21. Waterways, Water Traffic, and Shipping

Data in this section cover the following areas unless otherwise indicated: From Corps of Engineers, Department of the Army, Bureau of Census, Bureau of Customs, and Bureau of Foreign and Domestic Commerce, United States customs area which includes Alaska, Hawaii, and Puerto Rico, and, from Jan. 1, 1935, through Dec. 31, 1939, Virgin Islands; from United States Maritime Commission and War Shipping Administration, continental United States. Beginning with 1946, data on waterborne foreign commerce will be compiled by Bureau of Census.

Units of measurement.—"Cargo tonnage" represents weight of cargo in long tons (2,240 pounds) or short tons (2,000 pounds). All other tonnage figures refer to capacity of vessels. The terms gross and net tonnage refer to space measurement, 100 cubic feet being called 1 ton. Gross tonnage is the capacity of the entire space within the frames and the ceiling of the hull, together with those closed-in spaces above deck available for cargo, stores, passengers or crew, with certain minor exemptions. Net or registered tonnage is what remains after deducting from the gross tonnage the spaces occupied by the propelling machinery, fuel, crew quarters, master's cabin, and navigation spaces. It represents substantially space available for cargo and passengers. The net tonnage capacity of a ship recorded as "entered with cargo" may bear little relation to actual weight of cargo. Dead weight tonnage is the weight in long tons required to depress a vessel from light water line (that is, with only the machinery and equipment on board) to load line. It is therefore the weight of the cargo, fuel, etc., which a vessel is designed to carry with safety. Displacement tonnage (naval vessels) has reference to weight of the vessel itself with its normal equipment, fuel, etc.

Vessel entrances and clearances.—The tables on vessel entrances and clearances show the number and net registered tonnage of American and foreign dry cargo and tanker vessels with cargo and in ballast entering and clearing the United States customs area in the foreign trade and indicate the Customs Districts at which these vessels first entered and from which they last cleared. All types of watercraft engaged in the foreign trade which are required to make formal entrance and clearance under United States customs regulations are included in the statistics. Army and Navy vessels entering or clearing without commercial cargo are not included in the figures. The tons shown in tables 623–628 are net tons of 100 cubic feet carrying capacity of the vessels (as defined in Part 16 of Title 46, "Code of Federal Regulations, Measurements of Vessels") and do not represent the actual weight of cargo carried.

A vessel is reported as entered at the first port in the United States at which entry is made, regardless of whether any cargo is unladen at that port. Vessels touching at a United States port in distress, or for other temporary causes without discharging cargo are not included in the figures.

A vessel is reported as cleared from the last port where outward cargo is completed or where the vessel cleared in ballast. Vessels touching at a United States port in distress, or for other temporary causes without discharging cargo are not included in the figures.

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No. 601.—Water-Borne Commerce of the United States—Cargo Tonnage, Foreign and Domestic: 1941 to 1946

[In thousands of short tons of 2,000 pounds]

CLASS	1941	1942	1943	1944	1945	1946
Foreign commerce, total	120,652	99,221	127,285	153,736	172,093	148,847
Imports, through seaports	54,616	25,974	33,077	39,441	44,526	47,948
Exports, through seaports	40,605	46,023	63,086	82,613	100,333	76,589
Imports, Great Lakes ports	4,628	4,488	7,120	8,055	6,511	4,153
Exports, Great Lakes ports	20,803	22,736	24,002	23,627	20,723	20,157
Domestic commerce, unadjusted total	846,146	777,595	669,546	706,286	698,202	730,352
Coastwise, between ports	155,857	73,977	59,790	70,806	90,691	138,526
Great Lakes, between ports	163,301	172,685	159,458	164,994	157,914	138,621
Local traffic of seaports and Great Lakes ports [1]	106,141	111,996	106,278	114,132	104,675	97,115
Traffic between seaports and river points	76,969	84,941	86,634	87,928	80,234	75,783
Traffic on rivers, canals, and connecting channels [2]	343,878	333,996	257,386	268,426	264,688	280,807
Foreign and domestic, unadjusted total	966,798	876,816	796,831	860,022	870,295	879,699
Deduction of duplications:						
Traffic between seaports and river points	76,969	84,941	86,634	87,928	80,234	75,783
Other duplications (canals, etc.) [3]	236,229	201,975	129,616	166,166	171,155	185,961
Net total, foreign and domestic	653,600	589,900	580,581	605,928	618,906	617,955
Approximate net total, domestic [4]	532,948	490,679	453,296	452,192	446,813	469,108

[1] Comprises the following with figures for 1946: Harbor traffic of New York, Philadelphia, and San Francisco 46,054,000 tons; local traffic of other seaports, 38,129,000; domestic traffic of lake ports, 12,932,000.
[2] Excluding St. Marys Falls Canal traffic (91,587,000 tons in 1946) and additional Detroit River traffic (16,292,000 in 1946), data for which are already included in figures for Great Lakes traffic; also excluding duplications relating to rivers and canals themselves.
[3] Principally coastwise and lake traffic passing through canals and connecting channels other than the St. Marys Falls Canal and Detroit River.
[4] Estimated from figures in this table on assumption that all deductions represent duplications in domestic traffic; includes some minor duplications in figures for foreign traffic.

Source: Department of the Army, Corps of Engineers; Annual Report of Chief of Engineers, Part II.

No. 602.—Freight Traffic on New York State Canals—Tonnage Moved: 1837 to 1947

[In short tons of 2,000 pounds. Excludes tonnage handled over State terminals but not moved through any portion of canal channel. East-bound tonnage is that moving toward Albany; west-bound is that moving away from Albany]

YEARLY AVERAGE	TONS	YEARLY AVERAGE	TONS	YEARLY AVERAGE	TONS
1837–1840	1,339,016	1886–1890	5,281,441	1936–1940	4,838,271
1841–1845	1,613,317	1891–1895	4,112,061	1941–1945	3,266,368
1846–1850	2,781,410	1896–1900	3,544,951	1940	4,768,160
1851–1855	3,976,501	1901–1905	3,335,210	1941	4,503,059
1856–1860	3,911,407	1906–1910	3,238,129	1942	3,539,101
1861–1865	5,049,341	1911–1915	2,448,837	1943	2,824,160
1866–1870	5,987,724	1916–1920	1,348,365	1944	2,506,840
1871–1875	5,974,097	1921–1925	1,905,291	1945	2,968,682
1876–1880	5,219,888	1926–1930	2,904,575	1946	2,820,541
1881–1885	5,210,389	1931–1935	4,014,269	1947	3,790,050

COMMODITY	1935	1940	1944	1945	1946	1947
Freight, east-bound, tons	1,488,315	1,924,834	1,651,493	1,812,554	934,015	972,760
Petroleum and its products	33,170	313,654	1,065,098	764,717	159,140	21,947
Grain	614,855	656,472	48,215	604,105	464,165	568,077
Pulpwood	8,450	33,450	72,824	104,705	160,571	209,440
Other	831,840	921,258	465,356	339,027	150,139	173,296
Freight, west-bound, tons	3,000,857	2,843,326	855,347	1,156,128	1,886,526	2,817,290
Petroleum and its products	1,772,627	1,788,346	243,356	818,945	1,794,051	2,629,309
Other	1,228,230	1,054,980	611,991	337,183	92,475	187,981

Source: State of New York, Department of Public Works; annual statements on canal tonnages.

No. 603.—Commerce of Principal United States Ocean Ports: 1946

[**In thousands of short tons of 2,000 pounds.** In addition to commerce here shown, many ports have (1) commerce with ports on internal rivers and canals; (2) purely local port traffic, including, for New York, Philadelphia, and San Francisco, what is called intraport traffic between parts of a harbor for which separate statistics are maintained. These forms of traffic, although aggregate tonnage is large, are of much less economic importance than foreign and coastwise traffic]

Port	Imports	Exports	Coastwise Receipts	Coastwise Shipments
Grand total [1]	47,948	76,589	129,324	147,729
Atlantic ports [1]	40,451	37,227	90,562	30,995
Searsport, Maine	------	21	575	4
Portland, Maine	2,903	242	2,339	469
Beverly, Mass	------	------	384	6
Salem, Mass	------	------	380	------
Lynn, Mass	------	------	336	8
Boston, Mass	2,820	429	9,674	514
New Bedford and Fairhaven, Mass	------	6	585	23
Fall River, Mass	------	------	1,226	82
Providence, R. I	439	34	5,394	339
New London, Conn	------	------	249	28
New Haven, Conn	406	(2)	3,184	586
Bridgeport, Conn	12	------	1,606	408
Stamford, Conn	------	------	492	33
New York Harbor, N. Y	13,676	9,159	26,352	8,247
Hempstead, N. Y	------	------	556	817
Albany, N. Y	54	322	1,599	1
Northport Bay, N. Y	------	------	18	1,929
Philadelphia, Pa [3]	8,810	7,949	18,420	3,349
Baltimore, Md	5,943	9,879	6,486	696
Hampton Roads, Va	1,516	6,035	1,595	12,295
Wilmington, N. C	52	54	1,716	21
Charleston, S. C	1,054	1,836	1,186	38
Savannah, Ga	731	544	1,094	49
Jacksonville, Fla	494	173	1,233	6
Hollywood (Port Everglades), Fla	320	109	547	67
Miami, Fla	303	46	392	1
San Juan, P. R	329	26	999	416
Ponce Harbor, P. R	14	56	170	74
St. Thomas, V. I	133	150	95	15
Gulf ports [1]	4,880	28,836	8,318	84,377
Charlotte, Fla	------	46	------	418
Tampa, Fla	189	354	1,907	872
St. Josephs, Fla	------	------	1,216	------
Pensacola, Fla	91	1,536	1	------
Mobile, Ala	1,528	1,677	567	466
Gulf ports—Con.				
New Orleans, La	2,389	4,315	749	4,673
Baton Rouge, La	------	487	------	2,501
Lake Charles, La. [4]	41	1,334	128	4,696
Terrebonne Bay, La	------	------	------	660
Beaumont, Tex	4	629	869	16,927
Port Arthur, Tex	(2)	3,476	1,129	13,112
Sabine Pass, Tex	------	------	------	310
Galveston, Tex	106	4,195	56	607
Texas City, Tex	88	1,514	758	7,836
Houston, Tex	205	7,058	622	14,956
Port Aransas, Tex	------	95	67	9,525
Corpus Christi, Tex	1	1,746	38	5,548
Brazos Island, Tex	183	223	23	1,138
Pacific ports [1]	2,617	10,525	30,444	32,357
Los Angeles, Calif	201	2,684	3,149	8,455
Long Beach, Calif	228	723	472	2,096
San Luis Obispo, Calif	------	------	26	3,620
San Diego, Calif	62	5	1,401	1
El Segundo, Calif	------	406	827	794
Ventura, Calif	------	------	------	729
Ellwood, Calif	------	------	------	243
Capitan, Santa Barbara County, Calif	------	------	------	303
Estero Bay, Calif	------	577	------	2,458
San Francisco Bay, Calif	1,050	3,106	6,944	6,119
Coos Bay, Oreg	------	208	27	159
Portland, Oreg	28	840	4,477	270
Vancouver, Wash	4	243	40	202
Grays Harbor, Wash	------	55	115	96
Port Gamble, Wash	------	6	90	125
Olympia, Wash	------	13	328	726
Tacoma, Wash	173	438	1,164	724
Seattle, Wash	231	921	4,159	1,431
Bellingham, Wash	78	24	258	129
Port Angeles, Wash	113	2	354	149
Port Townsend, Wash	133	------	335	23
Everett, Wash	96	1	674	150
Honolulu, Hawaii	29	101	3,632	1,314
Hilo, Hawaii	------	------	222	258
Kahului, Hawaii	------	------	178	264

[1] Totals include data for ports not shown separately.
[2] Less than 500 tons.
[3] Including Delaware River, Philadelphia to the sea, and Schuylkill River, Pa.
[4] Including Calcasieu River and Pass.

Source: Department of the Army, Corps of Engineers; Annual Report of Chief of Engineers, Part II.

No. 604.—Commerce of Principal Great Lakes Ports: 1943 to 1946

[In thousands of short tons of 2,000 pounds. Foreign imports and exports and coastwise receipts and shipments are included]

Port	Receipts				Shipments			
	1943	1944	1945	1946	1943	1944	1945	1946
Total	166,497	173,026	164,394	143,808	183,979	188,643	178,669	157,776
Agate Bay, Minn	280	207	200	200	21,373	21,432	19,535	15,442
Alpena, Mich	177	188	200	317	2,789	2,604	1,902	1,704
Ashland, Wis	681	699	675	825	6,051	6,185	4,779	4,115
Ashtabula, Ohio	10,526	9,434	8,147	7,986	4,562	6,048	5,097	4,047
Buffalo, N. Y	17,988	19,730	19,802	13,479	1,249	1,322	1,434	1,572
Buffington, Ind	542	410	576	784	51	59	56	92
Calcite, Mich	122	100	122	109	9,021	8,622	9,590	10,800
Chicago, Ill.[1]	15,025	15,868	13,344	11,060	1,571	2,213	1,471	2,035
Cleveland, Ohio	18,819	18,577	17,018	14,381	1,467	1,540	1,268	1,703
Conneaut, Ohio	13,327	13,146	11,765	9,492	2,111	2,348	2,156	2,384
Detour, Mich	532	575	579	417	3	6	6	264
Detroit, Mich	15,033	15,591	14,705	14,522	483	557	473	733
Duluth-Superior	11,741	12,071	10,767	11,992	56,849	55,060	54,564	42,207
Erie, Pa	5,691	6,787	7,033	3,865	1,345	1,787	1,930	1,766
Escanaba, Mich	325	348	344	356	7,022	6,408	5,191	3,386
Fairport, Ohio	3,241	2,993	2,802	1,819	1,107	1,795	1,598	1,312
Frankfort, Mich	1,348	1,247	1,197	1,171	577	544	613	507
Gary, Ind	8,931	10,288	10,538	8,560	-------	12	25	70
Grand Haven, Mich	99	134	137	128	420	347	391	548
Great Sodus Bay, N. Y	-------	-------	-------	-------	1,957	1,640	1,465	1,371
Green Bay, Wis	2,376	2,547	2,549	2,945	2	2	2	3
Huron, Ohio	1,525	970	833	976	1,035	512	379	729
Indiana Harbor, Ind	7,972	9,295	9,050	6,967	4,115	3,937	3,884	4,166
Kewaunee, Wis	422	401	409	295	788	702	618	599
Lorain, Ohio	7,347	6,257	6,452	5,932	2,365	2,782	3,083	2,483
Ludington, Mich	1,616	1,580	1,685	1,576	1,355	1,332	1,312	1,222
Manistee, Mich	232	240	257	239	640	606	479	500
Manitowoc, Wis	996	1,095	1,141	1,054	931	925	953	953
Marblehead, Ohio	5	-------	-------	1,024	969	1,061	613	-------
Marquette, Mich	179	189	197	192	665	342	563	377
Marysville, Mich	432	525	429	500	18	34	20	26
Menominee, Mich. and Wis	509	664	640	714	107	96	102	115
Milwaukee, Wis	6,060	6,439	6,242	6,299	1,577	1,570	1,743	1,596
Muskegon, Mich	1,298	1,193	1,197	1,382	884	863	824	977
Ogdensburg, N. Y	227	216	227	274	226	178	152	243
Oswego, N. Y	568	891	1,263	901	1,639	1,123	840	547
Port Inland Harbor, Mich	3	3	3	1	3,653	3,698	3,490	2,781
Port Washington, Wis	184	468	402	412	-------	-------	-------	-------
Presque Isle, Mich	-------	-------	-------	-------	3,546	3,795	3,747	2,447
Rochester (Charlotte), N. Y	183	168	224	249	1,871	1,774	1,902	1,659
Rockport, Mich	10	8	14	7	573	674	740	958
Saginaw River, Mich	1,843	2,083	2,188	2,341	106	104	63	117
Sandusky, Ohio	12	9	5	12	10,658	14,242	13,132	12,236
Sheboygan, Wis	442	549	605	568	-------	-------	-------	-------
Toledo, Ohio	3,608	4,820	4,478	3,549	25,293	26,921	25,547	25,839
Tonawanda, N. Y	441	453	415	454	13	19	15	6
All other	3,580	3,565	3,543	3,483	944	826	924	1,140

[1] Includes Chicago Harbor and River, Calumet Harbor and River, Lake Calumet, Calumet-Sag Canal, and Chicago Sanitary and Ship Canal to Sag Junction.

Source: Department of the Army, Corps of Engineers; Annual Report of Chief of Engineers, Part II.

No. 605.—Freight and Passenger Traffic on St. Marys Falls Canal (Sault Ste. Marie): 1890 to 1946

[Includes both American and Canadian canals and traffic to and from Canadian as well as American ports. Average distances, ton-miles, freight charges, etc., based on total haul from port of origin to port of destination in process of performance by vessels passing through canals]

Season	Freight carried (1,000 short tons of 2,000 pounds): Total	East-bound	West-bound	By American vessels	By Canadian and other foreign vessels	Total ton-miles (millions)	Freight charges: Amount (1,000 dollars)	Average per ton per mile (mills)
1890	9,041	6,429	2,612	8,679	362	7,207	9,472	1.30
1895	15,063	12,030	3,033	14,497	566	12,503	14,239	1.14
1900	25,643	20,532	5,111	24,896	747	21,179	24,953	1.18
1905	44,271	36,779	7,492	42,061	2,210	36,893	31,421	.85
1910	62,363	47,134	15,229	58,569	3,794	52,406	38,711	.74
1915	71,290	56,369	14,921	66,877	4,413	59,317	41,984	.71
1920	79,282	63,464	15,818	74,866	4,416	64,702	85,742	1.33
1925	81,875	67,305	14,570	75,764	6,111	65,577	71,093	1.08
1930	72,898	57,067	15,831	67,560	5,338	59,058	61,159	1.04
1933	40,308	30,544	9,764	33,967	6,340	33,139	33,807	1.02
1934	42,248	30,455	11,793	36,218	6,030	34,412	35,153	1.02
1935	48,293	37,192	11,101	41,532	6,761	39,141	41,783	1.07
1936	69,529	54,843	14,686	61,185	8,344	56,322	58,963	1.05
1937	87,634	72,131	15,503	85,817	1,817	71,150	76,135	1.07
1938	40,043	29,053	10,990	37,775	2,268	32,922	36,314	1.10
1939	69,850	58,483	11,367	60,045	9,805	56,539	66,054	1.17
1940	89,360	76,664	12,696	79,116	10,244	71,807	74,118	1.03
1941	110,768	95,774	14,994	97,387	13,381	88,946	102,792	1.15
1942	120,119	104,139	15,980	105,255	14,864	95,903	111,470	1.16
1943	115,578	97,380	18,198	102,404	13,174	92,069	110,377	1.20
1944	116,985	98,480	18,505	103,579	13,406	93,424	122,786	1.31
1945	112,983	96,729	16,254	98,858	14,125	90,390	(1)	(1)
1946	91,587	72,614	18,973	89,648	1,939	(1)	(1)	(1)

Commodity	1920	1925	1930	1935	1940	1945	1946
Passengers carried ... number	68,451	56,956	45,303	32,937	53,129	46,044	87,871
Freight, east-bound ... 1,000 tons [2]	63,464	67,305	57,067	37,192	76,635	96,729	72,614
Flour ... do	748	929	853	684	480	108	70
Wheat ... do	4,304	8,785	7,318	5,388	6,660	14,436	7,357
Other grain ... do	1,236	3,163	1,204	876	1,087	3,031	2,156
Lumber ... do	358	367	303	72	47	2	------
Pulpwood ... do	------	------	------	239	692	619	788
Iron ore ... do	56,643	53,821	46,990	29,277	65,842	77,719	61,819
All other ... do	175	240	399	656	1,827	814	424
Freight, west-bound ... 1,000 tons [2]	15,818	14,570	15,831	11,101	12,725	16,254	18,973
Coal ... do	14,156	12,874	14,059	9,162	10,174	13,837	15,911
All other ... do	1,662	1,696	1,772	1,939	2,551	2,417	3,062

[1] Not available. [2] Short tons of 2,000 pounds.

No. 606.—Freight and Passenger Traffic on Ohio River: 1936 to 1946

Year	Short tons	Ton-miles	Value	Passengers carried [1]	Year	Short tons
	Thousands	*Thousands*	*1,000 dollars*	*Number*		*Thousands*
1936	24,384	2,652,870	279,377	1,688,974	**1945—Total**	33,868
1937	23,357	2,671,926	276,701	1,728,539	Up [3]	5,735
1938	20,587	2,578,825	278,394	1,588,560	Down [3]	7,184
1939	25,955	3,360,454	(2)	1,533,758	Inbound	17,970
1940	29,549	3,852,508	(2)	1,957,308	Outbound	2,978
1941	36,557	5,197,440	(2)	1,554,319		
1942	38,281	5,299,847	(2)	1,034,190	**1946—Total**	35,851
1943	36,610	5,996,347	(2)	1,191,350	Up [3]	5,996
1944	37,801	7,004,056	(2)	1,148,294	Down [3]	8,940
1945	33,868	6,064,699	(2)	1,145,627	Inbound	16,920
1946	35,851	4,999,560	(2)	1,053,511	Outbound	3,996

[1] No data included for ferry traffic. [2] No data. [3] Includes through traffic.

Source of tables 605 and 606: Department of the Army, Corps of Engineers; Annual Report, Chief of Engineers, Part II, and records.

No. 607.—Commerce on Principal Rivers, Canals, and Connecting Channels of the United States: 1941 to 1946

[In thousands of short tons of 2,000 pounds. Excludes general ferry traffic, car ferry traffic, and cargoes in transit]

RIVER	1941	1942	1943	1944	1945	1946
Grand total, rivers, canals, and connecting channels	474,303	472,488	440,415	450,256	432,937	428,464
Grand total, rivers	218,682	213,832	198,378	199,585	188,411	194,965
Atlantic Coast rivers [1]	39,734	30,756	22,967	21,322	22,799	30,381
Connecticut River (below Hartford, Conn.)	1,539	1,094	874	1,054	1,116	1,400
Hudson River, N. Y. (mouth of Spuyten Duyvil Creek to Waterford, N. Y.)	10,197	6,965	4,056	3,303	5,747	9,181
Delaware River, Philadelphia to Trenton, N. J	5,972	5,778	4,992	4,241	4,261	5,093
Potomac River (below Washington, D. C.)	3,304	3,451	2,086	1,838	1,936	1,971
James River, Va	4,096	3,383	2,749	2,329	1,469	2,214
Cape Fear River at and below Wilmington, N. C	2,824	892	650	1,062	1,169	2,103
Gulf Coast rivers [1]	15,451	15,149	13,606	9,826	11,242	10,956
Apalachicola, Chattahoochee, and Flint Rivers, Ga. and Fla	373	402	821	1,438	1,021	233
Mobile River, Ala., tributaries	2,055	2,222	2,532	1,453	2,382	2,576
Black Warrior, Warrior, and Tombigbee Rivers, Ala	*2,297*	*2,187*	*1,653*	*1,440*	*1,492*	*1,372*
Bayou Lafourche, La	1,254	933	1,090	762	685	849
Petit Anse, Tigre, and Carlin Bayous, La	346	253	263	735	1,019	1,104
Pacific Coast rivers [1]	34,170	34,185	34,400	32,943	30,156	30,042
San Joaquin River, Calif	880	634	671	996	1,220	1,024
Sacramento River, Calif	809	894	833	849	956	1,078
Columbia and Lower Willamette Rivers below Vancouver, Wash., and Portland, Oreg	16,033	15,612	16,345	15,701	16,635	14,232
Columbia River from Vancouver, Wash., to The Dalles, Oreg	2,058	2,106	1,843	1,509	1,417	1,826
Willamette River above Portland and Yamhill River, Oreg	3,891	3,481	4,892	5,236	2,877	3,979
Snohomish River, Wash	2,134	2,048	2,078	2,000	1,778	1,783
Mississippi River and tributaries [1]	129,005	133,411	127,098	135,172	123,902	123,291
Illinois Waterway, Ill	6,736	6,790	6,445	7,804	6,591	6,914
Mississippi River, Minneapolis, Minn., to the Passes	36,354	36,243	37,842	44,671	43,969	41,308
Allegheny River, Pa	3,287	2,817	2,984	2,797	2,416	2,565
Monongahela River, Pa., and W. Va	*31,357*	*33,836*	*30,816*	*30,769*	*26,556*	*25,429*
Muskingum River, Ohio	1,125	1,172	1,402	1,291	498	297
Kanawha River, W. Va	5,668	5,855	5,045	4,844	4,499	4,524
Ohio River, Pittsburgh to mouth [2]	36,557	38,281	36,610	37,801	33,868	35,851
Cumberland River, Tenn. and Ky	1,059	1,226	712	774	814	1,027
Tennessee River, Tenn., Ala., and Ky	3,094	2,837	2,869	2,348	2,163	2,399
Interior rivers and other waterways	322	330	307	322	313	295
Grand total, canals and connecting channels	255,621	258,656	242,037	250,671	244,526	233,499
Federal canals and connecting channels [1]	247,036	250,063	233,690	245,569	239,880	229,044
Cape Cod Canal, Mass	10,867	18,690	16,513	18,851	14,684	10,656
Inland waterway from Delaware River to Chesapeake Bay, Del. and Md	4,062	10,827	7,450	5,354	3,690	3,698
Waterway from Winyah Bay to Charleston, S. C	272	428	577	736	515	341
Waterway from Charleston to Beaufort, S. C	155	245	587	855	591	129
Waterway between Beaufort, S. C., and St. Johns River, Fla	818	742	1,337	1,891	1,497	598
Gulf County Canal, Fla	131	589	819	905	805	116
Lake Charles Deep Water Channel, La	10,389	12,346	11,418	13,340	10,288	6,854
Intracoastal Waterway, Mississippi River to Atchafalaya River, La., alternate route	1,540	3,477	3,284	2,358	1,693	1,533
Gulf Intracoastal Waterway, Apalachee Bay, Fla., to the Mexican border [3]	17,350	21,268	22,045	24,085	23,045	20,457
Sabine-Neches Waterway, Tex	39,982	20,536	14,532	16,545	26,318	43,595
Channel from Aransas Pass (Port Aransas) to Corpus Christi, Tex	13,801	6,710	7,375	9,554	13,074	19,885
Detroit River, Mich [4]	19,657	18,373	16,758	17,319	16,533	16,292
St. Marys Falls Canal, Mich. [5]	110,768	120,119	115,578	116,985	112,983	91,587
Grays Reef Passage, Mich	5,623	5,124	5,384	5,985	4,905	5,217
Lake Washington Ship Canal, Wash	2,723	2,847	2,360	3,006	2,183	2,167
Multnomah Channel, Oreg	1,901	1,639	2,412	2,750	2,363	1,466
State and private canals [1]	8,585	8,593	8,347	5,103	4,646	4,454
New York State Barge Canal [6]	4,503	3,539	2,824	2,507	2,969	-------
Navigation Canal, Inner Harbor, La	*3,841*	*4,784*	*5,358*	*2,388*	*1,430*	*1,276*

[1] Totals include data for rivers or canals and connecting channels not shown separately.
[2] See also table 606.
[3] Figures are for Intercoastal Waterway, St. Marks River, Fla., to Corpus Christi, Tex., through 1942.
[4] Actual traffic through Detroit River amounted to 110,864,000 in 1946, of which 16,292,000 tons represented traffic of ports on Detroit River. Remainder was through traffic including that of St. Marys Falls Canal.
[5] See also table 605.
[6] See also table 602.

Source: Department of the Army, Corps of Engineers; Annual Report of Chief of Engineers, Part II.

