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, Puerto 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. 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 456, p. 400.

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

No. 484.—IMPORTS AND EXPORTS OF ALASKA

NOTE.—In 1932 Alaska shipped domestic silver valued at $66,643 and foreign gold valued at $633,765 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, 228	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
1931	22, 489, 895	546, 598	23, 036, 493	43, 276, 364	314, 908	43, 591, 272	8, 928, 795
1932	19, 573, 105	302, 451	19, 875, 556	30, 183, 355	235, 528	30, 418, 883	9, 261, 486

[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. 485.—IMPORTS AND EXPORTS OF PUERTO 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	97,590,929	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	75,979,914	11,728,596	87,708,510	78,126,574	5,117,801	83,244,375
1930	74,219,219	10,318,649	84,537,868	99,880,061	4,068,810	103,948,871
1931	60,636,751	7,874,291	68,511,042	87,911,706	3,172,479	91,084,185
1932	48,780,141	7,256,335	56,036,476	74,290,250	2,127,827	76,418,077

No. 486.—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	195,820,884
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	92,703,456	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
1931	79,092,457	7,864,409	86,956,866	101,548,555	1,189,280	102,737,835
1932	58,578,449	5,051,628	63,630,077	82,688,205	760,091	83,448,296

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

Source of Tables 485 and 486: Bureau of Foreign and Domestic Commerce.

No. 487.—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	149,438,283	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
1931	62,139,683	37,039,036	99,178,719	83,422,397	20,549,677	103,972,074
1932	51,297,750	28,097,335	79,395,085	82,647,867	12,690,214	95,338,081

[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. 488.—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	.....	198,496
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	196,903	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)
1931	103,659	79,788	183,447	60,287	(1)	(1)
1932	99,064	58,536	157,600	29,077	(1)	(1)

[1] Not available.

Source: Returns to the Navy Department.

No. 489.—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 [1]	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	67, 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)
1931	1, 236, 568	(2)	(2)	408, 932	(2)	(2)
1932	918, 851	(2)	(2)	405, 163	(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. 490.—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, 335
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, 960
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
1931	300, 728	278, 559	579, 287	37, 800	44, 110	81, 910
1932	213, 957	242, 904	456, 861	9, 129	40, 555	49, 684

Source: Returns to the Navy Department.

No. 491.—SHIPMENTS OF PRINCIPAL PRODUCTS TO THE UNITED STATES FROM ALASKA, HAWAII, PUERTO RICO, AND THE PHILIPPINE ISLANDS

NOTE.—Totals include items not shown separately. For gold shipments from Alaska see table 484

Territory and product	Quantity			Value (thousands of dollars)			
	1930	1931	1932	1929	1930	1931	1932
ALASKA							
Animals ... number	1,774	726	124	157	146	23	4
Reindeer meat ... 1,000 lbs	1,566	1,016	247	141	158	100	25
Fish ... do	274,106	304,414	298,872	44,299	34,950	35,415	25,464
Halibut, fresh and frozen ... do	11,580	13,634	7,937	1,909	1,402	1,463	657
Salmon, fresh and frozen ... do	6,350	7,697	7,538	818	757	825	544
Canned salmon ... do	239,208	267,292	259,166	38,568	30,084	31,161	22,145
Cured or preserved fish ... do	15,478	14,006	21,895	2,487	2,207	1,415	1,445
Shellfish ... do	1,409	1,785	2,336	467	441	551	673
Other fish products:							
Meal ... tons[1]	11,208	7,007	8,773	829	676	344	268
Oil ... 1,000 galls	3,608	2,129	2,559	1,380	979	379	308
Furs and fur skins ... number	464,110	637,346	567,786	5,237	3,147	2,811	1,702
Whale oil ... 1,000 galls	982	----------	767	8,698	409	----------	116
Stone, including marble ... tons[1]	200,847	149,148	87,645	110	106	75	141
Wood, timber, and lumber ... M ft	5,120	1,984	567	140	178	35	21
Copper (ore, matte, regulus) ... 1,000 lbs	37,775	22,055	10,807	8,698	5,431	2,080	723
Lead (ore, matte, regulus) ... do	2,390	3,432	2,545	178	140	151	81
Total Alaskan products	----------	----------	----------	61,764	46,467	41,540	28,976
Articles produced in U. S. returned	----------	----------	----------	1,585	1,510	1,601	1,103
Total foreign merchandise	----------	----------	----------	219	1,020	135	104
Total, all merchandise	----------	----------	----------	**63,568**	**48,997**	**43,276**	**30,183**
HAWAII							
Coffee ... 1,000 lbs	5,887	6,637	7,760	1,323	1,093	1,067	926
Fruits	----------	----------	----------	38,694	37,890	35,463	20,680
Bananas ... bunches	119,603	123,997	90,514	201	118	122	88
Pineapples (canned) ... 1,000 lbs	423,170	484,276	388,069	38,431	37,728	35,341	20,592
Hides and skins ... do	1,474	1,568	1,401	164	146	95	53
Honey ... do	868	1,751	1,653	100	44	51	50
Molasses ... 1,000 galls	30,059	14,341	11,167	1,016	1,330	532	318
Sugar:							
Unrefined ... 1,000 lbs	1,697,389	1,915,791	1,993,226	60,874	53,619	59,825	55,600
Refined ... do	34,145	20,138	48,641	1,041	1,615	940	1,988
Total Hawaiian products	----------	----------	----------	103,797	96,519	98,882	80,494
Articles produced in U. S. returned	----------	----------	----------	2,475	2,349	2,554	2,168
Total foreign merchandise	----------	----------	----------	42	55	113	26
Total, all merchandise	----------	----------	----------	**106,313**	**98,924**	**101,549**	**82,688**
PUERTO RICO							
Cotton and manufactures	----------	----------	----------	14,773	13,117	12,443	9,561
Handkerchiefs ... 1,000 doz	855	1,298	1,865	1,206	690	985	1,267
Wearing apparel ... do	1,515	1,570	1,382	13,087	11,645	10,400	7,343
Linen manufactures	----------	----------	----------	61	202	234	539
Silk dresses and underwear[2] ... doz	----------	----------	86,785	517	384	703	1,341
Fruits	----------	----------	----------	3,861	6,792	5,447	2,948
Grapefruit, fresh ... boxes	780,254	807,994	284,060	1,418	2,847	2,399	863
Oranges, fresh ... do	226,553	61,373	19,235	175	644	156	48
Pineapples, fresh ... crates	501,476	710,648	576,489	1,807	1,761	2,260	1,764
Grapefruit, canned, etc ... 1,000 lbs	13,223	6,446	3,649	160	1,103	472	246
Pineapples, canned, etc ... do	4,826	2,580	606	263	369	160	27
Coconuts ... thousands	7,681	11,092	10,495	124	242	281	215
Hides and skins ... 1,000 lbs	1,150	907	930	160	116	71	52
Honey ... do	1,129	870	886	45	60	31	28
Manganese ore ... tons[1]	2,536	2,374	2,302	84	85	87	66
Alcohol ... galls	948,692	840,480	1,010,887	431	378	207	313
Sugar and molasses:							
Sugar ... 1,000 lbs	1,618,464	1,515,330	1,788,890	36,494	57,391	51,887	51,864
Molasses ... 1,000 galls	22,480	29,856	23,332	838	1,789	1,084	708
Tobacco:							
Leaf:							
Unstemmed ... 1,000 lbs	396	126	10	1,046	233	26	3
Stemmed ... do	18,797	16,439	5,689	11,393	11,319	8,970	2,679
Stems, scraps, etc ... do	5,755	5,335	4,252	1,618	1,200	1,073	794
Cigars and cheroots ... thousands	157,877	162,208	76,266	3,219	3,944	3,230	1,668
Cigarettes ... do	17,767	11,670	4,431	40	95	59	22
Total Puerto Rican products	----------	----------	----------	76,002	98,581	86,922	73,594
Articles produced in U. S. returned	----------	----------	----------	2,049	1,086	970	653
Total foreign merchandise	----------	----------	----------	75	213	20	43
Total, all merchandise	----------	----------	----------	**78,127**	**99,880**	**87,912**	**74,290**

[1] Of 2,240 pounds.

[2] Silk manufactures 1929 through 1931.

No. 491.—Shipments of Principal Products to the United States from Alaska, Hawaii, Puerto Rico, and the Philippine Islands—Continued

Territory and product	Quantity			Value (thousands of dollars)			
	1930	1931	1932	1929	1930	1931	1932
PHILIPPINE ISLANDS [3]							
Sugar ... 1,000 lbs	1,587,457	1,635,336	2,080,837	49,692	51,398	49,899	57,122
Oil cake and meal (coconut) ... do	32,565	13,371	7,495	377	380	111	61
Coconut meat prepared ... do	45,343	37,133	36,303	3,395	3,277	1,936	1,595
Copra ... do	336,555	267,471	198,526	13,154	12,493	6,574	3,431
Coconut oil ... do	317,919	325,175	249,117	29,552	19,901	15,272	7,619
Unmanufactured tobacco ... do	4,680	4,144	3,560	443	528	554	433
Cigars and cheroots ... do	1,901	2,056	2,192	3,341	2,997	3,105	3,066
Cotton wearing apparel				4,605	3,106	2,044	2,660
Cordage ... 1,000 lbs	7,514	5,380	4,942	951	961	547	445
Manila fiber ... tons [1]	61,833	30,461	25,552	13,330	8,512	2,910	1,606
Hats of straw, etc. ... thousands	577	351	399	2,019	873	449	336
Sawed cabinet woods ... m. bd. ft	28,068	17,965	6,936	1,582	1,367	866	256
Articles produced in U. S. returned				366	490	374	361
Total, all merchandise				125,792	109,390	87,133	80,877

[1] Of 2,240 pounds. [3] Data represent shipments to the United States customs area.

Source: Bureau of Foreign and Domestic Commerce.

No. 492.—SHIPMENTS OF MERCHANDISE FROM THE UNITED STATES TO ALASKA, HAWAII, PUERTO RICO, AND THE PHILIPPINE ISLANDS: Values

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

Commodity group or item	Alaska		Hawaii		Puerto Rico		Philippine Islands [1]	
	1931	1932	1931	1932	1931	1932	1931	1932
Total merchandise	22,490	19,573	79,092	38,578	60,637	48,780	48,805	44,870
Animals and Animal Products	3,200	2,321	6,929	5,791	9,104	7,687	4,942	3,573
Meat products	1,333	933	2,434	2,128	2,851	2,506	303	313
Eggs	410	319	506	429	38	71	2	5
Milk, condensed, evaporated, etc	368	277	771	573	475	384	2,715	1,712
Butter and cheese	535	411	857	724	555	437	100	65
Fish	85	60	834	673	360	329	817	547
Animal fats and oils, edible	66	48	120	94	2,281	1,630	27	14
Boots and shoes	136	102	806	605	2,178	2,037	168	135
Other leather manufactures	31	21	239	215	150	125	93	204
Vegetable Food Products and Beverages	3,240	2,695	11,178	9,112	13,263	10,663	4,822	3,628
Grains and preparations	562	476	4,469	3,234	9,082	6,826	2,738	1,884
Rice	56	38	3,189	2,107	6,610	4,787	1	6
Wheat flour	232	224	678	618	1,565	1,230	2,540	1,718
Biscuits and crackers	128	94	96	106	412	366	98	91
Vegetables	632	538	1,608	1,434	2,343	2,140	496	388
Potatoes	106	91	203	179	457	388	8	10
Canned vegetables	204	240	456	408	158	178	209	160
Fruits	631	472	1,278	1,161	295	247	725	555
Oranges	83	62	376	391			218	145
Apples	76	53	186	141	43	39	147	127
Canned and preserved fruits	248	174	310	270	129	93	109	92
Coffee	288	249	148	152	88	188	247	262
Sugar	315	289	158	78	6	6	53	22
Confectionery	248	188	539	515	239	206	148	180
Beverages and fruit juices	152	120	284	226	279	274	40	37
Vegetable Products, Inedible, Except Fibers and Wood	1,100	935	5,010	4,313	4,691	3,806	4,427	3,645
Rubber manufactures	248	197	1,733	1,275	871	716	1,565	974
Boots and shoes [2]	112	94	72	29	187	155	142	10
Automobile tires:								
Casings	34	25	1,158	932	425	373	945	634
Inner tubes	6	4	126	88	42	34	103	63
Belting, hose, and packing	75	60	130	80	55	35	166	104
Tobacco:								
Leaf					1,317	608	291	412
Cigars and cheroots	130	92	207	175	2	5		
Cigarettes	441	386	2,151	2,071	2,240	2,254	1,862	1,672
Smoking	154	157	529	462	2	3	22	20

[1] Data represent shipments from the United States customs area.
[2] Includes canvas shoes with rubber soles.

No. 492.—Shipments of Merchandise from the United States to Alaska, Hawaii, Puerto Rico, and the Philippine Islands: Values—Con.

[Values in thousands of dollars]

Commodity group or item	Alaska		Hawaii		Puerto Rico		Philippine Islands[1]	
	1931	1932	1931	1932	1931	1932	1931	1932
Textiles	1,689	1,223	6,001	4,656	12,913	10,004	8,719	11,517
Sewing, crochet, and embroidery cotton	5	3	123	100	179	161	576	519
Cotton cloth	66	35	1,170	885	6,002	5,043	5,666	8,438
Cotton wearing apparel	327	223	1,093	881	1,936	1,650	211	160
Bags of jute	39	32	173	90	305	177	39	69
Cordage and twine (cotton, jute, and other)	243	148	115	92	170	131	117	70
Wool wearing apparel	213	173	452	302	309	239	21	24
Other wool manufactures	55	37	286	206	99	79	21	27
Silk manufactures	102	64	701	589	343	245	458	597
Wood and Paper	1,188	1,069	5,381	3,664	3,247	2,841	1,697	1,272
Logs and timber	69	38	200	119	140	118	7	7
Boards, planks, and deals	162	129	1,010	791	723	878	46	34
Box shooks	21	21	265	94	352	220	68	2
Wood furniture	98	70	450	342	524	413	23	11
Paper and manufactures	486	512	2,799	1,873	1,243	1,065	1,317	1,100
Nonmetallic Minerals	1,851	1,696	9,393	8,292	2,704	2,218	4,490	4,462
Coal	289	261	57	33	141	47	------	------
Petroleum and products	1,240	1,139	7,320	6,800	1,840	1,528	3,924	4,060
Gasoline	596	548	3,760	4,144	801	677	1,399	1,700
Illuminating oil	72	54	603	531	381	320	712	916
Gas and fuel oil	312	348	1,864	1,195	191	248	824	658
Lubricating oil	218	148	759	635	300	190	749	469
Metals and manufactures, except Machinery and Vehicles	5,233	5,287	11,081	6,477	3,174	2,985	5,678	4,578
Iron and steel	5,034	5,115	9,617	5,444	2,802	2,651	4,862	3,959
Steel bars	42	38	279	235	116	78	110	53
Iron and steel plates	11	12	66	46	18	13	61	31
Galvanized sheets	54	42	246	142	369	586	1,331	1,207
Tin plates	415	607	4,617	1,704	13	21	439	375
Structural forms	55	59	320	441	97	156	160	165
Cast-iron pipe and fittings	15	16	360	188	114	60	321	183
Wire	178	126	330	226	144	124	279	214
Wire nails	46	37	63	67	62	119	195	158
Cutlery	11	8	137	127	97	104	58	37
Tin cans, finished or unfinished	3,344	3,436	24	69	166	59	54	129
Enameled iron and steel	38	31	158	102	133	111	67	37
Stoves, ranges, furnaces	173	137	197	161	26	22	27	25
Tools	70	59	236	190	115	93	187	155
Copper	43	34	436	339	120	164	306	251
Machinery and Vehicles	2,973	2,547	13,482	7,060	4,025	3,006	7,766	6,902
Engines	232	150	331	114	93	11	357	286
Electrical machinery and appliances	661	463	3,453	2,315	958	775	1,748	1,234
Agricultural machinery	65	56	399	322	256	168	334	559
Other machinery	1,429	1,430	4,215	1,611	945	898	2,205	1,623
Motor trucks and busses	91	68	862	298	373	213	833	1,003
Passenger automobiles	196	131	2,907	1,641	844	595	1,447	1,317
Automobile parts and accessories, except tires	104	72	754	552	261	211	575	490
Chemicals and Related Products	965	866	6,087	5,218	5,278	3,717	3,716	2,975
Chemicals	154	159	824	769	453	450	1,446	1,159
Medicinal and pharmaceutical preparations	177	149	484	474	939	849	721	511
Paints, pigments, and varnishes	149	115	821	619	371	367	540	408
Explosives, fuses, etc	327	310	158	92	27	11	156	178
Fertilizers	3	3	2,507	2,039	2,039	891	497	362
Soap	115	103	791	642	1,131	782	592	443
Miscellaneous	1,051	934	4,550	3,975	2,238	1,853	2,547	2,319
Motion-picture films	83	129	155	159	50	45	60	80
Musical instruments	60	35	302	208	117	51	269	92
Toys	31	26	147	109	159	155	44	32
Athletic and sporting goods	21	32	197	154	22	12	119	87
Books, pictures, and other printed matter	263	214	1,209	1,011	311	265	702	809
Household and personal effects	161	118	315	269	203	174	105	85

[1] Data represent shipments from the United States Customs Area.

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 497). Tables 499 to 504 relate to irrigation enterprises of all sorts as reported to the Bureau of the Census.

No. 493.—GOVERNMENT IRRIGATION PROJECTS: CONSOLIDATED FINANCIAL STATEMENT, JUNE 30, 1932

DEBIT SIDE

Construction account, primary projects:			
Cost of irrigation works—			
Original construction	$198,792,308		
Supplemental construction	12,447,462		
Value of works taken over	2,056,940		
Total construction cost		$213,296,710	
Operation and maintenance prior to public notice (net)	2,774,924		
Operation and maintenance deficits and arrearages and penalties on water-right charges funded with construction	6,423,046		
		9,197,969	
		222,494,680	
Less—			
Abandoned works and nonreimbursable cost, etc. (net)	15,440,108		
Construction revenues	6,400,797		
Contributed funds	1,614,553		
Nonreimbursable appropriation (Rio Grande Dam)	1,000,000		
		24,455,458	
Balance repayable			$198,039,221
Yuma auxiliary project: Cost of works less construction revenues			891,866
Secondary projects and general investigations: Cost of surveys and investigations less contributed funds			2,302,234
General office expense undistributed (contra)			9,983
Plant and equipment			590,374
Materials and supplies			351,188
Accounts receivable			157,486,305
Unadjusted debits: Disbursement vouchers in transit			2,785
Cash on hand and in special deposit and in transit			4,046,817
Total debits			363,700,808

CREDIT SIDE

Security for repayment of cost of irrigation works:			
Contracted construction repayments		$198,300,847	
Yuma auxiliary contracted repayments		604,993	
			$198,905,840
Current accounts payable			1,034,187
Deferred and contingent obligations			915,318
Reserves and undistributed profits			7,043,404
Unadjusted credits: Collection vouchers in transit			25
Undistributed clearing cost accounts			20,716
Operation and maintenance results, surplus			566,063
Government aid for reclamation of arid lands:			
Reclamation fund		153,659,346	
Special funds—			
Increase of compensation		2,797,960	
Judgments, United States Courts		602,814	
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		35,924	
Columbia Basin irrigation project		11,634	
Colorado River levee system		400,000	
Advances to reclamation fund (bond loan) less amount repaid		10,000,000	
Treasury loan (act of Mar. 4, 1931)		5,000,000	
Total		174,233,023	
Less nonreimbursable appropriation, Rio Grande Dam		1,000,000	
		173,233,023	
Less impairment of funds—			
Abandoned construction works and nonreimbursable cost	$2,015,055		
Operation and maintenance cost, uncollectible	453,272		
Charge-offs, act of May 25, 1926	14,465,008		
Washington office cost since Dec. 5, 1924	1,079,781		
Other items	4,651		
		18,017,768	
			155,215,255
Total credits			363,700,808

Source: Bureau of Reclamation, Department of the Interior.

No. 494.—GOVERNMENT IRRIGATION PROJECTS: CONSTRUCTION COST, OTHER REIMBURSABLE COST AND AMOUNT TO BE REPAID BY WATER USERS, TOTALS TO JUNE 30, 1932

State and project	Construction cost	Operation and maintenance cost before public notice (net)	Operation and maintenance deficits and arrearages	Deduction: Construction revenues and contributed funds	Deduction: Abandoned works, nonreimbursable cost, etc.	Total to be repaid by water users
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Total	213,296,710	2,774,924	6,423,046	[1] 9,015,350	15,440,109	198,039,221
Arizona: Salt River	12,744,223	115,994		2,312,097	[2] 382,097	10,166,022
Arizona-California: Yuma	9,374,613	373,756	6,392	223,172		9,531,589
California: Orland	2,399,303	[3] *11,433*		28,200		2,359,670
Colorado:						
Grand Valley	4,860,977	138,621		166,193	[4] 812,375	4,021,031
Uncompahgre	6,422,628	311,103	186,198	24,239	[4] 1,259,752	5,635,937
Idaho:						
Boise	16,002,560	422,283	875,739	422,845	[4] 82,394	16,795,344
King Hill	1,905,919		110,123	28,187	[4] 497,464	1,490,390
Minidoka	14,946,814	320,774	501,790	1,795,343	[4] 2,288	13,971,747
Minidoka-Gooding	4,021,079		10,140	1,319		4,029,900
Kansas: Garden City	342,964	52,868		61,357	[5] 334,475	
Montana:						
Bitter Root	547,641					547,641
Huntley	1,562,303	[3] *1,000*	384,581	18,372	[4] 62,050	1,865,463
Milk River	6,827,871	437,256	100,394	92,814	[4] 1,933,405	5,339,301
Sun River	7,343,853	133,216	102,504	47,400	[4] 89,214	7,442,959
Montana-North Dakota: Lower Yellowstone	3,691,615	[3] *3,396*	905,717	54,786	[4] 382,254	4,156,896
Nebraska-Wyoming: North Platte	19,208,442	743,294	1,506,898	495,308		20,963,327
Nevada: Newlands	7,956,912	[3] *2,155*	34,631	52,348	[4] 4,437,820	3,499,220
New Mexico:						
Carlsbad	1,464,650	[3] *17,752*	1,934	29,030		1,419,802
Hondo	339,492	32,952		656	[5] 371,788	
New Mexico-Texas: Rio Grande	15,004,876	[3] *297,858*		[1] 1,398,882	[4] 326,901	12,981,235
North Dakota:						
Buford-Trenton	223,423	[3] *32*		1,968	[5] 221,424	
Williston	517,630	[3] *165*		95,157	[5] 422,308	
Oregon:						
Baker	280,490			5,003		275,487
Umatilla	5,137,937		230,205	83,364	[4] 888,341	4,396,438
Vale	3,407,676	21,823		5,000		3,424,499
Oregon-California: Klamath	6,137,363	80,000	74,480	453,640	[4] 7,500	5,830,703
Oregon-Idaho: Owyhee	9,876,882			4,355		9,872,528
South Dakota: Belle Fourche	4,508,675	[3] *1,989*	669,943	19,121	[4] 379,032	4,778,477
Utah:						
Salt Lake Basin	2,825,287			45,856		2,779,431
Strawberry Valley	3,507,423	10,744	82,240	258,379		3,342,029
Washington:						
Okanogan	1,451,729	[3] *47,767*	25,194	6,631	[4] 998,327	424,199
Yakima	15,974,259	[3] *64,357*	83,102	383,575	[4] 4,215	15,605,214
Yakima-Kittitas	8,600,620		8,784	4,160		8,605,244
Wyoming:						
Riverton	3,883,997		58,389	17,608		3,924,778
Shoshone	9,904,587	28,143	463,666	378,988	[4] 1,544,686	8,562,722

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

Source: Bureau of Reclamation, Department of the Interior.

No. 495.—GOVERNMENT IRRIGATION PROJECTS: OPERATION AND MAINTENANCE COST, AND RETURNS DURING 1931 (CALENDAR YEAR)

State and project	Operation and maintenance cost	Operation and maintenance returns: Charges contracted	Operation and maintenance returns: Penalties	Operation and maintenance returns: Discounts (contra)	Operation and maintenance returns: Miscellaneous revenues	Other credits [1]	Results: Excess (+) or deficit (−)
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Total	1,734,494	1,330,300	9,839	4,744	109,446	222,128	−67,524
Arizona: Yuma auxiliary	22,939	30,502			1,245		+8,807
Arizona-California: Yuma	288,484	179,217	1,139	575	10,567		−98,136
California: Orland	38,223	38,201	360	984	332		−312
Colorado:							
Grand Valley	44,180	46,875			720		+3,415
Uncompahgre	116,208	[2] *675*			2,733		−114,150

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

No. 495.—Government Irrigation Projects: Operation and Maintenance Cost, and Returns During 1931 (Calendar Year)—Contd.

State and project	Operation and maintenance cost	Operation and maintenance returns				Other credits	Results: Excess (+) or deficit (−)
		Charges contracted	Penalties	Discounts (contra)	Miscellaneous revenues		
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Idaho:							
Boise	25,504	15,110					−10,393
Minidoka	75,027	66,042			12,598	[2] *108*	+3,594
Minidoka-Gooding	22,749	1,087			359		−21,302
Montana:							
Milk River	43,493	47,440		103	416		+4,261
Sun River	2,509	2,619			[2] *115*	[2] *17*	−23
Montana-North Dakota: Lower Yellowstone	56,918	29,056			1,526		−26,336
Nebraska-Wyoming: North Platte	35,419	25,004			2,512		−7,903
New Mexico: Carlsbad	49,119	59,187	1,070	563	376		+10,952
New Mexico-Texas: Rio Grande	373,854	355,412	2,123		16,320		
Oregon: Umatilla	3,411	7,451			30		+4,071
Oregon-California: Klamath	88,997	56,753	3		40,434		+8,194
South Dakota: Belle Fourche	68,948	67,500			3,618		+2,170
Washington:							
Yakima	255,971	246,191	5,143	2,521	6,377	94	−687
Yakima-Kittitas	52,246	54,234				8,784	+10,772
Wyoming:							
Riverton	67,788				9,398	58,389	
Shoshone	2,508	3,092		[2] *2*		154,987	+155,573

[2] Contra.

No. 496.—GOVERNMENT IRRIGATION PROJECTS: Operation and Maintenance Cost, Returns, and Net Result, Totals to December 31, 1931

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	**35,103,339**	**27,859,107**	**488,830**	**365,999**	**1,806,104**	**6,001,808**	**686,512**
Arizona: Yuma auxiliary	332,136	394,625	538	1,107	8,326		+70,246
Arizona-California: Yuma	4,679,496	4,637,890	99,438	58,842	197,083	2,922	+198,995
California: Orland	495,555	526,323	2,204	21,671	3,432		+14,733
Colorado:							
Grand Valley	192,480	206,750			2,762		+17,032
Uncompahgre	1,190,155	1,198,344	11,237	11,603	24,462		+32,285
Idaho:							
Boise	2,814,742	2,124,828	69,769	52,650	111,045	601,070	+39,320
King Hill	156,734	60,711		1,519	343	97,199	
Minidoka	2,263,083	1,866,239	29,463	22,342	127,783	266,497	+4,558
Minnidoka-Gooding	22,749	1,844			359		−20,545
Montana:							
Huntley	1,014,941	557,805	15,712	10,450	11,587	[1] 440,339	+53
Milk River	277,263	202,441		1,662	5,458	100,394	+29,367
Sun River	319,277	161,591	6,360	3,468	29,626	[1] 124,675	−493
Montana-North Dakota: Lower Yellowstone	1,348,915	347,314	3	5	135,751	861,460	−4,392
Nebraska-Wyoming: North Platte	2,803,906	1,839,903	27,304	35,812	33,588	1,043,086	+104,163
Nevada: Newlands	1,453,491	1,188,796	28,661	24,970	26,013	[1] 227,168	−7,823
New Mexico: Carlsbad	912,592	874,469	30,236	17,151	26,147	1,934	+3,043
New Mexico-Texas: Rio Grande	3,454,326	3,382,715	10,720	4,486	65,378		
North Dakota:							
Buford-Trenton	74,781	2,317			10	[1] [2] 72,454	
Williston	904,662	34,043	46		489,755	[1] [2] 380,819	
Oregon: Umatilla	694,931	376,559	7,698	3,314	39,868	[1] 288,216	+14,095
Oregon-California: Klamath	1,284,477	1,175,671	3,621	4,942	158,945	3,712	+52,530
South Dakota: Belle Fourche	1,613,288	884,808	29,196	9,241	29,593	[1] 689,801	+10,869
Utah: Strawberry Valley	437,856	376,881	10,196	11,859	20,400	42,238	
Washington:							
Okanogan	*649,647*	*371,442*	*1,451*	*397*	*70,485*	[1] *206,666*	
Yakima	4,647,350	4,446,934	91,361	57,456	137,114	74,852	+45,456
Yakima-Kittitas	80,783	73,987				8,784	+1,988
Wyoming:							
Riverton	67,788				9,398	53,389	
Shoshone	915,934	543,876	13,615	11,051	41,393	[1] 409,131	+81,029

[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.

[2] Projects abandoned.

Source of Tables 495 and 496: Bureau of Reclamation, Department of the Interior.

No. 497.—GOVERNMENT IRRIGATION PROJECTS: ACREAGE IRRIGABLE, IRRIGATED, AND CROPPED AND VALUE OF CROPS, BY PROJECTS, 1931 [1]

State and project	Lands in projects proper				Other lands served by Government works [2]			
	Irrigable acreage [3]	Irrigated acreage	Cropped acreage	Crop value	Irrigable acreage	Irrigated acreage	Cropped acreage	Crop value
				Dollars				*Dollars*
Grand total	2,027,264	1,552,718	1,520,354	40,554,037	1,588,972	1,293,889	1,251,830	33,406,340
Total with irrigation	2,027,264	1,552,718	1,462,565	40,121,089	1,588,972	1,293,889	1,251,830	33,406,340
Arizona: Salt River	245,897	216,170	208,546	10,355,049	94,000	59,000	59,000	1,700,000
Arizona-California: Yuma	65,718	53,175	50,523	1,462,210				
Valley division	49,638	43,259	41,174	1,202,649	200	182	160	12,475
Reservation division	7,743	3,616	3,589	56,605				
Bard	6,351	5,055	4,874	104,386				
Yuma auxiliary (Mesa)	1,986	1,245	886	98,570				
California: Orland	20,704	13,895	12,738	376,689				
Colorado:								
Grand Valley	30,380	15,834	15,239	378,523	18,400	14,300	13,710	340,000
Uncompahgre	75,654	60,761	60,651	1,345,711	1,650	1,545	1,545	40,170
Idaho:								
Boise	172,311	165,591	153,902	2,375,424	137,370	131,744	128,115	2,179,957
King Hill	8,178	6,982	6,876	151,272				
Minidoka	120,941	105,556	98,784	1,880,971	786,941	673,338	644,767	14,804,130
Gravity division	72,022	60,537	56,745	1,031,002				
Pumping division	48,919	45,019	42,039	849,969				
Montana:								
Bitter Root	15,296	13,972	13,972	259,092				
Huntley	32,540	23,129	23,129	605,018				
Milk River	134,557	43,522	42,690	880,956				
Sun River	59,090	[4] 31,297	35,216	350,435				
Fort Shaw division	13,902	[4] 7,369	7,410	101,794				
Greenfields and Big Coulee division	45,188	[4] 23,928	27,806	248,640				
Montana-North Dakota: Lower Yellowstone	44,942	31,234	31,194	856,213				
Nebraska-Wyoming: North Platte	235,841	218,523	187,657	4,201,927	129,128	112,677	109,030	2,820,973
Pathfinder district	113,098	105,143	90,427	1,629,252				
Gering and Fort Laramie district	55,031	51,180	51,180	1,520,218				
Goshen district	51,542	47,500	34,754	876,110				
Northport district	16,170	14,700	11,296	176,347				
Nevada: Newlands	87,500	42,672	40,203	742,703				
New Mexico: Carlsbad	25,055	24,680	21,930	663,738				
New Mexico-Texas: Rio Grande	155,000	144,290	137,378	4,283,758	75,000	48,280	48,280	841,955
Oregon:								
Vale	7,872	2,131	1,963	55,003				
Umatilla	14,562	11,486	11,143	172,762	781	684	675	12,274
Oregon-California: Klamath	56,852	48,634	47,668	1,248,750	64,514	42,767	37,367	578,963
Main division	41,375	33,824	33,303	825,945				
Tule Lake division	15,477	14,810	14,365	422,805				
South Dakota: Belle Fourche	60,614	[4] 42,126	44,372	685,070				
Utah:								
Salt Lake Basin					77,000	67,000	67,000	2,137,000
Strawberry Valley	43,180	41,185	36,608	837,180	7,017	5,724	5,533	139,170
Washington:								
Okanogan	6,000	3,839	3,302	307,226				
Yakima	204,658	144,513	129,527	4,883,843	196,717	136,421	136,421	7,797,000
Sunnyside division	102,618	86,582	78,640	2,525,622				
Tieton division	30,040	25,800	21,170	1,920,856				
Kittitas division	72,000	32,131	29,717	437,365				
Wyoming:								
Shoshone	71,922	45,621	45,601	740,619				
Garland division	41,649	32,661	32,661	579,603				
Frannie division	20,063	9,473	9,453	136,070				
Willwood division	10,210	3,487	3,487	24,946				
Riverton	32,000	1,900	1,753	20,947	254	227	227	2,273
Total cropped without irrigation			57,789	432,948				
Milk River			2,483	8,367				
Sun River			1,947	6,820				
Klamath			53,359	417,761				

[1] Calendar year data, except on Salt River project, where data are for crop year beginning October, 1930.
[2] Usually furnished with a partial water supply through private canals under Warren Act or other water-service contracts.
[3] Area for which bureau was prepared to supply water.
[4] Includes some dry-farmed tracts; not included below under "Cropped without irrigation."

Source: Bureau of Reclamation, Department of the Interior.

No. 498.—GOVERNMENT IRRIGATION PROJECTS: ACREAGE, PRODUCTION, 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
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	1,286	1,254	54,655	2,791	2,805	119,662
1931	2,027	1,553	1,520	40,554	1,294	1,252	33,406	2,847	2,772	73,960
1932	2,039	1,555	1,579	31,531	1,200	1,183	17,893	2,755	2,762	49,424

GOVERNMENT PROJECTS PROPER—INDIVIDUAL CROPS [1]

Crop	Acreage cropped		Production		Crop value		Yield per acre	
	1931	1932	1931	1932	1931	1932	1931	1932
			Bushels	*Bushels*	*Dollars*	*Dollars*	*Bushels*	*Bushels*
Total, all crops	**1,520,354**	**1,578,880**			**40,554,037**	**31,531,162**		
Cereals	**305,017**	**384,107**	**8,737,134**	**12,115,886**	**3,503,201**	**3,026,892**		
Barley	84,828	98,905	2,850,918	3,726,158	1,021,710	720,031	33.6	21.3
Corn	74,369	90,075	1,831,062	2,449,542	838,158	657,786	24.6	27.2
Oats	40,987	59,151	1,524,502	2,501,797	431,821	427,643	37.2	42.4
Rye	2,427	2,512	22,627	43,859	9,336	12,024	9.3	17.5
Wheat	102,406	133,464	2,508,025	3,394,530	1,202,176	1,209,408	24.5	25.5
Other seeds	**40,195**	**28,703**	**134,648**	**108,964**	**534,020**	**313,650**		
Alfalfa seed	26,209	20,687	82,403	70,175	357,224	217,604	3.1	3.4
Clover seed	12,453	6,175	40,432	26,588	164,645	86,815	3.2	4.3
Flaxseed	1,533	1,841	11,813	12,201	12,151	9,231	7.7	6.6
			Tons	*Tons*			*Tons*	*Tons*
Hay and forage	**1,093,982**	**1,173,412**	**1,497,094**	**1,643,601**	**12,553,126**	**9,306,441**		
Alfalfa hay	481,116	492,591	1,167,491	1,320,656	8,543,436	6,148,306	2.4	2.7
Clover hay	16,581	10,926	20,028	14,303	120,989	44,336	1.2	1.3
Other hay	53,569	48,691	67,500	60,619	381,705	238,441	1.3	1.2
Corn fodder	12,844	14,582	44,455	57,926	193,245	160,599	3.5	4.0
Other forage	106,146	145,415	197,620	190,097	705,563	735,208	1.9	1.3
Pasture	423,726	461,207			2,608,188	1,979,551		
			Bushels	*Bushels*			*Bushels*	*Bushels*
Vegetables	**173,706**	**159,541**	**14,929,902**	**10,766,586**	**9,027,999**	**7,327,621**		
Beans	33,311	13,916	548,257	232,876	530,120	190,238	16.5	16.7
Onions	4,246	2,451	612,874	531,583	474,863	66,557	144.4	217.2
Potatoes, white	76,399	71,570	13,576,154	9,823,753	2,824,482	1,367,068	177.8	137.5
Potatoes, sweet	1,649	1,678	192,617	178,374	138,209	98,504	116.8	106.3
Truck	58,101	69,926			5,060,325	5,605,254		
			1,000 lbs.	*1,000 lbs.*			*Pounds*	*Pounds*
Fruits and nuts	**52,504**	**61,588**	**455,653**	**514,471**	**4,542,946**	**3,136,397**		
Apples	25,824	25,485	294,454	292,395	2,313,956	1,074,038	11,400	11,500
Peaches	3,783	3,936	22,547	29,769	201,066	113,654	5,960	7,570
Pears	6,919	7,368	50,715	53,777	387,074	192,759	7,340	7,290
Prunes	2,352	2,214	9,945	15,316	107,105	59,449	4,230	6,920
Citrus fruits	5,164	13,613	51,548	90,835	766,581	986,574	9,980	6,680
Small fruits	2,140	3,097	11,432	12,815	345,836	245,685	5,350	4,140
Miscellaneous	6,322	5,875	15,012	19,563	421,328	464,238	2,380	3,330
Miscellaneous	**260,656**	**227,849**			**10,392,745**	**8,420,161**		
Cotton	163,461	124,331	69,732	47,570	4,915,021	3,573,419	426.6	382.6
Cottonseed			119,724	79,328			732.4	638.0
			Tons	*Tons*			*Tons*	*Tons*
Sugar beets	73,621	77,729	876,735	1,062,242	5,016,671	4,564,350	11.9	13.7
Other crops	23,574	25,789			461,053	282,392		
Duplication	405,706	456,320						

[1] Figures include nonirrigated crops grown on projects (1931—acreage, 57,789 acres; crop value, $432,948; 1932—acreage, 72,560 acres; crop value, $365,410).

Source: Bureau of Reclamation, Department of the Interior.

