 76,002 | 98,581 |
| Articles produced in U. S. returned | | | | 1,162 | 2,167 | 2,049 | 1,086 |
| Total foreign merchandise | | | | 64 | 67 | 75 | 213 |
| **Total, all merchandise** | | | | 96,902 | 97,269 | 78,127 | 99,880 |

[1] Of 2,240 pounds.

## No. 559.—Shipments of Principal Products to the United States from Alaska, Hawaii, Porto Rico, and the Philippine Islands—Continued

| Territory and product | Quantity | | | Value (thousands of dollars) | | | |
|---|---|---|---|---|---|---|---|
| | 1928 | 1929 | 1930 | 1927 | 1928 | 1929 | 1930 |
| PHILIPPINE ISLANDS | | | | | | | |
| Oil cake and meal (coconut)...1,000 lbs. | 22,743 | 21,960 | 17,588 | 432 | 355 | 377 | 231 |
| Coconut meat prepared...do... | 46,696 | 43,123 | 45,343 | 3,041 | 4,005 | 3,395 | 3,277 |
| Copra...do... | 371,889 | 310,194 | 336,555 | 15,113 | 16,548 | 13,154 | 12,493 |
| Coconut oil...do... | 290,637 | 411,936 | 317,919 | 22,900 | 23,061 | 29,552 | 19,901 |
| Rubber, crude...do... | 373 | 579 | 778 | 105 | 124 | 123 | 121 |
| Leaf tobacco...do... | 3,727 | 3,963 | 4,680 | 253 | 521 | 443 | 528 |
| Cigars and cheroots...do... | 2,574 | 2,073 | 1,901 | 4,142 | 4,190 | 3,341 | 2,997 |
| Cotton wearing apparel...do... | | | | 3,521 | 3,639 | 4,605 | 3,106 |
| Cordage...do... | 5,903 | 6,937 | 7,514 | 838 | 781 | 951 | 961 |
| Manila fiber...tons[1]... | 46,525 | 71,327 | 61,833 | 13,075 | 9,423 | 13,330 | 8,512 |
| Boards, planks, and deals...M ft... | 283 | | | 5 | 11 | | |
| Sawed cabinet woods...do... | 33,881 | 34,521 | 28,068 | 1,634 | 1,358 | 1,582 | 1,367 |
| Chair cane or reed...M lbs... | | | | | | | |
| Articles produced in U. S. returned... | | | | 284 | 356 | 366 | 499 |
| **Total, all merchandise...** | | | | 115,980 | 115,609 | 125,792 | 109,390 |

[1] Of 2,240 pounds.

Source: Bureau of Foreign and Domestic Commerce.

## No. 560.—SHIPMENTS OF MERCHANDISE FROM THE UNITED STATES TO ALASKA, HAWAII, PORTO RICO, AND THE PHILIPPINE ISLANDS: Values

NOTE.—Values in thousands of dollars. Totals include items not shown separately

| Commodity group or item | Alaska | | Hawaii | | Porto Rico | | Philippine Islands | |
|---|---|---|---|---|---|---|---|---|
| | 1929 | 1930 | 1929 | 1930 | 1929 | 1930 | 1929 | 1930 |
| **Total merchandise...** | 33,221 | 31,303 | 82,951 | 81,727 | 75,980 | 74,219 | 85,414 | 64,815 |
| **Animals and Animal Products...** | 4,585 | 4,425 | 7,222 | 7,157 | 11,514 | 10,193 | 7,593 | 6,439 |
| Meat products... | 1,946 | 1,945 | 2,171 | 2,170 | 3,636 | 3,421 | 516 | 381 |
| Eggs... | 580 | 573 | 587 | 594 | 68 | 38 | 3 | 3 |
| Milk, condensed, evaporated, etc... | 456 | 444 | 688 | 780 | 567 | 446 | 3,200 | 3,053 |
| Butter and cheese... | 837 | 748 | 933 | 863 | 474 | 484 | 131 | 122 |
| Fish... | 113 | 115 | 915 | 1,061 | 486 | 438 | 2,026 | 1,420 |
| Animal fats and oils, edible... | 100 | 98 | 177 | 151 | 2,936 | 2,327 | 34 | 31 |
| Boots and shoes... | 185 | 184 | 957 | 895 | 2,924 | 2,578 | 308 | 230 |
| Other leather manufactures... | 59 | 48 | 284 | 235 | 209 | 204 | 185 | 165 |
| **Vegetable Food Products and Beverages...** | 3,935 | 4,182 | 12,189 | 12,716 | 17,770 | 17,595 | 7,889 | 6,158 |
| Grains and preparations... | 795 | 756 | 5,000 | 5,293 | 10,908 | 11,460 | 4,825 | 3,730 |
| Rice... | 81 | 74 | 3,217 | 3,564 | 6,964 | 8,192 | 3 | 4 |
| Wheat flour... | 356 | 315 | 914 | 913 | 2,572 | 2,228 | 4,523 | 3,452 |
| Biscuits and crackers... | 166 | 174 | 124 | 129 | 479 | 423 | 177 | 152 |
| Vegetables... | 742 | 832 | 1,698 | 1,746 | 3,356 | 2,465 | 618 | 503 |
| Potatoes... | 146 | 184 | 322 | 366 | 659 | 487 | 29 | 12 |
| Canned vegetables... | 323 | 375 | 412 | 424 | 175 | 165 | 273 | 230 |
| Fruits... | 763 | 854 | 1,412 | 1,434 | 490 | 307 | 1,016 | 843 |
| Oranges... | 105 | 125 | 481 | 494 | | | 261 | 263 |
| Apples... | 86 | 95 | 195 | 215 | 69 | 48 | 257 | 159 |
| Canned and preserved fruits... | 315 | 357 | 331 | 332 | 261 | 148 | 192 | 151 |
| Coffee... | 391 | 367 | 206 | 146 | 883 | 1,670 | 374 | 293 |
| Sugar... | 298 | 361 | 200 | 265 | 14 | 12 | 90 | 69 |
| Confectionery... | 285 | 330 | 546 | 553 | 572 | 304 | 224 | 185 |
| Beverages and fruit juices... | 151 | 172 | 244 | 270 | 325 | 278 | 61 | 52 |
| **Vegetable Products, Inedible, Except Fibers and Wood...** | 1,281 | 1,352 | 4,916 | 4,983 | 4,668 | 5,913 | 6,872 | 5,662 |
| Rubber manufactures... | 424 | 344 | 1,971 | 1,884 | 1,364 | 1,274 | 3,326 | 2,307 |
| Boots and shoes [1]... | 216 | 175 | 104 | 114 | 484 | 397 | 1,171 | 246 |
| Automobile tires: | | | | | | | | |
| Casings... | 40 | 39 | 1,261 | 1,238 | 570 | 538 | 1,395 | 1,433 |
| Inner tubes... | 8 | 7 | 162 | 143 | 62 | 53 | 185 | 163 |
| Belting, hose, and packing... | 132 | 80 | 159 | 127 | 70 | 59 | 208 | 187 |
| Tobacco: | | | | | | | | |
| Leaf... | | | | | 872 | 2,133 | 391 | 169 |
| Cigars and cheroots... | 155 | 202 | 204 | 189 | 14 | 7 | | |
| Cigarettes... | 393 | 484 | 1,756 | 1,934 | 1,968 | 2,190 | 2,292 | 2,057 |
| Smoking... | 159 | 168 | 607 | 557 | 10 | 3 | 18 | 22 |

[1] Includes canvas shoes with rubber soles.

No. 560.—SHIPMENTS OF MERCHANDISE FROM THE UNITED STATES TO ALASKA, HAWAII, PORTO RICO, AND THE PHILIPPINE ISLANDS: VALUES—Continued

[Values in thousands of dollars]

| Commodity group or item | Alaska | | Hawaii | | Porto Rico | | Philippine Islands | |
|---|---|---|---|---|---|---|---|---|
| | 1929 | 1930 | 1929 | 1930 | 1929 | 1930 | 1929 | 1930 |
| **Textiles** | 2,901 | 2,691 | 6,992 | 6,401 | 14,419 | 15,306 | 14,617 | 8,944 |
| Sewing, crochet, and embroidery cotton | 4 | 9 | 112 | 107 | 366 | 337 | 677 | 709 |
| Cotton cloth | 115 | 89 | 1,349 | 1,307 | 6,664 | 7,425 | 10,124 | 5,445 |
| Cotton wearing apparel | 469 | 486 | 1,098 | 1,058 | 2,646 | 2,485 | 386 | 264 |
| Bags of jute | 98 | 65 | 206 | 240 | 281 | 325 | 37 | 43 |
| Cordage and twine (cotton, jute, and others) | 796 | 485 | 156 | 135 | 207 | 246 | 191 | 140 |
| Wool wearing apparel | 390 | 310 | 462 | 453 | 465 | 322 | 45 | 42 |
| Other wool manufactures | 112 | 81 | 432 | 377 | 232 | 141 | 95 | 47 |
| Silk manufactures | 128 | 118 | 923 | 752 | 628 | 541 | 680 | 494 |
| **Wood and Paper** | 1,988 | 1,654 | 6,988 | 6,130 | 4,453 | 3,595 | 2,320 | 1,920 |
| Logs and timber | 220 | 160 | 159 | 188 | 163 | 129 | 28 | 23 |
| Boards, planks, and deals | 473 | 413 | 1,940 | 1,541 | 1,847 | 907 | 128 | 56 |
| Box shooks | 508 | 131 | 594 | 338 | 188 | 395 | 33 | 70 |
| Cooperage shooks | 100 | 58 | 2 | 1 | 46 | 27 | 1 | ------ |
| Wood furniture | 100 | 113 | 756 | 517 | 563 | 525 | 40 | 23 |
| Paper and manufactures | 333 | 480 | 2,625 | 2,866 | 1,321 | 1,287 | 1,787 | 1,529 |
| **Nonmetallic Minerals** | 2,633 | 2,621 | 10,785 | 10,762 | 3,947 | 3,783 | 8,433 | 6,680 |
| Coal | 333 | 342 | 43 | 16 | 233 | 148 | ------ | ------ |
| Petroleum and products | 1,856 | 1,690 | 8,299 | 8,655 | 2,725 | 2,834 | 7,557 | 5,933 |
| Gasoline | 959 | 887 | 4,416 | 4,278 | 1,078 | 1,232 | 2,926 | 2,297 |
| Illuminating oil | 110 | 79 | 761 | 741 | 452 | 436 | 2,540 | 1,776 |
| Gas and fuel oil | 429 | 346 | 2,023 | 2,542 | 679 | 664 | 830 | 479 |
| Lubricating oil | 318 | 339 | 787 | 782 | 355 | 351 | 946 | 956 |
| **Metals and manufactures, except Machinery and Vehicles** | 8,801 | 7,927 | 11,026 | 11,855 | 5,015 | 4,052 | 11,407 | 8,940 |
| Iron and steel | 8,433 | 7,625 | 9,231 | 10,240 | 4,354 | 3,584 | 9,965 | 7,538 |
| Steel bars | 105 | 70 | 256 | 394 | 225 | 177 | 277 | 160 |
| Iron and steel plates | 16 | 19 | 69 | 50 | 30 | 22 | 103 | 76 |
| Galvanized sheets | 99 | 98 | 219 | 235 | 666 | 400 | 2,639 | 2,164 |
| Tin plates | 1,034 | 620 | 3,872 | 5,325 | 16 | 14 | 917 | 833 |
| Structural forms | 60 | 88 | 394 | 215 | 345 | 81 | 440 | 326 |
| Cast-iron pipe and fittings | 50 | 17 | 368 | 207 | 144 | 148 | 565 | 338 |
| Wire | 1,027 | 330 | 405 | 285 | 230 | 217 | 764 | 321 |
| Wire nails | 66 | 81 | 65 | 57 | 103 | 73 | 170 | 80 |
| Cutlery | 14 | 13 | 127 | 148 | 134 | 114 | 131 | 117 |
| Tin cans, finished or unfinished | 4,154 | 4,311 | 32 | 33 | 142 | 285 | (2) | 85 |
| Enameled iron and steel | 65 | 58 | 206 | 121 | 142 | 159 | 72 | 53 |
| Stoves, ranges, furnaces | 238 | 259 | 285 | 254 | 47 | 48 | 41 | 44 |
| Tools | 130 | 115 | 247 | 220 | 171 | 113 | 387 | 262 |
| Copper | 69 | 49 | 451 | 501 | 288 | 200 | 590 | 689 |
| **Machinery and Vehicles** | 4,339 | 4,049 | 12,034 | 10,833 | 5,365 | 4,906 | 15,545 | 11,628 |
| Engines | 613 | 443 | 816 | 408 | 191 | 297 | 1,249 | 648 |
| Electrical machinery and appliances | 687 | 705 | 2,254 | 2,443 | 918 | 955 | 2,045 | 2,527 |
| Agricultural machinery | 135 | 110 | 374 | 449 | 282 | 264 | 430 | 434 |
| Other machinery | 2,087 | 1,917 | 2,837 | 2,830 | 1,611 | 1,311 | 4,209 | 3,251 |
| Motor trucks and busses | 109 | 1,106 | 666 | 511 | 507 | 422 | 2,274 | 1,321 |
| Passenger automobiles | 299 | 317 | 3,760 | 2,854 | 1,289 | 1,110 | 2,381 | 2,020 |
| Automobile parts and accessories, except tires | 111 | 113 | 830 | 720 | 333 | 276 | 1,051 | 834 |
| **Chemicals and Related Products** | 1,316 | 1,170 | 5,902 | 6,123 | 6,078 | 6,399 | 6,002 | 4,500 |
| Chemicals | 549 | 435 | 1,317 | 1,316 | 1,412 | 1,460 | 1,575 | 1,554 |
| Medicinal and pharmaceutical preparations | 299 | 210 | 550 | 537 | 880 | 923 | 783 | 754 |
| Paints, pigments, and varnishes | 214 | 200 | 984 | 910 | 549 | 459 | 742 | 700 |
| Explosives, fuses, etc | 406 | 383 | 126 | 97 | 39 | 21 | 215 | 156 |
| Fertilizers | 3 | 2 | 2,284 | 2,522 | 2,450 | 2,887 | 2,021 | 799 |
| Soap | 115 | 126 | 749 | 773 | 1,311 | 1,265 | 988 | 831 |
| **Miscellaneous** | 1,442 | 1,233 | 4,897 | 4,768 | 2,753 | 2,477 | 4,737 | 3,935 |
| Motion-picture films | 121 | 88 | 65 | 164 | 39 | 74 | 81 | 62 |
| Musical instruments | 133 | 94 | 829 | 501 | 346 | 212 | 678 | 694 |
| Toys | 63 | 40 | 205 | 159 | 198 | 129 | 95 | 65 |
| Athletic and sporting goods | 45 | 31 | 216 | 206 | 29 | 22 | 149 | 140 |
| Books, pictures, and other printed matter | 306 | 317 | 1,201 | 1,246 | 382 | 368 | 1,254 | 1,100 |
| Household and personal effects | 150 | 168 | 328 | 328 | 224 | 212 | 124 | 109 |

[2] Less than $500.

Source: Bureau of Foreign and Domestic Commerce.

# 24.—IRRIGATION AND DRAINAGE

GENERAL NOTE.—Data in this section cover irrigation and drainage enterprises in continental United States. "Government irrigation" tables relate only to works of the Bureau of Reclamation or to lands served in whole or in part by works controlled by the bureau (for area so served, see Table 566). Tables 569 to 574 relate to irrigation enterprises of all sorts as reported to the Bureau of the Census.

## No. 561.—GOVERNMENT IRRIGATION PROJECTS: CONSOLIDATED FINANCIAL STATEMENT, JUNE 30, 1930

DEBIT SIDE

| | | | |
|---|---|---|---|
| Construction account, primary projects: | | | |
| Cost of irrigation works— | | | |
| Original construction | $181,423,888 | | |
| Supplemental construction | 11,717,228 | | |
| Value of works taken over | 2,056,623 | | |
| Total construction cost | | $195,197,739 | |
| Operation and maintenance prior to public notice (net) | 2,721,134 | | |
| Operation and maintenance deficits and arrearages and penalties on water-right charges funded with construction | 5,840,434 | | |
| | | 8,561,569 | |
| | | 203,759,308 | |
| Less— | | | |
| Abandoned works and nonreimbursable cost, etc., (net) | 15,578,856 | | |
| Construction revenues | 5,389,275 | | |
| Contributed funds | 1,428,906 | | |
| Nonreimbursable appropriation | 1,000,000 | | |
| | | 23,397,037 | |
| Balance repayable | | | $180,362,271 |
| Yuma auxiliary project: Cost of works less construction revenues | | | 885,025 |
| Secondary projects and general investigations: Cost of surveys and investigations less contributed funds | | | 2,519,106 |
| General office expense undistributed | | | 768,357 |
| Plant and equipment | | | 829,660 |
| Materials and supplies | | | 669,689 |
| Accounts receivable | | | 155,758,913 |
| Unadjusted debits; Disbursement vouchers in transit | | | 17,443 |
| Prepaid civil service retirement fund | | | 2,340 |
| Cash on hand and in special deposit and in transit | | | 5,411,279 |
| Total debits | | | 347,224,082 |

CREDIT SIDE

| | | | |
|---|---|---|---|
| Security for repayment of cost of irrigation works: | | | |
| Contracted construction repayments | | $190,735,560 | |
| Yuma auxiliary contracted repayments | | 607,571 | |
| | | | $191,343,131 |
| Current accounts payable | | | 1,496,052 |
| Deferred and contingent obligations | | | 670,957 |
| Reserves and undistributed profits | | | 7,103,709 |
| Unadjusted credits: Collection vouchers in transit | | | 227 |
| Undistributed clearing cost accounts | | | 11,549 |
| Operation and maintenance results, surplus | | | 342,888 |
| Government aid for reclamation of arid lands: | | | |
| Reclamation fund | | 148,736,142 | |
| Special funds— | | | |
| Increase of compensation | | 2,797,960 | |
| Judgments, Court of Claims | | 600,008 | |
| Rio Grande Dam | | 1,000,000 | |
| Wind River Indian (Riverton) | | 359,176 | |
| Drainage and cut-over lands | | 99,815 | |
| General investigations, 1923–Dec. 31, 1924 | | 266,353 | |
| Arid, semiarid, swamp, and cut-over timberlands | | 45,000 | |
| Columbia Basin irrigation project | | 25,000 | |
| Colorado River levee system | | 300,000 | |
| Advances to reclamation fund (bond loan) less amount repaid | | 10,000,000 | |
| Total | | 164,229,454 | |
| Less nonreimbursable appropriation, Rio Grande Dam | | 1,000,000 | |
| | | 163,229,454 | |
| Less impairment of funds— | | | |
| Abandoned construction works | $1,355,025 | | |
| Nonreimbursable cost | 566,853 | | |
| Operation and maintenance cost, uncollectible | 453,272 | | |
| Charge-offs, act of May 25, 1926 | 14,598,725 | | |
| | | 16,973,885 | |
| | | | 146,255,569 |
| Total credits | | | 347,224,082 |

Source: Bureau of Reclamation, Department of the Interior.

**No. 562.—GOVERNMENT IRRIGATION PROJECTS:** CONSTRUCTION COST, OTHER REIMBURSABLE COST, AND AMOUNT TO BE REPAID BY WATER USERS, TOTALS TO JUNE 30, 1930

| State and project | Construction cost | Operation and maintenance cost before public notice (net) | Operation and maintenance deficits and arrearages | Deductions: Construction revenues and contributed funds | Deductions: Abandoned works, non-reimbursable cost, etc. | Total to be repaid by water users |
|---|---|---|---|---|---|---|
| | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* |
| Totals | 195, 197, 739 | 2, 721, 134 | 5, 840, 435 | [1] 7, 818, 181 | 15, 578, 856 | 180, 362, 271 |
| Arizona: Salt River | 12, 744, 223 | 115, 994 | | 2, 312, 097 | [2] 382, 097 | 10, 166, 022 |
| Arizona-California: Yuma | 9, 352, 818 | 374, 028 | 2, 922 | 217, 158 | | 9, 512, 610 |
| California: Orland | 2, 394, 956 | [3] *12, 393* | | 26, 115 | | 2, 356, 448 |
| Colorado: | | | | | | |
| Grand Valley | 4, 781, 008 | 138, 621 | | 54, 719 | [4] 812, 375 | 4, 052, 535 |
| Uncompahgre | 6, 438, 177 | 302, 904 | 8, 239 | 24, 224 | [4] 1, 258, 323 | 5, 466, 773 |
| Idaho: | | | | | | |
| Boise | 14, 983, 346 | 422, 283 | 875, 739 | 74, 583 | [4] 82, 394 | 16, 124, 392 |
| King Hill | 1, 905, 319 | | 110, 123 | 28, 187 | [4] 497, 285 | 1, 489, 969 |
| Minidoka [5] | 14, 696, 675 | 321, 882 | 467, 841 | 1, 751, 387 | [4] 2, 288 | 13, 732, 723 |
| Minidoka Gooding | 1, 890, 818 | | | 1, 000 | | 1, 889, 818 |
| Kansas: Garden City | 342, 964 | 52, 868 | | 61, 357 | [6] 334, 475 | |
| Montana: | | | | | | |
| Huntley | 1, 562, 303 | [3] *1, 000* | 378, 926 | 18, 372 | [4] 62, 050 | 1, 859, 807 |
| Milk River | 6, 778, 917 | 437, 739 | 100, 394 | 86, 660 | [4] 1, 911, 189 | 5, 319, 201 |
| Sun River | 6, 951, 882 | 133, 461 | 80, 297 | 45, 959 | [4] 89, 320 | 7, 030, 362 |
| Montana-North Dakota: Lower Yellowstone | 3, 597, 134 | [3] *2, 580* | 901, 208 | 52, 432 | [4] 382, 254 | 4, 061, 076 |
| Nebraska-Wyoming: North Platte | 19, 158, 737 | 700, 116 | 1, 500, 181 | 261, 773 | [4] 30, 322 | 21, 066, 940 |
| Nevada: Newlands | 7, 956, 917 | [3] *2, 155* | 20, 405 | 52, 347 | [4] 4, 437, 820 | 3, 485, 000 |
| New Mexico: | | | | | | |
| Carlsbad | 1, 464, 523 | [3] *17, 752* | 1, 934 | 27, 159 | | 1, 421, 545 |
| Hondo | 339, 492 | 32, 952 | | 656 | [6] 371, 788 | |
| New Mexico-Texas: Rio Grande | 14, 895, 274 | [3] *297, 358* | | [1] 1, 386, 837 | [4] 296, 401 | 12, 914, 179 |
| North Dakota: | | | | | | |
| Buford-Trenton | 223, 423 | [3] *32* | | 1, 968 | [6] 221, 424 | |
| Williston | 517, 630 | [3] *165* | | 90, 126 | [6] 427, 339 | |
| Oregon: | | | | | | |
| Baker | 68, 335 | | | 5, 000 | | 63, 335 |
| Umatilla | 5, 137, 937 | | 230, 205 | 76, 386 | [4] 888, 341 | 4, 403, 416 |
| Vale | 2, 634, 472 | 2, 618 | | 5, 000 | | 2, 632, 089 |
| Oregon-California: Klamath | 5, 751, 764 | 75, 772 | 3, 712 | 360, 921 | [4] 7, 500 | 5, 462, 828 |
| Oregon-Idaho: Owyhee | 2, 527, 823 | | | 4, 355 | | 2, 523, 469 |
| South Dakota: Belle Fourche | 4, 190, 876 | [3] *1, 989* | 669, 943 | 17, 842 | [4] 379, 032 | 4, 461, 957 |
| Utah: | | | | | | |
| Salt Lake Basin | 2, 363, 024 | | | 45, 335 | | 2, 317, 689 |
| Strawberry Valley | 3, 507, 423 | 10, 744 | 71, 455 | 258, 379 | | 3, 331, 243 |
| Washington: | | | | | | |
| Okanogan | 1, 451, 729 | [3] *47, 767* | 25, 194 | 6, 631 | [4] 998, 327 | 424, 199 |
| Yakima | 14, 498, 988 | [3] *63, 953* | 83, 038 | 364, 965 | [4] 4, 215 | 14, 148, 888 |
| Yakima-Kittitas | 6, 572, 586 | [3] *6, 452* | | 3, 226 | | 6, 562, 908 |
| Wyoming: | | | | | | |
| Riverton | 3, 802, 624 | 26, 635 | | 14, 967 | | 3, 814, 292 |
| Shoshone | 9, 713, 622 | 26, 616 | 308, 679 | 80, 061 | [4] 1, 702, 299 | 8, 266, 557 |

[1] Includes nonreimbursable appropriation, $1,000,000.
[2] Nonreimbursable cost.
[3] Contra.
[4] Authorized charge-offs.
[5] Includes American Falls.
[6] Abandoned works.

Source: Bureau of Reclamation, Department of the Interior.

**No. 563—GOVERNMENT IRRIGATION PROJECTS:** OPERATION AND MAINTENANCE COST, AND RETURNS DURING 1929 (CALENDAR YEAR)

| State and project | Operation and maintenance cost | Operation and maintenance returns: Charges contracted | Penalties | Discounts (contra) | Miscellaneous revenues | Other credits [1] | Results: Excess (+ or) deficit (−) |
|---|---|---|---|---|---|---|---|
| | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* |
| Total | 1, 695, 074 | 1, 138, 599 | 10, 121 | 12, 995 | 72, 323 | 195, 670 | −291, 356 |
| Arizona: Yuma auxiliary | 24, 132 | 31, 281 | | | 1, 548 | | +8, 697 |
| Arizona-California: Yuma | 305, 909 | 278, 592 | 5, 235 | 6, 467 | 15, 834 | | −12, 714 |
| California: Orland | 35, 475 | 34, 998 | 267 | 1, 225 | 185 | | −1, 249 |
| Colorado: | | | | | | | |
| Grand Valley | 50, 584 | 62, 500 | | | 584 | | +12, 500 |
| Uncompahgre | 129, 245 | 259, 156 | [2] *2, 894* | | 2, 166 | | +129, 184 |

[1] Amounts to be repaid with construction and charge-offs under act of May 25, 1926. [2] Contra.

**No. 563.**—GOVERNMENT IRRIGATION PROJECTS: OPERATION AND MAINTENANCE COST AND RETURNS DURING 1929 (CALENDAR YEAR)—Continued

| State and project | Operation and maintenance cost | Operation and maintenance returns | | | | Other credits [1] | Results: Excess (+) or deficit (−) |
|---|---|---|---|---|---|---|---|
| | | Charges contracted | Penalties | Discounts (contra) | Miscellaneous revenues | | |
| | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* |
| Idaho: | | | | | | | |
| Boise | 33,201 | 34,948 | | | | 45 | +1,793 |
| Boise (drainage) | | [2] *121* | | | | | −121 |
| Minidoka | 95,237 | 92,743 | | | 2,324 | [2] *1,327* | −1,498 |
| Montana: | | | | | | | |
| Huntley | | 60 | | | [2] *10* | | +50 |
| Milk River | 43,221 | 35,449 | | 275 | 997 | 11,701 | +4,650 |
| Sun River | 13,345 | 531 | | | 12,796 | [2] *737* | −755 |
| Montana-North Dakota: Lower Yellowstone | 43,710 | 45,987 | | | 428 | | +2,705 |
| Nebraska-Wyoming: North Platte | 39,130 | 26,114 | | | 691 | [2] *2,562* | −14,887 |
| New Mexico: Carlsbad | 65,871 | 45,251 | 920 | 1,408 | 1,977 | | −19,132 |
| New Mexico-Texas: Rio Grande | 384,298 | 530 | 539 | | | | −383,230 |
| Oregon: Umatilla | 3,653 | [2] *6,720* | | | [2] *187* | 8,606 | −1,955 |
| Oregon-California: Klamath | 84,976 | 84,489 | 51 | | 27,508 | | +27,073 |
| South Dakota: Belle Fourche | 76,438 | 65,000 | | | 2,218 | | −9,220 |
| Washington: | | | | | | | |
| Okanogan | 237 | [2] *187,930* | | | | 181,472 | −6,695 |
| Yakima | 254,770 | 262,306 | 6,041 | 3,620 | 7,241 | [2] *849* | +16,849 |
| Wyoming: Shoshone | 11,643 | [2] *26,567* | [2] *38* | | [2] *3,976* | [1] *1,179* | −43,403 |

[1] Includes nonreinburseable appropriation, $1,000,000 [2] Contra.

**No. 564.**—**GOVERNMENT IRRIGATION PROJECTS**: OPERATION AND MAINTENANCE COST, RETURNS, AND NET RESULT, TOTALS TO DECEMBER 31, 1929

| State and project | Operation and maintenance cost | Operation and maintenance returns | | | | Other credits [1] | Results: Excess (+) or deficit (−) |
|---|---|---|---|---|---|---|---|
| | | Charges contracted | Penalties | Discounts (contra) | Miscellaneous revenues | | |
| | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* |
| **Total** | 31,557,654 | 24,548,021 | 469,095 | 349,489 | 1,617,630 | 5,745,062 | +472,666 |
| Arizona: Yuma auxiliary | 276,808 | 330,299 | 538 | 1,107 | 5,853 | | +58,775 |
| Arizona-California: Yuma | 4,052,076 | 4,141,930 | 94,856 | 52,929 | 174,784 | 2,922 | +309,488 |
| California: Orland | 419,974 | 448,561 | 1,514 | 19,440 | 2,880 | | +13,541 |
| Colorado: | | | | | | | |
| Grand Valley | 99,387 | 110,500 | | | 1,387 | | +12,500 |
| Uncompahgre | 939,397 | 1,069,020 | 11,236 | 11,603 | 18,412 | | +147,668 |
| Idaho: | | | | | | | |
| Boise | 2,262,273 | 1,602,481 | 31,158 | 46,526 | 111,045 | 601,070 | +36,955 |
| Boise (drainage) | 506,005 | 473,535 | 38,612 | 6,123 | | | +18 |
| King Hill | 156,734 | 60,711 | | 1,519 | 343 | 97,199 | |
| Minidoka | 2,103,519 | 1,731,392 | 29,463 | 22,342 | 101,572 | 266,733 | +3,300 |
| Montana: | | | | | | | |
| Huntley | 1,014,944 | 557,805 | 15,712 | 10,450 | 11,587 | [1] 440,339 | +50 |
| Milk River | 193,724 | 112,959 | | 1,365 | 4,590 | 100,304 | +22,853 |
| Sun River | 292,686 | 158,154 | 6,360 | 3,468 | 28,819 | [1] 102,670 | −152 |
| Montana-North Dakota: Lower Yellowstone | 1,220,278 | 260,065 | 3 | 5 | 130,259 | 861,460 | +31,504 |
| Nebraska-Wyoming: North Platte | 2,740,057 | 1,798,294 | 27,304 | 35,812 | 30,067 | 1,041,170 | +120,967 |
| Nevada: Newlands | 1,453,191 | 1,188,796 | 28,661 | 24,970 | 26,013 | [1] 227,168 | −7,523 |
| New Mexico: Carlsbad | 814,982 | 758,774 | 28,284 | 15,425 | 25,212 | 1,934 | −16,202 |
| New Mexico-Texas: Rio Grande | 2,706,866 | 2,245,776 | 8,528 | 4,486 | 49,058 | | −407,990 |
| North Dakota: | | | | | | | |
| Buford-Trenton | 74,781 | 2,317 | | | 10 | [1] 72,454 | |
| Williston | 904,662 | 34,043 | 46 | | 489,755 | [1] 380,819 | |
| Oregon: Umatilla | 687,648 | 365,449 | 7,698 | 3,314 | 39,819 | [1] 288,216 | +10,219 |
| Oregon-California: Klamath | 1,108,591 | 1,072,172 | 3,595 | 4,942 | 86,275 | 3,712 | +52,221 |
| South Dakota: Belle Fourche | 1,455,115 | 817,308 | 29,196 | 9,241 | 23,480 | [1] 689,801 | +95,430 |
| Utah: Strawberry Valley | 437,856 | 376,881 | 10,196 | 11,859 | 20,400 | 31,447 | −10,790 |
| Washington: | | | | | | | |
| Okanogan | 649,647 | 371,442 | 1,451 | 397 | 70,485 | [1] 205,666 | |
| Yakima | 4,076,086 | 3,920,664 | 81,070 | 51,113 | 123,905 | 74,699 | +73,139 |
| Wyoming: Shoshone | 910,368 | 538,692 | 13,615 | 11,053 | 41,619 | [1] 254,188 | −73,307 |

[1] Includes deficits uncollectible: Huntley, $81,354; Sun River, $34,148; Newlands, $211,292; Buford-Trenton, $72,454; Williston, $380,819; Umatilla, $91,083; Belle Fourche, $119,606; Okanogan, $181,472; Shoshone, $38,036; total, $1,210,264. Other data are amounts to be repaid with construction.

Source of Table 563 and 564, Bureau of Reclamation, Department of the Interior.

## No. 565.—GOVERNMENT IRRIGATION PROJECTS: VOUCHER TRANSACTIONS, ALL FUNDS, AND NET INVESTMENT

| State and project | Disbursements | | Collections [1] | | Net investment | |
|---|---|---|---|---|---|---|
| | During fiscal year 1930 | Total to June 30, 1930 | During fiscal year 1930 | Total to June 30, 1930 | During fiscal year 1930 | Total to June 30, 1930 |
| | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* | *Dollars* |
| Total | 10,980,133 | 251,448,509 | [2]6,042,237 | [2]92,573,183 | 4,937,896 | 158,875,326 |
| Arizona: | | | | | | |
| Salt River | | 14,671,593 | 298 | 9,686,843 | [3] *298* | 4,984,750 |
| Yuma auxiliary | 25,730 | 996,301 | 38,965 | 998,541 | [3] *13,235* | [4] *2,240* |
| Arizona-California: Yuma | 280,279 | 14,967,971 | 588,693 | 18,574,530 | [3] 308,414 | 6,393,441 |
| California: Orland | 103,800 | 2,979,332 | 100,349 | 1,310,585 | 3,451 | 1,668,747 |
| Colorado: | | | | | | |
| Grand Valley | 61,148 | 5,600,173 | 87,105 | 829,758 | [3] *25,957* | 4,770,415 |
| Uncompahgre | 125,991 | 9,034,729 | 238,778 | 2,853,911 | [3] *112,787* | 6,180,818 |
| Idaho: | | | | | | |
| Boise | 380,662 | 19,321,988 | 483,544 | 7,353,342 | [3] *102,882* | 11,968,646 |
| King Hill | 275 | 2,107,794 | 370 | 130,225 | [3] *95* | 1,977,569 |
| Minidoka [5] | 276,355 | 18,248,596 | 552,662 | 12,224,190 | [3] *276,307* | 6,024,406 |
| Minidoka-Gravity | 1,300,175 | 1,637,863 | 165,282 | 266,470 | 1,134,893 | 1,371,393 |
| Kansas: Garden City | | 390,496 | | 58,002 | | 332,494 |
| Montana: | | | | | | |
| Huntley | 147 | 2,602,456 | 33,853 | 1,203,682 | [3] *33,706* | 1,398,774 |
| Milk River | 56,122 | 7,805,398 | 48,328 | 639,724 | 7,794 | 7,165,674 |
| Sun River | 404,960 | 7,638,563 | 45,859 | 803,357 | 359,101 | 6,835,206 |
| Montana-North Dakota: Lower Yellowstone | 168,616 | 4,825,191 | 109,094 | 780,990 | 59,522 | 4,044,201 |
| Nebraska-Wyoming: North Platte | 85,758 | 23,333,642 | 515,119 | 6,490,991 | [3] *429,361* | 16,842,651 |
| Nevada: Newlands | 1,609 | 9,679,082 | 98,652 | 2,682,825 | [3] *97,043* | 6,996,257 |
| New Mexico: | | | | | | |
| Carlsbad | 58,893 | 2,351,886 | 116,142 | 1,733,259 | [3] *57,249* | 618,627 |
| Hondo | | 406,744 | | 34,957 | | 371,787 |
| New Mexico-Texas: Rio Grande | 507,143 | 19,523,474 | 1,069,973 | 7,023,368 | [3] *562,830* | 12,500,106 |
| North Dakota: | | | | | | |
| Buford-Trenton | | 311,175 | | 17,874 | | 293,301 |
| Williston | | 1,420,674 | 5,677 | 591,767 | [3] *5,677* | 828,907 |
| Oregon: | | | | | | |
| Baker | | 69,155 | | 5,879 | | 63,276 |
| Vale | 1,301,364 | 2,565,583 | 12,931 | 21,021 | 1,288,433 | 2,544,562 |
| Umatilla | 4,631 | 6,111,467 | 28,212 | 1,184,355 | [3] *23,581* | 4,927,112 |
| Oregon-California: Klamath | 340,904 | 7,128,455 | 281,380 | 2,678,024 | 59,584 | 4,450,431 |
| Oregon-Idaho: Owyhee | 855,410 | 2,469,556 | 7,818 | 14,169 | 847,592 | 2,455,387 |
| South Dakota: Belle Fourche | 359,661 | 5,651,476 | 102,028 | 1,521,169 | 257,633 | 4,130,307 |
| Utah: | | | | | | |
| Salt Lake Basin | 975,974 | 2,285,338 | 14,118 | 58,477 | 961,856 | 2,226,861 |
| Strawberry Valley | 2,368 | 4,335,243 | 101,183 | 2,166,204 | [3] *98,815* | 2,169,039 |
| Washington: | | | | | | |
| Okanogan | 562 | 2,143,847 | 10,426 | 699,956 | [3] *9,864* | 1,443,891 |
| Yakima | 347,321 | 19,215,401 | 855,624 | 11,105,550 | [3] *509,303* | 8,109,851 |
| Yakima-Kittitas | 1,763,970 | 6,626,108 | 33,565 | 70,619 | 1,730,405 | 6,555,489 |
| Wyoming: | | | | | | |
| Riverton | 466,580 | 4,318,008 | 20,416 | 158,898 | 446,164 | 4,169,110 |
| Shoshone | 147,748 | 10,852,053 | 148,389 | 2,134,648 | [3] *641* | 8,717,405 |
| Secondary | 238,301 | 2,652,491 | 105,980 | 877,647 | 132,321 | 1,774,844 |
| Denver office [6] | 68,085 | 282,604 | 8,765 | 194,106 | 59,320 | 88,498 |
| Field legal [6] | 14,565 | 25,950 | 372 | 8,247 | 14,193 | 17,703 |
| Washington office | 167,730 | 1,161,620 | 5,984 | 358,584 | 161,746 | 803,036 |
| Adjustment surveys, subsec. K | | 85,674 | | | | 85,674 |
| Economic investigations | 18,299 | 33,582 | | 9 | 18,299 | 33,573 |
| Examination and inspection of projects | 1,406 | 10,430 | 6,303 | 12,428 | [3] *4,897* | [4] *1,998* |
| Attendance at meetings | 875 | 1,727 | | | 875 | 1,727 |
| Contingent expenses, Int. Dept. | [3] *1,257* | 5,853 | | 70 | [3] *1,257* | 5,783 |
| Indian project [7] | | 2,997,829 | | 2,997,829 | | |
| Civil-service retirement fund [8] | | 2,340 | | | | 2,340 |
| Drainage and cut-over | | 100,544 | | | | 100,544 |
| General investigations | | 246,301 | | 26,103 | | 220,198 |
| Arid, semiarid, and swamp cut-over lands | 463 | 35,924 | | | 463 | 35,924 |
| Columbia Basin investigation | | 11,634 | | | | 11,634 |
| Colorado River front work and levee system | 67,450 | 167,195 | | | 67,450 | 167,195 |

[1] Collections creditable to increase of compensation; Rio Grande Dam appropriation and Wind River Indian (Riverton); drainage and cut-over; general investigations, Reclamation Service, 1923–Dec. 31, 1924; arid, semiarid, swamp, and cut-over timberland; Colorado River front work and levee system; and Columbia Basin, are included in the expenditure column as contra.

[2] Includes sales of reclamation townsites. [3] Contra. [4] Net credit.

[5] American Falls and Minidoka combined. [6] Net amounts not transferred to projects.

[7] Expended from reclamation fund and later reimbursed by congressional appropriation.

[8] Net; amounts transferred from reclamation fund, less amounts deducted from pay of employees.

Source: Bureau of Reclaamtion, Department of the Interior.

## No. 566.—GOVERNMENT IRRIGATION PROJECTS: ACREAGE IRRIGABLE, IRRIGATED, AND CROPPED, AND VALUE OF CROPS, BY PROJECTS, 1929 [1]

NOTE.—See general note, p. 623. "Other lands served by Government works" are those usually furnished with a partial water supply through private canals under Warren Act contracts

| State and project | Lands in projects proper | | | | Other lands served by Government works | | | |
|---|---|---|---|---|---|---|---|---|
| | Irrigable acreage [2] | Irrigated acreage | Cropped acreage | Crop value | Irrigable acreage | Irrigated acreage | Cropped acreage | Crop value |
| | | | | Dollars | | | | Dollars |
| **Grand total** | 1,922,330 | 1,483,900 | 1,512,250 | 88,459,390 | 1,480,040 | 1,234,230 | 1,192,990 | 72,720,490 |
| **Total with irrigation** | 1,922,330 | 1,483,900 | 1,420,070 | 87,550,670 | 1,480,040 | 1,234,230 | 1,192,990 | 72,720,490 |
| Arizona: Salt River | 245,660 | [3] 245,660 | 214,750 | 25,423,030 | 90,280 | 67,800 | 67,800 | 6,475,000 |
| Arizona-California: | | | | | | | | |
| Yuma | 64,430 | 55,695 | 54,065 | 4,369,560 | 230 | 210 | 150 | 35,255 |
| Valley division | 47,930 | 43,440 | 42,450 | 3,603,800 | | | | |
| Reservation division | 14,215 | 11,095 | 10,905 | 644,360 | | | | |
| Yuma auxiliary | 2,285 | 1,160 | 710 | 121,400 | | | | |
| California: Orland | 20,770 | 13,480 | 12,370 | 503,490 | | | | |
| Colorado: | | | | | | | | |
| Grand Valley | 30,380 | 15,160 | 15,435 | 634,985 | 18,400 | 13,800 | 13,400 | 1,891,000 |
| Uncompahgre | 75,655 | 60,520 | 60,380 | 2,212,710 | 1,650 | 1,550 | 1,545 | 61,800 |
| Idaho: | | | | | | | | |
| Boise | 171,550 | 164,770 | 150,180 | 5,389,330 | 139,020 | 131,500 | 128,400 | 5,046,500 |
| King Hill | 8,000 | 6,680 | 6,375 | 249,560 | | | | |
| Minidoka | 120,170 | 106,070 | 99,340 | 4,417,910 | 793,650 | 689,070 | 663,750 | 32,896,800 |
| Gravity division | 71,240 | 60,675 | 56,730 | 2,478,610 | | | | |
| Pumping division | 48,930 | 45,395 | 42,610 | 1,939,300 | | | | |
| Montana: | | | | | | | | |
| Huntley | 32,540 | 23,485 | 23,485 | 1,037,150 | | | | |
| Milk River | 134,285 | 40,260 | 38,330 | 975,160 | | | | |
| Sun River | 55,875 | 20,360 | [4] 27,700 | 426,920 | | | | |
| Fort Shaw division | 13,900 | 7,190 | 7,340 | 153,250 | | | | |
| Greenfields and Big Coulee division | 41,975 | 13,170 | 20,360 | 273,670 | | | | |
| Montana-North Dakota: | | | | | | | | |
| Lower Yellowstone | [5] 47,450 | 23,945 | 23,945 | 779,960 | | | | |
| Nebraska-Wyoming: | | | | | | | | |
| North Platte | 238,470 | 188,450 | 188,450 | 7,289,140 | 127,590 | 103,440 | 102,290 | 4,831,900 |
| Pathfinder irrigation district | 111,625 | 87,995 | 87,995 | 3,242,370 | | | | |
| Gering and Fort Laramie division | 55,075 | 49,240 | 49,240 | 2,364,940 | | | | |
| Goshen irrigation district | 55,595 | 39,830 | 39,830 | 1,432,110 | | | | |
| Northport division | 16,175 | 11,385 | 11,385 | 249,720 | | | | |
| Nevada: Newlands | 87,500 | 54,040 | 51,380 | 2,057,280 | | | | |
| New Mexico: Carlsbad | 25,055 | 24,335 | 24,220 | 1,847,500 | | | | |
| New Mexico-Texas: Rio Grande | 155,000 | 144,200 | 139,775 | 10,664,670 | 71,000 | 60,000 | 49,060 | 1,878,430 |
| Oregon: Umatilla | 18,730 | 11,340 | 11,020 | 286,400 | 605 | 540 | 435 | 20,825 |
| Oregon-California: | | | | | | | | |
| Klamath | 55,390 | 45,870 | 43,765 | 1,790,670 | 63,620 | 34,700 | 34,540 | 1,060,840 |
| Main division | 41,530 | 34,750 | 33,975 | 1,447,160 | | | | |
| Tule Lake division | 13,860 | 11,120 | 9,790 | 343,510 | | | | |
| South Dakota: Belle Fourche | [6] 61,620 | 36,195 | [4] 47,955 | 1,206,575 | | | | |
| Utah: Strawberry Valley | 41,030 | 40,000 | 38,495 | 1,305,440 | 7,275 | 7,230 | 7,230 | 207,110 |
| Washington: | | | | | | | | |
| Okanogan | 5,850 | 4,255 | 3,835 | 979,220 | | | | |
| Yakima | 133,280 | 114,665 | 101,675 | 12,431,920 | 166,720 | 124,390 | 124,390 | 18,315,030 |
| Sunnyside division | 102,480 | 87,565 | 79,075 | 7,947,570 | | | | |
| Tieton division | 30,800 | 27,100 | 22,600 | 4,484,350 | | | | |
| Wyoming: | | | | | | | | |
| Shoshone | 73,640 | 43,390 | 43,270 | 1,270,970 | | | | |
| Garland division | 41,650 | 33,130 | 33,130 | 1,092,330 | | | | |
| Frannie division | 20,060 | 8,070 | 8,030 | 160,340 | | | | |
| Willwood division | 11,930 | 2,190 | 2,110 | 18,300 | | | | |
| Riverton | 20,000 | 1,075 | 875 | 10,120 | | | | |
| **Total cropped without irrigation** | | | 92,180 | 899,720 | | | | |
| Milk River | | | 14,140 | 72,180 | | | | |
| Sun River | | | 6,310 | 59,120 | | | | |
| Lower Yellowstone | | | 11,970 | 109,980 | | | | |
| Klamath | | | 59,760 | 658,440 | | | | |

[1] Calendar year data, except on Salt River project, where data are for crop year beginning October, 1928.
[2] Area for which bureau was prepared to supply water.
[3] Includes 24,950 acres reported vacant, 2,414 of "home tracts" and 3,548 on which no crops were reported.
[4] Includes dry farmed tracts irrespective of the figures given below under "cropped without irrigation."
[5] Irrigable area of productive land; area to which bureau was prepared to supply water was 58,248 acres.
[6] Assessed area. Irrigable area, including land temporarily excluded from paying class, was 74,500 acres.

Source: Bureau of Reclamation, Department of Interior.

## No. 567.—GOVERNMENT IRRIGATION PROJECTS: ACREAGE, PRODUCTIONS, AND VALUE OF CROPS

[Acreage in thousands and value in thousands of dollars, except for individual crops]

| Year | Government projects proper | | | | Warren Act land | | | Entire area | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Irrigable acreage | Irrigated acreage | Cropped acreage [1] | Crop value [1] | Irrigated acreage | Cropped acreage | Crop value | Irrigated acreage | Cropped acreage | Crop value |
| 1916 | 1,405 | 923 | 858 | 32,816 | | | | 923 | 858 | 32,816 |
| 1917 | 1,502 | 1,058 | 967 | 56,462 | | | | 1,058 | 967 | 56,462 |
| 1918 | 1,602 | 1,142 | 1,051 | 66,821 | 501 | 482 | 35,000 | 1,643 | 1,533 | 101,821 |
| 1919 | 1,636 | 1,187 | 1,113 | 88,974 | 916 | 881 | 64,000 | 2,104 | 1,994 | 152,974 |
| 1920 | 1,662 | 1,224 | 1,154 | 66,172 | 982 | 951 | 47,506 | 2,205 | 2,105 | 113,678 |
| 1921 | 1,674 | 1,228 | 1,158 | 49,620 | 1,001 | 970 | 44,906 | 2,229 | 2,128 | 94,526 |
| 1922 | 1,693 | 1,202 | 1,169 | 50,361 | 983 | 951 | 33,241 | 2,185 | 2,120 | 83,602 |
| 1923 | 1,718 | 1,214 | 1,180 | 65,046 | 1,051 | 993 | 37,558 | 2,265 | 2,173 | 102,604 |
| 1924 | 1,806 | 1,291 | 1,217 | 66,489 | 931 | 890 | 43,238 | 2,222 | 2,106 | 109,726 |
| 1925 | 1,803 | 1,320 | 1,243 | 77,609 | 1,019 | 951 | 53,656 | 2,340 | 2,194 | 131,265 |
| 1926 | 1,845 | 1,411 | 1,362 | 60,665 | 1,097 | 950 | 49,750 | 2,508 | 2,311 | 110,415 |
| 1927 | 1,957 | 1,379 | 1,432 | 72,047 | 1,148 | 1,072 | 61,160 | 2,527 | 2,504 | 133,207 |
| 1928 | 1,883 | 1,442 | 1,489 | 81,078 | 1,235 | 1,192 | 62,495 | 2,677 | 2,681 | 143,573 |
| 1929 | 1,922 | 1,484 | 1,512 | 88,459 | 1,234 | 1,193 | 72,720 | 2,718 | 2,705 | 161,180 |
| 1930 | 1,993 | 1,505 | 1,551 | 65,007 | 1,218 | 1,186 | 53,207 | 2,723 | 2,737 | 118,214 |

### GOVERNMENT PROJECTS PROPER—INDIVIDUAL CROPS [1]

| Crop | Acreage cropped | | Production | | Crop value | | Yield per acre | |
|---|---|---|---|---|---|---|---|---|
| | 1929 | 1930 | 1929 | 1930 | 1929 | 1930 | 1929 | 1930 |
| | | | *Bushels* | *Bushels* | *Dollars* | *Dollars* | *Bushels* | *Bushels* |
| **Total, all crops** | 1,512,250 | 1,550,967 | | | 88,459,390 | 65,007,270 | | |
| **Cereals** | 319,290 | 323,650 | 9,654,010 | 9,879,190 | 7,236,744 | 5,182,487 | | |
| Barley | 78,920 | 83,285 | 2,713,374 | 2,883,129 | 1,590,882 | 1,257,431 | 34.4 | 34.6 |
| Corn | 46,012 | 54,653 | 1,254,496 | 1,635,595 | 1,029,613 | 1,142,677 | 27.3 | 29.9 |
| Oats | 45,417 | 45,401 | 1,709,249 | 1,654,161 | 699,962 | 457,871 | 37.6 | 36.4 |
| Rye | 4,781 | 5,110 | 66,855 | 92,440 | 79,721 | 50,268 | 14.0 | 18.1 |
| Wheat | 144,160 | 135,201 | 3,910,036 | 3,613,865 | 3,836,566 | 2,274,240 | 27.1 | 26.7 |
| **Other seeds** | 43,692 | 43,576 | 232,817 | 194,131 | 1,345,544 | 1,466,010 | | |
| Alfalfa seed | 20,601 | 22,456 | 136,328 | 93,141 | 774,103 | 870,562 | 6.6 | 4.2 |
| Clover seed | 19,702 | 14,841 | 70,502 | 59,207 | 502,194 | 537,084 | 3.6 | 4.0 |
| Flaxseed | 3,389 | 6,279 | 25,987 | 41,783 | 69,247 | 58,364 | 7.7 | 6.7 |
| | | | *Tons* | *Tons* | | | *Tons* | *Tons* |
| **Hay and forage** | 884,516 | 899,205 | 1,455,792 | 1,479,733 | 21,772,631 | 16,715,605 | | |
| Alfalfa hay | 467,176 | 452,526 | 1,303,946 | 1,312,415 | 17,094,227 | 11,940,274 | 2.8 | 2.9 |
| Clover hay | 25,089 | 15,996 | 22,564 | 23,045 | 191,088 | 150,256 | .9 | 1.4 |
| Other hay | 34,860 | 57,704 | 41,067 | 69,024 | 434,951 | 502,088 | 1.2 | 1.2 |
| Corn fodder | 4,852 | 9,792 | 13,714 | 61,156 | 110,143 | 383,629 | 2.8 | 6.3 |
| Other forage | 28,280 | 19,733 | 74,501 | [2] 14,133 | 643,877 | 294,917 | 2.6 | .7 |
| Pasture | 324,259 | 343,454 | | | 3,298,345 | 3,444,441 | | |
| | | | *Bushels* | *Bushels* | | | *Bushels* | *Bushels* |
| **Vegetables** | 126,598 | 131,312 | 9,854,312 | 14,382,293 | 19,925,976 | 11,957,525 | | |
| Beans | 21,050 | 28,932 | 390,067 | 778,071 | 1,221,415 | 1,290,178 | 18.5 | 26.9 |
| Onions | 2,865 | 2,762 | 1,023,360 | 954,430 | 286,337 | 918,788 | 357.2 | 345.5 |
| Potatoes, white | 46,964 | 55,752 | 8,302,196 | 12,556,237 | 7,733,673 | 4,822,241 | 176.8 | 225.6 |
| Potatoes, sweet | 1,027 | 884 | 138,689 | 93,555 | 230,161 | 128,691 | 135.0 | 105.7 |
| Truck | 54,692 | 42,982 | | | 10,454,390 | 4,797,627 | | |
| | | | *1,000 lbs.* | *1,000 lbs.* | | | *Pounds* | *Pounds* |
| **Fruits and nuts** | 53,641 | 67,473 | 413,983 | 717,786 | 12,108,685 | 10,048,950 | | |
| Apples | 24,269 | 24,174 | 238,610 | 332,916 | 6,285,626 | 3,950,158 | 9,832 | 13,800 |
| Peaches | 3,512 | 3,518 | 22,354 | 16,529 | 576,602 | 339,250 | 6,365 | 4,700 |
| Pears | 6,095 | 7,062 | 49,343 | 68,314 | 1,723,441 | 703,150 | 8,095 | 9,680 |
| Prunes | 2,686 | 2,469 | 18,668 | 18,590 | 192,450 | 184,305 | 6,950 | 7,530 |
| Citrus fruits | 8,323 | 4,949 | 51,374 | 63,768 | 1,765,245 | 1,561,015 | 6,172 | 12,870 |
| Small fruits | 3,055 | 3,388 | 17,820 | 24,268 | 821,861 | 784,859 | 5,834 | 7,160 |
| Miscellaneous | 5,701 | 21,913 | 15,813 | 193,400 | 743,460 | 2,526,213 | 2,774 | 8,820 |
| **Miscellaneous** | 409,496 | 319,042 | | | 26,069,810 | 19,636,693 | | |
| Cotton | 271,282 | 192,120 | 86,866 | 87,905 | 18,705,391 | 11,398,544 | 320.2 | 457.0 |
| Cottonseed | | | 158,662 | 157,848 | | | 584.8 | 821.1 |
| | | | *Tons* | *Tons* | | | *Tons* | *Tons* |
| Sugar beets | 84,183 | 79,897 | 956,719 | 1,043,847 | 6,850,733 | 7,575,664 | 11.3 | 13.1 |
| Cane | 1,069 | 47,025 | 2,862 | | 32,631 | 662,485 | 2.7 | |
| Other crops | 52,962 | | | | 481,055 | | | |
| **Duplication** | 324,983 | 233,291 | | | | | | |

[1] Figures include nonirrigated crops grown on projects (1929—acreage, 92,180; crop value, $899,720; 1930—acreage, 83,870 acres; crop value, $588,330).