No. 608.—American Flag Steam and Motor Merchant Vessels: 1935 to 1946

[**Dead weight tonnage in thousands.** Covers vessels of 1,000 gross tons and over engaged in foreign and domestic trade, and inactive vessels. Excludes special types and vessels employed on Great Lakes. Data as of June 30, except 1946 (as of Sept. 30)]

Year and vessel	All vessels		Active vessels												Inactive vessels		Special service	
			Total		Foreign trade		Domestic trade											
							Total		Coastwise		Intercoastal		Noncontiguous					
	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons
1935	1,637	12,809	1,143	9,173	434	3,748	709	5,425	488	3,479	156	1,510	65	436	492	3,615	2	21
Combination	217	1,347	176	1,099	108	802	68	296	47	149	7	83	14	64	41	248		
Cargo	1,065	7,847	643	4,720	253	2,096	390	2,624	215	1,085	131	1,227	44	312	420	3,106	2	21
Tankers	355	3,615	324	3,354	73	850	251	2,504	226	2,245	18	200	7	60	31	261		
1936	1,563	12,323	1,206	9,672	430	3,714	776	5,958	537	3,878	172	1,640	67	439	355	2,626	2	25
Combination	201	1,281	171	1,083	104	770	67	313	46	170	7	78	14	65	30	198		
Cargo	1,007	7,405	692	5,047	250	2,087	442	2,961	243	1,227	150	1,393	49	341	313	2,333	2	25
Tankers	355	3,637	343	3,541	76	857	267	2,684	248	2,482	15	169	4	33	12	95		
1937	1,517	12,335	1,231	10,251	426	3,643	805	6,608	563	4,467	164	1,607	78	534	286	2,085		
Combination	185	1,204	159	1,051	99	753	60	298	40	147	7	87	13	64	26	153		
Cargo	975	7,231	721	5,344	275	2,286	446	3,058	241	1,253	145	1,373	60	433	254	1,887		
Tankers	357	3,900	351	3,856	52	604	299	3,252	282	3,067	12	147	5	37	6	44		
1938	1,422	11,814	1,060	9,019	366	3,301	694	5,718	494	3,946	121	1,207	79	565	362	2,795		
Combination	167	1,108	125	764	76	562	49	202	38	145	1	9	10	48	42	344		
Cargo	882	6,557	592	4,436	213	1,808	379	2,629	205	1,073	111	1,082	63	474	290	2,121		
Tankers	373	4,149	343	3,819	77	931	266	2,888	251	2,728	9	116	6	43	30	330		
1939	1,398	11,699	1,091	9,303	319	2,804	772	6,499	543	4,359	165	1,641	64	500	306	2,391	1	5
Combination	163	1,079	131	856	78	621	53	235	37	139	6	47	10	49	32	224		
Cargo	851	6,364	608	4,540	193	1,619	415	2,921	229	1,197	137	1,331	49	393	242	1,819	1	5
Tankers	384	4,256	352	3,908	48	565	304	3,343	277	3,022	22	263	5	57	32	348		
1940	1,300	11,019	1,118	9,643	425	3,749	693	5,893	500	4,172	122	1,189	71	532	181	1,367	1	10
Combination	140	873	112	696	66	514	46	182	36	129	1	8	9	45	28	176		
Cargo	790	6,020	641	4,882	291	2,443	350	2,438	188	988	109	1,033	53	417	148	1,129	1	10
Tankers	370	4,126	365	4,065	68	791	297	3,273	276	3,054	12	148	9	70	5	62		
1941	1,168	10,096	1,134	9,888	471	4,052	663	5,836	488	4,261	94	947	81	628	31	177	3	31
Combination	94	541	87	513	43	348	44	165	34	118			10	47	6	15	1	13
Cargo	716	5,472	691	5,306	358	2,966	333	2,340	179	937	90	890	64	512	23	148	2	18
Tankers	358	4,083	356	4,070	70	739	286	3,331	275	3,205	4	56	7	69	2	13		
1946	4,422	46,540	2,332	25,400	1,890	20,593	442	4,807	297	3,483	54	563	91	761	2,090	21,140		
Combination	86	555	25	166	15	128	10	38					10	38	61	389		
Cargo	3,442	33,380	1,833	18,111	1,607	16,201	226	1,910	101	730	53	561	72	619	1,609	15,269		
Tankers	894	12,605	474	7,123	268	4,264	206	2,859	196	2,753	1	2	9	104	420	5,482		

Source: U. S. Maritime Commission, records.

No. 609.—Merchant and Military-Type Vessels Delivered Under United States Maritime Commission Shipbuilding Program—Number and Dead Weight Tonnage: 1939 to 1947

[Includes vessels built for foreign and private account]

Type	1939–1947, total		1942		1943		1944		1945		1946		1947	
	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons
Total [1]	**5,912**	**57,517,350**	**760**	**8,044,527**	**1,950**	**19,211,991**	**1,786**	**16,299,985**	**1,097**	**10,598,154**	**93**	**902,706**	**38**	**312,370**
Major types, total	**4,470**	**51,474,410**	**702**	**7,771,990**	**1,590**	**17,925,066**	**1,174**	**13,867,561**	**717**	**8,684,927**	**67**	**779,975**	**35**	**305,870**
Dry cargo, total	3,762	40,057,148	641	6,789,681	1,376	14,691,366	950	10,135,321	565	6,119,220	65	754,675	34	278,870
Standard cargo [2]	604	6,042,078	43	377,871	138	1,330,245	124	1,209,321	111	1,205,570	56	669,437	27	211,251
Emergency cargo	3,122	33,674,106	597	6,401,835	1,238	13,361,121	826	8,926,000	454	4,913,650				
Liberty type	2,708	29,182,456	597	6,401,835	1,238	13,361,121	722	7,797,600	144	1,550,400				
Victory type	414	4,491,650					104	1,128,400	310	3,363,250				
Combination—Passenger and cargo	35	326,564	1	9,975							9	85,238	7	67,619
Passenger	1	14,400												
Tankers, total	708	11,417,262	61	982,309	214	3,233,700	224	3,732,240	152	2,565,707	2	25,300	1	27,000
Standard tankers	646	10,747,662	61	982,309	157	2,618,100	219	3,678,240	152	2,565,707	2	25,300	1	27,000
Emergency tankers	62	669,600			57	615,600	5	54,000						
Minor types, total	**755**	**2,648,315**	**24**	**106,260**	**204**	**654,632**	**237**	**650,847**	**263**	**1,190,519**	**21**	**30,961**	**3**	**6,500**
Barges	123	454,631			58	232,637	62	221,110	3	884				
Concrete	80	367,829			27	170,237	51	196,708	2	884				
Steel	2	(3)					1	(3)	1	(3)				
Wooden	41	86,802			31	62,400	10	24,402						
Car floats	35	29,575					35	29,575						
Coastal cargo [4]	357	1,468,364	5	14,000	31	87,411	72	285,651	228	1,054,945	19	21,161	1	2,000
Coastal tanker	69	225,291			29	73,286	5	7,415	31	134,690			2	4,500
Concrete cargo	24	116,714			2	9,618	22	107,096						
Tugs	124		14		68		41		1					
Ore carrier	21	343,940	5	92,260	16	251,680								
Cable ships	2	9,800									2	9,800		
Military types	**687**	**3,394,625**	**34**	**166,277**	**156**	**632,293**	**375**	**1,781,577**	**117**	**722,708**	**5**	**91,770**		
Passenger and cargo	11	66,120	8	46,599	3	19,521								
Transport	272	1,518,699	2	14,400	22	123,522	182	982,612	66	398,165				
Tender	2	14,731	2	14,731										
Frigates	96	96,000			29	29,000	67	67,000						
Tank carrier	75	171,450	15	34,290	60	137,160								
Aircraft carrier	58	191,131	4	23,004	23	78,320	31	89,807						
Cargo	96	556,471	2	17,238	9	69,410	52	326,552	33	143,271				
Tanker	77	780,023	1	16,015	10	175,360	43	315,606	18	181,272	5	91,770		

[1] Excludes 1,215 small craft for which dead weight tonnage is not available.
[2] Excludes 33 vessels of 250,800 dead weight tons for which contracts were taken over by U. S. Navy before completion.
[3] Not available.
[4] Excludes 14 vessels of 39,200 dead weight tons originally under U. S. M. C. contract and later taken over by U. S. Navy for completion. 4 vessles of 12,180 dead weight tons were completed by Navy and delivered to U. S. M. C.

Source: U. S. Maritime Commission, records.

No. 610.—United States Merchant Marine—Summary: 1789 to 1947

[For definition of "gross ton" see general note, p. 551]

June 30 (except as indicated)	Number			Thousands of gross tons			Tonnage (thousands of gross tons) employed in—			
	Total	Steam and motor	All other [1]	Total	Steam and motor	All other [1]	Foreign trade (except Great Lakes)	Coastwise internal and Lake trade	Whale fisheries	Cod fisheries
1789 (Dec. 31)				202		202	124	69		9
1800 (Dec. 31)				972		972	667	272	3	29
1810 (Dec. 31)				1,425		1,425	981	405	4	35
1820 (Dec. 31) [2]				1,280		1,280	584	588	36	72
1830 (Dec. 31) [2]				1,192	64	1,127	538	517	40	98
1840 (Sept. 30)				2,181	202	1,978	768	1,177	137	104
1850				3,535	526	3,010	1,440	1,798	146	152
1860				5,354	868	4,486	2,379	2,645	167	163
1870	28,998	3,524	25,474	4,247	1,075	3,171	1,449	2,638	68	91
1880	24,712	4,717	19,995	4,068	1,212	2,856	1,314	2,638	38	78
1890	23,467	5,965	17,502	4,424	1,859	2,565	928	3,409	19	68
1900	23,333	7,053	16,280	5,165	2,658	2,507	817	4,287	10	52
1910	25,740	12,452	13,288	7,508	4,900	2,608	783	6,669	9	47
1915	26,701	15,948	10,753	8,389	5,944	2,446	1,863	6,486	9	32
1920	28,183	18,814	9,369	16,324	13,823	2,501	9,925	6,358	4	38
1925	26,367	18,637	7,730	17,406	14,976	2,430	8,151	9,216	4	35
1930	25,214	18,211	7,003	16,068	13,757	2,311	6,296	9,723	7	42
1935	24,919	18,495	6,424	14,654	12,535	2,118	4,560	10,049	9	35
1938	27,155	19,349	7,806	14,651	12,007	2,644	3,551	11,064	21	16
1939	27,470	19,606	7,864	14,632	11,952	2,680	3,312	11,288	21	11
1940	27,212	19,504	7,708	14,018	11,353	2,665	3,638	10,352	20	8
1941 (Jan. 1)	27,075	19,382	7,693	13,722	11,047	2,675	3,047	10,654	14	7
1942 (Jan. 1)	27,325	19,471	7,854	13,860	11,072	2,788	4,109	9,744	2	6
1943 (Jan. 1)	27,612	19,974	7,638	16,762	14,052	2,710	9,285	7,471	2	5
1944 (Jan. 1)	28,690	21,511	7,179	25,795	23,217	2,579	18,685	7,105	1	4
1945 (Jan. 1)	29,797	22,772	7,025	32,813	30,247	2,566	26,043	6,766	1	3
1946 (Jan. 1)	31,386	24,355	7,031	38,501	35,927	2,573	29,730	8,766	1	3
1947 (Jan. 1)	32,760	25,532	7,228	37,832	35,149	2,684	26,534	11,274	1	2

Classes	Number					Thousands of gross tons				
	1930 (June 30)	1941 (Jan. 1)	1945 (Jan. 1)	1946 (Jan. 1)	1947 (Jan. 1)	1930 (June 30)	1941 (Jan. 1)	1945 (Jan. 1)	1946 (Jan. 1)	1947 (Jan. 1)
By utilization:										
Registered—										
Foreign trade (except Great Lakes)	4,175	1,361	4,518	5,043	4,630	6,296	3,047	26,043	29,730	26,534
Whale fisheries	14	10	7	6	6	7	14	1	1	1
Enrolled—										
Coastwise and internal trade	12,497	14,523	13,381	14,003	14,934	9,608	10,493	6,595	8,587	11,081
Cod fisheries	261	45				36	6			
Licensed—										
Coastwise and internal trade	8,004	11,108	11,891	12,334	13,181	115	161	174	182	196
Cod fisheries	263	28				6	1			
By location:										
Atlantic and Gulf [3]	14,321	16,627	17,765	18,646	19,630	9,904	9,812	18,658	21,571	22,173
Pacific [4]	6,466	6,727	8,193	8,809	9,109	3,227	1,964	11,648	14,258	13,064
Northern lakes	2,450	2,023	1,819	1,880	1,904	2,758	1,641	2,061	2,183	2,091
Western rivers	1,977	1,698	2,020	2,051	2,117	178	305	446	489	503
By rig:										
Steam	6,087	3,796	5,643	6,200	5,971	12,775	9,814	28,669	33,779	32,940
Motor	12,124	15,586	17,129	18,155	19,561	982	1,233	1,578	2,149	2,208
Sailing	1,584	517	397	353	343	757	182	115	97	95
Unrigged	5,419	7,176	6,628	6,678	6,885	1,554	2,493	2,452	2,475	2,588

[1] Sailing vessels, barges, scows, dredges, and canal boats.
[2] Decrease of tonnage arises principally from registered tonnage having been corrected in 1818, 1829, and 1830 by omitting all vessels with registers granted prior to 1815, which were presumed to have been lost at sea, captured, etc.
[3] Including Puerto Rico and Virgin Islands.
[4] Including Hawaii and Alaska.

Source: Prior to 1942, Department of Commerce, Bureau of Marine Inspection and Navigation; thereafter, Treasury Department, Bureau of Customs; annual report, Merchant Marine Statistics.

No. 611.—U. S. Merchant Marine—Number and Gross Tonnage of Vessels on Jan. 1, 1947, by Year of Build

Year of build	Number	Gross tons	Year of build	Number	Gross tons
Total	**32,760**	**37,832,562**	1900	190	87,350
			1901	211	89,209
Unknown	1,033	159,330	1902	200	110,906
1849	1	19	1903	227	109,643
1851	1	14	1904	210	81,005
1852	1	14	1905	267	200,038
1853	1	46	1906	300	290,961
1857	3	191	1907	336	308,112
			1908	327	214,000
1859	1	24			
1862	1	36	1909	309	179,442
1863	2	1,386	1910	314	171,514
1864	1	225	1911	403	124,022
1865	4	121	1912	485	140,213
1866	7	1,181	1913	487	196,520
1867	7	197	1914	424	110,270
1868	7	1,720	1915	400	90,395
1869	6	329	1916	434	201,509
1870	5	3,873	1917	660	324,688
1871	13	651	1918	607	363,107
1872	8	453	1919	662	587,709
1873	10	1,613	1920	631	621,514
1874	10	963	1921	401	513,390
1875	11	917	1922	388	126,230
1876	9	455	1923	506	164,642
1877	9	3,244	1924	641	161,313
1878	15	3,742	1925	720	161,046
1879	14	2,934	1926	757	163,028
1880	13	2,830	1927	865	259,107
1881	37	4,552	1928	850	213,877
1882	45	3,932	1929	906	191,213
1883	44	2,780	1930	808	208,874
1884	44	6,915	1931	534	145,679
1885	34	3,098	1932	400	140,590
1886	33	2,394	1933	315	55,118
1887	39	5,001	1934	425	43,626
1888	51	7,659	1935	580	62,829
1889	40	4,997	1936	791	143,974
1890	45	7,053	1937	897	236,205
1891	81	16,667	1938	793	171,889
1892	64	10,498	1939	791	215,159
1893	70	20,527	1940	904	397,608
1894	35	3,263	1941	868	538,992
1895	50	8,459	1942	1,162	3,872,312
1896	82	49,848	1943	1,955	9,801,006
1897	81	38,712	1944	1,900	7,944,398
1898	126	50,849	1945	1,917	6,253,213
1899	133	63,143	1946	1,275	548,262

No. 612.—U. S. Merchant Marine—Number and Gross Tonnage of Vessels on Jan. 1, 1947, by Tonnage Groupings

Tonnage groupings	Total		Steam vessels		Motor vessels		Sailing vessels		Unrigged vessels	
	Number	Thousands of gross tons	Number	Thousands of gross tons	Number	Thousands of gross tons	Number	Thousands of gross tons	Number	Thousands of gross tons
Total	**32,760**	**37,832**	**5,971**	**32,940**	**19,561**	**2,208**	**343**	**95**	**6,885**	**2,588**
5 to 49 tons	17,193	310	124	3	16,026	280	254	4	789	21
50 to 99 tons	2,370	168	308	24	1,739	120	20	1	303	21
100 to 499 tons	6,506	1,794	825	188	1,329	250	19	5	4,333	1,350
500 to 999 tons	1,506	973	171	119	93	60	18	14	1,224	778
1,000 to 2,499 tons	563	849	223	371	114	144	26	46	200	286
2,500 to 4,999 tons	477	1,836	279	1,099	160	606	6	22	32	107
5,000 to 9,999 tons	3,561	25,641	3,470	25,024	87	595	------	------	4	21
10,000 to 19,999 tons	578	6,123	565	5,973	13	150	------	------	------	------
20,000 tons and over	6	134	6	134	------	------	------	------	------	------

Source of tables 611 and 612: Treasury Department, Bureau of Customs; annual report, Merchant Marine Statistics.

No. 613.—Merchant Vessels Launched in the World and in the United States: 1910 to 1947

[**Vessels of 100 gross tons and over.** For definition of "gross ton" see general note, p. 551. For period of Second World War (1939–45), figures exclude any information from enemy and enemy-occupied countries, as well as from Russia. Returns are still not available from Danzig, Germany, Hungary, Japan, or Poland]

Calendar year	World				United States	
	Total		Steam and motor			
	Number	Gross tons	Number	Gross tons	Number	Gross tons
1910–1914, average	1,533	2,739,079	1,180	2,631,779	162	252,864
1915–1920, average [1]	1,488	4,046,860	1,296	3,918,746	518	1,877,382
1921–1925, average	942	2,581,653	830	2,531,592	99	315,114
1926–1930, average	873	2,468,515	808	2,427,929	74	158,788
1931–1935, average	484	1,020,444	461	1,010,567	25	83,485
1931	596	1,617,115	569	1,603,551	57	205,865
1932	307	726,591	295	724,287	18	143,559
1933	330	489,016	311	479,559	14	10,771
1934	536	967,419	514	954,777	21	24,625
1935	649	1,302,080	617	1,290,660	14	32,607
1936	999	2,117,924	946	2,080,222	69	111,885
1937	1,101	2,690,580	1,011	2,642,748	123	239,445
1938	1,119	3,033,593	1,029	2,975,942	105	201,251
1939	941	2,539,424	821	2,474,312	170	421,989
1940	495	1,754,198	399	1,707,028	167	579,410
1941	564	2,498,061	510	2,491,173	187	1,035,239
1942	1,359	7,828,705	1,300	7,815,369	861	5,670,820
1943	2,122	13,893,978	2,078	13,884,776	1,625	11,579,522
1944	1,822	11,182,310	1,738	11,169,503	1,261	9,339,067
1945	1,344	7,197,402	1,326	7,192,679	880	5,967,581
1946	747	2,127,421	690	2,114,702	96	501,294
1947	837	2,111,886	787	2,102,621	70	164,848

[1] Figures covering war period are for allied and neutral countries.

Source: Lloyd's Register of Shipping, London; Annual Summary of Mercantile Shipbuilding of the World.

No. 614.—Merchant Marine of the World and of the United States

[**Vessels of 100 tons and over.** Prior to 1919 tonnage figures are gross for steamers and net for sailing vessels, thereafter gross for both. Wooden vessels on Great Lakes and vessels on Caspian Sea excluded. Japanese sailing vessels and most sailing vessels belonging to Greece, Turkey, and southern Russia excluded. Figures for Philippine Islands included with United States, 1910–39. See general note, p. 551. Data not compiled during last war period]

Year	World total	United States	Year	World total	United States	Year	World total	United States
	1,000 tons	*1,000 tons*		*1,000 tons*	*1,000 tons*		*1,000 tons*	*1,000 tons*
1895	25,086	2,165	1920	57,314	16,049	1936	65,064	12,557
1900	28,957	2,750	1925	64,641	15,377	1937	66,286	12,429
1905	35,998	3,996	1930	69,608	14,046	1938	67,847	12,050
1910	41,915	5,059	1934	65,577	13,045	1939	69,440	12,003
1915	49,262	5,893	1935	64,886	12,852	1947	84,356	32,891

Item	Number					Thousands of tons (see headnote)					
	1910	1920	1930	1939	1947	1910	1914	1920	1930	1939	1947
World total	30,058	31,595	32,713	31,186	30,633	41,915	49,090	57,314	69,608	69,440	84,356
Steam and motor	22,008	26,513	29,996	29,763	29,463	37,291	45,404	53,905	68,024	68,509	83,514
Steel and iron	20,403	23,382	27,595	27,507	26,906	36,769	44,934	51,661	67,304	68,007	82,986
Wood and composite	1,605	3,131	2,401	2,256	2,557	521	470	2,244	720	503	528
Sailing	8,050	5,082	2,717	1,423	1,170	4,624	3,686	3,409	1,584	930	842
Steel and iron	2,115	1,314	742	743	748	2,508	2,095	1,524	654	572	618
Wood and composite	5,935	3,768	1,975	680	422	2,116	1,590	1,885	930	358	224
United States	3,469	5,457	4,223	3,375	5,901	5,059	5,368	16,049	14,046	12,003	32,891
Steam and motor	1,712	4,110	3,517	2,958	5,580	3,827	4,330	14,574	13,202	11,490	32,423
Steel and iron	1,270	3,242	3,001	2,560	5,182	3,602	4,120	13,341	12,914	11,342	32,305
Wood and composite	442	868	516	398	398	226	210	1,234	288	148	118
Sailing	1,757	1,347	706	417	321	1,232	1,038	1,475	844	513	468
Steel and iron	139	154	147	187	193	245	236	304	288	272	316
Wood and composite	1,618	1,193	559	230	128	987	803	1,171	556	241	152

Source: Lloyd's Register of Shipping, London; Appendix to Lloyd's Register Book.

No. 615.—Commercial Traffic Through the Panama Canal, Total, 1915 to 1946, and by Nationality of Vessel, 1946

[See general note, p. 551. Figures cover ocean-going commercial traffic which includes only tolls-paying vessels of 300 net tons and over, Panama Canal measurement, and vessels paying tolls on displacement tons of 500 displacement tons and over. Foreign naval vessels such as colliers, transports, supply ships, etc., with a measurement of 300 net tons or more and foreign naval vessels such as battleships, cruisers, destroyers, submarines, etc., with a displacement of 500 tons or more, classified as ocean-going commercial vessels]

Year ending June 30	Number of transits	Net tonnage (thousands)[1]	Tolls (thousands of dollars)	Tons of cargo (thousands of long tons)
Total	**126,272**	**565,244**	**536,932**	**605,833**
1915 [2]	1,058	3,507	4,367	4,888
1916 [3]	724	2,212	2,403	3,093
1917	1,738	5,357	5,621	7,055
1918	1,989	6,072	6,429	7,526
1919	1,948	5,658	6,164	6,910
1920	2,393	7,898	8,508	9,372
1921	2,791	10,550	11,269	11,596
1922	2,665	10,556	11,192	10,883
1923	3,908	17,206	17,504	19,566
1924	5,158	24,181	24,285	26,993
1925	4,592	21,134	21,394	23,957
1926	5,087	22,906	22,920	26,030
1927	5,293	24,245	24,212	27,734
1928	6,253	27,229	26,922	29,616
1929	6,289	27,585	27,111	30,648
1930	6,027	27,716	27,060	30,018
1931	5,370	25,690	24,625	25,065
1932	4,362	21,842	20,695	19,799
1933	4,162	21,094	19,601	18,161
1934	5,234	26,410	24,047	24,704
1935	5,180	25,720	23,307	25,310
1936	5,382	25,923	23,479	26,506
1937	5,387	25,430	23,102	28,108
1938	5,524	25,950	23,170	27,386
1939	5,903	27,170	23,661	27,867
1940	5,370	24,144	21,145	27,299
1941	4,727	20,643	18,158	24,951
1942	2,688	11,010	9,752	13,607
1943	1,822	8,234	7,357	10,600
1944	1,562	6,073	5,456	7,003
1945	1,939	8,381	7,244	8,604
1946	3,747	17,517	14,774	14,978

Nationality of vessels (year ending June 30, 1946)	Number of transits	Net tonnage (thousands)	Tolls (thousands of dollars)	Tons of cargo (thousands of long tons)
Argentine	4	19	17	7
Belgian	3	20	17	23
British	751	3,860	3,374	3,606
Chilean	53	154	142	209
Chinese	9	41	36	39
Costa Rican	10	7	6	9
Danish	20	59	52	48
Ecuadoran	6	6	5	6
French	9	36	33	30
Greek	4	19	14	9
Honduran	230	511	420	204
Mexican	15	22	19	20
Netherlands	167	299	253	205
Norwegian	225	1,033	850	865
Panamanian	153	590	484	511
Peruvian	7	13	11	14
Philippine Islands	1	5	4	2
Polish	1	5	5	9
Portuguese	10	55	46	52
Soviet	7	20	18	20
Spanish	30	110	90	105
Swedish	45	206	177	177
United States	1,983	10,413	8,688	8,791
Venezuelan	2	9	7	8
Yugoslav	2	6	5	11

[1] Panama Canal net tonnage prior to 1939 are estimates, based on revised measurement rules, effective Mar. 1, 1938.
[2] Canal opened to traffic Aug. 15, 1914.
[3] Canal closed to traffic approximately 7 months of fiscal year due to slides.

No. 616.—Commercial Traffic Through the Panama Canal—Summary, Fiscal Years Ending June 30: 1938 to 1946

[See general note, p. 551]

Item	1938	1939	1940	1941	1942	1943	1944	1945	1946
Number of transits	5,524	5,903	5,370	4,727	2,688	1,822	1,562	1,939	3,747
Measurement tonnage registered:									
Gross (thousands)	32,918	34,583	31,086	26,853	14,759	10,874	8,048	11,427	23,926
Net (thousands)	19,622	20,745	18,643	16,019	8,742	6,578	4,862	6,923	14,338
Panama Canal, net (thousands)	25,950	27,170	24,144	20,643	11,010	8,234	6,073	8,381	17,517
Tons of cargo, total (thousands of long tons)	27,386	27,867	27,299	24,951	13,607	10,600	7,003	8,604	14,978
Atlantic to Pacific	9,689	9,011	9,820	9,488	4,685	4,945	3,354	4,235	6,118
Pacific to Atlantic	17,697	18,855	17,479	15,462	8,923	5,655	3,649	4,369	8,860

Source of tables 615 and 616: The Panama Canal, Annual Report of the Governor.

No. 617.—Panama Canal—Revenues, Expenses, and Computed Surplus: 1914 to 1946

[In thousands of dollars]

Year ending June 30	Tolls [1]	Civil revenues [2]	Business profits [3]	Total revenues	Net appropriation expenses [4]	Net revenues [5]	Capital interest, 3 percent [6]	Computed surplus [5]
Total	537,162	6,824	23,672	567,657	297,882	269,776	394,058	*124,282*
1914 to 1931, total	271,864	4,178	8,748	284,790	138,903	145,886	165,558	*19,672*
1932	20,707	327	557	21,591	10,239	11,352	14,944	*3,592*
1933	19,621	310	1,136	21,067	9,556	11,511	14,908	*3,397*
1934	24,065	97	1,367	25,528	7,931	17,597	15,039	2,558
1935	23,339	82	1,021	24,442	9,481	14,961	15,124	*163*
1936	23,507	120	920	24,547	9,675	14,872	15,160	*288*
1937	23,147	99	917	24,164	10,290	13,874	15,205	*1,331*
1938	23,215	90	825	24,130	9,576	14,555	15,230	*675*
1939	23,699	107	681	24,488	10,145	14,342	15,250	*908*
1940	21,177	118	1,034	22,330	10,042	12,288	15,243	*2,956*
1941	18,190	276	1,009	19,475	9,614	9,861	15,275	*5,414*
1942	9,772	[7] 219	734	10,726	9,407	1,319	15,302	*13,983*
1943	7,369	[8] 55	1,493	8,916	11,269	*2,352*	15,432	*17,785*
1944	5,474	239	1,553	7,267	12,634	*5,368*	15,484	*20,851*
1945	7,223	239	1,469	8,931	13,905	*4,975*	15,476	*20,450*
1946	14,792	268	[9] 208	[9] 15,267	15,214	[9] 53	15,427	[9] *15,374*

[1] Includes tolls on local tolls-paying vessels; adjusted for overcharges and undercollections.
[2] Taxes, fees, fines, etc. [3] Principally from operation of shops and docks.
[4] After deduction of canal earnings repaid to appropriations. [5] Italics denote deficit.
[6] No interest charge against the Canal is actually made by the Treasury. In order to present the net results of operation of the Canal, interest on capital invested is computed at a rate considered reasonable for Government borrowings over an indefinite period. Computed interest prior to July 12, 1920, is included in capital investment account.
[7] Includes adjustment of $15,000 in postal surplus. [8] Includes adjustment of $44,000 in postal surplus.
[9] Actual business profits of $887,000 adjusted by $669,000 for write-off of reimbursable capital expenditures, public works, Republic of Panama.

Source: The Panama Canal, Annual Report of the Governor.

No. 618.—Marine Wrecks and Casualties Occurring to Vessels of the United States, 1921 to 1943, and by Regions, 1940 to 1943

[Covers disasters and casualties resulting in damage or loss amounting to $300 or more. Excludes data for some casualties to U. S. vessels reported after closing of records for respective years. No data included for casualties to U. S. vessels in Panama Canal Zone. Figures for such casualties in 1941 are as follows: Vessels involved, 1; tonnage, 6,174; property loss, $50,000; persons on board, 40; no loss of life. No casualties reported in Panama Canal Zone in 1942 and 1943]

Yearly average or year ending June 30	Number of vessels		Vessel capacity (1,000 tons)		Losses (1,000 dollars)		Persons on board		Lives lost
	Complete loss	Partial loss	Complete loss	Partial loss	To vessel	To cargo	Passengers	Crews	
Total:									
1921–1925	253	665	113	1,808	18,794	4,374	10,207	19,859	189
1926–1930	273	780	122	2,258	17,648	4,159	11,830	23,372	219
1931–1935	217	546	60	1,815	11,824	1,679	8,134	17,819	164
1936–1940	167	632	41	2,247	11,092	1,389	7,807	20,213	68
1940	131	469	34	1,385	7,867	955	6,886	12,974	55
1941	162	532	59	1,917	16,157	4,765	9,679	19,251	174
1942	282	343	843	1,372	114,200	29,175	5,327	15,846	1,467
1943	191	808	567	2,924	88,084	21,590	15,966	28,161	1,914
Atlantic, Gulf, and Pacific coasts:									
1940	93	274	14	571	3,551	365	2,424	5,518	34
1941	118	296	21	759	7,366	924	3,983	8,233	93
1942	125	186	164	433	27,013	12,920	4,027	5,834	325
1943	88	426	85	1,495	16,014	3,222	9,163	13,300	163
Great Lakes:									
1940	4	58	(1)	279	485	(1)	1,633	1,905	5
1941	9	83	11	430	2,597	67	589	3,114	43
1942	17	21	40	19	706	54	20	449	22
1943	5	75	18	391	3,673	129	675	2,540	33
Rivers of United States:									
1940	23	41	9	65	1,819	22	54	664	--------
1941	15	28	1	55	646	4	270	668	8
1942	15	76	3	395	1,339	40	59	2,560	3
1943	12	137	1	69	1,023	110	730	1,519	15
At sea and in foreign waters:									
1940	11	96	11	469	2,012	567	2,775	4,887	16
1941	20	125	25	672	5,548	3,770	4,837	7,236	30
1942	125	60	636	525	85,143	16,162	1,221	7,003	1,117
1943	86	170	464	968	67,374	18,129	5,398	10,802	1,703

[1] Less than 500.