No. 499.—IRRIGATION: Summary for the 19 Irrigation States

Note.—Tables 499 to 502 relate to irrigation enterprises of all types, including those operated 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 the nineteen irrigation States shown in Table 501

Item	Census of—			Per cent increase 1920–1930 [1]
	1910	1920	1930	
All farms ... number	1,776,046	1,916,391	2,062,813	7.6
All land in farms ... 1,000 acres	416,463	505,441	568,694	12.5
Approximate land area ... do	1,224,063	1,223,989	1,223,989	--------
Farms irrigated ... number	162,723	222,789	265,147	19.0
Area irrigated ... 1,000 acres	14,433	19,192	19,548	1.9
Area of irrigated crops harvested ... do	(2)	(2)	14,633	--------
Area enterprises were capable of supplying with water ... 1,000 acres	20,285	26,020	26,102	0.3
Area in enterprises [3] ... do	32,245	35,891	30,599	--------
Proportion irrigated:				
All farms ... per cent	9.2	11.6	12.9	--------
All land in farms ... do	3.5	3.8	3.4	--------
Approximate land area ... do	1.2	1.6	1.6	--------
Excess of area enterprises were capable of supplying with water over area irrigated ... 1,000 acres	5,852	6,829	6,554	−4.0
Excess of area in enterprises [3] over area irrigated ... do	17,812	16,699	11,052	--------
Area in enterprises available, or to be available, for settlement ... 1,000 acres	(4)	2,258	1,682	−25.5
Value of irrigated farms [land, buildings (including dwellings), and implements and machinery] ... 1,000 dollars	(2)	(2)	4,886,893	--------
Average, per acre ... dollars	--------	--------	62.38	--------
Value of irrigated crops harvested ... 1,000 dollars	(2)	(2)	899,943	--------
Investment in irrigation enterprises ... do	321,454	697,657	1,032,756	48.0
Average per acre, based on area enterprises were capable of supplying with water ... dollars	15.85	26.81	39.57	47.6
Estimated final cost of existing enterprises ... 1,000 dollars	437,949	819,778	1,155,108	40.9
Average per acre, based on area in enterprises [3] ... dollars	13.58	22.84	37.75	--------
Average annual cost, per acre, for maintenance and operation of irrigation works ... dollars	--------	2.43	2.77	14.0

[1] A minus sign (−) denotes decrease.
[2] Figures not available.
[3] Total area, 1910 and 1920, irrigable area, 1930.
[4] Not reported.

No. 500.—IRRIGATION: Acreage and Investment in Enterprises, by Character of Enterprise, 1920 and 1930

Note.—See headnote, Table 499

Item and character	Area irrigated (acres)		Area enterprises were capable of supplying with water (acres)		Area in enterprises (acres) [1]		Investment (thousands of dollars), 1930
	1919	1929	1920	1930	1920	1930	
Total	19,191,716	19,547,544	26,020,477	26,101,890	35,890,821	30,599,470	1,032,756
Individual and partnership	6,848,807	6,410,581	9,255,756	7,982,142	13,008,415	8,969,051	327,867
Cooperative	6,581,400	6,271,334	8,403,298	7,861,081	10,628,543	8,698,800	179,330
Irrigation district	1,822,887	3,452,275	2,531,425	4,846,095	3,432,109	6,013,347	210,733
Carey Act	523,929	86,772	804,298	174,246	1,188,937	192,246	7,566
Commercial	1,822,001	1,230,763	2,799,563	2,160,950	3,999,581	2,619,597	62,352
United States Bureau of Indian Affairs	284,551	331,840	484,486	739,446	932,985	1,122,134	31,577
United States Bureau of Reclamation	1,254,569	1,485,028	1,680,643	1,944,825	2,627,176	2,569,649	193,990
State	5,620	11,489	7,379	13,600	9,581	14,231	1,047
City	40,146	121,218	44,458	146,132	49,650	140,534	15,511
Other	7,236	146,244	8,546	233,373	13,144	259,881	2,783
Not reported	570	--------	625	--------	700	--------	--------

[1] Total area, 1920; irrigable area 1930.

Source of Tables 499 and 500: Bureau of the Census, Department of Commerce.

No. 501.—IRRIGATION: Area in Irrigation Enterprises, 1910, 1920, and 1930, and Investment and Cost of Maintenance and Operation, 1920 and 1930, by States

State	Area in enterprises (acres) [1]			Area enterprises were capable of supplying with water (acres)		Area irrigated (acres)		
	1910	1920	1930	1920	1930	1909	1919	1929
Total	**32,245,464**	**35,890,821**	**30,599,470**	**26,020,477**	**26,101,890**	**14,433,285**	**19,191,716**	**19,547,544**
Arizona	944,090	813,153	1,085,627	627,303	824,152	320,051	467,565	575,590
Arkansas	52,883	246,480	225,992	179,013	209,942	27,753	143,946	151,787
California	5,490,360	7,805,207	8,075,895	5,894,466	6,815,250	2,664,104	4,219,040	4,746,632
Colorado	5,917,457	5,220,588	4,528,251	3,855,348	4,078,712	2,792,032	3,348,385	3,393,619
Idaho	3,549,573	3,780,048	2,814,048	3,092,810	2,617,021	1,430,848	2,488,806	2,181,250
Kansas	161,300	102,562	95,719	67,853	83,583	37,479	47,312	71,290
Louisiana	581,965	851,211	850,401	728,742	795,165	380,200	454,882	450,901
Montana	3,515,602	4,329,148	2,622,423	2,753,498	2,276,000	1,679,084	1,681,729	1,594,912
Nebraska	680,133	766,768	763,039	562,468	703,641	255,950	442,690	532,617
Nevada	1,232,142	1,382,036	983,717	704,708	736,249	701,833	561,447	486,648
New Mexico	1,102,297	961,879	741,245	696,119	656,669	461,718	538,377	527,033
North Dakota	38,173	57,476	24,860	34,235	24,006	10,248	12,072	9,392
Oklahoma	8,528	11,742	7,344	9,672	7,331	4,388	2,969	1,573
Oregon	2,527,208	1,925,987	1,478,128	1,344,046	1,158,210	686,129	986,162	898,713
South Dakota	201,625	188,382	122,510	150,914	109,550	63,248	100,682	67,107
Texas	1,253,173	1,687,447	1,566,876	1,150,542	1,177,415	451,130	586,120	798,917
Utah	1,947,625	2,359,244	1,739,869	1,700,550	1,542,475	999,410	1,371,651	1,324,125
Washington	817,032	836,795	915,379	637,151	631,511	334,378	529,899	499,283
Wyoming	2,224,298	2,564,668	1,958,147	1,831,039	1,655,008	1,133,302	1,207,982	1,236,155

State	Investment				Estimated final cost				Average cost of maintenance and operation per acre (dollars) [2]	
	Amount (thousands of dollars)		Average per acre (dollars)		Amount (thousands of dollars)		Average per acre (dollars)			
	1920	1930	1920	1930	1920	1930	1920	1930	1920	1930
Total	**697,657**	**1,032,756**	**26.81**	**39.57**	**819,778**	**1,155,108**	**22.84**	**37.75**	**2.43**	**2.77**
Arizona	33,498	73,328	53.40	88.97	34,615	91,914	42.57	84.66	3.27	4.57
Arkansas	7,183	6,837	40.13	32.56	7,284	6,844	29.55	30.28	13.67	7.03
California	194,886	450,968	33.06	66.17	225,799	465,931	28.93	57.69	4.40	6.10
Colorado	88,302	87,603	22.90	21.48	95,198	91,846	18.24	20.28	.87	.85
Idaho	91,501	84,500	29.59	32.29	97,020	101,350	25.67	36.02	1.17	1.44
Kansas	2,067	1,686	30.47	20.17	2,196	1,724	21.41	18.01	3.29	1.53
Louisiana	14,063	15,745	19.30	19.80	14,264	15,771	16.76	18.55	7.01	4.09
Montana	52,143	50,319	18.94	22.11	70,079	58,490	16.19	22.30	1.26	.87
Nebraska	13,909	21,386	24.73	30.39	18,030	21,466	23.51	28.13	1.48	1.54
Nevada	14,754	15,458	20.94	21.00	22,649	18,490	16.39	18.80	.79	.91
New Mexico	18,210	19,834	26.16	30.20	20,441	21,942	21.25	29.60	2.41	2.15
North Dakota	1,857	1,267	54.25	52.79	2,073	1,344	36.06	54.06	5.50	1.97
Oklahoma	151	160	15.65	21.84	163	168	13.86	22.86	2.92	7.62
Oregon	28,929	38,755	21.52	33.46	41,586	60,040	21.59	40.62	1.19	1.41
South Dakota	5,465	4,502	36.21	41.10	5,501	5,174	29.20	42.24	1.26	1.33
Texas	35,073	49,022	30.48	41.64	39,861	59,556	23.62	38.01	6.92	4.74
Utah	32,037	35,670	18.84	23.13	33,836	37,857	14.34	21.76	1.08	1.00
Washington	29,299	40,562	45.98	64.23	37,685	53,232	45.03	58.15	3.45	4.14
Wyoming	34,326	35,153	18.75	21.24	51,500	41,970	20.08	21.43	1.04	.84

[1] Total area, 1910 and 1920, irrigable area, 1930.
[2] When water is pumped, cost of operation includes cost of fuel and attendance.
Source: Bureau of the Census, Department of Commerce.

No. 502.—IRRIGATION: Acreage and Investment in Enterprises, by Drainage Basins, 1920 and 1930

NOTE.—See headnote, Table 499

Drainage basin	Area irrigated (acres)		Area enterprises were capable of supplying with water, 1930 (acres)	Irrigable area in enterprises, 1930 (acres)	Investment (thousands of dollars)	
	1919	1929			1920	1930
Total	19,191,716	19,547,544	26,101,890	30,599,470	697,657	1,032,756
Red River (of the North) tributaries	-------	2,099	2,099	2,409	-------	21
Missouri River and tributaries	4,147,278	4,185,180	5,472,012	6,231,873	131,553	136,507
Mississippi River and tributaries, exclusive of Missouri River	958,493	902,560	1,170,583	1,280,730	35,184	31,832
Gulf streams other than Mississippi River and Rio Grande	698,077	662,958	1,221,997	1,536,404	29,440	28,578
Rio Grande and tributaries [1]	1,204,502	1,468,913	1,807,195	2,068,439	33,886	52,979
Independent streams in Rio Grande Drainage Basin	108,353	95,812	107,586	109,225	939	769
Colorado River and tributaries	2,312,047	2,537,124	3,335,914	4,435,529	86,697	132,350
Whitewater Draw and tributaries	5,871	3,301	4,753	5,570	299	231
Great Basin Drainage	2,313,163	2,069,986	2,579,612	3,059,019	66,589	72,068
Columbia River and tributaries	3,873,245	3,393,640	4,241,244	4,992,131	145,672	157,355
Pacific Ocean streams other than Colorado and Columbia Rivers	3,570,687	4,225,971	6,158,895	6,878,141	167,398	420,066

[1] Not including "Independent streams in Rio Grande Drainage Basin."

No. 503.—IRRIGATION: Acreage, Value, and Average Value Per Acre of all Crops and of Irrigated Crops, 1929

NOTE.—The data in this table are from schedules of individual farmers and not from the managements of irrigation enterprises. Acreage does not include pasture land

State	Acreage				Value					
	All crops		Irrigated crops		All crops			Irrigated crops		
	Total acres	Per cent of United States total	Total acres	Per cent of irrigation States total	Total (thousands of dollars)	Per cent of United States total	Average value per acre (dollars)	Total (thousands of dollars)	Per cent of irrigation States total	Average value per acre (dollars)
United States	361,944,557	100.0	(1)	-------	8,077,812	100.0	22.32	(1)	-------	-------
Irrigation States	178,614,903	49.3	14,633,252	100.0	3,400,378	42.1	19.04	899,943	100.0	61.50
Arizona	500,342	.1	448,806	3.1	32,367	.4	64.69	31,021	3.4	69.12
Arkansas	6,556,238	1.8	146,910	1.0	210,182	2.6	32.06	6,683	.7	45.49
California	6,623,727	1.8	3,540,350	24.2	537,479	6.7	81.14	446,259	49.6	126.05
Colorado	6,761,176	1.9	2,291,927	15.7	124,762	1.5	18.45	82,357	9.2	35.93
Idaho	3,182,767	.9	1,634,321	11.2	104,045	1.3	32.69	73,893	8.2	45.21
Kansas	24,313,774	6.7	56,939	.4	299,152	3.7	12.30	1,706	.2	29.96
Louisiana	4,110,643	1.1	400,375	2.7	149,750	1.9	36.43	16,235	1.8	40.55
Montana	7,878,625	2.2	1,343,035	9.2	87,639	1.1	11.12	28,868	3.2	21.49
Nebraska	21,432,100	5.9	404,481	2.8	299,127	3.7	13.96	15,545	1.7	38.43
Nevada	396,769	.1	390,192	2.7	8,703	.1	21.94	8,473	.9	21.72
New Mexico	1,497,369	.4	371,269	2.4	34,648	.4	23.14	18,865	2.1	50.81
North Dakota	21,336,772	5.9	10,651	.1	181,303	2.2	8.50	278	(2)	26.07
Oklahoma	15,570,362	4.3	2,109	(2)	245,561	3.0	15.77	100	(2)	47.53
Oregon	2,861,467	.8	637,967	4.4	89,354	1.1	31.23	24,800	2.8	38.87
South Dakota	17,955,734	5.0	59,361	.4	171,238	2.1	9.54	1,646	.2	27.72
Texas	30,766,089	8.5	594,287	4.0	615,600	7.6	20.01	33,221	3.7	55.90
Utah	1,200,154	.3	917,139	6.2	35,260	.4	29.38	29,996	3.3	32.71
Washington	3,660,853	1.0	405,027	2.8	144,837	1.8	39.56	61,145	6.8	150.97
Wyoming	2,009,942	.6	978,106	6.7	29,371	.4	14.61	18,851	2.1	19.27

[1] Data on the relatively small amount of irrigation outside of the 19 irrigation States are not available.
[2] Less than one-tenth of 1 per cent.

Source of Tables 502 and 503: Bureau of the Census, Department of Commerce.

No. 504.—IRRIGATION: Acreage, Production, and Value of Irrigated Crops Harvested, 1929

Note.—See headnote. 503

Crop	Acreage	Production			Value (dollars)	
		Unit	Amount	Per acre	Amount	Per acre
Total [1]	14,633,252				899,942,549	61.50
Cereals, total	3,250,629	Bushel	111,801,074	34.4	94,057,264	28.94
Corn harvested for grain	348,563	do	10,925,296	31.3	8,923,428	25.60
Wheat threshed	1,017,921	do	27,995,376	27.5	28,640,910	28.14
Oats threshed for grain	382,491	do	14,235,956	37.2	7,021,831	18.36
Barley	665,985	do	22,872,825	34.3	14,570,613	21.88
Rye	12,335	do	213,369	17.3	197,712	16.03
Sorghum for grain	71,371	do	1,910,504	26.8	1,797,785	25.19
Rice (rough)	724,997	do	32,876,049	45.3	32,332,566	44.60
Mixed grains and other cereals	26,966	do	771,699	28.6	572,419	21.23
Other grains and seeds, total	687,843				43,777,658	63.64
Canada and other ripe field peas [2]	101,315	Bushel	1,471,670	14.5	3,237,789	31.96
Navy and other ripe field beans [3]	365,776	do	8,408,492	23.0	33,492,746	91.57
All clover seed	64,738	do	254,837	3.9	1,947,442	30.08
Alfalfa seed	137,754	do	366,988	2.7	4,004,849	29.07
Miscellaneous seeds	18,260				1,094,832	59.96
Hay crops, total	6,758,431	Ton	13,438,922	2.0	169,163,452	25.03
Tame hay	5,455,183	do	12,239,422	2.2	158,216,955	29.00
Alfalfa	4,096,381	do	10,384,668	2.5	136,599,352	33.35
Timothy and (or) timothy and clover mixed	679,914	do	973,565	1.4	11,247,379	16.54
Clover alone	83,502	do	120,410	1.4	1,324,897	15.87
Annual legumes saved for hay [4]	19,833	do	27,929	1.4	275,579	13.88
Small grains cut for hay	219,342	do	318,753	1.5	4,494,860	20.49
Other tame grasses	356,211	do	414,097	1.2	4,274,888	12.00
Wild, salt, and prairie grasses	1,303,248	do	1,199,500	.9	10,946,497	8.40
Silage and miscl. forage crops	88,431	do	514,162	5.8	3,740,885	42.30
Corn cut for fodder	37,764		(5)		(5)	
Vegetables, total	782,274				138,809,727	177.44
Potatoes (Irish or white)	252,805	Bushel	47,607,488	188.3	58,618,017	231.87
Sweetpotatoes and yams	10,634	do	1,124,047	105.7	1,732,489	162.92
Vegetables harvested for sale	518,835				78,459,221	151.22
Sugar crops, total	502,479				42,678,942	84.94
Sugar beets for sugar	501,951	Ton	5,994,174	11.9	42,606,114	84.88
Other sugar crops	528				72,828	137.93
Cotton, including cottonseed	893,745				67,003,012	74.97
Lint cotton	893,745	Bale	624,126	.7	58,657,194	65.63
Cottonseed		Ton	302,895		8,345,818	9.34
Hops	4,811	Pound	9,487,797	1,972.1	1,180,493	245.37
Miscellaneous crops	131,693				372,087	2.83
Land in orchard and subtropical fruits, vineyards, and planted nut trees	1,494,637					
Orchard fruits, total	[6] 43,445,383				111,113,718	[7] 2.56
Apples	[6] 9,054,962	Bushel	37,048,840	[7] 4.1	45,508,713	[7] 5.03
Peaches	[6] 10,758,112	do	14,731,990	[7] 1.4	18,312,004	[7] 1.70
Pears	[6] 5,752,449	do	9,836,530	[7] 1.7	18,371,048	[7] 3.19
Plums and prunes	[6] 10,451,409	do	8,801,389	[7] .8	8,357,856	[7] .80
Cherries	[6] 1,287,486	do	1,098,617	[7] .9	5,090,798	[7] 3.95
Figs	[6] 2,168,826	Pound	114,799,188	[7] 52.9	5,826,709	[7] 2.69
Apricots	[6] 3,853,026	Bushel	5,413,071	[7] 1.4	9,529,657	[7] 2.47
All other orchard fruits	[6] 119,113				116,933	[7] .98
Grapes	[8] 189,819,218	Pound	2,998,861,537	[9] 16.3	37,351,036	[10] .20
Subtropical fruits, total	[6] 20,380,559				172,184,856	[7] 8.45
Oranges	[6] 14,577,568	Box	43,465,133	[7] 3.0	119,738,658	[7] 8.21
Lemons	[6] 2,770,197	do	9,273,473	[7] 3.3	42,974,061	[7] 15.51
Grapefruit	[6] 1,478,488	do	2,701,051	[7] 1.8	6,852,367	[7] 4.63
Olives	[6] 1,148,983	Pound	39,906,000	[7] 34.7	1,636,665	[7] 1.42
All other subtropical fruits	[6] 405,323				983,105	[7] 2.43
Nuts, total	[6] 3,016,984	Pound	74,006,530	[7] 24.5	12,203,911	[7] 4.05
Walnuts (English or Persian)	[6] 1,663,775	do	69,368,209	[7] 41.7	11,101,932	[7] 6.67
All other nuts	[6] 1,353,209	do	4,638,321	[7] 3.4	1,101,979	[7] .81
Small fruits, total	20,348	Quart	38,549,095	1,894.5	6,305,508	309.88
Strawberries	13,505	do	27,023,843	2,001.0	4,482,194	331.89
Raspberries	4,104	do	7,255,658	1,767.9	1,255,188	305.85
All other small fruits	2,739	do	4,269,594	1,558.8	568,126	207.42

[1] Not including acreage of annual legumes saved for hay which is practically all duplicated in "Other grains and seeds," but including value of leguminous hay.
[2] Includes cowpeas.
[3] Includes soy and velvet beans.
[4] Acreage included in totals for "tame hay" and "hay crops" but not in total acreage for all crops.
[5] Not available.
[6] Trees of bearing age.
[7] Average per tree.
[8] Vines of bearing age.
[9] Average production per vine.
[10] Average value per vine.
Source: Bureau of the Census, Department of Commerce.

No. 505.—DRAINAGE: Summary for the United States

NOTE.—The statistics for drainage on farms in the first part of this table were collected from the individual farmers while those for drainage enterprises were obtained from a special canvass of organized drainage enterprises. A 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. 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 may include timbered and other unimproved land not yet 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 none also in Virginia.

Item	Census of— 1920	Census of— 1930	Per cent increase 1920–1930[1]
FARMS AND DRAINAGE ON FARMS			
All farms ... number	6,448,343	6,288,648	−2.5
Farms reporting drainage ... do	924,815	651,172	−29.6
All land in farms ... 1,000 acres	955,884	986,771	3.2
Farm land provided with drainage ... do	53,025	44,524	−16.0
AREA, DRAINS, AND INVESTMENT IN ENTERPRISES			
Approximate land area of 35 States reporting organized drainage enterprises[2] ... 1,000 acres	1,717,932	1,743,700	1.5
Land in drainage enterprises ... do	65,495	84,408	28.9
Improved land ... do	44,288	63,514	43.4
Unimproved land:			
Woodland ... do	11,284	11,310	0.2
Other ... do	9,923	9,584	−3.4
Land unfit to raise any crop for lack of drainage ... do	[3] 7,224	7,396	2.4
Land drained, fit to raise normal crop ... do	(4)	66,234	----------
Land partly drained, fit for partial crop ... do	[5] 3,011	10,778	257.9
Land in occupied farms ... do	(4)	68,640	----------
Land in planted crops ... do	(4)	54,428	----------
Land idle ... do	(4)	20,003	----------
Ditches, completed ... miles	107,468	138,673	29.0
Tile drains, completed ... do	42,312	55,032	30.1
Capital invested in enterprises ... 1,000 dollars	372,274	680,733	82.9
Average, per acre ... dollars	5.68	8.06	41.9

[1] A minus sign (−) denotes decrease.
[2] For States included (34 in 1920 and 35 in 1930) see Table 507.
[3] "Swampy, subject to overflow, seeped, or alkali."
[4] Not called for on schedule.
[5] "Suffering a loss of crops from defective drainage."

No. 506.—LAND AND CAPITAL IN DRAINAGE ENTERPRISES: By Date of Organization and by Character of Enterprise: 1930

Date of organization	Land	Area of enterprises: Total	Area of enterprises: Overlapped area	Capital invested to Jan. 1, 1930	Character of enterprise	Land in enterprises[1]	Capital: Invested to Jan. 1, 1930	Capital: Additional required to complete
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 dollars*		*1,000 acres*	*1,000 dollars*	*1,000 dollars*
All enterprises	84,408	128,495	44,087	680,733	Total	84,408	680,733	9,346
Before 1870	919	1,057	138	1,263	Drainage districts	32,545	357,799	6,781
1870–1879	2,517	3,481	964	11,318	County drains	47,547	287,392	434
1880–1889	6,053	9,549	3,496	28,035	Township drains	194	944	3
1890–1899	5,958	11,265	5,308	32,839	State projects	608	1,449	----------
1900–1904	7,666	12,381	4,715	34,140	Irrigation enterprises	2,645	23,260	2,074
1905–1909	18,328	23,863	5,535	111,612	Commercial developments	72	3,083	25
1910–1914	16,448	22,332	5,883	125,953	Individual ownership	782	6,579	29
1915–1919	15,803	23,422	7,619	190,583	Character not precisely reported	14	227	----------
1920–1924	7,428	12,736	5,308	102,977				
1925–1929	3,288	8,410	5,122	42,012				

[1] Before tabulation the area in each enterprise was reduced by the amount of overlapping with enterprises organized previously.

Source of Tables 505 and 506: Bureau of the Census, Department of Commerce.

No. 507.—LAND AND CAPITAL IN DRAINAGE ENTERPRISES: By States

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 any 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	84,408,093	7,396,078	66,234,390	10,777,625	68,640,109	54,427,577	372,274	680,733
East North Central	31,627,176	33,485,754	1,288,906	29,439,215	2,757,633	32,689,727	26,317,269	134,274	209,880
Ohio	8,107,204	8,165,494	102,290	7,495,881	567,323	8,132,973	6,800,406	30,680	36,836
Indiana	9,087,183	10,214,014	222,269	9,303,527	688,218	10,150,221	8,454,498	31,148	54,111
Illinois	3,909,049	5,032,682	275,800	4,510,111	246,771	5,005,376	4,248,907	43,595	75,049
Michigan	9,729,171	9,180,851	531,454	7,581,151	1,068,246	8,826,265	6,462,936	24,684	37,677
Wisconsin	794,569	892,713	157,093	548,545	187,075	574,892	350,522	4,163	6,207
West North Central	19,317,367	23,690,882	2,412,875	18,440,603	2,837,404	20,212,282	15,799,777	121,562	206,191
Minnesota	9,232,709	11,474,683	2,037,481	7,322,252	2,114,950	8,782,323	5,916,067	42,017	64,140
Iowa	5,224,478	6,137,649	68,371	5,846,118	223,160	6,105,496	5,376,805	49,627	77,479
Missouri	2,596,204	3,150,022	253,251	2,530,697	366,074	2,427,599	2,067,727	20,723	47,340
North Dakota	1,240,328	1,094,142	13,440	1,055,429	25,273	1,094,114	908,979	2,208	3,149
South Dakota	222,062	697,758	26,601	614,210	56,947	684,746	567,285	1,461	4,535
Nebraska	607,730	879,459	10,139	829,681	39,639	864,159	743,178	4,589	6,847
Kansas	93,856	257,169	3,592	242,216	11,361	253,845	219,736	937	2,701
South Atlantic	2,385,384	6,941,716	1,516,966	2,605,877	2,818,873	893,634	587,512	18,847	53,632
Virginia	----------	15,042	----------	13,138	1,904	5,704	4,748	----------	242
North Carolina	542,828	679,236	79,267	438,992	160,977	331,121	267,525	3,623	4,719
South Carolina	140,031	208,249	33,002	139,587	35,660	94,744	61,606	582	1,265
Georgia	65,452	84,255	24,114	46,592	13,549	63,865	37,097	795	1,918
Florida	1,637,073	5,954,934	1,380,583	1,967,568	2,606,783	398,200	216,536	13,847	45,488
East South Central	2,323,595	4,167,681	466,687	3,231,281	469,713	3,021,791	2,334,721	11,524	35,326
Kentucky	358,480	585,625	47,302	428,883	109,440	515,101	320,084	1,522	5,358
Tennessee	363,671	593,560	133,230	367,805	92,525	413,791	212,690	2,926	6,367
Mississippi	1,601,444	2,988,496	286,155	2,434,593	267,748	2,092,899	1,801,947	7,076	23,601
West South Central	7,924,197	11,340,152	1,597,904	8,243,890	1,498,358	7,570,988	5,662,415	28,946	72,572
Arkansas	3,479,591	4,631,155	586,664	3,435,280	609,211	2,940,035	2,425,632	14,147	37,532
Louisiana	2,266,328	3,655,483	786,889	2,486,972	381,622	2,571,531	1,822,620	9,022	20,753
Oklahoma	12,150	170,158	5,734	143,221	21,203	163,936	135,956	76	2,284
Texas	2,166,128	2,883,356	218,617	2,178,417	486,322	1,895,486	1,278,207	5,701	12,003
Mountain	810,076	1,969,770	59,667	1,779,788	130,315	1,728,767	1,504,265	7,840	27,877
Montana	168,682	167,629	6,388	152,871	8,370	150,844	114,266	665	1,879
Idaho	64,642	375,464	13,670	333,204	28,590	362,303	334,546	1,669	5,112
Wyoming	95,474	245,703	9,021	219,762	16,920	188,327	163,015	1,176	5,251
Colorado	171,656	366,719	5,504	313,039	48,176	305,966	274,922	1,082	4,359
New Mexico	140,219	176,292	15,220	144,750	16,322	151,516	137,570	1,711	3,279
Arizona	39,640	318,931	4,125	313,112	1,694	304,802	278,066	414	1,875
Utah	113,823	156,052	5,600	142,941	7,511	109,518	90,368	1,005	4,772
Nevada	15,940	162,980	139	160,109	2,732	155,491	111,512	118	1,350
Pacific	1,207,243	2,812,138	53,073	2,493,736	265,329	2,522,920	2,221,618	49,285	75,255
Washington	94,924	367,242	9,879	329,166	28,197	351,898	309,818	1,398	4,638
Oregon	4,000	211,182	30,575	153,381	27,226	146,576	116,987	200	4,165
California	1,108,319	2,233,714	12,619	2,011,189	209,906	2,024,446	1,794,813	47,687	66,452

Source: Bureau of the Census, Department of Commerce.

25.—FARMS—GENERAL STATISTICS

[Data in this section relate to continental United States]

No. 508.—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	46.1	43.8
Farm population[3]					31,614,269	(4)	30,445,350
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 land 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 pastured						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**	**57,245,544**
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[5]			13,058,008	28,475,674	54,829,563	37,721,018	34,929,845
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	3,301,654
Livestock	544,181	2,308,768	3,075,478	4,925,174	8,012,876	4,858,389	[6] 6,064,051
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	83.6
Land			63.9	69.5	70.4	66.2	61.0
Buildings			17.4	15.4	14.7	20.6	22.6
Implements and machinery	3.8	3.1	3.7	3.1	4.6	4.7	5.8
Livestock	13.7	14.4	15.0	12.0	10.3	8.5	10.6
Average value of all farm property per farm (dollars)	**2,738**	**3,523**	**3,563**	**6,444**	**12,084**	**8,949**	**9,103**
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	964
Average value of all farm property per acre (dollars)	**13.51**	**25.81**	**24.37**	**46.64**	**81.52**	**61.69**	**58.01**
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	6.15

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

[2] For definition of urban and rural population, see headnote, Table 7, p. 6.

[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. For farm population by States see Table 10, p. 8.

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

[6] Domestic animals, chickens, and bees.

Source: Bureau of the Census, Department of Commerce.

No. 509.—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	5,426
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**	**1,111,861**	**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	43,203	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	58.4	Miss.
165,013	183,906	56,809	64,747	179.3	174.1	162.2	168.7	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. 510.—VALUE OF FARM PROPERTY: All Property, Land,

[All amounts in

Division and State	Value of all farm property				Value of land			
	1910	1920	1925	1930	1910	1920	1925	1930
United States	40,991,449	77,923,652	57,017,740	57,245,544	28,475,674	54,829,563	37,721,018	34,929,845
New England	867,240	1,173,020	1,091,545	1,156,353	382,134	488,125	413,932	440,972
Maine	199,272	270,527	245,869	248,696	86,481	114,412	97,524	95,621
New Hampshire	103,704	118,656	107,084	99,601	44,519	47,425	37,226	32,179
Vermont	145,400	222,737	180,912	202,839	58,385	82,938	63,865	63,619
Massachusetts	226,474	300,472	293,405	303,837	105,533	127,654	110,437	118,200
Rhode Island	32,991	33,637	33,446	41,111	15,010	14,509	13,543	16,614
Connecticut	159,400	226,992	230,829	260,269	72,206	101,187	91,337	114,739
Middle Atlantic	2,959,589	3,949,684	3,478,716	3,602,634	1,462,321	1,661,676	1,332,457	1,282,272
New York	1,451,481	1,908,483	1,706,930	1,711,762	707,748	793,336	646,980	600,085
New Jersey	254,833	311,848	311,084	355,388	124,143	142,182	130,331	152,491
Pennsylvania	1,253,275	1,729,353	1,460,702	1,535,484	630,430	726,158	555,146	529,696
East North Central	10,119,128	17,245,363	12,592,988	11,116,009	7,231,699	12,046,074	7,969,004	6,169,552
Ohio	1,902,695	3,095,666	2,236,902	2,012,937	1,285,895	2,015,113	1,299,024	1,032,210
Indiana	1,809,135	3,042,311	1,931,742	1,677,993	1,328,197	2,202,566	1,268,777	958,634
Illinois	3,905,321	6,666,767	4,627,965	3,786,661	3,090,411	5,250,295	3,426,455	2,555,100
Michigan	1,088,858	1,763,335	1,523,977	1,428,817	615,258	959,187	764,871	638,023
Wisconsin	1,413,119	2,677,283	2,272,402	2,209,601	911,938	1,618,913	1,209,878	985,585
West North Central	13,535,310	27,991,035	18,879,178	18,146,431	10,052,561	21,340,145	13,303,048	11,643,370
Minnesota	1,476,412	3,787,420	2,761,684	2,608,124	1,019,102	2,750,328	1,796,600	1,453,960
Iowa	3,745,861	8,524,471	5,602,078	4,992,435	2,801,974	6,679,021	3,969,814	3,186,980
Missouri	2,052,917	3,591,068	2,286,639	2,149,429	1,445,982	2,594,193	1,562,725	1,305,949
North Dakota	974,814	1,759,743	1,191,037	1,186,659	730,380	1,279,314	813,722	720,077
South Dakota	1,166,097	2,823,870	1,658,921	1,579,241	902,607	2,231,432	1,201,015	1,033,288
Nebraska	2,079,819	4,201,656	2,874,478	2,934,898	1,614,539	3,330,222	2,125,792	2,048,664
Kansas	2,039,390	3,302,806	2,504,340	2,695,595	1,537,977	2,475,635	1,833,379	1,894,452
South Atlantic	2,951,201	6,132,918	4,659,177	4,471,400	1,883,350	4,000,682	2,980,771	2,578,136
Delaware	63,179	80,138	72,798	83,272	34,938	42,116	34,435	35,230
Maryland	286,167	463,638	397,093	425,248	163,452	259,904	207,274	198,454
Dist. of Columbia	8,477	5,928	5,003	7,346	7,194	4,156	3,564	6,140
Virginia	625,065	1,196,556	999,466	992,825	394,659	756,354	600,676	533,908
West Virginia	314,739	496,440	411,159	411,787	207,076	307,310	251,793	222,764
North Carolina	537,716	1,250,167	1,050,016	965,351	343,165	857,815	686,425	573,758
South Carolina	392,128	953,065	523,084	439,680	268,775	647,157	347,087	260,135
Georgia	580,546	1,356,685	686,673	683,435	370,353	897,445	433,649	394,892
Florida	143,183	330,302	513,884	462,456	93,738	228,425	415,869	352,855
East South Central	2,182,772	4,419,417	2,898,526	3,227,571	1,326,827	2,916,141	1,827,823	1,875,271
Kentucky	773,798	1,511,901	963,569	1,029,613	484,465	1,050,753	616,214	594,982
Tennessee	612,521	1,251,916	883,646	893,843	371,416	807,782	555,943	515,651
Alabama	370,138	690,849	500,740	611,301	216,944	415,764	308,664	354,039
Mississippi	426,315	964,752	550,571	692,814	254,002	641,842	347,002	410,599
West South Central	3,838,154	7,622,066	5,696,760	6,863,760	2,716,099	5,408,060	4,176,964	4,815,599
Arkansas	400,089	924,395	628,846	649,877	246,021	607,773	420,735	407,920
Louisiana	301,221	589,827	385,911	501,826	187,803	383,618	251,738	313,558
Oklahoma [2]	918,199	1,660,424	1,210,135	1,477,741	649,067	1,171,459	879,335	1,031,251
Texas	2,218,645	4,447,420	3,471,867	4,234,316	1,633,207	3,245,209	2,625,157	3,062,870
Mountain	1,757,573	4,083,138	2,758,216	3,262,155	1,174,370	2,801,712	1,838,980	2,038,198
Montana	347,829	985,961	574,897	708,364	226,771	691,912	389,514	442,941
Idaho	305,317	716,138	451,885	528,914	219,953	511,866	309,769	340,256
Wyoming	167,189	334,411	240,396	306,587	88,908	210,947	148,168	174,464
Colorado	491,472	1,076,795	712,285	795,387	362,822	763,723	493,974	510,955
New Mexico	159,448	325,186	236,301	293,138	98,806	196,341	152,033	180,721
Arizona	75,124	233,593	194,049	243,458	42,350	156,563	126,788	160,854
Utah	150,795	311,275	250,318	289,118	99,482	210,998	159,703	174,341
Nevada	60,399	99,780	98,086	97,189	35,277	59,362	59,031	53,666
Pacific	2,780,482	5,307,011	4,962,634	5,399,231	2,246,314	4,166,948	3,878,038	4,086,475
Washington	637,543	1,057,430	823,438	887,834	517,422	797,651	584,386	608,373
Oregon	528,244	818,560	714,410	755,897	411,696	586,242	505,141	501,947
California	1,614,695	3,431,022	3,424,786	3,755,500	1,317,195	2,783,055	2,788,511	2,976,155

[1] Domestic animals, chickens, and bees in 1930.
[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 farm operator's dwellings, 1930	Value of implements and machinery			Value of livestock [1]			Division and State
1920	1925	1930		1920	1925	1930	1920	1925	1930	
11,486,440	11,746,629	12,949,994	7,083,536	3,594,773	2,691,704	3,301,654	8,012,876	4,858,389	6,064,051	U. S.
429,343	491,695	499,741	277,132	92,388	82,334	91,881	163,163	103,584	123,759	N. E.
89,697	99,746	98,659	56,541	26,638	24,491	28,383	39,780	24,108	26,034	Me.
42,571	49,407	45,177	25,902	9,499	8,988	8,912	19,161	11,463	13,334	N. H.
76,179	73,406	82,316	42,999	21,234	18,130	20,767	42,385	25,511	36,136	Vt.
119,934	144,166	143,023	78,076	19,360	17,044	18,730	33,524	21,758	23,884	Mass.
11,879	14,377	17,893	9,849	2,409	2,064	2,718	4,840	3,462	3,886	R. I.
89,084	110,594	112,673	63,765	13,248	11,616	12,371	23,473	17,282	20,485	Conn.
1,340,462	1,467,377	1,535,496	800,028	359,152	333,490	355,438	588,394	345,393	429,427	M. A.
631,726	720,145	715,820	366,894	169,867	169,385	173,606	313,555	170,419	222,251	N. Y.
108,141	132,205	146,355	81,667	25,459	23,452	27,076	36,065	25,095	29,466	N. J.
600,594	615,026	673,321	351,467	163,826	140,652	154,756	238,775	149,878	177,710	Pa.
2,891,568	3,054,655	3,167,238	1,601,716	786,077	567,871	626,208	1,521,644	1,001,458	1,153,010	E. N. C.
646,323	646,607	660,821	355,008	146,575	97,893	103,176	287,655	193,378	216,730	Ohio.
451,078	426,964	456,908	246,657	127,403	79,740	86,778	261,264	156,262	175,672	Ind.
747,699	773,004	780,949	386,688	222,620	147,104	160,413	446,154	281,402	290,199	Ill.
477,500	519,191	522,628	270,241	122,390	96,253	105,562	204,259	143,662	162,604	Mich.
568,969	688,889	745,932	343,122	167,089	146,883	170,279	322,312	226,754	307,805	Wis.
3,129,350	3,227,843	3,515,160	1,734,992	1,162,938	816,333	1,091,603	2,358,601	1,531,954	1,896,299	W. N. C.
550,840	597,142	671,134	315,743	181,088	137,966	181,767	305,164	229,977	301,263	Minn.
922,752	984,632	1,037,526	475,398	309,172	227,282	270,516	613,526	420,349	497,463	Iowa.
468,774	440,561	490,297	281,328	138,261	75,955	94,522	389,839	207,398	258,661	Mo.
209,208	206,381	231,149	109,806	114,187	76,631	118,744	157,035	94,303	116,690	N. D.
241,462	236,273	251,865	119,063	112,408	75,411	107,344	238,568	146,222	186,744	S. D.
381,885	398,282	446,539	222,569	153,104	111,799	150,925	336,444	238,605	288,770	Nebr.
354,429	364,572	386,650	211,085	154,717	111,288	167,785	318,025	195,100	246,708	Kans.
1,201,092	1,118,173	1,273,943	828,804	283,981	195,639	202,947	647,163	364,594	416,375	S. A.
22,640	25,241	31,711	17,370	6,781	5,906	7,285	8,601	7,217	9,045	Del.
126,693	134,087	157,716	88,617	28,970	22,885	25,682	48,071	32,846	43,395	Md.
1,421	1,231	1,003	437	104	108	93	246	100	109	D. C.
268,081	286,138	321,942	209,084	50,151	40,021	44,319	121,969	72,631	92,656	Va.
103,474	104,361	119,213	77,776	18,395	15,687	15,268	67,261	39,319	54,544	W.Va.
218,578	239,601	270,364	182,523	54,621	46,437	42,212	119,153	77,554	79,018	N. C.
166,327	110,536	119,055	81,983	48,062	23,105	21,425	91,518	42,357	39,065	S. C.
240,854	153,905	182,447	123,456	63,343	26,986	31,217	155,043	72,133	74,880	Ga.
53,025	63,073	70,492	47,558	13,552	14,504	15,446	35,301	20,439	23,663	Fla.
747,552	653,007	810,093	534,557	176,065	123,550	157,459	579,659	294,147	384,748	E. S. C.
254,406	231,213	276,467	163,758	48,355	30,629	36,547	158,387	85,513	121,618	Ky.
217,198	203,483	227,571	147,879	53,463	40,746	45,758	173,473	83,473	104,862	Tenn.
127,894	106,195	148,332	104,969	34,366	23,851	33,545	112,825	62,031	75,385	Ala.
148,054	112,116	157,723	117,951	39,881	28,323	41,609	134,974	63,129	82,883	Miss.
883,128	782,469	990,552	644,404	311,099	252,866	336,335	1,019,779	484,460	721,275	W. S. C.
145,337	119,992	139,909	94,842	43,432	31,255	33,116	127,853	56,865	68,933	Ark.
90,421	72,940	104,634	72,097	32,715	21,333	28,174	83,073	39,900	55,460	La.
192,406	169,422	211,472	126,457	80,631	58,379	92,858	215,928	102,998	142,160	Okla.
454,965	420,114	534,537	351,008	154,321	141,899	182,187	592,926	284,698	454,722	Tex.
361,476	334,002	420,285	238,756	190,716	129,257	210,944	729,234	455,977	592,728	Mt.
84,855	65,881	84,669	43,226	55,004	30,633	62,070	154,190	88,869	118,684	Mont.
69,646	63,557	76,994	46,544	38,417	26,526	39,749	96,209	52,033	71,915	Idaho.
23,801	24,508	32,388	15,866	11,778	9,172	17,618	87,885	58,548	82,117	Wyo.
102,291	98,481	118,392	64,389	49,805	33,473	50,241	160,977	86,357	115,799	Colo.
25,473	22,884	27,138	16,516	9,745	8,712	12,997	93,626	52,671	72,282	N. M.
15,763	17,226	23,377	14,336	8,821	6,928	10,414	52,447	43,107	48,813	Ariz.
32,754	32,499	46,882	32,290	13,515	10,097	13,636	54,008	48,019	54,258	Utah.
6,893	8,966	10,445	5,589	3,631	3,715	4,219	29,894	26,374	28,860	Nev.
502,469	617,409	737,486	423,147	232,358	190,365	228,839	405,237	276,822	346,430	Pac.
122,741	142,504	165,289	93,476	54,721	41,235	50,512	82,316	55,313	63,659	Wash.
88,971	110,927	128,881	72,628	41,567	35,643	42,586	101,779	62,699	82,483	Oreg.
290,756	363,977	443,316	257,043	136,069	113,488	135,741	221,141	158,810	200,288	Calif.