[2] Data incomplete as in several cases acreage and value were reported but no tonnage.

Source: Bureau of Reclamation, Department of the Interior.

## No. 568.—GOVERNMENT IRRIGATION PROJECTS: SUMMARY OF CONSTRUCTION WORK

| Item | Fiscal year 1930 | To June 30, 1930 |
|---|---|---|
| Reservoir capacity available (original)..acre-feet.. | 88,565 | 12,970,528 |
| Canals, ditches, and drains, total length.....miles.. | 432.7 | 16,990.1 |
| Canals, total.....do.... | 180.5 | 13,278.3 |
| Second-feet capacity— | | |
| Over 800.....miles.. | 29.0 | 593.8 |
| 301 to 800.....do.... | 15.5 | 744.6 |
| 50 to 300.....do.... | 0 | 2,334.8 |
| Less than 50....do.... | 136.0 | 9,605.1 |
| Waste-water ditches.....miles.. | 12.5 | 1,096.5 |
| Drains, open.....do.... | 231.9 | 2,378.3 |
| Drains, closed.....do.... | 7.8 | 237.0 |
| Tunnels.....number.. | 2 | 124 |
| Length.....feet.. | 1,164 | 176,700 |
| Storage and diversion dams, total.....cubic yards.. | 819,954 | 22,212,529 |
| Masonry.....do.... | 137,499 | 2,951,239 |
| Earth.....do.... | 582,743 | 17,041,342 |
| Rock fill and crib..do.... | 99,712 | 2,219,948 |
| Dikes and levees: | | |
| Length.....feet.. | 27,110 | 1,312,801 |
| Volume.....cubic yards.. | 339,594 | 7,205,359 |
| Canal structures: | | |
| Concrete.....number.. | 3,271 | 60,119 |
| Wood.....do.... | 9,736 | 101,350 |
| Bridges.....do.... | 233 | 11,864 |
| Length.....feet.. | 5,151 | 282,600 |
| Culverts.....number.. | 632 | 14,675 |
| Length.....feet.. | 32,411 | 567,807 |
| Pipe, length.....do.... | 188,153 | 4,279,249 |
| Flumes.....number.. | 449 | 5,260 |
| Length.....feet.. | 18,282 | 871,304 |
| Canals, lined, length: | | |
| Concrete.....miles.. | 3.6 | 489.0 |
| Wood.....do.... | ..... | 4.1 |
| Buildings.....number.. | 86 | 1,766 |
| Wells.....do.... | 55 | 747 |
| Depth.....feet.. | 11,652 | 85,067 |
| Roads.....miles.. | 143.3 | 1,346.7 |
| Railroads.....do.... | 59 | 116.2 |
| Telephone lines.....do.... | 660.3 | 4,010.6 |
| Transmission lines...do.... | 1,148.7 | 3,204.7 |
| Power developed, water and steam....horsepower.. | 23,220 | 189,348 |
| Excavation, total .....cubic yards.. | 15,283,359 | 292,105,859 |
| Class 1, earth.....do.... | 12,988,133 | 261,353,745 |
| Class 2, indurated material.....cubic yards.. | 1,225,293 | 17,186,605 |
| Class 3, rock.....do.... | 1,069,933 | 13,565,509 |
| Riprap laid.....do.... | 42,463 | 2,565,250 |
| Paving laid..square yards.. | 888,541 | 1,968,869 |
| Concrete laid..cubic yards.. | 200,443 | 4,391,996 |
| Cement used.....barrels.. | 261,482 | 4,925,932 |
| Gunite.....square yards.. | 11,000 | 909,096 |

Source: Bureau of Reclamation, Department of the Interior.

## No. 569.—IRRIGATION: SUMMARY FOR THE UNITED STATES

NOTE.—See general note, p. 623. Tables 569 to 573 relate to systematic irrigation enterprises and do not cover small irrigation work by individual farmers. They are based on reports of the management of the enterprises. An enterprise is defined as "an independent irrigation establishment and includes the works for supplying water and the land for which water is supplied, except that the cost and value of the land is not included in the capital invested." Statistics cover all States which have irrigation enterprises

| Item | Census of— | | | Per cent increase 1920–1930 [1] |
|---|---|---|---|---|
| | 1910 | 1920 | 1930 [2] | |
| Number of all farms in 19 States included..... | 1,776,046 | 1,916,391 | 2,062,813 | 7.6 |
| Approximate land area of States included.....acres.. | 1,224,063,360 | 1,223,989,120 | 1,223,989,120 | ..... |
| All land in farms in States included.....do.... | 416,462,547 | 505,440,954 | 568,693,705 | 12.5 |
| Improved land in farms in States included.....do.... | 186,786,227 | 214,689,819 | [3] 266,297,309 | ..... |
| Number of farms irrigated..... | 162,723 | 231,541 | ..... | ..... |
| Area irrigated [4].....acres.. | 14,433,285 | 19,191,716 | 19,578,441 | 2.0 |
| Area enterprises were capable of irrigating.....do.... | 20,285,403 | 26,020,477 | 26,087,891 | .3 |
| Area included in enterprises.....do.... | 32,245,464 | 35,890,821 | 30,800,126 | −14.2 |
| Per cent irrigated: | | | | |
| Number of all farms..... | 9.2 | 12.1 | ..... | ..... |
| Approximate land area..... | 1.2 | 1.6 | 1.6 | ..... |
| Land in farms..... | 3.5 | 3.8 | 3.4 | ..... |
| Improved land in farms..... | 7.7 | 8.9 | ..... | ..... |
| Excess of area enterprises were capable of irrigating over area irrigated.....acres.. | 5,852,118 | 6,828,761 | 6,509,450 | −4.7 |
| Excess of area included in enterprises over area irrigated.....acres.. | 17,812,179 | 16,699,105 | 11,221,685 | −32.8 |
| Area of irrigated land reported as available for settlement.....acres.. | (5) | 2,257,981 | ..... | ..... |
| Capital invested.....dollars.. | 321,454,008 | 697,657,328 | ..... | ..... |
| Average per acre enterprises were capable of irrigating.....dollars.. | 15.85 | 26.81 | ..... | ..... |
| Estimated final cost of existing enterprises.....do.... | 437,948,825 | 819,778,005 | ..... | ..... |
| Average per acre included in enterprises....do.... | 13.58 | 22.84 | ..... | ..... |

[1] A minus sign (−) denotes decrease.
[2] Preliminary data not yet available for items for which figures are not shown.
[3] Crop land and plowable pasture which corresponds roughly to "improved land" at previous censuses.
[4] Figures are for 1909, 1919, and 1929, respectively.
[5] Not reported in 1910.

Source: Bureau of the Census, Department of Commerce.

## No. 570.—IRRIGATION: Acreage and Capital Invested, by Character of Enterprise, 1910 and 1920

Note.—See headnote, Table 569. 1930 Census data are not yet available

| Item and class | Area irrigated (acres) | | Area enterprises were capable of irrigating (acres) | | Area included in enterprises (acres) | | Capital invested (thousands of dollars), 1920 |
|---|---|---|---|---|---|---|---|
| | 1909 | 1919 | 1910 | 1920 | 1910 | 1920 | |
| **Total** | 14,433,285 | 19,191,716 | 20,285,403 | 26,020,477 | 32,245,464 | 35,890,821 | 697,657 |
| Individual and partnership | 6,594,614 | 6,848,807 | 8,086,766 | 9,255,756 | 10,621,067 | 13,008,415 | 154,634 |
| Cooperative | 4,643,539 | 6,581,400 | 6,191,577 | 8,403,298 | 8,830,197 | 10,628,543 | 183,042 |
| Irrigation district | 528,642 | 1,822,887 | 800,451 | 2,531,425 | 1,581,465 | 3,432,109 | 88,574 |
| Carey Act | 288,553 | 523,929 | 1,089,677 | 804,298 | 2,573,874 | 1,188,937 | 32,681 |
| Commercial | 1,809,379 | 1,822,001 | 2,954,166 | 2,799,563 | 5,786,777 | 3,999,581 | 85,735 |
| United States Reclamation Service | 395,646 | 1,254,569 | 786,190 | 1,680,643 | 1,973,016 | 2,627,176 | 129,510 |
| United States Indian Service | 172,912 | 284,551 | 376,576 | 484,486 | 879,068 | 932,985 | 14,851 |
| State | (1) | 5,620 | (1) | 7,379 | (1) | 9,581 | 344 |
| City | (1) | 40,146 | (1) | 44,458 | (1) | 49,650 | 2,937 |
| Other and mixed | (1) | 7,236 | (1) | 8,546 | (1) | 13,144 | 5,310 |
| Not reported | (1) | 570 | (1) | 625 | (1) | 700 | 40 |

[1] Not included in classification in 1910.

Source: Bureau of the Census, Department of Commerce.

## No. 571.—IRRIGATION: Acreage and Capital Invested, by Drainage Basins, 1902 and 1920

Note.—See headnote, Table 569. 1930 Census data are not yet available

| Drainage basin | Area irrigated (acres) | | Area enterprises were capable of irrigating, 1920 (acres) | Area included in enterprises in 1920 (acres) | Capital invested (thousands of dollars) | |
|---|---|---|---|---|---|---|
| | 1902 | 1919 | | | 1902 | 1920 |
| **Total** | 8,874,408 | 19,191,716 | 26,020,477 | 35,890,821 | 82,532 | 697,657 |
| Missouri River and tributaries | 2,533,237 | 4,147,278 | 5,805,630 | 8,483,171 | 16,176 | 131,553 |
| Mississippi River and tributaries other than Missouri River | 393,687 | 958,493 | 1,152,261 | 1,543,064 | 4,620 | 35,184 |
| Gulf of Mexico streams other than Mississippi River and Rio Grande | 21,833 | 698,077 | 1,157,529 | 1,602,169 | 501 | 29,440 |
| Rio Grande and tributaries | 496,587 | 1,293,863 | 1,887,433 | 2,594,127 | 6,367 | 34,173 |
| Independent streams in Rio Grande drainage basin | 8,355 | 18,992 | 26,852 | 34,026 | 127 | 651 |
| Colorado River and tributaries | 927,183 | 2,312,047 | 2,986,937 | 4,064,492 | 11,299 | 86,697 |
| White Water Draw and tributaries | 384 | 5,871 | 9,950 | 16,623 | 7 | 299 |
| Great Basin | 1,639,473 | 2,313,163 | 2,869,858 | 4,238,028 | 10,890 | 66,589 |
| Columbia River and tributaries | 1,297,437 | 3,873,245 | 4,968,518 | 6,336,801 | 10,851 | 145,672 |
| Pacific Ocean streams other than Columbia and Colorado Rivers | 1,556,232 | 3,570,687 | 5,155,509 | 6,978,320 | 21,694 | 167,398 |

Source: Bureau of the Census, Department of Commerce.

## No. 572.—IRRIGATION: Area in Irrigation Enterprises, 1910, 1920, and 1930, and Capital Invested, and Cost of Operation and Maintenance, 1910 and 1920, by States

Note.—See headnote, Table 569. Acreage figures for 1930 are preliminary and are subject to revision. Data for capital invested and cost for 1930 are not yet available

| State | Area included in enterprises (acres) | | | Area enterprises were capable of irrigating (acres) | | Area irrigated (acres) | | |
|---|---|---|---|---|---|---|---|---|
| | 1910 | 1920 | 1930 | 1920 | 1930 | 1909 | 1919 | 1929 |
| Total | 32,245,464 | 35,890,821 | 30,800,126 | 26,020,477 | 26,087,891 | 14,433,285 | 19,191,716 | 19,578,441 |
| Arizona | 944,090 | 813,153 | 1,087,412 | 627,303 | 825,886 | 320,051 | 467,565 | 577,263 |
| Arkansas | 52,883 | 246,480 | 245,217 | 179,013 | 209,470 | 27,758 | 143,946 | 151,305 |
| California | 5,490,360 | 7,805,207 | 8,050,871 | 5,894,466 | 6,751,789 | 2,664,104 | 4,219,040 | 4,731,632 |
| Colorado | 5,917,457 | 5,220,588 | 4,569,801 | 3,855,348 | 4,122,073 | 2,792,032 | 3,348,385 | 3,426,022 |
| Idaho | 3,549,573 | 3,780,048 | 2,785,201 | 3,092,810 | 2,588,865 | 1,430,848 | 2,488,806 | 2,152,176 |
| Kansas | 161,300 | 102,562 | 93,958 | 67,853 | 82,245 | 37,479 | 47,312 | 69,841 |
| Louisiana | 581,965 | 851,211 | 879,629 | 728,742 | 808,140 | 380,200 | 454,882 | 452,251 |
| Montana | 3,515,602 | 4,329,148 | 2,604,223 | 2,753,498 | 2,258,997 | 1,679,084 | 1,681,729 | 1,580,321 |
| Nebraska | 680,133 | 766,768 | 866,914 | 562,468 | 701,078 | 255,950 | 442,690 | 528,680 |
| Nevada | 1,232,142 | 1,382,036 | 982,460 | 704,708 | 735,342 | 701,833 | 561,447 | 487,241 |
| New Mexico | 1,102,297 | 961,879 | 760,524 | 696,119 | 672,967 | 461,718 | 538,377 | 551,420 |
| North Dakota | 38,173 | 57,476 | 24,069 | 34,235 | 23,465 | 10,248 | 12,072 | [3] 8,851 |
| Oklahoma | 8,528 | 11,742 | 1,969 | 9,672 | 1,968 | 4,388 | 2,969 | 890 |
| Oregon | 2,527,208 | 1,925,987 | 1,531,232 | 1,344,046 | 1,188,920 | 686,129 | 986,162 | 937,068 |
| South Dakota | 201,625 | 188,382 | 120,219 | 150,914 | 107,764 | 63,248 | 100,682 | 65,020 |
| Texas | 1,253,173 | 1,687,447 | 1,567,642 | 1,150,542 | 1,175,530 | 451,130 | 586,120 | 797,695 |
| Utah | 1,947,625 | 2,359,244 | 1,743,815 | 1,700,550 | 1,542,561 | 999,410 | 1,371,651 | 1,323,703 |
| Washington | 817,032 | 836,795 | 924,169 | 637,151 | 640,076 | 334,378 | 529,899 | 503,458 |
| Wyoming | 2,224,298 | 2,564,668 | 1,960,801 | 1,831,039 | 1,650,755 | 1,133,302 | 1,207,982 | 1,233,604 |

| State | Capital invested (dollars) | | | | Estimated final cost (dollars) | | | | Average cost of operation and maintenance per acre (dollars) [1,2] | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Amount | | Average per acre | | Amount | | Average per acre | | | |
| | 1910 | 1920 | 1910 | 1920 | 1910 | 1920 | 1910 | 1920 | 1909 | 1919 |
| Total | 321,454,008 | 697,657,328 | 15.85 | 26.81 | 437,948,825 | 819,778,005 | 13.58 | 22.84 | 1.07 | 2.43 |
| Arizona | 17,677,966 | 33,498,094 | 45.60 | 53.40 | 24,828,868 | 34,615,064 | 26.30 | 42.57 | 0.93 | 3.27 |
| Arkansas | 587,834 | 7,183,322 | 12.47 | 40.13 | 612,834 | 7,283,522 | 11.59 | 29.55 | ([3]) | 13.67 |
| California | 72,580,030 | 194,886,388 | 20.05 | 33.06 | 84,392,344 | 225,799,123 | 15.37 | 28.93 | 1.54 | 4.40 |
| Colorado | 56,636,443 | 88,302,442 | 14.19 | 22.90 | 76,443,239 | 95,198,423 | 12.92 | 18.24 | .75 | .87 |
| Idaho | 40,977,688 | 91,501,009 | 17.15 | 29.59 | 58,451,106 | 97,019,717 | 16.47 | 25.67 | .63 | 1.17 |
| Kansas | 1,365,563 | 2,067,381 | 9.75 | 30.47 | 1,365,563 | 2,195,981 | 8.47 | 21.41 | 1.59 | 3.29 |
| Louisiana | 6,859,166 | 14,063,181 | 12.40 | 19.30 | 6,914,166 | 14,264,178 | 11.88 | 16.76 | ([3]) | 7.01 |
| Montana | 22,970,958 | 52,143,363 | 10.42 | 18.94 | 32,382,077 | 70,079,028 | 9.21 | 16.19 | .89 | 1.26 |
| Nebraska | 7,798,310 | 13,909,185 | 18.17 | 24.73 | 9,485,231 | 18,030,154 | 13.95 | 23.51 | 1.09 | 1.48 |
| Nevada | 6,721,924 | 14,754,280 | 7.99 | 20.94 | 12,188,756 | 22,648,747 | 9.89 | 16.39 | .97 | .79 |
| New Mexico | 9,154,897 | 18,210,412 | 14.19 | 26.16 | 11,640,091 | 20,440,646 | 10.56 | 21.25 | 1.36 | 2.41 |
| North Dakota | 836,482 | 1,857,118 | 38.17 | 54.25 | 836,482 | 2,072,766 | 21.91 | 36.06 | 28.40 | 5.50 |
| Oklahoma | 47,200 | 151,325 | 7.38 | 15.65 | 47,200 | 162,775 | 5.53 | 13.86 | .51 | 2.92 |
| Oregon | 12,760,214 | 28,929,151 | 15.36 | 21.52 | 39,216,619 | 41,585,742 | 15.52 | 21.59 | .75 | 1.19 |
| South Dakota | 3,043,140 | 5,465,248 | 23.69 | 36.21 | 3,800,556 | 5,500,748 | 18.85 | 29.20 | .64 | 1.26 |
| Texas | 13,487,347 | 35,072,739 | 19.52 | 30.48 | 14,754,172 | 39,860,871 | 11.77 | 23.62 | 3.25 | 6.92 |
| Utah | 14,028,717 | 32,037,351 | 11.22 | 18.84 | 17,840,775 | 33,835,641 | 9.16 | 14.34 | .65 | 1.08 |
| Washington | 16,219,149 | 29,299,011 | 34.47 | 45.98 | 22,322,856 | 37,684,591 | 27.32 | 45.03 | 3.08 | 1.45 |
| Wyoming | 17,700,980 | 34,326,328 | 10.80 | 18.75 | 20,425,890 | 51,500,288 | 9.18 | 20.08 | .86 | 3.04 |

[1] Figures for 1909 do not include cost of operation and maintenance for rice-growing districts in Gulf States; consequently, figures for 1909 and 1919 are not comparable.
[2] When water is pumped, cost of operation and maintenance includes cost of fuel and attendance.
[3] Not reported in 1909.

Source: Bureau of the Census, Department of Commerce.

## No. 573.—IRRIGATION: Crops Grown on Irrigated Land, 1919

Note.—See headnotes, Tables 569 and 574. The figures given are probably incomplete but are fairly indicative of the relative importance of different crops on irrigated land and of the average yields and values per acre. For comparison the average yields per acre on nonirrigated land *in the States having irrigation projects* (not for the entire country) are shown. 1930 census data are not yet available

| Crop | Area harvested (acres) | Quantity harvested | | Average yield per acre in States having irrigation enterprises | | Value (dollars) | |
|---|---|---|---|---|---|---|---|
| | | Unit | Amount | On irrigated land | On nonirrigated land | Amount | Average per acre |
| **Cereals:** | | | | | | | |
| Corn | 263,312 | Bushel | 7,525,354 | 28.6 | 21.8 | 11,692,813 | 44.41 |
| Oats | 325,523 | do | 9,361,125 | 28.8 | 26.5 | 9,534,495 | 29.29 |
| Winter wheat | 381,127 | do | 7,115,303 | 18.7 | 14.1 | 15,269,840 | 40.06 |
| Spring wheat | 877,411 | do | 17,679,328 | 20.1 | 7.6 | 37,556,853 | 42.80 |
| Barley | 280,287 | do | 7,202,430 | 25.7 | 17.3 | 10,775,076 | 38.44 |
| Rye | 19,014 | do | 168,977 | 8.9 | 7.4 | 295,987 | 15.57 |
| Kafir, milo, etc | 152,768 | do | 4,100,338 | 26.8 | 19.6 | 6,725,561 | 44.02 |
| Rice (rough) [1] | 892,761 | do | 35,032,275 | 39.2 | 4.1 | 96,368,090 | 107.94 |
| **Other grains and seeds:** | | | | | | | |
| Clover and alfalfa seed [2] | 39,431 | do | 161,587 | 4.1 | 1.4 | 3,461,762 | 87.79 |
| Dry beans, navy, etc | 177,752 | do | 2,862,567 | 16.1 | 10.3 | 12,986,298 | 73.06 |
| Dry peas, Canada | 51,464 | do | 637,560 | 12.4 | 10.0 | 2,042,455 | 39.69 |
| **Hay and forage:** | | | | | | | |
| Timothy alone | 140,607 | Ton | 178,112 | 1.27 | 1.09 | 4,582,905 | 32.59 |
| Timothy and clover mixed | 392,260 | do | 569,591 | 1.45 | 1.50 | 13,782,635 | 35.14 |
| Clover alone | 40,879 | do | 63,465 | 1.55 | 1.56 | 1,334,600 | 32.65 |
| Alfalfa | 3,151,675 | do | 8,430,766 | 2.68 | 1.84 | 186,391,209 | 59.14 |
| Other tame grasses | 254,313 | do | 316,803 | 1.25 | 1.32 | 6,473,377 | 25.45 |
| Wild, salt, or prairie grasses | 1,034,507 | do | 951,345 | .92 | .82 | 17,954,630 | 17.36 |
| Small grains cut for hay | 291,697 | do | 372,739 | 1.28 | .92 | 8,448,901 | 28.96 |
| Annual legumes cut for hay | 19,851 | do | 28,334 | 1.43 | 1.20 | 494,052 | 24.89 |
| Silage crops | 56,424 | do | 388,830 | 6.89 | 4.54 | 3,831,525 | 67.91 |
| Corn cut for forage | 36,689 | do | 87,389 | 2.38 | 1.51 | 1,121,730 | 30.57 |
| Kafir, sorghum, etc., for forage | 51,981 | do | 106,035 | 2.04 | 1.68 | 1,614,325 | 31.06 |
| Root crops for forage | 2,631 | do | 19,543 | 7.43 | 11.11 | 340,329 | 129.35 |
| **Vegetables:** | | | | | | | |
| Potatoes | 154,194 | Bushel | 22,978,739 | 149.0 | 64.9 | 50,778,993 | 329.32 |
| Cantaloupes and muskmelons | 20,874 | | | | | 3,853,037 | 184.59 |
| Tomatoes | 20,649 | | | | | 2,701,968 | 130.85 |
| **Orchard fruits:** | | | | | | | |
| Grapes | [3] 73,675,084 | Pound | 1,131,279,429 | [4] 15.4 | [4] 11.3 | 36,304,252 | |
| Apples | [5] 9,085,326 | Bushel | 22,406,306 | [6] 2.5 | [6] 1.7 | 24,566,584 | |
| Peaches | [5] 7,062,692 | do | 13,224,500 | [6] 1.9 | [6] 1.2 | 24,670,264 | |
| Pears | [5] 1,849,429 | do | 3,479,806 | [6] 1.9 | [6] 1.4 | 4,695,848 | |
| Plums and prunes | [5] 4,306,976 | do | 7,074,240 | [6] 1.6 | [6] 1.0 | 15,188,490 | |
| Cherries | [5] 667,907 | do | 578,354 | [6] .9 | [6] .6 | 2,139,891 | |
| **Subtropical fruits:** | | | | | | | |
| Oranges | [5] 8,711,152 | Box | 18,774,366 | [6] 2.2 | [6] 1.8 | 58,244,422 | |
| Lemons | [5] 2,299,716 | do | 5,776,149 | [6] 2.5 | [6] 1.3 | 16,750,832 | |
| **Miscellaneous:** | | | | | | | |
| Sugar beets grown for sugar | 377,655 | Ton | 3,567,522 | 9.45 | 8.38 | 38,831,339 | 102.82 |
| Cotton | 214,576 | Bale | 113,862 | .53 | .28 | 30,457,881 | 141.94 |

[1] Quantity harvested and value given for irrigated land were not tabulated separately. The totals given include small amounts of rice grown without irrigation.
[2] Not including red-clover seed.
[3] Number of vines of bearing age.
[4] Yield per vine.
[5] Number of trees of bearing age.
[6] Yield per tree.

Source: Bureau of the Census, Department of Commerce.

## No. 574.—IRRIGATION: ACREAGE AND VALUE OF CROPS GROWN ON IRRIGATED LAND, 1919

NOTE.—The data in this table are from schedules of individual farmers and not from the managements of irrigation enterprises, as in the case of Table 573. It is believed that the returns are incomplete, some crops actually grown on irrigated land not having been distinguished as such. In the tabulation for each State crops of which the aggregate area in the State was reported as less than 500 acres were omitted, but these form such a small part of the total as to be negligible

| State | Acreage | Value (dollars) | | State | Acreage | Value (dollars) | |
|---|---|---|---|---|---|---|---|
| | | Amount | Average per acre | | | Amount | Average per acre |
| **Total** | **10,482,653** | **801,005,326** | **76.41** | Nevada | 331,177 | 12,390,593 | 37.41 |
| Arizona | 333,616 | 34,190,780 | 102.49 | New Mexico | 233,893 | 11,400,144 | 48.74 |
| Arkansas | 143,946 | 18,352,240 | 127.49 | North Dakota | 25,280 | 267,148 | 10.57 |
| California | 2,329,052 | 319,208,503 | 137.06 | Oklahoma | (1) | | |
| Colorado | 1,946,676 | 100,215,136 | 51.48 | Oregon | 274,584 | 12,294,191 | 44.77 |
| Idaho | 1,203,270 | 76,830,746 | 63.85 | South Dakota | 67,021 | 2,403,548 | 35.86 |
| Kansas | 28,502 | 842,161 | 29.55 | Texas | 295,353 | 22,343,976 | 75.65 |
| Louisiana | 454,882 | 42,735,849 | 93.95 | Utah | 843,219 | 50,114,342 | 59.43 |
| Montana | 867,226 | 30,382,674 | 35.03 | Washington | 395,196 | 39,801,619 | 100.71 |
| Nebraska | 199,815 | 11,547,679 | 57.79 | Wyoming | 509,945 | 15,683,997 | 30.76 |

[1] No one crop reported with as much as 500 acres.

Source: Bureau of the Census, Department of Commerce.

## No. 575.—DRAINAGE OF FARM LANDS AND DRAINAGE OF OPERATING ENTERPRISES IN THE UNITED STATES

NOTE.—The statistics of drainage on farms in the first part of this table and the statistics of drainage enterprises in the second part are from wholly different sources and are not comparable. The former are from schedules of individual farmers and the latter from a special canvass of organized drainage enterprises. The farm may have artificial drainage without being connected with any general enterprise. Conversely, a general enterprise may facilitate the ultimate removal of water from a farm which has itself no artificial drainage. The statements of farmers as to additional land needing drainage are likely to be less precise than those as to area actually drained artificially. Drainage enterprises comprise public corporations and local improvement districts established under State laws relating to drainage, commercial enterprises draining land for sale, other organizations engaged in extensive land drainage work, and tracts of 500 acres or more drained by individual farm owners. The enterprises in some States include considerable areas of timber and other unimproved land not in farms. The canvass of drainage enterprises did not include any of the northeastern States, and no enterprises were found in Alabama, or West Virginia and in 1919, in Virginia

DRAINAGE ON FARMS, CENSUS OF 1920 [1]

| Item | Amount | Per cent of total |
|---|---|---|
| Number of all farms in the United States | 6,448,343 | 100.0 |
| Farms reporting land having drainage | 924,815 | 14.3 |
| Farms reporting land needing drainage | 956,095 | 14.8 |
| Farms reporting both land provided with drainage and land needing drainage | 402,623 | 6.2 |
| All land in farms ... acres | 955,883,715 | 100.0 |
| Improved land in farms ... acres | 503,073,007 | 52.5 |
| Farm land reported as provided with drainage ... acres | 53,024,975 | 5.1 |
| Farm land reported as needing drainage ... acres | 39,169,639 | 4.6 |

DRAINAGE ENTERPRISES [2]

| Item | 1919 | 1929 [3] |
|---|---|---|
| Approximate land area of States included ... acres | 1,717,932,160 | 1,743,699,840 |
| Land in operating drainage enterprises ... acres | 65,495,038 | 84,815,500 |
| Unfit for crop for lack of drainage | | 7,651,249 |
| Drained, fit for normal crop | | 66,386,518 |
| Partly drained, fit for partial crop | | 10,777,733 |
| Land in occupied farms: | | |
| Total land | | 69,105,453 |
| Land planted | | 55,107,483 |
| Capital invested in enterprises ... dollars | 372,273,567 | 682,562,441 |
| Drainage works: | | |
| Open ditches ... miles | 107,468 | 130,457 |
| Levees and dikes ... do | 3,520 | 7,612 |
| Tile drains ... do | 42,312 | 60,231 |

[1] Returns from the 1930 census are not yet available.
[2] Data cover 34 States in 1919, 35 in 1929, see Table 578.
[3] Preliminary figures subject to correction.

Source: Bureau of the Census, Department of Commerce.

## No. 576.—DRAINAGE ENTERPRISES CLASSIFIED BY CHARACTER OF ORGANIZATION: 1920

NOTE.—See headnote, Table 575. 1930 census data are not yet available

| Character of enterprise | Operating enterprises | | | Nonoperating enterprises | | |
|---|---|---|---|---|---|---|
| | Land in enterprises (acres) [1] | Capital (dollars) | | Land in enterprises (acres) [1] | Capital (dollars) | |
| | | Invested to Dec. 31, 1919 | Additional required to complete | | Invested to Dec. 31, 1919 | Additional required to complete |
| **Total** | **65, 495, 038** | **372, 273, 567** | **62, 321, 412** | **3, 924, 821** | **1, 123, 458** | **34, 937, 678** |
| Drainage districts | 22, 069, 597 | 172, 013, 972 | 39, 136, 568 | 3, 260, 104 | 772, 834 | 26, 339, 970 |
| General State laws | 20, 239, 956 | 147, 511, 259 | 24, 593, 523 | 2, 667, 056 | 752, 830 | 25, 073, 970 |
| Special acts | 1, 829, 641 | 24, 502, 713 | 14, 543, 045 | 593, 048 | 20, 004 | 1, 266, 000 |
| County drains | 37, 870, 803 | 169, 743, 093 | 9, 682, 477 | 596, 694 | 302, 224 | 8, 139, 808 |
| Township drains | 195, 133 | 574, 963 | 4, 500 | 423 | ---------- | 2, 400 |
| State drainage projects | 1, 422, 844 | 6, 845, 429 | 6, 434, 440 | ---------- | ---------- | ---------- |
| United States Reclamation Service | 287, 899 | 3, 912, 370 | 2, 530, 243 | 7, 000 | ---------- | 150, 000 |
| Irrigation districts | 175, 200 | 1, 459, 714 | 2, 553, 829 | ---------- | ---------- | ---------- |
| Commercial developments | 212, 421 | 3, 279, 829 | 1, 128, 000 | 50, 000 | 45, 000 | 150, 000 |
| Individual ownership | 432, 397 | 6, 449, 252 | 841, 750 | 10, 000 | 3, 400 | 155, 500 |
| Character not precisely reported [2] | 2, 828, 744 | 7, 994, 945 | 9, 605 | ---------- | ---------- | ---------- |

[1] Before tabulation the area in each enterprise was reduced by the amount of overlapping with enterprises organized previously.
[2] All except 35,062 acres and $218,951 invested to Dec. 31, 1919, relate to either drainage districts or county drains in Indiana.

Source: Bureau of the Census, Department of Commerce.

## No. 577.—DRAINAGE OF OPERATING ENTERPRISES CLASSIFIED BY DATE OF ORGANIZATION: 1920

NOTE.—See headnote, Table 575. 1930 census data are not yet available

| Date of organization | Land | | Capital (dollars) | | Cost per acre assessed acreage (dollars) |
|---|---|---|---|---|---|
| | Area in enterprises (acres) [1] | Assessed acreage [2] | Invested to Dec. 31, 1919 | Additional required to complete | |
| Total | 65, 495, 038 | 95, 629, 291 | 372, 273, 567 | 62, 321, 412 | 4. 54 |
| Before 1860 | 97, 319 | 98, 119 | 182, 716 | ---------- | 1. 86 |
| 1860 to 1869 | 783, 357 | 932, 565 | 1, 689, 852 | ---------- | 1. 81 |
| 1870 to 1879 | 2, 077, 717 | 3, 413, 277 | 8, 126, 391 | ---------- | 2. 38 |
| 1880 to 1889 | 5, 424, 294 | 8, 843, 654 | 23, 934, 330 | 1, 840, 829 | 2. 91 |
| 1890 to 1899 | 6, 026, 937 | 11, 575, 924 | 24, 498, 861 | 521, 310 | 2. 16 |
| 1900 to 1904 | 7, 606, 753 | 12, 200, 468 | 26, 706, 464 | 709, 063 | 2. 25 |
| 1905 to 1909 | 14, 530, 397 | 20, 228, 636 | 76, 072, 320 | 7, 612, 491 | 4. 14 |
| 1910 to 1914 | 17, 344, 098 | 22, 245, 539 | 120, 269, 596 | 14, 455, 410 | 6. 19 |
| 1915 to 1919 | 11, 374, 619 | 15, 828, 501 | 87, 379, 002 | 36, 771, 650 | 7. 84 |
| Not reported | 229, 547 | 262, 608 | 3, 414, 035 | 410, 659 | 14. 56 |

[1] Before tabulation the area in each enterprise was reduced by the amount of overlapping with enterprises organized previously.
[2] These figures represent the sums of the areas in all the enterprises, without deducting for overlapping.

Source: Bureau of the Census, Department of Commerce.

## No. 578—DRAINAGE OF OPERATING ENTERPRISES: By States

NOTE.—See headnote, Table 575. Figures for 1929 are preliminary and are subject to correction

| Division and State | Land in drainage enterprises | | Drainage condition in 1929 | | | Land in occupied farms, 1929 | | Capital invested in enterprises | |
|---|---|---|---|---|---|---|---|---|---|
| | 1919 | 1929 | Land unfit for crop for lack of drainage | Land drained, fit for normal crop | Land partly drained, fit for partial crop | Total land | Land planted | 1919 | 1929 |
| | *Acres* | *Acres* | *Acres* | *Acres* | *Acres* | *Acres* | *Acres* | *1,000 dollars* | *1,000 dollars* |
| **United States** | 65, 495, 038 | 84, 815, 500 | 7, 651, 249 | 66, 386, 518 | 10, 777, 733 | 69, 105, 453 | 55, 107, 482 | 372, 274 | 682, 562 |
| **East North Central** | 31, 627, 176 | 33, 379, 749 | 1, 336, 367 | 29, 312, 640 | 2, 730, 742 | 32, 299, 564 | 26, 368, 890 | 134, 270 | 209, 225 |
| Ohio | 8, 107, 204 | 8, 147, 508 | 117, 089 | 7, 466, 253 | 564, 166 | 7, 992, 228 | 6, 748, 152 | 30, 680 | 36, 669 |
| Indiana | 9, 087, 183 | 10, 210, 604 | 243, 882 | 9, 281, 142 | 685, 580 | 10, 095, 944 | 8, 528, 179 | 31, 148 | 53, 982 |
| Illinois | 3, 909, 049 | 5, 034, 122 | 275, 900 | 4, 511, 451 | 246, 771 | 5, 002, 880 | 4, 265, 524 | 43, 595 | 74, 333 |
| Michigan | 9, 729, 171 | 9, 119, 568 | 542, 403 | 7, 511, 572 | 1, 065, 593 | 8, 655, 636 | 6, 475, 839 | 24, 684 | 37, 904 |
| Wisconsin | 794, 569 | 867, 947 | 157, 093 | 542, 222 | 168, 632 | 552, 876 | 351, 196 | 4, 163 | 6, 337 |
| **West North Central** | 19, 217, 367 | 23, 925, 796 | 2, 473, 959 | 18, 590, 379 | 2, 861, 458 | 20, 247, 490 | 16, 153, 772 | 121, 562 | 205, 343 |
| Minnesota | 9, 232, 709 | 11, 357, 883 | 2, 037, 904 | 7, 202, 413 | 2, 117, 566 | 8, 560, 555 | 5, 788, 537 | 42, 017 | 63, 518 |
| Iowa | 5, 224, 478 | 6, 248, 189 | 76, 991 | 5, 931, 833 | 239, 365 | 6, 195, 281 | 5, 684, 899 | 49, 627 | 78, 127 |
| Missouri | 2, 596, 204 | 3, 450, 866 | 308, 971 | 2, 753, 099 | 388, 796 | 2, 659, 721 | 2, 246, 350 | 20, 723 | 46, 293 |
| North Dakota | 1, 240, 328 | 1, 058, 123 | 10, 540 | 1, 024, 782 | 22, 801 | 1, 049, 845 | 886, 635 | 2, 208 | 3, 149 |
| South Dakota | 222, 062 | 690, 007 | 26, 256 | 615, 697 | 48, 054 | 676, 895 | 571, 703 | 1, 461 | 4, 535 |
| Nebraska | 607, 730 | 863, 559 | 9, 705 | 820, 339 | 33, 515 | 848, 329 | 734, 618 | 4, 589 | 6, 820 |
| Kansas | 93, 856 | 257, 169 | 3, 592 | 242, 216 | 11, 361 | 256, 864 | 241, 030 | 937 | 2, 901 |
| **South Atlantic** | 2, 385, 384 | 6, 960, 981 | 1, 565, 474 | 2, 599, 363 | 2, 796, 144 | 949, 852 | 598, 383 | 18, 847 | 54, 076 |
| Virginia | ---------- | 25, 327 | 5, 000 | 16, 138 | 4, 189 | 15, 989 | 12, 500 | -------- | 415 |
| North Carolina | 542, 828 | 686, 486 | 124, 843 | 424, 766 | 136, 877 | 331, 481 | 269, 074 | 3, 624 | 4, 761 |
| South Carolina | 140, 031 | 203, 433 | 31, 002 | 137, 737 | 34, 694 | 95, 302 | 62, 057 | 582 | 1, 505 |
| Georgia | 65, 452 | 84, 265 | 24, 046 | 46, 618 | 13, 601 | 63, 850 | 37, 616 | 795 | 1, 917 |
| Florida | 1, 637, 073 | 5, 961, 470 | 1, 380, 583 | 1, 974, 104 | 2, 606, 783 | 443, 230 | 217, 136 | 13, 847 | 45, 478 |
| **East South Central** | 2, 323, 595 | 4, 200, 083 | 493, 769 | 3, 228, 544 | 477, 770 | 3, 147, 464 | 2, 328, 635 | 11, 524 | 35, 368 |
| Kentucky | 358, 480 | 628, 853 | 65, 551 | 446, 256 | 117, 046 | 534, 999 | 332, 975 | 1, 522 | 5, 358 |
| Tennessee | 363, 671 | 603, 392 | 144, 384 | 363, 319 | 95, 689 | 414, 182 | 213, 486 | 2, 926 | 6, 412 |
| Mississippi | 1, 601, 444 | 2, 967, 838 | 283, 834 | 2, 418, 969 | 265, 035 | 2, 198, 283 | 1, 782, 174 | 7, 076 | 23, 598 |
| **West South Central** | 7, 924, 197 | 11, 600, 490 | 1, 643, 020 | 8, 422, 726 | 1, 534, 744 | 8, 250, 488 | 5, 967, 765 | 28, 946 | 78, 013 |
| Arkansas | 3, 479, 591 | 4, 979, 724 | 640, 280 | 3, 680, 207 | 659, 237 | 3, 691, 092 | 2, 647, 963 | 14, 147 | 40, 909 |
| Louisiana | 2, 266, 328 | 3, 568, 443 | 781, 389 | 2, 418, 072 | 368, 982 | 2, 502, 397 | 1, 917, 185 | 9, 022 | 22, 737 |
| Oklahoma | 12, 150 | 165, 967 | 5, 734 | 139, 030 | 21, 203 | 157, 745 | 129, 855 | 76 | 2, 251 |
| Texas | 2, 166, 128 | 2, 886, 356 | 215, 617 | 2, 185, 417 | 485, 322 | 1, 899, 254 | 1, 272, 762 | 5, 701 | 12, 116 |
| **Mountain** | 810, 076 | 1, 899, 432 | 85, 508 | 1, 702, 070 | 111, 854 | 1, 649, 033 | 1, 421, 818 | 7, 840 | 25, 330 |
| Montana | 168, 682 | 167, 629 | 6, 388 | 152, 871 | 8, 370 | 150, 844 | 114, 266 | 665 | 1, 879 |
| Idaho | 64, 642 | 348, 284 | 17, 675 | 306, 024 | 24, 585 | 335, 123 | 308, 631 | 1, 669 | 4, 634 |
| Wyoming | 95, 474 | 249, 203 | 9, 821 | 221, 962 | 17, 420 | 179, 127 | 154, 015 | 1, 176 | 5, 196 |
| Colorado | 171, 656 | 326, 266 | 26, 740 | 273, 180 | 26, 346 | 281, 306 | 248, 392 | 1, 082 | 4, 360 |
| New Mexico | 140, 219 | 170, 087 | 15, 020 | 141, 545 | 13, 522 | 132, 311 | 118, 935 | 1, 711 | 3, 264 |
| Arizona | 39, 640 | 318, 931 | 4, 125 | 313, 112 | 1, 694 | 304, 802 | 278, 096 | 414 | 1, 875 |
| Utah | 113, 823 | 156, 052 | 5, 600 | 142, 941 | 7, 511 | 110, 029 | 87, 971 | 1, 005 | 2, 772 |
| Nevada | 15, 940 | 162, 980 | 139 | 150, 435 | 12, 406 | 155, 491 | 111, 512 | 118 | 1, 350 |
| **Pacific** | 1, 207, 243 | 2, 848, 969 | 53, 152 | 2, 530, 796 | 265, 021 | 2, 561, 562 | 2, 268, 220 | 49, 285 | 75, 210 |
| Washington | 94, 924 | 356, 058 | 9, 908 | 318, 286 | 27, 864 | 341, 016 | 307, 366 | 1, 397 | 4, 646 |
| Oregon | 4, 000 | 204, 432 | 30, 625 | 146, 556 | 27, 251 | 141, 826 | 109, 793 | 200 | 4, 256 |
| California | 1, 108, 319 | 2, 288, 479 | 12, 619 | 2, 065, 954 | 209, 906 | 2, 078, 720 | 1, 851, 061 | 47, 687 | 66, 308 |

Source: Bureau of the Census, Department of Commerce.

# 25.—FARMS—GENERAL STATISTICS

[Data in this section relate to continental United States]

## No. 579.—POPULATION, FARMS, AND FARM PROPERTY

[Figures for 1930 relate to Apr. 1, for 1920 and 1925 to Jan. 1, for 1910 to Apr. 15, and for earlier years to June 1]

| Item | 1850 | 1890 | 1900 | 1910 | 1920 | 1925 | 1930 |
|---|---|---|---|---|---|---|---|
| Total population | 23,191,876 | 62,947,714 | 75,994,575 | 91,972,266 | 105,710,620 | [1] 114,035,000 | 122,775,046 |
| Urban | | 22,298,359 | 30,380,433 | 42,166,120 | 54,304,603 | [1] 61,451,000 | 68,954,823 |
| Rural [2] | | 40,649,355 | 45,614,142 | 49,806,146 | 51,406,017 | [1] 52,584,000 | 53,820,223 |
| Per cent of total | | 64.6 | 60.0 | 54.2 | 48.6 | 45.6 | 43.8 |
| Farm population [3] | | | | | 31,614,269 | (4) | 30,447,229 |
| Per cent of total | | | | | 29.9 | (4) | 24.8 |
| Per cent of rural | | | | | 61.5 | (4) | 56.6 |
| **Number of farms** | 1,449,073 | 4,564,641 | 5,737,372 | 6,361,502 | 6,448,343 | 6,371,640 | 6,288,648 |
| Acreage in thousands— | | | | | | | |
| Approximate land area of United States | 1,884,376 | 1,903,338 | 1,903,462 | 1,903,290 | 1,903,215 | 1,903,217 | 1,903,217 |
| **All lands in farms** | 293,561 | 623,219 | 838,592 | 878,798 | 955,884 | 924,319 | 986,771 |
| Crop land | | | | | | 391,460 | 413,236 |
| Pasture land | | | | | | 407,959 | 464,155 |
| Woodland not pasture | | | | | | 67,067 | 64,624 |
| All other | | | | | | 57,834 | 44,757 |
| **Per cent of total land area represented by all land in farms** | 15.6 | 32.7 | 44.1 | 46.2 | 50.2 | 48.6 | 51.8 |
| **Average acreage per farm, all land** | 202.6 | 136.5 | 146.2 | 138.1 | 148.2 | 145.1 | 156.9 |
| **Value of all farm property (thousands of dollars)** | 3,967,344 | 16,082,268 | 20,439,901 | 40,991,449 | 77,923,652 | 57,017,740 | (5) |
| Land and buildings | 3,271,575 | 13,279,253 | 16,614,647 | 34,801,126 | 66,316,003 | 49,467,647 | 47,879,838 |
| Land [6] | | | 13,058,008 | 28,475,674 | 54,829,563 | 37,721,018 | 34,929,844 |
| Buildings | | | 3,556,639 | 6,325,452 | 11,486,440 | 11,746,629 | 12,949,994 |
| Implements and machinery | 151,588 | 494,247 | 749,776 | 1,265,150 | 3,594,773 | 2,691,704 | 3,301,663 |
| Livestock | 544,181 | 2,308,768 | 3,075,478 | 4,925,174 | 8,012,876 | 4,858,389 | (5) |
| **Per cent of value of all farm property represented by—** | | | | | | | |
| Land and buildings | 82.5 | 82.6 | 81.3 | 84.9 | 85.1 | 86.8 | (5) |
| Land | | | 63.9 | 69.5 | 70.4 | 66.2 | (5) |
| Buildings | | | 17.4 | 15.4 | 14.7 | 20.6 | (5) |
| Implements and machinery | 3.8 | 3.1 | 3.7 | 3.1 | 4.6 | 4.7 | (5) |
| Livestock | 13.7 | 14.4 | 15.0 | 12.0 | 10.3 | 8.5 | (5) |
| **Average value of all farm property per farm (dollars)** | 2,738 | 3,523 | 3,563 | 6,444 | 12,084 | 8,949 | (5) |
| Land and buildings | 2,258 | 2,909 | 2,896 | 5,471 | 10,284 | 7,764 | 7,614 |
| Land | | | 2,276 | 4,476 | 8,503 | 5,920 | 5,554 |
| Buildings | | | 620 | 994 | 1,781 | 1,844 | 2,059 |
| Implements and machinery | 105 | 108 | 131 | 199 | 557 | 422 | 525 |
| Livestock | 376 | 506 | 536 | 774 | 1,243 | 763 | (5) |
| **Average value of all farm property per acre (dollars)** | 13.51 | 25.81 | 24.37 | 46.64 | 81.52 | 61.69 | (5) |
| Land and buildings | 11.14 | 21.31 | 19.81 | 39.60 | 69.38 | 53.52 | 48.52 |
| Land | | | 15.57 | 32.40 | 57.36 | 40.81 | 35.40 |
| Buildings | | | 4.24 | 7.20 | 12.02 | 12.71 | 13.12 |
| Implements and machinery | .52 | .79 | .89 | 1.44 | 3.76 | 2.91 | 3.35 |
| Livestock | 1.85 | 3.70 | 3.67 | 5.60 | 8.38 | 5.26 | (4) |

[1] Revised estimates as of Jan. 1, 1925.

[2] For definition of urban and rural population, see headnote, Table 37, p. 47.

[3] The 1930 farm population comprises all persons living on farms without regard to occupation; the 1920 figures include also those farm laborers (and their families) who, while not living on farms, lived outside the limits of any incorporated place. A further difference is due to the fact that the 1920 census was taken in January, while the 1930 census was taken in April, when the number of persons on farms is appreciably larger.

[4] Farm population figures were obtained on the farm schedule in the Agricultural Census of 1925, while in 1920 and 1930 they were obtained from the population schedule. Owing to the different method of collecting the information, the 1925 figures are not here presented for comparison with the 1920 and 1930 returns pending a further analysis of the data.

[5] Value of livestock and of all farm property are not yet available.

[6] These figures include the value of fences, tile drains, and other incidental improvements on the land, excluding only the value of buildings.

Source: Bureau of the Census, Department of Commerce.