Source: U. S. Coast Guard; records.

No. 619.—Estimated Average Monthly Employment on American Flag Merchant Vessels: 1929 to 1947

[Represents personnel employed on active steam and motor merchant vessels of 1,000 gross tons and over, engaged in deep-sea trades (overseas foreign, nearby foreign, intercoastal, and coastwise). Includes only combination passenger and freight, freight, and tanker vessels]

YEAR	Average monthly employment [1]	YEAR	Average monthly employment [1]	YEAR	Average monthly employment [1]
1929	63,825	1936	53,025	1943	76,800
1930	62,360	1937	57,170	1944	125,755
1931	57,180	1938	50,905	1945	158,755
1932	52,600	1939	52,445	1946	127,175
1933	54,620	1940	50,975	1947 (Oct.)	100,000
1934	56,295	1941	50,225		
1935	56,575	1942	47,650		

[1] Includes masters of vessels; excludes personnel employed on vessels under bareboat charter, or owned by Army or Navy.

Source: U. S. Maritime Commission, records.

No. 620.—Foreign, Intercoastal and Noncontiguous Commerce—Cargo Tonnage

[**In thousands of cargo tons of 2,240 pounds.** Excludes coastwise trade other than from Atlantic and Gulf to Pacific and vice versa]

CLASS	TOTAL, UNITED STATES PORTS [1]			ATLANTIC COAST PORTS			GULF COAST PORTS		
	1938	1939	1940	1938	1939	1940	1938	1939	1940
Total commerce	[2] 99,356	[2] 105,558	[2] 107,113	41,646	48,579	55,150	27,126	25,210	18,291
Inbound	41,294	47,854	49,102	28,144	32,440	33,292	4,380	4,515	5,592
Outbound	63,910	65,177	64,743	13,502	16,139	21,858	22,746	20,695	12,699
With foreign countries [3]	88,430	92,635	94,282	34,971	40,345	47,434	25,649	23,533	16,638
Imports	32,818	37,548	39,881	23,545	26,630	28,372	3,838	4,026	5,169
Exports	55,612	55,087	54,401	11,426	13,715	19,062	21,811	19,507	11,469
Intercoastal				5,024	6,469	5,857	824	1,004	875
Inbound	5,848	7,473	6,732	3,476	4,523	3,742	319	356	307
Outbound	5,848	7,473	6,732	1,548	1,946	2,115	505	648	568
With noncontiguous territories [4]	5,078	5,450	6,099	1,651	1,765	1,859	653	673	778
Imports	2,628	2,833	2,489	1,123	1,287	1,178	223	133	116
Exports	2,450	2,617	3,610	528	478	681	430	540	662

CLASS	PACIFIC COAST PORTS			GREAT LAKES PORTS			PORTS IN ALL TERRITORIES AND POSSESSIONS [5]		
Total commerce	22,599	24,602	22,084	13,833	14,640	18,320			
Inbound	5,565	6,455	6,454	3,205	4,444	3,764			
Outbound	17,034	18,147	15,630	10,628	10,196	14,556			
With foreign countries [3]	13,977	14,117	11,890	13,833	14,640	18,320			
Imports	2,230	2,448	2,576	3,205	4,444	3,764			
Exports	11,747	11,669	9,314	10,628	10,196	14,556			
Intercoastal	5,848	7,473	6,732						
Inbound	2,053	2,594	2,683						
Outbound	3,795	4,879	4,049						
With noncontiguous territories [4]	2,774	3,012	3,462				5,078	5,450	6,099
Imports	1,282	1,413	1,195				2,628	2,833	2,489
Exports	1,492	1,599	2,267				2,450	2,617	3,610

[1] Continental United States. [2] Duplication in intercoastal trade is eliminated.
[3] In showing trade of continental United States ports, Philippine Islands, Virgin Islands, and Canal Zone are included with foreign countries.
[4] Alaska, Hawaii, Puerto Rico, Guam, Samoa. [5] Territories and possessions named in notes 3 and 4.

Source: U. S. Maritime Commission, records.

No. 621.—Water-Borne Imports and Exports—Cargo Tonnage, by Flag of Carrier Vessel, 1921 to 1947, and by Coastal Districts, 1940 to 1947

[In cargo tons of 2,240 pounds. This table and table 622 exclude cargoes (small in aggregate) carried by ships of less than 100 tons gross capacity]

Year and district	Imports by flags of carrier vessels			Exports by flags of carrier vessels		
	Total	American	Foreign	Total	American	Foreign
Total:						
1921	33,184,790	23,454,831	9,729,959	48,640,044	18,557,464	30,082,580
1925	43,135,154	21,214,626	21,920,528	49,666,499	15,716,692	33,949,807
1926	44,686,235	21,105,153	23,581,082	68,139,521	17,122,082	51,017,439
1927	42,182,967	21,457,968	20,724,999	56,935,465	18,695,246	38,240,219
1928	47,395,432	24,186,971	23,208,461	58,829,394	19,287,784	39,541,610
1929	50,985,224	25,231,728	25,753,496	57,475,357	17,920,748	39,554,609
1930	47,562,416	24,822,560	22,739,856	49,730,870	14,913,598	34,817,272
1931	35,864,286	17,114,174	18,750,112	40,049,246	11,068,284	28,980,962
1932	28,710,280	13,324,302	15,385,978	31,844,566	8,147,086	23,697,480
1933	26,566,967	11,017,462	15,549,505	32,385,550	8,354,909	24,030,641
1934	29,813,903	12,767,083	17,046,820	37,821,061	9,435,147	28,385,914
1935	33,965,678	14,125,363	19,840,315	38,145,865	8,740,017	29,405,848
1936	38,395,748	13,196,753	25,198,995	39,714,046	8,615,976	31,098,070
1937	42,062,821	13,363,422	28,699,399	54,557,725	10,882,780	43,674,945
1938	32,818,162	12,077,522	20,740,640	55,612,107	10,358,773	45,253,334
1939	37,548,452	11,124,084	26,424,368	55,086,843	9,425,952	45,660,891
1940	39,881,161	15,465,891	24,415,270	54,401,306	11,553,124	42,848,182
1942 [1]	24,458,000	15,535,000	8,923,000	37,205,000	14,488,000	22,717,000
1943 [1]	27,668,000	22,089,000	5,579,000	42,647,000	22,591,000	20,056,000
1944 [1]	29,750,000	23,401,000	6,349,000	49,299,000	30,359,000	18,940,000
1945 [1]	35,202,000	28,049,000	7,153,000	55,003,000	33,687,000	21,316,000
1946 [2]	43,921,000	28,886,000	15,034,000	77,605,000	44,424,000	33,179,000
1947 [2]	52,860,000	33,645,000	19,215,000	110,997,000	54,520,000	56,477,000
Dry cargoes:						
1940	26,323,665	9,686,891	16,636,774	41,690,815	9,726,208	31,964,607
1942	17,727,000	11,175,000	6,552,000	26,081,000	10,242,000	15,839,000
1943	19,730,000	15,443,000	4,287,000	27,641,000	16,221,000	11,420,000
1944	18,566,000	14,551,000	4,015,000	28,199,000	16,467,000	11,732,000
1945	19,389,000	15,226,000	4,163,000	36,935,000	24,707,000	12,228,000
1946 [2]	22,635,000	12,747,000	9,888,000	64,051,000	39,018,000	25,032,000
1947 [2]	28,634,000	15,492,000	13,142,000	97,635,000	49,772,000	47,863,000
Tanker cargoes:						
1940	13,557,496	5,779,000	7,778,496	12,710,491	1,826,916	10,883,575
1942	6,731,000	4,360,000	2,371,000	11,124,000	4,246,000	6,878,000
1943	7,938,000	6,646,000	1,292,000	15,006,000	6,370,000	8,636,000
1944	11,184,000	8,850,000	2,334,000	21,100,000	13,892,000	7,208,000
1945	15,813,000	12,823,000	2,990,000	18,068,000	8,980,000	9,088,000
1946 [2]	21,285,000	16,139,000	5,146,000	13,554,000	5,406,000	8,147,000
1947 [2]	24,226,000	18,153,000	6,073,000	13,362,000	4,748,000	8,614,000
Atlantic ports:						
1940	28,372,304	11,827,192	16,545,112	19,062,042	4,698,978	14,363,064
1942	15,900,000	9,870,000	6,030,000	19,753,000	5,906,000	13,847,000
1943	17,730,000	14,518,000	3,212,000	28,607,000	13,897,000	14,710,000
1944	21,422,000	17,237,000	4,185,000	35,360,000	21,119,000	14,241,000
1945	27,454,000	21,887,000	5,567,000	35,365,000	20,661,000	14,704,000
1946 [2]	33,968,000	(3)	(3)	33,431,000	(3)	(3)
1947 [2]	40,704,000	(3)	(3)	57,031,000	(3)	(3)
Gulf ports:						
1940	5,168,966	2,149,353	3,019,613	11,469,177	1,930,205,	9,538,972
1942	5,440,000	3,588,000	1,852,000	10,062,000	4,281,000	5,781,000
1943	6,552,000	5,011,000	1,541,000	5,199,000	3,585,000	1,614,000
1944	4,872,000	3,648,000	1,224,000	5,334,000	5,108,000	226,000
1945	5,067,000	4,124,000	943,000	13,158,000	9,137,000	4,021,000
1946 [2]	4,309,000	(3)	(3)	20,145,000	(3)	(3)
1947 [2]	6,239,000	(3)	(3)	23,922,000	(3)	(3)
Pacific ports:						
1940	2,576,110	716,155	1,859,955	9,313,487	1,881,701	7,431,786
1942	3,118,000	2,077,000	1,041,000	7,390,000	4,301,000	3,089,000
1943	3,386,000	2,560,000	826,000	8,841,000	5,109,000	3,732,000
1944	3,456,000	2,516,000	940,000	8,605,000	4,132,000	4,473,000
1945	2,681,000	2,038,000	643,000	6,480,000	3,889,000	2,591,000
1946 [2]	2,140,000	(3)	(3)	6,481,000	(3)	(3)
1947 [2]	2,189,000	(3)	(3)	9,297,000	(3)	(3)
Great Lakes ports:						
1940	3,763,781	773,191	2,990,590	14,556,600	3,042,240	11,514,360
1946 [2]	3,504,000	(3)	(3)	17,547,000	(3)	(3)
1947 [2]	3,728,000	(3)	(3)	20,747,000	(3)	(3)

[1] Excludes U. S. Army, Navy Cargo, and Great Lakes; subject to revision.
[2] Excludes U. S. Army and Navy Cargo. Includes Alaska, Hawaii, and Puerto Rico. Data subject to revision.
[3] Not available.

Source: Prior to 1936, Department of Commerce, U. S. Shipping Board Bureau; 1936–40, U. S. Maritime Commission; 1940 figures published in Report No. 2610. 1942–45, War Shipping Administration. 1946 annual report, Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States.

No. 622.—Water-Borne Imports and Exports—Cargo Tonnage, by Trade Regions and Countries: 1943, 1944, and 1945

[**In cargo tons of 2,240 pounds.** See headnote, table 621. Note that a country may be accounted for in part under one trade region and in part under another. Excludes U. S. Army and Navy Cargo; subject to revision]

Foreign origin or destination	Imports			Exports		
	1943	1944	1945	1943	1944	1945
Grand total	25,447,709	27,510,283	33,121,807	57,309,543	66,952,278	51,018,633
United Kingdom and Eire	506,578	425,731	347,644	19,017,972	23,399,062	16,635,857
England	305,598	334,475	299,264	17,768,742	22,161,583	16,192,337
Northern Ireland and Eire	2,024	2,358	2,216	224,375	25,917	18,851
Scotland	33,224	51,358	37,033	530,464	684,878	269,445
Wales	165,732	37,540	9,131	494,391	526,684	155,224
North Atlantic and Baltic Europe	169,729	145,462	967,266	732,706	1,486,721	2,287,250
Iceland	13,848	10,475	8,313	63,904	50,250	77,386
Greenland	47,562	16,446	21,813	11,136	7,014	7,937
U. S. S. R. (Soviet Union) West	108,292	117,938	286,076	638,501	1,370,910	742,882
Norway			14,809			450,859
Sweden	25	603	635,665	19,165	58,547	631,934
Denmark			590			207,973
Poland						140,094
Germany						28,185
Bayonne-Hamburg Range			18,012		108,689	5,995,629
Germany, North Sea			1,191			187,007
Netherlands			5,642			926,387
Belgium			1,779			2,330,309
France, Atlantic			9,400		108,689	2,551,926
South Atlantic Europe	253,087	275,045	269,288	876,839	675,393	866,045
Portugal (incl. Azores)	101,112	149,262	113,459	639,848	568,217	739,032
Spain	150,096	121,385	154,202	198,748	60,344	87,861
Cape Verde Islands			1,627	3,020		
Canary Islands	(1)	(1)	(1)	13,626	(1)	(1)
Madeira	1,879	4,398		21,597	46,832	39,152
West Mediterranean	101,256	208,618	288,396	1,096,370	1,806,178	6,560,404
Spain	(2)	43,800	29,963	(2)	46,525	114,860
Gibraltar		5,964	1		40,875	224,857
France	4	237	12,084	10,340	28,152	1,007,716
Italy	823	13,970	6,710	57,288	704,818	2,525,143
Yugoslavia					1,931	581,880
Malta	78	1,427		13,508	71,328	51,421
Tunisia	200	(3)		14,468	(3)	(3)
West Mediterranean, not otherwise specified						620,865
Algeria	100,151	143,220	239,638	1,000,766	912,549	1,433,662
East Mediterranean and Black Sea	85,924	76,540	225,738	32,873	34,085	1,691,792
East Mediterranean, not otherwise specified						44,315
Bulgaria						6,488
Rumania						207,699
U. S. S. R. (Soviet Union)		7,449	112,555	9,470	3,003	713,740
Turkey	44,040	37,435	101,938	21,114	22,820	62,922
Cyprus	33,676	13,406	2,943	2,023	6	2,465
Greece			5,486		8,142	589,443
Palestine	1,807	7,942	268	266		53,319
Syria	6,400	8,458	2,548		114	11,401
Libya	1	1,850				
West Indies	10,757,526	8,446,080	7,274,045	2,050,096	2,442,830	2,210,740
Cuba	4,525,009	5,818,365	4,695,974	1,270,541	1,584,115	1,672,510
Jamaica	127,297	110,543	220,634	90,515	140,995	119,956
Bahama Islands	6,183	4,323	5,103	54,776	42,471	33,505
Haiti	68,205	130,214	123,493	36,033	43,112	48,986
Dominican Republic	87,424	340,744	167,931	61,761	83,589	81,688
Lesser Antilles	5,940,462	2,041,080	2,059,522	499,412	511,922	215,670
Bermuda	2,946	811	1,388	37,058	36,626	38,425
Mexico	524,948	568,443	793,165	121,161	240,920	358,976
Central America	731,717	938,124	1,074,524	569,830	491,435	582,741
British Honduras	73,462	106,096	81,004	20,239	20,367	20,314
Guatemala	121,359	191,177	280,990	67,319	70,702	100,111
Honduras	173,465	341,018	393,868	42,258	53,372	65,841

[1] Included with Madeira.
[2] Included with South Atlantic Spain.
[3] Included with Algeria.

No. 622.—Water-Borne Imports and Exports—Cargo Tonnage, by Trade Regions and Countries: 1943, 1944, and 1945—Continued

[In cargo tons of 2,240 pounds]

Foreign origin or destination	Imports			Exports		
	1943	1944	1945	1943	1944	1945
Central America—Continued.						
Nicaragua	35,238	31,525	25,832	30,127	14,046	20,487
Costa Rica	87,124	63,832	82,726	62,843	25,467	44,972
Panama	38,115	34,871	75,042	5,929	514	3,633
Canal Zone	147,751	128,146	94,487	322,037	292,941	297,916
El Salvador	55,203	41,459	40,575	19,078	14,026	29,467
North Coast South America	4,121,362	8,347,538	12,825,457	348,126	805,217	1,001,428
Venezuela	1,867,614	6,130,122	10,069,701	226,625	536,582	720,655
British Guiana	586,824	108,762	217,372	58,755	41,188	17,548
Surinam (Netherlands Guiana)	1,032,766	294,680	473,252	36,041	34,287	17,488
French Guiana		1				1,099
Colombia	634,158	1,813,973	2,065,132	26,705	193,160	244,638
East Coast South America	2,045,816	2,291,667	2,162,323	1,559,105	1,847,518	2,531,748
Brazil [4]	1,210,283	1,182,543	1,426,350	1,004,908	1,242,412	1,745,396
Uruguay (inc. Paraguay)	167,172	121,045	131,606	177,868	166,132	277,085
Argentina	668,361	988,079	604,367	376,329	438,974	509,267
West Coast South America	1,715,742	1,676,496	2,128,111	484,445	639,499	677,445
Colombia	142,703	132,735	132,068	63,249	66,489	97,994
Chile	1,317,426	1,306,954	1,701,363	255,927	341,006	333,058
Peru	217,401	202,906	267,165	131,964	171,482	175,360
Ecuador	38,212	33,901	27,515	33,305	60,522	71,033
West Africa	566,394	678,996	925,409	501,634	399,110	784,262
French Morocco	68,532	84,848	106,234	174,255	105,654	552,527
Portuguese Guinea				257	6,484	
French Guinea	456			45,052		
French West Africa		1,565	16,234		66,925	80,296
Sierra Leone [5]	499	1,313		21,493	17,797	
Liberia	15,736	21,293	23,047	13,647	15,534	12,648
French Equatorial Africa		1,076	12,376		10,333	11,908
Gold Coast	234,814	406,044	624,523	61,501	96,078	42,345
Nigeria	34,018	(6)	(6)	60,268	(6)	(6)
Cameroons	2,708			8,550		
Gabon	4,064		12,173	13,734		9,610
Belgian Congo	94,337	86,382	84,248	96,558	70,499	57,746
Angola	77,722	71,466	46,574	6,184	9,806	17,182
South West Africa	33,508	5,009		135		
South and East Africa	681,029	420,425	731,476	555,112	559,445	599,472
Union of South Africa	160,428	85,119	194,326	439,133	444,465	458,581
Mozambique	442,045	257,633	438,016	40,698	42,039	63,597
Tanganyika Territory and Kenya	76,024	77,673	93,873	75,281	62,475	60,805
Madagascar	2,532		5,261		10,466	14,173
Reunion						2,316
Australia and Antarctic Region	751,600	455,097	441,174	2,714,858	1,884,895	1,177,436
New Zealand	82,045	21,501	41,716	580,037	253,913	240,015
Australia [7]	542,215	347,716	301,589	2,085,127	1,156,120	824,687
Tonga Islands	162	5,267				
Fiji Islands	53,305	6,238	15,222	16,430	4,067	5,424
New Caledonia	33,808	39,105	36,844	28,179	9,187	11,520
Society Islands	18,698	16,570	15,389	4,317	5,409	5,257
New Guinea					116,503	
Solomon Islands and other Islands of Australasia	21,367	18,700	30,414	768	339,696	90,533
East Indies			8,100			99,030
Straits Settlements and Federated Malay States			7,835			8,145
French Indo-China and Siam						14,495
Sumatra						4,879
Java			265			68,043
Borneo						2,576
Celebes						892
East Asia	41,262	27,447	21,427	2,317,015	2,601,642	2,566,695
China			110			176,223
U. S. S. R. (Soviet Union)	41,262	27,447	3,327	2,317,015	2,601,642	2,212,819
Japan			1,307			22,469
Philippine Islands			16,683			155,184

[4] Includes South Atlantic Islands.
[5] Includes Gambia.
[6] Included with Gold Coast.
[7] Includes Tasmania.

No. 622.—Water-Borne Imports and Exports—Cargo Tonnage, by Trade Regions and Countries: 1943, 1944, and 1945—Continued

[In cargo tons of 2,240 pounds]

Foreign origin or destination	Imports			Exports		
	1943	1944	1945	1943	1944	1945
India, Persian Gulf, and Red Sea	1,263,093	908,902	1,052,016	5,068,596	5,618,170	3,658,518
Anglo-Egyptian Sudan	70,009	68,221	53,198	1,693,934	1,110,534	569,832
Eritrea and Somaliland	2,290	1,350	744	1,002	29,363	1,688
Egypt	(8)	(8)	(8)	(8)	(8)	(8)
Iraq (Mesopotamia)	15,911	25,233	40,892	217,733	66,641	49,214
Arabia Peninsula States	3,270	3,153	3,031	21,371	129,787	105,063
Iran (Persia)	2,940	12,175	4,796	1,646,765	1,025,469	137,303
U. S. S. R. (Persian Gulf)					804,187	
India and Dependencies	1,042,093	672,170	817,141	1,418,512	2,255,585	2,429,902
Ceylon	126,580	126,600	132,214	69,279	196,604	342,222
Persian Gulf, not otherwise specified						18,111
Burma						5,183
Canada	1,130,646	1,619,672	1,568,236	19,262,805	21,911,469	733,165
Pacific	636,754	944,978	588,156	1,135,241	951,991	
Atlantic and Newfoundland	493,892	674,694	969,100	743,881	654,055	711,000
Great Lakes	(9)	(9)	10,980	17,383,683	20,305,423	22,165

[8] Included with Anglo-Egyptian Sudan. [9] Not available. Source: War Shipping Administration.

No. 623.—Vessels Entered and Cleared in Foreign Trade—Net Registered Tonnage: 1840 to 1947

[Excludes domestic trade. For definition of net registered tonnage and vessel entrances and clearances, see general note, p. 551. Figures cover years ending June 30 to and including 1918, calendar years thereafter]

[In thousands of net tons]

Yearly average or year	Entered		Cleared	
	Seaports	Other ports	Seaports	Other ports
1840 [1]	1,788	501	1,861	492
1850	3,169	1,179	3,167	1,194
1860	5,000	3,275	5,257	3,533
1870	6,270	2,886	6,362	2,807
1871–1875	8,462	2,997	8,514	2,994
1876–1880	12,134	2,792	12,197	2,807
1881–1885	13,604	2,931	13,781	2,917
1886–1890	13,479	2,602	13,655	2,593
1891–1895	16,801	2,816	16,965	2,876
1896–1900	20,931	3,989	21,077	4,007
1901–1905	24,551	5,939	24,633	5,918
1906–1910	29,651	8,072	29,156	8,036
1911–1915	36,035	11,879	35,954	12,061
1915–1920 [2]	38,071	13,440	40,137	13,511
1921–1925	52,959	13,334	53,578	13,075
1926–1930	63,768	15,293	64,441	15,319
1931–1935	54,928	10,462	55,214	10,351
1936–1940	55,521	11,595	56,967	11,575
1910–1914	35,212	11,408	34,965	11,614
1914–1920 [3]	37,604	13,169	39,417	13,190
1905	24,793	6,190	25,020	6,138
1906	27,401	6,754	26,970	6,814
1907	29,248	7,374	28,499	7,491
1908	30,444	8,095	30,198	8,084
1909	30,243	8,815	29,604	8,592
1910	30,917	9,319	30,510	9,196
1911	32,457	10,218	32,299	10,138
1912	34,659	11,499	34,706	11,711
1913	37,973	12,666	37,566	13,586
1914	40,052	13,337	39,743	13,440
1915	35,032	11,678	35,458	11,427
1916	37,744	13,806	38,946	13,477
1917	36,521	13,951	38,094	13,983
1918	31,101	14,356	31,869	14,145
1918 (July–Dec.)	16,113	8,916	16,112	9,360
1919	36,381	10,320	40,750	10,506
1920	51,532	12,572	54,981	12,837
1921	49,958	12,327	50,423	12,242
1922	51,701	13,490	51,799	13,040
1923	52,775	13,544	53,215	13,409
1924	54,726	13,565	55,294	13,616
1925	55,636	13,742	57,160	13,069
1926	63,759	13,174	65,583	13,458
1927	58,921	15,389	59,759	15,682
1928	62,809	17,402	63,331	17,336
1929	66,852	15,749	67,030	15,313
1930	66,499	14,753	66,500	14,808
1931	60,427	12,355	61,204	12,297
1932	55,229	9,607	54,900	9,547
1933	51,564	9,372	52,083	9,204
1934	53,132	10,655	53,162	10,541
1935	54,289	10,324	54,722	10,165
1936	55,038	10,934	55,381	10,686
1937	59,980	11,580	61,177	11,704
1938	59,223	11,293	60,064	11,222
1939	57,973	11,019	59,218	11,088
1940	45,393	13,151	48,996	13,176
1941	42,616	16,445	46,142	16,454
1942	28,258	15,684	31,976	15,730
1943	44,739	16,345	50,232	16,484
1944	66,305	15,555	71,717	15,668
1945	81,182	12,839	81,452	13,107
1946 [4]	69,516	10,738	66,413	10,849
1947 [4]	80,856	12,907	84,489	12,617

[1] Year ending Sept. 30.
[2] Average for period July 1, 1915, to Dec. 31, 1920.
[3] Average for period July 1, 1914, to Dec. 31, 1920. Shown because of marked effect of World War I on shipping.
[4] Preliminary data, subject to revision.

Source: Prior to 1936, Department of Commerce, Bureau of Foreign and Domestic Commerce; 1936–40, Treasury Department, Bureau of Customs; thereafter, Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States.

No. 624.—Vessels Entered and Cleared in Foreign Trade—Net Registered Tonnage by Regions, 1911 to 1947, and by Customs Districts, 1943 to 1946

[In thousands of net tons. See headnote, table 623]

Customs district	1943		1944		1945		1946 [1]	
	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared
Grand total	61,084	66,716	81,860	87,385	94,021	94,559	80,254	77,262
Seaports, total	44,739	50,232	66,305	71,717	81,182	81,452	69,516	66,413
North Atlantic coast, total	26,849	27,865	40,708	39,176	39,935	34,858	31,787	27,842
Maine, New Hampshire	524	534	1,124	1,030	1,587	1,087	1,673	1,275
Massachusetts	997	1,517	2,091	2,618	3,682	3,170	2,740	1,352
Rhode Island	83	118	55	211	95	179	259	202
Connecticut	1	25	14	34	37	55	141	117
New York	22,963	22,762	32,868	30,302	28,722	23,936	21,298	19,197
Philadelphia	2,281	2,909	4,556	4,981	5,812	6,431	5,675	5,698
South Atlantic coast, total	4,345	5,500	7,178	10,274	10,893	12,866	12,253	13,450
Maryland	1,797	1,537	3,032	2,782	3,812	5,247	5,424	6,075
Virginia	1,862	3,105	3,238	5,875	5,508	5,193	4,372	4,619
North Carolina	8	18	25	62	55	63	45	126
South Carolina	68	212	208	406	504	1,015	1,043	1,154
Georgia	136	213	247	437	418	578	800	663
Puerto Rico	449	389	406	689	556	717	432	616
Virgin Islands [2]	25	26	22	23	40	53	136	197
Gulf coast, total	4,776	5,470	4,869	6,274	9,939	12,606	14,682	15,108
Florida	1,965	2,123	1,391	1,707	1,358	1,848	1,935	2,123
Mobile	772	528	713	608	1,668	1,287	2,600	1,500
New Orleans	1,652	1,932	2,267	2,576	3,359	3,825	4,426	3,975
Sabine	52	154	83	296	775	1,461	1,353	1,875
Galveston	335	733	415	1,087	2,778	4,185	4,368	5,635
Mexican border, Laredo	--------	(3)	72	65	123	120	254	233
Pacific coast, total	8,769	11,397	13,478	15,928	20,291	21,002	10,541	9,779
Washington	2,144	2,099	2,464	2,275	2,580	2,922	2,088	1,745
Oregon	449	676	624	734	1,102	1,212	1,088	915
San Francisco	2,766	3,978	4,516	5,445	8,003	6,931	3,104	3,464
Los Angeles	2,551	3,678	2,987	3,994	4,878	6,180	2,281	2,331
Alaska	513	480	438	381	268	309	216	251
Hawaii	248	172	2,365	2,781	3,335	3,386	1,532	1,041
San Diego	98	314	84	318	126	61	232	32
Northern border, total	16,345	16,484	15,555	15,668	12,839	13,107	10,738	10,849
St. Lawrence	215	182	171	171	87	28	92	40
Rochester	4,114	4,129	2,367	2,255	1,484	1,555	1,250	1,287
Buffalo	1,642	902	1,965	849	1,777	823	469	245
Ohio	5,663	7,102	6,117	7,162	5,907	6,924	5,198	6,466
Michigan	2,028	1,865	1,893	1,659	1,547	1,467	1,518	1,114
Chicago	343	729	508	1,339	275	661	264	749
Wisconsin	220	362	187	578	183	523	247	288
Duluth and Superior	2,120	1,213	2,347	1,655	1,578	1,126	1,700	658

Yearly average or year	Atlantic coast		Gulf coast		Pacific coast		Mexican border, total	Northern border	
	Total	With cargo	Total	With cargo	Total	With cargo		Total	With cargo
Entrances:									
1911–1915	24,293	20,708	6,635	3,377	5,055	3,649	52	11,879	4,564
1915–1920 [4]	24,581	16,094	7,939	4,646	5,487	4,329	64	13,440	5,646
1921–1925	30,979	27,133	12,390	8,243	9,562	6,070	28	13,334	6,475
1926–1930	36,884	33,003	11,634	7,415	15,100	8,247	150	15,293	7,700
1931–1935	31,721	28,668	8,058	4,858	14,968	9,239	180	10,462	4,997
1936–1940	30,634	26,925	10,115	5,593	14,108	9,368	663	11,595	5,187
1941–1945	34,914	18,397	6,454	4,463	11,211	6,153	40	15,374	5,060
1943	31,194	14,242	4,776	4,338	8,769	5,212	--------	16,345	5,834
1944	47,885	19,807	4,869	4,239	13,478	8,186	72	15,555	5,049
1945	50,828	25,025	9,939	4,786	20,291	8,063	123	12,839	3,780
1946 [1]	44,040	25,351	14,682	5,492	10,541	5,323	254	10,738	2,324
1947 [1]	52,875	30,834	16,686	7,269	10,877	5,423	414	12,907	2,581
Clearances:									
1911–1915	23,608	21,765	7,193	6,414	5,104	4,643	50	12,061	8,567
1915–1920 [4]	25,921	23,168	8,528	6,915	5,626	4,762	62	13,511	9,637
1921–1925	30,837	24,284	12,833	9,589	9,880	8,360	28	13,075	9,236
1926–1930	36,361	28,696	12,326	10,641	15,658	13,148	95	15,319	10,504
1931–1935	30,658	23,563	9,018	8,079	15,411	13,220	127	10,351	7,309
1936–1940	30,472	22,469	11,064	9,601	14,752	13,394	677	11,575	9,412
1941–1945	35,545	27,351	7,636	6,494	13,082	11,288	40	15,489	12,657
1943	33,365	27,655	5,470	4,338	11,397	10,477	(3)	16,484	13,638
1944	49,450	40,812	6,274	5,271	15,928	13,995	65	15,668	12,016
1945	47,725	35,439	12,606	11,238	21,002	17,274	120	13,107	10,027
1946 [1]	41,292	27,054	15,108	13,105	9,779	7,631	233	10,849	9,548
1947 [1]	54,201	40,517	18,117	16,147	11,810	10,635	356	12,617	11,249

[1] Preliminary data, subject to revision.
[2] Reported as a foreign country prior to Jan. 1, 1935.
[3] Less than 500 tons.
[4] July 1, 1915, to Dec. 31, 1920.