No. 511.—CLASSIFICATION OF FARM LAND: By States, 1930

Note.—For total land in farms, see Table 509.

[All figures in thousands of acres]

Division and State	Crop land				Land in pasture				Woodland not pastured	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	21,265	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	24,688	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. 512.—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				Land and buildings						
	1910	1920	1925	1930	1920	1925	1930	1910	1920	1925	1930
United States	6,444	12,084	8,949	9,103	10,284	7,764	7,614	32.40	57.36	40.81	35.40
New England	4,593	7,492	6,844	9,256	5,860	5,678	7,530	19.38	28.73	26.10	30.87
Maine	3,320	5,609	4,914	6,376	4,232	3,943	4,981	13.73	21.09	18.89	20.61
New Hampshire	3,833	5,782	5,084	6,682	4,385	4,113	5,190	13.70	18.21	16.46	16.42
Vermont	4,445	7,661	6,511	8,147	5,473	4,940	5,861	12.52	19.58	16.27	16.33
Massachusetts	6,135	9,389	8,770	11,870	7,737	7,611	10,205	36.69	51.17	46.64	58.94
Rhode Island	6,234	8,238	8,552	12,376	6,463	7,139	10,388	33.86	43.75	43.83	59.47
Connecticut	5,944	10,019	9,932	15,136	8,399	8,689	13,226	33.03	53.28	49.85	76.38
Middle Atlantic	6,319	9,290	8,305	10,074	7,061	6,684	7,880	33.86	40.96	35.54	36.59
New York	6,732	9,879	9,043	10,712	7,376	7,243	8,234	32.13	38.45	33.57	33.38
New Jersey	7,610	10,499	10,484	14,004	8,428	8,848	11,776	48.23	62.29	67.72	86.74
Pennsylvania	5,715	8,551	7,287	8,906	6,560	5,838	6,977	33.92	41.12	34.07	34.60
East North Central	9,007	15,898	11,975	11,501	13,771	10,483	9,660	61.32	102.31	70.68	55.64
Ohio	6,994	12,060	9,141	9,179	10,368	7,951	7,720	53.34	85.69	58.46	47.98
Indiana	8,396	14,831	9,867	9,242	12,937	8,661	7,796	62.36	104.57	63.71	48.69
Illinois	15,505	28,108	20,514	17,654	25,289	18,615	15,553	95.02	164.20	111.49	83.24
Michigan	5,261	8,976	7,924	8,436	7,313	6,676	6,853	32.48	50.40	42.41	37.27
Wisconsin	7,978	14,143	11,765	12,156	11,558	9,830	9,526	43.30	73.09	55.37	45.06
West North Central	12,195	25,517	16,988	16,308	22,307	14,875	13,623	43.21	83.04	53.62	43.86
Minnesota	9,456	21,221	14,672	14,079	18,496	12,717	11,471	36.82	91.00	59.77	47.03
Iowa	17,259	39,939	26,240	23,229	35,616	23,207	19,655	82.58	199.52	119.28	93.68
Missouri	7,405	13,654	8,779	8,398	11,646	7,691	7,018	41.80	74.60	47.87	38.70
North Dakota	13,109	22,651	15,678	15,218	19,160	13,428	12,199	25.69	35.33	23.70	18.63
South Dakota	15,018	37,835	20,857	18,991	33,132	18,071	15,455	34.69	64.42	37.51	28.33
Nebraska	16,038	33,771	22,504	22,671	29,836	19,760	19,274	41.80	78.87	50.58	45.82
Kansas	11,467	19,982	15,097	16,234	17,122	13,250	13,738	35.45	54.50	41.93	40.33
South Atlantic	2,654	5,292	4,205	4,224	4,488	3,699	3,639	18.15	40.92	33.65	29.85
Delaware	5,830	7,903	7,097	8,579	6,386	5,818	6,896	33.63	44.59	38.28	39.11
Maryland	5,849	9,678	8,104	9,843	8,070	6,966	8,244	32.32	54.62	46.75	45.37
District of Columbia	39,062	29,059	35,992	70,633	27,340	34,500	68,690	1,186.53	733.27	934.71	1,999.57
Virginia	3,397	6,425	5,159	5,819	5,501	4,578	5,016	20.24	40.75	34.90	31.92
West Virginia	3,255	5,687	4,549	4,983	4,706	3,941	4,138	20.65	32.11	28.04	25.31
North Carolina	2,119	4,634	3,704	3,451	3,990	3,267	3,018	15.29	42.84	36.92	31.78
South Carolina	2,223	4,946	3,028	2,784	4,222	2,649	2,401	19.89	52.08	32.62	25.03
Georgia	1,995	4,366	2,757	2,674	3,663	2,359	2,259	13.74	35.28	19.76	17.89
Florida	2,863	6,116	8,678	7,843	5,212	8,088	7,179	17.84	37.78	70.91	70.20
East South Central	2,094	4,203	2,881	3,039	3,484	2,466	2,528	16.28	36.96	25.89	25.75
Kentucky	2,986	5,587	3,727	4,177	4,823	3,278	3,535	21.83	48.62	30.95	29.86
Tennessee	2,490	4,953	3,497	3,639	4,055	3,006	3,025	18.53	41.40	31.06	28.64
Alabama	1,408	2,698	2,107	2,375	2,123	1,746	1,952	10.46	21.24	18.44	20.17
Mississippi	1,554	3,546	2,140	2,216	2,903	1,785	1,818	13.69	35.27	21.62	23.09
West South Central	4,069	7,652	5,600	6,222	6,316	4,875	5,263	16.06	31.18	25.31	26.19
Arkansas	1,864	3,974	2,833	2,682	3,238	2,436	2,261	14.13	34.82	26.91	25.41
Louisiana	2,499	4,354	2,914	3,108	3,499	2,451	2,590	17.99	38.29	28.49	33.52
Oklahoma	4,828	8,649	6,136	7,249	7,104	5,318	6,096	22.49	36.66	28.49	30.52
Texas	5,311	10,200	7,456	8,546	8,486	6,540	7,260	14.53	28.46	23.94	24.56
Mountain	9,581	16,727	11,818	13,518	12,958	9,310	10,188	19.73	23.88	13.96	12.95
Montana	13,269	17,095	12,257	14,914	13,468	9,709	11,109	16.74	19.73	11.90	9.92
Idaho	9,911	17,008	11,132	12,692	13,811	9,197	10,012	41.63	61.11	38.17	36.40
Wyoming	15,217	21,235	15,497	19,149	14,907	11,132	12,919	10.41	17.86	7.94	7.42
Colorado	10,645	17,966	12,277	13,266	14,449	10,211	10,497	26.81	31.22	20.44	17.69
New Mexico	4,469	10,896	7,457	9,334	7,432	5,520	6,619	8.77	8.04	5.46	5.86
Arizona	8,142	23,418	17,964	17,178	17,276	13,332	12,999	33.97	26.98	11.46	15.28
Utah	6,957	12,130	9,631	10,645	9,499	7,395	8,145	29.28	41.78	31.94	31.06
Nevada	22,462	31,546	25,260	28,236	20,947	17,512	18,626	12.99	25.18	14.43	13.15
Pacific	14,643	22,664	18,686	20,629	19,941	16,926	18,431	43.76	74.21	71.47	67.52
Washington	11,346	15,952	11,239	12,522	13,885	9,921	10,911	44.18	60.22	46.34	44.95
Oregon	11,609	16,304	12,778	13,705	13,449	11,019	11,438	35.23	43.29	35.75	30.33
California	18,308	29,158	25,107	27,680	26,122	23,111	25,203	47.16	94.77	101.34	97.76

Source: Bureau of the Census, Department of Commerce.

No. 513.—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	1,450,643	1,421,078	1,383,777	503,417	438,961	143,852	63,328
1930	6,288,648	918,121	1,440,388	1,374,965	1,342,927	520,593	451,338	159,696	80,620
New England	124,925	19,977	20,284	29,740	30,656	13,774	8,329	1,773	392
Maine	39,006	3,507	5,211	11,227	11,640	4,544	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	317	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	181,570	19,603	27,866	52,199	53,155	18,731	8,949	953	114
Illinois	214,497	16,839	21,654	41,578	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	33,064	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	192,363	345,867	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	57,893	97,502	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	558	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	1,108,134	153,202	326,965	244,315	212,422	68,182	61,435	21,891	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	28,319	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	13,100	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	36,989	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. 514.—NUMBER AND ACREAGE OF FARMS: By Size, for Each Division

Note.—For totals for United States see Tables 513 and 516

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	192,363	345,867	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	2,772	11,738	16,259	17,761	17,233	3,812	3,243
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. 515.—NUMBER OF FARMS: By Size and by Tenure and Color of Operator

Note.—"White" includes Mexicans and Hindus. "Colored" includes, Negroes, Indians, Chinese, Japanese, and all other nonwhite races

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	559,617
20 to 49 acres	902,777	1,257,496	1,414,376	1,503,732	1,450,643	1,440,388
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**	**2,482,608**	**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	67,155
Other tenants[1]	----------	----------	1,642,382	1,974,795	2,069,156	2,175,155
Northern and Western States	----------	----------	----------	----------	650,471	622,404
Number related to landlord	----------	----------	----------	----------	189,373	178,024
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**	**[2] 5,540,185**	**5,372,578**
Owners, total	----------	3,446,806	3,707,501	3,691,868	3,673,792	3,365,674
Owning entire farm	----------	3,025,931	3,159,088	3,174,109	3,153,839	2,752,787
Hiring additional land	----------	420,875	548,413	517,759	519,953	612,887
Managers	----------	57,261	56,560	66,223	40,033	52,767
Tenants, total	----------	1,465,541	1,676,558	1,740,363	1,826,360	1,954,137
Cash tenants[1]	----------	----------	447,851	373,835	314,692	387,834
Other tenants[1]	----------	----------	1,228,707	1,366,528	1,511,668	1,566,303
Colored farmers, total	----------	**767,764**	**920,883**	**949,889**	**[3] 831,455**	**916,070**
Owners, total	----------	206,517	241,221	233,222	194,540	202,720
Owning entire farm	----------	176,016	195,809	192,401	159,651	158,857
Hiring additional land	----------	30,501	45,412	40,821	34,889	43,863
Managers	----------	1,824	1,544	2,226	667	3,122
Tenants, total	----------	559,423	678,118	714,441	636,248	710,228
Cash tenants[1]	----------	----------	264,443	106,174	78,760	101,376
Other tenants[1]	----------	----------	413,675	608,267	557,488	608,852
COLORED FARMERS, BY RACE						
Total	----------	**767,764**	**920,883**	**949,889**	**[3] 831,455**	**[4] 916,070**
Negroes	----------	746,715	893,370	925,708	(5)	882,850
Indians	----------	19,910	24,251	16,680	(5)	26,817
Japanese	----------	39	2,502	6,892	(5)	5,840
Chinese	----------	1,100	760	609	(5)	476

[1] Standing renters included with "Cash tenants" in 1910; with "Cash tenants" for the Northern and Western States, and with "Other tenants" for the Southern States in 1920; and with "Other tenants" for all States in 1925 and 1930.
[2] Includes the few colored farmers in the North and the West.
[3] The South only.
[4] Includes 56 Filipinos, 30 Koreans, and 1 Hawaiian.
[5] Separate data not available.

Source: Bureau of the Census, Department of Commerce.

No. 516.—ACREAGE OF FARM LAND: BY SIZE OF FARM AND BY TENURE AND COLOR OF OPERATOR

NOTE.—"White" includes Mexicans and Hindus. "Colored" includes Negroes, Indians, Chinese, Japanese, and all other nonwhite races

[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	8,687	10,156	9,698	1.0	.9	1.1	1.0
20 to 49 acres	45,378	48,466	46,405	46,251	5.2	5.1	5.0	4.7
50 to 99 acres	103,121	105,631	101,906	98,685	11.7	11.1	11.0	10.0
100 to 174 acres	205,481	194,681	185,708	180,214	23.4	20.4	20.1	18.3
175 to 499 acres	265,289	276,807	258,204	266,786	30.2	29.0	28.0	27.0
500 to 999 acres	83,653	100,976	97,468	108,924	9.5	10.6	10.5	11.0
1,000 acres and over	167,082	220,636	224,472	276,213	19.0	23.1	24.3	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	*123,854*	*123,201*	88,502	85,154	*26.9*	*25.5*	25.7	23.7
175 to 499 acres	*161,776*	*170,075*	117,841	123,433	*33.8*	*33.8*	34.2	34.4
500 to 999 acres	*40,817*	*48,135*	32,273	39,992	*8.5*	*9.6*	9.4	11.1
1,000 acres and over	*31,263*	*37,729*	19,008	28,746	*6.5*	*7.5*	5.5	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	31.1
Cash tenants [3]	67,847	65,095	54,190	71,370	7.7	6.8	5.9	7.2
Other tenants [3]	158,666	199,885	210,696	235,039	18.0	20.9	22.8	23.8
Crop land, harvested, total [3]	[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*	*235,132*	138,649	124,328	*48.9*	*46.7*	40.2	34.6
Hiring additional land	*76,042*	*78,975*	60,759	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*	19,197	23,586	*8.7*	*6.8*	5.6	6.6
Other tenants [3]	*114,721*	*141,357*	120,645	126,986	*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)	337,481	*93.9*	*94.2*	(4)	93.9
Colored farmers	*29,033*	*29,298*	(4)	21,761	*6.1*	*5.8*	(4)	6.1

[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; with "Cash tenants" for the Northern and Western States, and with "Other tenants" for the Southern States in 1920; and with "Other tenants" for all States in 1925 and 1930.
[4] Not available.

Source: Bureau of the Census, Department of Commerce.

No. 517.—NUMBER OF FARMS: By Tenure and by States

Note.—Total number of farms (all tenures combined) in Table 509. Acreage by tenure in Table 518

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	602,183	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	838	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. 518.—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 509 and 511. 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—									Cropland harvested in 1929 on farms operated by—		
	Owners			Managers			Tenants					
	1920	1925	1930	1920	1925	1930	1920	1925	1930	Owners	Managers	Tenants
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	406
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	5,127	6,147	3,922	909	1,719

[1] Less than 500.

Source: Bureau of the Census, Department of Commerce.

No. 519.—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, 1930	
	Number of farms				All land in farms				Crop land 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	19.6	19.1
New England	8.0	7.4	5.6	6.3	7.8	7.7	5.9	6.6	6.4	7.0	25.9	30.2
Maine	4.3	4.2	3.4	4.5	3.6	3.8	3.0	3.7	3.1	3.9	28.3	36.4
New Hampshire	6.9	6.7	4.8	5.3	5.4	5.9	4.2	5.2	4.5	5.4	21.8	43.2
Vermont	12.3	11.6	9.3	9.7	13.7	13.3	10.7	10.7	12.7	12.0	24.9	25.1
Massachusetts	8.1	7.1	4.8	5.6	7.0	6.4	4.4	5.0	4.3	4.9	29.6	33.1
Rhode Island	18.0	15.5	12.1	12.5	18.2	15.9	12.1	14.8	12.1	14.6	16.7	38.8
Connecticut	9.8	8.5	6.4	6.2	9.9	8.9	6.7	7.0	6.5	6.8	25.3	28.5
Middle Atlantic	22.3	20.7	15.8	14.7	25.9	23.7	19.0	17.1	21.5	19.2	27.3	29.8
New York	20.8	19.2	14.1	13.2	24.4	22.4	17.2	15.5	18.8	16.7	27.8	29.0
New Jersey	24.8	23.0	15.9	15.6	30.4	28.5	23.5	21.5	25.3	22.9	21.3	27.4
Pennsylvania	23.3	21.9	17.4	15.9	27.1	24.7	20.6	18.6	24.1	21.5	28.0	30.6
East North Central	27.0	28.1	26.0	27.3	30.0	32.6	31.5	32.9	36.6	37.5	30.3	30.4
Ohio	28.4	29.5	25.5	26.3	31.4	33.8	30.9	31.2	35.4	35.1	28.0	31.2
Indiana	30.0	32.0	29.2	30.1	32.3	36.7	35.0	35.8	39.3	39.5	26.9	28.1
Illinois	41.4	42.7	42.0	43.1	43.6	46.9	47.1	48.7	51.5	52.9	30.5	28.2
Michigan	15.8	17.7	15.1	15.5	17.8	20.5	17.7	17.8	19.2	18.5	25.2	33.6
Wisconsin	13.9	14.4	15.5	18.2	15.8	17.0	18.4	21.4	19.8	22.5	37.2	39.6
West North Central	30.9	34.2	37.8	39.9	27.0	32.0	35.8	37.6	41.0	42.1	29.4	29.1
Minnesota	21.0	24.7	27.1	31.1	23.8	29.0	32.1	35.7	36.0	38.8	33.5	30.2
Iowa	37.8	41.7	44.7	47.3	39.0	44.4	47.5	50.3	50.2	52.8	32.8	31.4
Missouri	29.9	28.8	32.6	34.8	25.4	27.1	29.3	32.6	34.2	36.2	22.4	23.2
North Dakota	14.3	25.6	34.4	35.1	15.3	23.6	30.7	30.7	32.9	33.0	21.3	22.4
South Dakota	24.8	34.9	41.5	44.6	23.3	27.7	32.2	35.7	41.0	42.5	23.3	25.4
Nebraska	38.1	42.9	46.4	47.1	27.3	33.9	37.3	39.2	45.0	45.7	31.4	35.6
Kansas	36.8	40.4	42.2	42.4	30.6	37.0	39.5	39.0	44.0	42.4	22.1	33.0
South Atlantic	45.9	46.8	44.5	48.1	30.1	32.3	30.2	35.8	45.7	47.4	14.5	14.1
Delaware	41.9	39.3	35.8	33.8	52.1	49.9	46.5	43.4	49.1	43.7	14.4	13.4
Maryland	29.5	28.9	26.4	26.5	38.5	36.7	35.6	34.4	38.9	35.9	23.3	19.2
District of Columbia	38.7	41.7	28.1	23.1	35.9	35.1	21.2	13.8	19.6	14.6	8.7	------
Virginia	26.5	25.6	25.2	28.1	21.1	21.4	19.7	22.9	24.6	25.5	16.0	20.9
West Virginia	20.5	16.2	16.3	18.6	15.5	14.6	14.3	15.9	15.1	15.4	15.5	24.9
North Carolina	42.3	43.5	45.2	49.2	27.6	30.9	31.3	37.3	46.3	48.3	22.9	14.7
South Carolina	63.0	64.5	65.1	65.1	36.4	42.5	41.0	45.5	60.0	58.8	13.7	10.6
Georgia	65.6	66.6	63.8	68.2	42.0	46.0	42.2	51.1	59.3	63.9	12.5	12.7
Florida	26.7	25.3	21.3	28.4	13.1	13.0	11.0	21.7	23.2	27.9	8.9	16.3
East South Central	50.7	49.7	50.3	55.9	28.0	29.6	29.2	36.0	49.2	52.0	10.7	15.7
Kentucky	33.9	33.4	32.0	35.9	19.9	21.1	19.8	25.7	30.6	30.4	15.8	23.7
Tennessee	41.1	41.1	41.0	46.2	25.1	28.2	26.5	33.7	40.9	43.1	12.7	20.0
Alabama	60.2	57.9	60.7	64.7	34.2	35.8	38.3	44.5	59.6	61.9	9.7	16.6
Mississippi	66.1	66.1	68.3	72.2	33.7	34.5	34.4	41.7	63.0	67.0	9.8	9.7
West South Central	52.8	52.9	59.2	62.3	26.7	30.1	33.5	37.1	55.5	56.5	11.0	15.7
Arkansas	50.0	51.3	56.7	63.0	27.0	30.3	33.8	42.2	50.9	56.8	10.0	12.6
Louisiana	55.3	57.1	60.1	66.6	25.7	28.6	29.7	39.7	52.3	59.0	11.2	11.9
Oklahoma	54.8	51.0	58.6	61.5	43.1	39.3	45.1	48.3	52.2	53.5	7.2	16.1
Texas	52.6	53.3	60.4	60.9	22.5	27.6	30.5	33.2	58.7	57.6	15.6	18.3
Mountain	10.7	15.4	22.2	24.4	10.5	11.5	14.5	16.0	25.3	26.3	13.5	18.7
Montana	8.9	11.3	21.9	24.5	10.9	9.3	16.7	16.8	22.4	21.4	11.9	14.7
Idaho	10.3	15.9	24.4	25.3	10.7	14.2	20.4	19.9	26.1	26.4	15.3	21.3
Wyoming	8.2	12.5	17.9	22.0	6.2	8.3	8.9	10.7	18.1	20.2	12.5	17.9
Colorado	18.2	23.0	30.9	34.5	16.7	17.4	22.7	24.8	33.9	36.7	12.1	17.8
New Mexico	5.5	12.2	17.1	20.2	8.7	11.0	11.9	11.7	23.2	27.9	11.6	16.4
Arizona	9.3	18.1	21.5	16.4	8.6	10.2	8.8	9.6	26.0	25.1	6.5	15.9
Utah	7.9	10.9	11.1	12.2	5.7	7.4	6.9	9.0	11.7	12.2	26.2	41.1
Nevada	12.4	9.4	7.9	12.9	5.8	6.0	4.6	24.5	6.2	10.0	16.0	22.8
Pacific	17.2	20.1	15.6	17.7	19.8	22.8	19.7	20.8	27.1	27.7	12.7	21.2
Washington	13.7	18.7	16.3	17.0	17.7	26.0	25.4	26.6	32.5	32.9	15.0	26.7
Oregon	15.1	18.8	16.8	17.8	16.1	19.8	16.8	17.1	25.7	24.3	19.1	27.7
California	20.6	21.4	14.7	18.0	22.2	22.8	18.6	20.2	24.8	26.2	9.4	15.1

Source: Bureau of the Census, Department of Commerce.

No. 520.—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 509. "White" includes Mexicans and Hindus. "Colored" includes Negroes, Indians, Chinese, Japanese, and all other nonwhite races

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	231,350	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. 521.—NUMBER OF FARMS IN THE SOUTH: By Color and Tenure of Operator, 1930

Note.—See headnote Table 520

	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	104,166	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. 522.—ACREAGE OF FARMS IN THE SOUTH: By Color and Tenure of Operator, 1930

[All figures in thousands of acres. See headnote Table 520]

	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	763	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	193	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. 523.—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 510, p. 538

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	8,136	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	757	91	130	405	443
Pacific	2,572	2,435	576	851	297	399	531	529
	Value of implements 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	10,187	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. 524.—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 9.9 per cent of the owned farms in 1920 and 6.3 per cent in 1930. The 1925 schedule called only for the amount of mortgages on farms

Division and State	All owned farms (number)			Free from mortgage (number)		Mortgaged (number)		
	1920	1925	1930	1920	1930	1920	1925	1930
United States	3,925,090	3,868,332	3,568,394	2,074,325	1,845,997	1,461,306	1,395,026	1,497,766
New England	140,160	148,159	114,104	80,412	58,788	53,138	49,864	49,675
Maine	45,437	47,984	36,748	30,665	22,535	13,023	11,925	11,933
New Hampshire	18,604	19,895	13,755	11,992	7,704	5,389	4,716	4,925
Vermont	25,121	24,889	22,009	12,132	9,945	12,225	10,850	11,634
Massachusetts	28,087	30,870	23,198	14,055	9,961	12,632	12,248	12,159
Rhode Island	3,245	3,263	2,808	1,971	1,619	949	946	1,026
Connecticut	19,666	21,258	15,586	9,597	7,024	8,920	9,179	7,998
Middle Atlantic	327,104	348,179	299,095	179,326	163,718	125,216	110,810	120,417
New York	151,717	159,949	136,041	75,522	68,786	66,633	61,905	61,546
New Jersey	21,889	24,535	20,771	10,000	9,316	10,085	10,118	10,663
Pennsylvania	153,498	163,695	142,283	93,804	85,616	48,498	38,787	48,208
East North Central	766,786	771,876	693,892	382,771	342,455	326,313	305,046	318,108
Ohio	177,986	181,347	159,849	110,004	94,179	50,784	47,800	56,088
Indiana	137,210	137,429	125,517	73,233	61,731	51,474	49,960	56,908
Illinois	132,574	129,074	119,892	68,892	62,990	51,039	45,814	49,459
Michigan	159,406	161,974	141,647	72,869	68,046	78,758	70,853	68,973
Wisconsin	159,610	162,052	146,987	57,773	55,509	94,258	90,619	86,680
West North Central	711,156	685,797	661,115	278,906	271,396	368,158	350,991	361,596
Minnesota	132,744	136,382	126,570	54,086	53,830	69,545	66,319	68,070
Iowa	121,888	116,444	111,333	45,807	41,371	66,096	64,781	64,425
Missouri	185,030	174,383	165,318	82,099	80,056	85,538	76,970	80,184
North Dakota	56,917	49,513	50,105	12,833	14,124	40,462	31,602	33,590
South Dakota	47,815	46,160	45,609	16,037	15,394	27,262	28,813	27,287
Nebraska	69,672	67,766	67,418	27,065	24,893	35,191	38,279	38,961
Kansas	97,090	95,149	94,762	40,979	41,728	44,064	44,227	49,079
South Atlantic	607,089	609,304	539,930	408,804	350,970	118,026	126,338	145,935
Delaware	6,010	6,515	6,260	3,504	3,470	2,018	1,748	2,407
Maryland	32,805	35,138	30,823	19,292	17,575	11,339	10,513	11,648
Dist. of Columbia	100	81	59	53	35	29	19	20
Virginia	136,363	143,587	121,104	98,470	87,031	24,331	27,075	27,614
West Virginia	72,101	74,943	66,573	52,617	49,259	10,274	9,104	11,557
North Carolina	151,376	154,805	141,445	102,950	89,364	24,499	29,918	39,232
South Carolina	67,724	59,969	54,470	42,847	32,222	14,299	15,521	18,320
Georgia	102,123	88,680	79,802	64,061	46,479	23,135	24,083	25,417
Florida	38,487	45,586	39,394	25,010	25,535	8,102	8,857	9,720
East South Central	525,808	497,825	465,348	339,312	282,467	124,723	119,931	144,803
Kentucky	179,327	175,442	157,403	116,613	103,780	40,615	34,688	38,180
Tennessee	148,082	148,627	131,526	105,128	87,010	32,264	30,703	34,415
Alabama	107,089	92,948	90,372	64,498	47,406	27,854	27,790	36,417
Mississippi	91,310	80,808	86,047	53,073	44,271	23,990	26,750	35,791
West South Central	464,328	412,064	410,397	236,932	209,049	162,738	147,212	165,398
Arkansas	112,647	95,476	89,009	64,881	47,494	33,990	31,419	33,702
Louisiana	57,254	52,386	53,159	36,010	30,339	11,783	14,424	17,680
Oklahoma	93,217	81,226	77,714	30,551	31,776	47,025	39,263	38,558
Texas	201,210	182,976	190,515	105,490	99,440	69,940	62,106	75,458
Mountain	202,515	179,198	178,898	88,731	77,774	97,038	84,939	85,279
Montana	50,271	36,281	35,353	16,365	14,498	29,897	19,818	18,992
Idaho	34,647	30,195	30,512	11,872	11,466	20,060	16,509	17,418
Wyoming	13,403	12,545	12,195	6,816	4,772	5,513	6,088	6,493
Colorado	45,291	39,517	38,426	20,965	15,741	21,131	20,997	20,016
New Mexico	25,756	26,005	24,740	16,650	15,655	6,257	6,897	5,727
Arizona	7,869	8,179	11,294	3,708	4,822	3,380	3,276	3,606
Utah	22,579	23,013	23,608	10,756	9,488	9,916	10,190	11,877
Nevada	2,699	3,463	2,770	1,599	1,332	884	1,164	1,150
Pacific	180,144	215,930	205,615	79,131	89,380	85,956	99,395	106,555
Washington	52,701	60,389	57,588	25,012	25,774	24,004	27,604	28,831
Oregon	39,863	45,887	44,521	18,077	19,754	17,843	20,990	23,070
California	87,580	109,654	103,506	36,042	43,852	44,109	50,801	54,654

Source: Bureau of the Census, Department of Commerce.

No. 525.—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

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)		
	1920	1925	1930	1920	1925	1930	1920	1925	1930
United States	1,193,047	1,128,207	1,145,737	13,775,500	10,790,244	10,307,732	4,003,767	4,517,259	4,080,176
New England	49,456	47,817	45,760	271,163	272,769	323,653	91,756	109,361	117,387
Maine	12,345	11,632	11,198	58,427	59,644	66,734	18,592	24,619	22,539
New Hampshire	4,951	4,591	4,543	20,274	18,264	22,706	6,821	7,209	8,200
Vermont	11,504	10,431	10,884	61,071	51,883	61,755	23,576	24,057	26,376
Massachusetts	11,663	11,660	11,025	70,745	76,362	94,302	23,412	28,402	34,060
Rhode Island	856	869	892	4,865	5,185	7,992	1,494	1,971	2,655
Connecticut	8,137	8,634	7,218	55,781	61,431	70,164	17,861	23,102	23,557
Middle Atlantic	113,441	104,317	109,945	711,868	696,005	853,011	258,397	286,334	333,001
New York	59,735	57,245	55,110	388,114	397,889	435,168	145,533	165,622	170,460
New Jersey	9,296	9,824	9,920	67,176	81,964	106,900	25,123	31,893	39,797
Pennsylvania	44,410	37,248	44,915	256,577	216,152	310,943	87,741	88,818	122,744
East N. Central	274,347	255,246	251,907	2,959,228	2,290,825	2,114,502	922,266	1,011,942	950,569
Ohio	43,068	41,110	45,628	387,188	307,622	333,723	121,121	134,738	143,090
Indiana	40,416	38,734	41,210	439,153	300,320	278,866	105,256	119,621	112,185
Illinois	36,663	31,354	32,226	775,395	535,833	454,764	197,212	218,544	199,229
Michigan	67,119	60,707	55,663	420,108	351,799	339,467	144,103	149,683	141,035
Wisconsin	87,081	83,341	77,180	937,385	795,252	707,682	354,574	389,356	355,030
West N. Central	266,281	239,431	228,199	5,414,232	3,660,025	2,966,693	1,437,337	1,642,124	1,286,834
Minnesota	57,585	52,184	49,667	925,963	612,428	526,964	254,475	267,027	235,114
Iowa	52,341	49,744	47,051	1,814,260	1,272,036	934,084	489,817	625,629	452,903
Missouri	68,784	59,494	58,113	752,008	493,793	413,926	216,463	220,265	187,864
North Dakota	22,623	15,597	13,983	380,133	200,549	158,460	108,285	82,411	60,444
South Dakota	14,039	13,511	11,157	411,837	234,807	166,808	89,875	100,306	64,359
Nebraska	23,986	23,631	22,713	705,561	512,906	444,850	168,508	216,256	172,343
Kansas	26,923	25,270	25,515	424,469	333,506	321,601	109,914	130,231	113,807
South Atlantic	103,039	113,567	122,943	652,812	670,906	688,262	192,669	249,235	241,605
Delaware	1,903	1,723	2,199	11,422	9,874	14,137	4,460	4,326	5,617
Maryland	10,407	10,118	10,524	75,082	69,717	83,644	27,481	29,575	32,864
Dist. of Col	24	16	17	238	222	383	93	77	89
Virginia	21,155	24,269	23,282	151,585	159,208	169,030	41,726	55,890	53,425
West Virginia	9,031	8,409	10,292	43,989	38,533	52,207	11,206	13,828	16,261
North Carolina	20,149	24,983	31,065	103,282	119,996	133,587	31,968	43,621	49,671
South Carolina	12,265	13,669	15,135	92,053	80,251	66,015	25,153	32,564	26,447
Georgia	20,797	22,024	21,992	124,579	122,228	89,402	37,671	51,076	35,624
Florida	7,308	8,356	8,437	50,581	70,877	79,857	12,910	18,279	21,607
East S. Central	109,619	103,782	120,346	570,595	482,813	486,077	176,102	202,449	166,664
Kentucky	35,531	29,782	31,471	230,557	150,923	163,603	67,116	65,403	62,778
Tennessee	27,496	25,770	27,673	159,001	131,288	129,553	49,836	53,890	49,750
Alabama	24,748	23,659	29,617	81,889	79,541	94,205	29,103	33,328	37,422
Mississippi	21,844	24,571	31,585	99,149	121,061	98,716	30,046	49,829	36,734
West S. Central	131,550	117,523	122,321	1,134,848	924,782	952,691	304,632	345,423	322,234
Arkansas	29,504	26,489	26,669	129,348	115,471	92,603	38,539	46,283	35,388
Louisiana	10,301	12,958	14,983	68,362	70,564	70,066	20,491	30,270	26,675
Oklahoma	34,045	27,366	24,097	272,616	184,013	181,340	73,434	73,079	60,932
Texas	57,700	50,710	56,572	664,523	554,735	608,682	172,167	195,790	199,239
Mountain	74,118	59,368	55,714	927,906	543,823	559,443	283,424	234,899	206,919
Montana	21,244	11,754	9,612	240,550	95,174	92,696	77,950	42,565	36,599
Idaho	17,142	12,997	13,210	223,649	121,917	128,334	69,868	54,912	50,225
Wyoming	3,937	3,653	3,721	55,610	33,654	38,177	15,303	14,865	12,782
Colorado	15,735	14,444	12,665	211,701	144,065	127,163	62,623	61,408	48,855
New Mexico	4,331	4,828	3,623	43,085	31,215	32,748	11,178	11,579	10,025
Arizona	2,876	2,628	2,775	50,453	36,330	37,254	15,648	13,321	11,618
Utah	8,086	7,996	9,135	84,578	59,172	82,583	24,335	26,164	28,741
Nevada	767	1,068	973	18,281	22,296	20,488	6,519	10,084	8,074
Pacific	71,196	87,156	88,602	1,132,848	1,248,296	1,363,400	337,184	435,493	434,943
Washington	19,503	23,412	23,813	202,018	199,425	221,341	61,121	74,212	72,303
Oregon	14,355	17,393	18,183	166,663	174,196	186,174	51,999	65,592	64,117
California	37,338	46,351	46,606	764,166	874,675	955,885	224,064	295,689	298,523

Source: Bureau of the Census, Department of Commerce.

No. 526.—MORTGAGE STATUS OF FARMS OWNED BY OPERATOR

Item	1900 [1]	1910	1920	1925	1930
FARMS OWNED WHOLLY OR IN PART BY THE OPERATOR					
Total number	3,638,403	3,948,722	3,925,090	3,868,332	3,568,394
Reported as free from mortgage	2,419,180	2,588,596	2,074,325	(2)	1,845,997
Reported as mortgaged	1,093,164	1,312,034	1,461,306	[3] 1,395,026	1,497,766
Unknown (no report)	126,059	48,092	389,459	(2)	224,631
Percent of total:					
Free from mortgage	66.5	65.6	52.8	(2)	51.7
Reported as mortgaged	30.0	33.2	37.2	[3] 36.1	42.0
Unknown (no report)	3.5	1.2	9.9	(2)	6.3
FARMS OWNED WHOLLY BY THE OPERATOR					
Total number	3,201,947	3,354,897	3,366,510	3,313,490	2,911,644
Number reporting amount of mortgage debt	(2)	1,006,511	1,193,047	[3] 1,128,207	1,145,737
Percent of total	(2)	30.0	35.4	34.0	39.4
Value of all wholly owned farms (land and buildings) 1,000 dollars	9,129,328	17,310,639	30,710,721	24,208,740	21,123,468
Ratio of mortgage debt to value percent	(2)	10.0	13.0	18.7	19.3
Reporting mortgage debt:					
Total number	(2)	1,006,511	1,193,047	[3] 1,128,207	1,145,737
Value of land and buildings 1,000 dollars	(2)	6,330,237	13,775,500	10,790,244	10,307,732
Amount of mortgage debt do	(2)	1,726,173	4,003,767	4,517,259	4,080,176
Ratio of mortgage debt to value percent	(2)	27.3	29.1	41.9	39.6
Average per mortgaged farm:					
Value of land and buildings dollars	(2)	6,289	11,546	9,564	8,997
Amount of mortgage debt do	(2)	1,715	3,356	4,004	3,561
Equity owned do	(2)	4,574	8,190	5,560	5,436

[1] Farm homes occupied by their owners. [2] Not reported.
[3] Number reporting amount of mortgage debt on farm land and buildings anywhere in the United States.