## No. 580.—FARM POPULATION AND TOTAL POPULATION: By States

| Division and State | Total population | | Farm population | | | |
|---|---|---|---|---|---|---|
| | 1920 | 1930 | 1920 | 1930 | Per cent of total population 1920 | Per cent of total population 1930 |
| **United States** | 105,710,620 | 122,775,046 | 31,614,269 | 30,447,229 | 29.9 | 24.8 |
| **New England** | 7,400,909 | 8,166,341 | 625,877 | 573,869 | 8.5 | 7.0 |
| Maine | 768,014 | 797,423 | 197,601 | 170,995 | 25.7 | 21.4 |
| New Hampshire | 443,083 | 465,293 | 76,021 | 62,850 | 17.2 | 13.5 |
| Vermont | 352,428 | 359,611 | 125,263 | 112,904 | 35.5 | 31.4 |
| Massachusetts | 3,852,356 | 4,249,614 | 118,554 | 123,805 | 3.1 | 2.9 |
| Rhode Island | 604,397 | 687,497 | 15,136 | 16,545 | 2.5 | 2.4 |
| Connecticut | 1,380,631 | 1,606,903 | 93,302 | 86,770 | 6.8 | 5.4 |
| **Middle Atlantic** | 22,261,144 | 26,260,750 | 1,892,789 | 1,708,719 | 8.5 | 6.5 |
| New York | 10,385,227 | 12,588,066 | 800,747 | 720,929 | 7.7 | 5.7 |
| New Jersey | 3,155,900 | 4,041,334 | 143,708 | 131,096 | 4.6 | 3.2 |
| Pennsylvania | 8,720,017 | 9,631,350 | 948,334 | 856,694 | 10.9 | 8.9 |
| **East North Central** | 21,475,543 | 25,297,185 | 4,913,633 | 4,489,583 | 22.9 | 17.7 |
| Ohio | 5,759,394 | 6,646,697 | 1,139,329 | 1,013,529 | 19.8 | 15.2 |
| Indiana | 2,930,390 | 3,238,503 | 907,295 | 813,007 | 31.0 | 25.1 |
| Illinois | 6,485,280 | 7,630,654 | 1,098,262 | 999,599 | 16.9 | 13.1 |
| Michigan | 3,668,412 | 4,842,325 | 848,710 | 782,394 | 23.1 | 16.2 |
| Wisconsin | 2,632,067 | 2,939,006 | 920,037 | 881,054 | 35.0 | 30.0 |
| **West North Central** | 12,544,249 | 13,296,915 | 5,171,596 | 5,067,746 | 41.2 | 38.1 |
| Minnesota | 2,387,125 | 2,563,953 | 897,181 | 895,349 | 37.6 | 34.9 |
| Iowa | 2,404,021 | 2,470,939 | 984,799 | 977,906 | 41.0 | 39.6 |
| Missouri | 3,404,055 | 3,629,367 | 1,211,346 | 1,114,095 | 35.6 | 30.7 |
| North Dakota | 646,872 | 680,845 | 394,500 | 397,294 | 61.0 | 58.4 |
| South Dakota | 636,547 | 692,849 | 362,221 | 390,205 | 56.9 | 56.3 |
| Nebraska | 1,296,372 | 1,377,963 | 584,172 | 585,701 | 45.1 | 42.5 |
| Kansas | 1,769,257 | 1,880,999 | 737,377 | 707,196 | 41.7 | 37.6 |
| **South Atlantic** | 13,990,272 | 15,793,589 | 6,416,698 | 5,898,176 | 45.9 | 37.3 |
| Delaware | 223,003 | 238,380 | 51,212 | 46,530 | 23.0 | 19.5 |
| Maryland | 1,449,661 | 1,631,526 | 279,225 | 237,456 | 19.3 | 14.6 |
| District of Columbia | 437,571 | 486,869 | 894 | 435 | .2 | .1 |
| Virginia | 2,309,187 | 2,421,851 | 1,964,417 | 950,757 | 46.1 | 39.3 |
| West Virginia | 1,463,701 | 1,729,205 | 477,924 | 449,114 | 32.7 | 26.0 |
| North Carolina | 2,559,123 | 3,170,276 | 1,501,227 | 1,599,918 | 58.7 | 50.5 |
| South Carolina | 1,683,724 | 1,738,765 | 1,074,693 | 916,471 | 63.8 | 52.7 |
| Georgia | 2,895,832 | 2,908,506 | 1,685,213 | 1,418,514 | 58.2 | 48.8 |
| Florida | 968,470 | 1,468,211 | 281.893 | 278,981 | 29.1 | 19.0 |
| **East South Central** | 8,893,307 | 9,887,214 | 5,182,937 | 5,095,096 | 58.3 | 51.5 |
| Kentucky | 2,416,630 | 2,614,589 | 1,304,862 | 1,176,524 | 54.0 | 45.0 |
| Tennessee | 2,337,885 | 2,616,556 | 1,271,708 | 1,215,452 | 54.4 | 46.5 |
| Alabama | 2,348,174 | 2,646,248 | 1,335,885 | 1,340,277 | 56.9 | 50.6 |
| Mississippi | 1,790,618 | 2,009,821 | 1,270,482 | 1,362,843 | 71.0 | 67.8 |
| **West South Central** | 10,242,224 | 12,176,830 | 5,228,199 | 5,326,412 | 51.0 | 43.7 |
| Arkansas | 1,752,204 | 1,854,482 | 1,147,049 | 1,119,464 | 65.5 | 60.4 |
| Louisiana | 1,798,509 | 2,101,593 | 786,050 | 830,606 | 43.7 | 39.5 |
| Oklahoma | 2,028,283 | 2,396,040 | 1,017,327 | 1,024,070 | 50.2 | 42.7 |
| Texas | 4,663,228 | 5,824,715 | 2,277,773 | 2,352,272 | 48.8 | 40.4 |
| **Mountain** | 3,336,101 | 3,701,789 | 1,168,367 | 1,138,718 | 35.0 | 30.8 |
| Montana | 548,889 | 537,606 | 225,667 | 204,594 | 41.1 | 38.1 |
| Idaho | 431,866 | 445,032 | 200,902 | 188,365 | 46.5 | 42.3 |
| Wyoming | 194,402 | 225,565 | 67,306 | 73,152 | 34.6 | 32.4 |
| Colorado | 939,629 | 1,035,791 | 266,073 | 282,827 | 28.3 | 27.3 |
| New Mexico | 360,350 | 423,317 | 161,446 | 158,631 | 44.8 | 37.5 |
| Arizona | 334,162 | 435,573 | 90,560 | 98,995 | 27.1 | 22.7 |
| Utah | 449,396 | 507,847 | 140,249 | 115,713 | 31.2 | 22.8 |
| Nevada | 77,407 | 91,058 | 16,164 | 16,441 | 20.9 | 18.1 |
| **Pacific** | 5,566,871 | 8,194,433 | 1,014,173 | 1,148,910 | 18.2 | 14.0 |
| Washington | 1,356,621 | 1,563,396 | 283,382 | 304,737 | 20.9 | 19.5 |
| Oregon | 783,389 | 953,786 | 214,021 | 223,667 | 27.3 | 23.5 |
| California | 3,426,861 | 5,677,251 | 516,770 | 620,506 | 15.1 | 10.9 |

Source: Bureau of the Census, Department of Commerce.

## No. 581.—CLASSIFICATION OF FARM LAND: By States, 1930

Note.—For total land in farms, see Table 582

[All figures in thousands of acres]

| Division and State | Crop land | | | | Land in pasture | | | | Woodland not pasture | All other land |
|---|---|---|---|---|---|---|---|---|---|---|
| | Total | Harvested in 1929 | Crop failure in 1929 | Idle or fallow | Total | Plowable | Woodland | Other | | |
| United States | 413,236 | 359,242 | 12,707 | 41,287 | 464,155 | 109,160 | 85,322 | 269,673 | 64,624 | 44,757 |
| New England | 4,015 | 3,659 | 41 | 315 | 6,266 | 964 | 3,147 | 2,155 | 3,253 | 749 |
| Maine | 1,402 | 1,304 | 6 | 91 | 1,637 | 259 | 879 | 499 | 1,362 | 239 |
| New Hampshire | 422 | 380 | 4 | 38 | 933 | 106 | 576 | 250 | 495 | 110 |
| Vermont | 1,128 | 1,074 | 7 | 48 | 2,192 | 274 | 1,018 | 900 | 486 | 90 |
| Massachusetts | 564 | 474 | 10 | 80 | 753 | 162 | 345 | 247 | 518 | 170 |
| Rhode Island | 68 | 55 | 2 | 11 | 100 | 35 | 38 | 27 | 84 | 27 |
| Connecticut | 431 | 372 | 12 | 47 | 651 | 128 | 291 | 232 | 308 | 113 |
| Middle Atlantic | 16,955 | 14,324 | 336 | 2,296 | 12,216 | 4,353 | 3,334 | 4,529 | 3,943 | 1,933 |
| New York | 8,154 | 6,959 | 169 | 1,026 | 7,300 | 2,376 | 1,949 | 2,975 | 1,685 | 840 |
| New Jersey | 987 | 777 | 20 | 191 | 340 | 198 | 47 | 95 | 232 | 199 |
| Pennsylvania | 7,814 | 6,588 | 147 | 1,079 | 4,576 | 1,779 | 1,338 | 1,459 | 2,026 | 894 |
| East North Central | 63,432 | 56,644 | 1,595 | 5,193 | 36,316 | 14,628 | 12,548 | 9,140 | 4,527 | 6,616 |
| Ohio | 11,269 | 10,116 | 227 | 927 | 8,038 | 3,762 | 1,854 | 2,421 | 920 | 1,287 |
| Indiana | 11,722 | 10,214 | 348 | 1,161 | 5,956 | 2,810 | 1,834 | 1,312 | 785 | 1,224 |
| Illinois | 21,140 | 18,958 | 701 | 1,480 | 7,607 | 4,092 | 2,010 | 1,506 | 732 | 1,217 |
| Michigan | 9,094 | 7,738 | 197 | 1,159 | 5,892 | 2,064 | 2,410 | 1,418 | 825 | 1,308 |
| Wisconsin | 10,207 | 9,618 | 122 | 466 | 8,823 | 1,900 | 4,440 | 2,483 | 1,265 | 1,580 |
| West North Central | 150,285 | 138,716 | 4,058 | 7,511 | 98,214 | 34,406 | 13,261 | 50,547 | 4,498 | 12,491 |
| Minnesota | 19,491 | 18,445 | 255 | 790 | 8,248 | 2,249 | 3,656 | 2,342 | 1,090 | 2,085 |
| Iowa | 22,738 | 22,276 | 232 | 231 | 9,509 | 4,982 | 1,969 | 2,558 | 245 | 1,528 |
| Missouri | 15,646 | 13,176 | 806 | 1,665 | 14,297 | 7,018 | 5,262 | 2,017 | 2,438 | 1,361 |
| North Dakota | 24,528 | 21,255 | 854 | 2,419 | 10,758 | 3,183 | 400 | 7,176 | 158 | 3,213 |
| South Dakota | 19,003 | 17,856 | 583 | 563 | 15,917 | 5,707 | 395 | 9,815 | 96 | 1,455 |
| Nebraska | 22,344 | 21,399 | 360 | 584 | 20,798 | 4,160 | 798 | 15,840 | 143 | 1,424 |
| Kansas | 26,535 | 24,309 | 968 | 1,259 | 18,687 | 7,107 | 781 | 10,799 | 328 | 1,425 |
| South Atlantic | 34,066 | 27,520 | 568 | 5,979 | 21,794 | 7,786 | 9,067 | 4,942 | 24,668 | 5,834 |
| Delaware | 504 | 408 | 9 | 88 | 122 | 83 | 16 | 24 | 188 | 86 |
| Maryland | 2,129 | 1,742 | 18 | 370 | 959 | 539 | 205 | 215 | 1,008 | 279 |
| Dist. of Columbia | 2 | 2 | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) |
| Virginia | 5,059 | 3,975 | 80 | 1,002 | 5,593 | 2,925 | 1,528 | 1,140 | 5,167 | 910 |
| West Virginia | 1,907 | 1,655 | 25 | 227 | 4,511 | 1,718 | 1,121 | 1,672 | 2,008 | 376 |
| North Carolina | 7,012 | 5,810 | 129 | 1,074 | 2,845 | 888 | 1,424 | 534 | 6,902 | 1,295 |
| South Carolina | 5,037 | 4,137 | 97 | 803 | 1,793 | 351 | 1,052 | 390 | 2,851 | 712 |
| Georgia | 10,447 | 8,337 | 164 | 1,946 | 4,652 | 980 | 2,880 | 791 | 5,493 | 1,488 |
| Florida | 1,969 | 1,454 | 46 | 469 | 1,319 | 302 | 841 | 176 | 1,051 | 688 |
| East South Central | 30,247 | 25,148 | 600 | 4,499 | 22,737 | 10,845 | 8,076 | 3,816 | 14,844 | 4,990 |
| Kentucky | 6,927 | 5,331 | 150 | 1,446 | 8,120 | 5,395 | 1,403 | 1,322 | 3,394 | 1,487 |
| Tennessee | 7,666 | 6,106 | 146 | 1,414 | 5,168 | 2,751 | 1,528 | 888 | 3,885 | 1,285 |
| Alabama | 8,199 | 7,114 | 157 | 928 | 4,105 | 1,204 | 2,291 | 611 | 4,195 | 1,055 |
| Mississippi | 7,455 | 6,597 | 147 | 711 | 5,344 | 1,495 | 2,854 | 995 | 3,370 | 1,163 |
| West South Central | 64,747 | 56,837 | 2,863 | 5,046 | 107,609 | 16,491 | 20,997 | 70,121 | 6,854 | 4,696 |
| Arkansas | 7,907 | 6,582 | 232 | 1,093 | 3,792 | 1,170 | 2,064 | 558 | 3,379 | 974 |
| Louisiana | 4,741 | 4,068 | 130 | 543 | 2,235 | 916 | 917 | 402 | 1,742 | 638 |
| Oklahoma | 17,333 | 15,553 | 698 | 1,082 | 14,640 | 3,249 | 3,567 | 7,824 | 493 | 1,326 |
| Texas | 34,766 | 30,634 | 1,803 | 2,328 | 86,942 | 11,156 | 14,449 | 61,337 | 1,240 | 1,758 |
| Mountain | 30,651 | 23,279 | 2,063 | 5,309 | 121,392 | 15,217 | 6,839 | 99,336 | 591 | 4,817 |
| Montana | 11,399 | 7,841 | 789 | 2,769 | 31,676 | 4,695 | 1,642 | 25,340 | 178 | 1,406 |
| Idaho | 4,073 | 3,150 | 87 | 836 | 4,392 | 379 | 736 | 3,276 | 124 | 758 |
| Wyoming | 2,293 | 2,008 | 96 | 189 | 20,837 | 2,322 | 468 | 18,047 | 48 | 348 |
| Colorado | 8,449 | 6,750 | 858 | 840 | 19,338 | 4,215 | 1,411 | 13,713 | 131 | 958 |
| New Mexico | 1,799 | 1,494 | 98 | 207 | 28,494 | 3,198 | 1,752 | 23,544 | 66 | 463 |
| Arizona | 649 | 478 | 35 | 135 | 9,682 | 102 | 597 | 8,983 | 20 | 176 |
| Utah | 1,495 | 1,160 | 48 | 288 | 3,662 | 228 | 177 | 3,257 | 14 | 442 |
| Nevada | 494 | 398 | 52 | 45 | 3,311 | 78 | 56 | 3,176 | 10 | 266 |
| Pacific | 18,838 | 13,115 | 583 | 5,139 | 37,611 | 4,470 | 8,053 | 25,087 | 1,446 | 2,631 |
| Washington | 6,275 | 3,659 | 178 | 2,438 | 6,241 | 578 | 1,488 | 4,175 | 386 | 631 |
| Oregon | 4,173 | 2,906 | 111 | 1,155 | 11,379 | 817 | 2,619 | 7,942 | 503 | 495 |
| California | 8,390 | 6,550 | 294 | 1,546 | 19,991 | 3,075 | 3,946 | 12,970 | 557 | 1,505 |

[1] Less than 500.

Source: Bureau of the Census, Department of Commerce.

## No. 582.—NUMBER AND ACREAGE OF FARMS:

| Division and State | Number of farms | | | | | All land in farms (thousands of acres) | | |
|---|---|---|---|---|---|---|---|---|
| | 1900 | 1910 | 1920 | 1925 | 1930 | 1900 | 1910 | 1920 |
| **United States** | 5,737,372 | 6,361,502 | 6,448,343 | 6,371,640 | 6,288,648 | 838,592 | 878,798 | 955,884 |
| **New England** | 191,888 | 188,802 | 156,564 | 159,489 | 124,925 | 20,549 | 19,715 | 16,991 |
| Maine | 59,299 | 60,016 | 48,227 | 50,033 | 39,006 | 6,300 | 6,297 | 5,420 |
| New Hampshire | 29,324 | 27,053 | 20,523 | 21,065 | 14,906 | 3,610 | 3,249 | 2,604 |
| Vermont | 33,104 | 32,709 | 29,075 | 27,786 | 24,898 | 4,724 | 4,664 | 4,236 |
| Massachusetts | 37,715 | 36,917 | 32,001 | 33,454 | 25,598 | 3,147 | 2,876 | 2,494 |
| Rhode Island | 5,498 | 5,292 | 4,083 | 3,911 | 3,322 | 456 | 443 | 332 |
| Connecticut | 26,948 | 26,815 | 22,655 | 23,240 | 17,195 | 2,312 | 2,186 | 1,899 |
| **Middle Atlantic** | 485,618 | 468,379 | 425,147 | 418,868 | 357,603 | 44,860 | 43,191 | 40,573 |
| New York | 226,720 | 215,597 | 193,195 | 188,754 | 159,806 | 22,648 | 22,030 | 20,633 |
| New Jersey | 34,650 | 33,487 | 29,702 | 29,671 | 25,378 | 2,841 | 2,574 | 2,283 |
| Pennsylvania | 224,248 | 219,295 | 202,250 | 200,443 | 172,419 | 19,371 | 18,587 | 17,658 |
| **East North Central** | 1,135,823 | 1,123,489 | 1,084,744 | 1,051,572 | 966,502 | 116,341 | 117,929 | 117,735 |
| Ohio | 276,719 | 272,045 | 256,695 | 244,703 | 219,296 | 24,502 | 24,106 | 23,516 |
| Indiana | 221,897 | 215,485 | 205,126 | 195,786 | 181,570 | 21,620 | 21,300 | 21,063 |
| Illinois | 264,151 | 251,872 | 237,181 | 225,601 | 214,497 | 32,795 | 32,523 | 31,975 |
| Michigan | 203,261 | 206,960 | 196,447 | 192,327 | 169,372 | 17,562 | 18,941 | 19,033 |
| Wisconsin | 169,795 | 177,127 | 189,295 | 193,155 | 181,767 | 19,863 | 21,060 | 22,148 |
| **West North Central** | 1,060,744 | 1,109,948 | 1,096,951 | 1,111,314 | 1,112,755 | 201,009 | 232,648 | 256,973 |
| Minnesota | 154,659 | 156,137 | 178,478 | 188,231 | 185,255 | 26,248 | 27,676 | 30,222 |
| Iowa | 228,622 | 217,044 | 213,439 | 213,490 | 214,928 | 34,574 | 33,931 | 33,475 |
| Missouri | 284,886 | 277,244 | 263,004 | 260,473 | 255,940 | 33,998 | 34,591 | 34,775 |
| North Dakota | 45,332 | 74,360 | 77,690 | 75,970 | 77,975 | 15,543 | 28,427 | 36,215 |
| South Dakota | 52,622 | 77,644 | 74,637 | 79,537 | 83,157 | 19,071 | 26,017 | 34,636 |
| Nebraska | 121,525 | 129,678 | 124,417 | 127,734 | 129,458 | 29,912 | 38,622 | 42,225 |
| Kansas | 173,098 | 177,841 | 165,286 | 165,879 | 166,042 | 41,663 | 43,385 | 45,425 |
| **South Atlantic** | 962,225 | 1,111,881 | 1,158,976 | 1,108,061 | 1,058,468 | 104,298 | 103,782 | 97,775 |
| Delaware | 9,687 | 10,836 | 10,140 | 10,257 | 9,707 | 1,066 | 1,039 | 945 |
| Maryland | 46,012 | 48,923 | 47,908 | 49,001 | 43,208 | 5,170 | 5,057 | 4,758 |
| District of Columbia | 269 | 217 | 204 | 139 | 104 | 8 | 6 | 6 |
| Virginia | 167,886 | 184,018 | 186,242 | 193,723 | 170,610 | 19,908 | 19,496 | 18,561 |
| West Virginia | 92,874 | 96,685 | 87,289 | 90,380 | 82,641 | 10,655 | 10,026 | 9,570 |
| North Carolina | 224,637 | 253,725 | 269,763 | 283,482 | 279,708 | 22,749 | 22,439 | 20,022 |
| South Carolina | 155,355 | 176,434 | 192,693 | 172,767 | 157,931 | 13,985 | 13,512 | 12,427 |
| Georgia | 224,691 | 291,027 | 310,732 | 249,095 | 255,598 | 26,392 | 26,953 | 25,441 |
| Florida | 40,814 | 50,016 | 54,005 | 59,217 | 58,966 | 4,364 | 5,254 | 6,047 |
| **East South Central** | 903,313 | 1,042,480 | 1,051,600 | 1,006,052 | 1,062,214 | 81,248 | 81,521 | 78,897 |
| Kentucky | 234,667 | 259,185 | 270,626 | 258,524 | 246,499 | 21,979 | 22,189 | 21,613 |
| Tennessee | 224,623 | 246,012 | 252,774 | 252,669 | 245,657 | 20,342 | 20,042 | 19,511 |
| Alabama | 223,220 | 262,901 | 256,099 | 237,631 | 257,395 | 20,685 | 20,732 | 19,577 |
| Mississippi | 220,803 | 274,382 | 272,101 | 257,228 | 312,663 | 18,241 | 18,558 | 18,197 |
| **West South Central** | 754,853 | 943,186 | 996,088 | 1,017,305 | 1,103,134 | 176,491 | 169,150 | 173,449 |
| Arkansas | 178,694 | 214,678 | 232,604 | 221,991 | 242,334 | 16,637 | 17,416 | 17,457 |
| Louisiana | 115,969 | 120,546 | 135,463 | 132,450 | 161,445 | 11,059 | 10,439 | 10,020 |
| Oklahoma[1] | 108,000 | 190,192 | 191,988 | 197,218 | 203,866 | 22,988 | 28,859 | 31,952 |
| Texas | 352,190 | 417,770 | 436,033 | 465,646 | 495,489 | 125,807 | 112,435 | 114,021 |
| **Mountain** | 101,327 | 183,446 | 244,109 | 233,392 | 241,314 | 46,397 | 59,533 | 117,337 |
| Montana | 13,370 | 26,214 | 57,677 | 46,904 | 47,495 | 11,844 | 13,546 | 35,071 |
| Idaho | 17,471 | 30,807 | 42,106 | 40,592 | 41,674 | 3,205 | 5,284 | 8,376 |
| Wyoming | 6,095 | 10,987 | 15,748 | 15,512 | 16,011 | 8,125 | 8,543 | 11,809 |
| Colorado | 24,700 | 46,170 | 59,934 | 58,020 | 59,956 | 9,475 | 13,532 | 24,462 |
| New Mexico | 12,311 | 35,676 | 29,844 | 31,687 | 31,404 | 5,131 | 11,270 | 24,410 |
| Arizona | 5,809 | 9,227 | 9,975 | 10,802 | 14,173 | 1,935 | 1,247 | 5,802 |
| Utah | 19,387 | 21,676 | 25,662 | 25,992 | 27,159 | 4,117 | 3,398 | 5,050 |
| Nevada | 2,184 | 2,689 | 3,163 | 3,883 | 3,442 | 2,566 | 2,715 | 2,357 |
| **Pacific** | 141,581 | 189,891 | 234,164 | 265,587 | 261,733 | 47,400 | 51,329 | 56,153 |
| Washington | 33,202 | 56,192 | 66,288 | 73,267 | 70,904 | 8,499 | 11,712 | 13,245 |
| Oregon | 35,837 | 45,502 | 50,206 | 55,911 | 55,153 | 10,071 | 11,685 | 13,542 |
| California | 72,542 | 88,197 | 117,670 | 136,409 | 135,676 | 28,829 | 27,931 | 29,366 |

[1] Figures for 1900 include Indian Territory.

Source: Bureau of the Census, Department of Commerce.

BY STATES, WITH AVERAGES AND PERCENTAGES

| All land in farms (thousands of acres)—Continued | | Crop land (thousands of acres) | | Average acreage per farm | | | | Per cent of total land area in farms | | | | Division and State |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1925 | 1930 | 1924 | 1929 | 1910 | 1920 | 1925 | 1930 | 1910 | 1920 | 1925 | 1930 | |
| 924,319 | 986,771 | 391,460 | 413,236 | 138.1 | 148.2 | 145.1 | 156.9 | 46.2 | 50.2 | 48.6 | 51.8 | U. S. |
| 15,858 | 14,283 | 4,624 | 4,015 | 104.4 | 108.5 | 99.4 | 114.3 | 49.7 | 42.8 | 40.0 | 36.0 | N. E. |
| 5,161 | 4,640 | 1,644 | 1,402 | 104.9 | 112.5 | 103.2 | 119.0 | 32.9 | 28.4 | 27.0 | 24.3 | Me. |
| 2,262 | 1,960 | 543 | 422 | 120.1 | 126.9 | 107.4 | 131.5 | 56.2 | 45.0 | 39.1 | 33.9 | N. H. |
| 3,926 | 3,896 | 1,150 | 1,128 | 142.6 | 145.7 | 141.3 | 156.5 | 79.9 | 72.5 | 67.2 | 66.7 | Vt. |
| 2,368 | 2,006 | 677 | 564 | 77.9 | 77.9 | 70.8 | 78.3 | 55.9 | 48.5 | 46.0 | 39.0 | Mass. |
| 309 | 279 | 76 | 68 | 83.8 | 81.2 | 79.0 | 84.1 | 64.9 | 48.6 | 45.3 | 40.9 | R. I. |
| 1,832 | 1,502 | 534 | 431 | 81.5 | 83.8 | 78.8 | 87.4 | 70.9 | 61.6 | 59.4 | 48.7 | Conn. |
| 37,491 | 35,047 | 18,645 | 16,955 | 92.2 | 95.4 | 89.5 | 98.0 | 67.5 | 63.4 | 58.6 | 54.8 | M. A. |
| 19,270 | 17,980 | 9,088 | 8,154 | 102.2 | 106.8 | 102.1 | 112.5 | 72.2 | 67.7 | 63.2 | 59.0 | N. Y. |
| 1,925 | 1,758 | 1,126 | 987 | 76.9 | 76.8 | 64.9 | 69.3 | 53.5 | 47.5 | 40.0 | 36.6 | N. J. |
| 16,296 | 15,309 | 8,431 | 7,814 | 84.8 | 87.3 | 81.3 | 88.8 | 64.8 | 61.5 | 56.8 | 53.4 | Pa. |
| 112,752 | 110,891 | 64,790 | 63,432 | 105.0 | 108.5 | 107.2 | 114.7 | 75.0 | 74.9 | 71.7 | 70.6 | E. N. C. |
| 22,219 | 21,514 | 11,695 | 11,269 | 88.6 | 91.6 | 90.8 | 98.1 | 92.5 | 90.2 | 85.2 | 82.5 | Ohio. |
| 19,915 | 19,689 | 11,981 | 11,722 | 98.8 | 102.7 | 101.7 | 108.4 | 92.3 | 91.3 | 86.3 | 85.3 | Ind. |
| 30,732 | 30,695 | 21,315 | 21,140 | 129.1 | 134.8 | 136.2 | 143.1 | 90.7 | 89.1 | 85.7 | 85.6 | Ill. |
| 18,035 | 17,119 | 9,671 | 9,094 | 91.5 | 96.9 | 93.8 | 101.1 | 51.5 | 51.7 | 49.0 | 46.5 | Mich. |
| 21,851 | 21,874 | 10,128 | 10,207 | 118.9 | 117.0 | 113.1 | 120.3 | 59.6 | 62.6 | 61.8 | 61.9 | Wis. |
| 248,081 | 265,488 | 138,827 | 150,285 | 209.6 | 234.3 | 223.2 | 238.6 | 71.2 | 78.6 | 75.9 | 81.2 | W. N. C. |
| 30,059 | 30,913 | 18,651 | 19,491 | 177.3 | 169.3 | 159.7 | 166.9 | 53.5 | 58.4 | 58.1 | 59.7 | Minn. |
| 33,281 | 34,019 | 21,998 | 22,738 | 156.3 | 156.8 | 155.9 | 158.3 | 95.4 | 94.1 | 93.6 | 95.6 | Iowa. |
| 32,642 | 33,743 | 15,278 | 15,646 | 124.8 | 132.2 | 125.3 | 131.8 | 78.6 | 79.1 | 74.2 | 76.7 | Mo. |
| 34,327 | 38,658 | 21,864 | 24,528 | 382.3 | 466.1 | 451.9 | 495.8 | 63.3 | 80.6 | 76.4 | 86.1 | N. Dak. |
| 32,018 | 36,470 | 16,441 | 19,003 | 335.1 | 464.1 | 402.6 | 438.6 | 52.9 | 70.4 | 65.1 | 74.1 | S. Dak. |
| 42,025 | 44,709 | 20,698 | 22,344 | 297.8 | 339.4 | 329.0 | 345.4 | 78.6 | 85.9 | 85.5 | 91.0 | Nebr. |
| 43,729 | 46,976 | 23,897 | 26,535 | 244.0 | 274.8 | 263.6 | 282.9 | 82.9 | 86.8 | 83.6 | 89.8 | Kans. |
| 88,569 | 86,363 | 34,649 | 34,066 | 93.3 | 84.4 | 79.9 | 81.6 | 60.3 | 56.8 | 51.4 | 50.2 | S. A. |
| 900 | 901 | 519 | 504 | 95.9 | 93.1 | 87.7 | 92.8 | 82.6 | 75.1 | 71.5 | 71.6 | Del. |
| 4,433 | 4,374 | 2,228 | 2,129 | 103.4 | 99.3 | 90.5 | 101.3 | 79.5 | 74.8 | 69.7 | 68.8 | Md. |
| 4 | 3 | 2 | 2 | 27.9 | 27.8 | 27.4 | 29.5 | 15.8 | 14.8 | 9.6 | 7.7 | D. C. |
| 17,210 | 16,729 | 5,368 | 5,059 | 105.9 | 99.7 | 88.8 | 98.1 | 75.7 | 72.0 | 66.8 | 64.9 | Va. |
| 8,980 | 8,802 | 1,921 | 1,907 | 103.7 | 109.6 | 99.4 | 106.5 | 65.2 | 62.2 | 58.4 | 57.3 | W. Va. |
| 18,594 | 18,055 | 6,857 | 7,012 | 88.4 | 74.2 | 65.6 | 64.5 | 71.9 | 64.2 | 59.6 | 57.9 | N. C. |
| 10,639 | 10,393 | 5,036 | 5,037 | 76.6 | 64.5 | 61.6 | 65.8 | 69.2 | 63.7 | 54.5 | 53.3 | S. C. |
| 21,945 | 22,079 | 10,696 | 10,447 | 92.6 | 81.9 | 88.1 | 86.4 | 71.7 | 67.7 | 58.4 | 58.7 | Ga. |
| 5,865 | 5,027 | 2,022 | 1,969 | 105.0 | 112.0 | 99.0 | 85.2 | 15.0 | 17.2 | 16.7 | 14.3 | Fla. |
| 70,607 | 72,818 | 28,817 | 30,247 | 78.2 | 75.0 | 70.2 | 68.6 | 71.0 | 68.7 | 61.5 | 63.4 | E. S. C. |
| 19,913 | 19,928 | 6,827 | 6,927 | 85.6 | 79.9 | 77.0 | 80.8 | 86.3 | 84.0 | 77.4 | 77.5 | Ky. |
| 17,901 | 18,003 | 7,589 | 7,666 | 81.5 | 77.2 | 70.8 | 73.3 | 75.1 | 73.1 | 67.1 | 67.5 | Tenn. |
| 16,739 | 17,555 | 7,692 | 8,199 | 78.9 | 76.4 | 70.4 | 68.2 | 63.2 | 59.7 | 51.0 | 53.5 | Ala. |
| 16,053 | 17,332 | 6,709 | 7,455 | 67.6 | 66.9 | 62.4 | 55.4 | 62.5 | 61.3 | 54.1 | 53.4 | Miss. |
| 165,013 | 183,906 | 56,809 | 64,747 | 179.3 | 174.1 | 162.2 | 166.7 | 61,5 | 63.1 | 60.0 | 66.9 | W. S. C. |
| 15,632 | 16,053 | 7,323 | 7,907 | 81.1 | 75.0 | 70.4 | 66.2 | 51.8 | 51.9 | 46.5 | 47.8 | Ark. |
| 8,838 | 9,355 | 4,279 | 4,741 | 86.6 | 74.0 | 66.7 | 57.9 | 35.9 | 34.5 | 30.4 | 32.2 | La. |
| 30,869 | 33,791 | 15,838 | 17,333 | 151.7 | 166.4 | 156.5 | 165.8 | 65.0 | 71.9 | 69.5 | 76.1 | Okla. |
| 109,674 | 124,707 | 29,369 | 34,766 | 269.1 | 261.5 | 235.5 | 251.7 | 67.0 | 67.9 | 65.3 | 74.3 | Tex. |
| 131,689 | 157,450 | 25,587 | 30,651 | 324.5 | 480.7 | 564.2 | 652.5 | 10.8 | 21.3 | 24.0 | 28.6 | Mt. |
| 32,736 | 44,659 | 8,474 | 11,399 | 516.7 | 608.1 | 697.9 | 940.3 | 14.5 | 37.5 | 35.0 | 47.8 | Mont. |
| 8,116 | 9,347 | 3,714 | 4,073 | 171.5 | 198.9 | 199.9 | 224.3 | 9.9 | 15.7 | 15.2 | 17.5 | Idaho. |
| 18,663 | 23,525 | 1,878 | 2,293 | 777.6 | 749.9 | 1,203.2 | 1,469.3 | 13.7 | 18.9 | 29.9 | 37.7 | Wyo. |
| 24,167 | 28,876 | 7,199 | 8,449 | 293.1 | 408.1 | 416.5 | 481.6 | 20.4 | 36.9 | 36.4 | 43.5 | Colo. |
| 27,850 | 30,822 | 1,785 | 1,799 | 315.9 | 817.9 | 878.9 | 981.5 | 14.4 | 31.1 | 35.5 | 39.3 | N. Mex. |
| 11,065 | 10,527 | 578 | 649 | 135.1 | 581.7 | 1,024.4 | 742.7 | 1.7 | 8.0 | 15.2 | 14.5 | Ariz. |
| 5,001 | 5,613 | 1,425 | 1,495 | 156.7 | 196.8 | 192.4 | 206.7 | 6.5 | 9.6 | 9.5 | 10.7 | Utah. |
| 4,091 | 4,081 | 534 | 494 | 1,009.6 | 745.2 | 1,053.5 | 1,185.6 | 3.9 | 3.4 | 5.8 | 5.8 | Nev. |
| 54,258 | 60,525 | 18,712 | 18,838 | 270.3 | 239.8 | 204.3 | 231.2 | 25.2 | 27.6 | 26.7 | 29.7 | Pac. |
| 12,610 | 13,534 | 6,084 | 6,275 | 208.4 | 199.8 | 172.1 | 190.9 | 27.4 | 31.0 | 29.5 | 31.6 | Wash. |
| 14,131 | 16,549 | 4,227 | 4,173 | 256.8 | 269.7 | 252.7 | 300.1 | 19.1 | 22.1 | 23.1 | 27.0 | Oreg. |
| 27,517 | 30,442 | 8,401 | 8,390 | 316.7 | 249.6 | 201.7 | 224.4 | 28.0 | 29.5 | 27.6 | 30.6 | Calif. |

## No. 583.—VALUE OF FARM PROPERTY: All Property, Land,

[All amounts in

| Division and State | Value of all farm property [1] | | | | Value of land | | | |
|---|---|---|---|---|---|---|---|---|
| | 1900 | 1910 | 1920 | 1925 | 1910 | 1920 | 1925 | 1930 |
| **United States** | 20,439,901 | 40,991,449 | 77,923,652 | 57,017,740 | 28,475,674 | 54,829,563 | 37,721,018 | 34,929,845 |
| **New England** | 639,646 | 867,240 | 1,173,020 | 1,091,545 | 382,134 | 488,125 | 413,932 | 440,972 |
| Maine | 122,411 | 199,272 | 270,527 | 245,869 | 86,481 | 114,412 | 97,524 | 95,621 |
| New Hampshire | 85,842 | 103,704 | 118,656 | 107,084 | 44,519 | 47,425 | 37,226 | 32,179 |
| Vermont | 108,451 | 145,400 | 222,737 | 180,912 | 58,385 | 82,938 | 63,865 | 63,619 |
| Massachusetts | 182,647 | 226,474 | 300,472 | 293,405 | 105,533 | 127,654 | 110,437 | 118,200 |
| Rhode Island | 26,989 | 32,991 | 33,637 | 33,446 | 15,010 | 14,509 | 13,543 | 16,614 |
| Connecticut | 113,306 | 159,400 | 226,992 | 230,829 | 72,206 | 101,187 | 91,337 | 114,739 |
| **Middle Atlantic** | 2,310,887 | 2,959,589 | 3,949,684 | 3,478,716 | 1,462,321 | 1,661,676 | 1,332,457 | 1,282,272 |
| New York | 1,069,724 | 1,451,481 | 1,908,483 | 1,706,930 | 707,748 | 793,336 | 646,980 | 600,085 |
| New Jersey | 189,534 | 254,833 | 311,848 | 311,084 | 124,143 | 142,182 | 130,331 | 152,491 |
| Pennsylvania | 1,051,629 | 1,253,275 | 1,729,353 | 1,460,702 | 630,430 | 726,158 | 555,146 | 529,696 |
| **East North Central** | 5,683,925 | 10,119,128 | 17,245,363 | 12,592,988 | 7,231,699 | 12,046,074 | 7,969,004 | 6,169,552 |
| Ohio | 1,198,924 | 1,902,695 | 3,095,666 | 2,236,902 | 1,285,895 | 2,015,113 | 1,299,024 | 1,032,210 |
| Indiana | 978,616 | 1,809,135 | 3,042,311 | 1,931,742 | 1,328,197 | 2,202,566 | 1,268,777 | 958,634 |
| Illinois | 2,004,317 | 3,905,321 | 6,666,767 | 4,627,965 | 3,090,411 | 5,250,295 | 3,426,455 | 2,555,100 |
| Michigan | 690,356 | 1,088,858 | 1,763,335 | 1,523,977 | 615,258 | 959,187 | 764,871 | 638,023 |
| Wisconsin | 811,712 | 1,413,119 | 2,677,283 | 2,272,402 | 911,938 | 1,618,913 | 1,209,878 | 985,585 |
| **West North Central** | 5,820,994 | 13,535,310 | 27,991,035 | 18,879,178 | 10,052,561 | 21,340,145 | 13,303,048 | 11,643,370 |
| Minnesota | 788,685 | 1,476,412 | 3,787,420 | 2,761,684 | 1,019,102 | 2,750,328 | 1,796,600 | 1,453,960 |
| Iowa | 1,834,346 | 3,745,861 | 8,524,471 | 5,602,078 | 2,801,974 | 6,679,021 | 3,969,814 | 3,186,980 |
| Missouri | 1,033,122 | 2,052,917 | 3,591,068 | 2,286,639 | 1,445,982 | 2,594,193 | 1,562,725 | 1,305,949 |
| North Dakota | 255,267 | 974,814 | 1,759,743 | 1,191,037 | 730,380 | 1,279,314 | 813,722 | 720,077 |
| South Dakota | 297,525 | 1,166,097 | 2,823,870 | 1,658,921 | 902,607 | 2,231,432 | 1,201,015 | 1,033,288 |
| Nebraska | 747,950 | 2,079,819 | 4,201,656 | 2,874,478 | 1,614,539 | 3,330,222 | 2,125,792 | 2,048,664 |
| Kansas | 864,100 | 2,039,390 | 3,302,806 | 2,504,340 | 1,537,977 | 2,475,635 | 1,833,379 | 1,894,452 |
| **South Atlantic** | 1,454,031 | 2,951,201 | 6,132,918 | 4,659,177 | 1,883,350 | 4,000,682 | 2,980,771 | 2,578,136 |
| Delaware | 40,698 | 63,179 | 80,138 | 72,798 | 34,938 | 42,116 | 34,435 | 35,230 |
| Maryland | 204,645 | 286,167 | 463,638 | 397,093 | 163,452 | 259,904 | 207,274 | 198,454 |
| Dist. of Columbia | 11,535 | 8,477 | 5,928 | 5,003 | 7,194 | 4,156 | 3,564 | 6,140 |
| Virginia | 323,516 | 625,065 | 1,196,556 | 999,466 | 394,659 | 756,354 | 600,676 | 533,908 |
| West Virginia | 203,907 | 314,739 | 496,440 | 411,159 | 207,076 | 307,310 | 251,793 | 222,764 |
| North Carolina | 233,835 | 537,716 | 1,250,167 | 1,050,016 | 343,165 | 857,815 | 686,425 | 573,758 |
| South Carolina | 153,591 | 392,128 | 953,065 | 523,084 | 268,775 | 647,157 | 347,087 | 260,135 |
| Georgia | 228,375 | 580,546 | 1,356,685 | 686,673 | 370,353 | 897,445 | 433,649 | 394,892 |
| Florida | 53,929 | 143,183 | 330,302 | 513,884 | 93,738 | 228,425 | 415,869 | 352,855 |
| **East South Central** | 1,195,869 | 2,182,772 | 4,419,417 | 2,898,526 | 1,326,827 | 2,916,141 | 1,827,823 | 1,875,271 |
| Kentucky | 471,046 | 773,798 | 1,511,901 | 963,569 | 484,465 | 1,050,753 | 616,214 | 594,982 |
| Tennessee | 341,202 | 612,521 | 1,251,916 | 883,646 | 371,416 | 807,782 | 555,943 | 515,651 |
| Alabama | 179,400 | 370,138 | 690,849 | 500,740 | 216,944 | 415,764 | 308,664 | 354,039 |
| Missisippi | 204,221 | 426,315 | 964,752 | 550,571 | 254,002 | 641,842 | 347,002 | 410,599 |
| **West South Central** | 1,619,955 | 3,838,154 | 7,622,066 | 5,696,760 | 2,716,099 | 5,408,060 | 4,176,964 | 4,815,599 |
| Arkansas | 181,416 | 400,089 | 924,395 | 628,846 | 246,021 | 607,773 | 420,735 | 407,920 |
| Louisiana | 198,537 | 301,221 | 589,827 | 385,911 | 187,803 | 383,618 | 251,738 | 313,558 |
| Oklahoma [2] | 277,525 | 918,199 | 1,660,424 | 1,210,135 | 649,067 | 1,171,459 | 879,335 | 1,031,251 |
| Texas | 962,476 | 2,218,645 | 4,447,420 | 3,471,867 | 1,633,207 | 3,245,209 | 2,625,157 | 3,062,870 |
| **Mountain** | 601,264 | 1,757,573 | 4,083,138 | 2,758,216 | 1,174,370 | 2,801,712 | 1,838,980 | 2,038,198 |
| Montana | 117,860 | 347,829 | 985,961 | 574,897 | 226,771 | 691,912 | 389,514 | 442,941 |
| Idaho | 67,271 | 305,317 | 716,138 | 451,885 | 219,953 | 511,866 | 309,769 | 340,256 |
| Wyoming | 67,477 | 167,189 | 334,411 | 240,396 | 88,908 | 210,947 | 148,168 | 174,464 |
| Colorado | 161,045 | 491,472 | 1,076,795 | 712,285 | 362,822 | 763,723 | 493,974 | 510,955 |
| New Mexico | 53,768 | 159,448 | 325,186 | 236,301 | 98,806 | 196,341 | 152,033 | 180,721 |
| Arizona | 29,994 | 75,124 | 233,593 | 194,049 | 42,350 | 156,563 | 126,788 | 160,854 |
| Utah | 75,175 | 150,795 | 311,275 | 250,318 | 99,482 | 210,998 | 159,703 | 174,341 |
| Nevada | 28,674 | 60,399 | 99,780 | 98,086 | 35,277 | 59,362 | 59,031 | 53,666 |
| **Pacific** | 1,113,330 | 2,780,482 | 5,307,011 | 4,962,634 | 2,246,314 | 4,166,948 | 3,878,038 | 4,086,475 |
| Washington | 144,041 | 637,543 | 1,057,430 | 823,438 | 517,422 | 797,651 | 584,386 | 608,373 |
| Oregon | 172,761 | 528,244 | 818,560 | 714,410 | 411,696 | 586,242 | 505,141 | 501,947 |
| California | 796,528 | 1,614,695 | 3,431,022 | 3,424,786 | 1,317,195 | 2,783,055 | 2,788,511 | 2,976,155 |

[1] Value of livestock and of all farm property for 1930 are not yet available.
[2] Figures for 1900 include Indian Territory.

Source: Bureau of the Census, Department of Commerce.

BUILDINGS, IMPLEMENTS AND MACHINERY, AND LIVESTOCK, BY STATES

[thousands of dollars]

| Value of buildings | | | | Value of implements and machinery | | | Value of livestock [1] | | | Division and State |
|---|---|---|---|---|---|---|---|---|---|---|
| 1910 | 1920 | 1925 | 1930 | 1920 | 1925 | 1930 | 1910 | 1920 | 1925 | |
| 8,325,452 | 11,486,440 | 11,746,629 | 12,949,994 | 3,594,773 | 2,691,704 | 3,301,663 | 4,925,174 | 8,012,876 | 4,858,389 | U. S. |
| 336,410 | 429,343 | 491,695 | 499,741 | 92,388 | 82,334 | 91,890 | 97,897 | 163,163 | 103,584 | N. E. |
| 73,138 | 89,697 | 99,746 | 98,659 | 26,638 | 24,491 | 28,383 | 25,162 | 39,780 | 24,108 | Me. |
| 41,397 | 42,571 | 49,407 | 45,177 | 9,499 | 8,988 | 8,912 | 11,910 | 19,161 | 11,463 | N. H. |
| 54,203 | 76,179 | 73,406 | 82,316 | 21,234 | 18,130 | 20,776 | 22,643 | 42,385 | 25,511 | Vt. |
| 88,636 | 119,934 | 144,166 | 143,023 | 19,360 | 17,044 | 18,730 | 20,741 | 33,524 | 21,758 | Mass. |
| 12,923 | 11,379 | 14,377 | 17,893 | 2,409 | 2,064 | 2,718 | 3,276 | 4,840 | 3,462 | R. I. |
| 66,113 | 89,084 | 110,594 | 112,673 | 13,248 | 11,616 | 12,371 | 14,164 | 23,473 | 17,282 | Conn. |
| 980,628 | 1,340,462 | 1,467,377 | 1,535,496 | 359,152 | 333,490 | 355,438 | 349,160 | 588,394 | 345,393 | M. A. |
| 476,998 | 631,726 | 720,145 | 715,820 | 169,867 | 169,385 | 173,606 | 183,091 | 313,555 | 170,419 | N. Y. |
| 92,991 | 108,141 | 132,205 | 146,355 | 25,459 | 23,452 | 27,076 | 24,589 | 36,065 | 25,095 | N. J. |
| 410,639 | 600,594 | 615,026 | 673,321 | 163,826 | 140,652 | 154,756 | 141,480 | 238,775 | 149,878 | Pa. |
| 1,642,292 | 2,891,568 | 3,054,655 | 3,167,238 | 786,077 | 567,371 | 626,208 | 976,330 | 1,521,644 | 1,001,458 | E. N. C. |
| 368,258 | 646,323 | 646,607 | 660,821 | 146,575 | 97,893 | 103,176 | 197,332 | 287,655 | 193,378 | Ohio. |
| 266,079 | 451,078 | 426,964 | 456,908 | 127,403 | 79,740 | 86,778 | 173,860 | 261,264 | 156,262 | Ind. |
| 432,381 | 747,699 | 773,004 | 780,949 | 222,620 | 147,104 | 160,413 | 308,804 | 446,154 | 281,402 | Ill. |
| 285,880 | 477,500 | 519,191 | 522,628 | 122,390 | 96,253 | 105,562 | 137,804 | 204,259 | 143,662 | Mich. |
| 289,694 | 568,969 | 688,889 | 745,932 | 167,089 | 146,883 | 170,279 | 158,529 | 322,312 | 226,754 | Wis. |
| 1,562,105 | 3,129,350 | 3,227,843 | 3,515,160 | 1,162,938 | 816,333 | 1,091,603 | 1,551,708 | 2,358,601 | 1,531,954 | W. N. C. |
| 243,339 | 550,840 | 597,142 | 671,134 | 181,088 | 137,966 | 181,767 | 161,641 | 305,164 | 229,977 | Minn. |
| 455,406 | 922,752 | 984,632 | 1,037,526 | 309,172 | 227,282 | 270,516 | 393,003 | 613,526 | 420,349 | Iowa. |
| 270,222 | 468,774 | 440,561 | 490,297 | 138,261 | 75,955 | 94,522 | 285,839 | 389,839 | 207,398 | Mo. |
| 92,277 | 209,208 | 206,381 | 231,149 | 114,187 | 76,631 | 118,744 | 108,250 | 157,035 | 94,303 | N. D. |
| 102,474 | 241,462 | 236,273 | 251,865 | 112,408 | 75,411 | 107,344 | 127,229 | 238,568 | 146,222 | S. D. |
| 198,808 | 381,885 | 398,282 | 446,539 | 153,104 | 111,799 | 150,925 | 222,222 | 336,444 | 238,605 | Nebr. |
| 199,580 | 354,429 | 364,572 | 386,650 | 154,717 | 111,288 | 167,785 | 253,524 | 318,025 | 195,100 | Kans. |
| 603,087 | 1,201,092 | 1,118,173 | 1,273,943 | 283,981 | 195,639 | 202,947 | 366,534 | 647,163 | 364,594 | S. A. |
| 18,218 | 22,640 | 25,241 | 31,711 | 6,781 | 5,906 | 7,285 | 6,817 | 8,601 | 7,217 | Del. |
| 78,286 | 126,693 | 134,087 | 157,716 | 28,970 | 22,885 | 25,682 | 32,570 | 48,071 | 32,846 | Md. |
| 1,037 | 1,421 | 1,231 | 1,003 | 104 | 108 | 93 | 153 | 246 | 100 | D. C. |
| 137,399 | 268,081 | 286,138 | 321,942 | 50,151 | 40,021 | 44,319 | 74,891 | 121,969 | 72,631 | Va. |
| 57,315 | 103,474 | 104,361 | 119,213 | 18,395 | 15,687 | 15,268 | 43,336 | 67,261 | 39,319 | W. Va. |
| 113,460 | 218,578 | 239,601 | 270,364 | 54,621 | 46,437 | 42,212 | 62,650 | 119,153 | 77,554 | N. C. |
| 64,113 | 166,327 | 110,536 | 119,055 | 48,062 | 23,105 | 21,425 | 45,131 | 91,518 | 42,357 | S. C. |
| 108,851 | 240,854 | 153,905 | 182,447 | 63,343 | 26,986 | 31,217 | 80,394 | 155,043 | 72,133 | Ga. |
| 24,408 | 53,025 | 63,073 | 70,492 | 13,552 | 14,504 | 15,446 | 20,591 | 35,301 | 20,439 | Fla. |
| 411,571 | 747,552 | 653,007 | 810,093 | 176,065 | 123,550 | 157,459 | 369,035 | 579,659 | 294,147 | E. S. C. |
| 150,995 | 254,406 | 231,213 | 276,467 | 48,355 | 30,629 | 36,547 | 117,487 | 158,387 | 85,513 | Ky. |
| 109,107 | 217,198 | 203,483 | 227,571 | 53,463 | 40,746 | 45,758 | 110,706 | 173,473 | 83,473 | Tenn. |
| 71,309 | 127,894 | 106,195 | 148,332 | 34,366 | 23,851 | 33,545 | 65,595 | 112,825 | 62,031 | Ala. |
| 80,160 | 148,054 | 112,116 | 157,723 | 39,881 | 28,323 | 41,609 | 75,247 | 134,974 | 63,129 | Miss. |
| 412,498 | 883,128 | 782,469 | 990,552 | 311,099 | 252,866 | 336,335 | 589,837 | 1,019,779 | 484,460 | W. S. C. |
| 63,145 | 145,337 | 119,992 | 139,909 | 43,432 | 31,255 | 33,116 | 74,058 | 127,853 | 56,865 | Ark. |
| 49,741 | 90,421 | 72,940 | 104,634 | 32,715 | 21,333 | 28,174 | 44,699 | 83,073 | 39,900 | La. |
| 89,611 | 192,406 | 169,422 | 211,472 | 80,631 | 58,379 | 92,858 | 152,433 | 215,928 | 102,998 | Okla. |
| 210,001 | 454,965 | 420,114 | 534,537 | 154,321 | 141,899 | 182,187 | 318,647 | 592,926 | 284,698 | Tex. |
| 145,027 | 361,476 | 334,002 | 420,285 | 190,716 | 129,257 | 210,944 | 388,747 | 729,234 | 455,977 | Mt. |
| 24,855 | 84,855 | 65,881 | 84,669 | 55,004 | 30,633 | 62,070 | 85,663 | 154,190 | 88,869 | Mont. |
| 25,113 | 69,646 | 63,557 | 76,994 | 38,417 | 26,526 | 39,749 | 49,775 | 96,209 | 52,033 | Idaho. |
| 9,007 | 23,801 | 24,508 | 32,388 | 11,778 | 9,172 | 17,618 | 65,606 | 87,885 | 58,548 | Wyo. |
| 45,697 | 102,291 | 98,481 | 118,392 | 49,805 | 33,473 | 50,241 | 70,161 | 160,977 | 86,357 | Colo. |
| 13,025 | 25,473 | 22,884 | 27,138 | 9,745 | 8,712 | 12,997 | 43,495 | 93,626 | 52,671 | N. M. |
| 4,936 | 15,763 | 17,226 | 23,377 | 8,821 | 6,928 | 10,414 | 26,051 | 52,447 | 43,107 | Ariz. |
| 18,063 | 32,754 | 32,499 | 46,882 | 13,515 | 10,097 | 13,636 | 28,782 | 54,008 | 48,019 | Utah. |
| 4,333 | 6,893 | 8,966 | 10,445 | 3,631 | 3,715 | 4,219 | 19,214 | 29,894 | 26,374 | Nev. |
| 231,333 | 502,469 | 617,409 | 737,486 | 232,358 | 190,365 | 228,839 | 235,927 | 405,237 | 276,822 | Pac. |
| 54,546 | 122,741 | 142,504 | 165,289 | 54,721 | 41,235 | 50,512 | 48,865 | 82,316 | 55,313 | Wash. |
| 43,880 | 88,971 | 110,927 | 128,881 | 41,567 | 35,643 | 42,586 | 59,462 | 101,779 | 62,699 | Oreg. |
| 133,406 | 290,756 | 363,977 | 443,316 | 136,069 | 113,488 | 135,741 | 127,600 | 221,141 | 158,810 | Calif. |