Source: Prior to 1936, Department of Commerce, Bureau of Foreign and Domestic Commerce; 1936–40, Treasury Department, Bureau of Customs; thereafter, Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States.

No. 625.—Vessels Entered in Foreign Trade—Net Registered Tonnage, by Classes: 1881 to 1947

[All figures except number of vessels and percentages in thousands of net tons. See headnote, table 623]

Yearly average or year	Number of vessels, all ports	All ports: Total	All ports: American	All ports: Foreign	All ports: Percent American	Seaports: All vessels	Seaports: Sailing vessels	Seaports: Steam vessels	Seaports: With cargo	Seaports: In ballast
1881–1890	32,038	16,308	3,395	12,913	20.8	13,542	5,251	8,291	11,560	1,982
1891–1900	31,781	22,269	4,978	17,291	22.4	18,866	3,816	15,050	14,184	4,682
1901–1905	34,040	30,490	6,802	23,688	22.3	24,551	2,606	21,945	19,205	5,346
1906–1910	34,375	37,722	8,372	29,350	22.2	29,651	1,816	27,834	23,621	6,029
1911–1915	38,951	47,914	12,205	35,709	25.5	36,035	1,574	34,461	27,778	8,257
1915–1920 [1]	42,713	51,511	21,999	29,512	42.7	38,071	1,899	36,173	25,128	12,943
1921–1925	41,546	66,293	29,645	36,648	44.7	52,959	1,004	51,955	41,471	11,488
1926–1930	45,846	79,062	30,314	48,748	38.3	63,768	472	63,296	48,710	15,058
1931–1935	31,338	65,390	23,847	41,543	36.5	54,928	227	54,701	42,835	12,093
1936–1940	33,954	67,117	19,243	47,873	28.7	55,521	102	55,419	41,951	13,570
1910–1914	38,038	46,619	11,328	35,291	24.3	35,212	1,558	33,654	28,096	7,116
1914–1920 [2]	42,257	50,773	20,657	30,116	40.7	37,604	1,853	35,750	24,938	12,666
1933	28,019	60,936	22,488	38,448	36.9	51,564	180	51,384	40,410	11,154
1934	29,736	63,787	23,192	40,594	36.4	53,132	196	52,936	41,297	11,835
1935	32,246	64,612	22,372	42,240	34.6	54,289	281	54,008	42,501	11,788
1936	33,439	65,972	20,682	45,290	31.3	55,038	311	54,727	44,675	10,363
1937	34,309	71,560	19,527	52,033	27.3	59,980	54	59,926	46,328	13,652
1938	33,079	70,516	19,020	51,496	27.0	59,223	51	59,172	42,806	16,417
1939	35,310	68,992	17,769	51,223	25.8	57,973	34	57,939	41,940	16,033
1940	33,636	58,544	19,220	39,324	32.8	45,393	60	45,333	34,008	11,385
1941	37,835	59,061	20,940	38,121	35.5	42,616	40	42,576	32,819	9,797
1942	31,358	43,942	13,611	30,331	31.0	28,257	32	28,225	18,077	10,181
1943	36,640	61,084	29,292	31,792	48.0	44,739	37	44,702	23,792	20,947
1944	40,834	81,860	48,071	33,789	58.7	66,305	30	66,275	32,297	34,008
1945	48,318	94,021	61,375	32,646	65.3	81,182	44	81,138	37,992	43,190
1946 [3]	48,082	80,254	53,042	27,213	66.1	69,516	(4)	(4)	36,339	33,177
1947 [3]	50,446	93,763	53,602	40,169	57.2	80,856	(4)	(4)	43,843	36,819

Yearly average or year	Seaports—continued: American vessels: Total	American vessels: With cargo	Foreign vessels: Total	Foreign vessels: With cargo	Percent American	Northern border ports: Total	American	Foreign	With cargo
1881–1890	2,933	2,559	10,609	9,001	21.7	2,766	462	2,304	1,976
1891–1900	3,619	2,956	15,247	11,228	19.2	3,403	1,359	2,044	1,589
1901–1905	3,962	3,246	20,589	15,960	16.1	5,939	2,840	3,099	2,602
1906–1910	4,175	3,471	25,475	20,150	14.1	8,072	4,197	3,875	3,207
1911–1915	5,276	4,200	30,759	23,578	14.6	11,879	6,929	4,950	4,564
1915–1920 [1]	14,508	11,375	23,563	13,753	38.1	13,440	7,490	5,950	5,646
1921–1925	22,526	18,404	30,433	23,068	42.5	13,334	7,119	6,215	6,475
1926–1930	23,182	18,809	40,586	29,901	36.4	15,293	7,132	8,162	7,700
1931–1935	19,854	16,870	35,074	25,965	36.1	10,462	3,993	6,469	4,997
1936–1940	16,090	13,865	39,432	28,086	29.0	11,595	3,154	8,441	5,187
1910–1914	4,753	3,787	30,459	24,309	13.5	11,408	6,575	4,832	4,501
1914–1920 [2]	13,327	10,481	24,276	14,456	35.4	13,169	7,330	5,840	5,430
1933	19,051	16,123	32,513	24,287	36.9	9,372	3,437	5,934	4,444
1934	19,186	16,500	33,946	24,797	36.1	10,655	4,006	6,649	4,717
1935	18,893	16,206	35,395	26,295	34.8	10,324	3,479	6,845	4,976
1936	17,510	15,360	37,528	29,314	31.8	10,934	3,172	7,762	5,300
1937	16,747	14,661	43,233	31,667	27.9	11,580	2,780	8,800	5,288
1938	15,899	13,080	43,324	29,726	26.8	11,293	3,121	8,172	5,085
1939	14,553	12,258	43,421	29,681	25.1	11,019	3,217	7,802	5,311
1940	15,740	13,965	29,652	20,043	34.7	13,151	3,480	9,671	4,953
1941	16,767	15,658	25,849	17,161	39.3	16,445	4,174	12,271	5,533
1942	10,326	8,004	17,931	10,073	36.5	15,684	3,285	12,400	5,105
1943	24,508	14,135	20,231	9,657	54.8	16,345	4,784	11,561	5,834
1944	42,196	20,509	24,109	11,788	63.6	15,555	5,875	9,680	5,049
1945	56,499	26,080	24,682	11,912	69.6	12,839	4,876	7,963	3,781
1946 [3]	49,139	23,429	20,377	12,910	70.7	10,738	3,902	6,835	2,324
1947 [3]	48,821	26,001	31,841	17,842	60.5	12,907	4,582	8,325	2,581

[1] Average for period July 1, 1915, to Dec. 31, 1920.
[2] Average for period July 1, 1914, to Dec. 31, 1920.
[3] Preliminary data, subject to revision.
[4] Not available.

Source: Prior to 1936, Department of Commerce, Bureau of Foreign and Domestic Commerce; 1936–40, Treasury Department, Bureau of Customs; thereafter, Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States.

No. 626.—Vessels Cleared in Foreign Trade—Net Registered Tonnage, by Classes: 1881 to 1947

[All figures except number of vessels and percentages in thousands of net tons. See headnote, table 623]

Yearly average or year	Number of vessels, all ports	All ports: Total	All ports: American	All ports: Foreign	All ports: Percent American	Seaports: All vessels	Seaports: Sailing vessels	Seaports: Steam vessels	Seaports: With cargo	Seaports: In ballast
1881–1890	32,159	16,473	3,450	13,023	20.9	13,719	5,363	8,356	12,795	924
1891–1900	31,902	22,463	5,038	17,425	22.4	19,021	3,818	15,203	17,514	1,507
1901–1905	33,863	30,551	6,812	23,739	22.3	24,633	2,621	22,012	22,460	2,173
1906–1910	33,897	37,192	8,282	28,910	22.3	29,156	1,850	27,306	26,768	2,388
1911–1915	38,790	48,015	12,512	35,503	26.1	35,954	1,654	34,301	32,827	3,128
1915–1920 [1]	42,687	53,647	23,005	30,643	42.9	40,137	2,057	38,080	34,851	5,285
1921–1925	40,120	66,653	29,554	37,099	44.3	53,578	984	52,594	42,233	11,345
1926–1930	44,082	79,760	30,709	49,051	38.5	64,441	467	63,973	52,581	11,860
1931–1935	30,520	65,565	23,616	41,949	36.0	55,214	221	54,993	44,990	10,224
1936–1940	32,706	68,541	19,448	49,093	28.4	56,967	102	56,864	46,126	10,841
1910–1914	37,883	46,579	11,590	34,989	24.9	34,965	1,620	33,345	32,024	2,941
1914–1920 [2]	42,141	52,607	21,529	31,078	40.9	39,417	2,010	37,407	34,394	5,023
1934	28,874	63,702	22,799	40,903	35.8	53,162	177	52,985	43,881	9,281
1935	31,554	64,887	22,126	42,761	34.1	54,722	277	54,445	44,159	10,563
1936	31,362	66,066	20,069	45,997	30.4	55,381	317	55,063	44,672	10,708
1937	32,850	72,880	19,938	52,942	27.4	61,177	53	61,123	49,853	11,324
1938	31,710	71,286	18,829	52,456	26.4	60,064	58	60,006	49,780	10,284
1939	34,192	70,306	18,156	52,150	25.8	59,218	33	59,185	48,170	11,048
1940	33,417	62,171	20,248	41,923	32.6	48,996	52	48,943	38,154	10,842
1941	38,024	62,596	21,869	40,726	34.9	46,142	44	46,098	32,714	13,428
1942	30,506	47,705	16,354	31,352	34.3	31,975	32	31,943	26,464	5,511
1943	35,915	66,716	33,682	33,034	50.5	50,232	37	50,195	42,470	7,762
1944	40,321	87,385	53,050	34,335	60.7	71,717	52	71,665	60,095	11,622
1945	46,210	94,559	61,460	33,099	65.0	81,452	42	81,410	63,992	17,461
1946 [3]	44,469	77,262	49,101	28,161	63.6	66,413	(4)	(4)	47,875	18,538
1947 [3]	48,345	97,107	54,066	43,042	55.7	84,489	(4)	(4)	67,490	16,999

Yearly average or year	Seaports—continued: American vessels: Total	American vessels: With cargo	Foreign vessels: Total	Foreign vessels: With cargo	Percent American	Northern border ports: Total	Northern border ports: American	Northern border ports: Foreign	Northern border ports: With cargo
1881–1890	2,978	2,541	10,741	10,254	21.7	2,754	472	2,282	1,778
1891–1900	3,644	2,914	15,377	14,600	19.2	3,442	1,394	2,048	2,129
1901–1905	4,000	3,284	20,633	19,176	16.2	5,918	2,812	3,106	3,825
1906–1910	4,084	3,498	25,072	23,270	14.0	8,036	4,198	3,838	5,673
1911–1915	5,361	4,522	30,594	28,305	14.9	12,061	7,151	4,909	8,567
1915–1920 [1]	15,455	11,505	24,681	23,346	38.5	13,511	7,550	5,962	9,637
1921–1925	22,556	14,974	31,022	27,259	42.1	13,075	6,998	6,077	9,236
1926–1930	23,338	17,071	41,102	35,510	36.2	15,319	7,371	7,948	10,504
1931–1935	19,653	15,729	35,561	29,261	35.6	10,351	3,962	6,388	7,309
1936–1940	16,302	13,116	40,665	33,009	28.6	11,575	3,146	8,429	9,412
1910–1914	4,778	4,109	30,187	27,915	13.7	11,614	6,812	4,802	8,380
1914–1920 [2]	14,171	10,611	25,245	23,783	36.0	13,190	7,358	5,832	9,279
1934	18,901	15,571	34,261	28,310	35.6	10,541	3,899	6,641	7,318
1935	18,651	14,447	36,071	29,712	34.1	10,165	3,475	6,690	7,155
1936	16,967	13,617	38,414	31,055	30.6	10,686	3,102	7,583	7,542
1937	17,134	14,038	44,043	35,815	28.0	11,704	2,804	8,900	9,890
1938	15,742	12,893	44,322	36,887	26.2	11,222	3,087	8,135	9,348
1939	14,903	12,130	44,316	36,040	25.2	11,088	3,253	7,835	8,880
1940	16,766	12,904	32,230	25,249	34.2	13,176	3,483	9,693	11,401
1941	17,701	12,251	28,441	20,462	38.4	16,454	4,169	12,285	13,824
1942	13,149	10,827	18,826	15,637	41.1	15,730	3,205	12,525	13,782
1943	28,826	24,140	21,406	18,330	57.0	16,484	4,856	11,628	13,638
1944	46,919	39,960	24,798	20,134	65.4	15,668	6,131	9,538	12,016
1945	56,332	44,705	25,120	19,286	69.2	13,107	5,129	7,979	10,027
1946 [3]	45,089	31,972	21,324	15,903	67.9	10,849	4,012	6,837	9,548
1947 [3]	49,534	38,786	34,955	28,704	58.6	12,617	4,531	8,085	11,249

[1] Average for period July 1, 1915, to Dec. 31, 1920.
[2] Average for period July 1, 1914, to Dec. 31, 1920.
[3] Preliminary data, subject to revision.
[4] Not available.

Source: Prior to 1936, Department of Commerce, Bureau of Foreign and Domestic Commerce; 1936–40, Treasury Department, Bureau of Customs; thereafter, Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States.

No. 627.—Vessels Entered and Cleared at Seaports in Foreign Trade—Net Registered Tonnage, by Countries of Origin and Destination: 1921 to 1945

[In thousands of net tons. Only traffic by sea is included. For definition of net tonnage, see general note, p. 551]

COUNTRY	1921–1925, average	1926–1930, average	1931–1935, average	1936–1940, average	1941–1945, average	1943	1944	1945
Total by sea:								
Entered	52,959	63,768	54,928	55,521	52,620	44,739	66,305	81,182
Cleared	53,578	64,441	55,214	56,967	56,304	50,232	71,717	81,452
Belgium:								
Entered	1,231	1,560	1,068	940	929	----------	9	4,630
Cleared	1,190	1,280	1,013	892	348	----------	----------	1,739
Denmark:								
Entered	372	532	451	251	23	----------	----------	114
Cleared	450	686	402	167	21	----------	----------	107
France:								
Entered	1,953	2,321	2,027	2,093	1,721	7	1,050	7,531
Cleared	2,250	2,475	2,582	2,395	1,016	33	25	5,008
Germany:								
Entered	2,998	3,813	3,806	2,530	48	----------	----------	241
Cleared	3,165	3,714	3,235	2,119	50	----------	----------	251
Italy:								
Entered	1,707	2,101	1,909	1,638	1,706	380	3,949	4,139
Cleared	1,986	2,023	1,869	1,727	603	79	766	2,085
Netherlands:								
Entered	1,654	2,081	1,389	1,804	100	----------	----------	493
Cleared	1,464	1,499	1,050	1,358	107	----------	----------	529
Norway:								
Entered	384	360	379	554	52	----------	----------	261
Cleared	412	361	269	365	54	----------	----------	270
Spain:								
Entered	608	850	674	361	210	156	190	306
Cleared	463	612	597	250	139	99	86	157
Sweden:								
Entered	504	681	695	834	132	22	53	537
Cleared	353	498	412	604	93	19	38	297
United Kingdom:								
Entered	9,378	10,614	6,087	6,422	13,274	14,035	22,804	15,611
Cleared	8,647	10,577	6,147	5,871	11,912	13,809	18,362	11,715
Canada:								
Atlantic coast—[1]								
Entered	1,201	1,607	2,265	2,033	1,110	917	635	891
Cleared	1,331	1,709	2,267	2,408	4,775	6,465	8,274	5,602
British Columbia, Yukon—								
Entered	4,571	6,619	6,682	6,551	2,670	2,876	3,086	2,026
Cleared	4,573	6,556	6,878	7,272	3,092	2,766	2,832	2,228
Central America: [2]								
Entered	1,734	2,391	2,368	3,307	2,191	853	1,399	3,990
Cleared	1,640	2,692	2,801	4,211	2,535	1,093	2,644	3,721
Mexico:								
Entered	8,160	2,840	1,548	1,932	705	362	502	704
Cleared	8,391	2,892	1,755	2,028	780	576	593	744
British West Indies, Bermuda, and British Honduras:								
Entered	1,351	1,975	3,210	2,684	897	866	942	651
Cleared	1,435	2,216	3,400	3,172	1,334	1,196	1,638	1,140
Cuba:								
Entered	4,769	5,875	5,435	4,988	3,133	2,820	3,388	2,630
Cleared	4,659	5,832	5,292	4,832	3,012	2,602	3,207	2,517
Dominican Republic:								
Entered	380	713	688	499	283	123	377	154
Cleared	449	920	903	589	342	193	461	272
Haiti:								
Entered	105	220	176	251	128	65	103	108
Cleared	230	204	188	262	135	44	74	102
Argentina:								
Entered	1,006	966	499	828	534	350	546	434
Cleared	707	997	358	494	244	182	175	205
Brazil:								
Entered	552	918	803	637	707	717	677	792
Cleared	913	1,252	924	1,241	882	668	663	859
Chile:								
Entered	975	1,387	545	1,039	747	509	699	841
Cleared	793	1,058	507	734	511	379	372	610
Colombia:								
Entered	144	958	1,056	599	633	352	882	935
Cleared	226	966	1,015	1,030	592	356	705	571
British India, British Malaya, and Ceylon:								
Entered	576	833	704	691	877	829	788	997
Cleared	330	428	289	279	1,245	1,346	2,009	1,829

[1] Beginning 1939 includes maritime provinces only.
[2] Not including British Honduras.

No. 627.—Vessels Entered and Cleared at Seaports in Foreign Trade—Net Registered Tonnage, by Countries, Etc.—Continued

COUNTRY	1921–1925, average	1926–1930, average	1931–1935, average	1936–1940, average	1941–1945, average	1943	1944	1945
China, Hong Kong, and Kwantung:								
Entered	959	1,044	827	805	96	----------	----------	106
Cleared	963	894	562	359	96	----------	----------	194
Japan:								
Entered	1,607	2,320	2,169	2,853	733	----------	----------	2,294
Cleared	2,106	3,284	3,815	4,631	623	----------	----------	1,308
Philippine Islands:								
Entered	408	611	1,012	986	1,110	----------	9	4,534
Cleared	359	503	466	663	454	----------	----------	1,472
Oceania:								
Entered	509	931	778	693	4,651	4,671	7,558	8,242
Cleared	946	1,396	831	714	2,677	3,006	3,399	5,071
All other countries:								
Entered	3,165	6,649	5,677	6,717	13,220	13,829	16,659	16,990
Cleared	3,149	6,913	5,388	6,299	18,631	15,321	25,394	30,849

No. 628.—Vessels Entered and Cleared at Seaports in Foreign Trade—Net Registered Tonnage, by Nationality of Vessel: 1921 to 1945

[**In thousands of net tons.** Includes only traffic by sea and to and from foreign countries. The large trade with Canada on the Great Lakes and the St. Lawrence is handled about equally by vessels of the United States and of the British (Canadian) flag. See tables 625 and 626 in which the columns for northern border represent trade with Quebec and Ontario]

NATIONALITY	1921–1925, average	1926–1930, average	1931–1935, average	1936–1940, average	1941–1945, average	1943	1944	1945
Total by sea:								
Entered	52,959	63,768	54,928	55,521	52,620	44,739	66,305	81,182
Cleared	53,578	64,441	55,214	56,967	56,304	50,232	71,717	81,452
American:								
Entered	22,526	23,182	19,855	16,090	30,059	24,508	42,196	56,499
Cleared	22,556	23,338	19,653	16,302	32,585	28,826	46,919	56,332
Total foreign:								
Entered	30,433	40,586	35,074	39,432	22,561	20,231	24,109	24,682
Cleared	31,022	41,102	35,561	40,665	23,718	21,406	24,798	25,120
Belgian:								
Entered	332	374	274	332	143	155	107	173
Cleared	343	370	269	329	158	184	122	180
British:								
Entered	16,807	20,189	15,270	14,506	10,012	9,790	11,838	11,016
Cleared	17,064	20,291	15,373	14,889	10,749	10,558	12,319	11,149
Danish:								
Entered	929	1,136	917	1,040	40	1	2	199
Cleared	928	1,168	902	1,054	41	----------	3	190
Dutch:								
Entered	1,300	1,798	1,634	2,322	1,212	1,027	1,325	1,326
Cleared	1,292	1,809	1,627	2,352	1,235	1,050	1,402	1,298
French:								
Entered	1,492	1,870	1,652	1,852	222	158	314	438
Cleared	1,518	1,905	1,694	1,859	227	123	323	502
German:								
Entered	847	2,654	3,260	2,488	----------	----------	----------	----------
Cleared	870	2,736	3,280	2,414	----------	----------	----------	----------
Italian:								
Entered	1,490	2,175	1,798	1,690	30	15	104	29
Cleared	1,569	2,150	1,800	1,704	33	----------	104	62
Japanese:								
Entered	2,059	2,618	2,473	3,014	357	----------	----------	----------
Cleared	2,235	2,741	2,682	3,428	400	----------	----------	----------
Norwegian:								
Entered	2,817	4,026	4,072	6,672	3,932	3,307	4,061	4,562
Cleared	2,784	4,136	4,178	6,839	3,989	3,325	4,089	4,680
Spanish:								
Entered	480	571	459	185	198	175	183	251
Cleared	487	586	457	188	197	169	188	235
Swedish:								
Entered	564	985	1,013	1,206	542	217	291	818
Cleared	566	1,005	1,017	1,233	541	228	280	766
All other foreign:								
Entered	1,317	2,190	2,252	4,125	5,872	5,386	5,884	5,870
Cleared	1,366	2,206	2,281	4,377	6,148	5,769	5,968	6,058

Source of tables 627 and 628: Prior to 1936, Dept. of Commerce, Bureau of Foreign and Domestic Commerce; 1936–40, Treasury Dept., Bureau of Customs; thereafter, Dept. of Commerce. Bureau of the Census: annual report, Foreign Commerce and Navigation of the United States.

22. Irrigation and Drainage

[Data in this section relate to Continental United States]

No. 629.—Irrigation Enterprises—Summary: 1910 to 1940

[Data are for the 17 Western States and Arkansas and Louisiana. Tables 629 and 631–638 relate to irrigation enterprises of all types, including those operated by individual farmers. They are based on reports of management of enterprises. An enterprise is defined as "an independent irrigation establishment owning or operating works for supplying water to agricultural land"]

ITEM		CENSUS OF—			
		1910	1920	1930	1940
Approximate land area	1,000 acres	1,224,063	1,223,989	1,223,989	[1] 1,225,057
Farms (irrigated and nonirrigated)[2]	number	1,776,046	1,916,391	2,062,813	1,897,845
Land in all farms [2]	1,000 acres	416,463	505,441	568,694	629,050
Irrigation enterprises:					
Enterprises	number	56,858	63,298	75,517	91,637
Units irrigated	do	(3)	(3)	(3)	430,022
Area irrigated	1,000 acres	14,433	19,192	19,548	21,004
Area existing works were capable of supplying with water	1,000 acres	20,285	26,020	26,102	28,055
Area irrigable	1,000 acres	[4] 32,245	[4] 35,891	30,599	31,306
Additional area existing works were capable of supplying with water	1,000 acres	5,852	6,829	6,554	7,052
Additional irrigable area in enterprises, not supplied with water	1,000 acres	[4] 17,812	[4] 16,699	11,052	10,302
Investment in irrigation enterprises	1,000 dollars	321,454	697,657	892,756	1,052,049
Increase over preceding census	percent	359.2	117.0	28.0	17.8
Average per acre based on area works were capable of supplying with water	dollars	15.85	26.81	34.20	37.50
Increase over preceding census	percent	----------	69.1	27.6	9.6
Estimated completed cost of existing enterprises	1,000 dollars	437,949	819,778	1,015,108	1,126,546
Average per acre based on irrigable area in enterprises	dollars	[4] 13.58	[4] 22.84	33.17	35.99
Average annual cost per acre irrigated for maintenance and operation of irrigation works	dollars	[5] 1.07	2.43	2.77	2.28

[1] Represents redeterminations and therefore differs from figures shown for earlier years.
[2] From Census of Agriculture. [3] Not available.
[4] Relates to total area in enterprises; irrigable areas not reported.
[5] Excludes cost of operation and maintenance for rice-growing districts in Gulf States; consequently figure is not comparable with those for later years.

Source: Department of Commerce, Bur. of Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.

No. 630.—Irrigated and Nonirrigated Farms—Number, Acreage, and Value, by Tenure of Operator: 1940

[Data are for the 17 Western States and Arkansas and Louisiana from Census of Agriculture returns]

ITEM	Number of farms	Land in farms	CROPLAND HARVESTED, 1939		Irrigated pasture, 1939	VALUE OF—		
			Total	Irrigated [1]		Farms (land and buildings)	Buildings	Implements and machinery
		Thousands of acres				*Thousands of dollars*		
All farms	1,897,845	629,050	143,844	15,067	2,749	12,803,166	2,555,506	1,095,720
Owners and managers	1,076,457	459,429	84,360	11,006	2,318	8,783,602	1,850,916	737,899
Tenants	821,388	169,621	59,484	4,062	432	4,019,564	704,590	357,821
Irrigated farms, total	*291,655*	*112,601*	*19,711*	15,067	2,749	3,467,117	629,915	283,024
Owners and managers	221,639	97,503	14,493	11,006	2,318	2,784,525	529,180	217,718
Tenants	70,016	15,099	5,218	4,062	432	682,592	100,735	65,307
Wholly irrigated, total	*219,614*	*65,985*	*11,995*	*11,995*	*2,071*	*2,366,971*	*448,860*	*191,640*
Owners and managers	168,131	57,316	8,744	8,744	1,746	1,897,180	377,501	146,132
Tenants	51,483	8,669	3,251	3,251	326	469,791	71,358	45,509
Partly irrigated, total	72,041	46,617	7,716	3,072	678	1,100,145	181,056	91,384
Owners and managers	53,508	40,187	5,749	2,261	572	887,345	151,679	71,586
Tenants	18,533	6,430	1,967	811	106	212,801	29,377	19,798
Nonirrigated farms	1,606,190	516,449	124,132	--------	--------	9,336,050	1,925,590	812,696

[1] Excludes irrigated fallow land or land in irrigated crops that failed.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.