Source: Bureau of the Census, Department of Commerce.

No. 527.—NUMBER OF FARMS: By Kind of Road on Which Located, 1930

Kind of road	United States	New England	Middle Atlantic	East North Central	West North Central
Total number of farms	6,288,648	124,925	357,603	966,502	1,112,755
Kind of road located on:					
Concrete	202,594	3,185	35,395	60,022	20,704
Brick	13,180	7	1,714	8,372	1,136
Asphalt	72,011	1,892	4,743	5,859	1,115
Macadam	306,397	18,894	64,821	91,538	7,290
Gravel	1,279,113	31,460	35,833	395,149	209,730
Sand-clay	156,531	456	1,257	4,915	5,102
Improved dirt	1,638,954	18,449	38,679	131,642	423,792
Unimproved dirt	2,279,989	45,588	160,903	231,416	401,660
All other (including not reported)	339,879	4,994	14,258	37,589	42,226

Kind of road	South Atlantic	East South Central	West South Central	Mountain	Pacific
Total number of farms	1,058,468	1,082,214	1,103,134	241,314	261,733
Kind of road located on:					
Concrete	31,032	11,875	14,093	4,409	21,879
Brick	1,521	163	179	3	85
Asphalt	22,704	9,015	17,405	864	8,414
Macadam	37,188	48,221	4,822	2,748	30,875
Gravel	64,802	249,862	152,481	51,806	87,990
Sand-clay	109,792	19,991	13,810	912	296
Improved dirt	268,212	242,765	406,718	70,365	38,332
Unimproved dirt	457,086	419,195	422,303	92,007	49,831
All other (including not reported)	66,131	61,127	71,323	18,200	24,031

Source: Bureau of the Census, Department of Commerce.

No. 528.—FARM MACHINERY AND

Division and State	Telephones		Water piped into dwelling		Water piped into bathroom		Dwellings lighted by electricity		Automobiles		
	Farms reporting	Per cent of all farms	Farms reporting	Per cent of all farms	Farms reporting	Per cent of all farms	Farms reporting	Per cent of all farms	Number	Farms reporting	Per cent of all farms
United States	2,139,194	34.0	994,202	15.8	531,248	8.4	841,310	13.4	4,134,675	3,650,003	58.0
New England	76,284	61.1	79,815	63.9	32,684	26.2	53,655	42.9	89,287	75,566	60.5
Maine	22,189	56.9	19,121	49.0	4,918	12.6	12,920	33.1	26,227	23,015	59.0
New Hampshire	9,313	62.5	10,995	73.8	3,857	25.9	6,160	41.3	11,079	9,288	62.3
Vermont	15,093	60.6	18,013	72.3	6,185	24.8	7,565	30.4	18,620	15,825	63.6
Massachusetts	16,581	64.8	19,083	74.5	10,939	42.7	16,037	62.6	17,638	14,737	57.6
Rhode Island	1,742	52.4	1,887	56.8	1,027	30.9	1,910	57.5	2,569	2,055	61.9
Connecticut	11,366	66.1	10,716	62.3	5,758	33.5	9,063	52.7	13,154	10,646	61.9
Middle Atlantic	161,879	45.3	135,699	37.9	63,766	17.8	114,098	31.9	316,509	254,084	71.1
New York	78,185	48.9	59,276	37.1	29,555	18.5	55,019	34.4	141,916	115,010	72.0
New Jersey	10,373	40.9	12,359	48.7	8,162	32.2	13,441	53.0	22,371	17,782	70.1
Pennsylvania	73,321	42.5	64,064	37.2	26,049	15.1	45,638	26.5	152,222	121,292	70.3
East North Central	560,462	58.0	211,272	21.9	92,489	9.6	202,656	21.0	876,667	770,108	79.7
Ohio	121,214	55.3	64,104	29.2	24,320	11.1	56,740	25.9	201,552	172,078	78.5
Indiana	110,333	60.8	35,451	19.5	14,380	7.9	30,335	16.7	154,556	141,374	77.9
Illinois	147,672	68.8	42,391	19.8	23,583	11.0	34,231	16.0	192,873	170,606	79.5
Michigan	73,757	43.5	40,872	24.1	15,673	9.3	34,785	20.5	150,922	133,565	78.9
Wisconsin	107,486	59.1	28,454	15.7	14,533	8.0	46,565	25.6	176,764	152,485	83.9
West North Central	724,545	65.1	180,402	16.2	94,108	8.5	146,969	13.2	1,075,578	920,814	82.8
Minnesota	114,693	61.9	23,124	12.5	11,183	6.0	23,342	12.6	185,717	159,372	86.0
Iowa	180,876	84.2	51,635	24.0	31,435	14.6	46,042	21.4	240,512	193,810	90.2
Missouri	137,712	53.8	21,308	8.3	10,881	4.3	20,223	7.9	176,466	164,087	64.1
North Dakota	31,878	40.9	5,844	7.5	2,537	3.3	6,192	7.9	78,798	67,496	86.6
South Dakota	44,608	53.6	12,089	14.5	4,657	5.6	9,070	10.9	81,923	71,965	86.5
Nebraska	93,888	72.5	38,357	29.6	17,817	13.8	21,380	16.5	141,144	118,860	91.8
Kansas	120,890	72.8	28,045	16.9	15,598	9.4	20,720	12.5	171,018	145,224	87.5
South Atlantic	117,464	11.1	66,763	6.3	41,354	3.9	64,173	6.1	481,693	445,454	42.1
Delaware	2,420	24.9	1,500	15.5	1,033	10.6	1,561	16.1	8,724	7,498	77.2
Maryland	11,935	27.6	10,354	24.0	6,173	14.3	9,145	21.2	37,972	30,519	70.6
Dist. of Col	69	66.3	48	46.2	43	41.3	67	64.4	60	45	43.3
Virginia	30,418	17.8	15,291	9.0	10,032	5.9	13,009	7.6	88,463	80,296	47.1
West Virginia	28,117	34.0	9,650	11.7	3,848	4.7	5,330	6.4	36,978	33,434	40.5
North Carolina	19,852	7.1	9,308	3.3	5,351	1.9	15,006	5.4	132,876	125,196	44.8
South Carolina	6,357	4.0	5,176	3.3	3,757	2.4	6,067	3.8	61,754	59,029	37.4
Georgia	14,771	5.8	7,877	3.1	4,959	1.9	7,499	2.9	88,479	85,276	33.4
Florida	3,525	6.0	7,559	12.8	6,158	10.4	6,489	11.0	26,387	24,161	41.0
East South Central	142,204	13.4	27,171	2.6	17,316	1.6	31,952	3.0	335,003	320,640	30.2
Kentucky	61,631	25.0	8,378	3.4	5,128	2.1	10,691	4.3	86,784	82,034	33.3
Tennessee	45,205	18.4	8,018	3.3	4,903	2.0	10,010	4.1	89,022	84,067	34.2
Alabama	19,510	7.6	5,182	2.0	3,194	1.2	6,459	2.5	73,634	71,167	27.6
Mississippi	15,858	5.1	5,593	1.8	4,091	1.3	4,792	1.5	85,563	83,372	26.7
West South Central	181,647	16.5	88,376	8.0	50,281	4.6	40,240	3.6	536,641	503,548	45.6
Arkansas	25,046	10.3	3,690	1.5	2,392	1.0	5,121	2.1	65,935	63,800	26.3
Louisiana	6,106	3.8	4,964	3.1	3,841	2.4	4,174	2.6	43,082	41,453	25.7
Oklahoma	53,149	26.1	10,820	5.3	6,521	3.2	8,091	4.0	127,448	117,537	57.7
Texas	97,346	19.6	68,902	13.9	37,527	7.6	22,854	4.6	300,176	280,758	56.7
Mountain	68,217	28.3	48,324	20.0	26,303	10.9	49,173	20.4	183,020	163,303	67.7
Montana	9,697	20.4	5,382	11.3	2,608	5.5	3,547	7.5	38,166	34,477	72.6
Idaho	15,733	37.8	9,970	23.9	5,227	12.5	12,809	30.7	33,966	30,776	73.8
Wyoming	4,483	28.0	1,995	12.5	982	6.1	1,145	7.2	12,824	11,462	71.6
Colorado	23,877	39.8	12,314	20.5	6,183	10.3	9,393	15.7	52,258	45,546	76.0
New Mexico	2,879	9.2	2,804	8.9	1,626	5.2	1,691	5.4	15,395	14,091	44.9
Arizona	2,672	18.9	4,083	28.8	2,772	19.6	3,671	25.9	9,916	8,211	57.9
Utah	7,416	27.3	10,561	38.9	6,157	22.7	15,778	58.1	17,574	16,343	60.2
Nevada	1,460	42.4	1,215	35.3	748	21.7	1,139	33.1	2,921	2,397	69.6
Pacific	106,492	40.7	156,380	59.7	112,947	43.2	138,394	52.9	240,277	196,486	75.1
Washington	31,764	44.8	34,476	48.6	20,726	29.2	34,056	48.0	55,995	50,769	71.6
Oregon	26,557	48.2	24,265	44.0	15,217	27.6	18,397	33.4	47,440	41,511	75.3
California	48,171	35.5	97,639	72.0	77,004	56.8	85,941	63.3	136,842	104,206	76.8

Source: Bureau of the Census, Department of Commerce.

FACILITIES: By States, 1930

Motor trucks			Tractors			Electric motors for farm work			Stationary gas engines			Division and State
Number	Farms reporting	Per cent of all farms	Number	Farms reporting	Per cent of all farms	Number	Farms reporting	Per cent of all farms	Number	Farms reporting	Per cent of all farms	
900,385	845,335	13.4	920,021	851,457	13.5	386,191	256,663	4.1	1,131,108	945,000	15.0	U. S.
37,972	33,328	26.7	14,109	13,111	10.5	23,706	14,792	11.8	34,481	27,828	22.3	N. E.
10,781	9,879	25.3	3,410	3,214	8.2	5,575	3,447	8.8	8,342	7,005	18.0	Me.
4,539	4,051	27.2	1,096	1,013	6.8	2,416	1,561	10.5	3,725	3,020	20.3	N. H.
5,035	4,625	18.6	2,426	2,342	9.4	3,645	2,358	9.5	10,962	8,437	33.9	Vt.
9,572	7,982	31.2	3,921	3,563	13.9	6,846	4,266	16.7	5,283	4,328	16.9	Mass
1,701	1,366	41.1	589	516	15.5	1,181	646	19.4	707	544	16.4	R. I.
6,344	5,425	31.5	2,667	2,463	14.3	4,043	2,514	14.6	5,462	4,494	26.1	Conn.
120,789	109,756	30.7	81,970	76,719	21.5	48,682	32,311	9.0	131,099	103,864	29.0	M. A.
58,974	54,084	33.8	40,369	37,790	23.6	24,342	16,012	10.0	64,723	50,094	31.3	N. Y.
14,753	12,504	49.3	8,088	7,241	28.5	5,879	4,102	16.2	9,036	6,963	27.4	N. J.
47,062	43,168	25.0	33,513	31,688	18.4	18,461	12,197	7.1	57,340	46,807	27.1	Pa.
198,172	189,040	19.6	249,333	238,995	24.7	96,552	65,344	6.8	334,688	281,878	29.2	E. N. C.
39,210	36,693	16.7	52,974	50,693	23.1	21,278	14,000	6.4	52,508	45,108	20.6	Ohio.
30,037	28,468	15.7	41,979	40,402	22.3	11,030	7,795	4.3	39,380	35,192	19.4	Ind.
40,371	38,877	18.1	69,628	66,172	30.8	15,557	10,452	4.9	79,300	66,640	31.1	Ill.
36,768	34,894	20.6	34,579	33,098	19.5	14,892	10,285	6.1	55,366	46,574	27.5	Mich.
51,786	50,108	27.6	50,173	48,630	26.8	33,795	22,812	12.6	108,134	88,364	48.6	Wis.
180,857	174,764	15.7	318,160	295,160	26.5	78,006	49,972	4.5	422,474	356,995	32.1	W. N. C.
36,557	35,503	19.2	48,457	46,171	24.9	19,926	11,721	6.3	112,376	93,382	50.4	Minn.
32,669	31,874	14.8	66,258	63,166	29.4	27,801	17,277	8.0	114,977	94,772	44.1	Iowa.
20,132	19,215	7.5	24,999	23,673	9.2	4,949	3,580	1.4	31,718	27,477	10.7	Mo.
16,990	16,502	21.2	37,605	34,148	43.8	4,878	3,203	4.1	44,165	35,226	45.2	N. D.
14,816	14,485	17.4	33,837	30,972	37.2	4,686	3,283	3.9	34,475	29,765	35.8	S. D.
26,045	25,176	19.4	40,729	37,955	29.3	8,303	5,807	4.5	45,902	41,945	32.4	Nebr.
33,648	32,009	19.3	66,275	59,075	35.6	7,463	5,101	3.1	38,861	34,428	20.7	Kans.
94,946	88,019	8.3	47,376	43,983	4.2	16,083	11,209	1.1	42,900	36,595	3.5	S. A.
2,996	2,781	28.6	1,600	1,447	14.9	513	384	4.0	1,788	1,453	15.0	Del.
11,284	10,205	23.6	7,208	6,744	15.6	3,669	2,557	5.9	9,330	7,832	18.1	Md.
81	57	54.8	17	15	14.4	8	7	6.7	10	8	7.7	D. C.
19,459	17,964	10.5	9,757	9,142	5.4	3,632	2,427	1.4	10,298	8,959	5.3	Va.
7,432	6,936	8.4	2,792	2,641	3.2	1,269	884	1.1	4,314	3,705	4.5	W. Va.
18,558	17,613	6.3	11,426	11,034	3.9	2,320	1,633	.6	4,981	4,547	1.6	N. C.
6,966	6,575	4.2	3,462	3,229	2.0	945	757	.5	2,677	2,358	1.5	S. C.
15,967	15,036	5.9	5,870	5,349	2.1	1,246	968	.4	5,000	4,130	1.6	Ga.
12,203	10,852	18.4	5,244	4,382	7.4	2,481	1,592	2.7	4,502	3,603	6.1	Fla.
45,568	43,234	4.1	24,393	22,584	2.1	4,691	3,509	.3	14,892	13,284	1.3	E. S. C.
7,188	6,740	2.7	7,322	6,951	2.8	1,484	1,121	.5	5,326	4,821	2.0	Ky.
9,039	8,563	3.5	6,865	6,556	2.7	1,603	1,216	.5	4,895	4,382	1.8	Tenn.
12,838	12,169	4.7	4,664	4,259	1.7	972	678	.3	2,485	2,154	.8	Ala.
16,503	15,762	5.0	5,542	4,818	1.5	632	494	.2	2,186	1,927	.6	Miss.
96,791	92,300	8.4	74,010	63,177	5.7	9,862	7,305	.7	35,706	30,671	2.8	W. S. C.
11,000	10,526	4.3	5,684	4,263	1.8	1,460	1,056	.4	4,730	3,911	1.6	Ark.
9,281	8,769	5.4	5,016	3,810	2.4	633	510	.3	2,639	2,072	1.3	La.
23,930	23,039	11.3	25,962	23,328	11.4	2,418	1,688	.8	9,363	8,499	4.2	Okla.
52,580	49,966	10.1	37,348	31,776	6.4	5,351	4,051	.8	18,974	16,189	3.3	Tex.
55,742	52,488	21.8	48,007	43,171	17.9	17,551	11,751	4.9	46,133	38,671	16.0	Mt.
14,615	13,783	29.0	19,031	17,093	36.0	1,708	1,088	2.3	13,639	11,588	24.4	Mont.
6,281	5,986	14.4	4,691	4,377	10.5	6,713	4,406	10.6	10,024	8,252	19.8	Idaho.
4,108	3,820	23.9	4,110	3,749	23.4	481	315	2.0	3,424	2,929	18.3	Wyo.
16,918	16,052	26.8	13,334	12,029	20.1	3,299	2,289	3.8	11,470	9,970	16.6	Colo.
5,328	5,024	16.0	2,497	2,227	7.1	580	393	1.3	2,018	1,567	5.0	N. M.
3,062	2,719	19.2	2,558	2,043	14.4	2,054	1,427	10.1	3,095	2,357	16.6	Ariz.
4,189	3,986	14.7	1,426	1,335	4.9	1,756	1,269	4.7	1,236	1,111	4.1	Utah.
1,241	1,118	32.5	360	318	9.2	960	564	16.4	1,227	897	26.1	Nev.
69,548	62,406	23.8	62,663	54,557	20.8	91,058	60,470	23.1	68,735	55,214	21.1	Pac.
18,836	17,622	24.9	8,388	7,890	11.1	15,788	10,751	15.2	18,762	15,373	21.7	Wash.
9,741	9,110	16.5	9,838	9,157	16.6	9,010	6,043	11.0	17,189	13,633	24.7	Oreg.
40,971	35,674	26.3	44,437	37,510	27.6	66,260	43,676	32.2	32,784	26,208	19.3	Calif.

No. 529.—FARM EXPENDITURES FOR

[Amounts in thou-

Division and State	Feed			Fertilizer					
							Commercial fertilizer		
	Farms reporting	Per cent of all farms	Amount expended	Farms reporting	Per cent of all farms	Amount expended	Farms reporting	Per cent of all farms	Tons bought
United States	3,283,400	52.2	919,190	2,324,090	37.0	271,059	2,239,546	35.6	7,535,022
New England	104,673	83.8	67,416	68,537	54.9	15,413	68,318	54.7	345,303
Maine	30,493	78.2	11,498	23,953	61.4	7,288	23,865	61.2	170,950
New Hampshire	12,716	85.3	7,623	6,960	46.7	440	6,947	46.6	11,500
Vermont	21,900	88.0	11,547	11,945	48.0	681	11,928	47.9	17,443
Massachusetts	21,634	84.5	20,671	14,289	55.8	3,015	14,232	55.6	68,611
Rhode Island	2,892	87.1	3,047	1,890	56.9	336	1,872	56.4	7,909
Connecticut	15,038	87.5	13,030	9,500	55.2	3,653	9,474	55.1	68,890
Middle Atlantic	293,504	82.1	154,687	224,819	62.9	30,202	206,325	57.7	798,433
New York	131,917	82.5	77,400	90,500	56.6	11,506	81,424	51.0	287,959
New Jersey	20,970	82.6	20,829	16,948	66.8	6,583	16,913	66.6	162,361
Pennsylvania	140,617	81.6	56,458	117,371	68.1	12,113	107,988	62.6	348,113
East North Central	642,422	66.5	146,850	350,789	36.3	29,284	318,594	33.0	773,057
Ohio	140,122	63.9	32,604	131,372	59.9	11,028	129,486	59.0	330,444
Indiana	113,734	62.6	26,135	83,006	45.7	7,054	81,679	45.0	206,144
Illinois	143,337	66.8	35,973	30,639	14.3	3,594	15,143	7.1	53,800
Michigan	107,275	63.3	21,051	72,128	42.6	5,474	66,550	39.3	140,083
Wisconsin	137,954	75.9	31,087	33,644	18.5	2,134	25,736	14.2	42,586
West North Central	678,626	61.0	214,676	67,978	6.1	4,472	56,419	5.1	106,332
Minnesota	113,627	61.3	19,679	9,402	5.1	714	8,968	4.8	15,803
Iowa	145,500	67.7	53,703	15,767	7.3	1,171	10,015	4.7	21,177
Missouri	167,613	65.5	47,253	35,762	14.0	2,031	32,564	12.7	57,432
North Dakota	28,296	36.3	4,204	572	0.7	52	342	0.4	958
South Dakota	40,527	48.7	12,436	319	0.4	21	103	0.1	133
Nebraska	79,355	61.3	42,286	685	0.5	54	428	0.3	732
Kansas	103,708	62.5	35,115	5,471	3.3	429	3,999	2.4	10,097
South Atlantic	427,520	40.4	63,893	813,149	76.8	119,239	808,199	76.4	3,707,305
Delaware	7,417	76.4	3,685	7,550	77.8	1,301	7,525	77.5	42,736
Maryland	32,070	74.2	10,613	33,697	78.0	5,525	33,676	77.9	180,363
Dist. of Columbia	84	80.8	117	73	70.2	18	72	69.2	305
Virginia	81,507	47.8	12,640	110,588	64.8	11,781	108,162	63.4	388,937
West Virginia	44,942	54.4	5,694	30,320	36.7	1,161	30,208	36.6	45,656
North Carolina	121,859	43.6	11,116	234,426	83.8	34,687	233,467	83.5	1,107,763
South Carolina	40,134	25.4	3,573	139,234	88.2	22,080	138,976	88.0	708,470
Georgia	77,050	30.1	8,358	217,456	85.1	27,533	216,633	84.8	860,602
Florida	22,457	38.1	8,097	39,805	67.5	15,153	39,480	67.0	372,473
East South Central	390,887	36.8	43,041	530,273	49.9	40,094	529,175	49.8	1,185,827
Kentucky	105,486	42.8	12,506	74,112	30.1	2,599	73,822	29.9	92,823
Tennessee	104,476	42.5	10,810	96,794	39.4	4,110	96,613	39.3	138,600
Alabama	88,111	34.2	8,229	208,058	80.8	21,830	207,677	80.7	646,707
Mississippi	92,814	29.7	11,496	151,309	48.4	11,555	151,063	48.3	307,697
West South Central	454,367	41.2	75,221	221,100	20.0	15,719	219,773	19.9	431,855
Arkansas	110,676	45.7	12,407	73,686	30.4	4,607	73,314	30.3	127,293
Louisiana	59,055	36.6	7,872	66,541	41.2	5,229	66,333	41.1	143,657
Oklahoma	93,234	45.7	17,138	4,440	2.2	252	4,171	2.0	7,895
Texas	191,402	38.6	37,804	76,433	15.4	5,631	75,955	15.3	153,010
Mountain	117,397	48.6	46,824	5,817	2.4	630	3,824	1.6	10,272
Montana	20,692	43.6	6,872	303	0.6	30	157	0.3	248
Idaho	22,051	52.9	7,040	1,694	4.1	81	1,342	3.2	2,091
Wyoming	7,995	49.9	5,136	281	1.8	25	203	1.3	358
Colorado	31,212	52.1	13,829	1,484	2.5	165	749	1.2	1,175
New Mexico	12,476	39.7	3,816	844	2.7	98	720	2.3	2,339
Arizona	6,885	48.6	3,472	524	3.7	176	512	3.6	3,704
Utah	13,929	51.3	4,938	646	2.4	49	106	0.4	264
Nevada	2,157	62.7	1,721	41	1.2	6	35	1.0	93
Pacific	174,004	66.5	106,582	41,628	15.9	16,006	28,919	11.0	176,638
Washington	51,429	72.5	25,297	9,610	13.6	1,194	8,370	11.8	21,561
Oregon	38,519	69.8	13,167	8,163	14.8	670	4,499	8.2	12,467
California	84,056	62.0	68,118	23,855	17.6	14,142	16,050	11.8	142,610

[1] Including automobiles, trucks, tractors, etc.

[2] Paid to a power company.

SPECIFIED PURPOSES: BY STATES 1929

sands of dollars]

Farm labor, exclusive of housework (cash)				Farm implements and machinery [1]			Electric light and power [2]			
Farms reporting	Per cent of all farms	Amount expended	Days of hired labor (thousands)	Farms reporting purchases	Per cent of all farms	Amount expended	Farms reporting purchases	Per cent of all farms	Amount expended	Division and State
2,631,601	41.8	955,420	410,985	1,750,588	27.8	692,548	571,007	9.1	46,484	U. S.
73,836	59.1	49,839	16,357	40,420	32.4	17,608	45,522	36.4	2,986	New Eng.
22,795	58.4	9,043	3,091	12,140	31.1	5,384	10,938	28.0	498	Me.
8,849	59.4	3,980	1,410	4,209	28.2	1,700	5,014	33.6	307	N. H.
15,364	61.7	5,495	2,431	8,413	33.8	3,084	6,403	25.7	331	Vt.
15,247	59.6	17,288	5,138	8,775	34.3	4,135	13,821	54.0	1,051	Mass.
1,885	56.7	2,277	721	1,139	34.3	581	1,671	50.3	153	R. I.
9,696	56.4	11,756	3,566	5,744	33.4	2,724	7,675	44.6	646	Conn.
197,968	55.4	94,688	35,908	137,646	38.5	56,994	87,533	24.5	5,735	Mid. Atl.
90,455	56.6	45,421	17,420	65,326	40.9	28,041	43,350	27.1	2,770	N. Y.
14,648	57.7	17,553	5,636	9,880	38.9	5,409	10,968	43.2	920	N. J.
92,865	53.9	31,714	12,852	62,440	36.2	23,544	33,215	19.3	2,045	Pa.
448,362	46.4	132,476	60,664	330,482	34.2	124,124	129,047	13.4	7,372	E. N. C.
90,363	41.2	25,409	11,056	57,431	26.2	20,617	37,695	17.2	1,930	Ohio.
68,943	38.0	16,786	8,258	45,752	25.2	16,580	18,569	10.2	908	Ind.
112,916	52.6	40,946	18,216	77,321	36.0	34,332	18,317	8.5	1,192	Ill.
76,078	44.9	19,853	8,268	60,932	36.0	20,848	24,233	14.3	1,252	Mich.
100,062	55.0	29,482	14,866	89,046	49.0	31,747	30,233	16.6.	2,090	Wis.
603,904	54.3	178,678	76,337	481,100	43.2	246,396	72,093	6.5	4,569	W. N. C.
105,057	56.7	27,527	13,204	87,672	47.3	35,115	12,413	6.7	855	Minn.
122,669	*57.1*	*39,681*	*17,609*	*108,286*	*50.4*	*51,567*	*25,149*	*11.7*	*1,627*	*Iowa.*
96,649	37.8	19,851	10,663	59,551	23.3	17,401	12,486	4.9	602	Mo.
57,838	74.2	24,595	8,765	41,261	52.9	26,745	1,721	2.2	150	N. Dak.
48,762	58.6	14,647	6,144	41,186	49.5	24,375	2,534	3.0	182	S. Dak.
76,806	59.3	25,356	9,946	65,862	50.9	36,080	7,485	5.8	559	Nebr.
96,123	57.9	27,021	10,006	77,282	46.5	55,113	10,305	6.2	594	Kans.
367,185	34.7	91,880	57,253	222,033	21.0	37,512	37,416	3.5	2,241	S. Atl.
5,285	54.4	2,518	1,090	3,423	35.3	1,354	1,027	10.6	89	Del.
25,454	58.9	12,866	5,966	13,407	31.0	5,128	6,226	14.4	446	Md.
70	67.3	317	95	22	21.2	10	54	51.9	3	D. C.
62,451	36.6	18,774	10,338	31,478	18.5	8,474	7,730	4.5	470	Va.
28,933	35.0	5,012	2,581	11,737	14.2	2,880	2,844	3.4	154	W. Va.
88,837	31.8	11,674	7,858	48,125	17.2	6,705	8,774	3.1	403	N. C.
49,180	31.1	9,003	8,656	35,082	22.2	3,589	3,039	1.9	145	S. C.
78,998	30.9	13,992	12,202	67,806	26.5	5,898	3,591	1.4	207	Ga.
27,977	47.4	17,724	8,467	10,953	18.6	3,474	4,131	7.0	324	Fla.
250,148	23.5	33,775	23,532	158,151	14.9	24,724	18,776	1.8	1,031	E. S. C.
70,788	28.7	11,489	6,901	26,550	10.8	6,155	5,863	2.4	323	Ky.
71,184	29.0	8,661	6,278	36,009	14.7	6,575	6,720	2.7	337	Tenn.
60,365	23.5	7,073	5,746	60,208	23.4	5,569	3,839	1.5	197	Ala.
47,811	15.3	6,552	4,607	35,384	11.3	6,425	2,354	0.8	174	Miss.
394,848	35.8	110,614	58,398	215,330	19.5	74,715	18,534	1.7	1,680	W. S. C.
66,036	27.2	9,627	6,043	39,988	16.5	5,955	2,689	1.1	309	Ark.
35,919	22.2	13,081	8,883	23,704	14.7	4,361	1,949	1.2	241	La.
90,606	44.4	22,245	10,025	53,682	26.3	24,462	3,942	1.9	268	Okla.
202,287	40.8	65,661	33,447	97,956	19.8	39,937	9,954	2.0	862	Tex.
132,285	54.8	85,897	31,242	88,578	36.7	56,908	39,160	16.2	2,789	Mountain.
27,421	57.7	16,371	5,754	20,812	43.8	17,442	1,983	4.2	158	Mont.
25,475	61.1	12,706	4,088	17,336	41.6	9,698	10,731	25.7	671	Idaho.
8,481	53.0	8,605	3,199	6,873	42.9	4,727	454	2.8	47	Wyo.
35,016	58.4	21,550	7,756	22,834	38.1	13,700	6,548	10.9	423	Colo.
12,483	39.7	6,556	3,254	6,960	22.2	3,750	1,102	3.5	117	N. Mex.
6,158	43.4	10,389	3,946	3,565	25.2	2,832	3,070	21.7	773	Ariz.
15,127	55.7	6,059	1,974	8,864	32.6	3,877	14,462	53.2	544	Utah.
2,124	61.7	3,661	1,271	1,334	38.8	882	810	23.5	56	Nev.
163,065	62.3	177,573	51,294	76,848	29.4	53,567	122,926	47.0	18,081	Pacific.
40,990	57.8	29,158	8,454	21,229	29.9	12,842	29,070	41.0	1,846	Wash.
31,583	57.3	18,257	6,185	17,107	31.0	9,907	14,991	27.2	796	Oreg.
90,492	66.7	130,158	36,655	38,512	28.4	30,818	78,865	58.1	15,439	Calif.

Source: Bureau of the Census, Department of Commerce.

No. 530.—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— With board	Average yearly farm wage per month— Without board	Weighted average wage rate per month	Index numbers of farm wages (1910–1914=100)	Year	Average yearly farm wage per month— With board	Average yearly farm wage per month— Without board	Weighted average wage rate per month	Index numbers of farm wages (1910–1914=100)
1866	$10.09	$15.50	$13.14	55	1915	$21.08	$29.97	$24.46	102
1874 or 1875	11.16	17.10	14.19	59	1916	23.04	32.58	26.83	112
1879 or 1880	11.70	17.53	14.14	59	1917	28.64	40.19	33.42	140
1881 or 1882	12.88	19.11	15.48	65	1918	35.12	49.13	42.12	176
1884 or 1885	13.08	19.22	15.58	65	1919	40.14	56.77	49.11	206
1887 or 1888	13.29	19.67	15.87	66	1920	47.24	65.05	57.01	239
1889 or 1890	13.29	19.45	15.79	66	1921	30.25	43.58	35.77	150
1891 or 1892	13.48	20.02	16.06	67	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
1912	20.46	29.14	24.01	101	1931	23.60	35.03	27.61	116
1913	21.27	30.21	24.83	104	1932	17.53	26.67	20.46	86
1914	20.90	29.72	24.26	101					

Basis of rate and division	1931 Jan. 1	1931 Apr. 1	1931 July 1	1931 Oct. 1	1932 Jan. 1	1932 Apr. 1	1932 July 1	1932 Oct. 1	1933 Jan. 1	1933 Apr. 1
PER MONTH, WITH BOARD										
United States	$26.03	$25.99	$25.35	$23.31	$19.77	$19.19	$18.00	$17.29	$14.77	$14.67
North Atlantic States	36.59	36.22	36.13	34.50	29.13	28.44	26.42	25.23	21.72	20.84
North Central States	28.56	31.28	30.05	27.33	21.46	22.27	20.96	19.59	15.25	16.10
South Atlantic States	19.53	17.50	17.58	16.07	14.43	13.38	12.30	12.19	11.16	10.62
South Central States	19.34	17.88	17.88	16.40	14.76	13.37	12.65	12.75	11.71	11.29
Western States	42.65	43.07	40.17	36.95	32.39	31.18	29.40	27.35	23.66	23.32
PER MONTH, WITHOUT BOARD										
United States	39.04	38.37	37.00	34.22	30.53	29.13	27.10	26.36	23.62	22.98
North Atlantic States	58.65	56.86	55.47	54.34	48.80	45.88	43.24	41.94	38.17	36.24
North Central States	42.29	43.96	41.73	38.51	32.70	32.41	30.38	28.98	24.88	24.81
South Atlantic States	28.93	26.44	26.17	23.88	21.80	20.04	18.59	18.45	17.09	16.37
South Central States	28.69	26.64	25.99	23.78	21.90	20.24	18.54	18.85	17.62	16.98
Western States	63.73	65.02	61.84	55.83	51.45	49.68	46.01	43.26	38.00	37.05
PER DAY, WITH BOARD										
United States	1.38	1.33	1.29	1.18	1.02	.97	.89	.87	.76	.75
North Atlantic States	2.19	2.11	2.09	2.00	1.70	1.60	1.51	1.40	1.22	1.20
North Central States	1.62	1.61	1.53	1.39	1.14	1.12	1.05	1.00	.85	.85
South Atlantic States	1.00	.90	.91	.82	.74	.68	.62	.62	.56	.54
South Central States	.95	.89	.88	.80	.72	.67	.61	.61	.57	.55
Western States	1.98	1.96	1.81	1.69	1.48	1.41	1.28	1.24	1.06	1.07
PER DAY, WITHOUT BOARD										
United States	1.87	1.80	1.73	1.59	1.40	1.35	1.23	1.19	1.06	1.05
North Atlantic States	2.99	2.86	2.82	2.70	2.37	2.27	2.13	2.00	1.79	1.72
North Central States	2.21	2.19	2.07	1.88	1.59	1.57	1.43	1.36	1.18	1.19
South Atlantic States	1.37	1.23	1.20	1.08	1.02	.91	.84	.84	.78	.75
South Central States	1.25	1.16	1.15	1.07	.96	.90	.80	.82	.76	.75
Western States	2.75	2.73	2.50	2.32	2.12	2.06	1.85	1.75	1.57	1.54

Source: Bureau of Agricultural Economics Department of Agriculture.

No. 531.—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 for 1930 and 1931 have been revised and differ from those previously published

[In tons of 2,000 pounds]

Division and State	1925	1926	1927	1928	1929	1930	1931	1932 (prel.)
United States	7,333,166	7,328,268	6,843,199	7,985,019	8,078,548	8,163,870	6,306,082	4,361,795
New England	360,656	316,700	363,147	365,119	357,465	366,840	362,594	316,218
Maine	[1] 185,000	147,000	183,750	[2] 178,750	185,650	195,650	195,000	175,000
New Hampshire [3]	[1] 16,000	[1] 14,680	[1] 16,875	[1] 16,900	[4] 11,500	[1] 11,500	[1] 10,500	[1] 10,998
Vermont	[1] 18,000	[1] 18,000	15,663	16,911	14,905	16,069	15,031	11,767
Massachusetts [3]	62,656	58,920	71,734	70,458	[4] 68,611	66,621	65,063	61,953
Rhode Island [2 5]	9,000	8,100	10,125	10,100	[4] 7,909	8,000	7,000	6,500
Connecticut	[1] 70,000	[1] 70,000	[1] 65,000	[1] 72,000	[4] 68,890	[1] 69,000	[1] 70,000	[1] 50,000
Middle Atlantic	728,148	698,045	728,149	743,558	798,433	778,160	697,927	807,500
New York	253,000	234,000	260,000	[2] 260,000	[4] 287,959	[2] 288,000	[2] 260,000	[2] 235,000
New Jersey [6]	146,686	135,141	141,635	143,574	[4] 162,361	156,445	150,800	137,500
Pennsylvania	328,462	328,904	326,514	339,984	[4] 348,113	333,715	287,127	235,000
East North Central	694,517	679,001	718,948	755,711	820,402	788,274	598,468	379,143
Ohio	321,960	304,480	312,703	320,866	338,662	327,179	249,305	178,000
Indiana [3]	226,148	228,280	240,498	221,082	250,201	224,055	166,005	80,384
Illinois	24,582	25,227	[2] 26,000	30,509	38,056	40,818	31,959	11,818
Michigan	109,327	105,014	117,227	[2] 150,213	[2] 152,812	[2] 145,000	[2] 105,589	[2] 82,428
Wisconsin	12,500	16,000	22,520	33,041	40,671	51,222	45,610	26,513
West North Central	83,952	82,874	83,574	99,565	107,638	109,714	93,275	49,024
Minnesota	[2] 9,000	11,316	11,387	14,211	[4] 15,803	16,254	17,698	9,320
Iowa	[1] 6,000	[7] 6,021	[7] 7,181	[1] 10,000	[4] 21,177	[1] 24,597	[1] 22,000	[1] 10,000
Missouri [3]	63,939	56,891	56,100	64,922	58,892	59,810	48,944	26,427
North Dakota	[2] 225	250	398	[2] 450	[4] 958	[1] 1,548	[1] 1,000	[1] 432
South Dakota	[2] 150	[2] 150	[2] 200	[2] 220	[4] 133	[2] 150	[2] 150	[2] 100
Nebraska	[2] 500	[2] 500	[2] 500	[2] 600	[4] 732	[2] 1,000	[2] 500	[2] 200
Kansas	[1] 4,138	7,746	[2] 7,800	9,162	[8] 9,943	[8] 6,355	[8] 2,983	[8] 2,545
South Atlantic	3,927,484	3,921,678	3,686,528	4,191,219	4,048,417	4,122,695	3,309,019	2,353,563
Delaware	41,006	43,084	41,126	40,817	[4] 42,736	43,000	36,361	33,000
Maryland	165,474	163,285	165,174	173,159	[4] 180,363	177,021	146,139	125,000
Virginia [3]	451,656	435,223	408,008	437,709	429,886	449,178	379,269	279,904
West Virginia	[2] 41,000	[2] 43,000	[2] 43,500	[2] 49,700	[4] 45,656	[2] 45,000	[2] 40,000	[2] 35,000
North Carolina [3]	1,217,822	1,218,176	1,171,499	1,349,360	1,293,572	1,242,036	1,003,406	696,167
South Carolina [3]	873,255	840,128	726,736	788,293	760,069	749,230	598,866	446,027
Georgia [3]	778,808	780,302	713,047	883,274	868,911	928,606	686,191	357,287
Florida [3]	358,463	398,480	417,438	468,907	427,224	488,624	418,787	381,178
East South Central	1,091,317	1,141,275	880,123	1,255,676	1,239,001	1,325,969	841,684	408,102
Kentucky	93,000	91,500	70,500	90,500	93,000	[8] 113,992	[8] 105,192	[8] 55,220
Tennessee [3]	142,174	156,336	112,473	150,726	142,745	163,909	119,156	62,956
Alabama [3]	598,115	615,364	478,400	681,100	675,450	644,350	419,950	205,400
Mississippi [3]	258,028	278,075	218,750	333,350	327,806	403,718	197,386	84,526
West South Central	340,179	371,090	253,137	422,930	532,415	485,039	228,396	103,834
Arkansas [3]	123,387	126,175	75,487	126,391	156,582	157,648	62,096	17,348
Louisiana [3]	110,784	114,347	92,866	143,693	174,278	175,560	94,359	49,376
Oklahoma	[1 9] 5,000	[1 9] 5,418	[1 9] 4,263	[8] 8,203	[8 9] 9,422	[8] 6,613	[8 7] 7,089	[8] 2,925
Texas [3]	101,008	125,150	80,521	144,643	192,133	145,218	64,852	34,185
Mountain	2,980	3,553	3,833	4,558	10,272	10,690	13,870	10,021
Montana	----------	[2] 50	[1] 90	[2] 100	[4] 248	[2] 250	[2] 1,100	[2] 500
Idaho [3]	[1] 400	[1] 420	[2] 450	[2] 500	[4] 2,091	[2] 2,100	[2] 1,000	[2] 1,500
Wyoming	[2] 100	[2] 150	[2] 200	[2] 300	[4] 358	[2] 350	[2] 700	[2] 650
Colorado	[2] 250	337	607	[1] 728	[4] 1,175	[1] 1,200	[1] 3,875	[1] 1,700
New Mexico	[2] 1,200	1,556	1,256	[2] 1,400	[4] 2,339	[2] 2,400	[2] 1,045	[2] 621
Arizona	[2] 500	[2] 500	[1] 700	[1] 1,000	[4] 3,704	[1] 4,000	[1] 2,100	[1] 2,000
Utah	[1] 500	[1] 500	[2] 500	[2] 500	[4] 264	[2] 300	[2] 4,000	[2] 3,000
Nevada	[2] 30	[2] 30	[2] 30	[2] 30	[4] 93	[2] 90	[2] 50	[2] 50
Pacific	103,933	114,052	125,768	146,683	164,505	176,489	160,849	134,390
Washington	[2] 10,000	12,207	14,244	[2] 15,500	[4] 21,561	[2] 21,500	[2] 17,500	[2] 9,000
Oregon	[1] 8,000	[2] 8,000	[2] 9,000	[1] 10,000	[4] 12,467	[1] 12,500	[1] 11,000	[1] 10,000
California	85,933	93,845	102,524	121,183	130,477	142,489	132,349	115,390

[1] Estimated by State authorities.
[2] Estimated.
[3] Year ended June 30, except data for 1929.
[4] Agricultural census.
[5] Year ended Mar. 31, except data for 1929.
[6] Year ended Oct. 31.
[7] Totals of four companies plus estimates for others.
[8] Based on tag sales.
[9] Year ended June 30.