## No. 584.—AVERAGE VALUES PER FARM AND PER ACRE: By States

| Division and State | Average value per farm (dollars) | | | | | | | Average value of land per acre (dollars) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | All farm property[1] | | | Land and buildings | | | | | | | |
| | 1910 | 1920 | 1925 | 1910 | 1920 | 1925 | 1930 | 1910 | 1920 | 1925 | 1930 |
| **United States** | 6,444 | 12,084 | 8,949 | 5,471 | 10,284 | 7,764 | 7,614 | 32.40 | 57.36 | 40.81 | 35.40 |
| **New England** | 4,593 | 7,492 | 6,844 | 3,806 | 5,860 | 5,678 | 7,530 | 19.38 | 28.73 | 26.10 | 30.87 |
| Maine | 3,320 | 5,609 | 4,914 | 2,660 | 4,232 | 3,943 | 4,981 | 13.73 | 21.09 | 18.89 | 20.61 |
| New Hampshire | 3,833 | 5,782 | 5,084 | 3,176 | 4,385 | 4,113 | 5,190 | 13.70 | 18.21 | 16.46 | 16.42 |
| Vermont | 4,445 | 7,661 | 6,511 | 3,442 | 5,473 | 4,940 | 5,861 | 12.52 | 19.58 | 16.27 | 16.33 |
| Massachusetts | 6,135 | 9,389 | 8,770 | 5,260 | 7,737 | 7,611 | 10,205 | 36.69 | 51.17 | 46.64 | 58.94 |
| Rhode Island | 6,234 | 8,238 | 8,552 | 5,278 | 6,463 | 7,139 | 10,388 | 33.86 | 43.75 | 43.83 | 59.47 |
| Connecticut | 5,944 | 10,019 | 9,932 | 5,158 | 8,399 | 8,689 | 13,226 | 33.03 | 53.28 | 49.85 | 76.38 |
| **Middle Atlantic** | 6,319 | 9,290 | 8,305 | 5,216 | 7,061 | 6,684 | 7,880 | 33.86 | 40.96 | 35.54 | 36.59 |
| New York | 6,732 | 9,879 | 9,043 | 5,495 | 7,376 | 7,243 | 8,234 | 32.13 | 38.45 | 33.57 | 33.38 |
| New Jersey | 7,610 | 10,499 | 10,484 | 6,484 | 8,428 | 8,848 | 11,776 | 48.23 | 62.29 | 67.72 | 86.74 |
| Pennsylvania | 5,715 | 8,551 | 7,287 | 4,747 | 6,560 | 5,838 | 6,977 | 33.92 | 41.12 | 34.07 | 34.60 |
| **East North Central** | 9,007 | 15,898 | 11,975 | 7,899 | 13,771 | 10,483 | 9,660 | 61.32 | 102.31 | 70.68 | 55.64 |
| Ohio | 6,994 | 12,060 | 9,141 | 6,080 | 10,368 | 7,951 | 7,720 | 53.34 | 85.69 | 58.46 | 47.98 |
| Indiana | 8,396 | 14,831 | 9,867 | 7,399 | 12,937 | 8,661 | 7,796 | 62.36 | 104.57 | 63.71 | 48.69 |
| Illinois | 15,505 | 28,108 | 20,514 | 13,986 | 25,289 | 18,615 | 15,553 | 95.02 | 164.20 | 111.49 | 83.24 |
| Michigan | 5,261 | 8,976 | 7,924 | 4,354 | 7,313 | 6,676 | 6,853 | 32.48 | 50.40 | 42.41 | 37.27 |
| Wisconsin | 7,978 | 14,143 | 11,765 | 6,784 | 11,558 | 9,830 | 9,526 | 43.30 | 73.09 | 55.37 | 45.06 |
| **West North Central** | 12,195 | 25,517 | 16,988 | 10,464 | 22,307 | 14,875 | 13,623 | 43.21 | 83.04 | 53.62 | 43.86 |
| Minnesota | 9,456 | 21,221 | 14,672 | 8,085 | 18,496 | 12,717 | 11,471 | 36.82 | 91.00 | 59.77 | 47.03 |
| Iowa | 17,259 | 39,939 | 26,240 | 15,008 | 35,616 | 23,207 | 19,655 | 82.58 | 199.52 | 119.28 | 93.68 |
| Missouri | 7,405 | 13,654 | 8,779 | 6,190 | 11,646 | 7,691 | 7,018 | 41.80 | 74.60 | 47.87 | 38.70 |
| North Dakota | 13,109 | 22,651 | 15,678 | 11,063 | 19,160 | 13,428 | 12,199 | 25.69 | 35.33 | 23.70 | 18.63 |
| South Dakota | 15,018 | 37,835 | 20,857 | 12,945 | 33,132 | 18,071 | 15,455 | 34.69 | 64.42 | 37.51 | 28.33 |
| Nebraska | 16,038 | 33,771 | 22,504 | 13,983 | 29,836 | 19,760 | 19,274 | 41.80 | 78.87 | 50.58 | 45.82 |
| Kansas | 11,467 | 19,982 | 15,097 | 9,770 | 17,122 | 13,250 | 13,738 | 35.45 | 54.50 | 41.93 | 40.33 |
| **South Atlantic** | 2,654 | 5,292 | 4,205 | 2,236 | 4,488 | 3,699 | 3,639 | 18.15 | 40.92 | 33.65 | 29.85 |
| Delaware | 5,830 | 7,903 | 7,097 | 4,905 | 6,386 | 5,818 | 6,896 | 33.63 | 44.59 | 38.28 | 39.11 |
| Maryland | 5,849 | 9,678 | 8,104 | 4,941 | 8,070 | 6,966 | 8,244 | 32.32 | 54.62 | 46.75 | 45.37 |
| District of Columbia | 39,062 | 29,059 | 35,992 | 37,932 | 27,340 | 34,500 | 68,690 | 1,186.53 | 733.27 | 934.71 | 999.57 |
| Virginia | 3,397 | 6,425 | 5,159 | 2,891 | 5,501 | 4,578 | 5,016 | 20.24 | 40.75 | 34.90 | 31.92 |
| West Virginia | 3,255 | 5,687 | 4,549 | 2,735 | 4,706 | 3,941 | 4,135 | 20.65 | 32.11 | 28.04 | 25.31 |
| North Carolina | 2,119 | 4,634 | 3,704 | 1,800 | 3,990 | 3,267 | 3,018 | 15.29 | 42.84 | 36.92 | 31.78 |
| South Carolina | 2,223 | 4,946 | 3,028 | 1,887 | 4,222 | 2,649 | 2,401 | 19.89 | 52.08 | 32.62 | 25.03 |
| Georgia | 1,995 | 4,366 | 2,757 | 1,647 | 3,663 | 2,359 | 2,259 | 13.74 | 35.28 | 19.76 | 17.89 |
| Florida | 2,863 | 6,116 | 8,678 | 2,362 | 5,212 | 8,088 | 7,179 | 17.84 | 37.78 | 70.91 | 70.20 |
| **East South Central** | 2,094 | 4,203 | 2,881 | 1,668 | 3,484 | 2,466 | 2,528 | 16.28 | 36.96 | 25.89 | 25.75 |
| Kentucky | 2,986 | 5,587 | 3,727 | 2,452 | 4,823 | 3,278 | 3,535 | 21.83 | 48.62 | 30.95 | 29.86 |
| Tennessee | 2,490 | 4,953 | 3,497 | 1,953 | 4,055 | 3,006 | 3,025 | 18.53 | 41.40 | 31.06 | 28.64 |
| Alabama | 1,408 | 2,698 | 2,107 | 1,096 | 2,123 | 1,746 | 1,952 | 10.46 | 21.24 | 18.44 | 20.17 |
| Mississippi | 1,554 | 3,546 | 2,140 | 1,218 | 2,903 | 1,785 | 1,818 | 13.69 | 35.27 | 21.62 | 23.69 |
| **West South Central** | 4,069 | 7,652 | 5,600 | 3,317 | 6,316 | 4,875 | 5,263 | 16.06 | 31.18 | 25.31 | 26.19 |
| Arkansas | 1,864 | 3,974 | 2,833 | 1,440 | 3,238 | 2,436 | 2,261 | 14.13 | 34.82 | 26.91 | 25.41 |
| Louisiana | 2,499 | 4,354 | 2,914 | 1,971 | 3,499 | 2,451 | 2,590 | 17.99 | 38.29 | 28.49 | 33.52 |
| Oklahoma | 4,828 | 8,649 | 6,136 | 3,884 | 7,104 | 5,318 | 6,096 | 22.49 | 36.66 | 28.49 | 30.52 |
| Texas | 5,311 | 10,200 | 7,456 | 4,412 | 8,486 | 6,540 | 7,260 | 14.53 | 28.46 | 23.94 | 24.56 |
| **Mountain** | 9,581 | 16,727 | 11,818 | 7,192 | 12,958 | 9,310 | 10,188 | 19.73 | 23.88 | 13.96 | 12.95 |
| Montana | 13,269 | 17,095 | 12,257 | 9,599 | 13,468 | 9,709 | 11,109 | 16.74 | 19.73 | 11.90 | 9.92 |
| Idaho | 9,911 | 17,008 | 11,132 | 7,955 | 13,811 | 9,197 | 10,012 | 41.63 | 61.11 | 38.17 | 36.40 |
| Wyoming | 15,217 | 21,235 | 15,497 | 8,912 | 14,907 | 11,132 | 12,919 | 10.41 | 17.86 | 7.94 | 7.42 |
| Colorado | 10,645 | 17,966 | 12,277 | 8,848 | 14,449 | 10,211 | 10,497 | 26.81 | 31.22 | 20.44 | 17.69 |
| New Mexico | 4,469 | 10,896 | 7,457 | 3,135 | 7,432 | 5,520 | 6,619 | 8.77 | 8.04 | 5.46 | 5.86 |
| Arizona | 8,142 | 23,418 | 17,964 | 5,125 | 17,276 | 13,332 | 12,999 | 33.97 | 26.98 | 11.46 | 15.28 |
| Utah | 6,957 | 12,130 | 9,631 | 5,423 | 9,499 | 7,395 | 8,145 | 29.28 | 41.78 | 31.94 | 31.06 |
| Nevada | 22,462 | 31,546 | 25,260 | 14,730 | 20,947 | 17,512 | 18,626 | 12.99 | 25.18 | 14.43 | 13.15 |
| **Pacific** | 14,643 | 22,664 | 18,686 | 13,050 | 19,941 | 16,926 | 18,431 | 43.76 | 74.21 | 71.47 | 67.52 |
| Washington | 11,346 | 15,952 | 11,239 | 10,179 | 13,885 | 9,921 | 10,911 | 44.18 | 60.22 | 46.34 | 44.95 |
| Oregon | 11,609 | 16,304 | 12,778 | 10,012 | 13,449 | 11,019 | 11,438 | 35.23 | 43.29 | 35.75 | 30.33 |
| California | 18,308 | 29,158 | 25,107 | 16,447 | 26,122 | 23,111 | 25,203 | 47.16 | 94.77 | 101.34 | 97.76 |

[1] Data for 1930 are not yet available.

Source: Bureau of the Census, Department of Commerce.

## No. 585.—NUMBER OF FARMS: By Size and by States

| Division and State | Total | Under 20 acres | 20 to 49 acres | 50 to 99 acres | 100 to 174 acres | 175 to 259 acres | 260 to 499 acres | 500 to 999 acres | 1,000 acres and over |
|---|---|---|---|---|---|---|---|---|---|
| United States: | | | | | | | | | |
| 1900 | 5,737,372 | 673,870 | 1,257,496 | 1,366,038 | 1,422,262 | 490,069 | 377,951 | 102,526 | 47,160 |
| 1910 | 6,361,502 | 839,166 | 1,414,376 | 1,438,069 | 1,516,286 | 534,191 | 443,984 | 125,295 | 50,135 |
| 1920 | 6,448,343 | 796,535 | 1,503,732 | 1,474,745 | 1,449,630 | 530,800 | 475,677 | 149,819 | 67,405 |
| 1925 | 6,371,640 | 966,584 | 1,480,643 | 1,421,078 | 1,383,777 | 503,417 | 438,961 | 143,852 | 63,328 |
| 1930 | 6,288,648 | 918,131 | 1,440,378 | 1,374,965 | 1,342,927 | 520,593 | 451,338 | 159,696 | 80,620 |
| **New England** | 124,925 | 19,977 | 20,284 | 29,740 | 30,658 | 13,774 | 8,329 | 1,773 | 392 |
| Maine | 39,005 | 3,507 | 5,211 | 11,227 | 11,640 | 4,514 | 2,331 | 454 | 92 |
| New Hampshire | 14,906 | 1,870 | 2,314 | 3,584 | 3,670 | 1,803 | 1,221 | 354 | 90 |
| Vermont | 24,898 | 2,697 | 2,268 | 4,129 | 7,396 | 4,535 | 3,195 | 590 | 88 |
| Massachusetts | 25,598 | 7,589 | 5,869 | 5,491 | 3,982 | 1,505 | 877 | 211 | 74 |
| Rhode Island | 3,322 | 850 | 729 | 817 | 572 | 193 | 118 | 32 | 11 |
| Connecticut | 17,195 | 3,464 | 3,893 | 4,492 | 3,396 | 1,194 | 587 | 132 | 37 |
| **Middle Atlantic** | 357,603 | 53,337 | 56,885 | 100,639 | 98,813 | 32,186 | 13,744 | 1,666 | 333 |
| New York | 159,806 | 19,428 | 21,531 | 41,529 | 47,966 | 19,095 | 9,093 | 995 | 169 |
| New Jersey | 25,378 | 7,587 | 5,425 | 5,732 | 4,946 | 1,156 | 425 | 72 | 35 |
| Pennsylvania | 172,419 | 26,322 | 29,929 | 53,378 | 45,901 | 11,935 | 4,226 | 599 | 129 |
| **East North Central** | 966,502 | 82,339 | 135,908 | 280,162 | 301,247 | 109,222 | 51,631 | 5,301 | 692 |
| Ohio | 219,296 | 24,909 | 33,734 | 71,160 | 63,920 | 17,790 | 6,888 | 791 | 104 |
| Indiana | 181,670 | 19,603 | 27,866 | 52,199 | 53,155 | 18,731 | 8,949 | 953 | 114 |
| Illinois | 214,497 | 16,839 | 21,654 | 41,673 | 72,347 | 38,124 | 21,604 | 2,061 | 190 |
| Michigan | 169,372 | 12,235 | 32,184 | 57,749 | 47,723 | 13,403 | 5,275 | 636 | 167 |
| Wisconsin | 181,767 | 8,753 | 20,470 | 57,376 | 64,102 | 21,174 | 8,915 | 860 | 117 |
| **West North Central** | 1,112,755 | 65,160 | 82,749 | 159,211 | 337,884 | 174,206 | 202,614 | 68,644 | 22,287 |
| Minnesota | 185,255 | 8,163 | 14,966 | 33,150 | 66,698 | 33,054 | 25,881 | 3,100 | 233 |
| Iowa | 214,928 | 15,522 | 12,178 | 32,209 | 84,722 | 42,615 | 25,546 | 2,002 | 134 |
| Missouri | 255,940 | 22,103 | 39,787 | 60,119 | 74,138 | 33,792 | 21,658 | 3,760 | 583 |
| North Dakota | 77,975 | 703 | 826 | 1,351 | 9,641 | 5,505 | 33,450 | 21,066 | 5,433 |
| South Dakota | 83,157 | 1,626 | 1,537 | 3,038 | 18,034 | 10,739 | 29,559 | 13,401 | 5,223 |
| Nebraska | 129,458 | 6,039 | 4,191 | 10,118 | 41,731 | 23,010 | 28,135 | 10,260 | 5,974 |
| Kansas | 166,042 | 11,004 | 9,264 | 19,226 | 42,920 | 25,481 | 38,385 | 15,055 | 4,707 |
| **South Atlantic** | 1,058,468 | 192,373 | 345,857 | 262,862 | 157,143 | 54,079 | 33,470 | 9,615 | 3,069 |
| Delaware | 9,707 | 1,319 | 2,062 | 2,815 | 2,305 | 776 | 371 | 51 | 8 |
| Maryland | 43,203 | 8,425 | 7,835 | 9,521 | 10,341 | 4,370 | 2,252 | 389 | 70 |
| Dist. of Columbia | 104 | 66 | 30 | 3 | 1 | 2 | 1 | 1 | ------- |
| Virginia | 170,610 | 33,558 | 41,361 | 40,242 | 31,258 | 12,443 | 8,600 | 2,483 | 665 |
| West Virginia | 82,641 | 11,364 | 16,755 | 23,990 | 18,049 | 6,865 | 4,169 | 1,113 | 336 |
| North Carolina | 279,708 | 57,903 | 97,492 | 72,673 | 35,682 | 9,604 | 4,930 | 1,121 | 303 |
| South Carolina | 157,931 | 35,916 | 63,297 | 33,318 | 15,448 | 4,919 | 3,408 | 1,167 | 458 |
| Georgia | 255,598 | 26,049 | 97,150 | 69,751 | 37,853 | 12,976 | 8,180 | 2,722 | 917 |
| Florida | 58,966 | 17,773 | 19,875 | 10,549 | 6,206 | 2,124 | 1,559 | 568 | 312 |
| **East South Central** | 1,062,214 | 229,788 | 381,738 | 234,993 | 140,103 | 43,313 | 24,568 | 5,895 | 1,816 |
| Kentucky | 246,499 | 50,694 | 56,673 | 67,210 | 47,908 | 14,870 | 7,437 | 1,407 | 300 |
| Tennessee | 245,657 | 46,585 | 77,665 | 63,382 | 38,183 | 11,925 | 6,344 | 1,312 | 261 |
| Alabama | 257,395 | 38,755 | 115,123 | 59,817 | 27,889 | 8,385 | 5,259 | 1,527 | 640 |
| Mississippi | 312,663 | 93,754 | 132,277 | 44,584 | 26,123 | 8,133 | 5,528 | 1,649 | 615 |
| **West South Central** | 1,103,134 | 153,202 | 326,965 | 244,315 | 212,422 | 68,182 | 61,435 | 21,391 | 14,722 |
| Arkansas | 242,334 | 48,680 | 98,162 | 49,921 | 30,492 | 8,665 | 4,985 | 1,091 | 338 |
| Louisiana | 161,445 | 46,248 | 75,082 | 22,550 | 10,379 | 3,026 | 2,511 | 979 | 670 |
| Oklahoma | 203,866 | 12,172 | 33,055 | 48,362 | 64,685 | 17,565 | 20,704 | 5,490 | 1,833 |
| Texas | 495,489 | 46,102 | 120,666 | 123,482 | 106,866 | 38,926 | 33,235 | 14,331 | 11,881 |
| **Mountain** | 241,314 | 34,966 | 27,638 | 23,319 | 36,631 | 14,220 | 39,517 | 33,503 | 26,520 |
| Montana | 47,495 | 1,610 | 1,477 | 2,161 | 5,551 | 2,496 | 11,432 | 12,267 | 10,501 |
| Idaho | 41,674 | 4,618 | 7,091 | 9,010 | 8,547 | 3,377 | 5,084 | 2,702 | 1,245 |
| Wyoming | 16,011 | 477 | 486 | 1,039 | 2,194 | 969 | 2,966 | 3,795 | 4,085 |
| Colorado | 59,956 | 7,452 | 4,728 | 5,990 | 10,499 | 3,952 | 11,100 | 8,982 | 5,253 |
| New Mexico | 31,404 | 8,889 | 4,211 | 2,524 | 3,472 | 1,138 | 4,008 | 3,726 | 3,436 |
| Arizona | 14,173 | 4,930 | 2,872 | 1,822 | 1,984 | 442 | 724 | 681 | 718 |
| Utah | 27,159 | 6,617 | 6,268 | 5,235 | 3,805 | 1,617 | 1,794 | 1,030 | 793 |
| Nevada | 3,442 | 373 | 505 | 538 | 579 | 229 | 409 | 320 | 489 |
| **Pacific** | 261,733 | 86,989 | 62,354 | 34,724 | 28,028 | 11,411 | 16,030 | 11,408 | 10,789 |
| Washington | 70,904 | 23,394 | 16,833 | 9,414 | 7,774 | 2,768 | 4,464 | 3,518 | 2,739 |
| Oregon | 55,153 | 12,666 | 10,573 | 8,932 | 8,693 | 3,667 | 4,597 | 3,029 | 2,996 |
| California | 135,676 | 50,929 | 34,948 | 16,378 | 11,561 | 4,976 | 6,969 | 4,861 | 5,054 |

Source: Bureau of the Census, Department of Commerce.

## No. 586.—NUMBER AND ACREAGE OF FARMS: By Size, for Each Division

Note.—For totals for United States see Tables 585 and 588

| Items, year, and division | Total | Under 20 acres | 20 to 49 acres | 50 to 99 acres | 100 to 174 acres | 175 to 499 acres | 500 to 999 acres | 1,000 acres and over |
|---|---|---|---|---|---|---|---|---|
| | Number of farms | | | | | | | |
| **New England:** | | | | | | | | |
| 1900 | 191,888 | 28,018 | 33,805 | 49,389 | 48,039 | 30,007 | 2,133 | 497 |
| 1920 | 156,564 | 25,886 | 27,117 | 38,036 | 37,993 | 25,173 | 1,916 | 443 |
| 1925 | 159,489 | 30,385 | 29,271 | 38,368 | 36,799 | 22,744 | 1,544 | 378 |
| 1930 | 124,925 | 19,977 | 20,284 | 29,740 | 30,656 | 22,103 | 1,773 | 392 |
| **Middle Atlantic:** | | | | | | | | |
| 1900 | 485,618 | 75,165 | 84,330 | 142,341 | 129,501 | 51,815 | 1,907 | 559 |
| 1920 | 425,147 | 65,725 | 70,492 | 120,323 | 116,009 | 50,437 | 1,736 | 425 |
| 1925 | 418,868 | 74,437 | 71,373 | 117,598 | 108,546 | 45,213 | 1,413 | 288 |
| 1930 | 357,603 | 53,337 | 56,885 | 100,639 | 98,813 | 45,930 | 1,666 | 333 |
| **East North Central:** | | | | | | | | |
| 1900 | 1,135,823 | 100,071 | 230,411 | 350,291 | 301,629 | 146,901 | 5,569 | 951 |
| 1920 | 1,084,744 | 90,703 | 172,052 | 335,439 | 325,390 | 155,489 | 4,912 | 759 |
| 1925 | 1,051,572 | 96,958 | 168,002 | 319,425 | 311,568 | 150,504 | 4,472 | 643 |
| 1930 | 966,502 | 82,339 | 135,908 | 280,162 | 301,247 | 160,853 | 5,301 | 692 |
| **West North Central:** | | | | | | | | |
| 1900 | 1,060,744 | 47,650 | 110,718 | 212,600 | 354,794 | 288,187 | 36,186 | 10,609 |
| 1920 | 1,096,951 | 46,093 | 81,820 | 170,896 | 351,003 | 366,438 | 60,561 | 20,140 |
| 1925 | 1,111,314 | 59,990 | 89,827 | 170,617 | 351,199 | 363,535 | 58,840 | 17,306 |
| 1930 | 1,112,755 | 65,160 | 82,749 | 159,211 | 337,884 | 376,820 | 68,644 | 22,287 |
| **South Atlantic:** | | | | | | | | |
| 1900 | 962,225 | 147,165 | 265,623 | 216,522 | 181,290 | 128,541 | 17,191 | 5,893 |
| 1920 | 1,158,976 | 187,326 | 401,259 | 280,114 | 175,311 | 99,833 | 11,269 | 3,864 |
| 1925 | 1,108,061 | 233,729 | 354,421 | 255,439 | 160,805 | 90,252 | 10,076 | 3,339 |
| 1930 | 1,058,468 | 192,373 | 345,857 | 262,862 | 157,143 | 87,549 | 9,615 | 3,069 |
| **East South Central:** | | | | | | | | |
| 1900 | 903,313 | 153,359 | 280,010 | 204,914 | 159,531 | 92,783 | 9,777 | 2,939 |
| 1920 | 1,051,600 | 203,187 | 373,138 | 235,444 | 152,992 | 77,078 | 7,245 | 2,516 |
| 1925 | 1,006,052 | 224,494 | 346,230 | 222,577 | 138,159 | 66,571 | 6,077 | 1,944 |
| 1930 | 1,062,214 | 229,788 | 381,738 | 234,993 | 140,103 | 67,881 | 5,895 | 1,816 |
| **West South Central:** | | | | | | | | |
| 1900 | 754,853 | 84,898 | 218,481 | 161,611 | 178,015 | 82,662 | 15,047 | 14,139 |
| 1920 | 996,088 | 97,878 | 296,729 | 235,213 | 212,167 | 120,429 | 19,717 | 13,955 |
| 1925 | 1,017,305 | 135,318 | 297,911 | 235,016 | 205,986 | 112,675 | 18,063 | 12,336 |
| 1930 | 1,103,134 | 153,202 | 326,965 | 244,315 | 212,422 | 129,617 | 21,891 | 14,722 |
| **Mountain:** | | | | | | | | |
| 1900 | 101,327 | 16,366 | 12,685 | 11,243 | 33,963 | 17,553 | 4,932 | 4,585 |
| 1920 | 244,109 | 22,071 | 25,392 | 26,896 | 45,855 | 77,982 | 30,005 | 15,908 |
| 1925 | 233,392 | 26,678 | 26,892 | 27,522 | 40,306 | 62,076 | 31,877 | 18,041 |
| 1930 | 241,314 | 34,966 | 27,638 | 28,319 | 36,631 | 53,737 | 33,503 | 26,520 |
| **Pacific:** | | | | | | | | |
| 1900 | 141,581 | 21,178 | 21,433 | 17,127 | 35,500 | 29,571 | 9,784 | 6,988 |
| 1920 | 234,164 | 57,666 | 55,733 | 32,384 | 32,910 | 33,618 | 12,458 | 9,395 |
| 1925 | 265,587 | 84,595 | 66,716 | 34,516 | 30,409 | 28,808 | 11,490 | 9,053 |
| 1930 | 261,733 | 86,989 | 62,354 | 34,724 | 28,028 | 27,441 | 11,408 | 10,789 |
| | Acreage in farms (thousands of acres) | | | | | | | |
| **All land in farms, 1930:** | | | | | | | | |
| New England | 14,283 | 183 | 672 | 2,112 | 3,933 | 5,650 | 1,099 | 634 |
| Middle Atlantic | 35,047 | 500 | 1,907 | 7,264 | 12,600 | 11,157 | 1,037 | 582 |
| East North Central | 110,891 | 768 | 4,791 | 21,138 | 39,939 | 39,812 | 3,274 | 1,169 |
| West North Central | 265,488 | 553 | 2,882 | 12,195 | 48,428 | 109,191 | 46,959 | 45,280 |
| South Atlantic | 86,363 | 2,116 | 11,040 | 17,922 | 19,756 | 22,663 | 6,232 | 6,634 |
| East South Central | 72,818 | 2,782 | 11,746 | 16,258 | 17,754 | 17,235 | 3,807 | 3,236 |
| West South Central | 183,906 | 1,828 | 10,360 | 17,195 | 28,611 | 35,483 | 14,719 | 75,710 |
| Mountain | 157,450 | 267 | 923 | 2,106 | 5,320 | 17,409 | 23,852 | 107,573 |
| Pacific | 60,525 | 711 | 1,938 | 2,494 | 3,866 | 8,189 | 7,940 | 35,387 |
| **Crop land harvested, 1929:** | | | | | | | | |
| New England | 3,659 | 87 | 243 | 661 | 1,117 | 1,323 | 173 | 55 |
| Middle Atlantic | 14,324 | 260 | 966 | 3,534 | 5,466 | 3,775 | 238 | 85 |
| East North Central | 56,644 | 321 | 2,206 | 10,786 | 20,937 | 20,705 | 1,379 | 310 |
| West North Central | 138,716 | 239 | 1,358 | 6,425 | 29,117 | 65,300 | 24,029 | 12,248 |
| South Atlantic | 27,520 | 1,411 | 6,580 | 7,278 | 5,711 | 4,911 | 997 | 632 |
| East South Central | 25,148 | 2,109 | 7,592 | 6,260 | 4,731 | 3,517 | 579 | 360 |
| West South Central | 56,837 | 1,451 | 7,574 | 9,882 | 14,442 | 15,354 | 4,748 | 3,386 |
| Mountain | 23,279 | 172 | 564 | 1,202 | 2,266 | 5,935 | 5,706 | 7,434 |
| Pacific | 13,115 | 440 | 1,119 | 1,196 | 1,368 | 2,614 | 2,142 | 4,236 |

Source: Bureau of the Census, Department of Commerce.

## No. 587.—NUMBER OF FARMS: By Size and by Tenure and Color of Operator

| Size of farm, tenure, and color | 1890 | 1900 | 1910 | 1920 | 1925 | 1930 |
|---|---|---|---|---|---|---|
| BY SIZE | | | | | | |
| **Number, total** | 4,564,641 | 5,737,372 | 6,361,502 | 6,448,343 | 6,371,640 | 6,288,648 |
| Under 10 acres | 150,194 | 267,229 | 335,043 | 288,772 | 378,535 | 358,504 |
| 10 to 19 acres | 265,550 | 406,641 | 504,123 | 507,763 | 588,049 | 559,627 |
| 20 to 49 acres | 902,777 | 1,257,496 | 1,414,376 | 1,503,732 | 1,450,643 | 1,440,378 |
| 50 to 99 acres | 1,121,485 | 1,366,038 | 1,438,069 | 1,474,745 | 1,421,078 | 1,374,965 |
| 100 to 499 acres | 2,008,694 | 2,290,282 | 2,494,461 | 2,456,107 | 2,326,155 | 2,314,858 |
| 100 to 174 acres | ---------- | 1,422,262 | 1,516,286 | 1,449,630 | 1,383,777 | 1,342,927 |
| 175 to 259 acres | ---------- | 490,069 | 534,191 | 530,800 | 503,417 | 520,593 |
| 260 to 499 acres | ---------- | 377,951 | 443,984 | 475,677 | 438,961 | 451,338 |
| 500 to 999 acres | 84,395 | 102,526 | 125,295 | 149,819 | 143,852 | 159,696 |
| 1,000 acres and over | 31,546 | 47,160 | 50,135 | 67,405 | 63,328 | 80,620 |
| Per cent distribution, total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Under 10 acres | 3.3 | 4.7 | 5.3 | 4.5 | 5.9 | 5.7 |
| 10 to 19 acres | 5.8 | 7.1 | 7.9 | 7.9 | 9.2 | 8.9 |
| 20 to 49 acres | 19.8 | 21.9 | 22.2 | 23.3 | 22.8 | 22.9 |
| 50 to 99 acres | 24.6 | 23.8 | 22.6 | 22.9 | 22.3 | 21.9 |
| 100 to 499 acres | 44.0 | 39.9 | 39.2 | 38.1 | 36.5 | 36.8 |
| 100 to 174 acres | ---------- | 24.8 | 23.8 | 22.5 | 21.7 | 21.3 |
| 175 to 259 acres | ---------- | 8.5 | 8.4 | 8.2 | 7.9 | 8.3 |
| 260 to 499 acres | ---------- | 6.6 | 7.0 | 7.4 | 6.9 | 7.2 |
| 500 to 999 acres | 1.8 | 1.8 | 2.0 | 2.3 | 2.3 | 2.5 |
| 1,000 acres and over | .7 | .8 | .8 | 1.0 | 1.0 | 1.3 |
| BY TENURE | | | | | | |
| **Owners and managers, total** | 3,269,728 | 3,712,408 | 4,006,826 | 3,993,539 | 3,909,032 | 3,624,283 |
| Owners | ---------- | 3,653,323 | 3,948,722 | 3,925,090 | 3,868,332 | 3,568,394 |
| Owning entire farm | ---------- | 3,201,947 | 3,354,897 | 3,366,510 | 3,313,490 | 2,911,644 |
| Hiring additional land | ---------- | 451,376 | 593,825 | 558,580 | 554,842 | 656,750 |
| Managers | ---------- | 59,085 | 58,104 | 68,449 | 40,700 | 55,889 |
| **Tenants, total** | 1,294,913 | 2,024,964 | 2,354,676 | 2,454,804 | 2,462,608 | 2,664,365 |
| Cash tenants | ---------- | ---------- | [1] 712,294 | 480,009 | 393,452 | 489,210 |
| Northern and Western States | ---------- | ---------- | ---------- | ---------- | 210,838 | 251,178 |
| Number related to landlord | ---------- | ---------- | ---------- | ---------- | 56,085 | ([2]) |
| Other tenants | ---------- | ---------- | [1] 1,632,382 | 1,974,795 | 2,069,156 | 2,175,155 |
| Northern and Western States | ---------- | ---------- | ---------- | ---------- | 650,471 | 622,404 |
| Number related to landlord | ---------- | ---------- | ---------- | ---------- | 189,373 | ([2]) |
| Per cent distribution, total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Owners | 71.6 | 63.7 | 62.1 | 60.9 | 60.7 | 56.7 |
| Managers | | 1.0 | .9 | 1.1 | .6 | .9 |
| Tenants | 28.4 | 35.3 | 37.0 | 38.1 | 38.6 | 42.4 |
| BY COLOR AND TENURE OF FARMER | | | | | | |
| **White farmers, total** | ---------- | 4,969,608 | 5,440,619 | 5,498,454 | [3] 5,540,185 | [3] 5,406,961 |
| Owners, total | ---------- | 3,446,806 | 3,707,501 | 3,691,868 | 3,673,792 | 3,386,375 |
| Owning entire farm | ---------- | 3,025,931 | 3,159,088 | 3,174,109 | 3,153,839 | 2,771,148 |
| Hiring additional land | ---------- | 420,875 | 548,413 | 517,759 | 519,953 | 615,227 |
| Managers | ---------- | 57,261 | 56,560 | 66,223 | 40,033 | 55,060 |
| Tenants, total | ---------- | 1,465,541 | 1,676,558 | 1,740,363 | 1,826,360 | 1,965,526 |
| Cash tenants | ---------- | ---------- | [1] 447,851 | 373,835 | 314,692 | 391,290 |
| Other tenants | ---------- | ---------- | [1] 1,228,707 | 1,366,528 | 1,511,668 | 1,574,236 |
| **Colored farmers, total** | ---------- | 767,764 | 920,883 | 949,889 | [4] 831,455 | [4] 881,687 |
| Owners, total | ---------- | 206,517 | 241,221 | 233,222 | 194,540 | 182,019 |
| Owning entire farm | ---------- | 176,016 | 195,809 | 192,401 | 159,651 | 140,496 |
| Hiring additional land | ---------- | 30,501 | 45,412 | 40,821 | 34,889 | 41,523 |
| Managers | ---------- | 1,824 | 1,544 | 2,226 | 667 | 829 |
| Tenants, total | ---------- | 559,423 | 678,118 | 714,441 | 636,248 | 698,839 |
| Cash tenants | ---------- | ---------- | [1] 264,443 | 106,174 | 78,760 | 97,920 |
| Other tenants | ---------- | ---------- | [1] 413,675 | 608,267 | 557,488 | 600,919 |
| COLORED FARMERS, BY RACE | | | | | | |
| **Total** | ---------- | 767,764 | 920,883 | 949,889 | [4] 831,455 | [4] 881,687 |
| Negroes | ---------- | 746,715 | 893,370 | 925,708 | ([5]) | ([2]) |
| Indians | ---------- | 19,910 | 24,251 | 16,680 | ([5]) | ([2]) |
| Japanese | ---------- | 39 | 2,502 | 6,892 | ([5]) | ([2]) |
| Chinese | ---------- | 1,100 | 760 | 609 | ([5]) | ([2]) |

[1] Standing renters included with "Cash tenants" in 1910; thereafter, with "Other tenants."
[2] Not yet available. [3] Includes the few colored farmers in the north and the west.
[4] The South only. [5] Separate data not available.

Source: Bureau of the Census, Department of Commerce.

## No. 588.—ACREAGE OF FARM LAND: By Size of Farm and by Tenure and Color of Operator

[Acreage in thousands]

| Size of farm, tenure, and color | Acreage | | | | Per cent distribution | | | |
|---|---|---|---|---|---|---|---|---|
| | 1910 | 1920 | 1925 | 1930 | 1910 | 1920 | 1925 | 1930 |
| BY SIZE OF FARM | | | | | | | | |
| All farm land, total | 878,798 | 955,884 | 924,319 | 986,771 | 100.0 | 100.0 | 100.0 | 100.0 |
| Under 20 acres | 8,794 | 8,689 | 10,156 | 9,698 | 1.0 | .9 | 1.1 | 1.0 |
| 20 to 49 acres | 45,378 | 48,464 | 46,406 | 46,251 | 5.2 | 5.1 | 5.0 | 4.7 |
| 50 to 99 acres | 103,121 | 105,631 | 101,907 | 98,685 | 11.7 | 11.1 | 11.0 | 10.0 |
| 100 to 174 acres | 205,481 | 194,681 | 185,710 | 180,214 | 23.4 | 20.4 | 20.1 | 18.3 |
| 175 to 499 acres | 265,289 | 276,807 | 258,362 | 266,786 | 30.2 | 29.0 | 28.0 | 27.0 |
| 500 to 999 acres | 83,653 | 100,976 | 99,230 | 108,924 | 9.5 | 10.6 | 10.7 | 11.0 |
| 1,000 acres and over | 167,082 | 220,636 | 222,549 | 276,213 | 19.0 | 23.1 | 24.1 | 28.0 |
| Crop land harvested, total [1] [2] | [2] 478,452 | [2] 503,073 | 344,549 | 359,242 | [2] 100.0 | [2] 100.0 | 100.0 | 100.0 |
| Under 20 acres | 7,992 | 7,804 | 7,342 | 6,490 | 1.7 | 1.6 | 2.1 | 1.8 |
| 20 to 49 acres | 36,596 | 38,508 | 29,384 | 28,202 | 7.6 | 7.7 | 8.5 | 7.9 |
| 50 to 99 acres | 71,155 | 72,622 | 50,199 | 47,225 | 14.9 | 14.4 | 14.6 | 13.1 |
| 100 to 174 acres | 128,854 | 128,201 | 88,503 | 85,154 | 26.9 | 25.5 | 25.7 | 23.7 |
| 175 to 499 acres | 161,776 | 170,075 | 117.875 | 123,433 | 33.8 | 33.8 | 34.2 | 34.4 |
| 500 to 999 acres | 40,817 | 48,135 | 32,557 | 39,992 | 8.5 | 9.6 | 9.4 | 11.1 |
| 1,000 acres and over | 31,263 | 37,729 | 18,691 | 28,746 | 6.5 | 7.5 | 5.4 | 8.0 |
| BY TENURE | | | | | | | | |
| All farm land, total | 878,798 | 955,884 | 924,319 | 986,771 | 100.0 | 100.0 | 100.0 | 100.0 |
| Owners | 598,555 | 636,775 | 616,336 | 618,376 | 68.1 | 66.6 | 66.7 | 62.7 |
| Owning entire farm | 464,923 | 461,250 | 419,446 | 372,450 | 52.9 | 48.3 | 45.4 | 37.7 |
| Hiring additional land | 133,631 | 175,525 | 196,890 | 245,926 | 15.2 | 18.4 | 21.3 | 24.9 |
| Managers | 53,731 | 54,129 | 43,097 | 61,986 | 6.1 | 5.7 | 4.7 | 6.3 |
| Tenants | 226,513 | 264,980 | 264,886 | 306,409 | 25.8 | 27.7 | 28.7 | 31.0 |
| Cash tenants | [3] 67,847 | 65,095 | 54,190 | 71,370 | [3] 7.7 | 6.8 | 5.9 | 7.2 |
| Other tenants | [3] 158,666 | 199,885 | 210,696 | 235,039 | [3] 18.0 | 20.9 | 22.8 | 23.8 |
| Crop land, harvested, total [2] | [2] 478,452 | [2] 503,073 | 344,549 | 359,242 | [2] 100.0 | [2] 100.0 | 100.0 | 100.0 |
| Owners | 309,850 | 314,107 | 199,408 | 201,750 | 64.8 | 62.4 | 57.9 | 56.2 |
| Owning entire farm | 233,809 | 236,132 | 138,650 | 124,328 | 48.9 | 46.7 | 40.2 | 34.6 |
| Hiring additional land | 76,042 | 78.975 | 60,758 | 77,422 | 15.9 | 15.7 | 17.6 | 21.6 |
| Managers | 12,314 | 13,211 | 5,299 | 6,920 | 2.6 | 2.6 | 1.5 | 1.9 |
| Tenants | 156,287 | 175,755 | 139,842 | 150,572 | 32.7 | 34.9 | 40.6 | 41.9 |
| Cash tenants | [3] 41,566 | 34,397 | 19,198 | 23,586 | [3] 8.7 | 6.8 | 5.6 | 6.6 |
| Other tenants | [3] 114,721 | 141,357 | 120,645 | 126,986 | [3] 24.0 | 28.1 | 35.0 | 35.3 |
| BY COLOR OF FARMER | | | | | | | | |
| All farm land, total | 878,798 | 955,884 | 924,319 | 986,771 | 100.0 | 100.0 | 100.0 | 100.0 |
| White farmers | 832,166 | 910,939 | (4) | 945,683 | 94.7 | 95.3 | (4) | 95.8 |
| Colored farmers | 46,632 | 44,945 | (4) | 41,088 | 5.3 | 4.7 | (4) | 4.2 |
| Crop land harvested, total [2] | [2] 478,452 | [2] 503,073 | 344,549 | 359,242 | [2] 100.0 | [2] 100.0 | 100.0 | 100.0 |
| White farmers | 449,418 | 473,775 | (4) | [5] 338,516 | 93.9 | 94.2 | (4) | [5] 94.2 |
| Colored farmers | 29,033 | 29,298 | (4) | [6] 20,726 | 6.1 | 5.8 | (4) | [6] 5.8 |

[1] The classification by size in this section of the table as in the preceding section, is based on the entire area of the farm.
[2] All data shown for 1910 and 1920 represent improved land. Data for improved land was not called for on the schedules of 1925 and 1930.
[3] Standing renters included with "Cash tenants" in 1910; thereafter, with "Other tenants".
[4] Not available.
[5] Includes the few colored farmers in the North and the West.
[6] South only.

Source: Bureau of the Census, Department of Commerce.

## No. 589.—NUMBER OF FARMS: By Tenure and by States

Note.—Total number of farms (all tenures combined) in Table 582. Acreage by tenure in Table 590

| Division and State | Number of farms operated by— | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Owners | | | Managers | | | Tenants | | |
| | 1920 | 1925 | 1930 | 1920 | 1925 | 1930 | 1920 | 1925 | 1930 |
| United States | 3,925,090 | 3,868,332 | 3,568,394 | 68,449 | 40,700 | 55,889 | 2,454,804 | 2,462,608 | 2,664,365 |
| **New England** | 140,160 | 148,159 | 114,104 | 4,802 | 2,462 | 2,936 | 11,602 | 8,868 | 7,885 |
| Maine | 45,437 | 47,984 | 36,748 | 786 | 350 | 503 | 2,004 | 1,699 | 1,755 |
| New Hampshire | 18,604 | 19,895 | 13,755 | 546 | 156 | 355 | 1,373 | 1,014 | 796 |
| Vermont | 25,121 | 24,889 | 22,009 | 568 | 307 | 480 | 3,386 | 2,590 | 2,409 |
| Massachusetts | 28,087 | 30,870 | 23,198 | 1,627 | 979 | 958 | 2,287 | 1,605 | 1,442 |
| Rhode Island | 3,245 | 3,263 | 2,808 | 205 | 176 | 99 | 633 | 472 | 415 |
| Connecticut | 19,666 | 21,258 | 15,586 | 1,070 | 494 | 541 | 1,919 | 1,488 | 1,068 |
| **Middle Atlantic** | 327,104 | 348,179 | 299,095 | 9,853 | 4,465 | 6,053 | 88,190 | 66,224 | 52,455 |
| New York | 151,717 | 159,949 | 136,041 | 4,376 | 2,261 | 2,652 | 37,102 | 26,544 | 21,113 |
| New Jersey | 21,889 | 24,535 | 20,771 | 987 | 413 | 659 | 6,826 | 4,723 | 3,948 |
| Pennsylvania | 153,498 | 163,695 | 142,283 | 4,490 | 1,791 | 2,742 | 44,262 | 34,957 | 27,394 |
| **East North Central** | 766,786 | 771,876 | 693,892 | 13,551 | 6,606 | 8,633 | 304,407 | 273,090 | 263,977 |
| Ohio | 177,986 | 181,347 | 159,849 | 3,065 | 1,060 | 1,843 | 75,644 | 62,296 | 57,604 |
| Indiana | 137,210 | 137,429 | 125,517 | 2,329 | 1,268 | 1,478 | 65,587 | 57,089 | 54,575 |
| Illinois | 132,574 | 129,074 | 119,892 | 3,411 | 1,877 | 2,123 | 101,196 | 94,650 | 92,482 |
| Michigan | 159,406 | 161,974 | 141,647 | 2,319 | 1,234 | 1,530 | 34,722 | 29,119 | 26,195 |
| Wisconsin | 159,610 | 162,052 | 146,987 | 2,427 | 1,167 | 1,659 | 27,258 | 29,936 | 33,121 |
| **West North Central** | 711,156 | 685,797 | 661,115 | 10,776 | 5,569 | 7,471 | 375,019 | 419,948 | 444,169 |
| Minnesota | 132,744 | 136,382 | 126,570 | 1,596 | 766 | 1,047 | 44,138 | 51,083 | 57,638 |
| Iowa | 121,888 | 116,444 | 111,333 | 2,487 | 1,650 | 1,980 | 89,064 | 95,396 | 101,615 |
| Missouri | 185,030 | 174,383 | 165,318 | 2,247 | 1,063 | 1,546 | 75,727 | 85,027 | 89,076 |
| North Dakota | 56,917 | 49,513 | 50,105 | 855 | 361 | 470 | 19,918 | 26,096 | 27,400 |
| South Dakota | 47,815 | 46,160 | 45,609 | 781 | 331 | 454 | 26,041 | 33,046 | 37,094 |
| Nebraska | 69,672 | 67,766 | 67,418 | 1,315 | 669 | 1,020 | 53,430 | 59,299 | 61,020 |
| Kansas | 97,090 | 95,149 | 94,762 | 1,495 | 729 | 954 | 66,701 | 70,001 | 70,326 |
| **South Atlantic** | 607,089 | 609,304 | 539,930 | 9,799 | 6,137 | 8,964 | 542,088 | 492,620 | 509,574 |
| Delaware | 6,010 | 6,515 | 6,260 | 144 | 74 | 165 | 3,986 | 3,668 | 3,282 |
| Maryland | 32,805 | 35,138 | 30,823 | 1,262 | 936 | 939 | 13,841 | 12,927 | 11,441 |
| District of Columbia | 100 | 81 | 59 | 19 | 19 | 21 | 85 | 39 | 24 |
| Virginia | 136,363 | 143,587 | 121,104 | 2,134 | 1,238 | 1,536 | 47,745 | 48,898 | 47,970 |
| West Virginia | 72,101 | 74,943 | 66,573 | 1,090 | 662 | 721 | 14,098 | 14,775 | 15,347 |
| North Carolina | 151,376 | 154,805 | 141,445 | 928 | 423 | 648 | 117,459 | 128,254 | 137,615 |
| South Carolina | 67,724 | 59,969 | 54,470 | 738 | 368 | 693 | 124,231 | 112,430 | 102,768 |
| Georgia | 102,123 | 88,680 | 79,802 | 1,655 | 1,407 | 1,406 | 206,954 | 159,008 | 174,390 |
| Florida | 38,487 | 45,586 | 39,394 | 1,829 | 1,010 | 2,835 | 13,689 | 12,621 | 16,737 |
| **East South Central** | 525,808 | 497,825 | 465,348 | 3,506 | 1,731 | 2,888 | 522,286 | 506,496 | 593,978 |
| Kentucky | 179,327 | 175,442 | 157,403 | 969 | 281 | 675 | 90,330 | 82,801 | 88,421 |
| Tennessee | 148,082 | 148,627 | 131,526 | 807 | 324 | 611 | 103,885 | 103,718 | 113,520 |
| Alabama | 107,089 | 92,948 | 90,372 | 741 | 448 | 603 | 148,269 | 144,235 | 166,420 |
| Mississippi | 91,310 | 80,808 | 86,047 | 989 | 678 | 999 | 179,802 | 175,742 | 225,617 |
| **West South Central** | 464,328 | 412,064 | 410,397 | 5,013 | 3,058 | 5,506 | 526,747 | 602,133 | 687,231 |
| Arkansas | 112,647 | 95,476 | 89,009 | 736 | 616 | 634 | 119,221 | 125,899 | 152,691 |
| Louisiana | 57,254 | 52,386 | 53,159 | 828 | 503 | 735 | 77,381 | 79,561 | 107,551 |
| Oklahoma | 93,217 | 81,226 | 77,714 | 935 | 494 | 823 | 97,836 | 115,498 | 125,329 |
| Texas | 201,210 | 182,976 | 190,515 | 2,514 | 1,445 | 3,314 | 232,309 | 281,225 | 301,660 |
| **Mountain** | 202,515 | 179,198 | 178,898 | 4,116 | 2,410 | 3,590 | 37,478 | 51,784 | 58,826 |
| Montana | 50,271 | 36,281 | 35,353 | 899 | 367 | 514 | 6,507 | 10,256 | 11,628 |
| Idaho | 34,647 | 30,195 | 30,512 | 758 | 511 | 603 | 6,701 | 9,886 | 10,559 |
| Wyoming | 13,403 | 12,545 | 12,195 | 377 | 191 | 296 | 1,968 | 2,776 | 3,520 |
| Colorado | 45,291 | 39,517 | 38,426 | 880 | 585 | 338 | 13,763 | 17,918 | 20,692 |
| New Mexico | 25,756 | 26,005 | 24,740 | 433 | 256 | 334 | 3,655 | 5,426 | 6,330 |
| Arizona | 7,869 | 8,179 | 11,294 | 305 | 296 | 548 | 1,801 | 2,327 | 2,331 |
| Utah | 22,579 | 23,013 | 23,608 | 296 | 90 | 230 | 2,787 | 2,889 | 3,321 |
| Nevada | 2,699 | 3,463 | 2,770 | 168 | 114 | 227 | 296 | 306 | 445 |
| **Pacific** | 180,144 | 215,930 | 205,615 | 7,033 | 8,262 | 9,848 | 46,987 | 41,395 | 46,270 |
| Washington | 52,701 | 60,389 | 57,588 | 1,168 | 935 | 1,238 | 12,419 | 11,943 | 12,078 |
| Oregon | 39,863 | 45,887 | 44,521 | 916 | 618 | 842 | 9,427 | 9,406 | 9,790 |
| California | 87,580 | 109,654 | 103,506 | 4,949 | 6,709 | 7,768 | 25,141 | 20,046 | 24,402 |

Source: Bureau of the Census, Department of Commerce.