No. 631.—Irrigation Enterprises—Area Irrigated, 1919, 1929, and 1939, and Area Irrigation Works Were Capable of Supplying With Water, 1930 and 1940, by States and by Principal Drainage Basins

[Data are for the 17 Western States and Arkansas and Louisiana. Minus sign (—) denotes decrease]

State or drainage basin	Area irrigated				Increase 1929–1939	Area works were capable of supplying with water	
	1919	1929	1939				
			Total	Proportion of total		1930	1940
STATE							
	Acres	*Acres*	*Acres*	*Percent*	*Percent*	*Acres*	*Acres*
Total for 19 States	19,191,716	19,547,544	21,003,739	100.0	7.4	26,101,890	28,055,248
Arizona	467,565	575,590	653,263	3.1	13.5	824,152	844,212
Arkansas	143,946	151,787	161,601	.8	6.5	209,942	287,765
California	4,219,040	4,746,632	5,069,568	24.3	6.8	6,815,250	7,398,576
Colorado	3,348,385	3,393,619	3,220,685	15.3	—5.1	4,078,712	3,913,542
Idaho	2,488,806	2,181,250	2,277,857	10.8	4.4	2,617,021	2,593,534
Kansas	47,312	71,290	99,980	.5	40.2	83,583	142,409
Louisiana	454,882	450,901	447,095	2.1	—.8	795,165	759,915
Montana	1,681,729	1,594,912	1,711,409	8.1	7.3	2,276,000	2,344,390
Nebraska	442,690	532,617	610,379	2.9	14.6	703,641	992,957
Nevada	561,447	486,648	739,863	3.5	52.0	736,249	841,304
New Mexico	538,377	527,033	554,039	2.6	5.1	656,669	731,990
North Dakota	12,072	9,392	21,615	.1	130.1	24,006	36,522
Oklahoma	2,969	1,573	4,160	(1)	164.5	7,331	8,624
Oregon	986,162	898,713	1,049,176	5.0	16.7	1,158,210	1,261,081
South Dakota	100,682	67,107	60,198	.3	—10.3	109,550	121,847
Texas	586,120	798,917	1,045,224	5.0	30.8	1,177,415	1,773,812
Utah	1,371,651	1,324,125	1,176,116	5.6	—11.2	1,542,475	1,357,714
Washington	529,899	499,283	615,013	2.9	23.2	631,511	731,527
Wyoming	1,207,982	1,236,155	1,486,498	7.1	20.3	1,655,008	1,913,527
PRINCIPAL DRAINAGE BASIN							
Red River (of the North)	----------	2,099	4,493	(1)	114.1	2,099	7,980
Missouri River	4,147,278	4,185,180	4,410,385	21.0	5.4	5,472,012	5,942,958
Mississippi River, exclusive of Missouri River	958,493	902,560	927,594	4.4	2.8	1,170,583	1,350,911
Gulf of Mexico streams other than Mississippi River and Rio Grande	698,077	662,958	902,392	4.3	36.1	1,221,997	1,520,796
Rio Grande	1,312,855	1,564,725	1,521,578	7.2	—2.8	1,914,781	2,177,705
Colorado River	2,326,690	2,537,124	2,638,120	12.6	4.0	3,335,914	3,367,744
Whitewater Draw and Vamori Wash [2]	5,871	3,301	8,498	(1)	157.4	4,753	13,462
Great Basin Drainage	2,277,651	2,036,033	2,073,727	9.9	1.9	2,536,492	2,381,171
Columbia River	3,873,245	3,393,640	3,819,738	18.2	12.6	4,241,244	4,426,367
Klamath River	153,105	187,991	271,038	1.3	44.2	264,949	310,560
Sacramento-San Joaquin Delta and tributary streams	2,744,644	3,157,132	3,393,882	16.2	7.5	4,795,836	5,132,597
Pacific Ocean streams, other than Colorado, Columbia, and Klamath Rivers and Sacramento-San Joaquin Delta and tributary streams	693,807	914,801	1,032,294	4.9	12.8	1,141,230	1,422,997

[1] Less than 1/10 of 1 percent.
[2] Data for censuses of 1920 and 1930 are for Whitewater Draw and unidentified tributaries, and exclude independent basin, Vamori Wash.

Source: Department of Commerce, Bureau of the Census: Sixteenth Census Reports, Irrigation of Agricultural Lands.

No. 632.—Irrigation Enterprises—Capital Invested, 1920, 1930, and 1940, and Average Investment per Acre, 1930 and 1940, by States and by Principal Drainage Basins

[Data are for the 17 Western States and Arkansas and Louisiana. Minus sign (—) denotes decrease]

State or drainage basin	Capital invested					Average per acre works were capable of supplying with water [1]		Increase per acre 1930–1940
	1920	1930	1940		Increase 1930–1940			
			Total	Proportion of total		1930	1940	
State								
Total for 19 States	*Dollars* 697, 657, 328	*Dollars* 892, 755, 790	*Dollars* 1, 052, 049, 201	*Per cent* 100. 0	*Per cent* 17. 8	*Dollars* 34. 20	*Dollars* 37. 50	*Dollars* 3. 30
Arizona	33, 498, 094	73, 328, 197	83, 526, 608	7. 9	13. 9	88. 97	98. 94	9. 97
Arkansas	7, 183, 322	6, 836, 648	5, 766, 895	. 5	—15. 6	32. 56	20. 04	—12. 52
California	194, 886, 388	310, 967, 979	318, 889, 218	30. 3	2. 5	45. 63	43. 10	—2. 53
Colorado	88, 302, 442	87, 603, 240	106, 849, 343	10. 2	22. 0	21. 48	27. 30	5. 82
Idaho	91, 501, 009	84, 500, 354	102, 585, 798	9. 8	21. 4	32. 29	39. 55	7. 26
Kansas	2, 067, 381	1, 685, 652	2, 153, 886	. 2	27. 8	20. 17	15. 12	—5. 05
Louisiana	14, 063, 181	15, 744, 743	11, 565, 513	1. 1	—26. 5	19. 80	15. 22	—4. 58
Montana	52, 143, 363	50, 319, 204	67, 352, 505	6. 4	33. 9	22. 11	28. 73	6. 62
Nebraska	13, 909, 185	21, 386, 319	39, 056, 207	3. 7	82. 6	30. 39	39. 33	8. 94
Nevada	14, 754, 280	15, 457, 931	16, 906, 790	1. 6	9. 4	21. 00	20. 10	—. 90
New Mexico	18, 210, 412	19, 834, 380	32, 735, 997	3. 1	65. 0	30. 20	44. 72	14. 52
North Dakota	1, 857, 118	1, 267, 314	1, 755, 489	. 2	38. 5	52. 79	48. 07	—4. 72
Oklahoma	151, 325	160, 099	272, 186	(2)	70. 0	21. 84	31. 56	9. 72
Oregon	28, 929, 151	38, 754, 548	50, 961, 251	4. 8	31. 5	33. 46	40. 41	6. 95
South Dakota	5, 465, 248	4, 502, 117	5, 395, 610	. 5	19. 8	41. 10	44. 28	3. 18
Texas	35, 072, 739	49, 022, 164	66, 441, 376	6. 3	35. 5	41. 64	37. 46	—4. 18
Utah	32, 037, 351	35, 669, 819	41, 896, 532	4. 0	17. 5	23. 13	30. 86	7. 73
Washington	29, 299, 011	40, 561, 895	56, 415, 196	5. 4	39. 1	64. 23	77. 12	12. 89
Wyoming	34, 326, 328	35. 153, 187	41, 522, 801	4. 0	18. 1	21. 24	21. 70	. 46
Principal drainage basin								
Red River (of the North)	----------	20, 925	130, 566	(2)	524. 0	9. 97	16. 36	6. 39
Missouri River	131, 553, 106	136, 506, 721	179, 750, 238	17. 1	31. 7	24. 95	30. 25	5. 30
Mississippi River, exclusive of Missouri River	35, 183, 789	31, 831, 673	37, 101, 932	3. 5	16. 6	27. 19	27. 46	. 27
Gulf of Mexico streams other than Mississippi River and Rio Grande	29, 439, 808	28, 578, 193	30, 498, 361	2. 9	6. 7	23. 39	20. 05	—3. 34
Rio Grande	34, 824, 111	53, 748, 608	80, 563, 998	7. 7	49. 9	28. 07	36. 99	8. 92
Colorado River	88, 939, 884	132, 350, 247	155, 800, 882	14. 8	17. 7	39. 67	46. 26	6. 59
Whitewater Draw and Vamori Wash.[3]	299, 368	230, 606	226, 627	(2)	—1. 7	48. 52	16. 83	—31. 69
Great Basin Drainage	62, 207, 175	67, 579, 074	59, 698, 865	5. 7	—11. 7	26. 64	25. 07	—1. 57
Columbia River	145, 672, 382	157, 355, 114	206, 523, 302	19. 6	31. 2	37. 10	46. 66	9. 56
Klamath River	5, 502, 890	9, 430, 566	10, 430, 941	1. 0	10. 6	35. 59	33. 59	—2. 00
Sacramento-San Joaquin Delta and tributary streams	100, 527, 759	164, 628, 093	171, 004, 939	16. 3	3. 9	34. 33	33. 32	—1. 01
Pacific Ocean streams, other than Colorado, Columbia, and Klamath Rivers and Sacramento-San Joaquin Delta and tributary streams	63, 507, 056	110, 495, 970	120, 318, 550	11. 4	8. 9	96. 82	84. 55	—12. 27

[1] Based on primary acreage and total capital invested.
[2] Less than 1/10 of 1 percent.
[3] Data for censuses of 1920 and 1930 are for Whitewater Draw and unidentified tributaries, and exclude the independent basin, Vamori Wash.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.

No. 633.—Irrigation Enterprises—Area Irrigated, Area Works Were Capable of Supplying With Water, Capital Invested, and Average Investment Per Acre, by Type of Enterprise: 1920, 1930, and 1940

[Data are for the 17 Western States and Arkansas and Louisiana. Minus sign (—) denotes decrease]

Type of enterprise	Census of—							
	1920, all enterprises	1930		1940				
		All enterprises	Proportion of total	All enterprises	Proportion of total	Increase 1930-1940	Primary enterprises [1]	Supplemental enterprises [1]
	Area irrigated							
	Acres	*Acres*	*Percent*	*Acres*	*Percent*	*Percent*	*Acres*	*Acres*
Total	19,191,716	19,547,544	100.0	21,003,739	100.0	7.4	21,003,739	3,287,210
Individual and partnership	6,848,807	6,410,581	32.8	7,314,152	34.8	14.1	7,314,152	596,171
Cooperatives	6,581,400	6,271,334	32.1	6,652,488	31.7	6.1	6,652,488	858,388
Irrigation district	1,822,887	3,452,275	17.7	3,514,702	16.7	1.8	3,514,702	211,470
Commercial	1,822,001	1,230,763	6.3	1,017,781	4.8	—17.3	1,017,781	128,238
U. S. Bureau of Reclamation	1,254,569	1,485,028	7.6	1,824,004	8.7	22.8	1,824,004	1,460,470
U. S. Office of Indian Affairs	284,551	331,840	1.7	515,765	2.5	55.4	515,765	----------
All other [2]	577,501	365,723	1.8	164,847	.8	—54.9	164,847	32,473
	Area works were capable of supplying with water							
Total	26,020,477	26,101,890	100.0	28,055,248	100.0	7.5	28,055,248	4,268,394
Individual and partnership	9,255,756	7,982,142	30.6	9,633,198	34.3	20.7	9,633,198	798,308
Cooperatives	8,403,298	7,861,081	30.1	7,996,236	28.5	1.7	7,996,236	990,411
Irrigation district	2,531,425	4,846,095	18.6	4,969,395	17.7	2.5	4,969,395	451,677
Commercial	2,799,563	2,160,950	8.3	1,961,202	7.0	—9.2	1,961,202	232,804
U. S. Bureau of Reclamation	1,680,643	1,944,825	7.4	2,349,967	8.4	20.8	2,349,967	1,762,721
U. S. Office of Indian Affairs	484,486	739,446	2.8	802,996	2.9	8.6	802,996	----------
All other [2]	865,306	567,351	2.2	342,254	1.2	—39.7	342,254	32,473
	Capital invested							
	Dollars	*Dollars*	*Percent*	*Dollars*	*Percent*	*Percent*	*Dollars*	*Dollars*
Total	697,657,328	892,755,790	100.0	1,052,049,201	100.0	17.8	963,888,263	88,160,938
Individual and partnership	154,634,169	187,867,180	21.0	187,382,730	17.8	—.3	170,368,731	17,013,999
Cooperatives	183,041,500	179,329,962	20.1	224,140,876	21.3	25.0	205,082,550	19,058,326
Irrigation district	88,573,514	210,733,476	23.6	265,737,810	25.3	26.1	260,701,900	5,035,910
Commercial	85,735,470	62,351,714	7.0	66,243,823	6.3	6.2	59,250,003	6,993,820
U. S. Bureau of Reclamation	129,509,819	193,989,576	21.7	250,245,359	23.8	29.0	211,046,133	39,199,226
U. S. Office of Indian Affairs	14,851,236	31,576,920	3.5	48,420,058	4.6	53.3	48,420,058	----------
All other [2]	41,311,620	26,906,962	3.1	9,878,545	.9	—63.3	9,018,888	859,657
	Average investment per acre works were capable of supplying with water							
Total	26.81	34.20	--------	37.50	--------	9.6	34.36	20.65
Individual and partnership	16.71	23.54	--------	(3)	--------	(3)	17.69	21.31
Cooperatives	21.78	22.81	--------	(3)	--------	(3)	25.65	19.24
Irrigation district	34.99	43.49	--------	(3)	--------	(3)	52.46	11.15
Commercial	30.62	28.85	--------	(3)	--------	(3)	30.21	30.04
U. S. Bureau of Reclamation	77.06	99.75	--------	(3)	--------	(3)	89.81	22.24
U. S. Office of Indian Affairs	30.65	42.70	--------	60.30	--------	41.2	60.30	----------
All other [2]	47.74	47.43	--------	(3)	--------	(3)	26.35	26.47

[1] Areas shown under "Supplemental enterprises" are parts of areas shown under "Primary enterprises" and therefore are not added again into totals.
[2] Includes State, City, and/or Sewage, and other enterprises.
[3] Not computed for types having investments in supplemental enterprises because areas served with supplemental water were not identified.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.

No. 634.—Irrigation Enterprises—Number, Area Irrigated, Area Works Were Capable of Supplying With Water, and Capital Invested, With Specified Averages, by Source of Water Supply: 1940

[Data are for the 17 Western States and Arkansas and Louisiana]

Source of water supply	Enterprises	Area irrigated [1]	Area works were capable of supplying with water [1]	Capital invested	Average per acre— Investment [2]	Maintenance and operation [3]	Quantity of water delivered [4]	Cost of water	Average cost of water delivered per acre-foot [4]
	Number	*Acres*	*Acres*	*1,000 dollars*	*Dollars*	*Dollars*	*Acre-feet*	*Dollars*	*Dollars*
Total	91,637	21,003,739	28,055,248	1,052,049	37.50	2.28	3.0	3.28	1.11
Primary sources:									
Streams, gravity	25,726	13,063,955	16,811,045	441,279	26.25	.84	2.6	1.18	.45
Streams, pumped	5,915	1,724,800	2,761,219	81,236	29.42	3.81	3.2	4.39	1.39
Streams, gravity and pumped	344	1,266,148	1,796,105	138,542	77.13	2.23	4.0	2.72	.68
Wells, pumped	38,715	2,508,076	3,621,991	139,675	38.56	6.92	2.6	7.28	2.84
Wells, flowing	1,398	41,481	50,222	1,706	33.98	1.01	2.6	1.06	.40
Wells, pumping and flowing	163	20,835	24,850	1,855	74.66	7.96	2.6	8.93	3.47
Lakes, gravity	149	25,659	44,805	1,248	27.86	1.06	3.1	1.31	.43
Lakes, pumped	354	45,831	70,318	1,865	26.52	3.40	1.8	3.32	1.86
Springs	3,432	210,373	253,493	3,357	13.24	.83	2.3	.93	.41
Springs and streams	995	230,004	287,297	4,053	14.11	.51	2.3	.64	.29
Stored storm water	434	21,399	33,217	638	19.20	1.12	1.4	1.20	.87
City water	184	10,837	14,372	540	37.57	4.66	3.5	5.71	1.64
Sewage	53	5,260	6,447	210	32.50	2.41	2.7	2.39	.90
Streams, gravity; wells, pumped	580	1,252,329	1,533,861	111,875	72.94	3.56	2.5	4.30	1.73
Streams, gravity; wells, flowing	111	71,571	81,553	1,715	21.03	.70	1.4	.87	.65
Streams, pumped; wells, pumped	437	172,636	225,108	19,194	85.27	6.19	2.4	6.46	2.70
Waste water, seepage or drainage	770	65,613	113,393	699	6.17	1.45	2.1	1.46	.70
Other mixed	741	266,932	325,952	14,201	43.57	2.44	2.8	2.83	1.01
Other and not reported	1						--------	--------	--------
Supplemental sources:									
Streams, gravity and/or storage	718	2,736,6^6	3,531,553	69,896	19.79	.31	1.3	.46	.35
Streams, pumped	231	25,6:4	35,357	1,623	45.89	4.64	2.7	3.55	1.33
Wells, pumped	10,066	518,429	693,540	16,525	23.83	3.86	1.9	3.83	2.06
Wells, flowing	120	6,441	7,944	117	14.75	.24	1.3	.27	.22

[1] Areas shown under "Supplemental sources" are parts of areas shown under "Primary sources" and therefore are not added again into total. [2] Based on area works were capable of supplying with water.
[3] Based on irrigated area in enterprises reporting cost of maintenance and operation.
[4] Based on enterprises reporting both quantity and cost of water, assuming (a) that for enterprises serving 1 to 4 units cost of water is cost of maintenance and operation, and for enterprises serving 5 or more units it is total annual charges, and (b) that enterprises reporting cost and quantity of water had used same quantity of water per acre as all enterprises which reported water delivered.

No. 635.—Irrigation Enterprises—Cost of Maintenance and Operation, by States: 1929 and 1939

[Data are for the 17 Western States and Arkansas and Louisiana]

State	Cost of maintenance and operation: Irrigated area in enterprises reporting maintenance and operation (acres) 1929, all enterprises	1939 Primary	1939 Supplemental	Reported cost, 1939 (dollars) Primary	Supplemental	Average per acre irrigated (dollars) 1929, all enterprises	1939 Primary	1939 Supplemental
Total for 19 States	18,690,184	20,193,761	2,983,963	43,172,526	2,828,094	2.77	2.14	0.95
Arizona	561,605	630,942	14,463	3,101,467	50,715	4.57	4.92	3.51
Arkansas	147,921	153,346	231	835,891	1,201	7.03	5.45	5.20
California	4,538,579	4,831,550	439,235	21,229,685	1,620,218	6.10	4.39	3.69
Colorado	3,235,629	3,128,787	608,498	2,035,680	498,440	.85	.65	.82
Idaho	2,109,087	2,219,486	889,254	2,256,798	202,690	1.44	1.02	.23
Kansas	64,983	99,033	13,628	227,076	29,689	1.53	2.29	2.18
Louisiana	431,337	436,931	2,434	1,589,007	3,683	4.09	3.64	1.51
Montana	1,476,854	1,650,373	168,762	1,180,189	20,908	.87	.72	.12
Nebraska	524,260	602,582	171,448	839,682	119,770	1.54	1.39	.70
Nevada	474,422	688,722	84,722	293,859	38,705	.91	.43	.46
New Mexico	493,229	516,916	5,083	1,082,768	10,142	2.15	2.09	2.00
North Dakota	8,773	21,290	--------	30,072	--------	1.97	1.41	--------
Oklahoma	935	3,869	--------	12,973	--------	7.62	3.35	--------
Oregon	863,685	982,940	97,643	1,157,018	71,049	1.41	1.18	.73
South Dakota	65,783	56,426	--------	71,986	--------	1.33	1.28	--------
Texas	772,160	1,002,202	51,197	3,865,224	32,666	4.74	3.86	.64
Utah	1,301,098	1,144,100	322,055	881,814	84,981	1.00	.77	.26
Washington	487,977	602,414	22,296	1,673,992	11,314	4.14	2.78	.51
Wyoming	1,131,867	1,421,852	93,014	807,345	31,923	.84	.57	.34

Source of tables 634 and 635: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.

No. 636.—Irrigation Enterprises, Primary and Supplemental, by Specified Groups of Irrigated Units, Area Irrigated, and Cost of Irrigation Works and Equipment: 1940

[Data are for the 17 Western States and Arkansas and Louisiana]

Item	Enterprises	Irrigated units	Area irrigated	Capital invested	Average per acre: Investment [1]	Average per acre: Annual charges [2]
PRIMARY ENTERPRISES						
	Number	*Number*	*Acres*	*Dollars*	*Dollars*	*Dollars*
Total	80, 502	430, 022	21, 003, 739	963, 888, 263	34. 36	1. 98
Irrigated units, 1939:						
No units [3]	2, 227	----------	----------	12, 153, 234	29. 71	. 32
1 unit	66, 269	66, 269	5, 832, 007	140, 428, 110	18. 45	----------
2 to 4 units	6, 567	16, 297	1, 244, 689	27, 297, 580	16. 89	----------
5 to 24 units	3, 572	36, 782	2, 371, 642	65, 530, 535	21. 51	1. 40
25 to 99 units	1, 253	59, 464	2, 769, 280	96, 274, 601	25. 41	1. 62
100 to 999 units	564	141, 640	5, 448, 420	385, 076, 346	51. 77	2. 19
1,000 units and more	50	109, 570	3, 337, 701	237, 127, 857	57. 20	2. 32
Acres irrigated, 1939:						
No acres [3]	2, 227	----------	----------	12, 153, 234	29. 71	. 32
1 to 99 acres	57, 207	68, 421	1, 627, 740	80, 654, 407	31. 80	6. 98
100 to 299 acres	12, 906	31, 288	2, 125, 032	53, 708, 037	19. 30	3. 95
300 to 1,799 acres	6, 619	68, 498	4, 265, 380	100, 787, 171	19. 31	1. 71
1,800 to 7,499 acres	1, 185	76, 042	4, 059, 903	151, 913, 671	28. 09	1. 96
7,500 to 74,999 acres	340	137, 688	6, 522, 638	435, 698, 244	49. 67	2. 02
75,000 acres and more	18	48, 085	2, 403, 046	128, 973, 499	44. 07	1. 92
Cost of irrigation works and equipment:						
Less than $5,000	69, 573	103, 514	5, 635, 965	78, 081, 210	10. 75	. 59
$5,000 to $14,999	7, 536	34, 500	2, 413, 431	57, 691, 158	19. 37	. 97
$15,000 to $99,999	2, 574	57, 831	3, 187, 634	84, 340, 652	20. 27	1. 49
$100,000 to $1,499,999	708	108, 468	4, 546, 857	267, 736, 289	40. 53	2. 52
$1,500,000 to $9,999,999	108	118, 139	4, 880, 522	423, 641, 958	63. 72	2. 01
$10,000,000 and more	3	7, 570	339, 330	52, 396, 996	131. 42	3. 95
SUPPLEMENTAL ENTERPRISES						
Total	11, 135	61, 794	3, 287, 210	88, 160, 938	20. 65	. 54
Irrigated units, 1939:						
No units [3]	805	----------	----------	4, 531, 859	22. 01	. 26
1 unit	9, 563	9, 563	513, 281	14, 434, 239	22. 66	----------
2 to 4 units	552	1, 283	67, 384	1, 269, 112	15. 47	----------
5 to 24 units	84	1, 011	125, 186	1, 889, 114	12. 91	. 41
25 to 99 units	66	3, 514	340, 926	7, 262, 672	18. 45	. 69
100 to 999 units	53	13, 297	882, 426	26, 870, 792	24. 19	. 80
1,000 units and more	12	33, 126	1, 358, 007	31, 903, 150	18. 85	. 30
Acres irrigated, 1939:						
No acres [3]	805	----------	----------	4, 531, 859	22. 01	. 26
1 to 99 acres	8, 679	9, 161	271, 662	9, 244, 631	26. 06	5. 25
100 to 299 acres	1, 246	1, 764	196, 058	4, 008, 814	17. 10	2. 07
300 to 1,799 acres	275	2, 506	160, 426	4, 415, 179	20. 50	1. 72
1,800 to 7,499 acres	70	5, 384	255, 111	6, 339, 066	22. 38	. 90
7,500 to 74,999 acres	53	19, 366	1, 100, 378	36, 208, 445	24. 54	. 71
75,000 acres and more	7	23, 613	1, 303, 575	23, 412, 944	15. 62	. 24
Cost of irrigation works and equipment:						
Less than $5,000	10, 486	11, 413	525, 459	11, 522, 414	16. 79	. 37
$5,000 to $14,999	437	2, 190	161, 264	3, 308, 622	16. 39	. 34
$15,000 to $99,999	137	5, 581	271, 390	5, 175, 441	15. 00	. 74
$100,000 to $1,499,999	64	13, 986	1, 051, 041	34, 092, 181	22. 35	. 76
$1,500,000 to $9,999,999	11	28, 624	1, 278, 056	34, 062, 280	22. 55	. 29

[1] Based on acreage works were capable of supplying with water.
[2] Based on acreage assessed by enterprises serving 5 units or more.
[3] Relates to enterprises reporting no irrigation in 1939 but having works capable of supplying water in 1940.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.

No. 637.—Irrigation Enterprises—Dams, Reservoirs, Canals, Pipe Lines, and Flowing Wells, by States and by Principal Drainage Basins: 1940

[Data are for the 17 Western States and Arkansas and Louisiana]

STATE OR DRAINAGE BASIN	DAMS		RESERVOIRS		CANALS		Pipe lines	WELLS FLOWING	
	Diversion	Storage	Total	Capacity	Length	Capacity at main heading		Total	Yield
STATE	*Number*	*Number*	*Number*	*Acre-feet*	*Miles*	*Sec.-feet*	*Miles*	*Number*	*Gals. per min.*
Total for 19 States	34,544	4,607	7,709	33,787,382	127,533.7	612,021	28,584.9	4,641	555,073
Arizona	602	199	333	4,860,898	4,178.2	13,258	344.3	268	22,878
Arkansas	6	27	24	31,992	77.9	270	13.0	------	------
California	2,714	709	2,652	3,581,621	19,799.1	91,776	22,690.2	436	34,767
Colorado	4,792	1,015	1,071	2,071,522	19,864.0	139,780	245.1	886	54,859
Idaho	3,209	260	290	3,795,272	13,602.1	71,510	299.9	375	40,165
Kansas	102	40	80	32,584	292.5	3,347	24.1	24	1,453
Louisiana	105	114	75	34,199	2,421.0	10,335	63.6	502	12,695
Montana	6,136	468	517	1,301,422	15,702.5	66,745	148.1	44	9,834
Nebraska	351	156	164	2,306,159	3,331.3	14,256	126.1	19	370
Nevada	1,896	122	200	696,005	2,897.2	22,930	104.7	322	39,835
New Mexico	1,072	141	502	3,280,550	4,647.9	16,821	36.5	268	181,076
North Dakota	19	14	14	3,946	159.2	616	3.8	------	------
Oklahoma	8	21	20	900	42.2	277	24.4	------	------
Oregon	5,097	247	257	2,212,315	8,518.0	37,290	665.2	76	3,396
South Dakota	258	74	82	209,785	1,049.3	1,948	17.3	19	5,377
Texas	244	194	542	1,405,024	5,936.1	24,813	923.1	100	39,508
Utah	1,973	362	438	3,417,704	9,004.5	34,579	172.5	1,216	83,838
Washington	1,755	125	114	1,165,527	4,248.6	15,104	2,612.7	50	21,192
Wyoming	4,205	319	334	3,379,957	11,762.1	46,366	70.3	36	3,830
PRINCIPAL DRAINAGE BASIN									
Red River (of the North)	5	2	2	720	23.9	365	1.9	------	------
Missouri River	8,897	1,237	1,332	6,715,271	31,131.1	148,255	400.6	79	9,915
Mississippi River, exclusive of Missouri River	959	360	425	1,608,164	4,838.6	49,858	174.5	47	4,263
Gulf of Mexico streams other than Mississippi River and Rio Grande	196	204	436	334,176	4,569.8	18,860	221.0	576	43,504
Rio Grande	1,450	162	567	3,864,857	8,702.9	43,851	774.3	1,136	240,308
Colorado River	4,391	840	1,030	5,717,080	20,894.1	81,033	919.0	463	48,584
Whitewater Draw and Vamori Wash	158	6	18	74	26.0	484	4.9	6	765
Great Basin Drainage	4,263	462	766	3,781,538	10,757.6	57,949	984.7	1,698	118,499
Columbia River	11,208	590	614	7,517,123	27,535.0	121,457	3,181.4	374	65,579
Klamath River	670	52	60	1,165,143	1,904.3	9,179	52.8	3	42
Sacramento-San Joaquin Delta and tributary streams	1,497	358	1,310	2,681,435	15,202.8	72,735	7,437.1	47	3,403
Pacific Ocean streams, other than the Colorado, Columbia, and Klamath Rivers and Sacramento-San Joaquin Delta and tributary streams	850	334	1,149	401,801	1,947.6	7,995	14,432.7	212	20,211

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.