Source: The National Fertilizer Association.

No. 532.—FARM TAXES, FARMS OWNED WHOLLY BY THE OPERATOR: BY STATES, 1929

[Acreage in thousands; all money figures, except average tax per acre, in thousands of dollars]

Division and State	All farms operated by full owners, number	Farms operated by full owners reporting total taxes and real-estate taxes							
		Number of farms	Per cent reporting	Acreage	Value of land and buildings	Taxes on all farm property	Taxes on land and buildings		
							Total	Average per acre	Ratio to value (per cent)
United States	2,911,644	2,565,157	88.1	325,909	18,841,822	281,403	238,940	$0.73	1.27
New England	107,300	96,741	90.2	10,566	630,572	12,204	9,921	.94	1.57
Maine	35,468	32,303	91.1	3,781	152,856	3,596	2,800	.74	1.83
New Hampshire	12,966	11,021	85.0	1,354	51,500	1,276	1,069	.79	2.08
Vermont	20,662	19,358	93.7	2,858	104,221	2,067	1,591	.56	1.53
Massachusetts	21,410	19,410	90.7	1,394	169,916	3,381	2,839	2.04	1.67
Rhode Island	2,523	2,160	85.6	173	17,904	226	192	1.11	1.07
Connecticut	14,271	12,489	87.5	1,006	134,175	1,658	1,430	1.42	1.07
Middle Atlantic	278,193	249,157	89.6	22,642	1,713,955	28,173	26,434	1.17	1.54
New York	124,206	114,172	91.9	11,861	814,162	12,103	11,486	.97	1.41
New Jersey	19,564	16,554	84.6	976	172,176	3,141	2,745	2.81	1.59
Pennsylvania	134,423	118,431	88.1	9,805	727,617	12,929	12,203	1.24	1.68
East North Central	570,660	521,402	91.4	49,966	4,016,666	76,484	65,193	1.30	1.62
Ohio	136,332	124,572	91.4	10,491	826,522	18,263	14,969	1.43	1.81
Indiana	97,553	87,027	89.2	7,595	533,700	13,235	10,787	1.42	2.02
Illinois	85,069	76,964	90.5	8,511	885,680	11,407	9,756	1.15	1.10
Michigan	118,928	107,248	90.2	9,467	649,949	14,409	13,455	1.42	2.07
Wisconsin	132,778	125,591	94.6	13,902	1,120,815	19,170	16,226	1.17	1.45
West North Central	457,770	418,891	91.5	72,480	4,895,181	62,806	53,600	.74	1.09
Minnesota	97,878	91,558	93.6	12,423	927,764	13,242	11,707	.94	1.26
Iowa	85,272	75,189	88.2	10,607	1,343,765	15,455	13,724	1.37	1.02
Missouri	127,989	119,496	93.4	14,946	794,407	8,628	7,123	.48	.90
North Dakota	23,807	21,326	89.6	7,940	237,600	4,280	3,688	.46	1.55
South Dakota	22,372	18,330	81.9	5,438	262,893	4,014	3,354	.62	1.28
Nebraska	43,301	40,134	92.7	10,996	723,595	7,515	6,118	.56	.85
Kansas	57,151	52,828	92.4	10,730	605,157	9,672	7,886	.73	1.30
South Atlantic	467,100	410,389	87.9	39,849	1,834,544	24,787	19,839	.50	1.08
Delaware	5,816	5,019	86.3	381	31,952	269	238	.63	.75
Maryland	28,333	22,765	80.3	1,932	162,729	2,149	1,873	.97	1.15
Dist. of Col	53	53	100.0	1	1,527	15	14	21.18	.90
Virginia	104,956	97,440	92.8	9,994	519,918	4,694	3,546	.35	.68
West Virginia	60,581	55,553	91.7	5,873	227,978	3,859	2,965	.50	1.30
North Carolina	115,765	103,664	89.5	8,477	376,428	6,366	5,109	.60	1.36
South Carolina	45,515	40,835	89.7	3,940	144,925	2,248	1,810	.46	1.25
Georgia	70,596	59,133	83.8	7,247	188,971	2,926	2,339	.32	1.24
Florida	35,485	25,927	73.1	2,004	180,116	2,261	1,945	.97	1.08
East South Central	397,594	342,303	86.1	34,014	1,171,792	17,341	14,714	.43	1.26
Kentucky	135,215	113,699	84.1	10,873	454,321	5,511	4,601	.42	1.01
Tennessee	109,853	94,737	86.2	8,623	348,756	4,479	4,207	.49	1.21
Alabama	75,144	65,954	87.8	6,965	183,057	2,126	1,731	.25	.95
Mississippi	77,382	67,913	87.8	7,553	185,658	5,225	4,175	.55	2.25
West South Central	325,989	275,222	84.4	49,097	1,636,814	19,777	15,774	.32	.96
Arkansas	72,597	64,475	88.8	6,528	185,149	2,334	1,678	.26	.91
Louisiana	46,893	37,347	79.6	3,235	134,130	2,268	1,859	.57	1.39
Oklahoma	53,647	42,787	79.8	6,630	290,707	4,477	3,759	.57	1.29
Texas	152,852	130,613	85.5	32,704	1,026,828	10,698	8,478	.26	.83
Mountain	130,287	99,463	76.3	30,141	823,374	14,004	10,777	.36	1.31
Montana	20,101	16,030	79.7	7,935	137,045	2,222	1,636	.21	1.19
Idaho	24,194	20,233	83.6	3,387	174,516	3,140	2,586	.76	1.48
Wyoming	7,896	6,151	77.9	3,793	54,867	848	567	.15	1.03
Colorado	26,929	21,938	81.5	6,203	185,735	3,285	2,564	.41	1.38
New Mexico	19,930	12,315	61.8	4,139	59,367	878	655	.16	1.10
Arizona	9,727	4,456	45.8	911	51,947	862	681	.75	1.31
Utah	19,046	16,461	86.4	2,673	128,313	2,245	1,729	.65	1.35
Nevada	2,464	1,884	76.5	1,100	31,584	524	359	.33	1.14
Pacific	176,751	151,584	85.8	17,154	2,118,924	25,827	22,688	1.32	1.07
Washington	49,702	43,907	88.3	3,790	361,592	4,967	4,361	1.15	1.21
Oregon	36,674	32,199	87.8	5,467	290,720	3,961	3,399	.62	1.17
California	90,375	75,478	83.5	7,897	1,466,612	16,899	14,928	1.89	1.02

Source: Bureau of the Census, Department of Commerce.

No. 533.—COOPERATIVE MARKETING AND PURCHASING THROUGH FARMERS' ORGANIZATIONS: By States, 1924 and 1929

Note.—For total number of all farms (base for percentages) see Table 509

Division and State	Number of farms reporting sales			Number of farms reporting purchases			Value of farm products sold		Value of supplies purchased	
	1924	1929	Per cent of all farms, 1929	1924	1929	Per cent of all farms, 1929	1924	1929	1924	1929
							Thousands of dollars			
United States	884,207	691,895	11.0	362,745	410,914	6.5	858,284	892,481	75,971	125,049
New England	10,845	9,170	7.3	10,787	10,897	8.7	20,745	21,068	5,709	8,802
Maine	2,555	755	1.9	1,896	1,674	4.3	3,823	872	626	928
New Hampshire	428	461	3.1	1,701	1,647	11.0	375	676	911	1,113
Vermont	2,745	4,304	17.3	3,186	2,632	10.6	3,876	6,807	1,485	1,513
Massachusetts	2,091	1,448	5.7	2,278	2,891	11.3	4,145	4,988	1,462	2,545
Rhode Island	235	140	4.2	213	148	4.5	571	308	123	172
Connecticut	2,791	2,062	12.0	1,513	1,905	11.1	7,955	7,417	1,102	2,531
Middle Atlantic	39,295	41,068	11.5	24,716	30,856	8.6	50,274	72,167	7,377	16,871
New York	26,586	28,015	17.5	12,509	19,933	12.5	37,945	52,623	3,928	11,408
New Jersey	1,401	1,750	6.9	1,606	1,899	7.5	2,309	5,272	957	1,785
Pennsylvania	11,308	11,303	6.6	10,601	9,024	5.2	10,020	14,272	2,492	3,678
East North Central	205,409	170,992	17.7	103,199	115,368	11.9	145,068	150,849	15,668	24,449
Ohio	39,995	31,067	14.2	24,711	26,736	12.2	27,991	26,103	3,590	6,168
Indiana	28,550	20,461	11.3	14,558	18,742	10.3	17,213	16,687	1,774	3,464
Illinois	52,606	41,857	19.5	17,471	16,861	7.9	52,828	48,934	2,979	3,826
Michigan	38,730	31,331	18.5	25,124	28,721	17.0	19,552	16,581	3,607	5,797
Wisconsin	45,528	46,276	25.5	21,335	24,308	13.4	27,484	42,544	3,738	5,194
West North Central	303,190	290,199	26.1	140,588	159,988	14.4	292,354	310,334	25,740	33,572
Minnesota	79,891	95,639	51.6	26,066	39,561	21.4	73,261	105,966	3,844	6,414
Iowa	72,639	58,970	27.4	34,034	33,183	15.4	81,290	74,635	6,581	7,462
Missouri	60,860	47,442	18.5	33,343	31,982	12.5	32,574	29,448	4,587	6,506
North Dakota	12,913	20,382	26.1	5,527	11,085	14.2	17,032	20,831	1,363	1,622
South Dakota	17,769	18,141	21.8	8,835	11,176	13.4	18,651	16,409	1,451	2,079
Nebraska	28,139	23,397	18.1	15,461	15,098	11.7	32,741	26,649	3,715	4,442
Kansas	30,979	26,228	15.8	17,322	17,903	10.8	36,805	36,396	4,199	5,047
South Atlantic	90,879	28,662	2.7	20,830	15,866	1.5	73,377	41,802	4,968	6,611
Delaware	193	64	.7	415	186	1.9	122	86	136	139
Maryland	6,121	4,533	10.5	3,817	3,383	7.8	7,298	6,925	910	1,178
Virginia	27,560	4,394	2.6	5,768	3,947	2.3	20,912	8,792	1,256	1,475
West Virginia	3,106	1,652	2.0	2,769	2,268	2.7	919	1,207	320	389
North Carolina	22,167	4,606	1.6	2,791	2,158	.8	13,018	2,907	450	483
South Carolina	10,601	2,469	1.6	819	555	.4	8,922	3,856	335	718
Georgia	13,376	5,142	2.0	2,388	1,724	.7	9,082	3,660	304	400
Florida	7,755	5,802	9.8	2,063	1,645	2.8	13,104	14,369	1,257	1,829
East South Central	91,073	19,670	1.9	21,293	15,948	1.5	49,827	13,603	2,691	2,526
Kentucky	53,704	4,793	1.9	3,308	1,260	.5	27,515	2,736	504	276
Tennessee	15,303	3,552	1.4	4,490	2,872	1.2	7,182	1,382	445	382
Alabama	11,365	7,270	2.8	7,640	7,682	3.0	7,029	3,864	1,021	1,360
Mississippi	10,701	4,055	1.3	5,855	4,134	1.3	8,101	5,621	721	508
West South Central	67,715	42,292	3.8	17,720	18,421	1.7	75,724	48,177	2,703	3,882
Arkansas	8,861	4,651	1.9	3,910	2,519	1.0	7,119	3,154	460	358
Louisiana	10,114	7,467	4.6	4,393	6,929	4.3	8,604	7,075	782	1,366
Oklahoma	19,049	21,715	10.7	4,878	5,273	2.6	20,854	23,489	667	950
Texas	29,691	8,459	1.7	4,539	3,700	.7	39,147	14,459	794	1,208
Mountain	24,581	28,347	11.7	8,000	12,298	5.1	35,044	36,703	1,710	3,573
Montana	2,899	5,574	11.7	708	3,034	6.4	3,081	6,730	135	822
Idaho	3,272	7,031	16.9	1,040	2,174	5.2	2,712	7,711	144	447
Wyoming	1,231	2,145	13.4	512	581	3.6	1,009	2,466	226	218
Colorado	10,828	6,783	11.3	3,703	3,339	5.6	21,090	8,400	883	804
New Mexico	2,014	1,443	4.6	829	569	1.8	3,254	2,531	139	171
Arizona	523	639	4.5	222	182	1.3	1,514	2,953	65	95
Utah	3,775	4,193	15.4	974	2,284	8.4	2,368	4,264	116	980
Nevada	39	539	15.7	12	135	3.9	16	1,648	2	36
Pacific	51,220	61,495	23.5	15,612	31,272	11.9	115,871	197,778	9,385	24,763
Washington	13,205	16,737	23.6	6,500	11,885	16.8	20,564	33,338	3,470	9,006
Oregon	5,590	8,638	15.7	2,858	4,502	8.2	8,062	11,367	1,160	1,445
California	32,425	36,120	26.6	6,254	14,885	11.0	87,245	153,073	4,755	14,312

Source: Bureau of the Census, Department of Commerce.

No. 534.—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		
	1925	1931	1932	1925	1931	1932	1924–25	1930–31	1931–32
United States	10,803	11,950	11,900	2,700,000	3,000,000	3,200,000	2,400,000	2,400,000	1,925,000
New England	259	208	203	75,000	87,900	85,340	85,170	90,870	77,108
Maine	82	51	48	14,400	9,160	6,370	12,460	5,030	2,747
New Hampshire	14	14	13	2,600	2,750	2,530	3,230	2,600	2,620
Vermont	61	46	47	8,200	7,500	8,140	11,040	11,610	10,140
Massachusetts	48	50	47	39,200	61,320	61,100	39,130	55,770	47,991
Rhode Island	7	5	5	400	440	380	1,300	770	460
Connecticut	47	42	43	10,200	6,730	6,820	18,010	15,090	13,150
Middle Atlantic	522	478	482	160,000	190,130	207,190	153,080	244,080	203,800
New York	286	260	258	100,000	115,660	131,570	103,760	181,390	147,010
New Jersey	20	44	54	6,000	8,630	14,270	5,930	8,790	7,900
Pennsylvania	216	174	170	54,000	65,840	61,350	43,390	53,900	48,890
East North Central	3,075	3,301	3,276	575,000	774,010	821,930	558,270	523,670	422,259
Ohio	395	361	354	115,300	139,390	149,070	107,340	90,030	72,695
Indiana	330	332	315	80,300	105,340	124,060	60,440	48,770	44,095
Illinois	822	955	954	131,000	236,650	242,850	195,210	192,220	151,946
Michigan	436	393	393	128,300	126,000	133,000	82,200	75,070	61,358
Wisconsin	1,092	1,260	1,260	120,100	166,630	172,950	113,080	117,580	92,165
West North Central	4,825	5,265	5,238	850,000	1,191,550	1,219,250	836,630	780,470	595,496
Minnesota	1,383	1,533	1,539	217,400	299,580	328,440	223,980	193,980	155,160
Iowa	1,094	1,159	1,150	179,800	261,860	271,480	172,710	186,030	150,177
Missouri	537	645	623	170,600	176,200	188,190	83,490	94,580	79,709
North Dakota	460	536	545	60,300	101,890	75,310	91,280	66,050	32,503
South Dakota	397	380	376	65,000	91,090	92,430	74,080	56,760	38,062
Nebraska	488	529	533	74,100	176,840	173,490	91,930	95,660	73,415
Kansas	466	483	472	82,800	84,090	89,910	99,160	87,410	66,470
South Atlantic	385	472	479	280,000	134,590	154,780	152,325	119,070	94,549
Delaware	12	4	4	1,200	100	100	960	100	50
Maryland	16	47	47	12,600	25,690	19,580	12,200	19,000	17,217
Dist. of Columbia	1	1	1	1.000	1,250	1,200	2,300	5,450	6,640
Virginia	96	78	79	25,700	26,350	38,440	21,615	19,440	15,437
West Virginia	42	50	46	6,100	8,120	17,930	2,820	3,690	8,230
North Carolina	50	62	80	139,900	22,790	27,190	43,380	13,770	7,590
South Carolina	18	26	21	16,600	12,690	12,250	18,130	12,980	6,283
Georgia	46	67	61	67,900	25,620	26,460	16,210	15,670	4,272
Florida	104	137	140	9,000	11,980	12,630	34,710	28,970	28,830
East South Central	277	309	311	295,000	145,450	194,020	117,270	60,380	58,349
Kentucky	56	55	56	194,700	32,600	30,330	58,650	6,260	8,191
Tennessee	111	109	108	32,600	29,930	56,460	9,560	12,050	15,797
Alabama	63	85	84	38,300	53,060	58,090	16,940	18,990	9,001
Mississippi	47	60	63	29,400	30,860	49,140	32,120	23,080	25,360
West South Central	454	619	601	250,000	195,860	216,790	128,630	132,515	87,356
Arkansas	101	122	108	54,500	14,290	11,910	17,935	6,250	3,382
Louisiana	38	49	42	25,800	24,850	29,670	13,340	18,860	18,813
Oklahoma	143	230	242	92,200	81,600	91,560	46,550	35,260	24,590
Texas	172	218	209	77,500	75,120	83,650	50,805	72,145	40,571
Mountain	363	460	490	75,000	118,280	128,190	70,950	97,395	85,790
Montana	102	132	145	21,200	25,700	28,430	19,690	17,700	13,564
Idaho	59	70	78	11,200	26,950	28,860	13,250	17,980	14,163
Wyoming	18	33	33	2,300	6,290	6,670	2,520	4,870	3,200
Colorado	101	134	138	21,200	34,980	36,390	23,600	32,445	33,110
New Mexico	20	25	25	2,500	4,110	4,050	2,160	4,415	2,368
Arizona	20	18	17	2,600	2,490	3,340	5,240	3,005	3,065
Utah	41	40	46	13,800	16,800	19,880	4,410	16,320	15,510
Nevada	2	8	8	200	960	570	80	660	810
Pacific	643	838	820	140,000	162,230	172,510	297,675	351,550	300,293
Washington	172	208	199	31,700	47,730	53,440	52,060	75,470	57,348
Oregon	121	151	157	17,100	28,190	31,480	21,655	26,280	27,414
California	350	479	464	91,200	86,310	87,590	223,960	249,800	215,531
Commodity groups:									
Cotton and products	121	261	267	300,000	190,000	240,000	150,000	130,000	69,000
Dairy products	2,197	2,391	2,392	460,000	725,000	740,000	535,000	620,000	520,000
Fruits and vegetables	1,237	1,386	1,347	180,000	182,000	180,000	280,000	319,000	283,000
Grain	3,338	3,448	3,500	520,000	775,000	705,000	750,000	621,000	450,000
Livestock	1,770	2,014	1,885	400,000	400,000	450,000	320,000	300,000	260,000
Poultry products	71	160	172	50,000	82,000	88,000	40,000	86,000	72,000
Tobacco	24	13	21	300,000	40,000	54,000	90,000	7,000	10,000
Wool and mohair	91	136	134	50,000	64,000	62,000	10,000	26,000	21,000
All others	1,954	2,141	2,182	440,000	542,000	681,000	225,000	291,000	240,000

Source: Federal Farm Board.

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 headnote, Table 456)]

No. 535.—INDEXES OF THE VOLUME OF NET AGRICULTURAL PRODUCTION

NOTE.—1919-1927=100. 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

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	105	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	77	113	141	101	123	119	110
1931	112	80	119	132	103	126	119	134
1932 (preliminary)	104	76	106	137	104	125	116	102

No. 536.—ESTIMATED GROSS INCOME FROM FARM PRODUCTION

NOTE.—**In millions of dollars.** For explanation of gross income see headnote, Table 538. Data for 1924 to 1932 are based on State totals (shown for 1929 to 1932 in Table 539) adjusted to exclude interstate sales of seeds for planting and to include estimates of income from poultry other than chickens not estimated by States. Figures for 1929 to 1932 are based on production data revised according to the Census of 1929. Estimates for 1924 to 1928 are still subject to revision

Year	Total	Crops	Livestock and products	Year	Total	Crops	Livestock and products
1909	6,238	3,314	2,925	1921	8,927	4,488	4,440
1910	6,643	3,517	3,126	1922	9,944	5,350	4,594
1911	6,372	3,536	2,836	1923	11,041	5,969	5,072
1912	6,784	3,688	3,096	1924	11,337	6,170	5,167
1913	6,975	3,647	3,328	1925	11,968	6,147	5,820
1914	7,028	3,700	3,328	1926	11,480	5,648	6,012
1915	7,395	3,985	3,410	1927	11,616	5,817	5,799
1916	8,914	4,968	3,947	1928	11,741	5,675	6,066
1917	12,832	7,431	5,401	1929	11,918	5,421	6,497
1918	15,101	8,119	6,982	1930	9,414	3,799	5,615
1919	16,935	9,431	7,503	1931	6,911	2,714	4,197
1920	13,566	6,862	6,704	1932 (preliminary)	5,143	2,113	3,030

No. 537.—ESTIMATED GROSS INCOME FROM FARM PRODUCTION: BY GROUPS OF COMMODITIES

[In millions of dollars. See headnote, Table 536]

Source of income	1929	1930	1931	1932
Grand total	11,918	9,414	6,911	5,143
Crops, total	5,421	3,799	2,714	2,113
Grains	1,283	779	474	322
Fruits and nuts	706	567	453	340
Vegetables	1,132	943	724	596
Sugar crops	85	94	69	68
Cotton and cottonseed	1,389	751	528	431
Tobacco	286	212	132	111
Other crops	540	453	334	245
Livestock and livestock products, total	6,497	5,615	4,197	3,030
Cattle and calves	1,111	951	681	502
Hogs	1,531	1,350	912	538
Sheep and wool	262	204	158	107
Poultry and eggs	1,230	1,050	809	603
Dairy products	2,323	2,031	1,614	1,260
Other	40	29	23	20

Source of Tables 535, 536, and 537: Bureau of Agricultural Economics, Department of Agriculture.

No. 538.—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

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

Product	Farm value			Gross income				Cash income			
	1930	1931	1932	1929	1930	1931	1932	1929	1930	1931	1932
Grand total[1]				11,916.6	9,413.5	6,908.9	5,141.5	10,284.5	7,987.6	5,746.5	4,199.4
All crops	6,432.2	4,536.5	3,500.6	5,427.8	3,804.4	2,716.8	2,115.2	4,884.2	3,329.4	2,300.3	1,752.6
Corn	1,224.1	824.9	566.9	370.5	204.3	134.9	79.9	345.1	182.9	124.6	71.3
Wheat	575.4	352.2	254.5	692.7	410.6	251.3	176.6	684.4	402.0	243.8	169.4
Oats	410.6	238.3	175.2	106.4	79.0	42.2	28.1	106.4	79.0	42.2	28.1
Barley	122.6	64.5	58.3	41.7	33.3	12.3	14.4	41.7	33.3	12.3	14.4
Rye	20.1	10.8	9.0	17.7	8.2	3.8	3.1	17.4	8.0	3.7	3.0
Buckwheat	5.5	3.8	2.7	5.9	3.8	2.8	1.9	5.0	3.1	2.4	1.5
Rice	35.2	22.9	15.4	38.3	33.5	21.9	14.7	38.3	33.5	21.9	14.7
Grain sorghums	36.2	27.0	20.3	7.6	4.0	4.1	2.6	7.6	4.0	4.1	2.6
Other grains	6.1	2.3	1.5	2.2	2.6	1.0	.7	2.2	2.6	1.0	.7
Flaxseed	34.3	13.8	10.2	38.3	31.1	12.2	9.2	38.3	31.1	12.2	9.2
Cotton lint	659.0	483.6	397.3	1,245.1	659.0	483.6	397.3	1,245.1	659.0	483.6	397.3
Cottonseed	135.8	72.4	56.5	143.7	91.9	44.8	34.2	143.7	91.9	44.8	34.2
Tobacco	212.5	131.8	110.9	286.2	212.5	131.8	110.9	286.2	212.5	131.8	110.9
Hay	819.5	637.9	513.7	126.1	100.0	74.9	53.1	126.1	100.0	74.9	53.1
Sweet sorghum forage	24.3	20.7	16.0	2.8	2.1	1.7	1.4	2.8	2.1	1.7	1.4
Cloverseed	17.2	8.3	8.1	23.6	14.3	6.6	7.0	23.6	14.3	6.6	7.0
Alfalfa seed	12.5	6.2	2.9	11.0	11.7	5.7	2.6	11.0	11.7	5.7	2.6
Other grass seeds	7.6	5.8	2.8	6.1	6.3	4.9	2.3	6.1	6.3	4.9	2.3
Dry edible beans	55.8	25.5	16.7	72.1	51.5	24.0	15.4	71.5	51.2	23.8	15.3
Soybeans	23.9	11.7	8.8	11.2	10.3	5.0	3.7	11.2	10.3	5.0	3.7
Cowpeas	11.7	9.3	7.2	4.9	4.6	3.4	2.1	3.9	3.8	3.1	1.9
Peanuts	41.7	32.2	20.1	31.4	22.8	18.9	11.9	30.4	21.9	18.3	11.5
Broomcorn	3.3	2.0	1.4	5.4	3.3	2.0	1.4	5.4	3.3	2.0	1.4
Potatoes, white	305.4	173.8	136.9	370.5	259.1	145.8	114.4	279.3	191.6	106.9	79.4
Sweetpotatoes	57.5	45.7	37.7	66.9	50.6	39.9	33.4	43.9	29.8	24.2	23.0
Truck crops	363.1	289.4	220.8	391.0	363.1	289.4	220.8	374.2	348.3	277.9	212.3
Apples	156.7	131.9	82.1	184.8	156.7	125.8	82.1	148.0	128.4	98.1	66.5
Peaches	44.1	40.7	18.9	59.7	44.1	38.9	18.9	47.2	37.3	31.0	14.7
Pears	18.3	13.7	7.6	30.2	18.3	13.7	7.6	25.8	15.0	11.0	6.1
Cherries	14.7	7.9	5.3	14.7	14.7	7.9	5.3	12.7	12.7	6.6	4.4
Plums and apricots	4.5	4.2	2.6	6.6	4.5	4.1	2.6	4.3	2.9	2.6	1.6
Grapes	44.8	36.1	26.4	56.6	44.8	36.1	26.4	53.6	41.9	33.2	24.5
Strawberries	50.5	47.3	34.1	56.2	50.5	47.3	34.1	54.7	48.7	46.1	33.3
Small fruits	19.3	16.6	11.4	18.0	19.3	16.6	11.4	16.9	17.8	15.5	10.7
Cranberries	5.7	3.9	3.7	7.2	5.7	3.9	3.7	7.2	5.7	3.9	3.7
Pecans	7.8	6.2	3.0	7.4	7.8	6.2	3.0	6.2	6.5	5.4	2.5
Other fruits and nuts	177.4	133.8	133.0	238.7	177.3	133.7	133.0	232.2	176.3	133.0	132.4
Sugar beets for sugar	65.7	46.9	45.9	51.8	65.7	46.9	45.9	51.8	65.7	46.9	45.9
Sugar cane and sirup	20.0	16.2	17.9	20.9	15.4	12.7	14.5	15.7	11.7	9.9	11.7
Sorghum sirup	7.0	7.7	5.8	7.1	4.8	5.1	3.9	3.6	1.7	2.0	1.1
Maple sugar and sirup	8.4	4.5	4.1	5.4	8.4	4.5	4.1	4.8	7.7	3.9	3.7
Forest products	211.8	159.8	134.5	173.2	144.6	105.4	86.8	99.9	77.5	51.1	39.1
Farm gardens	213.6	222.3	210.1	226.0	213.6	222.3	210.1				
Nursery products	53.1	46.4	31.7	61.2	53.1	46.4	31.7	61.2	53.1	46.4	31.7
Greenhouse products	77.8	66.6	42.9	83.9	77.8	66.6	42.9	83.9	77.8	66.6	42.9
Other crops	10.1	7.4	7.0	3.9	3.6	3.7	4.2	3.9	3.6	3.7	4.2
Livestock and livestock products	5,770.7	4,350.1	3,159.4	6,488.8	5,609.1	4,192.1	3,026.3	5,400.3	4,658.2	3,446.2	2,446.8
Cattle and calves	1,023.6	727.9	563.4	1,111.0	951.5	680.6	502.5	1,086.0	930.8	663.7	486.2
Hogs	1,325.9	941.0	539.7	1,530.7	1,349.7	912.3	538.0	1,286.3	1,128.6	749.6	428.3
Sheep and lambs	138.1	106.9	73.3	163.4	135.8	108.0	76.6	160.6	133.9	106.2	75.0
Horses	30.6	26.6	25.2	9.4	8.1	7.5	7.1	9.4	8.1	7.5	7.1
Mules	11.3	7.6	5.9	10.2	6.1	3.7	3.1	10.2	6.1	3.7	3.1
Chickens	378.0	320.9	244.8	463.7	382.2	325.7	240.9	302.9	250.2	217.2	158.1
Eggs (chicken)	688.2	496.4	373.7	758.8	661.4	478.4	358.9	582.4	504.7	361.2	267.4
Milk	2,091.6	1,661.3	1,294.6	2,322.6	2,030.9	1,614.4	1,260.4	1,847.2	1,615.4	1,278.5	985.1
Wool and mohair	74.1	53.6	31.4	106.8	74.1	53.6	31.4	106.8	74.1	53.6	31.4
Honey	9.3	8.0	7.5	12.3	9.3	8.0	7.5	8.3	6.3	4.9	5.0

[1] For United States total adjusted for interstate duplications, etc., see Table 537, p. 565.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 539.—ESTIMATED GROSS AND CASH INCOME FROM FARM PRODUCTION: BY STATES

[In millions and tenths of millions of dollars. See headnote Table 538]

Division and State	Gross income						Cash income					
	Crops and livestock combined				1932		Crops and livestock combined				1932	
	1929	1930	1931	1932	Crops	Livestock and products	1929	1930	1931	1932	Crops	Livestock and products
United States[1]	11,916.6	9,413.5	6,908.9	5,141.5	2,115.2	3,026.3	10,284.5	7,987.6	5,746.5	4,199.4	1,752.6	2,446.8
New England	350.5	309.0	228.1	185.0	63.0	122.0	311.8	273.3	197.4	158.6	49.8	108.8
Maine	102.8	77.2	47.0	39.5	17.4	22.1	91.0	66.3	37.8	31.2	13.1	18.0
N. H.	28.8	27.5	21.1	17.3	4.3	13.0	24.4	23.4	17.7	14.4	2.8	11.7
Vt.	57.3	52.9	39.2	32.7	7.0	25.7	50.0	46.4	33.8	28.2	4.6	23.6
Mass.	87.2	80.3	65.4	51.1	19.9	31.1	79.2	72.9	58.3	45.2	17.1	28.2
R. I.	10.6	10.4	8.6	6.7	1.8	4.9	9.5	9.3	7.7	5.9	1.5	4.4
Conn.	63.8	60.6	46.8	37.8	12.5	25.3	57.8	54.9	42.0	33.6	10.7	22.9
Mid. Atlantic	889.1	807.2	623.4	476.9	155.3	321.6	775.9	707.8	544.7	410.8	127.5	283.4
N. Y.	424.4	389.5	293.8	220.0	68.7	151.3	378.3	347.6	261.7	191.9	55.6	136.3
N. J.	108.1	105.5	79.2	67.1	32.8	34.4	100.2	98.4	73.1	61.6	30.3	31.3
Pa.	356.6	312.2	250.3	189.8	53.8	136.0	297.3	261.9	209.9	157.4	41.6	115.8
E. N. Central	2,062.1	1,701.7	1,253.0	895.0	229.7	665.3	1,795.4	1,464.5	1,072.1	750.9	179.2	571.7
Ohio	406.1	332.9	264.2	181.3	51.3	130.0	343.0	278.2	220.1	147.6	39.7	107.9
Ind.	349.6	280.8	210.1	149.1	36.2	112.9	300.3	238.1	176.8	123.0	27.2	95.8
Ill.	574.3	490.8	343.8	240.7	65.5	175.3	510.2	428.7	298.0	204.1	54.4	149.7
Mich.	287.6	236.1	179.5	140.8	52.4	88.4	246.0	199.7	151.9	117.5	43.3	74.2
Wis.	444.5	361.1	255.4	183.0	24.3	158.7	395.9	319.8	225.2	158.8	14.6	144.2
W. N. Central	2,990.8	2,410.7	1,653.0	1,114.2	238.4	875.8	2,678.6	2,148.4	1,455.5	957.3	190.2	767.1
Minn.	458.6	385.1	268.3	189.2	38.3	150.9	408.8	343.1	238.4	164.5	29.9	134.6
Iowa	750.9	627.6	434.4	286.0	34.8	251.2	685.7	572.5	392.2	253.1	24.2	228.9
Mo.	406.5	325.9	241.5	182.1	41.3	140.7	333.7	266.0	193.5	144.0	26.6	117.5
N. Dak.	211.9	147.9	72.7	71.4	32.7	38.6	189.7	129.2	59.6	60.6	30.7	29.9
S. Dak.	243.8	195.1	131.8	71.8	18.7	53.1	222.0	176.6	119.0	61.5	16.8	44.7
Nebr.	458.5	381.8	249.0	152.7	29.2	123.5	419.8	349.7	225.6	134.1	24.5	109.6
Kans.	460.5	347.2	255.1	161.0	43.3	117.7	418.8	311.4	227.1	139.5	37.5	101.9
S. Atlantic	1,301.5	1,051.2	774.6	600.5	356.1	244.4	993.6	781.0	539.2	404.8	274.2	130.6
Del.	25.3	20.1	16.0	11.7	5.0	6.7	22.3	17.5	13.8	9.9	4.1	5.8
Md.	102.0	77.0	64.4	49.6	20.0	29.6	86.0	63.5	52.6	39.9	16.5	23.4
Va.	218.2	154.4	130.0	97.9	43.6	54.3	156.3	104.1	81.6	58.8	26.6	32.2
W. Va.	84.2	66.7	58.9	45.2	15.0	30.2	51.6	38.7	34.2	24.6	6.1	18.5
N. C.	311.6	252.2	177.4	144.3	98.5	45.8	231.0	177.0	114.8	92.0	75.3	16.6
S. C.	157.7	129.8	88.5	68.5	46.2	22.3	120.9	97.0	60.2	44.4	36.7	7.7
Ga.	272.5	211.9	135.2	96.7	57.8	38.9	207.5	155.9	88.0	57.6	42.9	14.7
Fla.	130.1	139.0	104.2	86.5	69.9	16.6	117.9	127.3	94.1	77.7	66.0	11.6
E. S. Central	985.4	682.8	521.6	408.1	242.5	165.6	734.1	458.9	331.3	256.2	171.4	84.8
Ky.	237.2	172.7	140.4	116.0	61.0	55.0	171.9	118.0	90.8	75.8	43.0	32.9
Tenn.	227.6	168.7	128.7	99.2	52.6	46.6	161.1	108.9	80.7	62.2	35.4	26.9
Ala.	233.6	174.1	124.7	96.2	62.1	34.1	168.4	112.9	71.9	53.6	42.3	11.3
Miss.	287.0	167.3	127.8	96.7	66.8	29.9	232.6	119.0	87.8	64.5	50.8	13.8
W. S. Central	1,532.4	1,023.7	822.9	644.0	402.0	242.0	1,296.3	815.6	646.5	503.5	351.8	151.8
Ark.	241.1	126.8	123.9	93.2	63.6	29.6	192.2	85.7	88.9	65.7	52.3	13.4
La.	179.4	130.1	102.0	80.7	57.1	23.6	149.0	101.3	77.6	60.0	48.7	11.3
Okla.	315.3	189.7	153.3	115.9	59.2	56.6	265.9	150.1	119.1	89.7	51.2	38.5
Tex.	796.6	577.1	443.8	354.2	222.1	132.0	689.2	478.5	361.0	288.1	199.5	88.5
Mountain	691.8	539.2	363.3	270.7	100.7	170.0	638.3	494.9	327.2	240.3	92.2	148.1
Mont.	131.6	93.4	62.1	53.2	22.7	30.5	119.7	83.6	54.2	46.2	21.0	25.3
Idaho	127.3	93.2	60.6	46.7	22.0	24.8	117.9	85.5	54.5	41.8	20.2	21.5
Wyo.	58.2	45.4	33.3	24.0	5.2	18.8	53.7	41.6	30.1	21.3	4.4	16.9
Colo.	168.0	153.4	95.3	63.0	21.4	41.6	155.7	143.3	87.3	56.6	19.8	36.8
N. Mex.	64.7	42.7	32.6	24.5	7.1	17.3	58.9	37.9	28.6	20.8	6.0	14.9
Ariz.	59.6	44.6	31.1	24.8	11.1	13.7	56.5	41.7	28.3	22.4	10.5	12.0
Utah	63.0	53.1	38.2	27.7	10.5	17.2	57.7	48.6	34.8	24.9	9.6	15.3
Nev.	19.4	13.4	10.1	6.9	.8	6.1	18.2	12.3	9.3	6.3	.7	5.6
Pacific	1,108.6	882.0	663.9	543.3	323.7	219.6	1,056.1	837.4	627.7	513.0	312.5	200.5
Wash.	215.3	169.9	119.5	93.5	49.1	44.4	197.9	154.4	106.7	82.4	43.9	38.6
Oreg.	143.5	110.8	80.5	62.6	27.5	35.1	129.3	99.1	71.4	55.1	24.5	30.6
Calif.	749.8	601.3	463.9	387.3	247.1	140.2	729.0	583.9	449.6	375.5	244.2	131.4

[1] United States totals include income from sugar beets for minor producing States for which separate estimates are not available, as follows: 1929, $4,472,000; 1930, $6,060,000 1931, $5,157,000; 1932, $3,867,000. For gross income for the United States adjusted for interstate duplications, see Table 537, p. 565.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 540.—INDEX NUMBERS OF FARM PRICES AND WHOLESALE PRICES OF AGRICULTURAL PRODUCTS, BY GROUPS

[1923-1925=100]

Yearly average or year and month	Farm prices, 27 commodities [1]							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	[2] 72.4	[2] 86.6	[2] 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
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
1931	58	47	70	79	67	64	31	63.0	51.8	74.9	60.1
1932	41	33	51	53	50	53	23	46.9	38.5	56.5	44.7
1931											
January-March	66	57	78	92	73	62	38	69.3	59.3	84.2	64.6
April-June	62	54	84	84	66	55	36	65.7	57.1	76.7	62.5
July-September	54	41	69	76	63	61	28	61.3	45.0	74.6	59.1
October-December	49	39	49	63	67	78	23	56.2	46.4	64.5	54.6
December	48	39	49	58	66	80	22	54.2	45.9	60.6	53.2
1932											
January-March	44	38	50	57	57	48	23	49.9	44.4	60.6	46.2
April-June	40	36	57	52	49	42	21	45.9	40.7	54.9	43.2
July-September	42	32	55	58	46	50	25	47.4	36.6	61.8	43.8
October-December	39	26	41	47	49	75	23	44.6	32.4	49.1	45.5
December	37	25	42	44	49	80	21	42.9	31.0	45.4	44.6

[1] For 1922 to 1925, 30 commodities.