## No. 590.—FARM ACREAGE, TOTAL AND CROP LAND HARVESTED: By Tenure and by States

Note.—For total farm acreage and total crop land harvested (all tenures combined) see Tables 581 and 582. Data for owners include land exclusively owned and the additional land rented and operated by the owner

[All figures in thousands of acres]

| Division and State | All land in farms operated by— | | | | | | | | | Crop land harvested in 1929 on farms operated by— | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Owners | | | Managers | | | Tenants | | | Owners | Managers | Tenants |
| | 1920 | 1925 | 1930 | 1920 | 1925 | 1930 | 1920 | 1925 | 1930 | | | |
| **United States** | 636,775 | 616,336 | 618,376 | 54,129 | 43,097 | 61,986 | 264,980 | 264,887 | 306,409 | 201,750 | 6,920 | 150,572 |
| **New England** | 14,705 | 14,344 | 12,592 | 980 | 581 | 751 | 1,306 | 934 | 940 | 3,249 | 154 | 257 |
| Maine | 5,074 | 4,936 | 4,338 | 146 | 71 | 129 | 206 | 154 | 173 | 1,223 | 30 | 51 |
| New Hampshire | 2,296 | 2,109 | 1,736 | 154 | 58 | 123 | 153 | 96 | 102 | 342 | 18 | 21 |
| Vermont | 3,521 | 3,407 | 3,325 | 150 | 100 | 152 | 565 | 419 | 419 | 911 | 34 | 129 |
| Massachusetts | 2,022 | 2,051 | 1,690 | 313 | 212 | 215 | 159 | 104 | 100 | 409 | 42 | 23 |
| Rhode Island | 249 | 248 | 220 | 30 | 24 | 18 | 53 | 37 | 41 | 43 | 4 | 8 |
| Connecticut | 1,543 | 1,593 | 1,283 | 187 | 116 | 114 | 169 | 123 | 105 | 321 | 26 | 25 |
| **Middle Atlantic** | 29,019 | 29,464 | 27,768 | 1,923 | 910 | 1,277 | 9,631 | 7,117 | 6,002 | 11,120 | 449 | 2,754 |
| New York | 15,084 | 15,459 | 14,577 | 932 | 496 | 622 | 4,616 | 3,315 | 2,781 | 5,612 | 185 | 1,161 |
| New Jersey | 1,425 | 1,404 | 1,236 | 208 | 68 | 144 | 649 | 452 | 378 | 550 | 49 | 178 |
| Pennsylvania | 12,510 | 12,600 | 11,955 | 782 | 346 | 511 | 4,366 | 3,350 | 2,843 | 4,958 | 215 | 1,415 |
| **East North Central** | 76,518 | 75,580 | 72,355 | 2,867 | 1,651 | 2,096 | 38,350 | 35,521 | 36,440 | 34,532 | 894 | 21,218 |
| Ohio | 15,000 | 15,083 | 14,410 | 562 | 266 | 396 | 7,954 | 6,870 | 6,707 | 6,401 | 162 | 3,553 |
| Indiana | 12,870 | 12,667 | 12,286 | 473 | 288 | 360 | 7,720 | 6,961 | 7,042 | 6,022 | 159 | 4,033 |
| Illinois | 16,265 | 15,798 | 15,227 | 713 | 450 | 512 | 14,997 | 14,485 | 14,957 | 8,640 | 283 | 10,035 |
| Michigan | 14,541 | 14,470 | 13,605 | 588 | 369 | 462 | 3,904 | 3,197 | 3,052 | 6,163 | 142 | 1,432 |
| Wisconsin | 17,841 | 17,562 | 16,827 | 532 | 279 | 366 | 3,775 | 4,010 | 4,682 | 7,306 | 148 | 2,165 |
| **West North Central** | 168,570 | 155,780 | 160,645 | 6,079 | 3,497 | 4,974 | 82,324 | 88,805 | 99,869 | 78,917 | 1,419 | 58,379 |
| Minnesota | 21,014 | 20,186 | 19,567 | 443 | 224 | 307 | 8,765 | 9,649 | 11,039 | 11,132 | 161 | 7,153 |
| Iowa | 18,051 | 17,092 | 16,444 | 569 | 390 | 476 | 14,855 | 15,799 | 17,100 | 10,250 | 272 | 11,754 |
| Missouri | 24,687 | 22,733 | 22,217 | 664 | 350 | 513 | 9,423 | 9,559 | 11,012 | 8,247 | 158 | 4,771 |
| North Dakota | 26,850 | 23,523 | 26,415 | 811 | 271 | 387 | 8,553 | 10,533 | 11,856 | 14,057 | 183 | 7,014 |
| South Dakota | 24,169 | 20,937 | 22,474 | 890 | 771 | 961 | 9,577 | 10,310 | 13,035 | 10,123 | 142 | 7,591 |
| Nebraska | 26,422 | 25,555 | 25,726 | 1,480 | 776 | 1,454 | 14,323 | 15,693 | 17,529 | 11,316 | 300 | 9,783 |
| Kansas | 27,377 | 25,753 | 27,802 | 1,221 | 714 | 876 | 16,827 | 17,263 | 18,298 | 13,792 | 203 | 10,313 |
| **South Atlantic** | 61,798 | 58,301 | 51,651 | 4,402 | 3,511 | 3,751 | 31,575 | 26,758 | 30,961 | 13,628 | 844 | 13,048 |
| Delaware | 451 | 465 | 480 | 21 | 16 | 30 | 472 | 418 | 391 | 214 | 16 | 178 |
| Maryland | 2,751 | 2,674 | 2,640 | 259 | 182 | 228 | 1,748 | 1,577 | 1,506 | 1,028 | 88 | 626 |
| Dist. of Columbia | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | (1) |
| Virginia | 13,761 | 13,311 | 12,250 | 824 | 514 | 656 | 3,976 | 3,385 | 3,823 | 2,816 | 145 | 1,014 |
| West Virginia | 7,813 | 7,483 | 7,145 | 356 | 211 | 257 | 1,400 | 1,286 | 1,400 | 1,352 | 48 | 255 |
| North Carolina | 13,442 | 12,533 | 11,072 | 386 | 232 | 255 | 6,194 | 5,829 | 6,728 | 2,935 | 69 | 2,806 |
| South Carolina | 6,717 | 5,987 | 5,228 | 425 | 293 | 437 | 5,285 | 4,359 | 4,728 | 1,623 | 79 | 2,434 |
| Georgia | 12,801 | 11,889 | 9,855 | 926 | 800 | 932 | 11,714 | 9,257 | 11,292 | 2,771 | 238 | 5,329 |
| Florida | 4,060 | 3,958 | 2,980 | 1,202 | 1,260 | 954 | 784 | 647 | 1,092 | 888 | 160 | 400 |
| **East South Central** | 54,022 | 49,049 | 45,289 | 1,529 | 923 | 1,288 | 23,347 | 20,635 | 26,241 | 11,766 | 312 | 13,070 |
| Kentucky | 16,792 | 15,829 | 14,611 | 270 | 137 | 196 | 4,551 | 3,947 | 5,120 | 3,661 | 48 | 1,621 |
| Tennessee | 13,779 | 13,025 | 11,729 | 221 | 124 | 207 | 5,511 | 4,751 | 6,068 | 3,421 | 56 | 2,629 |
| Alabama | 12,117 | 10,086 | 9,404 | 455 | 245 | 332 | 7,004 | 6,408 | 7,819 | 2,639 | 75 | 4,401 |
| Mississippi | 11,334 | 10,108 | 9,545 | 583 | 416 | 553 | 6,280 | 5,529 | 7,234 | 2,045 | 133 | 4,419 |
| **West South Central** | 104,781 | 97,711 | 93,160 | 16,511 | 11,998 | 22,524 | 52,157 | 55,305 | 68,222 | 23,814 | 919 | 32,105 |
| Arkansas | 11,810 | 10,027 | 8,990 | 352 | 318 | 292 | 5,295 | 5,287 | 6,771 | 2,751 | 92 | 3,739 |
| Louisiana | 6,255 | 5,624 | 4,761 | 900 | 590 | 876 | 2,864 | 2,624 | 3,718 | 1,468 | 199 | 2,401 |
| Oklahoma | 18,472 | 15,609 | 16,471 | 926 | 1,327 | 986 | 12,554 | 13,933 | 16,333 | 7,090 | 138 | 8,325 |
| Texas | 68,244 | 66,451 | 62,938 | 14,333 | 9,762 | 20,370 | 31,444 | 33,461 | 41,400 | 12,505 | 490 | 17,640 |
| **Mountain** | 90,889 | 98,542 | 114,233 | 12,974 | 14,047 | 18,057 | 13,475 | 19,100 | 25,160 | 16,385 | 780 | 6,114 |
| Montana | 28,953 | 25,365 | 34,145 | 2,860 | 1,912 | 3,015 | 3,258 | 5,459 | 7,499 | 5,975 | 186 | 1,680 |
| Idaho | 6,799 | 6,185 | 7,050 | 386 | 272 | 438 | 1,191 | 1,659 | 1,859 | 2,235 | 83 | 831 |
| Wyoming | 9,360 | 15,062 | 18,934 | 1,466 | 1,939 | 2,085 | 984 | 1,662 | 2,506 | 1,515 | 87 | 406 |
| Colorado | 18,622 | 17,387 | 19,540 | 1,596 | 1,285 | 2,167 | 4,244 | 5,496 | 7,169 | 4,083 | 189 | 2,479 |
| New Mexico | 17,854 | 19,800 | 21,857 | 3,863 | 4,733 | 5,350 | 2,693 | 3,317 | 3,615 | 1,043 | 34 | 417 |
| Arizona | 3,820 | 7,580 | 6,049 | 1,391 | 2,515 | 3,468 | 592 | 970 | 1,009 | 286 | 73 | 120 |
| Utah | 4,063 | 4,469 | 4,501 | 616 | 184 | 608 | 372 | 347 | 504 | 980 | 39 | 141 |
| Nevada | 1,420 | 2,693 | 2,157 | 796 | 1,208 | 926 | 141 | 190 | 999 | 268 | 89 | 40 |
| **Pacific** | 36,473 | 37,566 | 40,683 | 6,865 | 5,980 | 7,268 | 12,815 | 10,713 | 12,574 | 8,339 | 1,149 | 3,627 |
| Washington | 9,260 | 9,042 | 9,379 | 541 | 360 | 560 | 3,444 | 3,208 | 3,595 | 2,360 | 95 | 1,203 |
| Oregon | 10,017 | 10,853 | 12,878 | 838 | 901 | 839 | 2,687 | 2,377 | 2,832 | 2,057 | 145 | 705 |
| California | 17,196 | 17,672 | 18,426 | 5,485 | 4,718 | 5,869 | 6,684 | 6,684 | 6,147 | 3,922 | 909 | 1,719 |

[1] Less than 500.

Source: Bureau of the Census, Department of Commerce.

## No. 591.—PERCENTAGE OF TOTAL NUMBER OF FARMS AND TOTAL ACREAGE OPERATED BY TENANTS: By States

| Division and State | Per cent of total operated by tenants | | | | | | | | | | Per cent of tenants related to landlord, 1925 [1] | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of farms | | | | All land in farms | | | | Crop lands harvested | | | |
| | 1910 | 1920 | 1925 | 1930 | 1910 | 1920 | 1925 | 1930 | 1924 | 1929 | Cash | Other |
| United States | 37.0 | 38.1 | 38.6 | 42.4 | 25.8 | 27.7 | 28.7 | 31.1 | 40.6 | 41.9 | 26.6 | [1] 29.1 |
| New England | 8.0 | 7.4 | 5.6 | 6.3 | 7.3 | 7.7 | 5.9 | 6.6 | 6.4 | 7.0 | 16.0 | 30.9 |
| Maine | 4.3 | 4.2 | 3.4 | 4.5 | 3.6 | 3.8 | 3.0 | 3.7 | 3.1 | 3.9 | 16.3 | 41.1 |
| New Hampshire | 6.9 | 6.7 | 4.8 | 5.3 | 5.4 | 5.9 | 4.2 | 5.2 | 4.5 | 5.4 | 12.7 | 44.2 |
| Vermont | 12.3 | 11.6 | 9.3 | 9.7 | 13.7 | 13.3 | 10.7 | 10.7 | 12.7 | 12.0 | 19.2 | 27.4 |
| Massachusetts | 8.1 | 7.1 | 4.8 | 5.6 | 7.0 | 6.4 | 4.4 | 5.0 | 4.3 | 4.9 | 15.8 | 25.5 |
| Rhode Island | 18.0 | 15.5 | 12.1 | 12.5 | 18.2 | 15.9 | 12.1 | 14.8 | 12.1 | 14.6 | 14.7 | 40.5 |
| Connecticut | 9.8 | 8.5 | 6.4 | 6.2 | 9.9 | 8.9 | 6.7 | 7.0 | 6.5 | 6.8 | 15.5 | 27.9 |
| Middle Atlantic | 22.3 | 20.7 | 15.8 | 14.7 | 25.9 | 23.7 | 19.0 | 17.1 | 21.5 | 19.2 | 20.4 | 28.2 |
| New York | 20.8 | 19.2 | 14.1 | 13.2 | 24.4 | 22.4 | 17.2 | 15.5 | 18.8 | 16.7 | 21.7 | 28.7 |
| New Jersey | 24.8 | 23.0 | 15.9 | 15.6 | 30.4 | 28.5 | 23.5 | 21.5 | 25.3 | 22.9 | 15.5 | 25.0 |
| Pennsylvania | 23.3 | 21.9 | 17.4 | 15.9 | 27.1 | 24.7 | 20.6 | 18.6 | 24.1 | 21.5 | 20.1 | 28.3 |
| East North Central | 27.0 | 28.1 | 26.0 | 27.3 | 30.0 | 32.6 | 31.5 | 32.9 | 36.6 | 37.5 | 30.8 | 32.8 |
| Ohio | 28.4 | 29.5 | 25.5 | 26.3 | 31.4 | 33.8 | 30.9 | 31.2 | 35.4 | 35.1 | 26.8 | 33.3 |
| Indiana | 30.0 | 32.0 | 29.2 | 30.1 | 32.3 | 36.7 | 35.0 | 35.8 | 39.3 | 39.5 | 27.7 | 32.3 |
| Illinois | 41.4 | 42.7 | 42.0 | 43.1 | 43.6 | 46.9 | 47.1 | 48.7 | 51.5 | 52.9 | 32.1 | 31.2 |
| Michigan | 15.8 | 17.7 | 15.1 | 15.5 | 17.8 | 20.5 | 17.7 | 17.8 | 19.2 | 18.5 | 23.9 | 33.3 |
| Wisconsin | 13.9 | 14.4 | 15.5 | 18.2 | 15.8 | 17.0 | 18.4 | 21.4 | 19.8 | 22.5 | 40.6 | 39.1 |
| West North Central | 30.9 | 34.2 | 37.8 | 39.9 | 27.0 | 32.0 | 35.8 | 37.6 | 41.0 | 42.1 | 31.1 | 29.0 |
| Minnesota | 21.0 | 24.7 | 27.1 | 31.1 | 23.8 | 29.0 | 32.1 | 35.7 | 36.0 | 38.8 | 35.0 | 30.0 |
| Iowa | 37.8 | 41.7 | 44.7 | 47.3 | 39.0 | 44.4 | 47.5 | 50.3 | 50.2 | 52.8 | 36.0 | 32.4 |
| Missouri | 29.9 | 28.8 | 32.6 | 34.8 | 25.4 | 27.1 | 29.3 | 32.6 | 34.2 | 36.2 | 20.4 | 22.8 |
| North Dakota | 14.3 | 25.6 | 34.4 | 35.1 | 15.3 | 23.6 | 30.7 | 30.7 | 32.9 | 33.0 | 18.0 | 20.9 |
| South Dakota | 24.8 | 34.9 | 41.5 | 44.6 | 23.3 | 27.7 | 32.2 | 35.7 | 41.0 | 42.5 | 27.5 | 26.9 |
| Nebraska | 38.1 | 42.9 | 46.4 | 47.1 | 27.3 | 33.9 | 37.3 | 39.2 | 45.0 | 45.7 | 33.5 | 34.7 |
| Kansas | 36.8 | 40.4 | 42.2 | 42.4 | 30.6 | 37.0 | 39.5 | 39.0 | 44.0 | 42.4 | 24.2 | 31.8 |
| South Atlantic | 45.9 | 46.8 | 44.5 | 48.1 | 30.1 | 32.3 | 30.2 | 35.8 | 45.7 | 47.4 | (2) | (2) |
| Delaware | 41.9 | 39.3 | 35.8 | 33.8 | 52.1 | 49.9 | 46.5 | 43.4 | 49.1 | 43.7 | (2) | (2) |
| Maryland | 29.5 | 28.9 | 26.4 | 26.5 | 38.5 | 36.7 | 35.6 | 34.4 | 38.9 | 35.9 | (2) | (2) |
| District of Columbia | 38.7 | 41.7 | 28.1 | 23.1 | 35.9 | 35.1 | 21.2 | 13.8 | 19.6 | 14.6 | (2) | (2) |
| Virginia | 26.5 | 25.6 | 25.2 | 28.1 | 21.1 | 21.4 | 19.7 | 22.9 | 24.6 | 25.5 | (2) | (2) |
| West Virginia | 20.5 | 16.2 | 16.3 | 18.6 | 15.5 | 14.6 | 14.3 | 15.9 | 15.1 | 15.4 | (2) | (2) |
| North Carolina | 42.3 | 43.5 | 45.2 | 49.2 | 27.6 | 30.9 | 31.3 | 37.3 | 46.3 | 48.3 | (2) | (2) |
| South Carolina | 63.0 | 64.5 | 65.1 | 65.1 | 36.4 | 42.5 | 41.0 | 45.5 | 60.0 | 58.8 | (2) | (2) |
| Georgia | 65.6 | 66.6 | 63.8 | 68.2 | 42.0 | 46.0 | 42.2 | 51.5 | 59.3 | 63.9 | (2) | (2) |
| Florida | 26.7 | 25.3 | 21.3 | 28.4 | 13.1 | 13.0 | 11.0 | 21.7 | 23.2 | 27.9 | (2) | (2) |
| East South Central | 50.7 | 49.7 | 50.3 | 55.9 | 28.0 | 29.6 | 29.2 | 36.0 | 49.2 | 52.0 | (2) | (2) |
| Kentucky | 33.9 | 33.4 | 32.0 | 35.9 | 19.9 | 21.1 | 19.8 | 25.7 | 30.6 | 30.4 | (2) | (2) |
| Tennessee | 41.1 | 41.1 | 41.0 | 46.2 | 25.1 | 28.2 | 26.5 | 33.7 | 40.9 | 43.1 | (2) | (2) |
| Alabama | 60.2 | 57.9 | 60.7 | 64.7 | 34.2 | 35.8 | 38.3 | 44.5 | 59.6 | 61.9 | (2) | (2) |
| Mississippi | 66.1 | 66.1 | 68.3 | 72.2 | 33.7 | 34.5 | 34.4 | 41.7 | 63.0 | 67.0 | (2) | (2) |
| West South Central | 52.8 | 52.9 | 59.2 | 62.3 | 26.7 | 30.1 | 33.5 | 37.1 | 55.5 | 56.5 | (2) | (2) |
| Arkansas | 50.0 | 51.3 | 56.7 | 63.0 | 27.0 | 30.3 | 33.8 | 42.2 | 50.9 | 56.8 | (2) | (2) |
| Louisiana | 55.3 | 57.1 | 60.1 | 66.6 | 25.7 | 28.6 | 29.7 | 39.7 | 52.3 | 59.0 | (2) | (2) |
| Oklahoma | 54.8 | 51.0 | 58.6 | 61.5 | 43.1 | 39.3 | 45.1 | 48.3 | 52.2 | 53.5 | (2) | (2) |
| Texas | 52.6 | 53.3 | 60.4 | 60.9 | 22.5 | 27.6 | 30.5 | 33.2 | 68.7 | 57.6 | (2) | (2) |
| Mountain | 10.7 | 15.4 | 22.2 | 24.4 | 10.5 | 11.5 | 14.5 | 16.0 | 25.3 | 26.3 | 11.3 | 15.9 |
| Montana | 8.9 | 11.3 | 21.9 | 24.5 | 10.9 | 9.3 | 16.7 | 16.8 | 22.4 | 21.4 | 10.8 | 12.4 |
| Idaho | 10.3 | 15.9 | 24.4 | 25.3 | 10.7 | 14.2 | 20.4 | 19.9 | 26.1 | 26.4 | 12.6 | 18.2 |
| Wyoming | 8.2 | 12.5 | 17.9 | 22.0 | 6.2 | 8.3 | 8.9 | 10.7 | 18.1 | 20.2 | 10.9 | 12.7 |
| Colorado | 18.2 | 23.0 | 30.9 | 34.5 | 16.7 | 17.4 | 22.7 | 24.8 | 33.9 | 36.7 | 11.1 | 14.9 |
| New Mexico | 5.5 | 12.2 | 17.1 | 20.2 | 8.7 | 11.0 | 11.9 | 11.7 | 23.2 | 27.9 | 7.2 | 14.8 |
| Arizona | 9.3 | 18.1 | 21.5 | 16.4 | 8.6 | 10.2 | 8.8 | 9.6 | 26.0 | 25.1 | 5.8 | 12.1 |
| Utah | 7.9 | 10.9 | 11.1 | 12.2 | 5.7 | 7.4 | 6.9 | 9.0 | 11.7 | 12.2 | 20.0 | 36.4 |
| Nevada | 12.4 | 9.4 | 7.9 | 12.9 | 5.8 | 6.0 | 4.6 | 24.5 | 6.2 | 10.0 | 14.6 | 18.8 |
| Pacific | 17.2 | 20.1 | 15.6 | 17.7 | 19.8 | 22.8 | 19.7 | 20.8 | 27.1 | 27.7 | 10.8 | 20.9 |
| Washington | 13.7 | 18.7 | 16.3 | 17.0 | 17.7 | 26.0 | 25.4 | 26.6 | 32.5 | 32.9 | 11.3 | 27.1 |
| Oregon | 15.1 | 18.8 | 16.8 | 17.8 | 16.1 | 19.8 | 16.8 | 17.1 | 25.7 | 24.3 | 16.3 | 27.8 |
| California | 20.6 | 21.4 | 14.7 | 18.0 | 22.2 | 22.8 | 18.6 | 20.0 | 24.8 | 26.2 | 7.9 | 13.8 |

[1] Percentages shown for United States relate to Northern and Western States only. Data for 1930 are not yet available.
[2] Not available.

Source: Bureau of the Census, Department of Commerce.

## No. 592.—NUMBER AND ACREAGE OF FARMS: By Color of Operator and by States

Note.—For total number of farms and acreage of all land in farms see Table 582

| Division and State | Number of farms operated by— | | | | All land (thousands of acres) in farms operated by— | | | |
|---|---|---|---|---|---|---|---|---|
| | White farmers | | Colored farmers | | White farmers | | Colored farmers | |
| | 1920 | 1930 | 1920 | 1930 | 1920 | 1930 | 1920 | 1930 |
| **United States** | 5,498,454 | 5,372,578 | 949,889 | 916,070 | 910,939 | 945,683 | 44,945 | 41,088 |
| **New England** | 156,293 | 124,766 | 271 | 159 | 16,970 | 14,273 | 21 | 10 |
| Maine | 48,214 | 38,989 | 13 | 17 | 5,425 | 4,639 | 1 | 1 |
| New Hampshire | 20,509 | 14,898 | 14 | 8 | 2,602 | 1,959 | 2 | 1 |
| Vermont | 29,047 | 24,876 | 28 | 22 | 4,231 | 3,892 | 4 | 3 |
| Massachusetts | 31,880 | 25,534 | 121 | 64 | 2,489 | 2,004 | 6 | 2 |
| Rhode Island | 4,063 | 3,311 | 20 | 11 | 331 | 279 | 1 | 1 |
| Connecticut | 22,580 | 17,158 | 75 | 37 | 1,892 | 1,500 | 7 | 2 |
| **Middle Atlantic** | 423,611 | 356,396 | 1,536 | 1,207 | 40,477 | 34,968 | 96 | 80 |
| New York | 192,645 | 159,346 | 550 | 460 | 20,590 | 17,942 | 43 | 38 |
| New Jersey | 29,167 | 24,994 | 535 | 384 | 2,256 | 1,738 | 26 | 20 |
| Pennsylvania | 201,799 | 172,056 | 451 | 363 | 17,631 | 15,288 | 27 | 22 |
| **East North Central** | 1,080,267 | 963,019 | 4,477 | 3,483 | 117,458 | 110,652 | 278 | 239 |
| Ohio | 255,079 | 218,059 | 1,616 | 1,237 | 23,416 | 21,421 | 100 | 93 |
| Indiana | 204,554 | 181,095 | 572 | 475 | 21,027 | 19,660 | 37 | 29 |
| Illinois | 236,288 | 213,603 | 893 | 894 | 31,917 | 30,637 | 58 | 58 |
| Michigan | 195,714 | 168,811 | 733 | 561 | 18,984 | 17,081 | 49 | 38 |
| Wisconsin | 188,632 | 181,451 | 663 | 316 | 22,114 | 21,853 | 34 | 21 |
| **West North Central** | 1,090,032 | 1,101,648 | 6,919 | 11,107 | 255,461 | 264,071 | 1,512 | 1,417 |
| Minnesota | 178,271 | 185,010 | 207 | 245 | 30,202 | 30,892 | 20 | 21 |
| Iowa | 213,330 | 214,774 | 109 | 154 | 33,466 | 34,008 | 9 | 11 |
| Missouri | 260,178 | 250,079 | 2,826 | 5,861 | 34,584 | 33,486 | 190 | 257 |
| North Dakota | 77,147 | 77,174 | 543 | 801 | 36,028 | 38,508 | 187 | 150 |
| South Dakota | 73,025 | 80,417 | 1,612 | 2,740 | 33,786 | 35,680 | 850 | 791 |
| Nebraska | 124,033 | 129,188 | 384 | 270 | 42,159 | 44,678 | 67 | 30 |
| Kansas | 164,048 | 165,006 | 1,238 | 1,036 | 45,236 | 46,819 | 189 | 157 |
| **South Atlantic** | 775,144 | 760,089 | 383,832 | 298,379 | 79,550 | 71,704 | 18,225 | 14,659 |
| Delaware | 9,268 | 8,900 | 872 | 807 | 890 | 846 | 55 | 55 |
| Maryland | 41,699 | 37,936 | 6,209 | 5,267 | 4,406 | 4,029 | 352 | 346 |
| Dist. of Columbia | 184 | 93 | 20 | 11 | 5 | 3 | (1) | (1) |
| Virginia | 138,456 | 130,937 | 47,786 | 39,673 | 16,298 | 14,683 | 2,263 | 2,046 |
| West Virginia | 86,785 | 82,150 | 504 | 491 | 9,542 | 8,774 | 28 | 28 |
| North Carolina | 193,473 | 202,835 | 76,290 | 76,873 | 16,584 | 14,662 | 3,437 | 3,392 |
| South Carolina | 83,683 | 80,506 | 109,010 | 77,425 | 8,047 | 7,221 | 4,380 | 3,172 |
| Georgia | 180,545 | 168,809 | 130,187 | 86,789 | 18,369 | 16,974 | 7,072 | 5,105 |
| Florida | 41,051 | 47,923 | 12,954 | 11,043 | 5,409 | 4,512 | 638 | 515 |
| **East South Central** | 744,368 | 741,255 | 307,232 | 320,959 | 66,784 | 60,886 | 12,114 | 11,931 |
| Kentucky | 257,998 | 237,395 | 12,628 | 9,104 | 21,186 | 19,585 | 427 | 342 |
| Tennessee | 214,592 | 210,519 | 38,182 | 35,138 | 17,987 | 16,646 | 1,524 | 1,357 |
| Alabama | 160,896 | 163,566 | 95,203 | 93,829 | 15,229 | 13,396 | 4,348 | 4,159 |
| Mississippi | 110,882 | 129,775 | 161,219 | 182,888 | 12,382 | 11,259 | 5,815 | 6,073 |
| **West South Central** | 764,238 | 840,785 | 231,850 | 262,349 | 162,469 | 172,690 | 10,980 | 11,216 |
| Arkansas | 160,322 | 162,755 | 72,282 | 79,579 | 14,832 | 13,565 | 2,625 | 2,488 |
| Louisiana | 73,404 | 87,675 | 62,059 | 73,770 | 7,837 | 7,040 | 2,183 | 2,315 |
| Oklahoma | 173,263 | 180,929 | 18,725 | 22,937 | 30,239 | 31,825 | 1,713 | 1,966 |
| Texas | 357,249 | 409,426 | 78,784 | 86,063 | 109,561 | 120,260 | 4,459 | 4,447 |
| **Mountain** | 238,662 | 230,391 | 5,447 | 10,923 | 116,340 | 156,446 | 997 | 1,004 |
| Montana | 56,614 | 46,311 | 1,063 | 1,184 | 34,419 | 44,260 | 652 | 399 |
| Idaho | 41,598 | 40,976 | 508 | 698 | 8,328 | 9,290 | 48 | 57 |
| Wyoming | 15,579 | 15,748 | 169 | 263 | 11,787 | 23,483 | 23 | 43 |
| Colorado | 59,381 | 59,355 | 553 | 601 | 24,375 | 28,794 | 87 | 82 |
| New Mexico | 27,969 | 28,059 | 1,875 | 3,345 | 24,345 | 30,578 | 64 | 244 |
| Arizona | 9,329 | 10,220 | 646 | 3,953 | 5,742 | 10,407 | 60 | 119 |
| Utah | 25,248 | 26,591 | 414 | 568 | 4,999 | 5,574 | 51 | 39 |
| Nevada | 2,944 | 3,131 | 219 | 311 | 2,345 | 4,060 | 12 | 21 |
| **Pacific** | 225,839 | 254,229 | 8,325 | 7,504 | 55,430 | 59,993 | 722 | 532 |
| Washington | 65,022 | 69,555 | 1,266 | 1,349 | 13,143 | 13,405 | 101 | 129 |
| Oregon | 49,633 | 54,470 | 573 | 683 | 13,442 | 16,476 | 100 | 73 |
| California | 111,184 | 130,204 | 6,486 | 5,472 | 28,845 | 30,112 | 521 | 330 |

[1] Less than 500.

Source: Bureau of the Census, Department of Commerce.

## No. 593.—NUMBER OF FARMS IN THE SOUTH: By Color and Tenure of Operator, 1930

| | Total | Full owners | Part owners | Managers | Tenants | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | Total | Cash | Croppers | Other |
| **The South:** | | | | | | | | |
| White | 2,342,129 | 1,050,187 | 183,469 | 16,529 | 1,091,944 | 140,112 | 383,381 | 568,451 |
| Colored | 881,687 | 140,496 | 41,523 | 829 | 698,839 | 97,920 | 392,897 | 208,022 |
| **South Atlantic:** | | | | | | | | |
| White | 760,089 | 406,386 | 53,041 | 8,485 | 292,177 | 49,472 | 120,487 | 122,218 |
| Colored | 298,379 | 60,714 | 19,789 | 479 | 217,397 | 29,327 | 124,171 | 63,899 |
| Delaware— | | | | | | | | |
| White | 8,900 | 5,507 | 380 | 146 | 2,867 | 440 | 165 | 2,262 |
| Colored | 807 | 309 | 64 | 19 | 415 | 54 | 60 | 301 |
| Maryland— | | | | | | | | |
| White | 37,936 | 25,971 | 1,911 | 819 | 9,235 | 1,629 | 1,049 | 6,557 |
| Colored | 5,267 | 2,362 | 579 | 120 | 2,206 | 213 | 597 | 1,396 |
| District of Columbia— | | | | | | | | |
| White | 93 | 46 | 5 | 20 | 22 | 21 | -------- | 1 |
| Colored | 11 | 7 | 1 | 1 | 2 | 2 | -------- | -------- |
| Virginia— | | | | | | | | |
| White | 130,937 | 85,756 | 10,900 | 1,459 | 32,822 | 5,516 | 10,456 | 16,850 |
| Colored | 39,673 | 19,200 | 5,248 | 77 | 15,148 | 1,767 | 6,797 | 6,584 |
| West Virginia— | | | | | | | | |
| White | 82,150 | 60,253 | 5,947 | 714 | 15,236 | 7,046 | 1,811 | 6,379 |
| Colored | 491 | 328 | 45 | 7 | 111 | 38 | 23 | 50 |
| North Carolina— | | | | | | | | |
| White | 202,835 | 102,567 | 19,167 | 625 | 80,476 | 6,692 | 34,286 | 39,498 |
| Colored | 76,873 | 13,198 | 6,513 | 23 | 57,139 | 2,545 | 34,805 | 19,789 |
| South Carolina— | | | | | | | | |
| White | 80,506 | 33,578 | 4,900 | 622 | 41,406 | 6,511 | 17,893 | 17,002 |
| Colored | 77,425 | 11,937 | 4,055 | 71 | 61,362 | 11,759 | 31,046 | 18,557 |
| Georgia— | | | | | | | | |
| White | 168,809 | 61,582 | 7,139 | 1,334 | 98,754 | 17,001 | 51,404 | 30,349 |
| Colored | 86,789 | 9,014 | 2,067 | 72 | 75,636 | 10,532 | 49,450 | 15,654 |
| Florida— | | | | | | | | |
| White | 47,923 | 31,126 | 2,692 | 2,746 | 11,359 | 4,616 | 3,423 | 3,320 |
| Colored | 11,043 | 4,359 | 1,217 | 89 | 5,378 | 2,417 | 1,393 | 1,568 |
| **East South Central:** | | | | | | | | |
| White | 741,255 | 358,174 | 56,586 | 2,747 | 323,748 | 43,543 | 130,742 | 149,463 |
| Colored | 320,959 | 39,420 | 11,168 | 141 | 270,230 | 53,371 | 150,239 | 66,620 |
| Kentucky— | | | | | | | | |
| White | 237,395 | 132,160 | 21,068 | 660 | 83,507 | 8,748 | 27,134 | 47,625 |
| Colored | 9,104 | 3,055 | 1,120 | 15 | 4,914 | 140 | 3,116 | 1,658 |
| Tennessee— | | | | | | | | |
| White | 210,519 | 104,116 | 19,528 | 577 | 86,248 | 9,353 | 33,745 | 43,150 |
| Colored | 35,138 | 5,687 | 2,145 | 34 | 27,272 | 2,863 | 16,559 | 7,850 |
| Alabama— | | | | | | | | |
| White | 163,566 | 63,727 | 10,714 | 580 | 88,545 | 16,652 | 37,562 | 34,331 |
| Colored | 93,829 | 11,417 | 4,514 | 23 | 77,875 | 32,055 | 27,572 | 18,248 |
| Mississippi— | | | | | | | | |
| White | 129,775 | 58,121 | 5,276 | 930 | 65,448 | 8,790 | 32,301 | 24,357 |
| Colored | 182,888 | 19,261 | 3,389 | 69 | 160,169 | 18,313 | 102,992 | 38,864 |
| **West South Central:** | | | | | | | | |
| White | 840,785 | 285,627 | 73,842 | 5,297 | 476,019 | 47,097 | 132,152 | 296,770 |
| Colored | 262,349 | 40,362 | 10,566 | 209 | 211,212 | 15,222 | 118,487 | 77,503 |
| Arkansas— | | | | | | | | |
| White | 162,755 | 63,539 | 14,015 | 611 | 84,590 | 8,855 | 29,569 | 46,166 |
| Colored | 79,579 | 9,058 | 2,397 | 23 | 68,101 | 6,106 | 45,465 | 16,530 |
| Louisiana— | | | | | | | | |
| White | 87,675 | 38,107 | 4,549 | 681 | 44,338 | 6,194 | 17,214 | 20,930 |
| Colored | 73,770 | 8,786 | 1,717 | 54 | 63,213 | 6,692 | 32,214 | 24,307 |
| Oklahoma— | | | | | | | | |
| White | 180,929 | 47,097 | 22,283 | 779 | 110,770 | 16,569 | 16,495 | 77,706 |
| Colored | 22,937 | 6,550 | 1,784 | 44 | 14,559 | 1,029 | 4,560 | 8,970 |
| Texas— | | | | | | | | |
| White | 409,426 | 136,884 | 32,995 | 3,226 | 236,321 | 15,479 | 68,874 | 151,968 |
| Colored | 86,063 | 15,968 | 4,668 | 88 | 65,339 | 1,395 | 36,248 | 27,696 |

Source: Bureau of the Census, Department of Commerce.

## No. 594.—ACREAGE OF FARMS IN THE SOUTH: By Color and Tenure of Operator, 1930

[All figures in thousands of acres]

| | Total | Full owners | Part owners | Managers | Tenants | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | Total | Cash | Croppers | Other |
| **The South:** | | | | | | | | |
| White | 305,281 | 136,194 | 42,427 | 27,296 | 99,364 | 23,066 | 19,635 | 56,663 |
| Colored | 37,806 | 9,010 | 2,469 | 267 | 26,060 | 4,095 | 11,970 | 9,995 |
| **South Atlantic:** | | | | | | | | |
| White | 71,704 | 41,694 | 5,699 | 3,641 | 20,670 | 4,396 | 6,284 | 9,989 |
| Colored | 14,659 | 3,314 | 944 | 110 | 10,290 | 1,472 | 5,079 | 3,740 |
| Delaware— | | | | | | | | |
| White | 846 | 431 | 36 | 26 | 353 | 32 | 16 | 304 |
| Colored | 55 | 11 | 3 | 3 | 38 | 2 | 4 | 31 |
| Maryland— | | | | | | | | |
| White | 4,029 | 2,306 | 226 | 207 | 1,290 | 144 | 144 | 1,002 |
| Colored | 346 | 88 | 20 | 22 | 216 | 9 | 47 | 160 |
| District of Columbia— | | | | | | | | |
| White | 3 | 1 | (1) | 2 | (1) | (1) | | (1) |
| Colored | (1) | (1) | (1) | (1) | (1) | (1) | | |
| Virginia— | | | | | | | | |
| White | 14,683 | 9,743 | 1,324 | 632 | 2,984 | 547 | 680 | 1,756 |
| Colored | 2,046 | 937 | 246 | 23 | 839 | 115 | 284 | 441 |
| West Virginia— | | | | | | | | |
| White | 8,774 | 6,305 | 822 | 256 | 1,392 | 578 | 174 | 639 |
| Colored | 28 | 16 | 3 | 1 | 9 | 2 | 1 | 5 |
| North Carolina— | | | | | | | | |
| White | 14,663 | 8,712 | 1,378 | 249 | 4,323 | 443 | 1,303 | 2,577 |
| Colored | 3,393 | 697 | 285 | 6 | 2,404 | 138 | 1,212 | 1,054 |
| South Carolina— | | | | | | | | |
| White | 7,221 | 3,859 | 582 | 416 | 2,365 | 525 | 759 | 1,081 |
| Colored | 3,172 | 617 | 171 | 21 | 2,363 | 339 | 1,091 | 934 |
| Georgia— | | | | | | | | |
| White | 16,974 | 7,944 | 1,028 | 908 | 7,095 | 1,675 | 2,992 | 2,427 |
| Colored | 5,105 | 726 | 157 | 24 | 4,198 | 703 | 2,380 | 1,054 |
| Florida— | | | | | | | | |
| White | 4,512 | 2,395 | 304 | 945 | 868 | 450 | 216 | 202 |
| Colored | 515 | 223 | 59 | 9 | 224 | 104 | 59 | 61 |
| **East South Central:** | | | | | | | | |
| White | 60,886 | 36,381 | 5,384 | 1,238 | 17,883 | 3,319 | 4,873 | 9,690 |
| Colored | 11,931 | 2,874 | 649 | 50 | 8,358 | 2,025 | 3,660 | 2,673 |
| Kentucky— | | | | | | | | |
| White | 19,585 | 12,580 | 1,848 | 103 | 4,964 | 676 | 1,007 | 3,281 |
| Colored | 342 | 138 | 45 | 3 | 156 | 5 | 74 | 77 |
| Tennessee— | | | | | | | | |
| White | 16,646 | 9,569 | 1,741 | 200 | 5,136 | 692 | 1,321 | 3,122 |
| Colored | 1,357 | 310 | 109 | 6 | 932 | 137 | 442 | 354 |
| Alabama— | | | | | | | | |
| White | 13,396 | 7,030 | 1,184 | 318 | 4,864 | 1,286 | 1,575 | 2,003 |
| Colored | 4,159 | 917 | 273 | 14 | 2,955 | 1,198 | 938 | 819 |
| Mississippi— | | | | | | | | |
| White | 11,259 | 7,203 | 611 | 526 | 2,919 | 665 | 970 | 1,284 |
| Colored | 6,073 | 1,509 | 221 | 27 | 4,315 | 685 | 2,206 | 1,424 |
| **West South Central:** | | | | | | | | |
| White | 172,690 | 58,119 | 31,344 | 22,417 | 60,811 | 15,350 | 8,478 | 36,983 |
| Colored | 11,216 | 2,822 | 876 | 107 | 7,411 | 598 | 3,231 | 3,582 |
| Arkansas— | | | | | | | | |
| White | 13,565 | 6,713 | 1,573 | 285 | 4,995 | 673 | 1,055 | 3,266 |
| Colored | 2,488 | 561 | 144 | 7 | 1,776 | 220 | 961 | 595 |
| Louisiana— | | | | | | | | |
| White | 7,040 | 3,595 | 562 | 856 | 2,026 | 388 | 535 | 1,103 |
| Colored | 2,315 | 513 | 90 | 20 | 1,692 | 205 | 718 | 769 |
| Oklahoma— | | | | | | | | |
| White | 31,825 | 7,244 | 8,313 | 943 | 15,325 | 2,549 | 1,529 | 11,247 |
| Colored | 1,966 | 623 | 291 | 43 | 1,008 | 103 | 218 | 688 |
| Texas— | | | | | | | | |
| White | 120,260 | 40,567 | 20,895 | 20,333 | 38,464 | 11,740 | 5,358 | 21,366 |
| Colored | 4,447 | 1,125 | 350 | 37 | 2,935 | 70 | 1,334 | 1,531 |

[1] Less than 500 acres.

Source: Bureau of the Census, Department of Commerce.

## No. 595.—NUMBER AND ACREAGE OF FARMS: By Color, Nativity, and Tenure of Operator, United States and Certain Regions and Divisions

Note.—For total number of farms (all tenures combined) see Table 582. The "North" includes New England, Middle Atlantic, East and West North Central divisions; the "South," the three subdivisions listed below it. Data for 1930 are not yet available

| Division and color and nativity | Number of farms operated by— | | | | All land (thousands of acres) in farms operated by— | | | Improved land (thousands of acres) in farms operated by— | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Owners and managers | | Tenants | | All farmers, 1920 | Owners and managers, 1920 | Tenants, 1920 | All farmers, 1920 | Owners and managers, 1920 | Tenants, 1920 |
| | 1910 | 1920 | 1910 | 1920 | | | | | | |
| United States | 4,006,826 | 3,993,539 | 2,354,676 | 2,454,804 | 955,884 | 690,904 | 264,980 | 503,073 | 327,318 | 175,755 |
| Native white | 3,212,671 | 3,286,556 | 1,558,392 | 1,630,830 | 799,767 | 583,464 | 216,304 | 411,266 | 271,155 | 140,111 |
| Foreign-born white | 551,390 | 471,535 | 118,166 | 109,533 | 111,172 | 90,261 | 20,911 | 62,508 | 47,883 | 14,625 |
| Colored | 242,765 | 235,448 | 678,118 | 714,441 | 44,945 | 17,180 | 27,765 | 29,298 | 8,280 | 21,019 |
| The North | 2,125,117 | 1,984,188 | 765,501 | 779,218 | 432,272 | 300,661 | 131,611 | 291,966 | 192,325 | 99,641 |
| Native white | 1,669,820 | 1,622,968 | 670,792 | 701,062 | 356,314 | 239,750 | 116,564 | 242,571 | 154,382 | 88,189 |
| Foreign-born white | 442,094 | 351,804 | 90,028 | 74,369 | 74,051 | 59,371 | 14,681 | 48,610 | 37,402 | 11,208 |
| Colored | 13,203 | 9,416 | 4,681 | 3,787 | 1,906 | 1,540 | 366 | 785 | 541 | 244 |
| The South | 1,560,795 | 1,615,543 | 1,536,752 | 1,591,121 | 350,122 | 243,043 | 107,079 | 157,080 | 93,040 | 64,040 |
| Native white | 1,304,650 | 1,364,289 | 849,295 | 868,645 | 300,381 | 222,005 | 78,376 | 125,682 | 83,210 | 42,472 |
| Foreign-born white | 36,478 | 31,895 | 16,983 | 18,921 | 8,423 | 6,594 | 1,829 | 3,654 | 2,433 | 1,221 |
| Colored | 219,667 | 219,359 | 670,474 | 703,555 | 41,318 | 14,444 | 26,874 | 27,744 | 7,396 | 20,347 |
| South Atlantic | 601,452 | 616,888 | 510,429 | 542,088 | 97,775 | 66,200 | 31,575 | 48,510 | 29,499 | 19,011 |
| Native white | 492,466 | 506,722 | 256,412 | 261,049 | 78,825 | 59,891 | 18,934 | 36,743 | 26,404 | 10,340 |
| Foreign-born white | 6,305 | 6,546 | 830 | 827 | 725 | 645 | 80 | 313 | 280 | 33 |
| Colored | 102,681 | 103,620 | 253,181 | 280,212 | 18,225 | 5,664 | 12,561 | 11,454 | 2,816 | 8,638 |
| East South Central | 513,742 | 529,314 | 528,738 | 522,286 | 78,897 | 55,550 | 23,347 | 44,380 | 28,415 | 15,965 |
| Native white | 450,793 | 470,492 | 261,650 | 270,370 | 66,455 | 51,238 | 15,217 | 35,661 | 26,234 | 9,427 |
| Foreign-born white | 3,963 | 2,875 | 856 | 631 | 329 | 293 | 36 | 177 | 153 | 25 |
| Colored | 58,986 | 55,947 | 266,232 | 251,285 | 12,114 | 4,019 | 8,095 | 8,542 | 2,028 | 6,513 |
| West South Central | 445,601 | 469,341 | 497,585 | 526,747 | 173,449 | 121,292 | 52,157 | 64,190 | 35,125 | 29,064 |
| Native white | 361,391 | 387,075 | 331,233 | 337,226 | 155,100 | 110,875 | 44,224 | 53,278 | 30,572 | 22,706 |
| Foreign-born white | 26,210 | 22,474 | 15,291 | 17,463 | 7,369 | 5,656 | 1,714 | 3,164 | 2,001 | 1,163 |
| Colored | 58,000 | 59,792 | 151,061 | 172,058 | 10,980 | 4,761 | 6,219 | 7,748 | 2,552 | 5,196 |
| Mountain | 163,756 | 206,631 | 19,690 | 37,478 | 117,337 | 103,862 | 13,475 | 30,106 | 25,129 | 4,977 |
| Native white | 127,912 | 166,840 | 16,079 | 30,838 | 99,284 | 87,492 | 11,792 | 24,614 | 20,412 | 4,202 |
| Foreign-born white | 28,147 | 35,402 | 3,280 | 5,582 | 17,056 | 15,488 | 1,568 | 5,196 | 4,489 | 707 |
| Colored | 7,697 | 4,389 | 331 | 1,058 | 997 | 882 | 116 | 295 | 228 | 67 |
| Pacific | 157,158 | 187,177 | 32,733 | 46,987 | 56,153 | 43,338 | 12,815 | 23,922 | 16,825 | 7,097 |
| Native white | 110,289 | 132,459 | 22,226 | 30,285 | 43,789 | 34,216 | 9,572 | 18,399 | 13,152 | 5,247 |
| Foreign-born white | 44,671 | 52,434 | 7,875 | 10,661 | 11,642 | 8,808 | 2,834 | 5,048 | 3,559 | 1,489 |
| Colored | 2,198 | 2,284 | 2,632 | 6,041 | 722 | 313 | 409 | 474 | 114 | 360 |

Source: Bureau of the Census, Department of Commerce.

## No. 596.—VALUE OF FARM PROPERTY: Farms Operated by Owners and Tenants, by Geographic Divisions

Note.—For total value of farm property by geographic divisions, all tenures (including managers) combined, see Table 583, p. 642

| Division | Farms operated by— | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Full owners | | Part owners | | Cash tenants | | Other tenants | |
| | 1925 | 1930 | 1925 | 1930 | 1925 | 1930 | 1925 | 1930 |
| | Value of land and buildings (millions of dollars) | | | | | | | |
| United States | 24,209 | 21,123 | 6,808 | 8,137 | 3,370 | 3,801 | 13,480 | 12,580 |
| New England | 748 | 713 | 40 | 77 | 29 | 34 | 22 | 23 |
| Middle Atlantic | 2,006 | 1,948 | 145 | 219 | 175 | 195 | 357 | 261 |
| East North Central | 5,450 | 4,354 | 1,347 | 1,413 | 721 | 668 | 3,298 | 2,635 |
| West North Central | 6,498 | 5,254 | 3,210 | 3,466 | 1,534 | 1,658 | 5,116 | 4,564 |
| South Atlantic | 2,534 | 2,116 | 190 | 279 | 162 | 201 | 1,018 | 964 |
| East South Central | 1,457 | 1,369 | 157 | 214 | 141 | 190 | 685 | 832 |
| West South Central | 1,963 | 1,964 | 561 | 860 | 221 | 326 | 2,049 | 2,329 |
| Mountain | 980 | 970 | 581 | 758 | 91 | 130 | 405 | 443 |
| Pacific | 2,572 | 2,435 | 576 | 851 | 297 | 399 | 531 | 529 |
| | Value of improvements and machinery (millions of dollars) | | | | | | | |
| United States | 1,482.0 | 1,585.0 | 385.3 | 631.2 | 159.1 | 233.8 | 606.6 | 759.7 |
| New England | 69.9 | 73.1 | 4.4 | 8.5 | 2.1 | 3.0 | 1.9 | 1.9 |
| Middle Atlantic | 247.9 | 256.2 | 19.8 | 31.0 | 15.0 | 18.4 | 42.9 | 36.4 |
| East North Central | 327.7 | 328.4 | 68.9 | 98.2 | 33.1 | 40.6 | 130.4 | 146.2 |
| West North Central | 340.1 | 379.2 | 177.7 | 283.5 | 69.3 | 110.9 | 223.3 | 307.8 |
| South Atlantic | 131.2 | 123.1 | 11.1 | 17.8 | 6.6 | 9.8 | 40.6 | 41.1 |
| East South Central | 77.4 | 89.9 | 9.2 | 14.6 | 7.1 | 11.0 | 28.0 | 37.7 |
| West South Central | 112.5 | 130.0 | 30.8 | 59.1 | 9.5 | 14.6 | 95.1 | 123.6 |
| Mountain | 64.3 | 86.0 | 34.2 | 70.5 | 4.8 | 9.6 | 21.9 | 37.9 |
| Pacific | 111.1 | 119.1 | 29.4 | 48.0 | 11.7 | 15.9 | 22.4 | 27.1 |
| | Average value of land and buildings per farm (dollars) | | | | | | | |
| United States | 7,306 | 7,255 | 12,270 | 12,389 | 8,565 | 7,770 | 6,515 | 5,784 |
| New England | 5,210 | 6,649 | 8,806 | 11,372 | 5,167 | 6,404 | 6,570 | 8,924 |
| Middle Atlantic | 6,041 | 7,002 | 8,999 | 10,456 | 7,907 | 9,328 | 8,089 | 8,276 |
| East North Central | 8,163 | 7,630 | 12,931 | 11,465 | 12,381 | 10,638 | 15,350 | 13,098 |
| West North Central | 12,849 | 11,477 | 17,823 | 17,047 | 16,193 | 13,634 | 15,732 | 14,149 |
| South Atlantic | 4,607 | 4,531 | 3,209 | 3,835 | 2,613 | 2,548 | 2,364 | 2,238 |
| East South Central | 3,334 | 3,443 | 2,592 | 3,157 | 1,783 | 1,958 | 1,601 | 1,674 |
| West South Central | 5,668 | 6,024 | 8,531 | 10,189 | 5,305 | 5,232 | 3,656 | 3,727 |
| Mountain | 7,165 | 7,444 | 13,709 | 15,583 | 8,309 | 8,292 | 9,911 | 10,278 |
| Pacific | 13,246 | 13,778 | 26,486 | 29,474 | 15,401 | 16,083 | 23,986 | 24,649 |
| | Average value of implements and machinery per farm (dollars) | | | | | | | |
| United States | 447 | 544 | 694 | 961 | 404 | 478 | 293 | 349 |
| New England | 487 | 682 | 950 | 1,255 | 375 | 570 | 566 | 741 |
| Middle Atlantic | 746 | 921 | 1,229 | 1,484 | 682 | 880 | 972 | 1,154 |
| East North Central | 491 | 576 | 662 | 796 | 568 | 646 | 607 | 727 |
| West North Central | 673 | 828 | 987 | 1,394 | 732 | 912 | 687 | 954 |
| South Atlantic | 239 | 264 | 186 | 244 | 106 | 124 | 94 | 95 |
| East South Central | 177 | 226 | 151 | 216 | 91 | 114 | 66 | 76 |
| West South Central | 325 | 399 | 468 | 701 | 227 | 233 | 170 | 198 |
| Mountain | 470 | 660 | 806 | 1,450 | 439 | 609 | 537 | 878 |
| Pacific | 572 | 674 | 1,352 | 1,663 | 605 | 642 | 1,012 | 1,261 |

Source: Bureau of the Census, Department of Commerce.