No. 638.—Irrigation Enterprises—Number and Yield of Pumped Wells, Capacity of Prime Movers, Number and Capacity of Pumps, and Average Pumping Lift, by States and by Principal Drainage Basins: 1940

[Data are for the 17 Western States and Arkansas and Louisiana]

STATE OR DRAINAGE BASIN	PUMPED WELLS				PUMPING PLANTS					Average pumping lift
	Total		Yield		Capacity of prime movers		Pumps			
								Capacity		
	Total	Proportion of total	Total	Proportion of total	Total	Proportion of total	Total	Total	Proportion of total	
STATE	*Number*	*Percent*	*Gals. per min.*	*Percent*	*Hp.*	*Percent*	*Number*	*Gals. per min.*	*Percent*	*Feet*
Total for 19 States	68,279	100.0	43,355,271	100.0	1,762,687	100.0	78,528	75,802,998	100.0	51
Arizona	1,858	2.7	2,508,337	5.8	102,733	5.8	1,969	2,992,986	3.9	60
Arkansas	1,534	2.2	1,812,647	4.2	76,048	4.3	1,633	2,013,697	2.7	61
California	48,568	71.1	28,297,969	65.3	968,351	54.9	52,016	39,147,470	51.7	55
Colorado	2,878	4.2	1,929,798	4.5	49,157	2.8	2,818	2,263,375	3.0	32
Idaho	309	.5	225,164	.5	44,537	2.5	675	2,719,905	3.6	26
Kansas	1,638	2.4	863,663	2.0	26,796	1.5	1,259	1,231,482	1.6	35
Louisiana	1,504	2.2	1,526,613	3.5	85,574	4.9	2,403	6,453,487	8.5	32
Montana	102	.1	33,883	.1	29,110	1.7	680	1,309,014	1.7	21
Nebraska	2,412	3.5	2,053,184	4.7	53,572	3.0	2,848	2,528,669	3.3	32
Nevada	167	.2	50,938	.1	2,262	.1	196	141,065	.2	31
New Mexico	1,487	2.2	1,143,276	2.6	40,110	2.3	1,559	1,309,005	1.7	44
North Dakota	11	(1)	378	(1)	1,253	.1	83	104,158	.1	17
Oklahoma	77	.1	15,486	(1)	1,037	.1	116	59,280	.1	36
Oregon	901	1.3	209,289	.5	29,527	1.7	2,265	1,510,958	2.0	27
South Dakota	16	(1)	1,039	(1)	2,060	.1	127	103,050	.1	20
Texas	3,396	5.0	2,213,230	5.1	195,061	11.1	4,754	9,916,225	13.1	63
Utah	286	.4	122,528	.3	14,216	.8	409	835,862	1.1	35
Washington	1,041	1.5	287,327	.7	37,131	2.1	2,488	953,751	1.3	47
Wyoming	94	.1	60,522	.1	4,152	.2	230	209,559	.3	90
PRINCIPAL DRAINAGE BASIN										
Red River (of the North)	------	------	------	------	274	(1)	16	26,045	(1)	21
Missouri River	4,760	7.0	3,633,499	8.4	117,173	6.6	5,994	5,733,010	7.6	32
Mississippi River, exclusive of Missouri River	4,428	6.5	3,493,820	8.1	145,750	8.3	4,190	4,275,330	5.6	57
Gulf of Mexico streams other than Mississippi River and Rio Grande	4,158	6.1	3,210,783	7.4	208,930	11.9	5,697	11,646,141	15.4	50
Rio Grande	1,712	2.5	1,291,071	3.0	76,569	4.3	2,353	5,486,952	7.2	42
Colorado River	2,395	3.5	2,758,983	6.4	117,403	6.7	2,640	3,616,220	4.8	54
Whitewater Draw and Vamori Wash	142	.2	45,537	.1	2,070	.1	144	63,344	.1	57
Great Basin Drainage	1,306	1.9	653,078	1.5	39,973	2.3	1,448	1,514,746	2.0	71
Columbia River	1,972	2.9	687,639	1.6	105,911	6.0	4,439	4,609,862	6.1	39
Klamath River	56	.1	29,509	.1	6,854	.4	224	506,460	.7	26
Sacramento-San Joaquin Delta and tributary streams	32,418	47.4	20,042,293	46.1	552,193	31.3	34,831	29,694,592	39.1	42
Pacific Ocean streams, other than the Colorado, Columbia, and Klamath Rivers and Sacramento-San Joaquin Delta and tributary streams	14,932	21.9	7,509,059	17.3	389,587	22.1	16,552	8,630,296	11.4	80

[1] Less than 1/10 of 1 percent.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.

No. 639.—Irrigated Land in Farms, by States: 1939 and 1944

[In 1940, the schedule called for land from which irrigated crops were harvested in 1939, and for land irrigated in 1939 and used for grazing or pasture; in 1945, for total land in farms irrigated in 1944]

Division and State	Farms reporting		Acres irrigated	
	1939	1944	1939	1944
United States	**299,604**	**288,195**	**17,982,830**	**20,539,470**
The North	13,656	12,448	667,820	861,979
The South	32,639	29,008	1,601,384	2,372,296
The West	253,309	246,739	15,713,626	17,305,195
New England	**338**	**922**	**2,846**	**12,153**
Maine	33	3	143	100
New Hampshire	7	10	25	63
Vermont	----------	2	----------	6
Massachusetts	231	874	2,049	11,355
Rhode Island	10	9	109	133
Connecticut	57	24	520	496
Middle Atlantic	**1,446**	**1,415**	**17,260**	**30,792**
New York	567	646	5,948	10,316
New Jersey	580	675	7,956	11,712
Pennsylvania	299	94	3,356	8,764
East North Central	**1,491**	**1,206**	**10,833**	**12,795**
Ohio	658	463	4,536	4,178
Indiana	136	123	685	830
Illinois	72	47	307	368
Michigan	462	347	2,960	2,850
Wisconsin	163	226	2,345	4,569
West North Central	**10,381**	**8,905**	**636,881**	**806,239**
Minnesota	216	27	2,968	210
Iowa	88	54	2,258	1,197
Missouri	140	118	960	1,113
North Dakota	479	206	19,975	22,814
South Dakota	967	708	54,073	52,895
Nebraska	6,913	7,156	473,775	631,762
Kansas	1,578	636	82,872	96,248
South Atlantic	**4,119**	**4,199**	**128,037**	**224,446**
Delaware	2	3	7	22
Maryland	17	8	67	287
District of Columbia	----------	16	----------	45
Virginia	53	31	687	1,419
West Virginia	23	11	270	42
North Carolina	37	19	246	229
South Carolina	14	5	411	62
Georgia	26	14	158	423
Florida	3,947	4,092	126,191	221,917
East South Central	**111**	**211**	**891**	**1,113**
Kentucky	46	34	205	230
Tennessee	21	21	311	393
Alabama	37	153	281	487
Mississippi	7	3	94	3
West South Central	**28,409**	**24,598**	**1,472,456**	**2,146,737**
Arkansas	1,529	2,229	159,412	288,665
Louisiana	7,037	7,185	413,969	535,619
Oklahoma	275	74	4,437	2,237
Texas	19,568	15,110	894,638	1,320,216
Mountain	**135,414**	**127,963**	**9,912,862**	**10,703,164**
Montana	15,087	12,997	1,587,602	1,555,480
Idaho	29,898	28,571	1,895,048	2,026,280
Wyoming	8,637	7,793	1,284,027	1,353,873
Colorado	29,766	28,054	2,467,548	2,698,579
New Mexico	15,811	14,299	436,492	534,640
Arizona	10,339	9,634	575,464	736,027
Utah	22,612	23,543	911,135	1,124,081
Nevada	3,264	3,072	755,636	674,204
Pacific	**117,895**	**118,776**	**5,800,764**	**6,602,031**
Washington	17,426	15,974	493,982	520,153
Oregon	16,159	15,597	1,030,228	1,129,059
California	84,310	87,205	4,276,554	4,952,819

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, special release on irrigated land in farms.

No. 640.—Specified Crops Grown on Irrigated and Nonirrigated Lands—Farms Reporting, Acreage, and Average Yield: 1939

[Data are for the 17 Western States and Arkansas and Louisiana. Yields for irrigated crops based on farms reporting entire crop irrigated; yields for nonirrigated crops based on farms reporting no irrigation for such crops]

Crop	Total farms reporting [1]	Irrigated			Unit of production	Nonirrigated		
		Farms reporting [1]	Acres	Average yield per acre		Farms reporting [1]	Acres	Average yield per acre
Total for listed crops	(2)	(2)	14,723,214			(2)	130,382,851	
Corn for all purposes	1,064,658	57,314	643,984			1,009,906	23,970,768	
Harvested for grain	937,943	42,711	455,838	29.7	Bushel	896,717	19,724,466	15.3
Cut for silage	48,198	7,614	99,845	7.7	Ton	40,800	934,234	2.7
Hogged or grazed off, or cut for fodder	162,075	10,428	88,301			151,728	3,312,068	
Sorghums for all purposes, except sirup	570,677	15,239	313,909			556,805	12,994,923	
Harvested for grain	190,345	6,518	144,516	30.4	Bushel	184,240	4,451,208	10.4
Cut for silage (green weight)	31,342	1,488	32,638	7.4	Ton	29,959	722,104	3.9
Cut for hay or fodder (dry weight)	474,195	8,762	136,755	2.0	do	466,103	7,821,611	1.1
Mixed grains (other than flax and wheat mixture), threshed	24,250	4,221	51,974	34.2	Bushel	20,069	538,134	14.4
Oats threshed or cut and fed unthreshed	421,401	38,824	494,494			383,194	9,654,551	
Oats threshed	360,689	35,676	454,331	38.3	Bushel	325,480	8,862,926	22.4
Oats cut and fed unthreshed	73,291	3,815	40,163			69,537	791,625	
Barley threshed	251,098	45,750	978,270	34.6	Bushel	206,479	6,891,679	16.6
Rye threshed	66,427	1,139	17,367	16.4	do	65,331	2,107,178	8.5
Flax threshed	22,586	1,147	93,170	18.1	do	21,469	656,064	6.5
Any wheat threshed	467,346	57,477	905,531			412,363	36,287,769	
Winter wheat threshed	292,760	12,797	353,846	23.2	Bushel	281,060	23,919,166	13.4
Spring wheat threshed	187,482	46,273	551,685	28.3	do	142,327	12,368,603	10.6
Rice (rough or paddy), threshed	8,505	8,447	848,292	51.5	do	68	171	22.5
All hay [3]	806,508	(2)	6,447,922			(2)	16,707,869	
Annual legumes saved for hay	122,248	919	10,524	1.8	Ton	121,357	928,119	1.0
Alfalfa hay	281,688	136,096	3,651,859	2.6	do	149,219	2,239,829	1.4
Sweetclover hay	32,165	3,934	57,840	1.5	do	28,316	505,718	1.1
Clover or timothy hay, alone or mixed	43,064	13,757	534,059	1.4	do	29,742	354,071	1.6
Small grain hay	133,841	17,862	241,831	1.5	do	116,832	2,024,609	1.0
All other tame hay	184,243	7,199	303,283	1.3	do	177,347	2,276,147	1.1
Wild hay	216,527	11,555	1,648,149	.9	do	205,644	7,879,395	.7
Soybeans, total	101,537	227	1,977			101,315	1,205,367	
Cowpeas, total	274,267	275	1,802			273,986	2,190,282	
Peanuts, total	139,728	345	3,448			139,392	569,852	
Vetches, velvetbeans, mung and horse beans	23,441	432	6,662			23,026	301,858	
Navy, pea bean, Great Northern, kidney, lima, pinto, and other dry field and seed beans, and lentils	35,046	19,745	449,298	23.2	Bushel	15,569	495,243	5.5
Lima beans (dry) [4]	1,471	975	71,277	28.1	do	578	52,805	14.7
Other dry field and seed beans [4]	5,357	3,698	111,551	21.1	do	1,767	66,478	9.4
Dry field and seed peas	7,862	4,265	76,506	[5] 19.3	do	3,623	154,754	[5] 17.4
Alfalfa seed	31,926	8,899	219,149	2.2	do	23,187	355,985	1.5
Irish potatoes	566,621	39,498	359,737	221.0	do	527,246	417,440	74.3
Sweetpotatoes and yams	203,939	1,844	10,546	113.1	do	202,115	184,509	65.6
Cotton	634,835	15,538	762,217	1.2	Bale [6]	619,624	12,750,177	.4
Sugar beets for sugar	29,862	29,213	626,190	13.1	Ton	764	20,200	9.8
Hops	864	324	12,896	1,422.0	Pound	559	16,868	851.0
Broomcorn	5,576	57	774	420.0	do	5,521	195,643	228.0
Popcorn	9,911	618	2,479	24.3	Bushel	9,300	10,543	12.1
Root and grain crops (other than corn and annual legumes) hogged or grazed off	32,409	1,503	20,162			30,965	847,354	
Land in bearing and nonbearing fruit orchards, vineyards, and planted nut trees (nurseries excluded)	295,452	86,576	1,374,638			211,532	857,670	

[1] A farm reporting both irrigated and nonirrigated crops is recorded as one farm in total.
[2] Not available. [3] Includes data for Lespedeza hay not shown separately.
[4] Data available only for Arizona and California.
[5] Computed by using acreages grown alone in all States except California, Idaho, Oregon, and Washington, where total acreages were used. [6] Running square bales of lint cotton, counting round as half bales.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Vol. III.

No. 641.—Federal Reclamation Projects—Consolidated Statement of Construction Costs of Irrigation Works and Power Facilities to June 30, 1947

[In thousands of dollars]

State and project	Construction cost [1]	Operation and maintenance [2]: Cost before public notice (net)	Operation and maintenance [2]: Deficits, arrearages and penalties	Construction revenues, contributed funds, etc.	Authorized charge-offs and nonreimbursable costs	Balance
Grand total	1,083,607					
Total regular projects	605,952	3,796	9,143	23,930	17,162	577,800
Arizona: Gila	9,800	[3] 58		[3] 791		10,533
Salt River	20,245	116	867	3,201	382	17,644
Yuma Auxiliary	902		1	3		900
Arizona-California: Yuma	9,373	389	210	316		9,656
California: Central Valley	179,020	161		383		178,799
Orland	2,449	[3] 11	62	28		2,471
Colorado: Colorado-Big Thompson	34,145			1,160		32,985
Grand Valley	5,096	139	5	276	812	4,151
Pine River	3,350	2	3	2		3,351
Uncompahgre	8,976	311	196	26	1,262	8,196
Other	796			3		794
Idaho: Boise	16,695	422	904	1,403	82	16,535
Boise-Anderson Ranch	19,452	[3] 6		19		19,427
Boise-Payette	7,958	24		6		7,976
King Hill	1,906		110	28	1,988	
Minidoka	23,052	316	644	2,209	2	21,802
Palisades	787			8		778
Kansas: Garden City	343	53		61	334	
Montana: Hungry Horse	1,775			(4)		1,774
Huntley	1,560	[3] 1	391	37	62	1,851
Milk River	8,651	437	101	124	1,736	7,328
Sun River	9,791	133	103	49	90	9,889
Other	1,221	5	517			1,743
Montana-N. Dakota: Lower Yellowstone	3,685	[3] 2	923	132	412	4,062
Nebraska-Wyoming: North Platte	19,564	743	1,516	916		20,907
Nevada: Humboldt	1,294	21		124		1,191
Newlands	7,947	[3] 2	45	52	4,438	3,500
Truckee Storage	1,093	10		22		1,081
New Mexico: Carlsbad	3,993	[3] 18	93	31	375	3,663
Hondo	339	33		1	372	
Tucumcari	11,209	74		3		11,281
New Mexico-Texas: Rio Grande	21,197	16	365	4,952	358	16,268
N. Dakota: Buford-Trenton and Williston	741	(4)		110	631	
Oklahoma: W. C. Austin [5]	8,566	[3] 2		1,141		7,423
Oregon: Deschutes	7,018	37		1		7,055
Umatilla	5,240		230	111	888	4,471
Vale	4,859	40	3	24		4,878
Other	883			6		876
Oregon-California: Klamath	8,533	101	85	2,565	11	6,143
Oregon-Idaho: Owyhee	18,294		261	24		18,531
South Dakota: Belle Fourche	4,630	[3] 2	677	29	379	4,897
Texas: Valley Gravity Canal and Storage	931			1		930
Utah: Moon Lake	1,600			8		1,592
Ogden River	4,404	2		13		4,393
Provo River	13,211	[3] 47		44		13,121
Salt Lake Basin	2,726		6	46		2,685
Strawberry Valley	3,507	11	90	258		3,349
Other	1,316			13		1,303
Washington: Okanogan	1,452	[3] 48	27	7	998	426
Yakima	26,347	145	150	836	4	25,802
Yakima-Roza	13,130	31		2		13,160
Wyoming: Kendrick	18,249	155		2,223		16,180
Riverton	7,010		91	33		7,068
Shoshone [6]	15,639	66	467	1,651	1,545	12,977
Water conservation and utility projects	12,340	109		4		12,446
Total special projects	465,315			10,100		455,214
Colo. River Dam fund: All-American Canal	40,731			20		40,711
Boulder Canyon	146,094					146,094
Arizona: Davis Dam	15,960					15,960
Parker Dam	6,836			6,836		
Parker Power	15,500					15,500
Montana: Fort Peck	962					962
Texas: Colorado River	23,905			10		23,895
Washington: Columbia Basin	209,466			3,234		206,232
Missouri Basin projects	5,860					5,860

[1] Includes work in place only and does not include expenditures for materials, supplies, and equipment carried in inventories at end of fiscal year and other undistributed items eventually charged to construction cost.
[2] Includes cost of operation and maintenance during construction; deficits, arrearages, and penalties funded and added to reimbursable construction cost.
[3] Contra. [4] Less than $500. [5] Formerly the Altus project. [6] Includes Shoshone-Heart Mountain.

Source: Department of the Interior, Bureau of Reclamation; official records.

No. 642.—Federal Reclamation Irrigation Projects—Charges and Rental, by Project, to June 30, 1947

[In thousands of dollars]

State and project	Construction water-right charges			Operation and maintenance charges (after public notice)			Rentals of irrigation water		
	Amount due	Amount repaid	Due and unpaid	Amount due	Amount repaid	Due and unpaid	Amount due	Amount repaid	Due and unpaid
Total	80,816	78,562	2,254	45,643	45,483	160	16,270	16,162	108
Arizona:									
Salt River	10,400	10,400					2,247	2,247	
Yuma Auxiliary	669	662	7	711	704	7	34	34	1
Arizona-California:									
Yuma	5,860	5,858	1	5,875	5,831	44	684	682	1
California:									
Central Valley							533	533	
Orland	1,125	1,102	22	1,103	1,091	12	125	125	
Colorado:									
Fruitgrowers Reservoir	15	15					3	3	
Grand Valley	826	826		1,015	1,015		643	643	
Pine River	92	75	17	20	20				
Uncompahgre	1,641	665	975	1,009	1,009		1,266	1,242	23
Idaho:									
Boise	7,374	7,349	25	2,334	2,334		924	924	
Boise-Payette							366	366	
King Hill				61	61				
Minidoka	11,689	11,598	91	3,106	3,106		1,442	1,442	(1)
Rathdrum Prairie				18	13	5			
Montana:									
Bitter Root	349	200	149						
Frenchtown	18	13	5						
Huntley	728	728		555	555		19	19	
Milk River	623	433	190	919	884	34	248	240	7
Sun River	684	684		169	169		132	132	
Montana-North Dakota:									
Lower Yellowstone	1,149	1,149		339	339		144	142	2
Nebraska: Mirage Flats							14	14	
Nebraska-Wyoming:									
North Platte	7,545	7,422	123	2,229	2,207	22	403	403	(1)
Nevada:									
Humboldt	156	156							
Newlands	2,099	2,099	(1)	1,175	1,175		28	28	
Truckee Storage	100	100							
New Mexico:									
Carlsbad	1,275	1,252	23	1,532	1,532		44	44	
Hondo							9	9	
Tucumcari							7	7	
New Mexico-Texas:									
Rio Grande	5,580	5,580		8,682	8,682		2,468	2,468	
North Dakota:									
Buford-Trenton				2	2		(1)	(1)	
Williston				34	34		2	2	
Oklahoma: W. C. Austin [2]							2	2	
Oregon:									
Baker	61	61							
Burnt River	112	112							
Deschutes	52	52					30	30	
Umatilla	843	465	378	427	427		119	93	26
Vale	32	32		406	406		22	22	
Oregon-California:									
Klamath	2,074	2,064	10	2,158	2,153	5	1,149	1,142	7
Oregon-Idaho: Owyhee	182	181	1	511	511		1,432	1,429	2
South Dakota:									
Belle Fourche	1,092	977	115	1,834	1,834		16	16	
Provo River							69*	69	
Utah:									
Hyrum	91	88	4						
Moon Lake	159	159							
Newton				2	2				
Ogden River	548	548							
Salt Lake Basin	1,010	1,010							
Sanpete	63	59	4						
Scofield	31	31		3	3				
Strawberry Valley	1,976	1,976		377	377		18	18	
Washington:									
Okanogan	198	138	60	371	371		111	111	
Yakima	10,530	10,476	54	8,076	8,045	31	254	218	36
Yakima-Roza	64	64					303	303	
Wyoming:									
Kendrick							3	3	(1)
Riverton	111	111					640	639	1
Shoshone	1,590	1,590	(1)	591	591		278	278	
Shoshone-Heart Mountain							41	41	(1)

[1] Less than $500. [2] Formerly the Altus project.

Source: Department of the Interior, Bureau of Reclamation; official records.

No. 643.—Federal Reclamation Irrigation Projects—Acreage and Crop Value, by Project: 1946

[Excludes leased areas, WRA centers, etc., having 45,866 acres in cultivation with crop value of $3,492,735]

State and project	Projects entirely constructed by Bureau			Projects furnished supplemental water from works constructed by Bureau			Special and Warren Act contractors receiving water from Bureau works		
	Irrigable acreage [1]	Acreage in cultivation	Crop value (1,000)	Irrigable acreage [1]	Acreage in cultivation	Crop value (1,000)	Irrigable acreage [1]	Acreage in cultivation	Crop value (1,000)
Total	2,486,793	1,990,621	$236,644	550,768	461,647	$35,887	2,071,070	1,829,531	$250,913
Arizona: Salt River	243,125	228,500	41,043				92,012	81,178	8,135
Gila	5,715	3,232	225				370	330	53
Arizona-California: Yuma	68,976	56,032	11,630						
California:									
All American-Canal: Imperial I. D							523,000	415,000	73,762
Central Valley							160,233	138,553	34,024
Orland	20,091	16,735	1,801						
Colorado:									
Fruitgrowers Dam				2,662	1,784	175			
Grand Valley [2]	40,471	27,947	3,121				8,000	7,433	1,606
Pine River				34,543	32,548	684			
Uncompahgre	92,190	63,261	3,139				5,920	5,378	216
Idaho: Boise	199,908	170,490	14,613				125,303	116,328	10,575
Minidoka	213,161	181,555	14,128	95,518	93,521	6,381	711,059	672,799	66,576
Rathdrum Prairie [3]				3,109	[4] 1,531	22			
Montana: Bitter Root [2]	16,575	16,500	555						
Buffalo Rapids [3]	22,926	20,533	861						
Frenchtown	5,127	3,496	153						
Huntley	32,508	17,199	1,171						
Intake [3]	711	422	16						
Milk River	126,552	58,461	3,235						
Sun River	97,030	80,773	2,514						
Montana-North Dakota: Lower Yellowstone	57,200	47,390	3,020						
Nebraska: Mirage Flats	12,000	2,922	177						
Nebraska-Wyoming: North Platte	236,444	179,117	14,512				132,365	126,682	11,461
Nevada: Humboldt				38,889	27,370	1,648			
Newlands	68,402	58,437	2,476						
Truckee River Storage				29,376	([5])	([5])			
New Mexico: Carlsbad	25,055	19,854	1,984						
Tucumcari	6,613	2,527	216						
New Mexico-Texas: Rio Grande [6]	155,000	149,064	38,276				18,045	16,230	3,767
North Dakota: Buford-Trenton [3]	6,709	6,476	199						
Oklahoma: Altus	451	451	59						
Oregon: Baker				7,312	7,312	226			
Burnt River				15,291	15,291	533			
Deschutes-Central Oregon Irrigation District				42,382	39,846	4,014			
Deschutes-North Unit	15,495	8,259	230						
Stanfield				6,000	5,069	228			
Umatilla	18,531	11,936	508				1,012	965	67
Vale	32,000	31,715	2,415						
Westland				8,052	3,933	158			
Oregon-California: Klamath	66,567	56,179	9,172				82,761	69,982	6,469
Oregon-Idaho: Owyhee	102,543	91,796	8,564				13,800	13,130	1,444
South Dakota: Belle Fourche	72,431	52,739	2,059						
Utah: Hyrum				6,261	5,704	324			
Moon Lake				72,608	55,786	896			
Newton [3]				2,225	1,948	119			
Ogden River				20,642	15,618	1,427			
Provo River				46,208	37,968	5,127			
Sanpete				12,717	10,792	286			
Scofield [3]				15,599	15,009	678			
Strawberry Valley	41,347	38,288	2,471						
Weber River				91,374	90,617	12,959	5,068	4,882	336
Washington: Okanogan	5,323	3,966	2,807						
Yakima	244,966	190,441	43,653				191,700	160,239	32,404
Wyoming: Kendrick	5,000	654	12						
Riverton	42,502	38,194	2,186				422	422	18
Shoshone	87,148	55,080	3,442						

[1] Area for which the Bureau is prepared to supply water.
[2] Includes private projects reconstructed with Government funds.
[3] Water Conservation and Utilization Project.
[4] Includes 827 acres irrigated, mostly in small tracts, for which no crop reports were received.
[5] No report received.
[6] Although there are 178,015 acres that can be irrigated within project limits, the area for which there is considered to be a safe and reliable water supply is 155,000 acres.

Source: Department of Interior, Bureau of Reclamation; official records.

No. 644.—Federal Reclamation Irrigation Projects—Acreage and Crop Value, 1935 to 1946; Acreage, Production, and Crop Value, by Kind of Crop, 1945 and 1946

[**Acreage in thousands and value in thousands of dollars, except for individual crops.** Net area in cultivation and value exclude data for lands on Government projects cropped without irrigation]

Year	Entire area			Warren Act land [1]			Regular and supplemental water projects			
	Irrigated acreage	Net area in cultivation	Crop value	Irrigated acreage	Net area in cultivation	Crop value	Irrigated acreage	Net area in cultivation	Crop value	Irrigable acreage
1935	2,936	2,861	106,781	1,295	1,257	43,180	1,641	1,604	63,602	2,114
1936	3,038	2,902	136,502	1,336	1,273	57,600	1,702	1,629	78,903	2,166
1937	3,115	3,035	118,658	1,389	1,334	45,765	1,725	1,701	72,894	2,195
1938	3,107	3,041	113,463	1,329	1,276	45,604	1,778	1,764	67,860	2,276
1939	3,141	3,078	114,083	1,218	1,175	40,313	1,923	1,903	73,770	2,493
1940	3,391	3,316	117,789	1,238	1,177	37,690	2,153	2,139	80,098	2,769
1941	3,339	3,380	159,886	1,140	1,202	49,486	2,199	2,178	110,400	2,850
1942	3,881	3,822	272,049	1,603	1,562	116,429	2,278	2,260	155,620	3,392
1943	4,055	4,014	388,671	1,633	1,615	170,607	2,422	2,399	218,064	2,882
1944	4,164	4,139	411,226	1,695	1,664	186,543	2,469	2,475	224,683	2,916
1945	4,163	4,196	435,184	1,746	1,731	202,639	2,417	2,465	232,545	2,958
1946	4,322	4,397	530,624	1,808	1,830	250,913	2,514	2,567	279,711	3,038

Regular and supplemental water projects—individual crops

Crop	Net area [2]		Production		Crop value		Yield per acre	
	1945	1946	1945	1946	1945	1946	1945	1946
	Acres	*Acres*	*Bushels*	*Bushels*	*$1,000*	*$1,000*	*Bushels*	*Bushels*
Total, all crops	2,367,148	2,452,268			222,093	266,567		
Cereals	497,569	553,607	19,362,994	22,014,593	19,424	28,981	38.9	39.8
Barley	187,623	196,112	7,704,935	8,522,289	7,310	10,620	41.1	43.5
Corn	34,062	34,507	1,098,187	1,218,913	1,118	1,661	32.2	35.3
Oats	97,460	92,560	4,200,708	4,067,091	2,632	3,273	43.1	43.9
Rye	2,133	2,167	43,230	45,613	49	74	20.3	21.0
Wheat	147,860	187,718	5,057,696	6,210,281	6,790	10,591	34.2	33.1
Other	28,431	40,543	1,258,238	1,950,406	1,525	2,761	44.3	48.1
Seeds	121,681	125,747	1,867,067	2,242,875	9,810	11,712	15.3	17.8
Alfalfa seed	24,361	28,020	59,438	123,024	1,253	1,535	2.4	4.4
Clover seed	28,838	36,458	128,293	159,858	2,151	3,178	4.4	4.4
Other	68,482	61,269	1,679,336	1,959,993	6,405	6,999	24.5	32.0
			Tons	*Tons*			*Tons*	*Tons*
Hay and forage	1,860,767	1,846,860	2,301,054	2,359,516	45,663	55,869		
Alfalfa hay	597,555	594,784	1,810,968	1,829,115	31,017	37,347	3.0	3.1
Other hay	113,535	111,783	188,874	204,966	2,406	3,607	1.7	1.8
Corn fodder	11,176	10,085	87,788	68,976	593	589	7.9	6.8
Other forage	154,439	201,590	213,424	256,459	2,323	3,572	1.4	1.3
Beet tops	112,550	118,217			666	936		
Pasture	871,512	810,401			8,659	9,817		
			Bushels	*Bushels*			*Bushels*	*Bushels*
Vegetables and truck	339,492	364,819	58,549,338	65,931,350	62,102	67,863	172.5	180.7
Beans	89,981	94,194	1,746,536	2,274,054	6,034	11,813	19.4	24.1
Onions	9,451	9,109	4,111,086	4,002,140	5,912	2,333	435.0	439.4
Potatoes, white	131,060	125,077	29,858,851	31,442,025	24,920	22,810	227.8	251.4
Potatoes, sweet	849	923	167,479	148,147	507	464	197.3	160.5
Truck	91,130	118,778	22,665,886	28,064,984	21,668	27,254	248.7	236.3
Garden	17,021	16,738			3,061	3,189		
			1,000 lbs.	*1,000 lbs.*			*Pounds*	*Pounds*
Fruits and nuts	79,726	85,108	1,052,015	1,031,099,784	47,526	44,098	13,195	12,115
Apples	20,749	21,678	412,889	397,327,825	21,416	18,258	19,899	18,329
Peaches	12,713	13,554	152,876	134,424,770	6,073	5,173	12,025	9,918
Pears	7,283	7,223	114,192	131,310,740	4,038	4,651	15,679	18,180
Prunes	3,298	3,607	34,190	31,488,499	1,179	1,262	10,367	8,730
Citrus fruits	13,370	13,635	240,060	241,048,158	5,432	4,711	17,955	17,679
Small fruits	13,447	14,660	93,761	88,753,576	8,201	8,386	6,973	6,054
Miscellaneous	8,866	10,751	4,047	6,746,216	1,188	1,657	457	628
			Tons	*Tons*			*Tons*	*Tons*
Miscellaneous	353,928	365,252			37,568	58,044		
Cotton	116,037	112,052	[3] 126,741	[3] 126,818	14,870	27,681	[3] 1.1	[3] 1.5
Cottonseed	115,974	112,052	51,015	63,753	3,161	5,353	.4	.6
Sugar beets	115,676	132,593	1,449,868	1,902,570	14,010	19,490	12.5	14.3
Other crops	6,241	8,555			5,527	5,520		
Soil building crops	29,222	28,833						
Fallowed land	49,270	52,727						
Duplication	964,507	970,685						
Additional revenues [4]					5,544	5,964		

[1] Warren Act contracts are those which provide for sale of excess water to irrigation districts, i. e., water over and above project requirements. Lands served are usually located outside project proper. The act also provides for joint construction and financing of irrigation works by Federal Government and irrigation districts.