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

No. 541.—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	94	97	103	91
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	96	103	107	92
1929	99	100	98	101	102	95	102	106	90
1930	84	94	93	97	91	86	86	96	83
1931	58	81	79	84	69	73	63	79	73
1932	41	70	67	74	51	64	47	64	69
1931									
March	65	86	83	89	[3] 76	75	69	82	76
June	58	83	81	86	[3] 74	72	64	77	73
September	52	79	77	81	[3] 68	71	59	78	72
December	47	77	74	80	[3] 59	68	54	73	71
1932									
March	44	74	71	77	[3] 56	66	49	66	69
June	37	71	68	75	[3] 52	63	44	62	69
September	42	69	67	72	[3] 50	65	48	65	69
December	37	68	64	72	[3] 44	62	43	62	68

[1] Annual indexes are based on retail prices paid by farmers, reported quarterly.

[2] Average for 1913 and 1914.

[3] Wages for the month following the one stated in the stub.

Source of Tables 540 and 541: Computed from data of Departments of Agriculture and Labor.

No. 542.—FOREIGN TRADE IN AGRICULTURAL AND FOREST PRODUCTS: YEARS ENDED JUNE 30

NOTE.—**All figures except percentages, in thousands of dollars.** Crude rubber and similar gums (now mostly plantation products) are included in agricultural products and excluded from forest products

Yearly average or year ended June 30—	Agricultural exports (excl. forest products)			Agricultural imports (excl. forest products)		Forest products		
	United States products		Foreign products (reexports)	Total	Per cent of all imports	Exports		Imports
	Total	Per cent of all exports [1]				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	168,982
1922–1926	1,950,850	45.9	58,806	1,982,253	53.5	141,078	1,715	214,824
1927–1931	1,620,894	35.9	57,803	1,941,577	51.2	156,820	1,458	205,676
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	128,191	3,410,018	65.1	190,049	5,380	229,091
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	2,520,775	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	238,247
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	1,495,907	32.4	50,670	1,800,508	49.1	161,743	1,382	209,418
1931	1,038,634	34.2	28,791	1,163,054	47.9	97,695	858	142,590
1932 (prel.)	752,141	39.4	22,692	835,400	48.3	62,270	409	104,435

[1] Based on total exports of United States merchandise.

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

No. 543.—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	151.3	6.3	147.3	35.0	98.7	551.9	44.8
1921–1925	2,013.2	285.5	38.9	474.3	102.0	143.0	805.0	164.6
1926–1930	1,691.6	190.5	23.7	318.6	144.3	104.4	765.7	144.5
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	496.8	145.6
1931	821.4	93.4	12.8	106.0	122.0	50.7	325.7	110.8
1932	662.3	55.3	6.6	66.9	84.9	37.5	345.2	65.9

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

No. 544.—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)	1921–1925	1926–1930	1927	1928	1929	1930	1931	1932
Grand total	1,035.7	2,013.2	1,691.6	1,884.6	1,863.1	1,692.9	1,200.7	821.4	662.3
Live animals	13.0	10.0	5.8	6.7	6.5	5.8	4.2	1.6	.9
Meats	62.7	133.2	71.4	64.2	60.9	72.5	60.7	32.2	16.0
Eggs and dairy products	6.3	38.9	23.7	25.3	24.7	22.1	19.5	12.8	6.6
Animal fats and oils	83.8	146.4	116.9	116.8	119.4	124.1	87.9	60.6	37.9
Hides and skins	3.2	7.6	9.0	11.5	11.1	6.8	4.9	3.1	2.2
Bread grains [1]	107.6	363.9	248.5	367.9	214.5	199.3	160.4	85.8	52.7
Coarse grains	36.8	97.0	59.0	63.8	87.6	72.5	21.0	12.6	9.1
Rice	.6	11.9	10.8	11.8	13.2	14.1	9.7	7.3	5.0
Fodders and feeds	28.1	26.7	27.2	32.9	30.9	32.7	11.1	13.8	11.0
Vegetables	5.8	16.4	18.7	18.7	18.9	21.4	16.6	10.6	6.3
Fruits	29.4	81.5	120.8	120.1	127.8	136.0	109.7	108.2	76.5
Vegetable oils, expressed, oilseeds, and nuts	21.2	16.5	11.3	13.4	12.7	10.3	9.0	7.0	7.5
Coffee and substitutes	7.3	6.5	4.9	6.3	3.5	2.9	2.8	2.3	1.4
Sugar and related products	9.5	48.1	13.9	17.3	16.0	13.3	8.4	5.1	3.1
Seeds, except oilseeds	2.6	3.8	3.5	3.6	2.7	3.3	3.8	2.3	1.5
Tobacco	44.8	164.6	144.5	139.7	154.5	146.1	145.6	110.8	65.9
Cotton	551.9	805.0	765.7	826.3	920.0	770.8	496.8	325.7	345.2
Wool and hair	1.3	1.6	2.3	2.7	2.5	2.4	1.8	1.2	.8
All other	19.9	33.6	33.9	35.9	35.5	36.6	26.7	18.5	12.7

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

No. 545.—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
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
1931	99	88	88	81	73	59	166	149	247
1932	81	70	57	106	59	63	123	119	147

No. 546.—AGRICULTURAL EXPORT INDEXES: BY GROUPS OF PRODUCTS

Group	Relative numbers, 1932, as compared with 1931 as 100			Relative numbers, 1932 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	82	79	65	81	71	57
Animal products, edible	88	67	59	58	63	36
Dairy products and eggs	61	84	52	96	109	105
Grains and preparations	72	88	63	72	63	45
Vegetables, fruits, and nuts	85	82	70	291	84	243
Cotton	131	81	106	108	58	63
Tobacco	75	80	60	(1)	(1)	(1)

[1] Not computed.

Source of Tables 544, 545, and 546: Bureau of Foreign and Domestic Commerce, Department of Commerce.

27.—FARM ANIMALS AND ANIMAL PRODUCTS

[Data in this section relate to continental United States]

No. 547.—DOMESTIC ANIMALS: NUMBER AND VALUE OF ANIMALS ON FARMS

NOTE.—Animals of all ages are included except in figures for cattle and sheep, 1880 and 1890, which are nominally exclusive of calves and lambs, respectively. Value includes only animals specified. The difference in date of enumeration affects the comparability of the census figures for all classes and especially for swine

Year and date	Number (thousands)							Value of all animals (thousands of dollars)
	Horses	Mules	All cattle	Dairy cows [1]	Other cattle	Sheep	Swine	
Census returns—								
1880 (June 1)	10,357	1,813	39,676	12,443	27,232	42,192	49,773	----------
1890 (June 1)	15,266	2,252	57,649	16,512	41,137	40,876	57,427	----------
1900 (June 1)	18,267	3,265	67,719	17,136	50,584	61,504	62,868	2,970,121
1910 (Apr. 15)	19,833	4,210	61,804	20,625	41,178	52,448	58,186	4,740,684
1920 (Jan. 1)	19,767	5,432	66,640	19,675	46,964	35,034	59,346	7,596,877
1925 (Jan. 1)	16,401	5,681	60,760	17,645	43,115	35,590	50,854	4,439,966
1930 (Apr. 1)	13,511	5,375	63,896	20,499	43,397	56,975	56,288	5,707,594
Estimates Jan. 1 [2]								
1912	20,509	4,362	55,022	18,312	36,710	43,279	56,700	4,793,295
1913	20,567	4,386	55,833	18,526	37,307	40,700	54,000	5,333,683
1914	20,962	4,449	58,737	18,930	39,807	37,773	51,800	5,793,418
1915	21,195	4,479	62,532	19,526	43,006	36,287	57,000	5,935,135
1916	21,159	4,593	66,394	20,064	46,330	36,543	59,700	5,998,278
1917	21,210	4,723	69,533	20,541	48,992	36,700	56,700	6,652,868
1918	21,555	4,873	71,229	21,021	50,208	39,000	61,200	8,066,736
1919	21,482	4,954	70,261	21,219	49,042	41,000	63,800	8,532,916
1920	20,092	5,656	70,325	21,455	48,870	40,643	60,159	8,108,569
1921	19,366	5,772	68,633	21,440	47,193	39,378	58,942	6,048,190
1922	18,760	5,827	68,663	21,822	46,841	36,821	59,849	4,748,947
1923	18,123	5,895	67,384	22,099	45,285	36,695	69,304	5,052,481
1924	17,365	5,908	65,832	22,288	43,544	37,020	66,576	4,736,825
1925	16,640	5,918	63,115	22,505	40,610	38,392	55,770	4,670,532
1926	16,067	5,903	59,977	22,311	37,666	40,183	52,085	4,982,493
1927	15,368	5,801	57,528	22,159	35,369	42,302	55,468	5,081,770
1928	14,768	5,647	56,701	22,129	34,572	45,121	61,772	5,590,982
1929	14,203	5,496	57,878	22,330	35,548	48,249	58,789	6,114,876
1930	13,684	5,366	59,730	22,910	36,820	51,233	55,301	5,993,599
1931	13,169	5,226	60,987	23,576	37,411	52,599	54,399	4,453,901
1932	12,641	5,089	62,656	24,469	38,187	53,321	59,078	3,195,532
1933	12,163	4,981	65,129	25,136	39,993	51,630	60,716	2,661,985

[1] Census returns prior to 1900 represented "milch" cows; in 1900, cows kept for milk 2 years old and over; in 1910, cows and heifers kept for milk born before Jan. 1, 1909 (estimated number 2 years old and over Jan. 1, 17,125,000); in 1920 and 1925, dairy cows and heifers 2 years old and over; in 1930, cows and heifers, born before 1928, kept mainly for milk production. Estimates as of Jan. 1 represent cows and heifers 2 years old and over kept for milk.

[2] Estimates by Bureau of Agricultural Economics, Department of Agriculture.

No. 548.—DOMESTIC ANIMALS, CHICKENS, AND BEES IN THE UNITED STATES ON FARMS: NUMBER AND VALUE

NOTE.—**Number in thousands, value in thousands of dollars.** Data are as of Jan. 1, 1920 and 1925, and Apr. 1, 1930. Owing to the change in date of enumeration figures for 1930 are not closely comparable with those for earlier years.

Kind	Number			Value		
	1920	1925	1930	1920	1925	1930
Total	----------	----------	----------	7,988,991	[1] 4,858,389	6,064,051
All cattle	66,640	60,760	63,896	3,651,521	2,019,489	3,303,988
Cows and heifers kept mainly for milk production	[2] 19,675	[2] 17,645	[3] 20,499	1,507,513	912,532	1,572,720
Horses	19,767	16,401	13,511	1,782,077	1,001,521	905,881
Mules	5,432	5,681	5,375	779,294	449,520	442,766
Asses and burros	72	(4)	48	8,198	(4)	1,881
Sheep	35,034	35,590	56,975	395,401	354,485	413,860
Goats	3,459	3,370	4,821	17,565	10,250	19,320
Swine	59,346	50,854	56,288	988,582	614,951	641,099
Chickens	359,537	409,291	[5] 378,878	349,509	379,011	[5] 321,625
Bees, hives	3,467	(4)	[6] 3,108	16,841	(4)	[6] 13,632

[1] Value of all livestock including value of livestock not reported, estimated at $29,162,000.
[2] Dairy cows and heifers, 2 years old and over. [3] Born before 1928.
[4] Not reported. [5] Over 3 months old Apr. 1, 1930. [6] On farms and elsewhere.

Source: Bureau of the Census, Department of Commerce.

No. 549—DOMESTIC ANIMALS: NUMBER ON

NOTE.—By reason of the change in date of census enumeration from Jan. 1, in 1920 and 1925

[All figures

Division and State	Horses				Mules				All cattle			
	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1933 (Jan. 1) [2]	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1933 (Jan. 1) [2]	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1933 (Jan. 1) [2]
United States	19,767	16,401	13,511	12,163	5,432	5,681	5,375	4,981	66,640	60,760	63,896	65,129
New England	305	259	182	160	3	3	2	(3)	1,320	1,119	1,271	1,192
Maine	94	82	61	52	(3)	1	1	(3)	301	236	257	251
New Hampshire	38	31	20	17	(3)	(3)	(3)	(3)	164	121	136	129
Vermont	77	63	52	46	1	1	1	(3)	435	393	472	437
Massachusetts	51	44	25	22	(3)	1	(3)	(3)	216	188	207	186
Rhode Island	7	5	3	4	(3)	(3)	(3)	(3)	31	27	32	29
Connecticut	38	34	21	19	1	1	1	(3)	174	153	167	160
Middle Atlantic	1,115	907	672	618	68	65	60	59	3,869	3,309	3,906	3,624
New York	536	440	321	300	7	7	6	6	2,144	1,837	2,220	2,042
New Jersey	73	57	39	33	6	5	3	2	179	153	175	170
Pennsylvania	506	410	312	285	55	53	51	51	1,546	1,319	1,511	1,412
East North Central	4,114	3,303	2,688	2,492	310	315	261	253	10,898	9,656	10,627	10,262
Ohio	811	630	495	460	32	33	31	33	1,927	1,653	1,773	1,691
Indiana	717	556	443	412	100	101	82	81	1,546	1,282	1,447	1,500
Illinois	1,297	1,030	821	742	168	168	134	126	2,788	2,305	2,342	2,455
Michigan	606	482	383	366	6	7	7	6	1,586	1,406	1,528	1,418
Wisconsin	683	604	546	512	4	6	7	7	3,051	3,010	3,537	3,198
West North Central	6,942	5,968	5,152	4,676	847	892	673	641	20,163	19,204	19,877	20,901
Minnesota	933	835	805	760	10	13	15	15	3,021	2,853	3,156	3,343
Iowa	1,387	1,180	1,048	955	82	97	85	79	4,548	4,264	4,136	4,284
Missouri	906	708	597	551	389	372	296	288	2,782	2,372	2,783	2,664
North Dakota	856	731	612	551	8	9	8	8	1,335	1,341	1,454	1,691
South Dakota	817	720	621	552	15	21	19	17	2,348	2,022	1,974	2,098
Nebraska	961	862	754	676	100	120	99	88	3,154	3,283	3,150	3,358
Kansas	1,083	931	715	631	243	260	151	146	2,975	3,068	3,224	3,463
South Atlantic	1,039	808	604	533	1,079	1,023	1,023	936	4,703	4,135	3,780	3,883
Delaware	28	22	18	16	9	9	10	9	47	46	54	50
Maryland	141	117	94	89	33	31	29	28	283	273	319	282
Dist. of Col.	(3)	(3)	(3)	(4)	(3)	(3)	(3)	(4)	1	1	1	(4)
Virginia	312	260	203	178	97	102	94	90	910	807	833	816
West Virginia	169	143	113	101	15	15	12	12	587	568	556	525
North Carolina	171	131	87	75	257	280	294	265	645	539	533	588
South Carolina	78	49	31	23	220	199	189	164	434	341	270	290
Georgia	101	54	37	33	406	344	354	326	1,157	906	783	852
Florida	39	29	21	18	42	43	41	42	639	656	431	480
East South Central	1,046	768	591	511	1,250	1,277	1,272	1,241	4,547	3,636	3,968	4,092
Kentucky	382	307	248	224	293	294	252	257	1,093	905	1,086	1,071
Tennessee	318	242	175	146	353	352	319	315	1,159	986	1,074	1,094
Alabama	130	87	65	55	296	303	332	322	1,044	822	799	875
Mississippi	215	131	103	86	308	328	369	347	1,250	923	1,009	1,052
West South Central	2,160	1,760	1,524	1,344	1,685	1,893	1,918	1,697	10,108	9,009	10,243	10,474
Arkansas	252	182	138	125	323	341	362	319	1,073	810	813	915
Louisiana	179	131	118	104	180	173	201	180	804	697	730	784
Oklahoma	738	608	506	439	337	368	315	276	2,074	1,657	2,097	2,280
Texas	991	838	762	676	846	1,010	1,040	922	6,157	5,846	6,603	6,495
Mountain	2,076	1,850	1,511	1,348	89	112	89	84	7,600	7,406	6,691	7,333
Montana	669	594	450	380	9	10	8	8	1,269	1,322	1,290	1,378
Idaho	293	233	206	180	8	8	7	7	715	606	622	687
Wyoming	198	200	173	154	3	5	4	4	875	783	824	906
Colorado	421	365	329	318	31	38	29	26	1,757	1,436	1,454	1,526
New Mexico	183	187	141	125	20	31	23	21	1,300	1,267	1,055	1,167
Arizona	136	112	80	72	12	12	12	12	822	1,069	695	894
Utah	125	110	91	83	3	4	3	3	506	504	442	480
Nevada	50	50	41	36	2	4	3	3	356	419	309	295
Pacific	970	780	587	481	101	101	77	70	3,432	3,285	3,533	3,368
Washington	296	242	182	151	23	26	22	20	573	582	625	646
Oregon	272	224	179	154	14	19	14	14	851	784	805	835
California	402	314	226	176	63	56	41	36	2,008	1,918	2,103	1,887

[1] Census returns for 1920 and 1925 represent dairy cows and heifers 1 year old and over, for 1930, cows and heifers born before 1929 kept mainly for milk production. Estimates for Jan. 1, 1933, represent cows and heifers 1 year old and over kept for milk cows.

FARMS, BY DIVISIONS AND STATES, 1920 TO 1933

to Apr. 1 in 1930, figures for 1930 are not very closely comparable with data for other years

in thousands]

Dairy cows and heifers [1]				Sheep				Swine				Division and State
1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1933 (Jan. 1) [2]	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1933 (Jan. 1) [2]	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)	1933 (Jan. 1) [2]	
23,724	20,714	24,258	25,777	35,034	35,590	56,975	51,630	59,346	50,854	56,288	60,716	U. S.
1,016	920	818	950	243	154	201	153	384	193	228	219	N. Eng.
217	181	153	189	119	85	100	76	91	54	46	55	Me.
119	97	85	98	28	16	21	17	42	16	16	16	N. H.
346	325	310	353	63	35	51	37	73	44	29	34	Vt.
174	164	137	153	19	10	13	11	104	58	105	84	Mass.
25	24	22	24	3	2	3	2	13	4	5	5	R. I.
135	129	111	133	11	7	13	10	61	17	27	25	Conn.
2,928	2,670	2,426	2,855	1,098	893	1,220	967	1,931	1,050	1,007	995	Mid. Atl.
1,730	1,552	1,405	1,659	579	473	618	459	601	259	221	213	N. Y.
148	135	121	139	10	6	12	7	139	56	129	75	N. J.
1,050	983	900	1,057	509	415	590	501	1,191	734	657	707	Pa.
6,082	5,877	5,800	6,963	5,073	4,479	6,599	5,322	14,183	11,774	12,985	13,833	E. N. C.
1,059	968	961	1,144	2,103	1,941	2,536	2,129	3,084	2,368	2,778	2,486	Ohio.
727	691	738	910	644	595	1,118	800	3,757	2,939	3,347	3,573	Ind.
1,148	969	1,088	1,330	638	566	944	699	4,639	4,249	4,652	5,390	Ill.
967	944	843	1,024	1,209	1,066	1,416	1,240	1,106	855	596	773	Mich.
2,180	2,304	2,170	2,555	480	310	585	454	1,596	1,363	1,612	1,611	Wis.
5,485	4,403	6,845	8,483	4,950	4,007	7,312	7,724	21,715	24,600	27,650	29,071	W. N. C.
1,532	1,565	1,712	2,060	509	379	927	1,089	2,381	2,715	3,316	3,496	Minn.
1,094	822	1,486	1,791	1,092	818	1,558	1,190	7,864	8,567	10,056	10,813	Iowa.
793	617	970	1,230	1,272	894	1,750	1,195	3,889	3,502	3,861	4,390	Mo.
461	385	583	785	299	311	857	1,199	458	784	628	623	N. Dak.
406	292	587	761	844	644	1,150	1,455	1,954	2,600	2,637	2,142	S. Dak.
517	268	691	841	573	647	496	1,005	3,436	4,236	4,679	4,374	Nebr.
681	454	816	1,015	361	315	574	591	1,733	2,197	2,473	3,233	Kans.
2,012	1,549	1,704	2,094	1,209	1,077	2,187	1,424	6,536	4,176	4,393	4,365	S. Atl.
38	39	34	41	3	2	5	4	39	24	30	22	Del.
189	196	190	214	103	92	194	108	306	188	205	176	Md.
1	1	1	(4)	(3)	-------	(3)	(4)	1	1	1	(4)	D. C.
418	329	384	455	342	351	829	495	941	582	700	523	Va.
210	154	216	253	510	441	897	631	305	177	222	197	W. Va.
355	292	298	394	91	67	146	92	1,271	872	839	996	N. C.
229	178	151	183	24	14	19	14	845	535	471	562	S. C.
484	308	342	443	72	51	50	36	2,071	1,300	1,358	1,376	Ga.
90	52	88	111	65	60	47	44	755	498	567	513	Fla.
2,031	1,593	1,868	2,341	1,318	1,155	2,402	1,499	6,207	3,453	3,601	4,400	E. S. C.
515	433	532	614	708	696	1,597	942	1,504	919	1,035	1,101	Ky.
495	416	493	613	364	290	626	405	1,832	1,009	1,002	1,236	Tenn.
491	363	371	512	82	56	69	52	1,497	827	831	1,053	Ala.
530	381	472	602	164	114	110	100	1,373	698	733	1,010	Miss.
2,296	1,730	2,590	3,407	2,909	3,359	7,500	8,053	5,758	3,451	4,148	5,311	W. S. C.
517	325	390	549	100	51	86	61	1,378	847	776	1,100	Ark.
218	116	256	324	130	109	171	147	851	518	759	672	La.
560	429	703	920	105	62	222	201	1,304	920	1,051	1,506	Okla.
1,002	860	1,241	1,614	2,573	3,137	7,021	7,644	2,226	1,166	1,562	2,033	Tex.
754	723	973	1,222	13,207	15,130	21,008	20,185	1,193	1,311	1,217	1,353	Mountain.
153	122	186	240	2,083	2,188	4,028	4,049	167	278	210	227	Mont.
143	171	194	253	2,356	1,746	3,302	2,115	240	276	268	308	Idaho.
42	39	72	89	1,860	2,507	3,418	3,893	72	100	98	98	Wyo.
234	192	266	329	1,813	2,244	2,505	3,055	450	493	462	512	Colo.
46	47	70	87	1,640	1,743	2,291	2,820	88	55	65	78	N. Mex.
39	41	41	57	882	1,164	1,340	1,003	50	19	24	24	Ariz.
81	88	120	140	1,692	2,355	2,922	2,360	99	64	67	87	Utah.
16	23	24	27	881	1,184	1,202	890	27	25	23	19	Nev.
1,120	1,249	1,234	1,462	5,026	5,336	8,546	6,303	1,441	845	1,059	1,169	Pacific.
290	319	298	382	624	516	1,143	720	265	198	186	242	Wash.
216	245	253	313	2,002	1,775	3,319	2,545	267	216	225	221	Oreg.
614	685	683	767	2,400	3,045	4,084	3,038	909	431	648	706	Calif.

[2] Estimates by Department of Agriculture. [3] Less than 500. [4] No estimate.

Source: Bureau of the Census, Department of Commerce, except as noted.

No. 550.—DOMESTIC ANIMALS ON FARMS IN THE UNITED STATES: By Age and Sex, April 1, 1930

Class	Number (thousands)	Class	Number (thousands)
Horses, total	13,511	**Cattle—Continued.**	
Colts born between Jan. 1 and Apr. 1, 1930	127	Cows and heifers born before 1928	28,336
Colts born in 1929 (yearlings)	495	Kept mainly for milk production	20,499
Colts born in 1928 (2-year-olds)	463	Kept mainly for beef production	7,837
Horses born before 1928	12,426		
Mules, total	5,375	**Swine, total**	56,288
Mule colts born between Jan. 1 and Apr. 1, 1930	21	Pigs born between Jan. 1 and Apr. 1, 1930	23,494
Mule colts born in 1929 (yearlings)	81	Sows and gilts farrowing between Jan. 1 and June 1, 1930	7,674
Mule colts born in 1928 (2-year-olds)	87	Other swine born before Jan. 1, 1930	25,120
Mules born before 1928	5,186		
Cattle, total	63,896	**Sheep and lambs, total**	56,975
Calves born between Jan. 1 and Apr. 1, 1930	9,646	Lambs born since Oct. 1, 1929	15,195
Steers and bulls born in 1929 (yearlings)	6,313	Rams and wethers born before Oct. 1, 1929	3,683
Heifers born in 1929 (yearlings)	8,744	Yearling ewes born between Oct. 1, 1928, and Oct. 1, 1929	7,302
Bulls born before 1929	1,262	Ewes born before Oct. 1, 1928	30,795
Steers born in 1928 (2-year-olds)	2,616		
Steers born before 1928	1,136	**Goats and kids, total**	4,821
Heifers born in 1928 (2-year-olds)	5,843	Angora goats and kids (all ages)	3,785
Kept mainly for milk production	3,759	Other goats and kids (all ages)	1,036
Kept mainly for beef production	2,084		

No. 551.—DOMESTIC ANIMALS ON FARMS IN THE UNITED STATES: Number, Averages, and Ratios, at Each Census, 1920 to 1930

Note.—By reason of the change in date of enumeration from Jan. 1 in 1920 and 1925 to Apr. 1 in 1930, figures for 1930 are not very closely comparable with those for earlier years

Item	Horses	Mules	All cattle	Dairy cows [1]	Sheep	Goats	Swine
Number:							
1920	19,767,161	5,432,391	66,639,556	19,675,297	35,033,516	3,458,925	59,346,409
1925	16,400,623	5,680,897	60,760,366	17,644,867	35,590,159	3,370,218	50,853,526
1930	13,510,839	5,375,017	63,895,826	20,498,955	56,975,084	4,821,294	56,287,920
Increase, 1925–1930: [2]							
Number	−2,889,784	−305,880	3,135,460	2,854,088	21,384,925	1,451,076	5,434,394
Per cent	−17.6	−5.4	5.2	16.2	60.1	43.1	10.7
Number of farms reporting:							
1920	4,704,235	2,259,746	5,358,243	4,461,296	538,593	107,267	4,850,807
1925	[3] 5,365,513	(4)	(4)	3,728,587	430,738	91,402	3,618,624
1930	[3] 5,024,713	(4)	4,803,174	4,452,936	583,578	112,864	3,535,119
Per cent of all farms:							
1920	73.0	35.0	83.1	69.2	8.4	1.7	75.2
1925	[3] 84.2	(4)	(4)	58.5	6.8	1.4	56.8
1930	[3] 79.9	(4)	76.4	70.8	9.3	1.8	56.2
Average number per farm reporting:							
1920	4.2	2.4	12.4	4.4	65.0	32.2	12.2
1925	[3] 4.1	(4)	(4)	4.7	82.6	36.9	14.1
1930	[3] 3.8	(4)	13.3	4.6	97.6	42.7	15.9
Average number per 1,000 acres of all land in farms:							
1920	21	6	70	21	37	4	62
1925	18	6	66	19	39	4	55
1930	14	5	65	21	58	5	57
Average value per head (dollars):							
1920	90.15	143.45	54.80	76.62	11.29	5.08	16.66
1925	61.07	79.13	33.24	51.72	9.96	3.04	12.09
1930	67.05	82.37	51.71	76.72	7.26	4.01	11.39

[1] For 1920 and 1925, dairy cows 2 years old and over Jan. 1; for 1930, cows and heifers born before 1928 kept mainly for milk production.
[2] A minus sign (−) denotes decrease. [3] Includes mules. [4] Not available.

Source of Tables 550 and 551: Bureau of the Census, Department of Commerce.

No. 552.—DOMESTIC ANIMALS: Receipts and Shipments at all Reporting Public Stockyards and Principal Public Stockyards

[All figures in thousands]

Item and yearly average or year	Chicago	Denver	East St. Louis	Fort Worth	Kansas City	Omaha	St. Joseph	South St. Paul	Sioux City	Total, 9 stockyards	All other stockyards reporting [1]	Total, all stockyards reporting [1] [2]
CATTLE AND CALVES												
Receipts:												
1911–1915	2,957	416	1,081	1,046	2,151	1,062	451	607	443	10,214	------	------
1916–1920	3,924	685	1,368	1,421	2,828	1,745	683	1,286	739	14,678	7,893	22,573
1921–1925	3,852	595	1,341	1,218	2,932	1,709	675	1,336	772	14,430	8,366	22,796
1926–1930	3,344	611	1,343	1,148	2,328	1,609	614	1,549	857	13,403	8,341	21,744
1929	3,060	624	1,223	1,089	2,178	1,546	590	1,425	839	12,574	7,866	20,440
1930	2,796	593	1,203	969	2,167	1,605	560	1,339	857	12,089	8,077	20,166
1931	2,833	504	1,171	841	1,958	1,690	508	1,415	851	11,771	7,845	19,616
1932	2,453	425	1,064	653	1,854	1,453	437	1,234	594	10,167	7,165	17,332
Shipments:												
1911–1915	891	(1)	309	(1)	(1)	445	154	357	241	[3] 2,397	------	------
1916–1920	1,017	538	393	586	1,266	740	223	749	416	5,927	3,538	9,465
1921–1925	1,103	453	814	429	1,421	729	232	475	411	6,067	3,623	9,690
1926–1930	846	454	887	463	1,130	626	187	447	415	5,454	3,407	8,861
1929	758	466	785	500	1,108	632	199	429	419	5,294	3,106	8,400
1930	710	449	769	476	1,138	684	195	331	437	5,189	3,129	8,318
1931	811	352	755	405	1,094	759	155	349	432	5,111	3,015	8,126
1932	665	290	632	324	1,045	599	126	261	266	4,208	2,640	6,848
SHEEP AND LAMBS												
Receipts:												
1911–1915	5,317	694	874	314	2,044	3,107	793	725	286	14,154	------	------
1916–1920	4,353	1,857	613	404	1,711	3,251	832	665	404	14,090	8,747	22,837
1921–1925	4,173	1,918	575	351	1,619	2,704	974	521	279	13,114	9,457	22,571
1926–1930	4,044	2,076	568	464	1,783	2,972	1,500	972	714	15,094	10,922	26,016
1929	3,785	2,290	534	540	1,753	3,031	1,636	1,139	840	15,548	11,320	26,868
1930	4,335	2,062	584	432	2,016	3,410	1,634	1,354	1,188	17,015	12,793	29,808
1931	4,489	2,499	661	1,173	2,244	3,510	1,572	1,690	1,279	19,118	13,905	33,023
1932	3,922	2,834	711	1,198	1,837	2,388	1,291	1,522	776	16,479	12,827	29,306
Shipments:												
1911–1915	1,088	(1)	78	(1)	(1)	1,412	183	534	76	[3] 3,371	------	------
1916–1920	1,076	1,684	98	232	658	1,703	233	472	191	6,347	5,564	11,911
1921–1925	1,306	1,746	215	215	516	1,129	228	205	90	5,650	5,999	11,649
1926–1930	1,208	1,859	215	232	504	1,252	374	457	216	6,316	7,055	13,371
1929	1,118	2,057	201	258	458	1,334	467	582	255	6,730	7,265	13,995
1930	1,311	1,808	213	204	501	1,378	377	691	402	6,885	7,721	14,606
1931	1,426	2,191	220	472	821	1,549	393	926	509	8,506	8,490	16,996
1932	915	2,600	197	391	563	834	246	802	266	6,814	7,400	14,214
SWINE												
Receipts:												
1911–1915	7,225	258	2,678	465	2,611	2,540	1,837	1,379	1,520	20,513	------	------
1916–1920	8,234	382	3,214	759	2,838	3,046	2,102	2,220	2,239	25,034	17,518	42,552
1921–1925	9,041	452	3,972	416	2,695	3,297	2,042	3,092	2,742	27,749	20,219	47,968
1926–1930	7,884	514	3,721	334	2,164	2,997	1,537	3,017	2,436	24,605	17,911	42,516
1929	8,193	539	3,865	402	2,476	3,166	1,627	2,869	2,313	25,450	18,647	44,097
1930	7,870	512	3,459	279	2,015	3,363	1,446	2,759	2,317	24,021	16,753	40,774
1931	7,942	597	2,970	216	1,337	3,525	1,322	3,251	2,646	23,805	15,733	39,538
1932	6,602	652	2,626	255	1,356	3,078	1,226	2,600	1,955	20,351	14,677	35,028
Shipments:												
1911–1915	1,439	(1)	891	(1)	(1)	393	121	424	419	[3] 3,687	------	------
1916–1920	1,271	26	1,244	139	478	754	201	827	884	5,824	7,894	13,718
1921–1925	2,355	77	2,559	72	772	797	437	650	1,076	8,795	8,335	17,130
1926–1930	1,997	121	2,733	30	741	925	384	869	885	8,684	7,204	15,889
1929	1,831	121	2,767	53	1,011	888	427	812	789	8,699	7,455	16,154
1930	1,786	128	2,805	35	916	1,066	442	865	891	8,934	6,948	15,882
1931	1,700	167	2,322	22	499	1,100	357	1,374	985	8,527	6,446	14,973
1932	1,036	206	1,947	19	324	710	245	1,172	578	6,236	5,067	11,303
HORSES AND MULES												
Receipts:												
1911–1915	112	28	182	49	86	34	36	7	14	548	------	------
1916–1920	98	26	236	76	98	25	35	10	22	626	568	1,194
1921–1925	26	25	79	36	36	12	13	4	12	243	206	449
1926–1930	18	22	63	36	44	17	8	13	15	236	182	419
1929	19	22	71	42	52	21	7	18	17	269	188	457
1930	18	9	51	27	54	15	5	13	12	204	142	346
1931	17	6	40	13	33	15	4	15	14	158	96	254
1932	14	7	36	17	29	19	5	10	10	147	94	241

[1] Figures not available prior to 1915. [2] Total for about 65 stockyards. [3] Total of six stockyards.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 553.—DOMESTIC ANIMALS: Receipts and Shipments at Nine Stockyards

[All figures in thousands. Stockyards covered are those named in Table 552]

Year	Cattle and calves		Sheep and lambs		Swine		Horses and mules, receipts
	Receipts	Shipments [1]	Receipts	Shipments [1]	Receipts	Shipments [1]	
1913	10,320	2,484	14,986	3,947	20,576	3,815	482
1914	9,466	2,173	14,372	3,337	19,044	3,525	478
1915	10,057	4,081	12,288	4,050	21,840	4,784	780
1916	11,920	4,755	13,479	5,102	26,781	5,864	810
1917	15,034	5,812	12,484	5,955	22,360	5,473	756
1918	16,781	6,405	14,050	6,518	26,607	5,624	600
1919	15,932	6,713	16,847	7,850	26,237	5,817	557
1920	13,725	5,948	13,591	6,311	23,187	6,338	401
1921	12,150	5,350	13,580	5,297	22,798	6,983	186
1922	14,590	6,677	12,253	5,484	24,601	7,056	242
1923	15,013	6,484	13,192	5,879	32,320	9,597	302
1924	15,189	6,119	13,382	5,972	32,612	11,040	245
1925	15,206	5,709	13,167	5,615	26,415	9,300	242
1926	15,242	5,883	14,379	6,025	23,414	8,413	211
1927	14,020	5,454	13,555	5,507	23,616	8,007	247
1928	13,089	5,448	14,974	6,434	26,525	9,369	250
1929	12,574	5,294	15,548	6,730	25,450	8,699	269
1930	12,089	5,189	17,015	6,885	24,021	8,934	204
1931	11,771	5,111	19,118	8,506	23,805	8,527	158
1932	10,167	4,208	16,479	6,814	20,351	6,236	147

[1] Denver, Fort Worth, and Kansas City are not included prior to 1915.