## No. 597.—MORTGAGE STATUS OF FARMS OWNED BY OPERATOR

NOTE.—Data for 1930 are not yet available

| Item | 1890 [1] | 1900 [1] | 1910 | 1920 | 1925 |
|---|---|---|---|---|---|
| FARMS OWNED WHOLLY OR IN PART BY THE OPERATOR | | | | | |
| Total number | 3,142,746 | 3,638,403 | 3,948,722 | 3,925,090 | 3,868,332 |
| Reported as free from mortgage | 2,228,806 | 2,419,180 | 2,588,596 | 2,074,325 | (2) |
| Reported as mortgaged | 874,215 | 1,093,164 | 1,312,034 | 1,461,306 | 1,395,026 |
| Unknown (no report) | 39,725 | 126,059 | 48,092 | 389,459 | (2) |
| Per cent of total— | | | | | |
| Free from mortgage | 70.9 | 66.5 | 65.6 | 52.8 | (2) |
| Reporting mortgage debt | 27.8 | 30.0 | 33.2 | 37.2 | 36.1 |
| Unknown (no report) | 1.3 | 3.5 | 1.2 | 9.9 | (2) |
| FARMS OWNED WHOLLY BY THE OPERATOR | | | | | |
| Total number | (2) | 3,201,947 | 3,354,897 | 3,366,510 | 3,313,490 |
| Number reporting amount of mortgage debt | [3] 886,957 | (2) | 1,006,511 | 1,193,047 | 1,128,207 |
| Per cent of total | (2) | (2) | 30.0 | 35.4 | 34.0 |
| Value of land and buildings ... 1,000 dollars | (2) | 9,129,328 | 17,310,639 | 30,710,721 | 24,208,740 |
| Ratio of mortgage debt to value ... per cent | (2) | (2) | 10.0 | 13.0 | 18.7 |
| Reporting mortgage debt: | | | | | |
| Total number | [3] 886,957 | (2) | 1,006,511 | 1,193,047 | 1,128,207 |
| Value of land and buildings ... 1,000 dollars | [3] 3,054,923 | (2) | 6,330,237 | 13,775,500 | 10,790,244 |
| Amount of mortgage debt ... do | [3] 1,085,996 | (2) | 1,726,173 | 4,003,767 | 4,517,259 |
| Ratio of mortgage debt to value ... per cent | [3] 35.5 | (2) | 27.3 | 29.1 | 41.9 |
| Average per mortgaged farm— | | | | | |
| Value of land and buildings ... dollars | [3] 3,444 | (2) | 6,289 | 11,546 | 9,564 |
| Amount of mortgage debt ... do | [3] 1,224 | (2) | 1,715 | 3,356 | 4,004 |
| Equity owned ... do | [3] 2,220 | (2) | 4,574 | 8,191 | 5,560 |

[1] Farm homes occupied by their owners. [2] Not available.
[3] Estimated totals for owned farm homes mortgaged, estimates being made for farms with defective reports.

## No. 598.—FARMS OWNED WHOLLY BY OPERATOR AND REPORTING MORTGAGE DEBT: NUMBER, ACREAGE, VALUE, AND MORTGAGE DEBT, BY SIZE OF FARM, 1925

Note.— Data for 1930 are not yet available

| Item | United States |
|---|---|
| **Number of farms** | 1,128,207 |
| Under 3 acres | 3,060 |
| 3 to 9 acres | 53,121 |
| 10 to 19 acres | 59,725 |
| 20 to 49 acres | 187,911 |
| 50 to 99 acres | 297,024 |
| 100 to 174 acres | 299,335 |
| 175 to 259 acres | 99,118 |
| 260 to 499 acres | 90,162 |
| 500 to 999 acres | 27,549 |
| 1,000 acres and over | 11,202 |
| **Acreage in farms** | 172,182,218 |
| Under 3 acres | 4,879 |
| 3 to 9 acres | 300,643 |
| 10 to 19 acres | 779,216 |
| 20 to 49 acres | 6,522,903 |
| 50 to 99 acres | 21,854,189 |
| 100 to 174 acres | 40,383,565 |
| 175 to 259 acres | 20,993,562 |
| 260 to 499 acres | 31,058,620 |
| 500 to 999 acres | 18,647,691 |
| 1,000 acres and over | 31,636,950 |
| **Value of land and buildings ... 1,000 dollars** | 10,790,244 |
| Under 3 acres | 19,814 |
| 3 to 9 acres | 275,499 |
| 10 to 19 acres | 364,751 |
| 20 to 49 acres | 994,394 |
| 50 to 99 acres | 1,884,952 |
| 100 to 174 acres | 3,005,134 |
| **Value of land and buildings ... 1,000 dollars—Contd.** | |
| 175 to 259 acres | 1,474,677 |
| 260 to 499 acres | 1,616,742 |
| 500 to 999 acres | 641,832 |
| 1,000 acres and over | 512,448 |
| **Amount of mortgage debt ... 1,000 dollars** | 4,517,259 |
| Under 3 acres | 6,812 |
| 3 to 9 acres | 101,391 |
| 10 to 19 acres | 129,752 |
| 20 to 49 acres | 380,395 |
| 50 to 99 acres | 798,502 |
| 100 to 174 acres | 1,327,265 |
| 175 to 259 acres | 642,644 |
| 260 to 499 acres | 686,290 |
| 500 to 999 acres | 254,994 |
| 1,000 acres and over | 189,215 |
| **Ratio of debt to value ... per cent** | 41.9 |
| Under 3 acres | 34.4 |
| 3 to 9 acres | 36.8 |
| 10 to 19 acres | 35.6 |
| 20 to 49 acres | 38.3 |
| 50 to 99 acres | 42.4 |
| 100 to 174 acres | 44.2 |
| 175 to 259 acres | 43.6 |
| 260 to 499 acres | 42.4 |
| **Ratio of debt to value per cent—Contd.** | |
| 500 to 999 acres | 39.7 |
| 1,000 acres and over | 36.9 |
| **Value per acre ... dollars** | 62.67 |
| Under 3 acres | 4,061.14 |
| 3 to 9 acres | 916.37 |
| 10 to 19 acres | 468.10 |
| 20 to 49 acres | 152.45 |
| 50 to 99 acres | 86.25 |
| 100 to 174 acres | 74.41 |
| 175 to 259 acres | 70.24 |
| 260 to 499 acres | 52.05 |
| 500 to 999 acres | 34.42 |
| 1,000 acres and over | 16.20 |
| **Mortgage debt per acre ... dollars** | 26.24 |
| Under 3 acres | 1,396.10 |
| 3 to 9 acres | 337.25 |
| 10 to 19 acres | 166.52 |
| 20 to 49 acres | 58.32 |
| 50 to 99 acres | 36.54 |
| 100 to 174 acres | 32.87 |
| 175 to 259 acres | 30.61 |
| 260 to 499 acres | 22.10 |
| 500 to 999 acres | 13.67 |
| 1,000 acres and over | 5.98 |

Source of Tables 597 and 598: Bureau of the Census, Department of Commerce.

## No. 599.—MORTGAGE STATUS OF FARMS OWNED WHOLLY OR IN PART BY THE OPERATOR: By States

Note.—The number of all owned farms includes farms with mortgage status not reported, which constituted only 1.2 per cent in 1910 and 9.9 per cent in 1920. The 1925 schedule called only for the amount of mortgages on farms. Data relating to mortgage status of farms for 1930 are not yet available

| Division and State | All owned farms (number) | | | Free from mortgage (number) | | Mortgaged (number) | | |
|---|---|---|---|---|---|---|---|---|
| | 1910 | 1920 | 1925 | 1910 | 1920 | 1910 | 1920 | 1925 |
| United States | 3,948,722 | 3,925,090 | 3,868,332 | 2,588,596 | 2,074,325 | 1,312,034 | 1,461,306 | 1,395,026 |
| New England | 168,408 | 140,160 | 148,159 | 108,938 | 80,412 | 58,474 | 53,138 | 49,864 |
| Maine | 56,454 | 45,437 | 47,984 | 41,309 | 30,665 | 14,948 | 13,023 | 11,925 |
| New Hampshire | 24,493 | 18,604 | 19,895 | 18,119 | 11,992 | 6,234 | 5,389 | 4,716 |
| Vermont | 28,065 | 25,121 | 24,889 | 14,851 | 12,132 | 13,140 | 12,225 | 10,850 |
| Massachusetts | 32,075 | 28,087 | 30,870 | 18,768 | 14,055 | 13,014 | 12,632 | 12,248 |
| Rhode Island | 4,087 | 3,245 | 3,263 | 2,811 | 1,971 | 1,180 | 949 | 946 |
| Connecticut | 23,234 | 19,666 | 21,258 | 13,080 | 9,597 | 9,958 | 8,920 | 9,179 |
| Middle Atlantic | 355,036 | 327,104 | 348,179 | 217,257 | 179,326 | 134,803 | 125,216 | 110,810 |
| New York | 166,674 | 151,717 | 159,949 | 93,118 | 75,522 | 72,311 | 66,633 | 61,905 |
| New Jersey | 24,133 | 21,889 | 24,535 | 11,983 | 10,000 | 11,793 | 10,085 | 10,118 |
| Pennsylvania | 164,229 | 153,498 | 163,695 | 112,156 | 93,804 | 50,699 | 48,498 | 38,787 |
| East North Central | 809,044 | 766,786 | 771,876 | 473,822 | 382,771 | 327,463 | 326,313 | 305,046 |
| Ohio | 192,104 | 177,986 | 181,347 | 135,616 | 110,004 | 54,997 | 50,784 | 47,800 |
| Indiana | 148,501 | 137,210 | 137,429 | 89,847 | 73,233 | 56,914 | 51,474 | 49,960 |
| Illinois | 145,107 | 132,574 | 129,074 | 86,713 | 68,892 | 55,792 | 51,039 | 45,814 |
| Michigan | 172,310 | 159,406 | 161,974 | 88,705 | 72,869 | 82,631 | 78,758 | 70,853 |
| Wisconsin | 151,022 | 159,610 | 162,052 | 72,941 | 57,773 | 77,129 | 94,258 | 90,619 |
| West North Central | 758,946 | 711,156 | 685,797 | 404,555 | 278,906 | 346,182 | 368,158 | 350,991 |
| Minnesota | 122,104 | 132,744 | 136,382 | 65,038 | 54,086 | 56,145 | 69,545 | 66,319 |
| Iowa | 133,003 | 121,888 | 116,444 | 63,234 | 45,807 | 68,045 | 66,096 | 64,781 |
| Missouri | 192,285 | 185,030 | 174,383 | 102,514 | 82,099 | 88,486 | 85,538 | 76,970 |
| North Dakota | 63,212 | 56,917 | 49,513 | 30,651 | 12,833 | 31,727 | 40,462 | 31,602 |
| South Dakota | 57,984 | 47,815 | 46,160 | 35,101 | 16,037 | 21,691 | 27,262 | 28,813 |
| Nebraska | 79,250 | 69,672 | 67,766 | 47,435 | 27,065 | 30,839 | 35,191 | 38,279 |
| Kansas | 111,108 | 97,090 | 95,149 | 60,582 | 40,979 | 49,249 | 44,064 | 44,227 |
| South Atlantic | 593,154 | 607,089 | 609,304 | 474,742 | 408,804 | 110,198 | 118,026 | 126,838 |
| Delaware | 6,178 | 6,010 | 6,515 | 3,817 | 3,504 | 2,264 | 2,018 | 1,748 |
| Maryland | 33,519 | 32,805 | 35,138 | 21,084 | 19,292 | 12,127 | 11,339 | 10,513 |
| Dist. of Columbia | 118 | 100 | 81 | 93 | 53 | 21 | 29 | 19 |
| Virginia | 133,664 | 136,363 | 143,587 | 111,474 | 98,470 | 21,182 | 24,331 | 27,075 |
| West Virginia | 75,978 | 72,101 | 74,943 | 66,093 | 52,617 | 9,525 | 10,274 | 9,104 |
| North Carolina | 145,320 | 151,376 | 154,805 | 117,028 | 102,950 | 26,642 | 24,499 | 29,918 |
| South Carolina | 64,350 | 67,724 | 59,969 | 47,535 | 42,847 | 15,020 | 14,299 | 15,521 |
| Georgia | 98,628 | 102,123 | 88,680 | 78,004 | 64,061 | 18,257 | 23,135 | 24,083 |
| Florida | 35,399 | 38,487 | 45,586 | 29,614 | 25,010 | 5,160 | 8,102 | 8,857 |
| East South Central | 510,452 | 525,808 | 497,825 | 388,337 | 339,312 | 114,195 | 124,723 | 119,931 |
| Kentucky | 170,332 | 179,327 | 175,442 | 135,505 | 116,613 | 33,039 | 40,615 | 34,688 |
| Tennessee | 144,125 | 148,082 | 148,627 | 118,285 | 105,128 | 24,006 | 32,264 | 30,703 |
| Alabama | 103,929 | 107,089 | 92,948 | 74,504 | 64,498 | 27,457 | 27,854 | 27,790 |
| Mississippi | 92,066 | 91,310 | 80,808 | 60,543 | 53,073 | 29,693 | 23,990 | 26,750 |
| West South Central | 440,905 | 464,328 | 412,064 | 299,303 | 236,932 | 132,252 | 162,738 | 147,212 |
| Arkansas | 106,649 | 112,647 | 95,476 | 82,321 | 64,881 | 22,374 | 33,990 | 31,419 |
| Louisiana | 52,989 | 57,254 | 52,386 | 42,011 | 36,010 | 9,834 | 11,783 | 14,424 |
| Oklahoma | 85,404 | 93,217 | 81,226 | 46,889 | 30,551 | 36,036 | 47,025 | 39,263 |
| Texas | 195,863 | 201,210 | 182,976 | 128,082 | 105,490 | 64,008 | 69,940 | 62,106 |
| Mountain | 160,844 | 202,515 | 179,198 | 125,940 | 88,731 | 33,060 | 97,038 | 84,939 |
| Montana | 23,365 | 50,271 | 36,281 | 18,014 | 16,365 | 4,820 | 29,897 | 19,818 |
| Idaho | 27,169 | 34,647 | 30,195 | 17,933 | 11,872 | 9,010 | 20,060 | 16,509 |
| Wyoming | 9,779 | 13,403 | 12,545 | 7,815 | 6,816 | 1,923 | 5,513 | 6,088 |
| Colorado | 36,993 | 45,291 | 39,517 | 26,822 | 20,965 | 9,636 | 21,131 | 20,997 |
| New Mexico | 33,398 | 25,756 | 26,005 | 31,382 | 16,650 | 1,775 | 6,257 | 6,897 |
| Arizona | 8,203 | 7,869 | 8,179 | 7,038 | 3,708 | 1,043 | 3,380 | 3,276 |
| Utah | 19,762 | 22,579 | 23,013 | 15,131 | 10,756 | 4,492 | 9,916 | 10,190 |
| Nevada | 2,175 | 2,699 | 3,463 | 1,805 | 1,599 | 361 | 884 | 1,164 |
| Pacific | 151,933 | 180,144 | 215,930 | 95,202 | 79,131 | 55,407 | 85,956 | 99,395 |
| Washington | 47,505 | 52,701 | 60,389 | 30,979 | 25,012 | 16,026 | 24,004 | 27,604 |
| Oregon | 37,796 | 39,863 | 45,887 | 24,855 | 18,077 | 12,632 | 17,843 | 20,990 |
| California | 66,632 | 87,580 | 109,654 | 39,368 | 36,042 | 26,749 | 44,109 | 50,801 |

Source: Bureau of the Census, Department of Commerce.

## No. 600.—MORTGAGE DEBT OF FARMS OWNED WHOLLY BY THE OPERATOR: BY STATES

NOTE:—This table does not include farms operated by managers or tenants or consisting in part of rented land. Data relating to mortgage debt of farms for 1930 are not yet available

| Division and State | Farms operated by full owners reporting amount of mortgage debt | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of farms | | | Value of land and buildings (thousands of dollars) | | | Amount of debt (thousands of dollars) | | |
| | 1910 | 1920 | 1925 | 1910 | 1920 | 1925 | 1910 | 1920 | 1925 |
| United States | 1,006,511 | 1,193,047 | 1,128,207 | 6,330,237 | 13,775,500 | 10,790,244 | 1,726,173 | 4,003,767 | 4,517,259 |
| New England | 53,791 | 49,456 | 47,817 | 183,826 | 271,163 | 272,709 | 58,536 | 91,756 | 109,361 |
| Maine | 13,894 | 12,345 | 11,632 | 39,774 | 58,427 | 59,644 | 11,739 | 18,592 | 24,619 |
| New Hampshire | 5,666 | 4,951 | 4,591 | 15,457 | 20,274 | 18,264 | 4,774 | 6,821 | 7,209 |
| Vermont | 12,138 | 11,504 | 10,431 | 36,859 | 61,071 | 51,883 | 12,436 | 23,576 | 24,057 |
| Massachusetts | 12,030 | 11,663 | 11,660 | 49,742 | 70,745 | 76,362 | 16,371 | 23,412 | 28,402 |
| Rhode Island | 1,001 | 856 | 869 | 4,088 | 4,865 | 5,185 | 1,356 | 1,494 | 1,971 |
| Connecticut | 9,062 | 8,137 | 8,634 | 37,906 | 55,781 | 61,431 | 11,859 | 17,861 | 23,102 |
| Middle Atlantic | 118,220 | 113,441 | 104,317 | 516,335 | 711,868 | 696,005 | 178,326 | 258,397 | 286,334 |
| New York | 62,555 | 59,735 | 57,245 | 284,659 | 388,114 | 397,889 | 97,310 | 145,533 | 165,622 |
| New Jersey | 10,666 | 9,296 | 9,824 | 55,507 | 67,176 | 81,964 | 19,477 | 25,123 | 31,893 |
| Pennsylvania | 44,999 | 44,410 | 37,248 | 176,168 | 256,577 | 216,152 | 61,539 | 87,741 | 88,818 |
| East N. Central | 257,884 | 274,347 | 255,246 | 1,605,965 | 2,959,228 | 2,290,825 | 459,887 | 922,266 | 1,011,942 |
| Ohio | 42,785 | 43,068 | 41,110 | 220,750 | 387,188 | 307,622 | 63,788 | 121,121 | 134,738 |
| Indiana | 40,108 | 40,416 | 38,734 | 251,961 | 439,153 | 300,320 | 57,487 | 105,256 | 119,621 |
| Illinois | 36,938 | 36,663 | 31,854 | 454,857 | 775,395 | 535,833 | 115,800 | 197,212 | 218,544 |
| Michigan | 68,655 | 67,119 | 60,707 | 250,874 | 420,108 | 351,799 | 75,997 | 144,103 | 149,683 |
| Wisconsin | 69,398 | 87,081 | 83,341 | 427,522 | 937,385 | 795,252 | 146,815 | 354,574 | 389,356 |
| West N. Central | 236,975 | 266,281 | 239,431 | 2,361,541 | 5,414,232 | 3,660,025 | 608,481 | 1,437,337 | 1,642,124 |
| Minnesota | 41,775 | 57,585 | 52,184 | 295,016 | 925,963 | 612,428 | 77,866 | 254,475 | 267,027 |
| Iowa | 50,452 | 52,341 | 49,744 | 735,265 | 1,814,260 | 1,272,036 | 204,243 | 489,817 | 625,629 |
| Missouri | 64,028 | 68,784 | 59,494 | 389,476 | 752,008 | 493,793 | 112,565 | 216,463 | 220,265 |
| North Dakota | 19,187 | 22,623 | 15,597 | 213,643 | 380,133 | 200,549 | 47,842 | 108,285 | 82,411 |
| South Dakota | 11,313 | 14,039 | 13,511 | 154,749 | 411,837 | 234,807 | 32,771 | 89,875 | 100,306 |
| Nebraska | 19,778 | 23,986 | 23,631 | 286,309 | 705,561 | 512,906 | 62,373 | 168,508 | 216,256 |
| Kansas | 30,442 | 26,923 | 25,270 | 287,082 | 424,469 | 333,506 | 70,820 | 109,914 | 130,231 |
| South Atlantic | 86,522 | 103,039 | 113,567 | 270,317 | 652,812 | 670,906 | 73,597 | 192,669 | 249,235 |
| Delaware | 2,021 | 1,903 | 1,723 | 8,802 | 11,422 | 9,874 | 3,069 | 4,400 | 4,326 |
| Maryland | 10,754 | 10,407 | 10,118 | 44,399 | 75,082 | 69,717 | 15,674 | 27,481 | 29,575 |
| Dist. of Col | 20 | 24 | 16 | 233 | 238 | 222 | 56 | 93 | 77 |
| Virginia | 17,410 | 21,155 | 24,269 | 62,377 | 151,585 | 159,208 | 15,440 | 41,726 | 55,890 |
| West Virginia | 7,878 | 9,031 | 8,409 | 21,549 | 43,989 | 38,533 | 5,593 | 11,206 | 13,828 |
| North Carolina | 19,252 | 20,149 | 24,983 | 42,952 | 103,282 | 119,996 | 9,958 | 31,968 | 43,621 |
| South Carolina | 11,189 | 12,265 | 13,669 | 39,594 | 92,053 | 80,251 | 10,109 | 25,153 | 32,564 |
| Georgia | 13,839 | 20,797 | 22,024 | 37,526 | 124,579 | 122,228 | 10,988 | 37,671 | 51,076 |
| Florida | 4,159 | 7,308 | 8,356 | 12,884 | 50,581 | 70,877 | 2,710 | 12,910 | 18,279 |
| East S. Central | 85,282 | 109,619 | 103,782 | 203,125 | 570,595 | 482,813 | 59,770 | 176,102 | 202,449 |
| Kentucky | 25,846 | 35,531 | 29,782 | 81,315 | 230,557 | 150,923 | 23,411 | 67,116 | 65,403 |
| Tennessee | 17,362 | 27,496 | 25,770 | 47,232 | 159,001 | 131,288 | 12,626 | 49,836 | 53,890 |
| Alabama | 19,230 | 24,748 | 23,659 | 32,311 | 81,889 | 79,541 | 10,351 | 29,103 | 33,328 |
| Mississippi | 22,844 | 21,844 | 24,571 | 42,266 | 99,149 | 121,061 | 13,381 | 30,046 | 49,829 |
| West S. Central | 96,687 | 131,550 | 117,523 | 484,015 | 1,134,848 | 924,732 | 121,366 | 304,632 | 345,423 |
| Arkansas | 16,555 | 29,504 | 26,489 | 35,035 | 129,348 | 115,471 | 8,941 | 38,539 | 46,283 |
| Louisiana | 7,520 | 10,301 | 12,958 | 28,772 | 68,362 | 70,564 | 8,950 | 20,491 | 30,270 |
| Oklahoma | 24,588 | 34,045 | 27,366 | 122,327 | 272,616 | 184,013 | 27,385 | 73,434 | 73,079 |
| Texas | 48,024 | 57,700 | 50,710 | 297,881 | 664,523 | 554,735 | 76,089 | 172,167 | 195,790 |
| Mountain | 26,731 | 74,118 | 59,368 | 247,994 | 927,906 | 543,823 | 59,364 | 283,424 | 234,899 |
| Montana | 3,990 | 21,244 | 11,754 | 44,615 | 240,550 | 95,174 | 10,741 | 77,950 | 42,565 |
| Idaho | 7,594 | 17,142 | 12,997 | 64,376 | 223,649 | 121,917 | 14,557 | 69,868 | 54,912 |
| Wyoming | 1,531 | 3,937 | 3,653 | 16,675 | 55,610 | 33,654 | 4,208 | 15,303 | 14,865 |
| Colorado | 7,571 | 15,735 | 14,444 | 77,332 | 211,701 | 144,065 | 18,986 | 62,623 | 61,408 |
| New Mexico | 1,397 | 4,331 | 4,828 | 10,683 | 43,085 | 31,215 | 2,590 | 11,178 | 11,579 |
| Arizona | 813 | 2,876 | 2,628 | 8,695 | 50,453 | 36,330 | 2,253 | 15,648 | 13,321 |
| Utah | 3,526 | 8,086 | 7,996 | 21,320 | 84,578 | 59,172 | 4,564 | 24,335 | 26,164 |
| Nevada | 309 | 767 | 1,068 | 4,297 | 18,281 | 22,296 | 1,464 | 6,519 | 10,084 |
| Pacific | 44,419 | 71,196 | 87,156 | 457,119 | 1,132,848 | 1,248,296 | 106,847 | 337,184 | 435,493 |
| Washington | 12,715 | 19,503 | 23,412 | 113,395 | 202,018 | 199,425 | 25,645 | 61,121 | 74,212 |
| Oregon | 10,274 | 14,355 | 17,393 | 93,525 | 166,663 | 174,196 | 21,166 | 51,999 | 65,592 |
| California | 21,430 | 37,338 | 46,351 | 250,199 | 764,166 | 874,675 | 60,037 | 224,064 | 295,689 |

Source: Bureau of the Census, Department of Commerce.

## No. 601.—FARM EXPENDITURES FOR LABOR,

NOTE.—Data for 1930

| Division and State | Labor | | | | | | Fertilizer | |
|---|---|---|---|---|---|---|---|---|
| | Farms reporting | | | | Cash expended (thousands of dollars) | | Farms reporting | |
| | Number | | Per cent of all farms | | | | Number | |
| | 1919 | 1924 | 1919 | 1924 | 1919 | 1924 | 1919 | 1924 |
| United States | 2,888,999 | 2,536,721 | 44.8 | 39.8 | 1,098,713 | 864,982 | 2,271,179 | 2,184,056 |
| **New England** | 90,031 | 77,313 | 57.5 | 48.5 | 43,687 | 41,245 | 77,965 | 74,289 |
| Maine | 26,735 | 23,641 | 55.4 | 47.3 | 7,506 | 6,800 | 22,641 | 25,437 |
| New Hampshire | 11,365 | 9,292 | 55.4 | 44.1 | 3,665 | 3,015 | 8,799 | 6,983 |
| Vermont | 18,171 | 14,822 | 62.5 | 53.3 | 5,789 | 4,560 | 14,568 | 13,006 |
| Massachusetts | 18,322 | 15,788 | 57.3 | 47.2 | 13,929 | 14,375 | 16,992 | 15,146 |
| Rhode Island | 2,296 | 2,159 | 56.2 | 55.2 | 1,730 | 1,894 | 2,297 | 2,184 |
| Connecticut | 13,142 | 11,611 | 58.0 | 50.0 | 11,067 | 10,602 | 12,668 | 11,533 |
| **Middle Atlantic** | 260,960 | 214,879 | 61.4 | 51.3 | 95,198 | 80,797 | 280,583 | 250,649 |
| New York | 121,256 | 101,091 | 62.8 | 53.6 | 49,346 | 42,236 | 113,578 | 102,403 |
| New Jersey | 18,588 | 15,478 | 62.6 | 52.2 | 14,359 | 14,186 | 22,774 | 20,191 |
| Pennsylvania | 121,116 | 98,310 | 59.9 | 49.0 | 31,494 | 24,376 | 144,231 | 128,055 |
| **East North Central** | 582,622 | 472,301 | 53.7 | 44.9 | 182,314 | 126,504 | 360,314 | 315,639 |
| Ohio | 124,806 | 92,190 | 48.6 | 37.7 | 36,339 | 22,026 | 165,556 | 137,207 |
| Indiana | 93,207 | 66,430 | 45.4 | 33.9 | 25,609 | 14,648 | 98,703 | 76,950 |
| Illinois | 151,300 | 124,543 | 63.8 | 55.2 | 60,909 | 43,146 | 22,488 | 21,559 |
| Michigan | 102,431 | 85,213 | 52.1 | 44.3 | 24,876 | 19,847 | 65,782 | 61,874 |
| Wisconsin | 110,878 | 103,925 | 58.6 | 53.8 | 34,582 | 26,837 | 7,785 | 18,049 |
| **West North Central** | 672,998 | 608,112 | 61.4 | 54.7 | 263,703 | 186,964 | 60,913 | 44,007 |
| Minnesota | 111,697 | 104,924 | 62.6 | 55.7 | 36,451 | 27,463 | 3,031 | 4,989 |
| Iowa | 136,682 | 119,753 | 64.0 | 56.1 | 52,942 | 35,529 | 3,177 | 6,382 |
| Missouri | 125,248 | 94,715 | 47.6 | 36.4 | 33,037 | 18,632 | 47,383 | 27,924 |
| North Dakota | 51,109 | 62,050 | 65.8 | 81.7 | 27,786 | 33,503 | 488 | 341 |
| South Dakota | 49,658 | 49,540 | 66.5 | 62.3 | 24,122 | 15,492 | 175 | 309 |
| Nebraska | 80,696 | 74,950 | 64.9 | 58.7 | 34,604 | 22,560 | 476 | 815 |
| Kansas | 117,908 | 102,180 | 71.3 | 61.6 | 54,761 | 33,785 | 6,183 | 3,247 |
| **South Atlantic** | 376,580 | 306,598 | 32.5 | 27.7 | 88,226 | 73,336 | 933,634 | 842,966 |
| Delaware | 5,394 | 4,426 | 53.2 | 43.2 | 2,052 | 1,769 | 9,107 | 7,836 |
| Maryland | 29,123 | 24,665 | 60.8 | 50.3 | 12,915 | 9,833 | 39,270 | 35,595 |
| Dist. of Columbia | 112 | 78 | 54.9 | 56.1 | 140 | 322 | 116 | 89 |
| Virginia | 66,500 | 60,427 | 35.7 | 31.2 | 17,003 | 15,237 | 135,218 | 126,373 |
| West Virginia | 31,328 | 24,300 | 35.9 | 26.9 | 4,787 | 3,761 | 35,309 | 28,945 |
| North Carolina | 78,394 | 69,551 | 29.1 | 24.5 | 10,818 | 8,096 | 228,767 | 238,319 |
| South Carolina | 62,095 | 39,531 | 32.2 | 22.9 | 13,688 | 8,159 | 176,537 | 155,650 |
| Georgia | 83,444 | 60,345 | 26.9 | 24.2 | 16,705 | 11,926 | 280,385 | 212,214 |
| Florida | 20,190 | 23,275 | 37.4 | 39.3 | 10,118 | 14,232 | 28,925 | 37,945 |
| **East South Central** | 247,906 | 193,262 | 23.6 | 19.2 | 37,855 | 26,016 | 418,217 | 446,613 |
| Kentucky | 76,953 | 54,870 | 28.4 | 21.2 | 15,202 | 8,881 | 86,687 | 71,874 |
| Tennessee | 70,494 | 56,341 | 27.9 | 22.3 | 9,647 | 7,097 | 84,827 | 86,082 |
| Alabama | 57,308 | 52,892 | 22.4 | 22.3 | 6,589 | 5,503 | 175,407 | 184,079 |
| Mississippi | 43,151 | 29,159 | 15.9 | 11.3 | 6,327 | 4,535 | 71,296 | 104,578 |
| **West South Central** | 389,994 | 386,280 | 39.2 | 38.0 | 147,417 | 119,705 | 108,894 | 178,498 |
| Arkansas | 66,720 | 62,223 | 28.7 | 28.0 | 12,068 | 9,678 | 41,338 | 56,828 |
| Louisiana | 30,166 | 27,191 | 22.3 | 20.5 | 19,700 | 11,856 | 37,652 | 54,412 |
| Oklahoma | 102,674 | 94,978 | 53.5 | 48.2 | 35,333 | 26,238 | 2,445 | 2,235 |
| Texas | 190,434 | 201,888 | 43.7 | 43.4 | 80,315 | 71,933 | 27,459 | 65,021 |
| **Mountain** | 125,480 | 128,868 | 51.4 | 55.2 | 84,892 | 68,350 | 4,926 | 4,077 |
| Montana | 24,378 | 30,408 | 42.3 | 64.8 | 15,603 | 15,136 | 453 | 132 |
| Idaho | 24,789 | 22,811 | 58.9 | 56.2 | 14,734 | 9,294 | 575 | 633 |
| Wyoming | 6,961 | 7,012 | 44.2 | 45.2 | 6,717 | 5,733 | 55 | 45 |
| Colorado | 35,149 | 33,749 | 58.6 | 58.2 | 23,147 | 16,854 | 1,184 | 1,182 |
| New Mexico | 11,538 | 11,823 | 38.7 | 37.3 | 5,260 | 4,934 | 1,458 | 1,127 |
| Arizona | 5,639 | 5,820 | 56.5 | 53.9 | 7,664 | 7,287 | 126 | 252 |
| Utah | 15,033 | 14,917 | 58.6 | 57.4 | 7,472 | 5,145 | 1,017 | 684 |
| Nevada | 1,993 | 2,328 | 63.0 | 60.0 | 4,296 | 3,968 | 58 | 22 |
| **Pacific** | 142,428 | 149,108 | 60.8 | 56.1 | 155,420 | 142,064 | 25,733 | 27,320 |
| Washington | 38,055 | 36,155 | 57.4 | 49.3 | 28,330 | 21,727 | 3,645 | 4,891 |
| Oregon | 27,959 | 28,117 | 55.7 | 50.3 | 17,162 | 14,991 | 5,614 | 5,883 |
| California | 76,414 | 84,836 | 64.9 | 62.2 | 109,928 | 105,346 | 16,474 | 16,546 |

Source: Bureau of the Census, Department of Commerce.

**FERTILIZER, AND FEED: By States, 1919 and 1924**

are not yet available

| Fertilizer—Continued | | | | Feed | | | | | | Division and State |
|---|---|---|---|---|---|---|---|---|---|---|
| Farms reporting—Continued | | Cash expended (thousands of dollars) | | Farms reporting | | | | Cash expended (thousands of dollars) | | |
| Per cent of all farms | | | | Number | | Per cent of all farms | | | | |
| 1919 | 1924 | 1919 | 1924 | 1919 | 1924 | 1919 | 1924 | 1919 | 1924 | |
| 35.2 | 34.3 | 326,400 | 230,528 | 3,511,121 | 3,190,739 | 54.4 | 50.1 | 1,097,225 | 750,445 | **United States.** |
| 49.8 | 46.6 | 18,323 | 16,336 | 134,450 | 130,968 | 85.9 | 82.1 | 69.539 | 64,822 | **New England.** |
| 46.9 | 50.8 | 7,759 | 7,096 | 39,794 | 37,257 | 82.5 | 74.5 | 14,859 | 11,908 | Maine. |
| 42.9 | 33.1 | 526 | 441 | 18,015 | 17,228 | 87.8 | 81.8 | 8,726 | 7,467 | New Hampshire. |
| 50.1 | 46.8 | 857 | 794 | 25,389 | 23,287 | 87.3 | 83.8 | 11,071 | 10,034 | Vermont. |
| 53.1 | 45.3 | 3,907 | 3,336 | 27,853 | 28,853 | 87.0 | 86.2 | 20,273 | 19,775 | Massachusetts. |
| 56.3 | 55.8 | 380 | 301 | 3,608 | 3,633 | 88.4 | 92.9 | 2,889 | 3,046 | Rhode Island. |
| 55.9 | 49.6 | 4,894 | 4,369 | 19,791 | 20,710 | 87.4 | 89.1 | 11,721 | 12,590 | Connecticut. |
| 66.0 | 59.8 | 41,438 | 31,393 | 340,080 | 320,362 | 80.0 | 76.5 | 149,363 | 122,165 | **Middle Atlantic.** |
| 58.8 | 54.3 | 15,067 | 11,607 | 158,428 | 145,614 | 82.0 | 77.1 | 82,966 | 62,075 | New York. |
| 76.7 | 68.0 | 10,743 | 8,597 | 24,933 | 24,906 | 83.9 | 83.9 | 14,719 | 16,469 | New Jersey. |
| 71.3 | 63.9 | 15,628 | 11,189 | 156,719 | 149,842 | 77.5 | 74.8 | 51,678 | 43,621 | Pennsylvania. |
| 33.2 | 30.0 | 30,589 | 22,140 | 683,476 | 605,911 | 63.0 | 57.6 | 197,070 | 119,625 | **East North Central.** |
| 64.5 | 56.1 | 13,206 | 9,082 | 161,658 | 142,395 | 63.0 | 58.2 | 40,378 | 26,087 | Ohio. |
| 48.1 | 39.3 | 8,735 | 5,712 | 130,075 | 102,795 | 63.4 | 52.5 | 42,306 | 19,066 | Indiana. |
| 9.5 | 9.6 | 2,996 | 2,238 | 158,180 | 128,484 | 66.7 | 57.0 | 64,528 | 32,871 | Illinois. |
| 33.5 | 32.2 | 4,873 | 3,971 | 111,191 | 95,302 | 56.6 | 49.6 | 21,939 | 14,600 | Michigan. |
| 4.1 | 9.3 | 780 | 1,137 | 122,372 | 136,935 | 64.6 | 70.9 | 27,919 | 27,002 | Wisconsin. |
| 5.6 | 4.0 | 6,168 | 3,092 | 693,629 | 600,966 | 63.2 | 54.1 | 307,163 | 173,731 | **West North Central.** |
| 1.7 | 2.7 | 433 | 454 | 100,530 | 95,044 | 56.3 | 50.5 | 22,941 | 14,639 | Minnesota. |
| 1.5 | 3.0 | 597 | 538 | 147,605 | 134,282 | 69.2 | 62.9 | 79,069 | 49,281 | Iowa. |
| 18.0 | 10.7 | 3,941 | 1,498 | 164,639 | 144,742 | 62.6 | 55.6 | 60,172 | 33,841 | Missouri. |
| .6 | .4 | 120 | 76 | 41,967 | 26,260 | 54.0 | 34.6 | 12,155 | 3,845 | North Dakota. |
| .2 | .4 | 34 | 52 | 37,966 | 30,411 | 50.9 | 38.2 | 16,689 | 8,737 | South Dakota. |
| .4 | .6 | 65 | 133 | 83,374 | 71,092 | 67.0 | 55.7 | 58,624 | 34,309 | Nebraska. |
| 3.7 | 2.0 | 979 | 342 | 117,548 | 99,135 | 71.1 | 59.8 | 57,515 | 29,078 | Kansas. |
| 80.6 | 76.1 | 185,700 | 110,472 | 480,494 | 402,747 | 41.5 | 36.3 | 60,505 | 49,770 | **South Atlantic.** |
| 89.8 | 76.4 | 1,222 | 1,142 | 6,405 | 6,926 | 63.2 | 67.5 | 1,490 | 1,935 | Delaware. |
| 82.0 | 72.6 | 7,610 | 5,126 | 33,353 | 32,544 | 69.6 | 66.4 | 8,045 | 7,600 | Maryland. |
| 56.9 | 64.0 | 23 | 39 | 153 | 100 | 75.0 | 71.9 | 171 | 201 | Dist. of Columbia. |
| 72.6 | 65.2 | 17,278 | 13,083 | 97,297 | 91,338 | 52.2 | 47.1 | 12,400 | 10,367 | Virginia. |
| 40.5 | 32.0 | 1,710 | 1,049 | 47,183 | 51,466 | 54.1 | 56.9 | 5,640 | 5,962 | West Virginia. |
| 84.8 | 84.1 | 48,797 | 32,002 | 128,964 | 107,359 | 47.8 | 37.9 | 12,292 | 8,675 | North Carolina. |
| 91.6 | 90.1 | 52,547 | 24,306 | 60,088 | 26,741 | 31.2 | 15.5 | 5,904 | 2,322 | South Carolina. |
| 90.2 | 85.2 | 46,196 | 21,100 | 86,580 | 62,682 | 27.9 | 25.2 | 9,539 | 6,305 | Georgia. |
| 53.6 | 64.1 | 10,317 | 12,625 | 20,471 | 23,591 | 37.9 | 39.8 | 5,025 | 6,403 | Florida. |
| 39.8 | 44.4 | 25,477 | 25,891 | 369,149 | 368,694 | 35.1 | 36.6 | 43,364 | 35,583 | **East South Central.** |
| 32.0 | 27.8 | 3,597 | 2,279 | 119,689 | 94,052 | 44.2 | 36.4 | 16,017 | 9,163 | Kentucky. |
| 33.6 | 34.1 | 3,525 | 2,786 | 100,074 | 92,139 | 39.6 | 36.5 | 11,165 | 8,701 | Tennessee. |
| 68.5 | 77.5 | 14,066 | 14,564 | 71,668 | 86,606 | 28.0 | 36.4 | 5,921 | 7,063 | Alabama. |
| 26.2 | 40.7 | 4,288 | 6,262 | 77,718 | 95,897 | 28.6 | 37.3 | 10,261 | 10,656 | Mississippi. |
| 10.9 | 17.5 | 8,697 | 11,461 | 505,490 | 486,710 | 50.7 | 47.8 | 121,092 | 72,778 | **West South Central.** |
| 17.8 | 25.6 | 2,573 | 2,995 | 118,998 | 111,809 | 51.2 | 50.4 | 17,725 | 12,379 | Arkansas. |
| 27.8 | 41.1 | 3,840 | 4,140 | 56,423 | 66,910 | 41.7 | 50.5 | 12,232 | 10,121 | Louisiana. |
| 1.3 | 1.1 | 452 | 203 | 114,488 | 106,105 | 59.6 | 53.8 | 30,372 | 15,618 | Oklahoma. |
| 6.3 | 14.0 | 1,831 | 4,124 | 215,581 | 201,886 | 49.4 | 43.4 | 60,762 | 34,661 | Texas. |
| 2.0 | 1.7 | 809 | 378 | 141,139 | 107,395 | 57.8 | 46.0 | 68,636 | 31,638 | **Mountain.** |
| .8 | .3 | 126 | 6 | 37,901 | 16,406 | 65.7 | 35.0 | 19,791 | 3,578 | Montana. |
| 1.4 | 1.6 | 106 | 59 | 24,062 | 19,360 | 57.1 | 47.7 | 10,709 | 5,494 | Idaho. |
| .3 | .3 | 8 | 7 | 8,823 | 7,050 | 56.0 | 45.4 | 6,910 | 2,587 | Wyoming. |
| 2.0 | 2.0 | 294 | 127 | 36,092 | 29,598 | 60.2 | 51.0 | 18,431 | 10,371 | Colorado. |
| 4.9 | 3.6 | 113 | 88 | 14,586 | 15,349 | 48.9 | 48.4 | 5,371 | 3,347 | New Mexico. |
| 1.3 | 2.3 | 41 | 46 | 4,906 | 6,139 | 49.2 | 56.8 | 2,060 | 2,413 | Arizona. |
| 4.0 | 2.6 | 109 | 42 | 13,082 | 11,313 | 51.0 | 43.5 | 3,941 | 2,502 | Utah. |
| 1.8 | .6 | 10 | 2 | 1,687 | 2,180 | 53.3 | 56.1 | 1,423 | 1,346 | Nevada. |
| 11.0 | 10.3 | 9,198 | 9,365 | 163,214 | 166,986 | 69.7 | 62.9 | 80,493 | 80,333 | **Pacific.** |
| 5.5 | 6.7 | 526 | 535 | 51,038 | 51,230 | 77.0 | 69.9 | 20,722 | 17,161 | Washington. |
| 11.2 | 10.5 | 490 | 458 | 34,404 | 35,381 | 68.5 | 63.3 | 13,390 | 10,156 | Oregon. |
| 14.0 | 12.1 | 8,183 | 8,371 | 77,772 | 80,375 | 66.1 | 58.9 | 46,381 | 53,016 | California. |

## No. 602.—NUMBER OF FARMS: BY KIND OF ROAD ON WHICH LOCATED AND DISTANCE FROM NEAREST MARKET TOWN

NOTE.—Data for 1930 are not yet available

| Item | United States | New England | Middle Atlantic | East North Central | West North Central |
|---|---|---|---|---|---|
| **Total number of farms** | 6,371,640 | 159,489 | 418,868 | 1,051,572 | 1,111,314 |
| **Kind of road located on:** | | | | | |
| Concrete or brick | 156,434 | 2,066 | 26,048 | 52,298 | 8,735 |
| Macadam | 316,527 | 19,074 | 66,883 | 101,231 | 6,420 |
| Gravel | 946,057 | 38,936 | 33,832 | 339,076 | 115,906 |
| Improved dirt | 1,998,704 | 35,656 | 63,270 | 188,522 | 495,410 |
| Unimproved dirt | 2,747,732 | 60,808 | 208,958 | 337,794 | 450,338 |
| All other (including not reported) | 206,186 | 2,949 | 19,877 | 32,651 | 34,505 |
| **Distance from nearest market town:** | | | | | |
| Farms reporting | 6,279,368 | 157,877 | 408,754 | 1,036,655 | 1,094,313 |
| Under 2 miles | 802,785 | 26,044 | 60,893 | 170,599 | 154,633 |
| 2 to 3.9 miles | 1,463,173 | 40,700 | 107,896 | 325,945 | 289,257 |
| 4 to 5.9 miles | 1,261,574 | 30,756 | 80,765 | 250,937 | 262,173 |
| 6 to 7.9 miles | 902,098 | 21,406 | 52,966 | 138,091 | 167,751 |
| 8 to 9.9 miles | 563,244 | 13,161 | 30,985 | 65,247 | 90,410 |
| 10 to 14.9 miles | 736,034 | 16,596 | 43,540 | 58,777 | 86,522 |
| 15 miles and over | 550,460 | 9,214 | 31,709 | 27,059 | 43,567 |
| Farms not reporting | 92,272 | 1,612 | 10,114 | 14,917 | 17,001 |

| Item | South Atlantic | East South Central | West South Central | Mountain | Pacific |
|---|---|---|---|---|---|
| **Total number of farms** | 1,108,061 | 1,006,052 | 1,017,305 | 233,392 | 265,587 |
| **Kind of road located on:** | | | | | |
| Concrete or brick | 24,644 | 6,495 | 7,548 | 4,833 | 23,767 |
| Macadam | 30,672 | 64,227 | 7,753 | 831 | 19,436 |
| Gravel | 42,703 | 152,580 | 112,573 | 30,954 | 79,497 |
| Improved dirt | 385,994 | 281,337 | 410,785 | 82,777 | 54,953 |
| Unimproved dirt | 589,343 | 472,522 | 452,117 | 102,245 | 73,607 |
| All other (including not reported) | 34,705 | 28,891 | 26,529 | 11,752 | 14,327 |
| **Distance from nearest market town:** | | | | | |
| Farms reporting | 1,093,177 | 991,780 | 1,006,320 | 229,543 | 260,949 |
| Under 2 miles | 106,063 | 97,324 | 109,278 | 28,595 | 49,356 |
| 2 to 3.9 miles | 208,330 | 181,479 | 202,324 | 39,694 | 67,548 |
| 4 to 5.9 miles | 196,270 | 168,921 | 196,898 | 30,955 | 43,899 |
| 6 to 7.9 miles | 165,121 | 144,501 | 159,907 | 23,516 | 28,839 |
| 8 to 9.9 miles | 115,448 | 107,158 | 105,646 | 16,723 | 18,466 |
| 10 to 14.9 miles | 162,833 | 171,910 | 142,757 | 28,049 | 25,050 |
| 15 miles and over | 139,112 | 120,487 | 89,510 | 62,011 | 27,791 |
| Farms not reporting | 14,884 | 14,272 | 10,985 | 3,849 | 4,638 |

Source: Bureau of the Census, Department of Commerce.

## No. 603.—AVERAGE PREVAILING FARM WAGE RATE AND INDEX NUMBERS OF FARM WAGES

NOTE.—To 1923, yearly averages are from reports by crop reporters, giving average wages for the year in their locality; thereafter, wage rates per month are straight averages of quarterly rates April, July, October of the current year and January of the following year

| Year | Average yearly farm wage per month— | | Weighted average wage rate per month | Index numbers of farm wages (1910–1914=100) | Year | Average yearly farm wage per month— | | Weighted average wage rate per month | Index numbers of farm wages (1910–1914=100) |
|---|---|---|---|---|---|---|---|---|---|
| | With board | Without board | | | | With board | Without board | | |
| 1866 | $10.09 | $15.50 | $13.14 | 55 | 1912 | $20.46 | $29.14 | $24.01 | 101 |
| 1874 or 1875 | 11.16 | 17.10 | 14.19 | 59 | 1913 | 21.27 | 30.21 | 24.83 | 104 |
| 1879 or 1880 | 11.70 | 17.53 | 14.14 | 59 | 1914 | 20.90 | 29.72 | 24.26 | 101 |
| 1880 or 1881 | 12.32 | 18.52 | 14.82 | 62 | 1915 | 21.08 | 29.97 | 24.46 | 102 |
| 1881 or 1882 | 12.88 | 19.11 | 15.48 | 65 | 1916 | 23.04 | 32.58 | 26.83 | 112 |
| 1884 or 1885 | 13.08 | 19.22 | 15.58 | 65 | 1917 | 28.64 | 40.19 | 33.42 | 140 |
| 1887 or 1888 | 13.29 | 19.67 | 15.87 | 66 | 1918 | 35.12 | 49.13 | 42.12 | 176 |
| 1889 or 1890 | 13.29 | 19.45 | 15.79 | 66 | 1919 | 40.14 | 56.77 | 49.11 | 206 |
| 1891 or 1892 | 13.48 | 20.02 | 16.06 | 67 | 1920 | 47.24 | 65.05 | 57.01 | 239 |
| 1893 | 13.85 | 19.97 | 15.93 | 67 | 1921 | 30.25 | 43.58 | 35.77 | 150 |
| 1894 | 12.70 | 18.57 | 14.60 | 61 | 1922 | 29.31 | 42.09 | 34.91 | 146 |
| 1895 | 12.75 | 18.74 | 14.69 | 62 | 1923 | 33.09 | 46.74 | 39.64 | 166 |
| 1898 | 13.29 | 19.16 | 15.58 | 65 | 1924 | 33.34 | 47.22 | 39.67 | 166 |
| 1899 | 13.90 | 19.97 | 16.34 | 68 | 1925 | 33.88 | 47.80 | 40.12 | 168 |
| 1902 | 15.51 | 22.12 | 18.12 | 76 | 1926 | 34.86 | 48.86 | 40.88 | 171 |
| 1906 | 18.73 | 26.19 | 21.92 | 92 | 1927 | 34.58 | 48.63 | 40.60 | 170 |
| 1909 | 20.48 | 28.09 | 23.00 | 96 | 1928 | 34.66 | 48.65 | 40.44 | 169 |
| 1910 | 19.58 | 28.04 | 23.08 | 97 | 1929 | 34.74 | 49.08 | 40.52 | 170 |
| 1911 | 19.85 | 28.33 | 23.25 | 97 | 1930 | 31.14 | 44.59 | 36.24 | 152 |

| Basis of rate and division | 1929 | | | | 1930 | | | | 1931 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Jan. 1 | Apr. 1 | July 1 | Oct. 1 | Jan. 1 | Apr. 1 | July 1 | Oct. 1 | Jan. 1 | Apr. 1 |
| PER MONTH, WITH BOARD | | | | | | | | | | |
| **United States** | **$33.04** | **$34.68** | **$36.08** | **$35.90** | **$32.29** | **$33.83** | **$33.47** | **$31.23** | **$26.03** | **$25.99** |
| North Atlantic States | 43.48 | 46.12 | 48.35 | 47.72 | 44.57 | 45.05 | 45.43 | 42.89 | 36.59 | 36.22 |
| North Central States | 37.49 | 41.81 | 43.40 | 42.79 | 36.24 | 40.21 | 39.42 | 36.98 | 28.56 | 31.28 |
| South Atlantic States | 24.47 | 24.20 | 24.98 | 25.52 | 23.28 | 23.30 | 23.05 | 21.75 | 19.53 | 17.50 |
| South Central States | 25.26 | 25.00 | 26.39 | 25.86 | 24.75 | 24.71 | 24.48 | 21.96 | 19.34 | 17.88 |
| Western States | 51.54 | 53.94 | 55.28 | 56.54 | 50.66 | 53.99 | 53.52 | 51.23 | 42.65 | 43.07 |
| PER MONTH, WITHOUT BOARD | | | | | | | | | | |
| **United States** | **47.24** | **49.00** | **50.53** | **50.00** | **46.80** | **47.81** | **47.24** | **44.28** | **39.04** | **38.37** |
| North Atlantic States | 66.22 | 68.74 | 70.97 | 69.90 | 67.46 | 67.23 | 67.62 | 64.65 | 58.65 | 56.86 |
| North Central States | 51.74 | 56.44 | 58.18 | 57.41 | 51.20 | 54.34 | 53.01 | 50.14 | 42.29 | 43.96 |
| South Atlantic States | 35.18 | 35.10 | 35.77 | 36.02 | 34.12 | 33.88 | 33.28 | 31.65 | 28.93 | 26.44 |
| South Central States | 36.23 | 35.95 | 37.44 | 36.70 | 35.53 | 35.30 | 35.27 | 31.23 | 28.69 | 26.64 |
| Western States | 74.72 | 76.99 | 79.11 | 78.93 | 75.10 | 77.27 | 76.36 | 73.97 | 63.73 | 65.02 |
| PER DAY, WITH BOARD | | | | | | | | | | |
| **United States** | **1.78** | **1.79** | **1.89** | **1.92** | **1.73** | **1.72** | **1.72** | **1.61** | **1.38** | **1.33** |
| North Atlantic States | 2.56 | 2.60 | 2.79 | 2.83 | 2.55 | 2.55 | 2.59 | 2.50 | 2.19 | 2.11 |
| North Central States | 2.17 | 2.21 | 2.36 | 2.43 | 2.08 | 2.11 | 2.09 | 1.97 | 1.62 | 1.61 |
| South Atlantic States | 1.29 | 1.28 | 1.31 | 1.32 | 1.24 | 1.20 | 1.20 | 1.10 | 1.00 | .90 |
| South Central States | 1.28 | 1.26 | 1.34 | 1.32 | 1.23 | 1.22 | 1.21 | 1.07 | .95 | .89 |
| Western States | 2.44 | 2.42 | 2.51 | 2.57 | 2.38 | 2.39 | 2.42 | 2.36 | 1.98 | 1.96 |
| PER DAY, WITHOUT BOARD | | | | | | | | | | |
| **United States** | **2.34** | **2.34** | **2.43** | **2.46** | **2.27** | **2.27** | **2.23** | **2.12** | **1.87** | **1.80** |
| North Atlantic States | 3.42 | 3.44 | 3.57 | 3.63 | 3.31 | 3.38 | 3.34 | 3.27 | 2.99 | 2.86 |
| North Central States | 2.83 | 2.88 | 3.02 | 3.07 | 2.74 | 2.78 | 2.71 | 2.60 | 2.21 | 2.19 |
| South Atlantic States | 1.69 | 1.66 | 1.70 | 1.71 | 1.62 | 1.57 | 1.55 | 1.46 | 1.37 | 1.23 |
| South Central States | 1.68 | 1.65 | 1.71 | 1.72 | 1.63 | 1.60 | 1.55 | 1.40 | 1.25 | 1.16 |
| Western States | 3.24 | 3.21 | 3.32 | 3.39 | 3.19 | 3.22 | 3.25 | 3.14 | 2.75 | 2.73 |

Source: Bureau of Agricultural Economics, Department of Agriculture.