[2] Totals for all crops represent net areas after deducting areas subsequently used for other crops or pasture; detail is total area in cultivation, no deductions being made for duplicated areas.

[3] Bales of 500 pounds each. [4] Includes payments received from Federal and commercial agencies.

Source: Dept. of Interior, Bureau of Reclamation; Annual Report of Secretary and official records.

No. 645.—Hydroelectric Plants on Reclamation Projects, Operating and Under Construction, as of Dec. 31, 1947

State and project	Plant	Year of initial operation	Present nameplate capacity (kilowatts)	Ultimate name plate capacity (kilowatts)	Ultimate number of generators and capacities (kw.)
Total			2,331,987	[1] 6,775,487	
Constructed and operated by Bureau of Reclamation, total			2,203,400	3,903,900	
Arizona-Nevada: Boulder Canyon	Hoover	1936	1,034,800	1,322,300	15–82,500; 2–40,000; 2–2,400.
Arizona-California: Parker	Parker	1942	120,000	120,000	4–30,000.
California: Central Valley	Shasta	1944	154,000	379,000	5–75,000; 2–2,000.
Yuma	Siphon Drop	1926	1,600	1,600	2–800.
Colorado: Colorado-Big Thompson	Green Mountain	1943	21,600	21,600	2–10,800.
Idaho: Boise	Boise Diversion	1912	1,500	1,500	3–500.
	Black Canyon	1925	8,000	8,000	2–4,000.
Minidoka	Minidoka	1909	13,400	13,400	1–5,000; 1–2,400; 5–1,200.
Wyoming: North Platte	Guernsey	1927	4,800	4,800	2–2,400.
	Lingle	1919	1,400	1,400	2–400; 2–300.
New Mexico: Rio Grande	Elephant Butte	1940	24,300	24,300	3–8,100.
Washington: Columbia Basin	Grande Coulee	1941	776,000	1,964,000	18–108,000; 2–10,000.
Yakima	Prosser	1932	2,400	2,400	1–2,400.
Wyoming: Kendrick	Seminoe	1939	32,400	32,400	3–10,800.
Riverton	Pilot Butte	1925	1,600	1,600	2–800.
Shoshone	Shoshone	1922	5,600	5,600	1–4,000; 2–800.
Constructed by Bureau of Reclamation: Operated by others, total			30,687	30,687	
Arizona: Salt River	Roosevelt	1909	15,400	15,400	5–1,080; 1–4,000; 1–6,000.
	Arizona Falls	1913	850	850	2–425.
	Cross Cut	1914	5,100	5,100	1–3,000; 3–700.
	S. Consolidated	1912	1,600	1,600	2–800.
Colorado: Grand Valley	Grand Valley	1932	3,000	3,000	2–1,500.
Nevada: Newlands	Lahontan	1911	1,500	1,500	3–500.
Oregon: Deschutes	Cove	1946	1,500	1,500	1–1,500.
Utah: Strawberry Valley	Spanish Fork	1908	1,550	1,550	2–450; 1–250; 1–400.
Washington: Yakima	Rocky Ford	1916	187	187	1–187.
Constructed and operated by water users organizations, total			62,900	77,300	
Arizona: Salt River	Chandler	1919	600	600	1–600.
	Horse Mesa	1927	30,000	30,000	3–10,000.
	Mormon Flat	1926	7,000	7,000	1–7,000.
	Stewart Mountain	1930	10,400	10,400	1–10,400.
California: All American	Drop No. 3	1941	4,800	9,600	2–4,800.
	Drop No. 4	1941	9,600	19,200	2–9,600.
Oregon: Klamath	"C" Canal Drop	1938	500	500	1–500.
Constructed by Corps of Engineers, War Department: Power marketed by Bureau of Reclamation, total			35,000	85,000	
Montana: Fort Peck	Fort Peck	1943	35,000	85,000	2–35,000; 1–15,000.
		Year estimated completed			
Under construction by Bureau of Reclamation, total				965,600	
Arizona-Nevada: Davis	Davis	1950		225,000	5–45,000.
California: Central Valley	Keswick	1949		75,000	3–25,000.
Colorado: Colorado-Big Thompson	Estes	1950		45,000	3–15,000.
	Marys Lake	1950		8,100	1–8,100.
Idaho: Boise	Anderson Ranch	1950 [2]		40,500	3–13,500.
Palisades	Palisades	1953		60,000	3–20,000.
Montana: Missouri Basin	Canyon Ferry	1955		36,000	3–12,000.
Hungry Horse	Hungry Horse	1954		300,000	4–75,000.
Missouri Basin	Yellowtail	1954		120,000	4–30,000.
Wyoming: Missouri Basin	Boysen	1953		15,000	2–7,500.
	Kortes	1950		36,000	3–12,000.
Shoshone	Heart Mountain	1949		5,000	1–5,000.
Under construction by Corps of Engineers, War Department: Power to be marketed by Bureau of Reclamation, total				640,000	
North Dakota: Missouri Basin	Garrison			320,000	5–64,000.
South Dakota: Missouri Basin	Ft. Randall			320,000	8–40,000.

[1] Includes 1,073,000 kilowatt capacity authorized to be constructed.
[2] First 2 units completed.

Source: Department of the Interior, Bureau of Reclamation; official records.

No. 646.—Drainage on Farms and Drainage Enterprises—Summary: 1920, 1930, and 1940

[Statistics for drainage on farms in first part of this table were collected from 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 included in any organized enterprise; conversely, an organized enterprise may include a farm on which there is no artificial drainage, because the enterprise facilitates removal of water from that farm. 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. Enterprises may include timbered and other unimproved land not yet in farms. Data as to drainage on farms were not collected in the census of 1940. Canvass of drainage enterprises did not include New England States, N. Y., N. J., or Pa.; Del. and Md. were included only in 1940; no enterprises were found in Ala. or W. Va. before 1940, and none in Va. in 1920]

Item	Census of— 1920	1930	1940	Percent increase 1930–1940 [1]
Farms and drainage on farms				
All farms ... number	6,448,343	6,288,648	6,096,799	−3.1
Farms reporting drainage ... do	924,815	651,172	(2)	----------
All land in farms ... 1,000 acres	955,884	986,771	1,060,852	7.5
Farm land provided with drainage ... do	53,025	44,524	(2)	----------
Area, drains, and investment in enterprises				
Approximate land area of States reporting organized drainage enterprises [3] ... 1,000 acres	1,717,932	1,743,700	1,785,119	2.4
Land and drainage enterprises ... do	65,495	84,408	86,967	3.0
Improved land ... do	44,288	63,514	67,389	6.1
Unimproved land:				
Timber and cut-over ... do	11,284	11,310	11,043	−2.4
Other ... do	9,923	9,584	8,535	−10.9
Land unfit to raise any crop for lack of drainage ... 1,000 acres	[4] 7,224	7,396	7,134	−3.5
Land drained, fit to raise normal crop ... do	(2)	66,234	75,004	13.2
Land partly drained, fit for partial crop ... do	(2)	10,778	4,829	−55.2
Land in occupied farms ... do	(2)	68,640	70,068	2.1
Land in planted crops ... do	(2)	54,428	49,614	−8.8
Land idle ... do	(2)	20,003	18,836	−5.8
Ditches, completed ... miles	107,468	138,673	146,152	5.4
Tile drains, completed ... do	42,312	55,032	55,734	1.3
Pumping plants: Capacity ... horsepower	64,389	99,747	102,196	2.5
1,000 gals. per min	15,229	17,855	20,716	16.0
Capital invested in enterprises ... 1,000 dollars	372,274	680,250	691,725	1.7
Average, per acre ... dollars	5.68	8.06	7.95	−1.4

[1] A minus sign (−) denotes decrease. [2] Not called for on schedule.
[3] For States included (34 in 1920, 35 in 1930, and 38 in 1940), see table 648.
[4] Swampy, subject to overflow, seeped or alkali.

No. 647.—Drainage Enterprises—Area and Investment, by Year of Organization and by Character: 1940

Date of organization	Land in enterprises [1]	Area of enterprises: Total [2]	Area of enterprises: Overlapped area	Capital invested to Jan. 1, 1940
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 dollars*
All enterprises	86,967	132,828	45,861	691,725
Before 1870	171	1,238	1,067	3,658
1870–1879	428	3,481	3,053	11,717
1880–1889	2,429	8,906	6,477	27,704
1890–1899	3,743	11,331	7,588	29,275
1900–1904	5,769	13,328	7,559	33,026
1905–1910	12,192	20,008	7,816	93,379
1911–1914	19,573	25,480	5,907	142,211
1915–1919	18,012	21,177	3,165	175,305
1920–1924	11,272	12,877	1,605	111,957
1925–1929	7,411	8,659	1,248	48,491
1930–1934	2,093	2,340	247	8,510
1935–1939	3,874	4,003	129	6,492

Character of enterprise	Land in enterprises [1]	Capital invested to Jan. 1, 1940 [3]
	1,000 acres	*1,000 dollars*
Total	86,967	691,725
Drainage districts	34,811	373,358
County drains	46,040	276,101
Township drains	233	768
State projects	621	1,345
Irrigation enterprises:		
Federal	1,956	19,255
Other	2,285	11,626
Commercial developments	73	751
Individual ownership	912	8,418
Not reported	36	103

[1] Before tabulation, acreage assessed was reduced by amount of overlapping with enterprises organized subsequently.
[2] Sum of acreages assessed, without deduction for overlapping.
[3] In addition to amount invested, an estimated $3,968,000, or six-tenths of 1 percent, was reported as required to complete works already begun or authorized.

Source of tables 646 and 647: Department of Commerce, Bureau of the Census; Fifteenth and Sixteenth Census Reports, Drainage of Agricultural Lands.

No. 648.—Drainage Enterprises—Area and Investment, 1920, 1930, and 1940, and Operation Cost, 1929

	Division and State	Land in drainage enterprises			Drainage condition of land in enterprises					
					1929			1939		
		1920	1930	1940	Drained, fit for normal crop	Partly drained, fit for partial crop	Unfit for any crop for lack of drainage	Drained, fit for normal crop	Partly drained, fit for partial crop	Unfit for any crop for lack of drainage
		Acres	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*
1	**United States**	65,495,038	84,408,093	86,967,039	66,234,390	10,777,625	7,396,078	75,004,277	4,828,819	7,133,943
2	**E. N. Central**	31,627,176	33,485,754	32,682,172	29,439,215	2,757,633	1,288,906	30,921,740	1,085,739	674,693
3	Ohio	8,107,204	8,165,494	7,729,267	7,495,881	567,323	102,290	7,690,503	26,282	12,482
4	Ind	9,087,183	10,214,014	10,121,952	9,303,527	688,218	222,269	9,424,503	534,496	162,953
5	Ill	3,909,049	5,032,682	5,091,364	4,510,111	246,771	275,800	4,754,490	190,217	146,657
6	Mich	9,729,171	9,180,851	8,978,386	7,581,151	1,068,246	531,454	8,456,953	273,237	248,196
7	Wis	794,569	892,713	761,203	548,545	187,075	157,093	595,291	61,507	104,405
8	**W. N. Central**	19,217,367	23,690,882	23,468,623	18,440,603	2,837,404	2,412,875	22,282,539	598,750	587,334
9	Minn	9,232,709	11,474,683	10,990,409	7,322,252	2,114,950	2,037,481	10,226,116	341,037	423,256
10	Iowa	5,224,478	6,137,649	6,164,344	5,846,118	223,160	68,371	6,045,348	85,370	33,626
11	Mo	2,596,204	3,150,022	3,087,063	2,530,697	366,074	253,251	2,847,792	133,413	105,858
12	N. Dak	1,240,328	1,094,142	1,376,041	1,055,429	25,273	13,440	1,360,259	11,482	4,300
13	S. Dak	222,062	697,758	676,472	614,210	56,947	26,601	666,936	6,376	3,160
14	Nebr	607,730	879,459	916,181	829,681	39,639	10,139	878,741	20,812	16,628
15	Kans	93,856	257,169	258,113	242,216	11,361	3,592	257,347	260	506
16	**S. Atlantic** [1]	2,385,384	6,941,716	7,435,448	2,605,877	2,818,873	1,516,966	3,539,233	598,107	3,298,108
17	Del			395,014				295,400	65,706	33,908
18	Md			183,337				172,747	7,600	2,990
19	Va [1]		15,042	43,759	13,138	1,904		15,714	17,534	10,511
20	N. C	542,828	679,236	825,576	438,992	160,977	79,267	717,099	50,535	57,942
21	S. C	140,031	208,249	204,366	139,587	35,660	33,002	200,866	2,000	1,500
22	Ga	65,452	84,255	84,374	46,592	13,549	24,114	80,514	3,360	500
23	Fla	1,637,073	5,954,934	5,699,022	1,967,568	2,606,783	1,380,583	2,056,893	451,372	3,190,757
24	**E. S. Central** [1]	2,323,595	4,167,681	3,957,480	3,231,281	469,713	466,687	2,493,625	665,082	798,773
25	Ky	358,480	585,625	465,270	428,883	109,440	47,302	386,620	46,422	32,228
26	Tenn	363,671	593,560	601,592	367,805	92,525	133,230	222,013	114,623	264,956
27	Miss	1,601,444	2,988,496	2,890,618	2,434,593	267,748	286,155	1,884,992	504,037	501,589
28	**W. S. Central**	7,924,197	11,340,152	13,228,858	8,243,890	1,498,358	1,597,904	10,302,455	1,433,637	1,492,766
29	Ark	3,479,591	4,631,155	4,592,738	3,435,280	609,211	586,664	4,135,770	83,756	373,212
30	La	2,266,328	3,655,483	4,219,624	2,486,972	381,622	786,889	3,172,725	317,411	729,488
31	Okla	12,150	170,158	197,646	143,221	21,203	5,734	181,353	8,567	7,726
32	Tex	2,166,128	2,883,356	4,218,850	2,178,417	486,322	218,617	2,812,607	1,023,903	382,340
33	**Mountain**	810,076	1,969,770	2,772,730	1,779,788	130,315	59,667	2,527,026	133,310	112,394
34	Mont	168,682	167,629	372,661	152,871	8,370	6,388	351,531	4,167	16,963
35	Idaho	64,642	375,464	659,136	333,204	28,590	13,670	605,378	34,801	18,957
36	Wyo	95,474	245,703	312,662	219,762	16,920	9,021	287,833	11,555	13,274
37	Colo	171,656	366,719	468,322	313,039	48,176	5,504	443,514	14,880	9,928
38	N. Mex	140,219	176,292	305,885	144,750	16,322	15,220	284,474	9,601	11,810
39	Ariz	39,640	318,931	298,633	313,112	1,694	4,125	297,382	951	300
40	Utah	113,823	156,052	202,058	142,941	7,511	5,600	123,237	37,659	41,162
41	Nev	15,940	162,980	153,373	160,109	2,732	139	133,677	19,696	
42	**Pacific**	1,207,243	2,812,138	3,421,728	2,493,736	265,329	53,073	2,937,659	314,194	169,875
43	Wash	94,924	367,242	405,709	329,166	28,197	9,879	368,293	31,513	5,903
44	Oreg	4,000	211,182	348,825	153,381	27,226	30,575	299,317	20,898	28,610
45	Calif	1,108,319	2,233,714	2,667,194	2,011,189	209,906	12,619	2,270,049	261,783	135,362

[1] Data for 2 enterprises in Alabama combined with those for 2 enterprises in Virginia for 1939 and 1940 and included in South Atlantic Division total.
[2] Data not shown because less than 3 enterprises reported.
[3] Data for Kentucky not available; division total incomplete.

1940; DRAINAGE CONDITION, AREA IN OCCUPIED FARMS, AND MAINTENANCE AND 1939; BY STATES

LAND IN OCCUPIED FARMS IN DRAINAGE ENTERPRISES				CAPITAL INVESTED IN ENTERPRISES, TO JANUARY 1—			MAINTENANCE AND OPERATION COST INCURRED BY ENTERPRISES				
1929		1939					1929		1939		
Total	Planted	Total	Planted	1920	1930	1940	Amount	Land incurring (estimated)	Amount	Land incurring	
Acres	*Acres*	*Acres*	*Acres*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 acres*	*1,000 dollars*	*1,000 acres*	
68,640,109	54,427,577	70,068,469	49,613,573	372,274	680,250	691,725	7,605	29,007	5,997	31,666	1
32,689,727	26,317,269	30,147,707	21,446,699	134,270	209,398	199,990	2,115	4,368	1,320	3,589	2
8,132,973	6,800,496	7,173,937	4,682,046	30,680	36,836	35,216	19	81	26	55	3
10,150,221	8,454,498	9,703,805	7,512,766	31,148	54,111	47,540	295	708	46	174	4
5,005,376	4,248,907	4,911,263	4,549,562	43,595	74,566	72,567	1,508	2,546	1,049	2,310	5
8,826,265	6,462,936	7,796,979	4,317,989	24,684	37,677	40,412	248	550	179	754	6
574,892	350,522	561,723	384,336	4,163	6,207	4,255	45	482	19	296	7
20,212,282	15,799,777	20,086,297	15,321,225	121,562	206,191	210,066	1,304	7,544	1,010	7,536	8
8,782,323	5,916,067	8,397,586	6,198,229	42,017	64,140	65,576	208	1,832	143	1,878	9
6,105,496	5,376,805	5,945,393	4,697,259	49,627	77,479	75,374	431	2,701	327	2,714	10
2,427,599	2,067,727	2,673,169	1,872,751	20,723	47,340	49,050	441	1,922	430	2,141	11
1,094,114	908,979	1,322,573	1,116,385	2,208	3,149	3,673	13	240	4	59	12
684,746	567,285	647,173	526,407	1,461	4,535	5,079	11	223	2	104	13
864,159	743,178	849,948	688,976	4,589	6,847	7,579	121	485	62	452	14
253,845	219,736	250,455	221,218	937	2,701	3,734	80	142	42	188	15
893,634	587,512	2,192,944	1,140,580	18,847	53,632	53,241	803	5,671	463	5,406	16
----------	----------	394,164	224,551	----------	----------	455	----------	----------	5	30	17
----------	----------	181,891	118,871	----------	----------	44	----------	----------	2	15	18
5,704	4,748	43,759	18,681	----------	242	611	----------	----------	(2)	16	19
331,121	267,525	673,034	425,589	3,624	4,719	5,468	105	224	15	56	20
94,744	61,606	202,002	91,351	582	1,265	1,241	8	83	1	6	21
63,865	37,097	83,874	38,420	795	1,919	2,065	1	4	1	1	22
398,200	216,536	614,220	223,117	13,847	45,488	43,357	689	5,359	439	5,284	23
3,021,791	2,334,721	3,226,975	2,216,856	11,524	35,326	34,709	387	[3] 2,388	183	1,462	24
515,101	320,084	464,963	295,757	1,522	5,358	4,948	91	(3)	65	354	25
413,791	212,690	579,283	232,923	2,926	6,367	6,502	21	231	6	109	26
2,092,899	1,801,947	2,182,729	1,688,176	7,076	23,601	23,260	275	2,156	112	999	27
7,570,988	5,662,415	8,615,347	4,853,667	28,946	72,572	78,831	784	4,667	1,333	8,638	28
2,940,035	2,425,632	3,100,342	2,326,648	14,147	37,533	39,451	158	1,295	590	1,928	29
2,571,531	1,822,620	2,512,250	1,356,366	9,022	20,753	23,362	271	1,603	375	3,305	30
163,936	135,956	182,980	86,884	76	2,284	1,971	20	63	----------	----------	31
1,895,486	1,278,207	2,819,775	1,083,769	5,701	12,003	14,047	334	1,707	368	3,406	32
1,728,767	1,504,265	2,564,329	2,095,076	7,840	27,877	33,928	874	1,706	407	2,176	33
150,844	114,266	362,711	291,952	665	1,879	2,828	14	107	33	295	34
362,303	334,546	650,135	601,967	1,669	5,112	7,567	76	349	86	558	35
183,327	163,015	287,420	226,149	1,176	5,251	5,595	35	205	36	300	36
305,966	274,922	392,132	344,702	1,082	4,369	4,890	54	283	128	430	37
151,516	137,570	286,890	187,727	1,711	3,279	5,722	55	175	72	291	38
304,802	278,066	296,276	268,907	414	1,875	1,119	599	319	6	56	39
109,518	90,368	140,148	95,451	1,005	4,772	4,869	30	150	22	121	40
155,491	111,512	148,617	78,221	118	1,350	1,338	11	119	24	124	41
2,522,920	2,221,618	3,234,870	2,539,470	49,285	75,255	80,959	1,338	2,611	1,279	2,859	42
351,898	309,818	380,964	332,672	1,397	4,638	5,333	90	294	69	215	43
146,576	116,987	302,870	241,090	200	4,166	5,482	99	182	98	214	44
2,024,446	1,794,813	2,551,036	1,965,708	47,687	66,452	70,144	1,149	2,135	1,112	2,430	45

Source: Department of Commerce, Bureau of the Census; Fifteenth and Sixteenth Census Reports, Drainage of Agricultural Lands.

23. Agriculture—General Statistics

Statistics on agriculture are for the most part prepared by the Bureau of the Census, Department of Commerce, which conducts the Census of Agriculture and by the Department of Agriculture which prepares current estimates.

Beginning with 1840 a Census of Agriculture has been taken every 10 years in conjunction with the Decennial Census of Population. In 1925, 1935, and 1945 a mid-decennial Census of Agriculture has also been taken. Information at each census has been obtained by a personal canvass of individual farms by census enumerators. The first Census of Agriculture, however, was limited in scope. It included such items as an inventory of the principal classes of domestic animals, the production of wool, the value of poultry, the value of products of the dairy, and the production of the principal crops. The number of farms and the acreage and value of farm land were first included in the Census of 1850. In 1880 information was first secured as to the tenure under which the farms were operated. A detailed classification of farm land according to use was first obtained in 1925; in earlier censuses, farm land was classified only as improved land, woodland, and other unimproved land.

A farm as defined by the Bureau of the Census is all the land on which some agricultural operations are performed by one person, either by his own labor alone or with the assistance of members of his household, or hired employees. A tract of less than 3 acres is not considered a farm unless its agricultural products for the year covered were valued at $250 or more. Agricultural operations consist of the production of crops or plants, vines or trees (excluding forestry operations), or of the keeping, grazing, or feeding of livestock for animal products, animal increase, or value enhancement. Included as farms are such agricultural enterprises as nurseries, greenhouses, hothouses, fur farms, mushroom cellars, apiaries, and cranberry bogs. Excluded are fish farms, fish hatcheries, oyster farms, frog farms, kennels, game preserves, parks, and the like. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a farm for census purposes. Thus for a plantation each cropper and tenant operation is considered a separate farm even though the entire plantation may be handled essentially as a single farm enterprise.

The land in farms includes considerable areas of land not actually under cultivation or used for pasture or grazing, but all such land must have been under the control of the operator and considered a part of his farm. Land used for grazing or pasture that was neither owned nor leased by the farm operator was not included under land in farms. Thus vast acreages of land used for grazing, such as national forests, Taylor grazing land, State lands, or other public lands, and some railroad and other privately owned lands, are not included as land in farms even though used for agricultural purposes.

Annual agricultural statistics of a wide variety have been issued currently by the United States Department of Agriculture for over 80 years—the first being as of May 1, 1863. There are now 41 field offices—1 in practically every State—which act as clearinghouses for information furnished by voluntary reporters. Information from the field offices is sent to Washington where reports covering State and national data are issued by the Crop Reporting Board of the Bureau of Agricultural Economics.

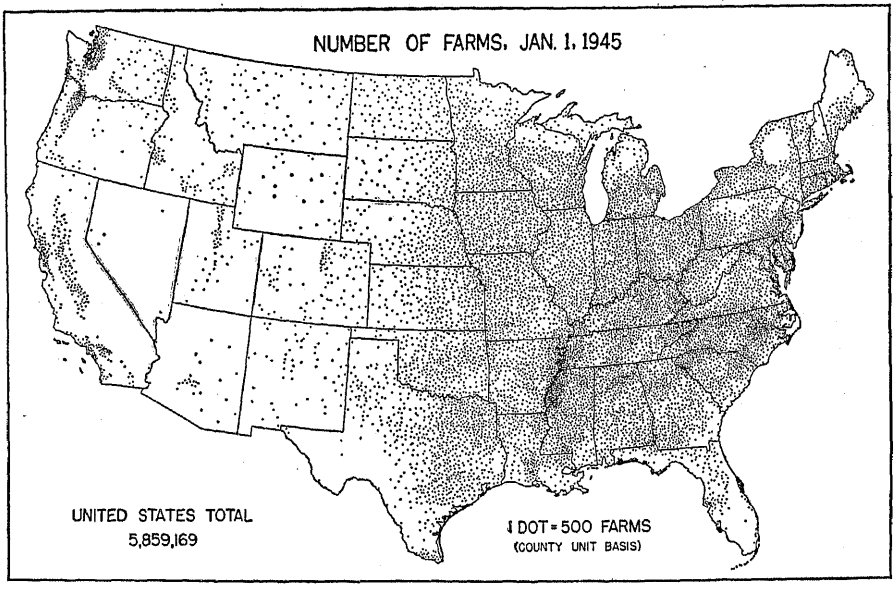
Statistics compiled by the Bureau of Agricultural Economics on crops, livestock and livestock products, agricultural prices, farm employment, and other related subjects are based mainly on data obtained through mail questionnaires. The basic information is obtained from nearly three-quarters of a million reporters, located in every agricultural county in the United States, who report on one or more items during a year. These reporters, mostly farmers, report for their own and nearby farms on some 80 crops and scores of other items pertaining to agricultural production and farm family living.

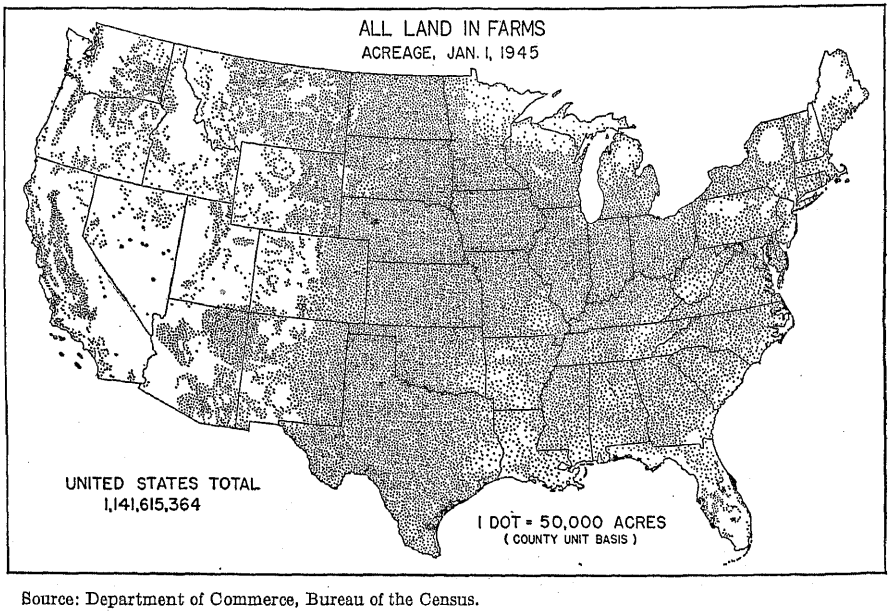
Cash income is the cash receipts from farm marketings and represents the quantities of crops, livestock, and livestock products sold by farmers multiplied by the prices received per unit of production at the local market. Gross farm income includes Government payments, value of farm products consumed on the farm, rental value of farm homes, as well as cash receipts from farm marketings.

These general notes on agriculture apply also to section 24, Agriculture—Production and Related Subjects, which covers farm crops, foodstuffs, farm animals, animal products, and related subjects.

FIGURE S.—NUMBER AND ACREAGE OF FARMS: JANUARY 1, 1945

[See table 650]





Source: Department of Commerce, Bureau of the Census.