No. 554.—DOMESTIC ANIMALS: Receipts and Stocker and Feeder Shipments at all Public Stockyards

[All figures in thousands]

Item	1916–1920, average	1921–1925, average	1926–1930 average	1928	1929	1930	1931	1932
Cattle and calves:								
Receipts	22,573	22,796	21,744	21,478	20,440	20,166	19,616	17,332
Stocker and feeder shipments	4,610	4,144	3,673	3,966	3,651	3,426	3,044	2,618
Sheep and lambs:								
Receipts	22,838	22,572	26,016	25,597	26,868	29,808	33,023	29,306
Stocker and feeder shipments	5,014	4,150	4,912	5,011	5,565	4,463	5,287	3,373
Swine:								
Receipts	42,552	47,968	42,516	46,527	44,097	40,774	39,538	35,028
Stocker and feeder shipments	720	588	736	735	623	517	533	321

No. 555.—DOMESTIC ANIMALS: Receipts at all Public Stockyards, by Months

[All figures in thousands]

Class and yearly average or year	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Cattle and calves:													
1916–1920	22,573	1,725	1,358	1,485	1,613	1,765	1,672	1,740	1,885	2,330	2,709	2,476	1,816
1921–1925	22,796	1,781	1,404	1,621	1,642	1,789	1,677	1,745	2,082	2,264	2,715	2,236	1,838
1926–1930	21,744	1,744	1,429	1,603	1,693	1,765	1,614	1,639	1,823	2,157	2,527	2,082	1,667
1929	20,440	1,639	1,195	1,450	1,752	1,660	1,451	1,665	1,619	2,104	2,407	1,943	1,555
1930	20,166	1,639	1,326	1,547	1,644	1,517	1,459	1,512	1,605	2,107	2,377	1,696	1,736
1931	19,616	1,508	1,303	1,535	1,616	1,551	1,540	1,488	1,822	1,798	2,137	1,865	1,453
1932	17,332	1,376	1,282	1,377	1,376	1,397	1,337	1,291	1,606	1,689	1,896	1,543	1,162
Sheep and lambs:													
1916–1920	22,838	1,518	1,267	1,253	1,272	1,315	1,496	1,753	2,397	3,090	3,307	2,430	1,742
1921–1925	22,572	1,685	1,416	1,503	1,448	1,687	1,626	1,697	2,064	2,647	3,262	1,952	1,584
1926–1930	26,016	1,755	1,601	1,690	1,764	2,038	1,925	1,945	2,395	3,290	3,698	2,128	1,787
1929	26,868	1,877	1,544	1,527	2,012	2,173	1,752	2,119	2,544	3,355	4,093	2,168	1,703
1930	29,808	1,903	1,803	2,151	2,230	2,334	2,230	2,296	2,583	3,580	3,784	2,607	2,307
1931	33,023	2,175	1,964	2,120	2,713	2,810	2,587	2,535	3,270	3,900	3,956	2,811	2,182
1932	29,306	2,363	2,035	2,115	2,412	2,429	2,428	2,240	2,919	3,239	3,266	2,203	1,657
Swine:													
1916–1920	42,552	5,191	4,097	3,773	3,236	3,596	3,261	2,794	2,308	2,233	3,125	4,204	4,733
1921–1925	47,968	5,328	4,401	4,017	3,647	3,839	3,873	3,355	3,030	3,056	3,819	4,454	5,149
1926–1930	42,516	4,743	3,946	3,740	3,319	3,419	3,391	3,008	2,790	2,774	3,422	3,733	4,230
1929	44,097	5,133	4,000	3,436	3,582	3,431	3,275	3,297	2,964	3,089	3,701	3,933	4,256
1930	40,774	4,720	3,781	3,294	3,255	3,293	3,215	2,918	2,617	2,799	3,441	3,439	4,002
1931	39,538	4,652	3,704	3,207	3,067	2,938	2,854	2,511	2,454	2,727	3,462	3,752	4,210
1932	35,028	4,218	3,659	2,939	2,960	3,050	2,545	2,158	2,405	2,505	2,691	2,775	3,123

Source of Tables 553, 554, and 555, Bureau of Agricultural Economics, Department of Agriculture.

No. 556.—DOMESTIC ANIMALS: Average Farm Price and Average Chicago Market Price by Calendar Years

Note.—Milk cows dollars per head; others in dollars per 100 pounds, live weight. Prices are weighted calendar year averages, except the averages for milk cows on farms and calves, sheep, and lambs at Chicago, which are simple averages of monthly prices

Yearly average or year	Milk cows on farms, per head	Beef cattle[1]		Calves, veal		Sheep		Lambs		Hogs	
		Farm	Chicago	Farm	Chicago	Farm	Chicago	Farm	Chicago	Farm	Chicago
1911–1915	52.33	5.54	7.89	7.07	9.30	4.60	5.13	6.01	7.57	6.86	7.60
1916–1920	79.47	8.42	12.91	11.09	14.35	8.97	10.25	11.85	15.05	13.20	14.78
1921–1925	56.29	5.66	9.13	8.10	9.78	6.35	7.02	10.10	13.53	8.29	9.04
1926–1930	79.54	7.78	11.82	10.71	13.07	7.06	6.57	11.02	13.54	9.60	10.23
1918	83.07	9.44	14.65	11.93	15.75	10.95	12.44	13.93	16.98	15.82	17.45
1919	91.96	9.59	15.50	12.76	16.83	9.63	10.47	12.96	16.31	16.01	17.85
1920	89.51	8.42	13.30	11.86	14.58	8.51	9.49	11.85	15.50	12.88	13.91
1921	59.10	5.50	8.20	7.85	9.36	4.65	5.13	7.19	9.86	7.82	8.51
1922	53.56	5.43	8.65	7.69	9.15	5.96	7.15	9.76	13.68	8.34	9.22
1923	55.43	5.58	9.40	7.99	9.66	6.65	7.10	10.50	13.89	7.10	7.55
1924	55.48	5.55	9.24	8.11	9.86	6.81	7.57	10.75	14.57	7.41	8.11
1925	57.87	6.23	10.16	8.85	10.87	7.70	8.16	12.30	15.66	10.79	11.81
1926	65.51	6.43	9.47	9.61	11.61	7.43	7.25	11.56	14.26	11.74	12.34
1927	74.19	7.23	11.36	10.15	12.90	7.26	7.04	11.41	14.12	9.63	9.95
1928	89.75	9.12	13.91	11.72	14.56	7.68	7.39	12.09	14.99	8.50	9.22
1929	94.10	9.15	13.43	12.17	14.76	7.55	6.87	11.91	14.62	9.33	10.16
1930	74.16	7.46	10.95	9.91	11.51	5.36	4.32	8.15	9.69	8.78	9.47
1931	51.28	5.31	8.06	7.04	8.33	3.43	2.79	5.74	7.26	5.83	6.16
1932	36.95	4.07	6.70	5.00	6.21	2.40	2.20	4.40	5.92	3.44	3.83

[1] Chicago prices are for beef steers, all grades, excluding western.

No. 557.—DOMESTIC ANIMALS: Monthly Average Prices at Chicago

[In dollars per 100 pounds, live weight]

Class and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average[1]
Beef steers:[2]													
1927	9.70	9.81	10.20	10.51	10.68	11.12	11.78	12.02	12.63	13.43	13.57	13.08	11.36
1928	13.67	13.15	12.83	13.01	13.19	13.86	15.11	15.30	15.91	14.61	13.84	12.86	13.91
1929	12.51	11.92	12.68	13.52	13.67	14.10	14.59	14.22	13.92	13.81	13.00	12.74	13.43
1930	12.62	12.46	12.33	11.88	11.15	10.59	9.42	9.48	10.95	10.64	10.47	10.17	10.95
1931	9.43	8.36	8.40	7.82	7.30	7.43	7.62	8.53	8.29	8.38	8.53	7.11	8.06
1932	6.61	6.21	6.31	6.35	6.04	6.66	7.90	7.88	7.91	7.09	6.29	5.44	6.70
Calves, veal:[3]													
1927	12.20	12.40	11.54	10.90	11.07	11.68	13.32	14.75	15.94	14.42	13.48	13.09	12.90
1928	13.70	15.04	13.75	13.02	13.95	13.24	14.84	16.68	17.36	14.94	14.22	13.94	14.56
1929	15.83	14.74	15.50	14.43	13.39	14.22	15.30	15.81	16.64	13.76	13.70	13.82	14.76
1930	14.80	12.66	11.96	10.55	11.36	11.03	11.37	11.98	11.83	11.33	9.53	9.77	11.51
1931	10.62	9.26	7.98	8.12	8.35	8.48	7.81	9.32	9.28	7.75	6.56	6.40	8.33
1932	7.56	7.52	6.41	5.44	5.70	6.06	6.10	6.80	7.06	5.48	5.09	5.26	6.21
Sheep:[4]													
1927	6.94	8.03	8.88	9.62	7.44	5.88	6.25	6.47	6.14	6.00	6.40	6.41	7.04
1928	7.03	8.96	9.47	10.16	8.53	6.12	6.28	6.72	6.34	6.18	5.84	7.03	7.39
1929	9.32	8.78	9.72	10.34	6.77	6.28	5.85	5.34	4.56	4.70	5.38	5.41	6.87
1930	6.50	5.53	5.59	5.66	5.31	3.38	3.12	3.53	3.50	3.10	3.34	3.22	4.32
1931	3.97	4.25	4.54	3.90	2.78	1.62	2.50	2.03	1.58	1.94	2.16	2.18	2.79
1932	2.62	3.25	3.75	3.06	1.41	1.65	1.66	1.92	1.62	1.59	1.82	2.08	2.20
Lambs:													
1927	12.64	13.28	15.27	15.87	14.75	15.66	14.25	13.68	13.46	13.70	13.80	13.14	14.12
1928	13.16	15.39	16.26	16.81	16.10	16.84	15.61	14.72	14.29	13.12	13.31	14.31	14.99
1929	16.37	16.53	17.07	16.82	13.62	15.35	14.38	13.50	13.19	12.73	12.72	13.22	14.62
1930	13.28	11.03	10.28	9.38	9.73	12.28	10.18	9.39	8.24	7.72	7.34	7.43	9.69
1931	8.43	8.19	8.31	9.06	8.55	7.72	6.62	6.88	6.49	5.88	5.64	5.32	7.26
1932	5.88	6.26	6.83	6.69	5.12	6.26	6.22	5.72	5.56	5.12	5.60	5.82	5.92
Hogs:[5]													
1927	11.96	11.73	11.28	10.69	9.59	8.78	9.05	9.03	10.22	10.39	8.92	8.32	9.95
1928	8.25	8.08	8.08	9.28	9.67	9.91	10.65	11.53	11.89	9.57	8.83	8.61	9.22
1929	9.22	10.19	11.44	11.41	10.81	10.72	11.20	10.52	9.85	9.38	9.06	9.34	10.16
1930	9.78	10.67	10.17	10.00	10.02	9.52	8.73	9.58	9.76	9.34	8.55	7.92	9.47
1931	7.65	7.06	7.46	7.26	6.53	6.36	6.33	5.98	5.41	5.09	4.61	4.20	6.16
1932	4.00	3.89	4.33	3.85	3.34	3.62	4.58	4.21	4.00	3.50	3.34	3.04	3.83

[1] Simple averages of monthly prices, except for beef steers and hogs, which are weighted averages.
[2] Western steers not included.
[3] Good and choice grades.
[4] Slaughter ewes (culls excluded).
[5] Packer and shipper purchases.

Source of Tables 556 and 557: Bureau of Agricultural Economics, Department of Agriculture

No. 558.—WHOLESALE PRICES OF MEATS AND ANIMAL PRODUCTS

[All prices are in cents per pound except for eggs, which are in cents per dozen and milk in cents per quart. Relative prices based on 1923–1925=100]

Yearly average or year	Hogs, fair to choice, heavy, Chicago		Steers, good to choice, Chicago		Pork, fresh, (composite price), Chicago		Hams, cured, Chicago		Pork, cured, clear sides, Chicago		Lard, prime contract, New York		Mutton, dressed, New York	
	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index
1891–1895	5.08	53.6	4.78	47.3	------	------	10.6	46.5	7.9	48.8	7.8	55.3	7.6	55.9
1896–1900	3.98	41.9	4.94	49.0	------	------	9.2	40.4	5.9	36.4	5.4	38.3	7.1	52.2
1901–1905	5.89	62.1	5.52	54.7	------	------	11.4	50.0	9.0	55.6	8.6	61.0	7.6	55.9
1906–1910	6.93	73.1	6.13	60.7	------	------	13.2	57.9	10.6	65.4	10.3	73.0	9.1	66.9
1911–1915	7.64	80.6	8.28	82.0	------	------	15.4	67.5	11.6	71.6	10.1	71.6	9.4	69.1
1916–1920	15.07	159.0	14.16	140.3	------	------	28.6	125.4	23.5	145.1	21.9	155.3	16.4	120.6
1921–1925	9.26	97.7	9.70	96.1	[1] 16.1	[1] 100.0	24.3	106.6	15.3	94.4	13.0	92.2	12.6	92.6
1926–1930	10.41	109.8	12.25	121.3	18.7	116.1	25.1	110.1	17.8	109.9	12.6	89.4	13.4	98.5
1928	9.63	101.6	14.49	143.6	17.0	105.6	22.8	100.0	16.3	100.6	12.3	87.2	14.2	104.4
1929	10.32	108.9	13.49	133.7	18.3	113.7	24.4	107.0	17.1	105.6	12.0	85.1	14.1	103.7
1930	9.61	101.4	11.03	109.3	17.5	108.7	23.0	100.9	16.6	102.5	10.9	77.3	10.0	73.5
1931	6.14	64.8	8.76	86.8	12.3	76.4	18.1	79.4	11.5	71.0	8.0	56.7	8.3	61.0
1932	3.82	40.3	7.80	77.3	7.8	48.4	13.3	58.3	7.3	45.1	5.0	35.5	7.0	51.5

Yearly average or year	Beef, fresh, carcass, steers, Chicago		Beef, fresh, native sides, New York		Poultry, dressed, Chicago		Butter, creamery, extra, New York		Cheese, whole milk, New York		Eggs, firsts, fresh, New York [2]		Milk, fresh, New York	
1891–1895	------	------	7.9	52.0	------	------	24.7	54.9	10.3	46.6	------	42.9	3.3	45.2
1896–1900	------	------	7.8	51.3	------	------	20.1	44.7	9.8	44.3	------	38.1	3.1	42.5
1901–1905	------	------	8.3	54.6	------	------	23.3	51.8	11.2	50.7	------	50.7	3.4	46.6
1906–1910	[3] 11.0	[3] 64.7	9.1	59.9	------	------	27.9	62.0	14.3	64.7	------	60.1	4.0	54.8
1911–1915	12.8	75.3	12.1	79.6	[4] 14.3	[4] 58.1	30.0	66.7	15.2	68.8	[4] 25.7	67.7	4.2	57.5
1916–1920	19.8	116.5	18.6	122.4	25.3	102.8	50.1	111.3	25.6	115.8	45.6	123.2	7.1	97.3
1921–1925	16.4	96.5	14.8	97.4	25.0	101.6	43.8	97.3	21.7	98.2	37.2	100.5	7.4	101.4
1926–1930	20.3	119.4	18.5	121.7	24.3	98.8	44.1	98.0	23.0	104.1	33.0	89.2	8.2	112.3
1928	22.8	134.1	20.9	137.5	22.6	91.9	47.4	105.3	25.1	113.6	32.9	88.9	8.2	112.3
1929	23.1	135.9	21.0	138.2	24.2	98.4	44.9	99.8	23.6	106.8	36.8	99.5	8.6	117.8
1930	20.7	121.8	17.6	115.8	24.2	98.4	36.4	80.9	18.9	85.5	27.8	75.1	8.3	113.7
1931	15.6	91.8	13.4	88.2	19.3	78.5	28.3	62.9	14.8	67.0	22.5	60.8	7.4	102.7
1932	13.1	77.1	11.7	77.0	14.3	58.1	21.0	46.7	12.0	54.3	20.8	56.2	5.1	69.9

[1] Average for 1923 to 1925.
[2] Index numbers are based on quotations for "new laid, fair to fancy, near-by" prior to 1913; they have been adjusted, however, for difference in grade and are closely comparable.
[3] Average for 1908 to 1910.
[4] Average for 1913 to 1915.

Source: Absolute prices, Bureau of Labor Statistics, Department of Labor; indexes, computed from absolute prices by Bureau of Foreign and Domestic Commerce.

No. 559.—FARM PRICES OF ANIMALS AND ANIMAL PRODUCTS

NOTE.—All prices are in cents per pound except for eggs which are in cents per dozen. Prices represent weighted averages for the entire country. Annual averages are weighted according to volume marketed each month. Market year begins in October for hogs, June for lambs, July for chickens, April for eggs. Quotations are as of the 15th of each month

Market year beginning—	Hogs	Lambs	Chickens	Eggs	Calendar year	Beef cattle	Veal calves	Sheep	Wool [1]	Butter	Butter-fat
1910–1914	6.92	5.91	11.2	19.1	1910–1914	5.30	6.84	4.60	17.7	25.2	25.8
1915–1920	12.20	11.10	19.2	31.9	1915–1920	8.02	10.49	8.35	41.0	39.5	40.9
1921–1925	8.81	10.42	19.1	25.9	1921–1925	5.66	8.09	6.35	32.1	38.6	39.4
1926–1930	8.81	10.61	19.8	25.5	1926–1930	7.88	10.71	7.06	30.2	41.5	42.1
1922	7.41	10.30	18.2	24.7	1923	5.58	7.99	6.65	38.9	40.4	42.2
1923	6.85	10.54	18.3	25.2	1924	5.55	8.11	6.81	36.9	39.4	39.8
1924	10.15	11.45	19.2	26.1	1925	6.23	8.85	7.70	38.5	40.7	41.9
1925	11.55	11.98	20.7	28.3	1926	6.43	9.61	7.43	32.5	41.1	41.3
1926	10.28	11.36	20.7	27.5	1927	7.23	10.15	7.26	30.7	42.3	43.7
1927	8.59	11.76	19.8	24.2	1928	9.12	11.72	7.68	36.7	43.7	45.6
1928	9.28	12.31	22.1	27.4	1929	9.15	12.17	7.55	30.9	43.8	44.9
1929	8.95	10.71	20.4	27.9	1930	7.46	9.91	5.36	20.3	36.8	34.8
1930	6.95	6.92	16.1	20.5	1931	5.31	7.04	3.43	13.9	27.4	24.7
1931	3.78	4.97	13.8	15.5	1932	4.07	5.00	2.40	9.0	20.7	17.6
Dec., 1931	3.76	4.19	13.9	25.6	Dec., 1931	4.32	5.59	2.52	12.9	29.2	27.3
Dec., 1932	2.73	3.95	9.2	28.1	Dec., 1932	3.41	4.16	2.04	9.2	21.3	21.1
Jan., 1933	2.68	4.09	9.3	21.4	Jan., 1933	3.28	4.12	2.10	8.9	20.6	18.9
Feb., 1933	2.94	4.19	9.4	11.0	Feb., 1933	3.31	4.75	2.16	8.8	18.4	15.8
Mar., 1923	3.22	4.27	9.1	10.1	Mar., 1933	3.42	4.57	2.18	8.9	18.0	15.1

[1] Unwashed.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 560.—MEATS AND LARD: Production, Exports, Imports, and Consumption, and Number of Animals Slaughtered Under Federal Inspection

Note.—All figures, except per capita, in millions of pounds. Uninspected slaughter is estimated by use of average carcass weights and dressing percentages obtained from packers and stockyards data, census reports, etc. The edible offal (liver, pluck, etc.) is disregarded. Exports include shipments to noncontiguous territories. Figures of consumption beginning with 1916 include differences between quantities in storage at beginning and end of year. Estimates of uninspected slaughter for 1932 are not yet available.

Yearly average or year (calendar)	Production			Exports	Imports (less re-exports)	Consumption	
	Estimated total	Federally inspected	Uninspected [1]			Estimated total	Per capita (pounds)
All meat (excluding lard): [2]							
1910–1914	13,776	8,256	5,520	506	[3] 171	13,239	139.2
1915–1920	15,049	9,925	5,125	1,603	90	13,204	128.3
1921–1925	16,852	11,030	5,822	794	38	15,989	142.9
1926–1930	16,854	11,176	5,678	386	107	16,544	137.8
1929	16,803	11,184	5,619	407	154	16,607	136.8
1930	16,538	10,898	5,640	345	63	16,367	132.8
1931	16,777	11,048	5,729	223	24	16,530	133.2
1932		10,659		181	29		
Beef:							
1910–1914	6,109	3,761	2,347	79	[3] 144	6,059	63.8
1915–1920	6,541	4,681	1,860	365	66	6,143	59.6
1921–1925	6,791	4,619	2,172	44	23	6,770	60.5
1926–1930	6,501	4,558	1,944	30	88	6,602	55.0
1929	6,065	4,275	1,790	27	138	6,247	51.4
1930	6,076	4,245	1,831	29	57	6,172	50.1
1931	6,132	4,278	1,854	28	20	6,156	49.6
1932		3,940		24	24		
Veal:							
1910–1914	552	195	358		[4] 5	553	5.8
1915–1920	665	297	368		3	667	6.5
1921–1925	868	449	419		4	869	7.8
1926–1930	858	479	379		5	863	7.2
1929	816	453	363		5	821	6.8
1930	833	459	374		2	835	6.8
1931	860	473	387			860	6.9
1932		454					
Mutton and lamb:							
1910–1914	711	552	159	4	[4] 18	710	7.4
1915–1920	555	430	126	5	17	566	5.5
1921–1925	584	456	128	4	8	590	5.3
1926–1930	696	544	151	2	[5] 3	696	5.8
1929	699	545	154	1	4	703	5.8
1930	820	650	170	2		819	6.6
1931	878	688	190	2		878	7.1
1932		682		1			
Pork (excluding lard):							
1910–1914	6,361	3,733	2,628	422	[5] 16	5,873	61.7
1915–1920	7,273	4,513	2,760	1,233	5	5,813	56.5
1921–1925	8,607	5,506	3,101	746	4	7,754	69.3
1926–1930	8,798	5,595	3,203	354	11	8,382	69.8
1929	9,223	5,911	3,312	379	7	8,836	72.8
1930	8,809	5,544	3,265	314	4	8,541	69.3
1931	8,907	5,609	3,298	193	4	8,636	69.6
1932		5,583		156	5		
Lard:							
1910–1914	1,614	948	666	519		1,095	11.5
1915–1920	1,877	1,178	698	556		1,321	12.9
1921–1925	2,445	1,660	785	896		1,552	13.9
1926–1930	2,443	1,621	822	758		1,683	14.0
1929	2,598	1,763	835	866		1,735	14.3
1930	2,344	1,521	823	674		1,701	13.8
1931	2,385	1,554	831	601		1,784	14.4
1932		1,573		576			

NUMBER OF ANIMALS SLAUGHTERED UNDER FEDERAL INSPECTION (THOUSANDS)

Year	Cattle	Calves	Sheep	Goats	Swine	Year	Cattle	Calves	Sheep	Goats	Swine
1910–1914	7,283	2,060	13,808	93	31,986	1923	9,163	4,500	11,529	27	53,334
1915–1920	9,390	3,135	11,249	131	39,403	1924	9,593	4,935	11,991	33	52,873
1921–1925	8,979	4,556	11,891	26	46,269	1925	9,853	5,353	12,001	39	43,043
1926–1930	8,932	4,759	14,010		45,355	1926	10,180	5,153	12,961	32	40,636
1917	10,350	3,143	9,345	166	33,910	1927	9,520	4,876	12,883	23	43,633
1918	11,829	3,456	10,320	138	41,214	1928	8,467	4,680	13,488	19	49,795
1919	10,091	3,969	12,691	87	41,812	1929	8,324	4,489	14,023	27	48,445
1920	8,609	4,058	10,982	42	38,019	1930	8,170	4,595	16,697	11	44,266
1921	7,608	3,808	13,005	12	38,982	1931	8,108	4,717	18,071	7	44,772
1922	8,678	4,182	10,929	21	43,114	1932	7,625	4,492	17,899	7	45,245

[1] Estimated. [2] Includes small quantities of goat meat. [3] 2-year average. [4] 1914 only. [5] 4-year average.

Source: Bureau of Animal Industry, Department of Agriculture.

No. 561.—MILK, BUTTERFAT, AND BUTTER: CENSUS STATISTICS, BY STATES

Division and State	Milk produced (thousands of gallons)		Milk sold by farmers (thousands of gallons)		Butterfat sold (thousands of pounds)		Butter made (thousands of pounds)		
	1924[1]	1929	1924	1929	1924	1929	1924 (Total[2,3])	1929 On farms	1929 In factories[2]
United States	9,198,304	11,052,023	2,666,612	4,455,639	1,061,062	1,179,906	[4] 2,096,287	542,064	[4] 1,615,688
New England	402,765	415,304	205,540	300,149	32,825	11,761	[5] 31,678	13,703	----------
Maine	70,949	71,101	18,289	28,060	5,266	3,169	9,667	8,188	(6)
New Hampshire	38,149	40,680	21,026	29,402	1,315	427	[7] 2,470	1,769	(6)
Vermont	127,957	139,075	40,357	100,644	24,802	7,747	13,991	2,218	5,137
Massachusetts	86,575	85,421	65,849	73,375	1,057	310	3,924	818	1,230
Rhode Island	13,504	14,890	11,392	13,522	8	10	[7] 132	53	(6)
Connecticut	65,631	64,137	48,627	55,146	377	98	[7] 1,494	657	(6)
Middle Atlantic	1,264,501	1,362,227	883,182	1,122,986	36,014	12,546	[5] 83,256	33,116	----------
New York	741,983	800,524	552,804	682,504	19,451	6,202	40,343	13,996	9,355
New Jersey	76,245	81,772	60,909	73,766	1,215	24	[7] 945	578	(6)
Pennsylvania	446,273	479,931	269,469	366,716	15,348	6,320	41,968	18,542	11,854
East North Central	2,614,917	2,983,768	920,994	1,672,996	368,345	283,775	534,306	54,995	436,237
Ohio	425,834	454,117	159,816	227,151	45,766	45,683	108,945	14,501	89,366
Indiana	270,963	332,183	66,062	142,720	39,051	41,256	69,140	8,754	56,608
Illinois	435,133	506,374	196,557	238,287	32,522	50,631	86,640	16,313	73,887
Michigan	424,236	449,756	144,911	221,411	51,568	46,713	92,207	12,414	61,076
Wisconsin	1,058,751	1,241,338	353,648	843,427	199,438	99,492	177,374	3,013	155,306
West North Central	2,275,079	2,919,936	167,103	327,795	424,377	602,875	818,319	94,490	834,724
Minnesota	663,638	825,441	50,829	95,757	156,398	198,798	284,386	10,246	288,630
Iowa	515,910	647,224	35,379	64,538	98,688	140,521	191,688	14,679	213,731
Missouri	273,956	369,134	30,297	67,005	31,743	55,673	88,543	20,996	86,951
North Dakota	199,037	227,819	3,038	8,210	33,259	47,519	47,455	13,361	38,955
South Dakota	172,968	231,187	5,145	9,590	33,747	50,439	40,129	9,315	40,894
Nebraska	197,601	292,938	13,876	29,932	31,243	52,792	98,731	13,066	106,199
Kansas	251,969	326,193	28,539	52,763	39,299	57,133	67,387	12,827	59,364
South Atlantic	567,849	644,881	120,956	192,533	8,520	17,239	[5] 118,038	105,867	----------
Delaware	13,037	14,757	8,551	11,435	181	33	[7] 812	480	(6)
Maryland	74,043	87,786	42,983	65,080	1,891	812	6,050	3,626	183
Dist. of Col.	481	504	439	476	----------	----------		3	(8)
Virginia	127,447	145,525	24,241	38,539	2,911	6,698	28,846	22,916	5,497
West Virginia	76,621	83,868	10,425	16,951	1,282	4,061	16,744	12,674	466
North Carolina	108,151	119,992	11,222	19,792	975	2,003	26,952	26,158	2,230
South Carolina	49,982	52,525	3,214	7,673	326	482	12,863	11,537	469
Georgia	98,822	113,640	11,310	17,958	906	3,043	25,771	26,690	2,158
Florida	19,265	26,284	8,571	14,629	48	107		1,783	1,061
East South Central	499,612	646,606	47,541	127,626	18,703	39,173	141,202	107,013	46,992
Kentucky	165,921	210,624	17,495	38,912	9,619	22,636	43,207	22,886	20,633
Tennessee	148,759	181,790	15,591	43,608	5,209	10,120	44,857	29,331	17,267
Alabama	95,365	123,548	7,129	16,760	967	1,808	29,044	32,964	2,154
Mississippi	89,567	130,644	7,326	28,346	2,908	4,609	24,094	21,832	6,938
West South Central	588,777	848,817	64,553	135,675	23,508	71,526	141,352	109,565	56,250
Arkansas	98,769	128,569	5,758	13,345	2,073	8,965	29,267	23,999	2,985
Louisiana	37,870	58,289	10,935	14,736	76	715		5,816	758
Oklahoma	177,597	249,251	12,358	32,446	16,310	33,145	41,958	21,734	27,510
Texas	274,541	412,708	35,502	75,148	5,049	28,701	70,127	58,016	24,997
Mountain	362,431	469,473	54,858	135,187	52,609	66,411	87,227	15,645	79,680
Montana	73,186	87,378	6,175	12,546	9,886	13,868	20,164	4,502	13,975
Idaho	78,505	104,667	8,805	28,449	14,490	17,417	20,129	2,450	23,571
Wyoming	24,318	32,879	2,112	6,901	3,524	4,886	3,954	1,354	2,864
Colorado	96,649	121,906	17,703	36,082	14,081	17,208	24,529	3,579	22,020
New Mexico	19,027	24,491	3,987	4,776	1,219	3,019	2,055	1,321	566
Arizona	18,416	21,005	6,835	11,984	1,728	1,306	2,589	511	2,613
Utah	40,847	65,039	7,507	32,419	5,651	6,050	11,052	1,752	11,793
Nevada	11,483	12,108	1,734	2,030	2,030	2,657	2,755	176	2,278
Pacific	622,373	761,011	201,885	440,692	96,161	74,600	139,874	7,670	121,702
Washington	169,846	180,104	45,819	91,791	27,217	19,595	34,560	3,196	28,695
Oregon	112,218	135,377	25,598	51,785	18,990	19,957	26,908	2,530	23,826
California	340,309	445,530	130,468	297,116	49,954	35,048	78,406	1,944	69,181

[1] Including estimates for incomplete reports.
[2] Figures given are inclusive of small amounts of butter made as an incidental product in establishments engaged primarily in the manufacture of products other than butter, cheese, or condensed milk.
[3] Includes butter made on farms in 1924 and in factories in 1925.
[4] Includes 1,035,000 pounds of butter made in factories in New Hampshire, Connecticut, Rhode Island, New Jersey, and Delaware in 1925, and 463,000 pounds made in factories in Maine, New Hampshire, Rhode Island, Connecticut, and Delaware in 1929. The reports for these States are not shown separately. (See Note 6.)
[5] Excludes small amount of butter made in factories of one or more States in this group.
[6] Not shown separately, as to do so would disclose individual operations.
[7] Excludes butter made in factories.
[8] No butter reported.

Source: Bureau of the Census, Department of Commerce.

No. 562.—LIVESTOCK PRODUCTS OF FARMS: SUMMARY OF CENSUS STATISTICS FOR THE UNITED STATES

Product	Unit	Quantity (thousands) 1909	1919	1924	1929	Value (thousands of dollars) 1919	1924	1929
Total value						2,666,944	2,345,219	3,307,325
Dairy products						1,481,462	1,260,778	1,818,482
Butter made on farms	Lb.	994,651	707,666	642,803	542,064	346,356	228,139	216,898
Butter sold	do.	415,080	207,860	(1)	135,045	106,974	(1)	56,056
Cheese made on farms	do.	9,406	6,371	(1)	(1)	2,268	(1)	(1)
Whole milk sold	Gal.	1,937,256	2,529,331	2,666,612	4,455,639	717,380	555,269	1,036,650
Cream sold	do.	54,934	82,248	45,736	15,846	111,906	62,059	26,139
Butterfat sold	Lb.	305,663	532,244	1,061,062	1,179,906	303,552	415,311	538,795
Wool and mohair	do.	293,199	235,604	235,531	310,425	124,007	93,122	96,212
Wool produced	do.	[2] 289,420	[2] 228,795	[2] 227,105	295,964	[2] 120,418	[2] 88,630	89,415
Mohair produced	do.	3,779	6,809	8,426	14,461	3,589	4,491	6,797
Eggs and chickens						[2] 1,047,195	[2] 991,319	1,380,371
Chicken eggs produced	Doz.	[2] 1,574,979	[2] 1,654,045	[2] 1,913,245	2,689,719	[2] 661,083	[2] 571,938	799,261
Eggs sold	do.	[3] 926,466	1,010,813	(1)	1,955,459	404,563	(1)	585,868
Chickens raised [4]	No.	[2] 460,611	[2] 473,201	[2] 545,848	673,092	[2] 386,112	[2] 419,381	581,110
Chickens sold	do.	[5] 153,600	140,811	(1)	284,626	119,723	(1)	262,516
Honey and wax						14,280	(1)	12,260
Honey produced	Lb.	54,815	55,224	(1)	83,546	13,989	(1)	12,260
Wax produced	do.	905	821	(1)	(1)	291	(1)	(1)

[1] Not reported. [2] Figures include estimates for incomplete reports. [3] Eggs of all kinds.
[4] Data for other poultry raised in 1929 were as follows: Turkeys, 16,794,485, valued at $47,767,826; ducks, 11,337,487, valued at $12,211,317; and geese, 3,989,831, valued at $6,643,746.
[5] Fowls of all kinds.

No. 563.—DAIRY PRODUCTS: FACTORY PRODUCTION BY DETAILED CLASSES

[In thousands of pounds]

Manufactured product	1926	1927	1928	1929	1930	1931
Creamery butter	1,451,766	1,496,495	1,487,049	1,597,027	1,595,231	[1] 1,667,452
Whey butter (made from whey cream)	2,872	1,217	1,097	1,221	2,516	----------
Renovated or process butter	2,505	4,286	2,716	2,531	1,850	1,236
American cheese (whole milk)	335,915	307,777	335,253	370,314	378,816	374,648
American cheese (part skim)	2,927	3,390	2,900	4,951	3,653	3,108
American cheese (full skim)	1,384	1,838	3,048	1,074	669	416
Swiss cheese (including block)	20,883	18,141	16,718	19,406	26,393	28,234
Brick and Munster cheese	31,048	31,546	28,960	31,763	33,548	35,484
Limburger cheese	9,639	8,842	7,437	8,568	8,473	8,508
Cream and Neufchatel cheese	18,192	25,962	30,589	34,405	33,213	33,637
All Italian varieties of cheese	2,425	3,377	3,587	5,948	8,573	3,493
All other varieties of cheese	5,003	5,763	9,027	7,504	7,029	4,851
Cottage, pot, and bakers' cheese	67,977	75,679	87,525	94,941	97,641	101,617
Condensed milk (sweetened):						
Skimmed	148,771	145,345	156,089	204,107	161,063	142,118
Unskimmed	210,681	201,023	177,737	197,611	184,047	143,356
Evaporated milk (unsweetened):						
Skimmed	128,743	134,185	158,243	153,624	157,862	145,502
Unskimmed	1,245,309	1,375,169	1,426,358	1,651,306	1,577,352	1,539,031
Condensed or evaporated buttermilk	86,687	99,180	102,452	107,288	96,431	64,619
Dried or powdered buttermilk	31,378	38,435	45,502	54,215	64,601	50,535
Powdered whole milk	10,768	11,464	9,605	13,202	15,440	12,627
Powdered skimmed milk	91,718	118,123	147,996	207,579	260,675	261,938
Powdered cream	331	338	673	294	400	161
Dried casein (skim-milk or buttermilk product)	16,953	18,033	22,151	30,537	41,965	35,335
Malted milk	20,673	22,116	21,128	22,850	22,691	19,197
Milk sugar (crude)	4,476	4,077	5,323	8,965	12,779	9,562
Ice cream of all kinds [2]	215,248	226,756	232,185	254,618	240,750	208,239

[1] Includes whey butter. [2] Production of ice cream shown in thousands of gallons.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 564.—WHOLE MILK REQUIRED FOR FACTORY PRODUCTS [1]

Manufactured products	Whole milk required per unit of product	1929			1930			1931		
		Quantity of product manufactured	Whole milk required	Per cent of milk manufactured	Quantity of product manufactured	Whole milk required	Per cent of milk manufactured	Quantity of product manufactured	Whole milk required	Per cent of milk manufactured
	Pounds	*Million pounds*	*Million pounds*		*Million pounds*	*Million pounds*		*Million pounds*	*Million pounds*	
Total milk required			45,414	100.00		45,007	100.00		45,802	100.00
Butter [2]	20.3	1,598	32,517	71.60	1,598	32,340	71.86	1,667	33,906	74.03
Cheese (all kinds)	10.1	849	4,894	10.78	500	5,061	11.24	492	4,973	10.86
Condensed and evaporated milk	2.2	1,849	4,028	8.87	1,761	3,827	8.50	1,682	3,653	7.98
Powdered milk	7.6	13	101	.22	15	118	.26	13	96	.21
Powdered cream	19.9	(3)	6	.01	(3)	8	.02	(3)	3	.01
Malted milk	2.7	23	61	.13	23	60	.13	19	51	.11
Ice cream (factory)	3.2	1,201	3,806	8.38	1,136	3,592	7.98	983	3,121	6.81

[1] Data for all years have been revised. Quantities of milk required are based on plant milk and cream receipts. Allowance has been made for duplication principally in fat recovered from whey and in the use of such manufactured products as *butter and evaporated* or condensed milk in ice cream.

[2] Creamery and whey. [3] Less than 500,000 pounds.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 565.—BUTTER AND CHEESE: PRODUCTION, GROSS RECEIPTS AT FIVE PRINCIPAL MARKETS, AND COLD-STORAGE HOLDINGS

NOTE.—All figures in thousands of pounds. Cheese production relates to the grade "American" (whole milk) only, receipts to all kinds.