## No. 604.—FERTILIZER: ESTIMATED SALES IN THE UNITED STATES

NOTE.—Data are based on fertilizer tag sales for Southern States and on sales records, etc., for others. Where actual sales records are not available, estimates made by State authorities or the office of the National Fertilizer Association and based largely on records are shown as indicated by footnotes. Estimates in a number of cases have been revised and differ from those previously published

[In tons of 2,000 pounds]

| Division and State | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 |
|---|---|---|---|---|---|---|---|---|
| United States | 6,442,314 | 6,824,911 | 7,333,166 | 7,328,268 | 6,843,199 | 7,985,019 | 7,974,712 | 8,109,636 |
| **New England** | 345,709 | 355,768 | 360,656 | 316,700 | 363,147 | 365,119 | 359,046 | 374,540 |
| Maine | [1] 168,000 | [1] 182,000 | [1] 185,000 | 147,000 | 183,750 | [2] 178,750 | 185,650 | 195,650 |
| New Hampshire [1,3] | 17,000 | 16,000 | 16,000 | 14,680 | 16,875 | 16,900 | 16,900 | 17,000 |
| Vermont | [1] 18,000 | [1] 17,000 | [1] 18,000 | [1] 18,000 | 15,663 | 16,911 | 14,905 | 16,069 |
| Massachusetts [3] | 63,709 | 61,968 | 62,656 | 58,920 | 71,734 | 70,458 | 62,491 | 66,621 |
| Rhode Island [2,4] | 9,000 | 8,800 | 9,000 | 8,100 | 10,125 | 10,100 | 10,100 | 10,200 |
| Connecticut [1] | 70,000 | 70,000 | 70,000 | 70,000 | 65,000 | 72,000 | 69,000 | [5] 69,000 |
| **Middle Atlantic** | 716,239 | 722,512 | 728,148 | 698,045 | 728,149 | 743,558 | 724,377 | 738,445 |
| New York | [2] 250,000 | [2] 250,000 | 253,000 | 234,000 | 260,000 | [2] 260,000 | [2] 250,000 | [5] 250,000 |
| New Jersey [6] | 157,497 | 152,827 | 146,686 | 135,141 | 141,635 | 143,574 | 141,981 | 156,445 |
| Pennsylvania | 308,742 | 319,685 | 328,462 | 328,904 | 326,514 | [2] 339,984 | 332,396 | [5] 332,000 |
| **East North Central** | 617,065 | 640,806 | 694,517 | 679,001 | 718,948 | 755,711 | 820,402 | 773,274 |
| Ohio | 303,120 | 321,287 | 321,960 | 304,480 | 312,703 | 320,866 | 338,662 | 327,179 |
| Indiana [3] | 198,581 | 192,417 | 226,148 | 228,280 | 240,498 | 221,082 | 250,201 | 224,055 |
| Illinois | 16,719 | 17,527 | 24,582 | 25,227 | [2] 26,000 | 30,509 | 38,056 | 40,818 |
| Michigan | 83,645 | 94,575 | 109,327 | 105,014 | 117,227 | [2] 150,213 | [2] 152,812 | [5] 130,000 |
| Wisconsin | 15,000 | 15,000 | 12,500 | 16,000 | 22,520 | 33,041 | 40,671 | 51,222 |
| **West North Central** | 67,997 | 64,971 | 83,952 | 82,874 | 83,574 | 99,565 | 100,359 | 109,060 |
| Minnesota | [2] 7,000 | [2] 8,000 | [2] 9,000 | 11,316 | 11,387 | [2] 14,211 | 13,024 | [1] 15,500 |
| Iowa | [2] 4,000 | [2] 4,500 | [1] 6,000 | [7] 6,021 | [7] 7,181 | [1] 10,000 | [1] 17,000 | 24,597 |
| Missouri [3] | 51,597 | 47,121 | 63,939 | 56,891 | 56,100 | 64,922 | 58,892 | 59,810 |
| North Dakota | [2] 150 | [2] 200 | [2] 225 | 250 | 398 | [2] 450 | [1] 550 | [1] 1,548 |
| South Dakota [2] | 150 | 150 | 150 | 150 | 200 | 220 | 250 | 250 |
| Nebraska [2] | 500 | 500 | 500 | 500 | 500 | 600 | 700 | 1,000 |
| Kansas | [2] 4,600 | [2] 4,500 | [1] 4,138 | 7,746 | [2] 7,800 | 9,162 | [8] 9,943 | [8] 6,355 |
| **South Atlantic** | 3,488,819 | 3,741,099 | 3,927,484 | 3,921,678 | 3,686,528 | 4,191,219 | 4,035,805 | 4,126,395 |
| Delaware | 36,931 | 36,224 | 41,006 | 43,084 | 41,126 | 40,817 | 41,000 | 43,000 |
| Maryland | 155,168 | 151,211 | 165,474 | 163,285 | 165,174 | 173,159 | 165,443 | 177,021 |
| Virginia [3] | 422,350 | 441,895 | 451,656 | 435,223 | 408,008 | 437,709 | 429,886 | 449,178 |
| West Virginia [2] | 40,000 | 40,000 | 41,000 | 43,000 | 43,500 | 49,700 | 49,700 | 50,000 |
| North Carolina [3] | 1,066,553 | 1,183,053 | 1,217,822 | 1,218,176 | 1,171,499 | 1,349,360 | 1,293,572 | 1,242,036 |
| South Carolina [3] | 693,386 | 844,440 | 873,255 | 840,128 | 726,736 | 788,293 | 760,069 | 749,230 |
| Georgia [3] | 675,867 | 678,959 | 778,808 | 780,302 | 713,047 | 883,274 | 868,911 | 928,606 |
| Florida [3] | 398,564 | 365,317 | 358,463 | 398,480 | 417,438 | 468,907 | 427,224 | 487,324 |
| **East South Central** | 852,659 | 863,192 | 1,091,317 | 1,141,275 | 880,123 | 1,255,676 | 1,239,001 | 1,325,327 |
| Kentucky | 90,000 | 85,000 | 93,000 | 91,500 | 70,500 | 90,500 | 93,000 | 114,000 |
| Tennessee [3] | 106,361 | 115,230 | 142,174 | 156,336 | 112,473 | 150,726 | 142,745 | 163,909 |
| Alabama [3] | 447,913 | 456,840 | 598,115 | 615,364 | 478,400 | 681,100 | 675,450 | 643,700 |
| Mississippi [3] | 208,385 | 206,122 | 258,028 | 278,075 | 218,750 | 333,350 | 327,806 | 403,718 |
| **West South Central** | 266,627 | 353,209 | 340,179 | 371,090 | 253,137 | 422,930 | 532,415 | 485,039 |
| Arkansas [3] | 79,616 | 96,750 | 123,387 | 126,175 | 75,487 | 126,391 | 156,582 | 157,648 |
| Louisiana [3] | 104,624 | 124,668 | 110,784 | 114,347 | 92,866 | 143,693 | 174,278 | 175,560 |
| Oklahoma | [2,3] 3,600 | [2,3] 4,000 | [1,3] 5,000 | [1,3] 5,418 | [1,3] 4,263 | [3] 8,203 | [3] 9,422 | [3] 6,613 |
| Texas [3] | 78,787 | 127,791 | 101,008 | 125,150 | 80,521 | 144,643 | 192,133 | 145,218 |
| **Mountain** | 2,380 | 2,580 | 2,980 | 3,553 | 3,833 | 4,558 | 5,330 | 7,067 |
| Montana | ---------- | ---------- | ---------- | [2] 50 | [1] 90 | [2] 100 | [2] 100 | [2] 100 |
| Idaho [3] | [1] 400 | [1] 400 | [1] 400 | [1] 420 | [2] 450 | [2] 500 | [2] 550 | [2] 1,250 |
| Wyoming [2] | ---------- | ---------- | 100 | 150 | 200 | 300 | 600 | 650 |
| Colorado | [2] 250 | [2] 250 | [2] 250 | 337 | 607 | [1] 728 | [1] 800 | [1] 900 |
| New Mexico | 800 | [2] 1,000 | [2] 1,200 | 1,556 | 1,256 | [2] 1,400 | [2] 1,500 | [2] 1,787 |
| Arizona | [2] 500 | [2] 500 | [2] 500 | [2] 500 | [1] 700 | [1] 1,000 | [1] 1,200 | [1] 1,800 |
| Utah | [2] 400 | [2] 400 | [1] 500 | [1] 500 | [2] 500 | [2] 500 | [2] 550 | [2] 550 |
| Nevada [2] | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| **Pacific** | 84,819 | 80,774 | 103,933 | 114,052 | 125,768 | 146,683 | 157,977 | 170,489 |
| Washington | [2] 15,000 | [2] 7,000 | [2] 10,000 | 12,207 | 14,244 | [2] 15,500 | [2] 17,500 | [2] 17,500 |
| Oregon | [2] 8,000 | [2] 7,500 | [1] 8,000 | [2] 8,000 | [2] 9,000 | [1] 10,000 | [1] 10,000 | [1] 10,500 |
| California | 71,819 | 66,274 | 85,933 | 93,845 | 102,524 | 121,183 | 130,477 | 142,489 |

[1] Estimated by State authorities.
[2] Estimated.
[3] Year ended June 30.
[4] Year ended Mar. 31.
[5] Preliminary.
[6] Year ended Oct. 31.
[7] Totals of four companies plus estimates for others.
[8] Based on tag sales.

Source: The National Fertilizer Association.

## No. 605.—COOPERATIVE MARKETING AND PURCHASING THROUGH FARMERS' ORGANIZATIONS: By Divisions, 1919 and 1924

Note.—For total number of all farms (base for percentages) see Table 582. The 1930 census data are not yet available

| Division | Number of farms reporting sales | | | Number of farms reporting purchases | | | Value of farm products sold | | Value of supplies purchased | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1919 | 1924 | Per cent of all farms, 1924 | 1919 | 1924 | Per cent of all farms, 1924 | 1919 | 1924 | 1919 | 1924 |
| | | | | | | | Thousands of dollars | | | |
| United States | 511,383 | 884,207 | 13.9 | 329,449 | 362,745 | 5.7 | 721,984 | 858,284 | 84,616 | 75,971 |
| New England | 4,060 | 10,845 | 6.8 | 7,579 | 10,787 | 6.8 | 5,917 | 20,745 | 3,036 | 5,709 |
| Middle Atlantic | 33,854 | 39,295 | 9.4 | 17,884 | 24,716 | 5.9 | 61,224 | 50,274 | 6,194 | 7,377 |
| East North Central | 144,339 | 205,409 | 19.5 | 83,518 | 103,199 | 9.8 | 132,639 | 145,068 | 14,306 | 15,688 |
| West North Central | 243,288 | 303,190 | 27.3 | 166,084 | 140,588 | 12.7 | 300,821 | 292,354 | 43,116 | 25,740 |
| South Atlantic | 9,517 | 90,879 | 8.2 | 12,230 | 20,830 | 1.9 | 20,640 | 73,377 | 2,608 | 4,968 |
| East South Central | 12,705 | 91,073 | 9.1 | 5,285 | 21,293 | 2.1 | 5,271 | 49,827 | 763 | 2,692 |
| West South Central | 15,635 | 67,715 | 6.7 | 9,332 | 17,720 | 1.7 | 26,934 | 75,724 | 2,803 | 2,703 |
| Mountain | 12,785 | 24,581 | 10.5 | 13,875 | 8,000 | 3.4 | 17,443 | 35,043 | 3,769 | 1,710 |
| Pacific | 35,200 | 51,220 | 19.3 | 13,662 | 15,612 | 5.9 | 151,094 | 115,871 | 8,021 | 9,385 |

Source: Bureau of the Census, Department of Commerce.

## No. 606.—COOPERATIVE MARKETING AND PURCHASING THROUGH FARMERS' ORGANIZATIONS: By States, 1924

Note.—The 1930 census data are not yet available

| State | Number of farms reporting— | | Value (thousands of dollars) of— | |
|---|---|---|---|---|
| | Sales | Purchases | Farm products sold | Supplies purchased |
| **New England:** | | | | |
| Maine | 2,555 | 1,896 | 3,823 | 626 |
| New Hampshire | 428 | 1,701 | 375 | 911 |
| Vermont | 2,745 | 3,186 | 3,877 | 1,485 |
| Massachusetts | 2,091 | 2,278 | 4,145 | 1,462 |
| Rhode Island | 235 | 213 | 571 | 123 |
| Connecticut | 2,791 | 1,513 | 7,955 | 1,102 |
| **Middle Atlantic:** | | | | |
| New York | 26,586 | 12,509 | 37,945 | 3,927 |
| New Jersey | 1,401 | 1,606 | 2,309 | 957 |
| Pennsylvania | 11,308 | 10,601 | 10,020 | 2,492 |
| **East North Central:** | | | | |
| Ohio | 39,995 | 24,711 | 27,991 | 3,590 |
| Indiana | 28,550 | 14,558 | 17,213 | 1,774 |
| Illinois | 52,606 | 17,471 | 52,828 | 2,979 |
| Michigan | 38,730 | 25,124 | 19,552 | 3,607 |
| Wisconsin | 45,528 | 21,335 | 27,484 | 3,738 |
| **West North Central:** | | | | |
| Minnesota | 79,891 | 26,066 | 73,261 | 3,844 |
| Iowa | 72,639 | 34,034 | 81,291 | 6,581 |
| Missouri | 60,860 | 33,343 | 32,575 | 4,588 |
| North Dakota | 12,913 | 5,527 | 17,032 | 1,363 |
| South Dakota | 17,769 | 8,835 | 18,651 | 1,451 |
| Nebraska | 28,139 | 15,461 | 32,741 | 3,715 |
| Kansas | 30,979 | 17,322 | 36,805 | 4,199 |
| **South Atlantic:** | | | | |
| Delaware | 193 | 415 | 122 | 136 |
| Maryland | 6,121 | 3,817 | 7,298 | 910 |
| Virginia | 27,560 | 5,768 | 20,912 | 1,256 |
| **South Atlantic—Con.** | | | | |
| West Virginia | 3,106 | 2,769 | 919 | 320 |
| North Carolina | 22,167 | 2,791 | 13,018 | 450 |
| South Carolina | 10,601 | 819 | 8,922 | 335 |
| Georgia | 13,376 | 2,388 | 9,082 | 304 |
| Florida | 7,755 | 2,063 | 13,104 | 1,257 |
| **East South Central:** | | | | |
| Kentucky | 53,704 | 3,308 | 27,515 | 504 |
| Tennessee | 15,303 | 4,490 | 7,182 | 446 |
| Alabama | 11,365 | 7,640 | 7,029 | 1,021 |
| Mississippi | 10,701 | 5,855 | 8,102 | 721 |
| **West South Central:** | | | | |
| Arkansas | 8,861 | 3,910 | 7,119 | 459 |
| Louisiana | 10,114 | 4,393 | 8,604 | 782 |
| Oklahoma | 19,049 | 4,878 | 20,854 | 667 |
| Texas | 29,691 | 4,539 | 39,147 | 794 |
| **Mountain:** | | | | |
| Montana | 2,899 | 708 | 3,081 | 135 |
| Idaho | 3,272 | 1,040 | 2,712 | 144 |
| Wyoming | 1,231 | 512 | 1,009 | 226 |
| Colorado | 10,828 | 3,703 | 21,090 | 883 |
| New Mexico | 2,014 | 829 | 3,254 | 139 |
| Arizona | 523 | 222 | 1,514 | 65 |
| Utah | 3,775 | 974 | 2,368 | 116 |
| Nevada | 39 | 12 | 16 | 2 |
| **Pacific:** | | | | |
| Washington | 13,205 | 6,500 | 20,564 | 3,470 |
| Oregon | 5,590 | 2,858 | 8,062 | 1,160 |
| California | 32,425 | 6,254 | 87,245 | 4,755 |

Source: Bureau of the Census, Department of Commerce.

**No. 607.—FARMERS' BUSINESS ASSOCIATIONS:** NUMBER OF ASSOCIATIONS LISTED AND ESTIMATED MEMBERSHIP AND BUSINESS, BY STATES AND COMMODITY GROUPS

NOTE.—**Business in thousands of dollars.** Estimates are based on reports received from association officers. Membership includes shareholders, contract members, shippers, consignors, and patrons. Business includes the f. o. b. value at shipping point of farm products sold by the associations, the sales value of farm supplies sold to members, and the revenue derived by associations rendering services such as ginning cotton, warehousing tobacco, storing wheat, etc.

| Division and State | Associations | | | Estimated membership | | | Estimated business | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1915 | 1925 | 1930 | 1915 | 1925 | 1930 | 1915 | 1924–25 | 1929–30 |
| *United States* | 5,424 | 10,803 | 12,000 | 651,186 | 2,700,000 | 3,100,000 | 635,839 | 2,400,000 | 2,500,000 |
| **New England** | 157 | 259 | 197 | 21,054 | 75,000 | 88,000 | 6,974 | 85,170 | 92,810 |
| Maine | 71 | 82 | 51 | 8,071 | 14,400 | 9,700 | 2,691 | 12,460 | 4,280 |
| New Hampshire | 8 | 14 | 15 | 1,912 | 2,600 | 3,800 | 140 | 3,230 | 3,120 |
| Vermont | 23 | 61 | 51 | 1,052 | 8,200 | 11,100 | 1,267 | 11,040 | 13,530 |
| Massachusetts | 31 | 48 | 38 | 6,657 | 39,200 | 55,800 | 1,892 | 39,130 | 56,520 |
| Rhode Island | 4 | 7 | 7 | 822 | 400 | 600 | 169 | 1,300 | 960 |
| Connecticut | 20 | 47 | 35 | 2,540 | 10,200 | 7,000 | 815 | 18,010 | 14,400 |
| **Middle Atlantic** | 210 | 522 | 430 | 63,971 | 160,000 | 207,900 | 56,096 | 153,080 | 233,540 |
| New York | 124 | 286 | 223 | 10,526 | 100,000 | 122,500 | 51,745 | 103,760 | 171,600 |
| New Jersey | 20 | 20 | 32 | 7,339 | 6,000 | 9,400 | 393 | 5,930 | 5,240 |
| Pennsylvania | 66 | 216 | 175 | 46,106 | 54,000 | 76,000 | 3,958 | 43,390 | 56,700 |
| **East North Central** | 973 | 3,075 | 3,456 | 107,331 | 575,000 | 811,500 | 90,114 | 558,270 | 589,230 |
| Ohio | 97 | 395 | 386 | 14,370 | 115,300 | 172,400 | 5,721 | 107,340 | 101,050 |
| Indiana | 84 | 330 | 337 | 5,342 | 80,300 | 110,600 | 3,342 | 60,440 | 49,990 |
| Illinois | 263 | 822 | 970 | 31,077 | 131,000 | 206,700 | 32,679 | 195,210 | 204,600 |
| Michigan | 127 | 436 | 433 | 21,162 | 128,300 | 142,500 | 10,542 | 82,200 | 86,100 |
| Wisconsin | 402 | 1,092 | 1,330 | 35,380 | 120,100 | 179,300 | 37,831 | 113,080 | 147,490 |
| **West North Central** | 2,577 | 4,825 | 5,327 | 254,425 | 850,000 | 1,242,400 | 286,535 | 836,630 | 859,220 |
| Minnesota | 980 | 1,383 | 1,568 | 90,392 | 217,400 | 330,200 | 58,968 | 223,980 | 218,210 |
| Iowa | 505 | 1,094 | 1,200 | 59,151 | 179,800 | 267,600 | 106,758 | 172,710 | 210,520 |
| Missouri | 73 | 537 | 640 | 6,737 | 170,600 | 180,400 | 1,243 | 83,490 | 94,340 |
| North Dakota | 313 | 460 | 535 | 22,453 | 60,300 | 102,200 | 47,260 | 91,280 | 71,700 |
| South Dakota | 178 | 397 | 409 | 17,451 | 65,000 | 94,700 | 23,817 | 74,080 | 62,980 |
| Nebraska | 282 | 488 | 510 | 29,366 | 74,100 | 178,200 | 15,539 | 91,930 | 103,220 |
| Kansas | 246 | 466 | 465 | 28,875 | 82,800 | 89,100 | 32,950 | 99,160 | 98,250 |
| **South Atlantic** | 329 | 385 | 451 | 37,097 | 280,000 | 125,400 | 10,269 | 152,325 | 107,070 |
| Delaware | 5 | 12 | 4 | 1,452 | 1,200 | 200 | 299 | 960 | 600 |
| Maryland | 19 | 16 | 35 | 1,760 | 12,600 | 19,400 | 387 | 12,200 | 19,510 |
| Dist. of Columbia | ------ | 1 | 1 | -------- | 1,000 | 1,100 | -------- | 2,300 | 5,000 |
| Virginia | 58 | 96 | 78 | 12,228 | 25,700 | 26,100 | 1,675 | 21,615 | 18,410 |
| West Virginia | 12 | 42 | 55 | 1,712 | 6,100 | 10,000 | 538 | 2,820 | 4,760 |
| North Carolina | 74 | 50 | 64 | 9,979 | 139,900 | 20,500 | 3,578 | 43,380 | 13,720 |
| South Carolina | 37 | 18 | 18 | 2,649 | 16,600 | 6,900 | 1,873 | 18,130 | 9,260 |
| Georgia | 55 | 46 | 68 | 4,228 | 67,900 | 27,200 | 439 | 16,210 | 11,140 |
| Florida | 69 | 104 | 128 | 3,089 | 9,000 | 14,000 | 1,481 | 34,710 | 24,670 |
| **East South Central** | 215 | 277 | 305 | 35,834 | 295,000 | 159,300 | 7,170 | 117,270 | 64,390 |
| Kentucky | 66 | 56 | 61 | 19,460 | 194,700 | 69,300 | 3,909 | 58,650 | 6,930 |
| Tennessee | 56 | 111 | 108 | 6,960 | 32,600 | 27,700 | 1,647 | 9,360 | 7,360 |
| Alabama | 51 | 63 | 83 | 7,058 | 38,300 | 39,600 | 1,115 | 16,940 | 21,550 |
| Mississippi | 42 | 47 | 53 | 2,356 | 29,400 | 22,700 | 500 | 32,120 | 28,550 |
| **West South Central** | 315 | 454 | 602 | 30,793 | 250,000 | 180,500 | 7,684 | 128,630 | 122,690 |
| Arkansas | 89 | 101 | 127 | 5,714 | 54,500 | 21,000 | 906 | 17,935 | 8,760 |
| Louisiana | 44 | 38 | 49 | 4,164 | 25,800 | 18,100 | 1,976 | 13,340 | 16,910 |
| Oklahoma | 48 | 143 | 226 | 3,673 | 92,200 | 79,400 | 2,455 | 46,550 | 56,340 |
| Texas | 134 | 172 | 200 | 17,242 | 77,500 | 62,000 | 2,346 | 50,805 | 40,680 |
| **Mountain** | 232 | 363 | 454 | 34,731 | 75,000 | 100,800 | 20,486 | 70,950 | 70,680 |
| Montana | 51 | 102 | 135 | 4,784 | 21,200 | 20,700 | 4,823 | 19,690 | 17,570 |
| Idaho | 59 | 59 | 65 | 15,826 | 11,200 | 18,400 | 5,350 | 13,250 | 14,300 |
| Wyoming | 16 | 18 | 35 | 1,271 | 2,300 | 7,100 | 1,763 | 2,520 | 5,930 |
| Colorado | 53 | 101 | 123 | 6,486 | 21,200 | 27,100 | 4,821 | 23,600 | 17,270 |
| New Mexico | 13 | 20 | 25 | 880 | 2,500 | 4,700 | 765 | 2,160 | 3,190 |
| Arizona | 7 | 20 | 19 | 840 | 2,600 | 3,000 | 522 | 5,240 | 2,950 |
| Utah | 31 | 41 | 44 | 4,330 | 13,800 | 18,200 | 2,348 | 4,410 | 8,580 |
| Nevada | 2 | 2 | 8 | 314 | 200 | 1,600 | 93 | 80 | 890 |
| **Pacific** | 416 | 643 | 778 | 65,950 | 140,000 | 184,200 | 150,511 | 297,675 | 360,370 |
| Washington | 134 | 172 | 196 | 32,734 | 31,700 | 51,200 | 18,968 | 52,060 | 81,160 |
| Oregon | 85 | 121 | 143 | 10,841 | 17,100 | 33,900 | 9,754 | 21,655 | 26,470 |
| California | 197 | 350 | 439 | 22,375 | 91,200 | 99,100 | 121,789 | 223,960 | 252,740 |
| ***Leading Commodity groups:*** | | | | | | | | | |
| Cotton and products | 213 | 121 | 199 | 18,404 | 300,000 | 150,000 | 1,502 | 150,000 | 110,000 |
| Dairy products | 1,708 | 2,197 | 2,458 | 140,567 | 460,000 | 650,000 | 89,061 | 535,000 | 680,000 |
| Fruits and vegetables | 871 | 1,237 | 1,384 | 109,916 | 180,000 | 218,000 | 201,543 | 280,000 | 320,000 |
| Grain | 1,637 | 3,338 | 3,448 | 166,828 | 520,000 | 810,000 | 289,689 | 750,000 | 690,000 |
| Tobacco | 43 | 24 | 15 | 17,849 | 300,000 | 75,000 | 6,450 | 90,000 | 6,800 |
| Livestock | 96 | 1,770 | 2,153 | 13,438 | 400,000 | 465,000 | 5,624 | 320,000 | 320,000 |
| Poultry products | 856 | 71 | 157 | 184,184 | 50,000 | 67,000 | 41,970 | 40,000 | 79,400 |
| All others | | 2,045 | 2,186 | | 490,000 | 665,000 | | 235,000 | 293,800 |

Source: Federal Farm Board.

## No. 608.—FARMS REPORTING MOTOR VEHICLES, TELEPHONES, WATER PIPED INTO HOUSE, AND GAS OR ELECTRIC LIGHT, 1920

NOTE.—Data for 1930 are not yet available

| Division and State | Automobiles | | Motor trucks | | Tractors | | Telephones | | Water piped into house | | Gas or electric light | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of farms reporting | Per cent of all farms | Number of farms reporting | Per cent of all farms | Number of farms reporting | Per cent of all farms | Number of farms reporting | Per cent of all farms | Number of farms reporting | Per cent of all farms | Number of farms reporting | Per cent of all farms |
| **United States** | 1,979,564 | 30.7 | 131,551 | 2.0 | 229,332 | 3.6 | 2,498,493 | 38.7 | 643,899 | 10.0 | 452,620 | 7.0 |
| **New England** | 40,269 | 25.7 | 7,284 | 4.7 | 2,245 | 1.4 | 80,510 | 51.4 | 74,954 | 47.9 | 24,000 | 15.3 |
| Maine | 11,686 | 24.2 | 1,061 | 2.2 | 605 | 1.3 | 23,632 | 49.0 | 18,020 | 37.4 | 4,625 | 9.6 |
| New Hampshire | 4,797 | 23.4 | 663 | 3.2 | 196 | 1.0 | 10,166 | 49.5 | 10,765 | 52.5 | 2,322 | 11.3 |
| Vermont | 7,611 | 26.2 | 576 | 2.0 | 424 | 1.5 | 16,752 | 57.6 | 18,301 | 62.9 | 3,328 | 11.4 |
| Massachusetts | 8,181 | 25.6 | 3,136 | 9.8 | 540 | 1.7 | 16,537 | 51.7 | 16,893 | 52.8 | 9,062 | 28.3 |
| Rhode Island | 1,198 | 29.3 | 471 | 11.5 | 69 | 1.7 | 1,685 | 41.3 | 1,451 | 35.5 | 700 | 17.1 |
| Connecticut | 6,796 | 30.0 | 1,377 | 6.1 | 411 | 1.8 | 11,738 | 51.8 | 9,524 | 42.0 | 3,963 | 17.5 |
| **Middle Atlantic** | 149,599 | 35.2 | 20,472 | 4.8 | 13,240 | 3.1 | 189,344 | 44.5 | 98,936 | 23.3 | 60,102 | 14.1 |
| New York | 68,003 | 35.2 | 8,636 | 4.5 | 7,021 | 3.6 | 91,973 | 47.6 | 45,487 | 23.5 | 24,882 | 12.9 |
| New Jersey | 11,731 | 39.5 | 3,075 | 10.4 | 845 | 2.8 | 9,484 | 31.9 | 7,047 | 23.7 | 4,551 | 15.3 |
| Pennsylvania | 69,865 | 34.5 | 8,761 | 4.3 | 5,374 | 2.7 | 87,887 | 43.5 | 46,402 | 22.9 | 30,669 | 15.2 |
| **East North Central** | 513,052 | 47.3 | 24,942 | 2.3 | 55,413 | 5.1 | 678,862 | 62.6 | 134,877 | 12.4 | 113,871 | 10.5 |
| Ohio | 119,511 | 46.6 | 6,960 | 2.7 | 9,934 | 3.9 | 159,478 | 62.1 | 41,531 | 16.2 | 37,745 | 14.7 |
| Indiana | 95,238 | 46.4 | 3,501 | 1.7 | 8,871 | 4.3 | 136,140 | 66.4 | 23,476 | 11.4 | 20,584 | 10.0 |
| Illinois | 125,586 | 52.9 | 5,907 | 2.5 | 21,932 | 9.2 | 173,572 | 73.2 | 26,676 | 11.2 | 23,273 | 9.8 |
| Michigan | 78,919 | 40.2 | 4,681 | 2.4 | 5,584 | 2.8 | 97,874 | 49.8 | 29,720 | 15.1 | 15,695 | 8.0 |
| Wisconsin | 93,798 | 49.6 | 3,893 | 2.1 | 9,092 | 4.8 | 111,798 | 59.1 | 13,465 | 7.1 | 16,574 | 8.8 |
| **West North Central** | 631,631 | 57.6 | 32,331 | 2.9 | 92,123 | 8.4 | 762,442 | 69.5 | 107,015 | 9.8 | 97,847 | 8.9 |
| Minnesota | 101,847 | 57.1 | 3,677 | 2.1 | 14,794 | 8.3 | 110,568 | 62.0 | 11,392 | 6.4 | 13,539 | 7.6 |
| Iowa | 156,081 | 73.1 | 8,669 | 4.1 | 19,427 | 9.1 | 183,852 | 86.1 | 33,851 | 15.9 | 32,552 | 15.3 |
| Missouri | 81,392 | 30.9 | 4,878 | 1.9 | 7,438 | 2.8 | 163,543 | 62.2 | 11,901 | 4.5 | 14,341 | 5.5 |
| North Dakota | 44,010 | 56.6 | 743 | 1.0 | 11,834 | 15.2 | 36,349 | 46.8 | 4,684 | 6.0 | 4,518 | 5.8 |
| South Dakota | 51,780 | 69.4 | 4,249 | 5.7 | 12,160 | 16.3 | 44,327 | 59.4 | 9,157 | 12.3 | 6,445 | 8.6 |
| Nebraska | 94,004 | 75.6 | 6,333 | 5.1 | 10,342 | 8.3 | 95,050 | 76.4 | 20,691 | 16.6 | 12,062 | 9.7 |
| Kansas | 102,517 | 62.0 | 3,782 | 2.3 | 16,128 | 9.8 | 128,753 | 77.9 | 15,339 | 9.3 | 14,390 | 8.7 |
| **South Atlantic** | 187,236 | 16.2 | 14,716 | 1.3 | 10,460 | .9 | 164,213 | 14.2 | 38,775 | 3.3 | 45,407 | 3.9 |
| Delaware | 3,693 | 36.4 | 283 | 2.8 | 220 | 2.2 | 2,763 | 27.2 | 752 | 7.4 | 397 | 3.9 |
| Maryland | 16,049 | 33.5 | 2,556 | 5.3 | 1,410 | 2.9 | 11,755 | 24.5 | 6,702 | 14.0 | 3,330 | 7.0 |
| District of Columbia | 50 | 24.5 | 29 | 14.2 | 1 | .5 | 67 | 32.8 | 51 | 25.0 | 52 | 25.5 |
| Virginia | 28,557 | 15.3 | 2,339 | 1.3 | 2,206 | 1.2 | 33,482 | 18.0 | 9,474 | 5.1 | 7,874 | 4.2 |
| West Virginia | 10,405 | 11.9 | 886 | 1.0 | 541 | .6 | 37,789 | 43.3 | 4,974 | 5.7 | 12,900 | 14.8 |
| North Carolina | 41,839 | 15.5 | 2,551 | .9 | 2,184 | .8 | 33,029 | 12.2 | 4,423 | 1.6 | 7,816 | 2.9 |
| South Carolina | 30,709 | 15.9 | 1,609 | .8 | 1,213 | .6 | 10,943 | 5.7 | 3,443 | 1.8 | 5,170 | 2.7 |
| Georgia | 47,173 | 15.2 | 2,913 | .9 | 2,083 | .7 | 29,861 | 9.6 | 5,615 | 1.8 | 5,826 | 1.9 |
| Florida | 8,761 | 16.2 | 1,500 | 2.8 | 602 | 1.1 | 4,524 | 8.4 | 3,341 | 6.2 | 2,042 | 3.8 |
| **East South Central** | 81,830 | 7.8 | 4,869 | .5 | 5,044 | .5 | 196,692 | 18.7 | 15,999 | 1.5 | 21,720 | 2.1 |
| Kentucky | 28,532 | 10.5 | 1,455 | .5 | 1,913 | .7 | 73,145 | 27.0 | 5,139 | 1.9 | 5,925 | 2.2 |
| Tennessee | 22,446 | 8.9 | 1,362 | .5 | 1,796 | .7 | 56,880 | 22.5 | 4,890 | 1.9 | 4,554 | 1.8 |
| Alabama | 15,906 | 6.2 | 1,114 | .4 | 737 | .3 | 38,407 | 15.0 | 2,987 | 1.2 | 8,345 | 3.3 |
| Mississippi | 14,946 | 5.5 | 938 | .3 | 598 | .2 | 28,260 | 10.4 | 2,983 | 1.1 | 2,896 | 1.1 |
| **West South Central** | 173,609 | 17.4 | 8,960 | .9 | 17,435 | 1.8 | 273,315 | 27.4 | 49,191 | 4.9 | 19,352 | 1.9 |
| Arkansas | 15,401 | 6.6 | 973 | .4 | 1,423 | .6 | 52,869 | 22.7 | 1,780 | .8 | 2,643 | 1.1 |
| Louisiana | 9,494 | 7.0 | 793 | .6 | 2,142 | 1.6 | 8,599 | 6.3 | 2,185 | 1.6 | 1,471 | 1.1 |
| Oklahoma | 49,017 | 25.5 | 2,070 | 1.1 | 5,786 | 3.0 | 71,613 | 37.3 | 6,646 | 3.5 | 7,010 | 3.7 |
| Texas | 99,697 | 22.9 | 5,124 | 1.2 | 8,084 | 1.9 | 140,234 | 32.2 | 38,580 | 8.8 | 8,228 | 1.9 |
| **Mountain** | 91,698 | 37.6 | 7,168 | 2.9 | 15,865 | 6.5 | 62,503 | 25.6 | 26,343 | 10.8 | 25,161 | 10.3 |
| Montana | 20,749 | 36.0 | 1,167 | 2.0 | 6,890 | 11.9 | 9,781 | 17.0 | 3,055 | 5.3 | 2,013 | 3.5 |
| Idaho | 16,651 | 39.5 | 779 | 1.9 | 1,468 | 3.5 | 13,837 | 32.9 | 5,240 | 12.4 | 5,982 | 14.2 |
| Wyoming | 6,180 | 39.2 | 554 | 3.5 | 969 | 6.2 | 4,449 | 28.3 | 1,035 | 6.6 | 717 | 4.6 |
| Colorado | 28,356 | 47.3 | 2,884 | 4.8 | 4,526 | 7.6 | 22,022 | 36.7 | 6,806 | 11.4 | 3,925 | 6.5 |
| New Mexico | 5,546 | 18.6 | 552 | 1.8 | 457 | 1.5 | 3,359 | 11.3 | 1,460 | 4.9 | 422 | 1.4 |
| Arizona | 4,534 | 45.5 | 527 | 5.3 | 820 | 8.2 | 1,638 | 16.4 | 1,988 | 19.9 | 592 | 5.9 |
| Utah | 8,246 | 32.1 | 544 | 2.1 | 553 | 2.2 | 6,295 | 24.5 | 6,179 | 24.1 | 11,125 | 43.4 |
| Nevada | 1,436 | 45.4 | 161 | 5.1 | 182 | 5.8 | 1,122 | 35.5 | 580 | 18.3 | 385 | 12.2 |
| **Pacific** | 110,640 | 47.2 | 10,809 | 4.6 | 17,507 | 7.5 | 90,612 | 38.7 | 97,809 | 41.8 | 45,160 | 19.3 |
| Washington | 27,626 | 41.7 | 3,172 | 4.8 | 2,474 | 3.7 | 27,952 | 42.2 | 18,967 | 28.6 | 9,178 | 13.8 |
| Oregon | 20,561 | 41.0 | 1,728 | 3.4 | 2,902 | 5.8 | 25,351 | 50.5 | 12,914 | 25.7 | 5,463 | 10.9 |
| California | 62,453 | 53.1 | 5,909 | 5.0 | 12,131 | 10.3 | 37,309 | 31.7 | 65,928 | 56.0 | 30,519 | 25.9 |

Source: Bureau of the Census, Department of Commerce.

## No. 609.—FARMS REPORTING TRACTORS AND RADIO OUTFITS, 1925

NOTE.—For other farm equipment and conveniences in 1920 see Table 608. Data for 1930 are not yet available

| Division and State | Tractors | | Radio outfits | |
|---|---|---|---|---|
| | Number of farms reporting | Per cent of all farms | Number of farms reporting | Per cent of all farms |
| **United States** | **473,848** | **7.4** | **284,006** | **4.5** |
| **New England** | **7,319** | **4.6** | **19,005** | **11.9** |
| Maine | 1,684 | 3.4 | 3,493 | 7.0 |
| New Hampshire | 494 | 2.3 | 2,366 | 11.2 |
| Vermont | 1,500 | 5.4 | 2,778 | 10.0 |
| Massachusetts | 2,046 | 6.1 | 6,434 | 19.2 |
| Rhode Island | 280 | 7.2 | 1,246 | 31.9 |
| Connecticut | 1,315 | 5.7 | 2,688 | 11.6 |
| **Middle Atlantic** | **47,471** | **11.3** | **45,812** | **10.9** |
| New York | 24,350 | 12.9 | 24,623 | 13.0 |
| New Jersey | 4,113 | 13.9 | 6,256 | 21.1 |
| Pennsylvania | 19,008 | 9.5 | 14,933 | 7.4 |
| **East North Central** | **141,670** | **13.5** | **69,291** | **6.6** |
| Ohio | 29,951 | 12.2 | 15,916 | 6.5 |
| Indiana | 22,817 | 11.7 | 8,663 | 4.4 |
| Illinois | 41,435 | 18.4 | 27,436 | 12.2 |
| Michigan | 18,515 | 9.6 | 9,028 | 4.7 |
| Wisconsin | 28,952 | 15.0 | 8,248 | 4.3 |
| **West North Central** | **151,838** | **13.7** | **88,529** | **8.0** |
| Minnesota | 25,539 | 13.6 | 11,770 | 6.3 |
| Iowa | 35,692 | 16.7 | 23,645 | 11.1 |
| Missouri | 12,066 | 4.6 | 17,591 | 6.8 |
| North Dakota | 15,853 | 20.9 | 4,729 | 6.2 |
| South Dakota | 16,373 | 20.6 | 4,866 | 6.1 |
| Nebraska | 17,727 | 13.9 | 12,739 | 10.0 |
| Kansas | 28,587 | 17.2 | 13,189 | 8.0 |
| **South Atlantic** | **28,938** | **2.6** | **12,636** | **1.1** |
| Delaware | 619 | 6.0 | 342 | 3.3 |
| Maryland | 3,814 | 7.8 | 2,779 | 5.7 |
| Dist. of Columbia | 4 | 2.9 | 36 | 25.9 |
| **South Atlantic—Con.** | | | | |
| Virginia | 6,362 | 3.3 | 3,715 | 1.9 |
| West Virginia | 1,765 | 2.0 | 1,741 | 1.9 |
| North Carolina | 7,595 | 2.7 | 1,357 | .5 |
| South Carolina | 2,658 | 1.5 | 867 | .5 |
| Georgia | 3,769 | 1.5 | 1,293 | .5 |
| Florida | 2,352 | 4.0 | 506 | .9 |
| **East South Central** | **13,299** | **1.3** | **6,484** | **.6** |
| Kentucky | 4,793 | 1.9 | 2,878 | 1.1 |
| Tennessee | 4,571 | 1.8 | 1,939 | .8 |
| Alabama | 2,261 | 1.0 | 739 | .3 |
| Mississippi | 1,674 | .7 | 928 | .4 |
| **West South Central** | **29,845** | **2.9** | **16,130** | **1.6** |
| Arkansas | 2,554 | 1.2 | 1,245 | .6 |
| Louisiana | 2,466 | 1.9 | 448 | .3 |
| Oklahoma | 9,954 | 5.0 | 2,707 | 1.4 |
| Texas | 14,871 | 3.2 | 11,730 | 2.5 |
| **Mountain** | **17,899** | **7.7** | **6,923** | **3.0** |
| Montana | 5,857 | 12.5 | 1,941 | 4.1 |
| Idaho | 1,796 | 4.4 | 805 | 2.0 |
| Wyoming | 1,219 | 7.9 | 623 | 4.0 |
| Colorado | 5,970 | 10.3 | 2,426 | 4.2 |
| New Mexico | 995 | 3.1 | 286 | .9 |
| Arizona | 1,060 | 9.8 | 302 | 2.8 |
| Utah | 804 | 3.1 | 386 | 1.5 |
| Nevada | 198 | 5.1 | 154 | 4.0 |
| **Pacific** | **35,569** | **13.4** | **19,196** | **7.2** |
| Washington | 4,314 | 5.9 | 2,691 | 3.7 |
| Oregon | 5,364 | 9.6 | 3,251 | 5.8 |
| California | 25,891 | 19.0 | 13,254 | 9.7 |

Source: Bureau of the Census, Department of Commerce.

## No. 610.—NUMBER OF TRACTORS ON FARMS, 1925

NOTE.—Data for 1930 are not yet available

| Division and State | Tractors |
|---|---|
| **United States** | **505,933** |
| **New England** | **7,844** |
| Maine | 1,774 |
| New Hampshire | 531 |
| Vermont | 1,568 |
| Massachusetts | 2,212 |
| Rhode Island | 318 |
| Connecticut | 1,441 |
| **Middle Atlantic** | **49,864** |
| New York | 25,681 |
| New Jersey | 4,419 |
| Pennsylvania | 19,764 |
| **East North Central** | **146,665** |
| Ohio | 30,905 |
| Indiana | 23,567 |
| Illinois | 43,325 |
| Michigan | 19,217 |
| Wisconsin | 29,651 |
| **West North Central** | **161,559** |
| Minnesota | 26,739 |
| **West North Central—Con.** | |
| Iowa | 37,230 |
| Missouri | 12,745 |
| North Dakota | 17,483 |
| South Dakota | 17,426 |
| Nebraska | 18,765 |
| Kansas | 31,171 |
| **South Atlantic** | **31,075** |
| Delaware | 694 |
| Maryland | 4,026 |
| Dist. of Columbia | 8 |
| Virginia | 6,750 |
| West Virginia | 1,860 |
| North Carolina | 7,909 |
| South Carolina | 2,906 |
| Georgia | 4,145 |
| Florida | 2,777 |
| **East South Central** | **14,097** |
| Kentucky | 4,994 |
| Tennessee | 4,767 |
| Alabama | 2,465 |
| Mississippi | 1,871 |
| **West South Central** | **34,688** |
| Arkansas | 3,476 |
| Louisiana | 3,482 |
| Oklahoma | 10,950 |
| Texas | 16,780 |
| **Mountain** | **19,935** |
| Montana | 6,602 |
| Idaho | 1,927 |
| Wyoming | 1,323 |
| Colorado | 6,693 |
| New Mexico | 1,080 |
| Arizona | 1,239 |
| Utah | 850 |
| Nevada | 221 |
| **Pacific** | **40,206** |
| Washington | 4,490 |
| Oregon | 5,768 |
| California | 29,948 |

Source: Bureau of the Census, Department of Commerce.

# 26.—FARM PRODUCTS—PRODUCTION, VALUE, PRICES, ETC., AND FOREIGN TRADE

**[Data in this section relate to continental United States except foreign trade statistics, which represent the trade of the "customs area" (see general note, p. 482)]**

## No. 611.—INDEXES OF THE VOLUME OF NET AGRICULTURAL PRODUCTION

NOTE.—Indexes are based on estimates of production for sale and for consumption in the farm home. Production fed to livestock or used for seed is not included. Calendar-year production of livestock and livestock products are here compared with crop production of the same year. Commodities included in the index contribute about 90 per cent of the gross income from agricultural production

[1919–1927=100]

| Year | Total | Grains | Fruits and vegetables | Truck crops | Meat animals | Dairy products | Poultry products | Cotton and cottonseed |
|---|---|---|---|---|---|---|---|---|
| 1919 | 91 | 101 | 82 | 71 | 96 | 81 | 85 | 91 |
| 1920 | 97 | 116 | 102 | 86 | 92 | 80 | 84 | 105 |
| 1921 | 87 | 100 | 76 | 74 | 91 | 91 | 95 | 64 |
| 1922 | 96 | 100 | 109 | 101 | 97 | 95 | 98 | 77 |
| 1923 | 101 | 97 | 108 | 99 | 107 | 103 | 107 | 80 |
| 1924 | 106 | 100 | 106 | 111 | 108 | 109 | 100 | 108 |
| 1925 | 106 | 95 | 98 | 115 | 102 | 110 | 104 | 128 |
| 1926 | 111 | 93 | 116 | 114 | 103 | 114 | 111 | 143 |
| 1927 | 106 | 97 | 104 | 129 | 103 | 116 | 116 | 103 |
| 1928 | 111 | 106 | 122 | 124 | 105 | 119 | 112 | 114 |
| 1929 | 109 | 87 | 102 | 141 | 105 | 122 | 116 | 118 |
| 1930 | 107 | 85 | 112 | 137 | 99 | 122 | 119 | 113 |

Source: Bureau of Agricultural Economics, Department of Agriculture.

## No. 612.—ESTIMATED VALUE OF FARM PRODUCTS

NOTE.—Values shown in the following table were computed from United States quantities and average prices for the United States. For 1897 to 1908, farm prices December 1 were used, while for 1909 to 1926, weighted prices for the crop year were used for crops and for the calendar year for animal products. Beginning with 1919, a number of items which previously had not been included in making these estimates was added.

This series of computations was discontinued in 1927 and a new series of estimates of farm value and income from farm production computed based on State quantities evaluated in terms of State average prices. (See Tables 613 to 615). Differences between the two series are in part due to this change in the quantities and prices used and to certain refinements in methods of computations. A large difference, however, is due to the inclusion in the new series in Tables 613 to 615 of a lower estimate of volume of milk production than that previously used

**[In millions of dollars]**

| Year | Crops | Animal products | Crops fed to livestock | Total, excl. crops fed to livestock | Year | Crops | Animal products | Crops fed to livestock | Total, excl. crops fed to livestock |
|---|---|---|---|---|---|---|---|---|---|
| 1897 | 2,519 | 1,442 | 1,057 | 2,904 | 1912 | 6,799 | 3,778 | 3,110 | 7,467 |
| 1898 | 2,760 | 1,579 | 1,178 | 3,161 | 1913 | 6,717 | 4,099 | 2,930 | 7,886 |
| 1899 (census) | 3,020 | 1,718 | 1,383 | 3,355 | 1914 | 7,268 | 4,249 | 3,352 | 8,165 |
| 1900 | 3,192 | 1,818 | 1,461 | 3,549 | 1915 | 7,957 | 4,303 | 3,622 | 8,638 |
| 1901 | 3,385 | 1,917 | 1,659 | 3,643 | 1916 | 10,305 | 4,862 | 4,808 | 10,359 |
| 1902 | 3,578 | 2,016 | 1,787 | 3,807 | 1917 | 14,277 | 6,539 | 6,867 | 13,949 |
| 1903 | 3,772 | 2,116 | 1,752 | 4,136 | 1918 | 14,814 | 8,082 | 6,392 | 16,504 |
| 1904 | 3,982 | 2,140 | 1,860 | 4,262 | 1919 | 16,561 | 8,275 | 7,159 | 17,677 |
| 1905 | 4,013 | 2,261 | 1,887 | 4,387 | 1920 | 11,578 | 7,709 | 4,476 | 14,811 |
| 1906 | 4,263 | 2,501 | 1,980 | 4,784 | 1921 | 7,759 | 5,589 | 3,080 | 10,268 |
| 1907 | 4,761 | 2,727 | 2,293 | 5,195 | 1922 | 9,430 | 5,651 | 3,870 | 11,211 |
| 1908 | 5,098 | 2,792 | 2,426 | 5,464 | 1923 | 10,401 | 6,271 | 4,290 | 12,382 |
| 1909 | 5,483 | 3,398 | 2,409 | 6,472 | 1924 | 10,770 | 5,902 | 4,453 | 12,219 |
| 1910 | 6,211 | 3,743 | 2,762 | 7,192 | 1925 | 10,170 | 6,647 | 3,783 | 13,034 |
| 1911 | 6,495 | 3,485 | 2,988 | 6,992 | 1926 | 9,266 | 7,300 | 3,581 | 12,985 |

Source: Bureau of Agricultural Economics, Department of Agriculture.

## No. 613.—ESTIMATED GROSS INCOME FROM FARM PRODUCTION: By Groups of Commodities

Note.—Data in the following table are based on State totals shown in Table 614, adjusted to exclude interstate sales of horses and mules and of seeds for planting. They include estimates of income from poultry other than chickens and from certain minor crops, not included in State totals

[In millions of dollars]

| Source of income | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 [1] |
|---|---|---|---|---|---|---|---|
| Grand total | 11,337 | 11,968 | 11,480 | 11,616 | 11,741 | 11,851 | 9,434 |
| Crops, total | 6,170 | 6,147 | 5,468 | 5,817 | 5,675 | 5,603 | 4,226 |
| Grains | 1,755 | 1,496 | 1,432 | 1,592 | 1,513 | 1,285 | 910 |
| Fruits and nuts | 671 | 683 | 694 | 690 | 705 | 727 | 566 |
| Vegetables | 953 | 1,193 | 1,093 | 1,062 | 967 | 1,162 | 1,015 |
| Sugar crops | 104 | 95 | 103 | 104 | 92 | 100 | 105 |
| Cotton and cottonseed | 1,710 | 1,740 | 1,251 | 1,464 | 1,470 | 1,376 | 779 |
| Tobacco | 259 | 251 | 237 | 257 | 278 | 286 | 211 |
| Other crops | 719 | 689 | 659 | 649 | 650 | 667 | 640 |
| Livestock and livestock products, total | 5,167 | 5,820 | 6,012 | 5,799 | 6,066 | 6,249 | 5,208 |
| Cattle, hogs, and sheep | 2,380 | 2,822 | 2,922 | 2,664 | 2,727 | 2,827 | 2,280 |
| Poultry and eggs | 989 | 1,114 | 1,167 | 1,108 | 1,202 | 1,256 | 1,024 |
| Dairy products | 1,678 | 1,759 | 1,805 | 1,911 | 1,994 | 2,045 | 1,810 |
| Wool | 87 | 97 | 88 | 86 | 111 | 93 | 67 |
| Other | 33 | 28 | 30 | 30 | 32 | 28 | 27 |

[1] Preliminary.

Source: Bureau of Agricultural Economics, Department of Agriculture.

## No. 614.—ESTIMATED FARM VALUE OF PRODUCTS, GROSS INCOME, AND CASH INCOME: By Commodities

Note.—Farm values of crops and animal products are obtained by multiplying State quantities by State average prices. Prices used in most cases are weighted averages—for animal products, calendar year averages; for crops, averages for the period during which the crop is marketed. Gross income represents value of farm production sold plus value of production retained for use in the farm home, excluding, in the case of crops, amounts retained for feed and seed and amounts unfit for sale and consumption. Cash income excludes products used in the farm home. Totals for 1924 are as follows: Farm value—crops, $10,537,200,000, animal products, $5,086,500,000; gross income—grand total, $11,405,900,000, crops, $6,239,600,000; animal products, $5,166,300,000; cash income—grand total, $9,707,700,000, crops $5,570,400,000, animal products, $4,137,300,000

[All figures except percentages in millions and tenths of million dollars]

| Product | Farm value | | | | | Gross income | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1925 | 1926 | 1927 | 1928 | 1929 | 1925 | 1926 | 1927 | 1928 | 1929 |
| Grand total | ------- | ------- | ------- | ------- | ------- | 12,043.4 | 11,549.6 | 11,698.9 | 11,798.1 | 11,923.8 |
| All crops | 10,008.3 | 9,284.6 | 10,078.1 | 9,806.4 | 9,498.0 | 6,224.7 | 5,539.9 | 5,901.5 | 5,737.4 | 5,680.7 |
| Grains: | | | | | | | | | | |
| Corn | 2,046.6 | 2,023.2 | 2,368.6 | 2,384.8 | 2,038.0 | 386.5 | 324.3 | 408.5 | 436.8 | 329.5 |
| Wheat | 972.5 | 1,014.9 | 1,045.9 | 914.9 | 855.0 | 804.2 | 861.8 | 875.5 | 769.4 | 703.8 |
| Oats | 584.5 | 506.7 | 563.1 | 597.1 | 531.9 | 150.4 | 117.3 | 116.2 | 134.7 | 110.7 |
| Barley | 131.7 | 107.6 | 184.0 | 205.0 | 167.4 | 55.4 | 36.8 | 72.9 | 79.6 | 52.6 |
| Other | 181.7 | 166.3 | 212.5 | 183.3 | 155.6 | 95.6 | 90.0 | 117.7 | 91.4 | 86.9 |
| Cotton and cottonseed | 1,797.7 | 1,293.4 | 1,515.0 | 1,529.0 | 1,432.0 | 1,739.9 | 1,251.2 | 1,464.2 | 1,469.5 | 1,375.7 |
| Flaxseed | 50.7 | 39.3 | 49.7 | 38.6 | 48.1 | 47.3 | 36.2 | 46.9 | 35.4 | 42.5 |
| Tobacco | 250.8 | 236.7 | 256.9 | 277.5 | 235.6 | 250.8 | 236.7 | 256.9 | 277.5 | 285.6 |
| Potatoes, sweet and white | 635.6 | 594.4 | 550.5 | 369.2 | 567.8 | 531.9 | 501.0 | 475.8 | 306.5 | 491.6 |
| Truck crops | 344.7 | 301.2 | 306.4 | 316.6 | 343.4 | 344.7 | 301.2 | 306.4 | 316.6 | 343.4 |
| Hay | 1,254.6 | 1,268.4 | 1,280.9 | 1,202.5 | 1,257.7 | 204.0 | 192.6 | 179.6 | 191.6 | 192.6 |
| Grass seeds | 40.5 | 38.5 | 47.7 | 28.8 | 38.1 | 34.5 | 31.3 | 42.0 | 23.3 | 32.8 |
| Beans and peas | 119.9 | 103.3 | 129.5 | 148.6 | 151.5 | 58.1 | 46.6 | 56.1 | 80.0 | 88.1 |
| Peanuts | 58.2 | 45.1 | 71.1 | 62.5 | 52.0 | 35.7 | 29.3 | 42.0 | 40.0 | 31.9 |
| Fruits and nuts | 657.9 | 683.9 | 655.8 | 678.3 | 707.3 | 647.4 | 665.0 | 647.9 | 665.3 | 695.4 |
| Sugar crops | 112.2 | 118.6 | 118.6 | 107.5 | 115.7 | 95.5 | 102.9 | 103.8 | 91.9 | 99.7 |
| Farm gardens | 301.6 | 284.3 | 266.1 | 303.3 | 284.4 | 301.6 | 284.3 | 266.1 | 303.3 | 284.4 |
| Forest products | 327.0 | 318.0 | 309.9 | 311.1 | 322.3 | 327.0 | 318.0 | 309.9 | 311.1 | 322.3 |
| Nursery and greenhouse products | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| Other crops | 42.6 | 43.4 | 48.6 | 50.5 | 46.9 | 16.9 | 16.2 | 16.1 | 16.2 | 13.9 |

**No. 614.**—ESTIMATED FARM VALUE OF PRODUCTS, GROSS INCOME, AND CASH INCOME: BY COMMODITIES—Continued

[All figures except percentages in millions and tenths of millions of dollars]

| Product | Farm value | | | | | Gross income | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1925 | 1926 | 1927 | 1928 | 1929 | 1925 | 1926 | 1927 | 1928 | 1929 |
| Animal products | 5,820.4 | 6,078.5 | 5,978.5 | 6,205.4 | 6,426.0 | 5,818.7 | 6,009.7 | 5,797.3 | 6,060.7 | 6,243.1 |
| Meat animals: | | | | | | | | | | |
| Cattle and calves | 878.7 | 869.3 | 940.0 | 1,138.0 | 1,166.6 | 1,003.0 | 1,008.3 | 1,004.7 | 1,080.0 | 1,086.8 |
| Hogs | 1,599.3 | 1,777.0 | 1,570.6 | 1,406.1 | 1,481.8 | 1,666.0 | 1,757.9 | 1,508.0 | 1,474.2 | 1,564.6 |
| Sheep and lambs | 174.1 | 175.6 | 177.5 | 198.3 | 189.0 | 152.6 | 156.0 | 151.0 | 171.8 | 175.3 |
| Poultry and eggs | 1,133.8 | 1,197.7 | 1,124.9 | 1,198.6 | 1,292.0 | 1,098.0 | 1,149.7 | 1,089.2 | 1,184.3 | 1,237.4 |
| Milk | 1,852.2 | 1,896.9 | 2,005.1 | 2,076.5 | 2,127.9 | 1,758.8 | 1,804.6 | 1,910.5 | 1,994.3 | 2,045.0 |
| Wool and mohair | 103.0 | 95.7 | 93.8 | 121.0 | 100.9 | 103.0 | 95.7 | 93.8 | 121.0 | 100.9 |
| Bee products | 11.9 | 11.1 | 12.5 | 11.2 | 12.6 | 11.9 | 11.1 | 12.5 | 11.2 | 12.6 |
| Horses and mules | 67.5 | 55.3 | 54.1 | 55.7 | 55.3 | 25.3 | 26.3 | 27.7 | 23.1 | 20.5 |

| Product | Cash income | | | | | Per cent distribution | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Gross income | | Cash income | |
| | 1925 | 1926 | 1927 | 1928 | 1929 | Farm value, 1929 | 1924–1928, average | 1929 | 1924–1928, average | 1929 |
| Grand total | 10,160.3 | 9,726.2 | 9,953.7 | 10,055.4 | 10,146.7 | | 100.0 | 100.0 | 100.0 | 100.0 |
| All crops | 5,505.5 | 4,869.9 | 5,270.3 | 5,090.7 | 5,007.0 | 100.0 | 50.7 | 47.6 | 53.0 | 49.3 |
| Grains | 1,450.9 | 1,394.0 | 1,550.1 | 1,472.2 | 1,246.8 | | 13.3 | 10.7 | 15.3 | 12.3 |
| Corn | 362.2 | 302.7 | 382.4 | 409.2 | 305.1 | 21.5 | 3.4 | 2.8 | 3.7 | 3.0 |
| Wheat | 788.6 | 848.5 | 862.2 | 758.6 | 692.8 | 9.0 | 7.2 | 5.9 | 8.4 | 6.8 |
| Oats | 150.4 | 117.3 | 116.2 | 134.7 | 110.7 | 5.6 | 1.3 | .9 | 1.5 | 1.1 |
| Barley | 55.4 | 36.8 | 72.9 | 79.6 | 52.6 | 1.8 | .5 | .5 | .6 | .5 |
| Other | 94.3 | 88.7 | 116.4 | 90.1 | 85.6 | 1.6 | .9 | .7 | 1.0 | .8 |
| Cotton and cottonseed | 1,739.9 | 1,251.2 | 1,464.2 | 1,469.5 | 1,375.7 | 15.1 | 13.1 | 11.5 | 15.4 | 13.6 |
| Flaxseed | 47.3 | 36.2 | 46.9 | 35.4 | 42.5 | .5 | .4 | .4 | .5 | .4 |
| Tobacco | 250.8 | 236.7 | 256.9 | 277.5 | 285.6 | 3.0 | 2.2 | 2.4 | 2.6 | 2.8 |
| Potatoes, sweet and white | 409.6 | 395.2 | 383.4 | 243.9 | 389.0 | 6.0 | 3.7 | 4.1 | 3.4 | 3.8 |
| Truck crops | 317.6 | 281.7 | 286.2 | 296.5 | 321.5 | 3.6 | 2.7 | 2.9 | 2.9 | 3.2 |
| Hay | 204.0 | 192.6 | 179.6 | 191.6 | 192.6 | 13.3 | 1.7 | 1.6 | 2.0 | 1.9 |
| Grass seeds | 34.5 | 31.3 | 42.0 | 23.3 | 32.8 | .4 | .3 | .3 | .3 | .3 |
| Beans and peas | 56.2 | 45.1 | 54.7 | 78.4 | 86.5 | 1.6 | .5 | .7 | .6 | .9 |
| Peanuts | 34.8 | 28.4 | 41.1 | 37.3 | 30.1 | .5 | .3 | .3 | .4 | .3 |
| Fruits and nuts | 578.0 | 596.3 | 586.8 | 596.0 | 623.5 | 7.4 | 5.6 | 5.8 | 5.9 | 6.1 |
| Sugar crops | 78.2 | 82.9 | 85.5 | 75.3 | 82.7 | 1.2 | .9 | .8 | .8 | .8 |
| Farm gardens | | | | | | 3.0 | 2.5 | 2.4 | | |
| Forest products | 189.5 | 184.3 | 179.6 | 180.3 | 186.4 | 3.4 | 2.7 | 2.7 | 1.8 | 1.8 |
| Nursery and greenhouse products | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 1.0 | .8 | .8 | 1.0 | 1.0 |
| Other crops | 16.9 | 16.2 | 16.0 | 16.2 | 14.0 | .5 | .1 | .1 | .2 | .1 |
| Animal products | 4,654.8 | 4,856.3 | 4,683.4 | 4,964.7 | 5,139.7 | 100.0 | 49.3 | 52.4 | 47.0 | 50.7 |
| Meat animals: | | | | | | | | | | |
| Cattle and calves | 974.1 | 981.2 | 974.1 | 1,046.8 | 1,054.5 | 18.2 | 8.6 | 9.1 | 9.8 | 10.4 |
| Hogs | 1,340.3 | 1,412.7 | 1,209.9 | 1,209.6 | 1,289.2 | 23.0 | 13.2 | 13.1 | 12.6 | 12.7 |
| Sheep and lambs | 149.5 | 153.0 | 147.7 | 168.5 | 171.9 | 2.9 | 1.3 | 1.5 | 1.5 | 1.7 |
| Poultry and eggs | 751.5 | 820.7 | 751.7 | 849.3 | 894.1 | 20.1 | 9.4 | 10.4 | 7.7 | 8.8 |
| Milk | 1,302.7 | 1,359.1 | 1,469.2 | 1,538.3 | 1,599.1 | 33.1 | 15.6 | 17.2 | 13.9 | 15.8 |
| Wool and mohair | 103.0 | 95.7 | 93.8 | 121.0 | 100.9 | 1.6 | .9 | .8 | 1.0 | 1.0 |
| Bee products | 8.4 | 7.6 | 9.4 | 8.2 | 9.6 | .2 | .1 | .1 | .1 | .1 |
| Horses and mules | 25.3 | 26.3 | 27.7 | 23.1 | 20.5 | .9 | .2 | .2 | .3 | .2 |

Source: Bureau of Agricultural Economics, Department of Agriculture.

## No. 615.—ESTIMATED GROSS AND CASH INCOME FROM FARM PRODUCTION: BY STATES

NOTE.—See headnote, Table 614

[In millions and tenths of millions of dollars]

| Division and State | Gross income | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Crops and animal products | | | Crops | | | Animal products | | |
| | 1924–1928, avg. | 1928 | 1929 | 1924–1928, avg. | 1928 | 1929 | 1924–1928, avg. | 1928 | 1929 |
| United States [1] | 11,699.2 | 11,798.1 | 11,923.8 | 5,928.6 | 5,737.4 | 5,680.7 | 5,770.6 | 6,060.7 | 6,243.1 |
| New England | 310.4 | 292.8 | 355.9 | 141.5 | 118.8 | 172.4 | 168.9 | 174.0 | 183.6 |
| Maine | 30.7 | 62.2 | 103.7 | 49.5 | 31.2 | 72.2 | 31.1 | 30.9 | 31.5 |
| New Hampshire | 30.7 | 30.0 | 33.0 | 11.4 | 9.8 | 11.7 | 19.3 | 20.2 | 21.2 |
| Vermont | 55.0 | 54.8 | 58.6 | 16.1 | 14.0 | 16.5 | 38.9 | 40.8 | 42.1 |
| Massachusetts | 75.4 | 75.9 | 82.8 | 34.9 | 34.9 | 38.6 | 40.5 | 41.0 | 44.2 |
| Rhode Island | 9.7 | 9.6 | 10.7 | 3.5 | 3.1 | 3.4 | 6.3 | 6.5 | 7.2 |
| Connecticut | 58.9 | 60.4 | 67.2 | 26.1 | 25.9 | 29.8 | 32.8 | 34.5 | 37.4 |
| Middle Atlantic | 848.6 | 849.5 | 906.7 | 357.0 | 318.1 | 346.0 | 491.6 | 531.4 | 560.7 |
| New York | 408.6 | 414.5 | 436.5 | 165.1 | 149.6 | 158.8 | 243.4 | 264.9 | 277.8 |
| New Jersey | 105.7 | 102.6 | 105.7 | 60.9 | 54.7 | 57.7 | 44.7 | 47.9 | 48.0 |
| Pennsylvania | 334.4 | 332.5 | 364.5 | 130.9 | 113.9 | 129.6 | 203.5 | 218.6 | 234.9 |
| East North Central | 2,060.9 | 2,048.6 | 2,122.2 | 710.1 | 638.9 | 675.6 | 1,350.7 | 1,409.7 | 1,446.6 |
| Ohio | 414.5 | 388.8 | 413.8 | 146.0 | 114.1 | 133.6 | 268.5 | 274.7 | 280.2 |
| Indiana | 340.6 | 335.1 | 352.9 | 110.9 | 89.3 | 96.8 | 229.7 | 245.8 | 256.1 |
| Illinois | 597.8 | 599.1 | 597.7 | 245.0 | 249.1 | 235.8 | 352.7 | 349.9 | 361.8 |
| Michigan | 301.3 | 302.8 | 319.6 | 123.3 | 114.0 | 123.0 | 178.1 | 188.8 | 196.6 |
| Wisconsin | 406.7 | 422.8 | 438.3 | 84.9 | 72.4 | 86.4 | 321.8 | 350.4 | 351.9 |
| West North Central | 2,934.9 | 2,941.8 | 2,957.1 | 998.1 | 971.5 | 858.5 | 1,936.8 | 1,970.2 | 2,098.6 |
| Minnesota | 442.2 | 430.9 | 460.2 | 134.2 | 107.0 | 118.1 | 308.0 | 323.8 | 342.0 |
| Iowa | 703.9 | 719.1 | 735.7 | 138.3 | 156.1 | 138.9 | 565.5 | 563.0 | 596.8 |
| Missouri | 419.6 | 414.0 | 422.1 | 127.1 | 111.9 | 111.8 | 292.5 | 302.1 | 310.3 |
| North Dakota | 260.5 | 249.6 | 208.5 | 177.8 | 168.0 | 119.7 | 82.8 | 81.6 | 88.8 |
| South Dakota | 233.5 | 225.0 | 236.4 | 75.8 | 64.1 | 68.2 | 157.7 | 160.8 | 168.2 |
| Nebraska | 427.0 | 419.1 | 451.8 | 134.3 | 130.2 | 133.4 | 292.7 | 288.9 | 318.5 |
| Kansas | 448.3 | 484.1 | 442.4 | 210.7 | 234.1 | 168.4 | 237.6 | 250.0 | 274.0 |
| South Atlantic | 1,371.4 | 1,347.7 | 1,348.7 | 975.8 | 932.8 | 943.5 | 395.6 | 414.9 | 405.2 |
| Delaware | 20.9 | 20.6 | 23.2 | 12.2 | 11.0 | 13.1 | 8.7 | 9.6 | 10.1 |
| Maryland | 94.3 | 89.7 | 98.2 | 52.1 | 43.5 | 50.0 | 42.1 | 46.2 | 48.2 |
| Virginia | 213.8 | 212.0 | 221.0 | 131.4 | 122.1 | 131.6 | 82.4 | 89.9 | 89.4 |
| West Virginia | 90.6 | 94.2 | 93.3 | 41.3 | 41.3 | 41.6 | 49.4 | 52.9 | 51.7 |
| North Carolina | 372.6 | 364.4 | 332.1 | 294.6 | 285.4 | 255.8 | 78.0 | 79.0 | 76.3 |
| South Carolina | 179.7 | 164.5 | 166.2 | 142.7 | 127.6 | 132.1 | 37.0 | 36.9 | 34.1 |
| Georgia | 283.7 | 271.5 | 290.6 | 207.8 | 194.4 | 216.2 | 75.8 | 77.0 | 74.4 |
| Florida | 115.8 | 130.9 | 124.1 | 93.8 | 107.6 | 103.1 | 22.1 | 23.3 | 21.0 |
| East South Central | 977.3 | 966.9 | 983.3 | 657.0 | 642.2 | 668.8 | 320.3 | 324.6 | 314.7 |
| Kentucky | 232.2 | 245.7 | 230.3 | 118.7 | 129.3 | 118.4 | 113.5 | 116.4 | 112.0 |
| Tennessee | 232.5 | 232.4 | 233.9 | 137.0 | 134.7 | 136.8 | 95.4 | 97.7 | 97.2 |
| Alabama | 244.6 | 229.6 | 235.4 | 186.7 | 175.3 | 181.5 | 57.9 | 54.2 | 53.8 |
| Mississippi | 268.0 | 259.2 | 283.9 | 214.6 | 202.9 | 232.2 | 53.4 | 56.3 | 51.8 |
| West South Central | 1,608.0 | 1,646.6 | 1,465.2 | 1,181.6 | 1,182.2 | 1,011.9 | 426.3 | 464.4 | 453.3 |
| Arkansas | 243.0 | 243.4 | 243.9 | 183.6 | 183.6 | 186.5 | 59.4 | 59.8 | 57.4 |
| Louisiana | 167.1 | 166.2 | 175.0 | 134.6 | 135.5 | 144.7 | 32.5 | 30.7 | 30.4 |
| Oklahoma | 349.4 | 347.4 | 305.2 | 240.3 | 221.2 | 178.5 | 109.1 | 126.2 | 126.7 |
| Texas | 848.5 | 889.7 | 741.0 | 623.1 | 642.0 | 502.1 | 225.3 | 247.7 | 238.9 |
| Mountain | 668.8 | 717.1 | 711.7 | 309.4 | 307.7 | 320.1 | 359.3 | 409.4 | 391.5 |
| Montana | 143.3 | 149.6 | 132.3 | 75.1 | 74.8 | 50.5 | 68.2 | 74.8 | 81.7 |
| Idaho | 117.8 | 119.4 | 129.5 | 64.3 | 59.3 | 71.6 | 53.5 | 60.0 | 57.9 |
| Wyoming | 52.8 | 61.0 | 60.7 | 13.3 | 14.2 | 15.8 | 39.5 | 46.8 | 44.9 |
| Colorado | 157.4 | 158.8 | 174.4 | 77.6 | 70.1 | 84.0 | 79.8 | 88.7 | 90.4 |
| New Mexico | 56.8 | 64.9 | 66.9 | 20.1 | 21.0 | 27.6 | 36.7 | 43.8 | 39.3 |
| Arizona | 57.2 | 72.8 | 64.3 | 30.4 | 39.5 | 43.1 | 26.9 | 33.3 | 21.2 |
| Utah | 63.2 | 68.3 | 66.1 | 25.8 | 25.7 | 24.3 | 37.5 | 42.6 | 41.9 |
| Nevada | 20.2 | 22.4 | 17.5 | 3.0 | 3.1 | 3.3 | 17.2 | 19.3 | 14.2 |
| Pacific | 915.5 | 983.2 | 1,067.8 | 594.6 | 621.2 | 679.1 | 320.9 | 362.1 | 388.8 |
| Washington | 188.6 | 196.3 | 211.3 | 117.1 | 115.7 | 127.4 | 71.4 | 80.6 | 83.9 |
| Oregon | 131.6 | 140.7 | 143.3 | 64.8 | 67.5 | 70.4 | 66.8 | 73.2 | 72.9 |
| California | 595.3 | 646.2 | 713.2 | 412.6 | 438.0 | 481.2 | 182.7 | 208.2 | 231.9 |

[1] United States crop totals include small amounts for sugar beets not distributed by States as follows: 1924–1928 average, $3,507,000; 1928, $3,928,000; 1929, $4,846,000.

## No. 615.—Estimated Gross And Cash Income From Farm Production: By States—Continued

[In millions and tenths of millions of dollars]

| Division and State | Cash income | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Crops and animal products | | | Crops | | | Animal products | | |
| | 1924–1928, avg. | 1928 | 1929 | 1924–1928, avg. | 1928 | 1929 | 1924–1928, avg. | 1928 | 1929 |
| United States[1] | 9,920.7 | 10,055.4 | 10,146.7 | 5,261.4 | 5,090.7 | 5,007.0 | 4,659.3 | 4,964.7 | 5,139.7 |
| New England | 260.9 | 244.7 | 304.4 | 114.9 | 93.7 | 144.9 | 146.0 | 151.0 | 159.5 |
| Maine | 66.0 | 48.3 | 88.6 | 41.6 | 24.0 | 64.0 | 24.4 | 24.3 | 24.6 |
| New Hampshire | 24.8 | 24.2 | 26.7 | 8.0 | 6.6 | 8.2 | 16.8 | 17.6 | 18.6 |
| Vermont | 46.5 | 46.6 | 49.7 | 11.0 | 9.2 | 11.3 | 35.6 | 37.3 | 38.4 |
| Massachusetts | 64.7 | 65.4 | 71.6 | 29.3 | 29.5 | 32.9 | 35.3 | 35.9 | 38.7 |
| Rhode Island | 8.5 | 8.3 | 9.3 | 2.9 | 2.5 | 2.8 | 5.6 | 5.8 | 6.5 |
| Connecticut | 50.4 | 52.0 | 58.4 | 22.1 | 22.0 | 25.7 | 28.4 | 30.0 | 32.7 |
| Middle Atlantic | 713.3 | 717.0 | 766.3 | 295.4 | 260.2 | 281.1 | 417.9 | 456.8 | 485.2 |
| New York | 354.8 | 361.5 | 379.8 | 140.7 | 126.8 | 132.6 | 214.0 | 234.7 | 247.1 |
| New Jersey | 95.9 | 92.8 | 96.3 | 56.5 | 50.4 | 53.5 | 39.4 | 42.4 | 42.8 |
| Pennsylvania | 262.6 | 262.7 | 290.3 | 98.2 | 83.0 | 95.1 | 164.4 | 179.7 | 195.2 |
| East North Central | 1,749.8 | 1,748.8 | 1,802.2 | 594.2 | 531.0 | 554.0 | 1,155.7 | 1,217.8 | 1,248.3 |
| Ohio | 338.1 | 314.3 | 337.0 | 118.1 | 87.5 | 105.7 | 220.0 | 226.8 | 231.3 |
| Indiana | 284.0 | 279.9 | 295.0 | 93.4 | 72.5 | 78.6 | 190.6 | 207.4 | 216.4 |
| Illinois | 526.5 | 530.9 | 524.4 | 223.4 | 229.1 | 213.0 | 303.0 | 301.8 | 311.4 |
| Michigan | 247.9 | 251.6 | 263.7 | 98.6 | 91.4 | 96.9 | 149.3 | 160.3 | 166.7 |
| Wisconsin | 353.4 | 372.1 | 382.1 | 60.6 | 50.5 | 59.7 | 292.8 | 321.6 | 322.4 |
| West North Central | 2,607.3 | 2,621.2 | 2,618.8 | 901.4 | 883.5 | 757.9 | 1,705.8 | 1,737.8 | 1,860.9 |
| Minnesota | 387.7 | 377.2 | 402.7 | 115.5 | 90.4 | 97.4 | 272.1 | 286.8 | 305.3 |
| Iowa | 637.5 | 654.9 | 667.4 | 118.7 | 138.2 | 117.8 | 518.8 | 516.7 | 549.6 |
| Missouri | 337.0 | 334.6 | 338.7 | 97.5 | 84.4 | 83.2 | 239.5 | 250.3 | 255.6 |
| North Dakota | 237.8 | 227.8 | 185.5 | 172.7 | 163.7 | 114.1 | 65.1 | 64.1 | 71.4 |
| South Dakota | 211.7 | 202.8 | 213.3 | 71.0 | 59.7 | 63.1 | 140.6 | 143.1 | 150.2 |
| Nebraska | 390.8 | 382.9 | 413.5 | 125.5 | 122.2 | 124.1 | 265.3 | 260.7 | 289.4 |
| Kansas | 404.8 | 441.1 | 397.7 | 200.5 | 224.9 | 158.2 | 204.4 | 216.1 | 239.5 |
| South Atlantic | 1,026.9 | 1,005.5 | 1,013.5 | 825.4 | 783.3 | 796.1 | 201.4 | 222.2 | 217.4 |
| Delaware | 17.7 | 17.5 | 19.9 | 10.6 | 9.5 | 11.5 | 7.1 | 8.0 | 8.4 |
| Maryland | 76.8 | 72.8 | 80.4 | 44.6 | 36.4 | 42.5 | 32.2 | 36.4 | 37.9 |
| Virginia | 150.7 | 146.5 | 156.0 | 103.2 | 93.7 | 102.9 | 47.5 | 52.8 | 53.1 |
| West Virginia | 57.0 | 61.1 | 60.0 | 25.3 | 26.0 | 25.7 | 31.7 | 35.1 | 34.3 |
| North Carolina | 286.1 | 278.8 | 249.4 | 256.4 | 247.2 | 219.1 | 29.7 | 31.7 | 30.3 |
| South Carolina | 132.1 | 116.5 | 121.0 | 121.6 | 106.5 | 111.9 | 10.5 | 10.0 | 9.1 |
| Georgia | 203.0 | 193.3 | 214.4 | 175.7 | 162.0 | 185.0 | 27.3 | 31.3 | 29.4 |
| Florida | 103.5 | 119.0 | 112.4 | 88.0 | 102.1 | 97.6 | 15.5 | 16.9 | 14.8 |
| East South Central | 709.5 | 706.8 | 729.9 | 549.2 | 532.7 | 565.5 | 160.4 | 174.2 | 164.4 |
| Kentucky | 159.6 | 174.8 | 161.4 | 91.6 | 102.2 | 93.1 | 67.9 | 72.6 | 68.3 |
| Tennessee | 158.3 | 160.6 | 162.5 | 107.3 | 104.6 | 108.7 | 51.0 | 56.0 | 53.9 |
| Alabama | 176.6 | 165.1 | 173.7 | 158.3 | 146.6 | 154.7 | 18.4 | 18.4 | 19.0 |
| Mississippi | 215.0 | 206.3 | 232.3 | 191.9 | 179.2 | 209.1 | 23.1 | 27.1 | 23.2 |
| West South Central | 1,371.9 | 1,413.3 | 1,238.6 | 1,108.2 | 1,107.8 | 941.3 | 263.7 | 305.4 | 297.3 |
| Arkansas | 187.3 | 189.2 | 191.5 | 160.7 | 160.4 | 163.9 | 26.6 | 28.7 | 27.6 |
| Louisiana | 140.4 | 139.7 | 149.1 | 124.1 | 124.8 | 134.2 | 16.3 | 14.9 | 14.9 |
| Oklahoma | 299.0 | 298.0 | 255.1 | 227.2 | 208.2 | 165.9 | 71.8 | 89.8 | 89.2 |
| Texas | 745.2 | 786.4 | 642.9 | 596.3 | 614.5 | 477.3 | 148.9 | 172.0 | 165.5 |
| Mountain | 613.7 | 661.9 | 654.5 | 294.4 | 293.0 | 304.0 | 319.3 | 368.8 | 350.5 |
| Montana | 131.5 | 137.6 | 119.5 | 72.0 | 71.9 | 46.9 | 59.5 | 65.8 | 72.6 |
| Idaho | 108.2 | 110.1 | 120.0 | 61.1 | 56.3 | 68.4 | 47.1 | 53.8 | 51.6 |
| Wyoming | 49.1 | 57.0 | 56.6 | 12.3 | 13.3 | 14.7 | 36.8 | 43.7 | 41.9 |
| Colorado | 144.1 | 145.6 | 160.5 | 74.6 | 67.1 | 80.8 | 69.5 | 78.4 | 79.7 |
| New Mexico | 50.9 | 59.0 | 60.9 | 18.6 | 19.7 | 26.3 | 32.3 | 39.3 | 34.6 |
| Arizona | 53.5 | 69.0 | 60.2 | 29.3 | 38.2 | 41.5 | 24.2 | 30.8 | 18.8 |
| Utah | 57.5 | 62.5 | 60.5 | 23.8 | 23.6 | 22.3 | 33.8 | 38.9 | 38.2 |
| Nevada | 19.0 | 21.1 | 16.3 | 2.8 | 3.0 | 3.1 | 16.2 | 18.1 | 13.2 |
| Pacific | 863.8 | 932.3 | 1,013.6 | 574.7 | 601.6 | 657.4 | 289.1 | 330.7 | 356.2 |
| Washington | 171.3 | 179.1 | 192.9 | 109.8 | 108.4 | 119.3 | 61.4 | 70.6 | 73.6 |
| Oregon | 118.0 | 127.2 | 129.2 | 59.0 | 61.6 | 64.4 | 59.0 | 65.6 | 64.8 |
| California | 574.5 | 626.0 | 691.6 | 405.8 | 431.5 | 473.7 | 168.6 | 194.5 | 217.8 |

[1]United States crop totals include small amounts for sugar beets not distributed by States as follows: 1924–1928 average, $3,507,000; 1928, $3,928,000; 1929, $4,846,000.

Source: Bureau of Agricultural Economics, Department of Agriculture.

## No. 616.—INDEX NUMBERS OF FARM PRICES AND WHOLESALE PRICES OF AGRICULTURAL PRODUCTS, BY GROUPS

[1923-1925=100]

| Yearly average or year and month | Farm prices, 30 commodities | | | | | | | Wholesale prices | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Farm products | Grains | Fruits and vegetables | Meat animals | Dairy products | Poultry products | Cotton and cottonseed | Farm products | Grains | Livestock and poultry | Other farm products |
| 1910-1914 | 72 | 75 | 71 | 86 | 71 | 66 | 48 | 69.4 | [1]72.4 | [1]86.6 | [1]59.8 |
| 1915-1920 | 121 | 144 | 120 | 138 | 100 | 109 | 93 | 120.1 | 144.4 | 134.0 | 102.6 |
| 1921-1925 | 94 | 92 | 103 | 97 | 100 | 100 | 86 | 95.4 | 94.0 | 97.9 | 94.3 |
| 1926-1930 | 95 | 92 | 112 | 123 | 96 | 97 | 65 | 97.0 | 94.6 | 117.1 | 87.3 |
| 1921 | 83 | 84 | 106 | 92 | 106 | 107 | 50 | 86.0 | 87.1 | 91.7 | 81.5 |
| 1922 | 89 | 79 | 109 | 96 | 96 | 92 | 78 | 91.2 | 83.1 | 97.5 | 89.8 |
| 1923 | 97 | 86 | 97 | 90 | 106 | 96 | 107 | 95.9 | 86.0 | 91.1 | 101.4 |
| 1924 | 96 | 97 | 89 | 92 | 96 | 97 | 105 | 97.3 | 98.3 | 93.0 | 99.2 |
| 1925 | 106 | 117 | 114 | 118 | 98 | 107 | 88 | 106.8 | 115.6 | 115.9 | 99.5 |
| 1926 | 98 | 97 | 135 | 124 | 97 | 103 | 61 | 97.3 | 97.8 | 117.2 | 86.9 |
| 1927 | 94 | 96 | 111 | 118 | 99 | 93 | 64 | 96.7 | 98.6 | 115.9 | 86.2 |
| 1928 | 100 | 98 | 104 | 127 | 100 | 99 | 76 | 103.0 | 104.9 | 123.6 | 91.9 |
| 1929 | 99 | 91 | 97 | 132 | 100 | 105 | 72 | 102.0 | 95.2 | 124.4 | 92.6 |
| 1930 | 84 | 75 | 113 | 114 | 88 | 83 | 51 | 85.9 | 76.5 | 104.6 | 79.1 |
| 1929 | | | | | | | | | | | |
| January-March | 98 | 90 | 79 | 129 | 103 | 102 | 75 | 103.2 | 97.3 | 123.0 | 95.0 |
| April-June | 98 | 86 | 83 | 139 | 99 | 89 | 74 | 100.6 | 89.1 | 131.2 | 88.6 |
| July-September | 102 | 96 | 108 | 138 | 98 | 101 | 73 | 104.2 | 98.8 | 130.6 | 92.3 |
| October-December | 99 | 91 | 117 | 124 | 101 | 129 | 67 | 99.5 | 95.0 | 112.2 | 94.2 |
| December | 97 | 89 | 116 | 121 | 100 | 135 | 65 | 99.1 | 95.3 | 110.9 | 94.0 |
| 1930 | | | | | | | | | | | |
| January-March | 94 | 85 | 120 | 126 | 93 | 99 | 60 | 95.2 | 86.8 | 117.8 | 86.3 |
| April-June | 89 | 81 | 137 | 121 | 87 | 73 | 59 | 90.1 | 79.8 | 108.9 | 83.4 |
| July-September | 79 | 73 | 112 | 106 | 85 | 74 | 46 | 82.1 | 75.4 | 99.4 | 75.3 |
| October-December | 73 | 63 | 83 | 100 | 87 | 89 | 38 | 76.9 | 65.2 | 92.4 | 72.4 |
| December | 70 | 60 | 77 | 95 | 84 | 84 | 36 | 73.2 | 62.6 | 89.4 | 67.9 |

[1] 2-year average, 1913 and 1914.

## No. 617.—INDEX NUMBERS OF PRICES RECEIVED AND PAID BY FARMERS AND OF WHOLESALE PRICES

[1923-1925=100]

| Yearly average or year and month | Prices received for farm products | Prices paid by farmers for commodities bought [1] | | | Wages paid to hired farm labor | Wholesale prices | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Total | For living | For production | | All commodities | Farm products | Foods | Other commodities |
| 1910-1914 | 72 | 65 | 61 | 69 | 60 | 68 | 69 | 68 | [2]67 |
| 1915-1920 | 121 | 104 | 102 | 106 | 98 | 115 | 120 | 111 | 112 |
| 1921-1925 | 94 | 100 | 100 | 99 | 95 | 99 | 95 | 98 | 101 |
| 1926-1930 | 95 | 99 | 98 | 99 | 100 | 95 | 97 | 103 | 91 |
| 1921 | 83 | 101 | 101 | 98 | 90 | 97 | 86 | 96 | 103 |
| 1922 | 89 | 98 | 98 | 97 | 87 | 96 | 91 | 93 | 100 |
| 1923 | 97 | 99 | 99 | 98 | 99 | 100 | 96 | 98 | 102 |
| 1924 | 96 | 99 | 99 | 99 | 99 | 97 | 97 | 96 | 98 |
| 1925 | 106 | 103 | 101 | 103 | 101 | 103 | 107 | 106 | 100 |
| 1926 | 98 | 101 | 101 | 99 | 102 | 99 | 97 | 106 | 98 |
| 1927 | 94 | 99 | 99 | 99 | 102 | 95 | 97 | 102 | 92 |
| 1928 | 100 | 101 | 99 | 101 | 101 | 97 | 103 | 107 | 92 |
| 1929 | 99 | 100 | 98 | 101 | 102 | 96 | 102 | 105 | 91 |
| 1930 | 84 | 94 | 93 | 97 | 91 | 86 | 86 | 95 | 83 |
| 1929 | | | | | | | | | |
| March | 101 | 101 | 99 | 102 | [3]100 | 97 | 104 | 104 | 91 |
| June | 97 | 100 | 98 | 101 | [3]104 | 96 | 101 | 105 | 91 |
| September | 101 | 100 | 99 | 101 | [3]104 | 97 | 104 | 109 | 91 |
| December | 97 | 99 | 98 | 100 | [3]95 | 94 | 99 | 104 | 89 |
| 1930 | | | | | | | | | |
| March | 91 | 97 | 96 | 97 | [3]97 | 90 | 92 | 99 | 87 |
| June | 88 | 96 | 95 | 97 | [3]96 | 86 | 87 | 96 | 84 |
| September | 80 | 94 | 91 | 97 | [3]90 | 84 | 83 | 94 | 81 |
| December | 70 | 90 | 88 | 93 | [3]77 | 78 | 73 | 87 | 77 |

[1] Annual indexes are based on retail prices paid by farmers, reported quarterly.
[2] Average for 1913 and 1914.
[3] Wages are for April, July, and October, 1929, and January, 1930.

Source of Tables 616 and 617: Computed from data of Departments of Agriculture and Labor.

## No. 618.—FOREIGN TRADE IN AGRICULTURAL AND FOREST PRODUCTS: YEARS ENDED JUNE 30

[All figures, except percentages, in thousands of dollars]

| Yearly average or year ended June 30— | Agricultural exports [1] | | | Agricultural imports [1] | | Forest products [2] | | |
|---|---|---|---|---|---|---|---|---|
| | United States products | | Foreign products (reexports) | Total | Per cent of all imports | Exports | | Imports |
| | Total | Per cent of all exports [3] | | | | United States products | Foreign products (reexports) | |
| 1857–1861 | 215,709 | 81.1 | 10,372 | 122,055 | 38.5 | 9,995 | 764 | 5,905 |
| 1862–1866 | 148,866 | 75.7 | 9,272 | 123,539 | 43.4 | 7,366 | 714 | 7,194 |
| 1867–1871 | 250,713 | 76.9 | 8,785 | 182,762 | 43.0 | 11,775 | 443 | 11,825 |
| 1872–1876 | 396,666 | 78.5 | 9,177 | 268,481 | 47.4 | 17,907 | 635 | 14,403 |
| 1877–1881 | 591,351 | 80.4 | 8,745 | 273,780 | 51.8 | 17,579 | 439 | 14,610 |
| 1882–1886 | 557,473 | 76.3 | 9,803 | 324,606 | 48.8 | 24,705 | 955 | 21,354 |
| 1887–1891 | 573,287 | 74.7 | 7,274 | 381,971 | 50.3 | 26,061 | 1,152 | 24,630 |
| 1892–1896 | 638,748 | 73.0 | 9,420 | 416,042 | 53.9 | 29,276 | 734 | 27,448 |
| 1897–1901 | 827,566 | 65.9 | 13,009 | 404,335 | 53.9 | 45,961 | 1,236 | 25,172 |
| 1902–1906 | 879,541 | 59.5 | 14,554 | 528,165 | 50.2 | 63,585 | 1,219 | 40,960 |
| 1907–1911 | 975,399 | 53.9 | 16,812 | 707,997 | 50.4 | 88,764 | 1,803 | 65,822 |
| 1912–1916 | 1,256,452 | 45.1 | 28,070 | 1,030,602 | 55.8 | 92,129 | 1,768 | 81,467 |
| 1917–1921 | 2,859,558 | 42.7 | 82,829 | 2,165,276 | 61.5 | 120,260 | 3,596 | 168,932 |
| 1922–1926 | 1,950,850 | 45.9 | 58,806 | 1,982,253 | 53.5 | 141,078 | 1,715 | 214,824 |
| 1910 | 871,158 | 50.9 | 22,162 | 794,370 | 51.0 | 85,030 | 2,110 | 75,010 |
| 1911 | 1,030,794 | 51.2 | 20,573 | 773,116 | 50.6 | 103,039 | 1,679 | 71,736 |
| 1912 | 1,050,627 | 48.4 | 17,171 | 888,405 | 53.7 | 108,122 | 1,350 | 69,581 |
| 1913 | 1,123,652 | 46.3 | 19,652 | 916,634 | 50.6 | 124,836 | 2,809 | 82,878 |
| 1914 | 1,113,974 | 47.8 | 20,286 | 1,000,409 | 52.8 | 106,979 | 1,961 | 81,162 |
| 1915 | 1,475,938 | 54.3 | 38,222 | 997,911 | 59.6 | 52,554 | 1,287 | 79,451 |
| 1916 | 1,518,071 | 35.5 | 45,017 | 1,349,563 | 61.4 | 68,155 | 1,435 | 94,265 |
| 1917 | 1,968,253 | 31.6 | 45,420 | 1,599,660 | 60.2 | 68,919 | 3,392 | 129,580 |
| 1918 | 2,280,466 | 39.1 | 44,210 | 1,826,436 | 62.0 | 87,181 | 1,409 | 128,490 |
| 1919 | 3,579,918 | 50.6 | 105,587 | 1,930,028 | 62.3 | 113,275 | 3,758 | 132,588 |
| 1920 | 3,861,511 | 48.6 | 128,101 | 3,410,018 | 65.1 | 190,049 | 5,380 | 229,001 |
| 1921 | 2,607,641 | 40.8 | 90,739 | 2,060,237 | 56.4 | 141,876 | 4,043 | 225,162 |
| 1922 | 1,915,866 | 51.8 | 43,589 | 1,371,720 | 52.6 | 94,115 | 2,315 | 156,843 |
| 1923 | 1,799,168 | 46.3 | 48,393 | 2,077,240 | 54.9 | 129,981 | 1,955 | 234,598 |
| 1924 | 1,867,098 | 44.2 | 62,719 | 1,875,365 | 52.8 | 162,374 | 1,563 | 216,712 |
| 1925 | 2,280,381 | 47.7 | 64,168 | 2,057,163 | 53.8 | 156,187 | 1,290 | 227,423 |
| 1926 | 1,891,739 | 40.7 | 75,162 | 2,529,775 | 56.7 | 162,731 | 1,450 | 238,545 |
| 1927 | 1,907,864 | 39.2 | 72,222 | 2,281,421 | 53.7 | 171,970 | 1,365 | 233,247 |
| 1928 | 1,815,451 | 38.0 | 73,391 | 2,193,868 | 52.9 | 174,599 | 1,528 | 215,874 |
| 1929 | 1,847,216 | 35.0 | 63,942 | 2,179,046 | 50.8 | 178,092 | 2,157 | 222,249 |
| 1930 [4] | 1,495,164 | 32.4 | 50,660 | 1,891,836 | 49.2 | 162,405 | 1,382 | 209,715 |

[1] Does not include forest products, but includes crude rubber and similar gums.
[2] Exports of foreign products exclude crude rubber and similar gums.
[3] Based on total exports of United States merchandise.
[4] Preliminary.

Source: Bureau of Agricultural Economics, Department of Agriculture, and Bureau of Foreign and Domestic Commerce and predecessor organizations.

## No. 619.—VALUE OF AGRICULTURAL EXPORTS: BY MAJOR GROUPS

NOTE.—In millions and tenths of millions of dollars. Excludes reexports of foreign products

| Yearly average or year (calendar) | Total agricultural exports | Animals and products, edible | Dairy products and eggs | Grains and preparations | Vegetables, fruits, and nuts | Miscellaneous animal and vegetable products | Cotton | Tobacco |
|---|---|---|---|---|---|---|---|---|
| 1910–1914 (fiscal) | 1,035.7 | 151.8 | 6.3 | 147.3 | 35.0 | 98.7 | 551.9 | 44.8 |
| 1920 | 3,452.3 | 472.8 | 96.7 | 1,085.9 | 117.9 | 296.9 | 1,136.4 | 245.5 |
| 1921 | 2,114.9 | 309.1 | 56.3 | 758.4 | 90.4 | 161.4 | 534.2 | 205.1 |
| 1922 | 1,884.4 | 262.2 | 34.9 | 516.0 | 93.6 | 158.1 | 673.3 | 146.5 |
| 1923 | 1,820.5 | 309.6 | 36.4 | 311.4 | 87.7 | 115.0 | 807.1 | 153.4 |
| 1924 | 2,110.1 | 275.5 | 35.7 | 433.8 | 117.1 | 133.3 | 950.6 | 164.1 |
| 1925 | 2,136.2 | 271.3 | 31.1 | 351.8 | 121.1 | 147.3 | 1,059.8 | 153.8 |
| 1926 | 1,816.7 | 238.2 | 26.8 | 355.7 | 132.6 | 112.1 | 814.4 | 136.9 |
| 1927 | 1,884.6 | 182.6 | 25.3 | 443.8 | 143.6 | 123.4 | 826.3 | 139.7 |
| 1928 | 1,863.1 | 182.9 | 24.7 | 315.7 | 152.0 | 113.3 | 920.0 | 154.5 |
| 1929 | 1,692.9 | 198.7 | 22.1 | 286.4 | 162.8 | 106.1 | 770.8 | 146.1 |
| 1930 | 1,200.7 | 150.2 | 19.5 | 191.3 | 130.4 | 66.9 | 496.7 | 145.6 |

Source: Bureau of Foreign and Domestic Commerce, Department of Commerce.

## No. 620.—VALUE OF EXPORTS OF PRINCIPAL AGRICULTURAL PRODUCTS OR GROUPS OF PRODUCTS

NOTE.—**In millions and tenths of millions of dollars.** Data except as stated are for calendar years and exclude reexports of foreign products

| Products | 1910–1914 (fiscal) | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 |
|---|---|---|---|---|---|---|---|---|---|
| Grand total | 1,035.7 | 1,820.5 | 2,110.1 | 2,136.2 | 1,816.7 | 1,884.6 | 1,863.1 | 1,692.9 | 1,200.7 |
| Live animals | 13.0 | 6.3 | 6.1 | 8.5 | 5.5 | 6.7 | 6.5 | 5.8 | 4.2 |
| Meats | 62.7 | 149.4 | 113.4 | 117.9 | 98.7 | 64.2 | 60.9 | 72.5 | 60.7 |
| Eggs and dairy products | 6.3 | 36.4 | 35.7 | 31.1 | 26.8 | 25.3 | 24.7 | 22.1 | 19.5 |
| Animal fats and oils | 83.8 | 158.5 | 159.0 | 150.3 | 136.2 | 116.8 | 119.4 | 124.1 | 87.9 |
| Hides and skins | 3.2 | 4.9 | 12.8 | 12.0 | 10.8 | 11.5 | 11.1 | 6.8 | 4.9 |
| Bread grains [1] | 107.6 | 236.1 | 371.5 | 275.2 | 300.5 | 367.9 | 214.5 | 199.3 | 160.4 |
| Coarse grains | 36.8 | 61.1 | 54.5 | 72.7 | 50.0 | 63.8 | 87.6 | 72.5 | 21.0 |
| Rice | .6 | 12.9 | 7.0 | 3.3 | 4.9 | 11.8 | 13.2 | 14.1 | 9.7 |
| Fodders and feeds | 28.1 | 21.7 | 29.4 | 33.8 | 28.2 | 32.9 | 30.9 | 32.7 | 11.1 |
| Vegetables | 5.8 | 16.4 | 16.8 | 16.2 | 17.8 | 18.7 | 18.9 | 21.4 | 16.6 |
| Fruits | 29.4 | 67.5 | 96.5 | 100.7 | 110.3 | 120.1 | 127.8 | 136.0 | 109.7 |
| Vegetable oils, expressed, oilseeds, and nuts | 21.2 | 11.9 | 10.9 | 14.1 | 11.0 | 13.4 | 12.7 | 10.3 | 9.0 |
| Coffee and substitutes | 7.3 | 5.7 | 7.5 | 8.0 | 9.2 | 6.3 | 3.5 | 2.9 | 2.8 |
| Sugar and related products | 9.5 | 36.1 | 32.8 | 36.1 | 14.6 | 17.3 | 16.0 | 13.3 | 8.4 |
| Seeds, except oilseeds | 2.6 | 3.3 | 3.3 | 3.5 | 4.0 | 3.6 | 2.7 | 3.3 | 3.8 |
| Tobacco | 44.8 | 153.4 | 164.1 | 153.8 | 136.9 | 139.7 | 154.5 | 146.1 | 145.6 |
| Cotton | 551.9 | 807.1 | 950.6 | 1,059.8 | 814.4 | 826.3 | 920.0 | 770.8 | 496.7 |
| Wool and hair | 1.3 | 1.5 | 1.9 | 2.4 | 2.0 | 2.7 | 2.5 | 2.4 | 1.8 |
| All other | 19.9 | 30.3 | 36.3 | 36.8 | 34.9 | 35.9 | 35.5 | 36.6 | 26.7 |

[1] Includes wheat and rye; also flour and flour products.

## No. 621.—AGRICULTURAL EXPORT INDEXES: QUANTITY AND VALUE

| Yearly average or year | Agricultural exports, other than cotton and tobacco | | | Cotton | | | Tobacco | | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | Unit Value | Value | Quantity | Unit Value | Value | Quantity | Unit Value | Value |
| 1910–1914 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1921 | 218 | 144 | 313 | 75 | 129 | 97 | 133 | 345 | 458 |
| 1922 | 195 | 125 | 242 | 71 | 173 | 122 | 111 | 295 | 327 |
| 1923 | 155 | 127 | 196 | 62 | 237 | 146 | 123 | 279 | 343 |
| 1924 | 169 | 134 | 227 | 78 | 222 | 172 | 147 | 249 | 366 |
| 1925 | 134 | 157 | 210 | 98 | 196 | 192 | 135 | 255 | 343 |
| 1926 | 137 | 144 | 197 | 105 | 141 | 148 | 136 | 226 | 306 |
| 1927 | 151 | 138 | 209 | 108 | 139 | 150 | 143 | 219 | 312 |
| 1928 | 136 | 132 | 180 | 102 | 164 | 167 | 184 | 188 | 345 |
| 1929 | 136 | 130 | 177 | 88 | 159 | 140 | 177 | 185 | 326 |
| 1930 | 108 | 118 | 127 | 77 | 117 | 90 | 177 | 184 | 325 |

## No. 622.—AGRICULTURAL EXPORT INDEXES: BY GROUPS OF PRODUCTS

| Group | Relative numbers, 1930, as compared with 1929 as 100 | | | Relative numbers, 1930, as compared with 1910–1914 as 100 (direct comparison) | | |
|---|---|---|---|---|---|---|
| | Quantity | Unit Value | Value | Quantity | Unit Value | Value |
| Total agricultural exports other than cotton and tobacco | 79 | 91 | 72 | 108 | 118 | 127 |
| Animal products, edible | 82 | 92 | 76 | 83 | 119 | 99 |
| Dairy products and eggs | 96 | 92 | 88 | 214 | 145 | 310 |
| Grains and preparations | 77 | 87 | 67 | 115 | 113 | 130 |
| Vegetables, fruits, and nuts | 83 | 96 | 80 | 281 | 133 | 373 |
| Cotton | 87 | 74 | 64 | 79 | 114 | 90 |
| Tobacco | 100 | 100 | 100 | (1) | (1) | (1) |

[1] Not computed.

Source of Tables 620, 621, and 622: Bureau of Foreign and Domestic Commerce, Department of Commerce.