Product and market	1921–1925, average	1926–1930, average	1928	1929	1930	1931	1932
BUTTER							
Production, creamery	1,233,655	1,525,514	1,487,049	1,597,027	1,595,231	1,667,452	[1] 1,655,248
Receipts (5 markets) [2]	643,166	686,558	676,958	704,116	682,663	712,390	708,925
New York	*238,240*	*259,697*	*250,593*	*265,760*	*268,070*	*274,218*	*282,520*
Chicago	228,995	236,106	230,514	244,632	233,638	243,695	223,428
Philadelphia	68,086	83,343	84,495	87,386	83,762	90,585	92,243
Boston	81,413	81,764	87,324	81,183	72,455	77,200	81,984
San Francisco	26,431	25,648	24,032	25,155	24,738	26,692	28,750
Cold-storage holdings, Dec. 1 [3]	67,999	83,650	70,985	111,650	88,012	42,242	37,207
CHEESE							
Production, American	304,915	345,615	335,253	370,314	378,816	374,648	[1] 352,606
Receipts (5 markets) [2]	207,821	193,169	196,613	178,899	164,199	148,656	157,022
New York	48,127	48,730	48,272	50,911	52,165	56,005	61,195
Chicago	115,674	95,138	97,264	80,823	58,866	41,555	42,804
Philadelphia	18,920	20,406	21,039	19,973	21,167	20,949	22,081
Boston	14,336	15,834	17,362	14,899	16,882	17,240	16,593
San Francisco	10,763	13,062	12,676	12,293	15,119	12,907	14,349
Cold-storage holdings, Dec. 1: [3]							
American	50,330	66,770	74,325	71,065	71,132	60,583	62,392
All other	16,150	16,412	15,645	15,884	16,039	17,982	11,524

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
BUTTER												
Production, creamery:												
1930	108,382	102,252	115,679	133,271	184,385	189,788	167,559	137,420	122,580	120,247	101,974	111,694
1931	118,354	109,596	126,792	145,367	183,783	194,256	161,296	140,395	120,936	126,569	117,035	123,073
1932 [1]	121,685	119,404	129,198	137,923	184,133	186,736	159,162	145,763	124,012	119,326	108,927	118,979
Receipts (5 markets):												
1930	50,875	47,966	55,180	59,127	74,504	82,334	72,662	52,334	47,744	45,528	43,118	51,291
1931	53,340	50,529	57,011	62,633	72,275	86,676	68,326	52,659	50,083	51,242	52,486	55,130
1932	56,775	56,971	58,214	57,945	75,553	83,229	66,513	60,407	49,935	46,129	47,234	50,020
CHEESE												
Production, American:												
1930	23,666	23,031	28,502	34,143	48,545	53,887	45,582	33,555	26,705	23,581	18,781	18,838
1931	21,941	22,018	27,571	32,940	44,439	49,513	40,595	32,956	29,139	30,470	23,016	20,050
1932 [1]	20,202	21,569	25,337	27,686	38,942	45,718	35,924	33,503	31,089	27,584	21,880	23,172
Receipts (5 markets):												
1930	12,526	12,466	12,904	13,026	15,473	17,895	17,435	14,953	14,510	12,225	10,783	10,003
1931	11,600	10,406	11,717	11,445	12,145	17,480	14,190	14,264	11,948	13,588	10,569	9,304
1932	11,362	12,075	11,759	10,765	13,972	15,730	16,492	14,855	12,771	13,329	12,505	11,407

[1] Estimates. [2] Gross weight. [3] Net weight.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 566.—BUTTER, BUTTERFAT, AND CHEESE: Wholesale Price of Butter and Cheese at New York and Farm Price of Butter and Butterfat

Note.—Prices in cents per pound. Farm prices represent weighted averages for the entire country. Wholesale prices are for 92-score creamery butter and No. 1 American, flats cheese. Annual prices are for the calendar year except for butterfat which are for the year beginning May of the year specified

Year (see headnote)	Butter		Butterfat (farm)	Cheese (New York)	Month	Butter (New York)		Butterfat (farm)		Cheese (New York)	
	Farm	New York				1926–1930, avg.	1932	1926–1930, avg.	1932	1926–1930, avg.	1932
1913	26.7	32	(1)	15	January	46	24	45.0	22.8	24	14
1921	37.0	43	34.0	21	February	46	22	43.8	19.8	23	13
1923	40.4	47	42.4	[2] 25	March	45	23	44.1	19.5	22	13
1924	39.4	43	38.1	21	April	44	20	43.3	17.8	22	12
1925	40.7	45	42.6	24	May	42	19	41.8	16.3	21	12
1926	41.1	44	42.5	[3] 23	June	41	17	39.8	14.6	23	11
1927	42.3	47	43.6	[4] 25	July	41	18	39.4	14.4	23	(1)
1928	43.7	47	45.8	[2] 25	August	43	20	40.2	17.5	24	14
1929	43.8	45	41.8	24	September	45	21	42.2	17.6	25	14
1930	36.8	37	34.8	19	October	46	21	43.3	17.8	24	14
1931	27.4	28	24.7	15	November	46	23	43.4	18.4	23	13
1932	20.7	21	17.6	13	December	46	24	43.5	21.1	22	13

[1] Not available. [2] 11-month average. [3] 9-month average. [4] 7-month average.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 567.—OLEOMARGARINE: Production and Materials Used

Note.—All figures in thousands of pounds. Figures for production by kind of oil used are as reported to the Bureau of Agricultural Economics, Department of Agriculture, while other production figures are as reported to the Commissioner of Internal Revenue for taxation purposes. Colored oleomargarine is taxed 10 cents per pound; uncolored, ¼ cent per pound

Year ended June 30—	Oleomargarine production		
	Total	Colored	Uncolored
1912	128,601	6,236	122,365
1913	145,228	6,520	138,707
1914	144,021	6,384	137,637
1915	145,810	7,595	138,215
1916	152,510	6,749	145,761
1917	233,170	8,012	225,158
1918	326,529	6,595	319,934
1919	359,217	13,849	345,368
1920	391,280	15,624	375,656
1921	281,082	11,601	269,481
1922	190,950	6,604	184,346
1923	209,182	8,260	200,922
1924	239,699	11,548	228,151
1925	215,403	11,280	204,123
1926	248,047	13,181	234,866
1927	257,157	14,502	242,655
1928	294,699	15,351	279,348
1929	333,122	16,306	316,816
1930	349,124	17,103	332,021
1931	277,773	8,847	268,926
1932	215,342	4,636	210,706
1931 [1]			
Total	221,953	6,146	215,807
Combined animal and vegetable oil	56,872	3,996	52,876
Exclusively vegetable oil	165,081	2,150	162,931
1932 [1]			
Total	197,716	3,438	194,278
Combined animal and vegetable oil	41,070	2,467	38,603
Exclusively vegetable oil	156,646	971	155,675

District or material	Year ended June 30—			
	1929	1930	1931	1932
PRODUCTION BY STATES				
California	37,444	38,823	31,049	26,175
Colorado	1,102	1,619	856	552
Illinois	153,044	157,955	120,422	93,062
Indiana	3,516	4,369	3,914	4,592
Kansas	20,258	23,440	18,799	16,388
Maryland	9,022	8,820	6,120	4,829
Massachusetts	3,968	3,462	2,391	1,632
Michigan	4,564	6,374	8,637	9,436
Minnesota	3,510	2,769	1,731	1,107
Missouri	11,247	12,735	10,766	6,286
Nebraska	3,208	2,899	2,183	1,341
New Jersey	32,123	31,471	24,534	21,216
Ohio	31,262	31,523	29,074	24,716
Oregon	3,431	4,224	2,569	664
Rhode Island	777	1,074	710	339
Texas	3,897	4,845	3,410	2,338
Wisconsin	8,571	9,191	5,886	----------
All other	2,177	3,531	4,724	670
MATERIAL CONSUMED				
Total	410,937	424,648	334,891	247,365
Oleo oil	47,185	45,322	28,040	15,315
Coconut oil	171,412	185,066	155,954	127,967
Cottonseed oil	28,173	30,214	22,037	14,874
Milk	94,752	97,753	77,251	54,257
Palm oil	1,349	1,102	2,773	314
Peanut oil	6,617	5,714	5,291	3,780
Salt	27,311	28,890	22,981	14,659
Oleostearine	5,834	6,269	5,485	4,337
Neutral lard	24,189	19,632	10,180	10,557
Oleo stock	1,294	1,189	1,025	641
Butter	2,611	2,616	1,013	39
Miscellaneous	1,559	1,983	2,862	625

[1] Calendar year.

Source: Commissioner of Internal Revenue, Treasury Department, and Bureau of Agricultural Economics, Department of Agriculture.

No. 568.—CHICKENS ON FARMS, CHICKENS RAISED, AND EGGS PRODUCED

NOTE.—For additional figures for United States as a whole, see Table 562

Division and State	Chickens on hand (thousands)			Chickens raised (thousands)			Eggs produced (thousands of dozens)		
	1920 (Jan. 1)	1925 (Jan. 1)	1930 (Apr. 1)[1]	1919[2]	1924[2]	1929	1919[2]	1924[2]	1929
United States	359,537	409,291	378,878	473,201	545,848	673,092	1,654,045	1,913,245	2,689,719
New England	5,804	8,138	6,882	8,376	13,439	16,502	37,632	56,540	63,103
Maine	1,403	1,900	1,451	1,908	2,838	3,238	9,977	13,613	13,737
New Hampshire	771	1,207	914	1,071	2,442	2,679	5,005	8,181	8,537
Vermont	800	941	749	1,016	1,339	1,378	5,167	6,372	6,680
Massachusetts	1,455	2,030	1,926	2,401	3,631	5,088	9,604	14,325	18,102
Rhode Island	254	361	305	434	519	608	1,537	2,275	2,469
Connecticut	1,120	1,699	1,537	1,546	2,670	3,511	6,341	11,775	13,578
Middle Atlantic	27,452	34,829	31,497	31,059	39,779	53,153	151,453	216,632	253,507
New York	10,415	13,409	11,954	11,873	14,941	19,518	62,175	87,167	97,927
New Jersey	2,534	4,114	4,097	3,523	5,492	7,995	13,280	27,417	35,956
Pennsylvania	14,503	17,306	15,446	15,664	19,346	25,640	75,998	102,048	119,624
East North Central	84,516	89,623	77,684	99,252	113,867	137,853	400,445	441,682	543,261
Ohio	20,233	20,927	18,000	22,458	26,937	32,574	102,377	112,893	135,990
Indiana	16,754	17,355	14,083	22,618	25,257	29,048	83,101	86,975	103,540
Illinois	25,121	25,738	22,082	29,894	32,204	38,125	105,758	113,021	136,830
Michigan	10,914	12,579	10,380	12,442	15,276	18,146	55,987	68,209	77,401
Wisconsin	11,495	13,023	13,139	11,840	14,194	19,960	53,222	60,584	89,500
West North Central	105,348	123,101	118,261	126,763	158,884	198,438	474,592	543,558	778,028
Minnesota	13,213	16,408	16,611	15,062	20,352	26,979	60,250	76,322	107,304
Iowa	27,747	30,275	30,666	31,076	38,185	48,216	120,697	133,776	188,336
Missouri	24,884	28,222	25,197	29,363	34,596	40,783	117,204	129,291	180,350
North Dakota	4,329	5,181	4,795	5,324	5,722	8,177	20,820	20,988	27,889
South Dakota	6,642	7,906	8,546	7,638	10,607	14,659	30,352	35,104	53,052
Nebraska	11,615	13,500	13,318	15,797	20,310	25,974	49,133	54,811	85,555
Kansas	16,919	21,609	19,128	22,503	29,091	33,650	76,137	93,267	135,542
South Atlantic	36,408	41,120	33,422	65,374	66,752	70,948	144,662	153,799	222,457
Delaware	949	1,365	1,551	1,205	1,582	3,414	3,908	6,381	11,201
Maryland	3,436	4,198	3,777	5,258	6,025	7,422	15,086	20,069	27,709
District of Columbia	10	16	12	14	10	21	43	69	102
Virginia	7,860	9,221	7,643	14,227	15,892	16,728	36,551	39,044	55,349
West Virginia	4,028	4,349	3,674	4,873	5,305	5,504	21,708	22,125	27,930
North Carolina	7,393	8,558	6,385	14,047	15,057	14,727	24,841	25,587	39,301
South Carolina	3,954	4,238	3,057	9,016	7,830	7,447	12,812	11,109	15,907
Georgia	7,222	7,043	5,373	14,588	12,284	12,264	23,182	19,838	30,534
Florida	1,555	2,130	1,950	2,146	2,766	3,421	6,531	9,577	14,424
East South Central	34,092	34,969	28,617	51,071	51,103	54,741	138,152	113,735	176,281
Kentucky	10,478	11,036	8,920	15,507	16,445	17,356	42,225	37,045	53,960
Tennessee	11,354	11,861	8,888	15,554	16,148	15,939	48,707	41,039	57,320
Alabama	5,918	6,284	5,428	10,180	9,527	10,734	23,437	19,467	34,565
Mississippi	6,342	5,788	5,381	9,830	8,982	10,712	23,783	16,185	30,436
West South Central	39,919	43,835	43,254	57,329	60,998	78,048	157,008	160,425	296,460
Arkansas	6,955	7,164	6,124	9,111	9,870	11,202	28,168	23,923	39,129
Louisiana	3,764	3,907	4,133	5,571	5,434	7,279	13,136	10,472	22,462
Oklahoma	11,137	13,023	11,471	16,817	19,670	23,292	45,440	51,477	80,514
Texas	18,063	19,741	21,526	25,830	26,025	36,275	70,264	74,552	154,355
Mountain	9,524	12,299	12,378	13,037	15,537	21,088	49,993	66,278	97,429
Montana	2,055	2,545	2,117	3,227	3,067	3,664	11,858	13,403	15,429
Idaho	1,655	2,029	1,989	2,250	2,540	3,371	8,605	11,708	16,399
Wyoming	621	809	736	894	1,121	1,258	3,166	4,337	5,777
Colorado	2,875	3,752	3,653	3,881	5,006	6,333	14,172	18,561	27,343
New Mexico	714	937	962	921	1,123	1,486	3,063	4,075	6,791
Arizona	495	636	576	569	756	997	2,525	3,741	5,081
Utah	955	1,367	2,096	1,107	1,644	3,540	5,709	9,017	18,463
Nevada	155	225	244	188	280	439	895	1,436	2,146
Pacific	16,474	21,377	26,888	20,939	25,507	42,321	100,106	160,595	259,193
Washington	3,548	5,363	6,452	4,860	7,059	11,063	21,357	42,030	71,429
Oregon	2,500	3,229	2,969	3,150	4,066	4,613	14,626	20,658	28,342
California	10,427	12,785	17,467	12,929	14,383	26,645	64,124	97,907	159,422

[1] Chickens over 3 months old Apr. 1, 1930.
[2] Including estimates for incomplete reports.

Source: Bureau of the Census, Department of Commerce.

No. 569.—POULTRY: Farm Prices and Receipts at Principal Markets

[Prices in cents per pound; receipts in thousands of pounds]

	1914–1920, average	1921–1925, average	1926–1930, average	1928	1929	1930	1931	1932
Chickens, average farm price	17.6	19.1	20.3	21.2	21.5	17.6	15.0	11.0
Turkeys, average farm price, Nov. 15	22.0	27.6	27.8	31.2	27.1	20.1	18.3	12.9
Dressed poultry, receipts:								
Boston		49,696	53,554	55,583	54,433	51,289	57,782	58,213
New York		155,266	194,666	194,376	197,057	200,885	218,911	195,445
Philadelphia		25,151	33,398	31,844	34,664	36,536	38,193	36,447
Chicago		77,895	76,414	67,180	93,368	80,153	71,475	65,349

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Chickens, average farm price:												
1931	15.7	15.1	16.1	16.7	15.9	16.1	15.8	16.2	15.7	14.4	14.4	13.9
1932	13.3	12.6	12.6	12.6	12.2	11.4	11.7	11.7	11.6	10.7	10.1	9.2
Receipts of poultry, 1931:												
Boston	4,840	4,565	3,846	2,976	2,559	3,216	3,476	3,635	3,787	4,434	9,698	10,750
New York	17,969	13,396	9,920	10,073	10,553	13,657	15,242	18,294	21,147	18,749	33,029	36,882
Philadelphia	2,384	2,179	2,863	1,754	1,560	2,509	2,729	2,875	2,555	2,524	6,018	8,243
Chicago	7,770	4,529	3,563	2,320	2,309	2,501	3,130	3,673	4,642	4,397	14,203	18,438
Receipts of poultry, 1932:												
Boston	4,141	3,927	4,094	2,730	2,967	3,255	2,839	3,487	3,619	4,265	10,633	12,256
New York	12,534	9,910	10,292	8,852	11,454	13,728	12,708	14,288	15,362	19,651	34,609	32,057
Philadelphia	1,881	2,467	1,943	1,960	2,555	1,934	1,912	2,191	2,096	2,614	6,259	8,635
Chicago	4,855	3,317	2,396	1,505	1,428	1,326	853	1,616	3,333	5,232	19,736	19,752

No. 570.—EGGS: Prices, Receipts at Principal Markets, and Storage

[Prices in cents per dozen: receipts and storage in thousands of cases]

	1910–1914, average	1921–1925, average	1926–1930, average	1931	1932
Average farm price	22	31	28	17	13
Wholesale prices:					
Western firsts, Boston	25	37	34	22	20
Fresh firsts, New York	25	37	33	22	21
Western extra firsts, Philadelphia	26	40	37	25	22
Fresh firsts, Chicago	22	34	32	20	18
Fresh extras, San Francisco	32	41	34	25	22
Average export value	22	29	29	23	22

	1921–1925, average	1926–1930, average	1931	1932
Receipts:				
Boston	1,880	1,763	1,636	1,439
New York	6,799	7,176	7,601	6,702
Philadelphia	1,648	1,661	1,730	1,496
Chicago	4,605	4,590	4,314	3,412
San Francisco	801	756	758	725
Total cold-storage holdings:				
July 31	9,513	10,249	9,504	6,431
Dec. 31	1,372	1,394	1,475	159

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Average farm price:												
1930	38	32	21	22	20	19	19	21	25	26	32	27
1931	22	14	17	16	13	14	15	17	19	23	26	26
1932	17	13	10	10	10	11	12	15	17	22	26	28
Wholesale price, fresh firsts, New York:												
1931	24	20	22	20	19	19	20	22	24	24	28	27
1932	19	18	15	15	16	16	16	20	22	26	34	33
Receipts, 1931:												
Boston	126	153	198	207	219	188	125	108	95	77	62	78
New York	478	530	940	1,116	1,052	868	568	516	484	398	304	347
Philadelphia	133	148	189	205	184	186	141	132	124	92	97	99
Chicago	231	367	634	867	709	559	290	238	191	96	61	71
San Francisco	58	66	85	83	72	61	56	59	49	59	54	56
Receipts, 1932:												
Boston	98	138	181	164	201	155	117	109	79	71	64	62
New York	475	554	663	827	873	689	534	533	438	417	345	354
Philadelphia	114	105	136	193	171	153	114	110	125	101	90	84
Chicago	178	224	378	657	663	437	258	219	161	104	60	73
San Francisco	72	68	77	75	63	62	57	64	51	46	45	45

Source of tables 569 and 570: Bureau of Agricultural Economics, Department of Agriculture.

No. 571.—COLD-STORAGE HOLDINGS OF ANIMAL PRODUCTS AND FROZEN FISH

NOTE.—All figures are in thousands of pounds, except shell eggs and total meats, which are in thousands of 30-dozen cases and millions of pounds, respectively. Quantities are net weights and are as of 1st of each month. Beef and pork figures include frozen, cured, and in process of cure

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Creamery butter:												
1928	46,289	28,273	14,404	5,716	5,109	15,952	69,750	120,437	136,175	128,071	105,811	70,985
1929	43,783	24,747	11,910	5,532	5,883	28,369	91,962	151,621	168,952	158,541	138,405	111,650
1930	81,935	60,230	46,530	30,556	22,957	50,378	106,522	145,061	143,089	131,489	109,646	88,012
1931	63,401	46,792	30,672	18,010	17,195	35,155	89,172	115,121	104,678	80,152	56,229	42,242
1932	26,643	22,506	15,243	9,094	10,394	29,160	84,269	110,247	107,250	89,490	66,828	37,207
American cheese:												
1928	47,765	41,793	36,710	31,887	30,207	36,716	53,646	73,088	83,906	81,833	82,318	74,325
1929	68,075	57,764	49,546	45,105	42,032	47,641	62,737	79,907	86,558	84,815	78,058	71,065
1930	63,478	53,672	47,818	41,922	39,324	49,172	70,186	88,749	87,221	85,076	78,919	71,132
1931	63,326	54,499	47,968	41,836	40,542	42,461	58,144	68,532	68,874	65,802	63,968	60,583
1932	60,804	54,360	47,106	42,009	38,951	40,461	53,922	63,667	66,721	68,555	66,813	62,392
All varieties of cheese:												
1928	64,035	55,862	48,784	43,303	41,791	48,990	68,613	89,708	101,498	98,339	97,421	89,970
1929	85,730	74,016	63,968	58,153	54,618	61,097	79,724	98,070	106,009	102,849	94,879	86,949
1930	80,623	69,223	61,891	55,343	53,025	68,127	90,421	108,899	107,219	103,691	96,393	87,171
1931	79,015	69,471	61,841	54,270	53,172	55,939	72,977	84,103	86,418	83,426	81,743	78,565
1932	78,318	70,682	60,962	54,021	50,764	52,118	66,531	76,327	79,847	81,406	78,274	73,916
Shell eggs:												
1928	882	26	66	1,087	4,515	8,168	10,002	10,496	9,944	8,542	6,247	3,542
1929	1,415	248	11	559	3,952	6,705	8,510	8,962	8,547	7,195	4,930	2,631
1930	704	139	84	2,231	5,766	9,178	10,743	11,198	10,375	9,174	6,785	4,154
1931	1,894	735	408	1,893	5,162	7,887	9,507	9,504	9,016	7,960	5,745	3,447
1932	1,475	663	258	700	2,982	5,380	6,339	6,431	5,960	4,895	3,225	1,199
Frozen eggs:[1]												
1928	47,020	38,575	31,362	34,411	51,532	67,941	77,744	81,670	89,196	82,255	73,327	64,201
1929	56,181	48,055	38,250	34,918	51,825	71,560	84,766	91,488	86,693	81,541	70,331	61,772
1930	53,644	44,080	35,192	49,751	76,664	106,904	115,134	116,272	113,138	106,631	98,359	89,571
1931	83,184	75,685	73,889	78,051	91,517	106,607	113,513	114,700	110,271	103,302	94,816	86,407
1932	79,198	72,439	68,024	69,031	81,920	94,978	100,485	99,112	92,967	84,187	74,314	64,150
Frozen poultry:												
1928	117,490	118,154	103,494	83,169	56,832	43,872	38,230	40,395	40,749	43,578	58,093	79,173
1929	109,684	102,380	89,088	68,728	52,901	41,643	42,001	40,896	49,010	61,976	86,873	115,876
1930	140,723	141,552	133,172	105,708	77,420	61,167	54,253	46,967	42,589	46,938	59,269	82,925
1931	104,913	101,307	95,188	69,986	45,920	35,348	32,762	36,438	43,056	56,215	65,668	89,971
1932	116,700	111,554	96,422	74,660	56,676	44,829	36,661	31,471	30,305	36,683	54,989	91,118
Beef:												
1928	76,947	71,651	63,749	57,256	46,194	37,212	32,238	32,442	31,065	37,223	58,036	79,633
1929	98,913	93,990	88,771	81,607	70,714	57,315	52,055	45,930	48,014	56,434	72,059	93,444
1930	103,883	99,020	95,598	88,743	80,620	71,556	66,891	64,591	59,755	60,023	63,862	73,392
1931	75,285	72,398	67,622	61,111	53,150	49,448	45,548	41,055	39,050	35,171	34,407	39,158
1932	53,199	51,285	51,107	46,346	41,226	35,655	29,909	26,719	24,376	25,909	36,036	41,029
Pork:												
1928	523,425	655,638	885,916	997,737	960,672	919,366	915,360	819,185	682,015	515,087	433,160	461,762
1929	670,039	838,280	944,742	921,961	923,558	870,785	841,937	814,354	719,400	600,498	491,402	489,629
1930	620,986	687,106	785,564	752,996	711,700	675,167	679,221	651,444	550,959	447,427	356,806	411,704
1931	521,192	726,264	853,408	843,671	867,524	827,751	774,651	711,811	595,063	474,887	380,895	396,563
1932	563,306	674,151	812,399	792,197	799,064	795,866	724,271	643,052	578,876	498,253	433,548	403,898
All meats:												
1928	666	796	1,025	1,133	1,079	1,023	1,013	917	772	604	548	607
1929	857	1,025	1,128	1,097	1,085	1,013	978	944	847	733	632	661
1930	820	880	977	933	881	835	839	811	699	592	497	566
1931	685	896	1,017	994	1,005	959	898	824	702	569	466	488
1932	684	797	939	906	901	892	810	722	650	566	510	483
Frozen fish:[2]												
1928	53,921	44,877	34,528	26,473	26,513	40,946	53,140	66,170	71,352	73,410	77,677	78,090
1929	62,375	48,364	37,744	31,687	30,174	40,148	51,664	64,810	72,674	75,864	79,439	75,807
1930	62,417	49,012	35,581	25,357	34,139	47,632	64,877	78,993	85,358	88,603	91,872	85,323
1931	71,817	56,560	38,567	28,095	31,283	39,384	48,445	57,518	68,083	73,144	74,725	72,362
1932	64,478	50,601	35,564	25,916	28,622	34,311	41,306	51,581	59,269	63,073	62,104	55,738
Lard:												
1928	54,855	84,007	121,082	164,506	173,088	186,073	214,479	204,939	177,888	126,890	83,474	67,257
1929	85,217	140,526	173,864	179,428	184,748	183,490	199,699	203,010	180,085	153,690	99,845	68,517
1930	82,098	92,171	111,914	105,067	104,905	115,270	120,322	118,353	88,868	59,732	36,211	31,582
1931	51,434	62,624	74,977	78,249	95,693	103,366	115,561	121,926	96,047	69,296	39,766	34,824
1932	51,224	78,430	92,861	105,635	111,007	128,103	130,363	121,618	100,577	70,656	34,410	29,766

[1] Frozen eggs may be converted to cases on the basis of 35 pounds to a case
[2] Holdings of frozen fish are for the 15th of each month.

Source: Bureau of Agricultural Economics, Department of Agriculture

No. 572.—WOOL: Production, Imports, and Exports of the United States

NOTE.—**All figures in thousands of pounds.** Production, except Census data, is estimated and is for calendar years. Pulled wool is included beginning 1900 and was probably included for 1870 to 1899, though the exact basis of the estimates for these years is not known. Figures for 1839, 1849, and 1859 include only fleece. Exports and imports for 1839 are for the fiscal year ended Sept. 30; for 1849 and 1859, fiscal years ended June 30; subsequently, calendar years. Imports and foreign exports prior to 1914 and domestic exports include hair of the camel, Angora goat, alpaca, and other like animals

Yearly average or year	Production	Imports	Exports		Year	Production	Imports	Exports	
			U. S. production	Foreign				U. S. production	Foreign
1839	35,802	7,925	----------	119	1906	298,915	196,844	351	4,412
1849	52,517	17,869	160	47	1907	298,295	188,306	86	3,109
1859	60,265	24,471	1,707	41	1908	311,138	142,559	169	6,985
1870	162,000	54,459	46	1,966	1909	328,111	312,131	46	1,084
1871–1880	186,275	67,789	158	4,099	1910	321,363	180,135	[2] 48	9,055
1881–1890	280,700	95,747	325	4,196	1911	318,548	155,923	([3])	3,511
1891–1895	309,409	156,736	1,596	3,726	1912	304,043	238,118	([3])	1,816
1896–1900	271,835	172,448	2,712	5,965	1913	296,175	151,814	[2] 77	3,860
1901–1905	298,713	181,649	237	3,250	1914	290,192	256,501	[2] 335	6,342
1906–1910	311,564	203,995	140	4,929	1915	285,726	402,611	[2] 8,158	2,081
1911–1915	298,937	240,993	[1] 2,857	3,522	1916	288,490	442,650	3,919	2,128
1916–1920	292,205	399,980	3,568	4,276	1917	281,892	416,137	1,827	1,272
1921–1925	282,606	334,158	699	12,779	1918	298,870	447,426	407	452
1926–1930	363,855	248,762	300	6,664	1919	298,258	438,782	2,840	5,134
1891	285,000	139,318	122	2,720	1920	293,517	254,905	8,845	12,393
1892	294,000	167,784	230	3,315	1921	289,965	316,605	1,927	1,552
1893	348,538	111,752	229	6,778	1922	270,109	366,538	453	4,225
1894	325,211	115,837	1,694	2,801	1923	272,395	388,345	535	23,557
1895	294,297	248,989	5,707	3,015	1924	280,931	262,655	309	27,476
1896	272,475	159,776	8,483	6,512	1925	299,632	336,646	273	7,087
1897	259,153	356,839	1,055	2,184	1926	318,500	299,451	292	14,082
1898	266,721	99,850	91	4,592	1927	340,009	264,507	323	10,710
1899	272,191	105,868	3,511	13,492	1928	366,488	240,360	485	4,435
1900	288,637	139,908	422	3,046	1929	382,066	277,214	239	2,380
1901	302,502	124,964	97	3,326	1930	412,211	162,482	162	1,715
1902	316,341	176,293	446	3,212	1931	438,328	157,800	274	1,089
1903	287,450	173,594	384	3,267	1932	411,454	56,310	179	3,593
1904	291,783	186,573	184	2,165					
1905	295,488	246,821	72	4,278					

[1] Average for fiscal years 1913 to 1915.
[2] Exports for fiscal years ended June 30 of the year shown; calendar year data not available.
[3] Not reported separately in 1911; no exports in 1912.

Source: Production, 1839, 1849, 1859, Bureau of the Census; other years, reports of the Department of Agriculture; imports and exports, Bureau of Foreign and Domestic Commerce.

No. 573.—WOOL: Prices, Value of Imports, and Receipts at Boston

	1910–1913, average	1914–1920, average	1921–1925, average	1926–1930, average	1929	1930	1931	1932
Prices (cents per pound):								
Average United States farm price, unwashed	18	38	32	30	31	20	14	9
Ohio and Pennsylvania, fine clothing, unwashed, at Boston	23	46	44	35	34	24	21	15
Territory, fine staple scoured, at Boston	60	127	126	103	98	76	63	47
Value of United States imports (thous. of dollars):								
Clothing [1]	15,659	140,084	17,137	6,050	6,966	3,841	1,528	743
Combing [1]	3,994	5,901	53,317	36,231	31,901	13,343	6,140	1,577
Carpet	13,540	25,380	29,675	34,300	46,988	18,993	14,354	3,602
Receipts at Boston (thousands of pounds):								
Total	290,150	424,336	364,125	322,111	305,397	312,758	300,087	230,173
Domestic	206,047	184,380	162,099	210,240	206,946	246,245	253,796	212,617
Foreign	84,103	239,956	202,026	111,871	98,451	66,513	46,291	17,556

[1] Owing to changes in tariff laws in 1922 much wool which was formerly brought in as "clothing" now comes in under "combing" classification.

Sources: Prices and receipts, Bureau of Agricultural Economics, Department of Agriculture; imports, Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 574.—WOOL: Estimated Production and Weight Per Fleece

Note.—Only States with a production in 1932 of over 2,500,000 pounds are shown separately

State	1925	1926	1927	1928	1929	1930	1931	1932	Average weight per fleece [1] (pounds) 1932
United States	252,832	268,900	289,909	314,588	327,566	350,311	372,228	344,354	7.85
New York	2,898	3,081	3,212	3,096	3,096	3,110	3,008	2,736	7.2
Pennsylvania	2,805	2,730	2,730	2,898	2,982	3,108	3,248	3,270	7.5
Ohio	14,467	14,760	15,662	14,776	14,661	15,066	15,453	15,455	8.1
Indiana	3,562	3,715	3,922	4,402	4,500	4,752	4,980	4,782	7.3
Illinois	3,352	3,794	4,186	4,166	4,514	4,815	4,843	4,559	7.4
Michigan	7,416	7,600	8,446	8,774	8,480	8,400	8,526	8,282	8.2
Wisconsin	2,250	2,475	2,774	2,888	2,888	3,225	3,205	3,145	7.4
Minnesota	3,151	3,634	4,211	4,700	5,372	6,115	6,591	6,638	7.5
Iowa	5,440	5,520	5,880	6,320	6,800	7,640	7,920	7,901	7.8
Missouri	5,537	5,500	5,505	5,686	6,699	6,865	7,304	7,048	6.7
North Dakota	2,263	2,772	3,654	4,250	5,287	6,264	7,012	7,802	8.3
South Dakota	4,446	4,772	5,418	6,149	7,003	7,794	8,820	8,960	8.0
Kansas	2,028	2,183	2,393	2,710	3,172	3,365	3,243	3,168	6.8
West Virginia	2,272	2,205	2,263	2,646	2,798	2,844	3,021	2,994	5.3
Kentucky	3,125	3,278	3,658	3,807	3,901	4,175	4,233	4,275	5.0
Texas	27,056	28,900	34,725	40,120	46,779	48,262	53,360	57,105	8.1
Montana	20,158	23,051	24,693	26,970	31,122	34,034	38,313	32,300	9.5
Idaho	15,438	15,798	15,555	17,425	18,156	18,156	19,419	16,500	8.5
Wyoming	22,500	22,338	26,460	27,900	26,502	29,702	36,000	30,510	9.0
Colorado	6,956	8,132	8,877	11,300	12,269	13,446	13,541	12,000	7.5
New Mexico	12,033	13,084	14,023	14,824	15,230	16,870	16,632	16,600	6.6
Arizona	6,252	6,283	6,200	5,978	5,820	5,640	5,520	5,220	6.0
Utah	18,438	20,093	20,915	23,064	20,655	24,440	23,940	18,160	8.0
Nevada	7,560	8,508	8,015	8,923	7,777	7,944	8,880	6,705	7.5
Washington	4,750	4,998	5,233	5,635	5,485	6,175	6,192	5,506	9.1
Oregon	16,958	18,321	18,128	20,332	19,531	21,375	22,000	18,630	8.1
California	21,572	22,657	23,996	25,084	25,730	25,779	26,095	24,219	7.2
Other States	8,149	8,718	9,175	9,765	10,357	10,950	8,143	9,884	5.2
Pulled wool [2]	46,800	49,600	50,100	51,900	54,500	61,900	66,100	67,100	--------

[1] In States where sheep are shorn twice a year figures cover wool per head of sheep shorn.
[2] Estimated from returns of plants pulling from 80 to 90 per cent of all wool.

No. 575.—WOOL CONSUMED IN MANUFACTURES: 1928 to 1932

Note.—All figures in thousands of pounds. These figures do not include the consumption of one large and several small concerns. The grease equivalent of the totals shown below is as follows: 1928, 538,354,229 pounds; 1929, 585,558,000; 1930, 430,104,000; 1931, 513,743,000; 1932, 385,521,000.

Class and grade	Total					1932		
	1928	1929	1930	1931	1932	Grease	Scoured	Pulled
Total	465,018	516,113	377,790	459,813	338,849	273,586	37,376	27,887
Domestic	271,215	283,622	233,759	319,746	266,470	210,042	32,604	23,824
Foreign	193,803	232,491	144,031	140,067	72,379	63,544	4,772	4,063
Combing:								
Domestic	200,152	219,706	186,989	269,613	219,554	203,158	3,498	12,898
Foreign	48,859	65,607	52,770	33,317	12,441	9,831	1,954	656
Clothing:								
Domestic	71,063	63,916	46,761	50,133	46,916	6,884	29,106	10,926
Foreign	9,117	10,782	6,398	6,154	1,968	541	1,125	302
Clothing and combing combined:								
Fine	118,099	142,278	135,212	155,058	121,647	110,093	7,083	4,471
One-half blood	61,535	64,285	54,726	70,238	56,035	40,936	8,054	7,045
Three-eighths blood	63,018	65,896	43,242	64,241	47,088	28,267	10,009	8,812
One-fourth blood	61,273	58,181	39,733	48,036	42,238	32,271	6,551	3,416
Low or Lincoln	25,266	29,371	20,015	21,644	13,871	8,847	3,986	1,038
Carpet	135,827	156,102	84,862	100,596	57,970	53,172	1,693	3,105

Sources: Table 574, Bureau of Agricultural Economics, Department of Agriculture; Table 575, Bureau of the Census, Department of Commerce.

No. 576.—ANIMAL FOOD MANUFACTURING INDUSTRIES: CENSUS STATISTICS OF MATERIALS AND PRODUCTS

Product	Quantity (thousands of unit specified)				Value (thousands of dollars)		
	Unit	1927	1929	1931	1927	1929	1931
BUTTER, CHEESE, AND CONDENSED MILK							
Butter, cheese, condensed milk, etc., all industries [1]					1,011,740	1,039,550	659,812
Butter	Pound	1,564,227	1,617,344	1,655,905	695,625	706,449	440,954
Cheese, total	do	518,198	588,166	551,700	110,162	112,729	70,215
Cheese other than cottage, pot, and bakers'	do	449,444	487,200	451,215	104,220	103,291	62,948
Cottage, pot, and bakers'	do	68,754	100,826	100,485	5,942	9,432	7,267
Condensed and evaporated milk and buttermilk—							
Condensed milk, sweetened	do	378,687	532,727	398,560	34,251	42,917	23,913
Evaporated milk, unsweetened	do	1,605,573	1,642,214	1,551,353	129,866	126,202	90,063
Condensed and evaporated buttermilk	do	113,039	135,787	100,375	3,733	4,197	1,896
Powdered milk, cream, etc	do	183,336	288,592	371,414	19,737	24,480	16,306
Sugar of milk	do	5,406	7,102	7,510	644	686	706
Ice-cream mix	do	114,196	137,203	161,629	13,775	15,278	13,493
Dried casein	do	23,516	57,826	41,376	3,052	5,726	2,266
Other products	do	8,257	7,459		895	892	
MEAT PACKING, WHOLESALE [2]							
Animals slaughtered:							
Cattle	Number	10,725	9,548	9,308			
Calves	do	5,477	5,209	5,504			
Sheep and lambs	do	14,389	15,689	20,445			
Hogs	do	47,492	53,702	49,425			
Other animals	do		102	35			
All products, total value					3,057,216	3,434,654	2,180,823
Fresh meat:							
Beef	Pound	5,069,619	4,575,492	4,552,908	762,614	859,803	543,565
Veal	do	549,685	511,103	530,366	98,489	107,197	67,649
Mutton and lamb	do	547,473	601,719	771,578	130,283	145,416	116,747
Pork	do	3,110,253	3,571,277	3,467,078	517,863	603,537	403,901
Edible organs and other fresh meats	do	568,501	585,070	566,723	54,983	64,889	45,218
Cured meat:							
Beef	do	102,738	71,593	71,346	22,905	21,749	13,235
Pork	do	3,134,172	3,528,181	3,026,928	602,726	668,697	410,534
Cooked hams [3]	do	133,525	152,189	136,636	49,120	57,972	37,252
Canned meats and canned sausage	do	144,198	169,134	104,863	27,824	42,519	23,630
Sausage (not canned), meat puddings, head cheese, scrapple, etc. [4]	do	918,936	928,573	795,204	180,790	201,623	125,320
Sausage casings [4]	do	119,949	116,362	70,947	22,336	21,848	8,967
Lard	do	1,794,636	2,041,211	1,749,798	234,864	248,008	149,492
Oleo oil and stock	do	129,963	113,231	99,192	14,875	12,403	5,690
Fertilizer materials	Ton	176	135	115	7,768	6,230	2,883
Cattle hides	Pound	616,714	533,201	512,600	99,218	79,913	37,688
Calf skins	do	53,581	50,574	67,306	11,160	10,289	7,693
Sheep and lamb pelts	Number	8,961	10,458	14,889	15,964	18,378	8,391
All other skins	Pound	3,242	5,861	3,679	324	443	174
Wool [5]	do	30,439	35,907	43,930	18,478	19,874	12,547
All other products					184,632	243,866	160,247

[1] Includes besides production in the butter, cheese, and condensed milk industries, data for similar products produced in establishments classified in other industries.

[2] Data represent output of the meat-packing industry only and do not include meat products reported by establishments assigned to other industries.

[3] In addition cooked hams produced in other industries were reported for 1929 amounting to 13,124,000 pounds valued at $4,769,000 and for 1931, amounting to 26,206,000 pounds valued at $7,356,000.

[4] Value of total production of sausage (not canned), meat puddings, etc., in all industries in 1929 was $290,479,000 and in 1931, $195,077,031; of sausage casings, 1929, $32,616,000; 1931, $13,504,953.

[5] Wool detached from skins in meat-packing establishments only. For value of products of establishments engaged primarily in wool pulling, see p. 700.

Source: Bureau of the Census, Department of Commerce.