No. 649.—Population, Farms, and Farm Property—Summary: 1850 to 1945

[Figures for 1850 relate to June 1, for 1910 to Apr. 15, for 1920, 1935, and 1945 to Jan. 1, and for 1930 and 1940 to Apr. 1, except that classification of land according to use refers to preceding year. Leaders indicate no data available]

ITEM	1850	1910	1920	1930	1935	1940	1945
Total population	**23,191,876**	**91,972,266**	**105,710,620**	**122,775,046**	[1]**127,152,000**	**131,669,275**	[2]**138,922,634**
Urban [3]	----------	42,166,120	54,304,603	68,954,823	[1] 72,320,000	74,423,702	[2] 73,903,000
Rural [3]	----------	49,806,146	51,406,017	53,820,223	[1] 54,832,000	57,245,573	[2] 52,156,000
Percent of total	----------	54.2	48.6	43.8	43.1	43.5	37.5
Farm population [4]	----------	----------	31,614,269	30,445,350	31,800,907	30,546,911	23,558,488
Percent of total	----------	----------	29.9	24.8	25.0	23.2	17.0
Percent of rural	----------	----------	61.5	56.6	58.0	53.4	45.2
Number of farms	**1,449,073**	**6,361,502**	**6,448,343**	**6,288,648**	**6,812,350**	**6,096,799**	**5,859,169**
Approximate land area of United States (1,000 acres)	1,884,376	1,903,290	1,903,215	1,903,217	1,903,217	1,905,362	1,905,362
Percent in farms	15.6	46.2	50.2	51.8	55.4	55.7	59.9
All land in farms (1,000 acres)	**293,561**	**878,798**	**955,884**	**986,771**	**1,054,515**	**1,060,852**	**1,141,615**
Cropland harvested	----------	----------	----------	359,242	295,624	321,242	352,866
Crop failure	----------	----------	----------	12,707	63,682	20,580	10,297
Cropland idle or fallow	----------	----------	----------	41,287	56,029	56,929	40,082
Plowable pasture	----------	----------	----------	109,160	98,579	131,380	[5] 47,449
Woodland pastured	----------	----------	----------	85,322	108,096	137,178	95,075
Woodland not pastured	----------	----------	----------	64,624	77,379		71,261
Other land pastured	----------	----------	----------	269,673	311,226	393,544	[6] 481,017
All other land	----------	----------	----------	44,757	43,901		43,568
Land used for crops (harvested and failure)	----------	----------	----------	371,949	359,306	341,822	363,163
Land available for crops [7]	[8] 113,033	[8] 478,452	[8] 503,073	522,396	513,914	530,131	450,694
Average acreage per farm	202.6	138.1	148.2	156.9	154.8	174.0	194.8
Value of farm property (thousands of dollars) [9]	**3,967,344**	**40,837,696**	**77,923,652**	**56,975,607**	----------	**41,254,979**	**60,008,208**
Land and buildings	3,271,575	34,801,126	66,316,003	47,879,838	32,858,844	33,641,739	46,388,926
Implements and machinery	151,588	1,265,150	3,594,773	3,301,654	----------	3,060,187	5,146,851
Livestock [10]	544,181	4,771,420	8,012,876	5,794,114	3,418,510	4,553,053	8,472,431
Percent of value of farm property represented by [9]—							
Land and buildings	82.5	85.2	85.1	84.0	----------	81.5	77.3
Implements and machinery	3.8	3.1	4.6	5.8	----------	7.4	8.6
Livestock	13.7	11.7	10.3	10.2	----------	11.0	14.1
Average value of farm property per farm (dollars) [9]	**2,738**	**6,420**	**12,084**	**9,060**	----------	**6,767**	**10,242**
Land and buildings	2,258	5,471	10,284	7,614	4,823	5,518	7,917
Implements and machinery	105	199	557	525	----------	502	878
Livestock	376	750	1,243	921	502	747	1,446
Average value of farm property per acre (dollars) [9]	**13.51**	**46.47**	**81.52**	**57.74**	----------	**38.89**	**52.56**
Land and buildings	11.14	39.60	69.38	48.52	31.16	31.71	40.63
Implements and machinery	.52	1.44	3.76	3.35	----------	2.88	4.51
Livestock	1.85	5.43	8.38	5.87	3.24	4.29	7.42

[1] Estimates.
[2] Estimate for total population as of Jan. 1, 1945, including armed forces overseas; estimates for urban and rural as of July 1, 1945, for civilian population only.
[3] For definition of urban and rural, see p. 2.
[4] 1930–45 farm population comprises all persons living on farms regardless of occupation, except that 1945 figures exclude persons in dwelling units rented to others than those engaged in agricultural work; 1920 figures include also those farm laborers (and their families) who, while not living on farms, lived outside limits of any incorporated place. Further difference is due to fact that 1920, 1935, and 1945 censuses were taken in January, while 1930 and 1940 censuses were taken in April, when number of persons on farms is appreciably larger. For additional farm population data, see tables 13 and 15, pp. 15 and 17.
[5] Land used only for pasture that had been plowed within 7 years.
[6] Pasture other than cropland and woodland.
[7] Cropland harvested, crop failure, cropland idle or fallow, and plowable pasture.
[8] "Improved land"; figures nominally include land available for crops and land occupied by buildings, yards, and barnyards.
[9] Value is of specified farm property, not all farm property.
[10] 1945 figure represents value of horses, mules, cattle, hogs, sheep, goats, and chickens; in addition to these items, 1940 figure includes value of poultry other than chickens, bees, and fur animals in captivity. For 1940 figures comparable with 1945, see table 652, p. 600. For items and age groups included for earlier years, see 1940 Census of Agriculture Reports, Vol. III; for figures comparable to 1945, see 1945 Census of Agriculture Reports, Vol. II.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture Vol. III, and 1945 Census of Agriculture, Vol. II.

No. 650.—Farms—Number, Acreage, and Value, by States: 1930 to 1945

Division and State	Number of farms				All land in farms (thousands of acres)			
	1930	1935	1940	1945	1930	1935	1940	1945
United States	6,288,648	6,812,350	6,096,799	5,859,169	986,771	1,054,515	1,060,852	1,141,615
New England	124,925	158,241	135,190	150,311	14,283	15,463	13,371	14,497
Maine	39,006	41,907	38,980	42,184	4,640	4,722	4,223	4,613
New Hampshire	14,906	17,695	16,554	18,786	1,960	2,116	1,809	2,017
Vermont	24,898	27,061	23,582	26,490	3,896	4,043	3,667	3,931
Massachusetts	25,598	35,094	31,897	37,007	2,005	2,196	1,938	2,078
Rhode Island	3,322	4,327	3,014	3,603	279	308	222	265
Connecticut	17,195	32,157	21,163	22,241	1,502	2,080	1,512	1,593
Middle Atlantic	357,603	397,684	348,100	347,477	35,047	36,455	33,639	34,406
New York	159,806	177,025	153,238	149,490	17,980	18,686	17,170	17,568
New Jersey	25,378	29,375	25,835	26,226	1,758	1,914	1,874	1,818
Pennsylvania	172,419	191,284	169,027	171,761	15,309	15,855	14,594	15,020
East North Central	966,502	1,083,687	1,006,095	953,797	110,891	116,957	113,655	115,564
Ohio	219,296	255,146	233,783	220,575	21,514	22,858	21,908	21,928
Indiana	181,570	200,835	184,549	175,970	19,689	20,519	19,801	20,027
Illinois	214,497	231,312	213,439	204,239	30,695	31,661	31,033	31,602
Michigan	169,372	196,517	187,589	175,268	17,119	18,460	18,038	18,392
Wisconsin	181,767	199,877	186,735	177,745	21,874	23,459	22,876	23,615
West North Central	1,112,755	1,179,856	1,090,574	1,031,993	265,488	273,077	274,423	283,248
Minnesota	185,255	203,302	197,351	188,952	30,913	32,818	32,607	33,140
Iowa	214,928	221,986	213,318	208,934	34,019	34,359	34,149	34,454
Missouri	255,940	278,454	256,100	242,934	33,743	35,055	34,740	35,278
North Dakota	77,975	84,606	73,962	69,520	38,658	39,118	37,936	41,001
South Dakota	83,157	83,303	72,454	68,705	36,470	37,102	39,474	43,032
Nebraska	129,458	133,616	121,062	111,756	44,709	46,616	47,344	47,753
Kansas	166,042	174,589	156,327	141,192	46,976	48,010	48,174	48,589
South Atlantic	1,058,468	1,147,133	1,019,451	1,043,475	86,363	95,987	92,555	96,601
Delaware	9,707	10,381	8,994	9,296	901	921	896	923
Maryland	43,203	44,412	42,110	41,275	4,374	4,384	4,198	4,200
District of Columbia	104	89	65	40	3	3	2	2
Virginia	170,610	197,632	174,885	173,051	16,729	17,645	16,445	16,358
West Virginia	82,641	104,747	99,282	97,600	8,802	9,424	8,909	8,720
North Carolina	279,708	300,967	278,276	287,412	18,055	19,936	18,845	18,618
South Carolina	157,931	165,504	137,558	147,745	10,393	12,330	11,239	11,022
Georgia	255,598	250,544	216,033	225,897	22,079	25,297	23,684	23,676
Florida	58,966	72,857	62,248	61,159	5,027	6,048	8,338	13,084
East South Central	1,062,214	1,137,219	1,023,349	959,829	72,817	79,101	77,086	76,198
Kentucky	246,499	278,298	252,894	238,501	19,927	20,699	20,294	19,725
Tennessee	245,657	273,783	247,617	234,431	18,003	19,086	18,493	17,789
Alabama	257,395	273,455	231,746	223,369	17,555	19,661	19,143	19,068
Mississippi	312,663	311,683	291,092	263,528	17,332	19,655	19,156	19,617
West South Central	1,103,134	1,137,571	964,370	877,831	183,906	201,118	200,527	204,995
Arkansas	242,334	253,013	216,674	198,769	16,053	17,742	18,045	17,456
Louisiana	161,445	170,216	150,007	129,295	9,355	10,444	9,996	10,040
Oklahoma	203,866	213,325	179,687	164,790	33,791	35,335	34,803	36,162
Texas	495,489	501,017	418,002	384,977	124,707	137,597	137,683	141,338
Mountain	241,314	271,392	233,497	212,527	157,450	173,881	191,901	244,577
Montana	47,495	50,564	41,823	37,747	44,659	47,512	46,452	58,787
Idaho	41,674	45,113	43,663	41,498	9,347	9,952	10,298	12,503
Wyoming	16,011	17,487	15,018	13,076	23,525	28,162	28,026	33,117
Colorado	59,956	63,644	51,436	47,618	28,876	29,978	31,527	36,218
New Mexico	31,404	41,369	34,105	29,695	30,822	34,397	38,860	49,608
Arizona	14,173	18,824	18,468	13,142	10,527	14,019	25,651	37,856
Utah	27,159	30,695	25,411	26,322	5,613	6,239	7,302	10,309
Nevada	3,442	3,696	3,573	3,429	4,081	3,622	3,785	6,178
Pacific	261,733	299,567	276,173	281,929	60,525	62,476	63,694	71,529
Washington	70,904	84,381	81,686	79,887	13,534	14,680	15,182	16,720
Oregon	55,153	64,826	61,829	63,125	16,549	17,358	17,988	19,754
California	135,676	150,360	132,658	138,917	30,443	30,438	30,524	35,054

No. 650.—FARMS—NUMBER, ACREAGE, AND VALUE, BY STATES: 1930 TO 1945—Con.

DIVISION AND STATE	AVERAGE ACREAGE PER FARM		VALUE OF FARMS (LAND AND BUILDINGS)							
			Total (thousands of dollars)				Average value per farm (dollars)		Average value per acre (dollars)	
	1940	1945	1930	1935	1940	1945	1940	1945	1940	1945
United States	174.0	194.8	47,879,838	32,858,844	33,641,739	46,388,926	5,518	7,917	31.71	40.63
New England	98.9	96.4	940,713	901,271	740,508	938,517	5,478	6,244	55.38	64.74
Maine	108.3	109.4	194,280	143,539	124,083	159,681	3,183	3,785	29.38	34.61
New Hampshire	109.3	107.4	77,355	66,937	62,206	80,395	3,758	4,280	34.38	39.86
Vermont	155.5	148.4	145,935	115,996	111,109	134,576	4,712	5,080	30.30	34.24
Massachusetts	60.8	56.2	261,222	255,677	212,014	265,232	6,647	7,167	109.40	127.62
Rhode Island	73.6	73.5	34,508	35,238	26,334	35,610	8,737	9,883	118.67	134.51
Connecticut	71.5	71.6	227,413	283,884	204,761	263,023	9,675	11,826	135.41	165.09
Middle Atlantic	96.6	99.0	2,817,767	2,141,412	2,039,079	2,389,076	5,858	6,875	60.62	69.44
New York	112.1	117.5	1,315,905	1,045,392	947,074	1,087,522	6,180	7,275	55.16	61.90
New Jersey	72.6	69.3	298,845	234,313	227,806	292,981	8,818	11,171	121.54	161.15
Pennsylvania	86.3	87.4	1,203,018	861,707	864,200	1,008,574	5,113	5,872	59.22	67.15
East North Central	113.0	121.2	9,336,791	6,596,844	7,333,631	9,958,796	7,289	10,441	64.53	86.18
Ohio	93.7	99.4	1,693,031	1,277,556	1,443,917	1,868,351	6,176	8,470	65.91	85.20
Indiana	107.3	113.8	1,415,542	1,040,238	1,251,492	1,794,315	6,781	10,197	63.20	89.59
Illinois	145.4	154.7	3,336,049	2,205,900	2,537,117	3,662,545	11,887	17,933	81.76	115.90
Michigan	96.2	104.9	1,160,652	826,261	912,545	1,199,290	4,865	6,843	50.59	65.21
Wisconsin	122.5	132.9	1,731,517	1,246,889	1,188,559	1,434,295	6,365	8,069	51.96	60.74
West North Central	251.6	274.5	15,158,530	9,385,141	8,795,913	12,115,024	8,065	11,739	32.05	42.77
Minnesota	165.2	175.4	2,125,093	1,383,072	1,443,021	1,833,761	7,312	9,705	44.26	55.33
Iowa	160.1	164.9	4,224,506	2,462,313	2,690,744	3,611,140	12,614	17,284	78.79	104.81
Missouri	135.6	145.2	1,796,247	1,099,281	1,107,303	1,526,961	4,324	6,285	31.87	43.28
North Dakota	512.9	589.8	951,225	707,139	490,197	708,322	6,628	10,189	12.92	17.28
South Dakota	544.8	626.3	1,285,154	691,863	505,452	764,300	6,976	11,124	12.80	17.76
Nebraska	391.1	427.3	2,495,203	1,562,813	1,137,808	1,699,210	9,399	15,205	24.03	35.58
Kansas	308.2	344.1	2,281,102	1,478,659	1,421,387	1,971,331	9,092	13,962	29.51	40.57
South Atlantic	90.8	92.6	3,852,079	2,791,939	3,159,550	4,238,536	3,099	4,062	34.14	43.88
Delaware	99.6	99.3	66,942	51,476	54,899	72,694	6,104	7,820	61.30	78.73
Maryland	99.7	101.8	356,170	242,714	273,980	354,807	6,506	8,596	65.27	84.48
District of Columbia	36.0	46.4	7,144	7,183	5,943	4,961	91,429	124,034	2,538.62	2,676.02
Virginia	94.0	94.5	855,850	593,855	674,975	868,806	3,860	5,021	41.04	53.11
West Virginia	89.7	89.3	341,976	237,644	269,827	341,008	2,718	3,494	30.29	39.11
North Carolina	67.7	64.8	844,122	622,719	736,708	1,002,983	2,647	3,490	39.09	53.87
South Carolina	81.7	74.6	379,191	285,516	338,495	440,632	2,461	2,982	30.12	39.98
Georgia	109.6	104.8	577,338	429,755	480,345	654,244	2,223	2,896	20.28	27.63
Florida	133.9	213.9	423,346	321,078	324,378	498,400	5,211	8,149	38.90	38.09
East South Central	75.3	79.4	2,685,364	1,915,218	2,324,737	3,094,049	2,272	3,224	30.16	40.61
Kentucky	80.2	82.7	871,449	620,409	776,494	1,015,796	3,070	4,259	38.26	51.50
Tennessee	74.7	75.9	743,222	555,751	664,474	870,948	2,683	3,715	35.93	48.96
Alabama	82.6	85.4	502,371	368,220	408,782	559,743	1,764	2,506	21.35	29.36
Mississippi	65.8	74.4	568,322	370,839	474,986	647,562	1,632	2,457	24.80	33.01
West South Central	207.9	233.5	5,806,151	4,029,702	4,231,841	5,816,250	4,388	6,626	21.10	28.37
Arkansas	83.3	87.8	547,828	376,088	456,848	662,770	2,108	3,334	25.32	37.97
Louisiana	66.6	77.6	418,102	295,515	353,874	472,328	2,359	3,653	35.40	47.05
Oklahoma	193.7	219.4	1,242,724	784,394	831,141	1,106,154	4,625	6,713	23.88	30.59
Texas	329.4	367.1	3,597,407	2,573,705	2,589,979	3,574,998	6,196	9,286	18.81	25.29
Mountain	821.9	1,150.8	2,458,483	1,772,439	1,779,843	2,756,169	7,623	12,969	9.27	11.27
Montana	1,110.7	1,557.4	527,610	375,841	350,178	517,891	8,373	13,720	7.54	8.81
Idaho	235.8	301.3	417,250	307,395	339,194	493,331	7,768	11,888	32.94	39.46
Wyoming	1,866.2	2,532.6	206,852	166,774	158,971	232,043	10,585	17,746	5.67	7.01
Colorado	612.9	760.6	629,347	418,758	388,344	564,504	7,550	11,855	12.32	15.59
New Mexico	1,139.4	1,670.6	207,859	170,150	187,526	326,751	5,498	11,004	4.83	6.59
Arizona	1,388.9	2,880.6	184,231	132,650	153,677	287,876	8,321	21,905	5.99	7.60
Utah	287.4	391.7	221,223	158,303	154,358	261,818	6,074	9,947	21.14	25.40
Nevada	1,059.4	1,801.7	64,111	42,569	47,594	71,956	13,321	20,985	12.57	11.65
Pacific	230.6	253.7	4,823,961	3,324,878	3,236,636	5,082,508	11,720	18,028	50.82	71.06
Washington	185.9	209.3	773,663	550,720	593,366	900,184	7,264	11,268	39.08	53.84
Oregon	290.9	312.9	630,828	448,712	476,817	697,775	7,712	11,054	26.51	35.32
California	230.1	252.3	3,419,471	2,325,446	2,166,453	3,484,549	16,331	25,084	70.97	99.40

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 651.—Farm Land, by Use, by States: 1939 and 1944

[In thousands of acres. For total land in farms, see table 650]

Division and state	Cropland harvested		Crop failure		Cropland idle or fallow		All other [1]	
	1939	1944	1939	1944	1939	1944	1939	1944
United States	321,242	352,866	20,580	10,297	56,929	40,082	662,101	738,370
New England	3,408	3,987	63	45	339	187	9,562	10,279
Maine	1,147	1,316	15	16	108	85	2,954	3,197
New Hampshire	372	436	7	7	38	18	1,392	1,556
Vermont	1,023	1,160	8	11	46	17	2,590	2,743
Massachusetts	456	581	22	8	80	37	1,380	1,453
Rhode Island	49	62	3	1	10	8	160	194
Connecticut	363	433	8	3	55	22	1,086	1,135
Middle Atlantic	13,457	14,441	278	237	1,882	1,376	18,022	18,352
New York	6,581	6,922	133	162	743	578	9,713	9,907
New Jersey	779	916	29	15	150	89	916	798
Pennsylvania	6,097	6,604	116	60	988	709	7,393	7,647
East North Central	55,431	61,117	718	660	5,120	3,129	52,386	50,658
Ohio	9,772	10,837	152	82	896	516	11,088	10,493
Indiana	9,711	10,912	168	131	1,069	680	8,852	8,303
Illinois	18,270	20,302	209	266	1,718	865	10,835	10,170
Michigan	7,863	8,521	115	112	1,045	791	9,015	8,968
Wisconsin	9,816	10,545	73	69	391	277	12,596	12,724
West North Central	114,239	132,778	11,311	6,184	19,649	10,577	129,223	133,709
Minnesota	18,807	18,559	251	1,339	1,075	1,079	12,474	12,164
Iowa	20,077	21,562	282	593	828	175	12,962	12,124
Missouri	12,400	12,902	238	397	1,128	642	20,973	21,337
North Dakota	15,537	20,817	1,131	546	6,810	3,030	14,458	16,608
South Dakota	12,297	16,525	2,155	713	2,471	624	22,551	25,170
Nebraska	17,305	19,596	1,884	1,251	2,491	1,639	25,665	25,267
Kansas	17,816	22,817	5,370	1,346	4,846	3,387	20,141	21,040
South Atlantic	28,323	27,494	414	280	4,840	5,180	58,977	63,646
Delaware	378	416	10	17	97	68	410	422
Maryland	1,609	1,745	30	13	345	212	2,214	2,230
District of Columbia	1	1	(2)	----------	(2)	(2)	1	1
Virginia	3,840	3,933	63	47	867	643	11,674	11,735
West Virginia	1,565	1,490	25	15	238	157	7,081	7,058
North Carolina	6,125	6,126	69	44	998	906	11,653	11,542
South Carolina	4,322	4,149	35	24	569	776	6,313	6,072
Georgia	8,803	7,824	110	91	1,264	1,944	13,506	13,816
Florida	1,680	1,809	72	31	462	474	6,124	10,769
East South Central	25,495	23,802	1,063	309	3,787	4,113	46,741	47,975
Kentucky	5,272	5,322	133	56	1,104	983	13,785	13,363
Tennessee	6,159	5,844	203	81	1,250	1,089	10,881	10,776
Alabama	7,112	6,163	309	58	803	1,191	10,920	11,655
Mississippi	6,953	6,473	417	113	630	850	11,156	12,180
West South Central	49,472	51,043	3,538	1,289	8,084	4,338	139,433	148,325
Arkansas	6,610	5,995	137	136	902	991	10,396	10,335
Louisiana	4,052	3,490	60	94	483	519	5,401	5,937
Oklahoma	12,766	14,088	1,254	266	1,811	851	18,972	20,957
Texas	26,044	27,469	2,087	794	4,887	1,978	104,664	111,097
Mountain	18,488	23,103	2,725	1,132	7,703	6,243	162,985	214,100
Montana	5,748	7,439	497	317	3,889	3,162	36,317	47,869
Idaho	2,935	3,442	62	25	932	800	6,369	8,236
Wyoming	1,535	1,843	210	66	309	198	25,972	31,009
Colorado	4,770	6,035	1,559	514	1,685	1,493	23,514	28,176
New Mexico	1,573	1,957	261	170	365	240	36,662	47,241
Arizona	526	652	44	21	161	56	24,920	37,127
Utah	966	1,248	77	14	325	274	5,935	8,773
Nevada	436	487	16	3	36	20	3,297	5,668
Pacific	12,929	15,102	470	162	5,525	4,939	44,771	51,326
Washington	3,570	4,290	61	26	2,599	2,377	8,952	10,027
Oregon	2,824	3,276	112	27	1,105	1,040	13,947	15,411
California	6,535	7,536	296	108	1,821	1,523	21,872	25,888

For footnotes, see next page.

No. 651.—Farm Land, by Use, by States: 1939 and 1944—Continued

[In thousands of acres]

Division and state	1939 (all other) [1]			1944 (all other) [1]				
	Plowable pasture	Woodland	All other land	Cropland used only for pasture [3]	Woodland pastured	Other land pastured	Woodland not pastured	All other land
United States	131,380	137,178	393,544	47,449	95,075	481,017	71,261	43,568
New England	1,371	5,147	3,044	375	2,464	2,251	4,467	721
Maine	320	1,783	851	74	611	439	1,839	234
New Hampshire	173	860	359	48	446	231	755	75
Vermont	401	1,174	1,015	93	857	1,023	694	76
Massachusetts	230	717	433	77	300	247	640	189
Rhode Island	32	91	38	10	18	41	92	33
Connecticut	216	521	349	72	232	270	447	115
Middle Atlantic	5,017	6,382	6,623	1,450	2,536	7,364	4,697	2,305
New York	2,780	3,022	3,911	705	1,523	4,550	2,100	1,029
New Jersey	199	424	294	116	39	175	259	208
Pennsylvania	2,039	2,936	2,418	628	974	2,638	2,338	1,068
East North Central	19,108	13,498	19,780	9,411	11,208	17,171	5,619	7,248
Ohio	4,838	2,413	3,836	1,867	1,560	4,552	1,107	1,407
Indiana	3,702	2,340	2,811	1,817	1,710	2,475	964	1,338
Illinois	4,936	1,913	3,986	2,150	1,687	3,903	787	1,642
Michigan	2,876	2,710	3,429	1,786	2,275	2,287	1,226	1,394
Wisconsin	2,757	4,121	5,718	1,791	3,976	3,954	1,536	1,467
West North Central	38,209	13,172	77,843	10,024	11,005	93,622	4,014	15,045
Minnesota	2,841	2,932	6,701	1,316	3,056	3,825	1,209	2,757
Iowa	6,361	1,300	5,300	2,612	1,452	5,759	225	2,076
Missouri	9,241	6,952	4,780	2,916	5,159	9,637	1,973	1,652
North Dakota	3,623	386	10,449	710	316	12,039	158	3,385
South Dakota	6,247	340	15,964	641	194	22,492	79	1,764
Nebraska	3,736	550	21,379	942	378	22,185	133	1,629
Kansas	6,161	711	13,269	887	450	17,684	237	1,782
South Atlantic	9,901	37,905	11,172	4,047	12,527	14,259	29,390	3,424
Delaware	84	225	101	63	9	40	223	87
Maryland	601	1,142	471	394	127	472	974	263
District of Columbia	(2)	(2)	1	(2)	(2)	(2)	(2)	(2)
Virginia	3,192	6,762	1,721	1,169	1,177	3,159	5,643	589
West Virginia	2,033	2,994	2,053	312	1,100	3,244	2,127	276
North Carolina	1,230	9,093	1,330	526	1,093	1,099	8,106	718
South Carolina	604	4,863	846	238	985	629	3,828	393
Georgia	1,513	10,175	1,819	784	3,508	1,611	7,214	699
Florida	643	2,650	2,831	563	4,527	4,006	1,274	399
East South Central	15,127	22,889	8,726	8,000	8,994	11,955	15,107	3,918
Kentucky	6,703	4,592	2,489	4,038	1,172	3,683	3,353	1,117
Tennessee	3,547	5,219	2,115	2,260	1,333	2,447	3,720	1,016
Alabama	2,174	7,009	1,737	854	2,917	2,440	4,659	785
Mississippi	2,702	6,068	2,385	849	3,571	3,384	3,376	1,001
West South Central	21,058	26,260	92,116	9,062	23,939	105,036	5,877	4,412
Arkansas	2,542	6,171	1,683	1,651	2,383	2,328	3,166	806
Louisiana	1,443	2,950	1,008	1,032	1,386	1,502	1,494	522
Oklahoma	3,830	3,065	12,077	1,759	4,119	13,351	399	1,329
Texas	13,243	14,074	77,348	4,619	16,051	87,854	818	1,754
Mountain	15,183	6,046	141,756	1,879	14,427	193,261	435	4,099
Montana	4,655	1,137	30,525	400	986	45,556	99	827
Idaho	779	692	4,898	322	946	6,230	114	624
Wyoming	1,459	387	24,126	112	281	30,246	11	359
Colorado	4,885	1,097	17,532	515	1,311	25,417	95	839
New Mexico	2,374	1,482	32,806	135	4,647	41,614	84	761
Arizona	261	1,147	23,511	230	6,007	30,515	14	362
Utah	395	79	5,461	128	173	8,263	11	198
Nevada	374	25	2,898	36	76	5,420	7	129
Pacific	6,407	5,880	32,484	3,202	7,975	36,099	1,655	2,395
Washington	951	1,461	6,541	439	1,862	6,803	474	450
Oregon	1,214	2,082	10,651	566	2,772	11,086	490	497
California	4,243	2,337	15,292	2,196	3,341	18,211	691	1,448

[1] Land in farms other than cropland harvested, crop failure, and cropland idle or fallow.
[2] 500 acres or less.
[3] Land used only for pasture that had been plowed within 7 years.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

779832°—48——39

No. 652.—Farm Property—Value of Specified Classes, by States: 1940 and 1945

[In thousands of dollars]

Division and State	Total value of specified farm property		Value of farms (land and buildings)		Value of implements and machinery [1]		Value of livestock [2]	
	1940	1945	1940	1945	1940	1945	1940	1945
United States	41,227,849	60,008,208	33,641,739	46,388,926	3,060,187	5,146,851	4,525,923	8,472,431
New England	906,522	1,240,476	740,508	938,517	73,678	125,418	92,336	176,541
Maine	160,552	220,562	124,083	159,681	19,611	33,126	16,858	27,755
New Hampshire	78,497	110,486	62,206	80,395	6,768	11,118	9,523	18,974
Vermont	154,777	214,104	111,109	134,576	15,623	27,891	28,046	51,637
Massachusetts	248,291	333,593	212,014	265,232	16,613	29,069	19,664	39,292
Rhode Island	31,112	45,160	26,334	35,610	2,180	4,027	2,597	5,523
Connecticut	233,293	316,572	204,761	263,024	12,883	20,189	15,648	33,360
Middle Atlantic	2,668,358	3,514,100	2,039,079	2,389,076	293,078	507,870	336,200	617,153
New York	1,258,731	1,646,231	947,074	1,087,522	138,342	239,291	173,315	319,417
New Jersey	281,078	390,816	227,806	292,981	25,636	45,372	27,636	52,464
Pennsylvania	1,128,549	1,477,053	864,200	1,008,574	129,100	223,207	135,250	245,272
East North Central	8,935,316	12,799,557	7,333,631	9,958,796	708,810	1,197,872	892,875	1,642,888
Ohio	1,720,870	2,327,840	1,443,917	1,868,351	120,212	197,286	156,741	262,203
Indiana	1,492,070	2,225,651	1,251,492	1,794,315	106,512	182,475	134,067	248,861
Illinois	2,932,926	4,418,953	2,537,117	3,662,545	186,682	321,363	209,127	435,045
Michigan	1,170,647	1,619,205	912,545	1,199,290	121,574	213,859	136,528	206,056
Wisconsin	1,618,802	2,207,908	1,188,559	1,434,295	173,831	282,889	256,412	490,724
West North Central	10,901,078	16,093,123	8,795,913	12,115,024	872,300	1,463,131	1,232,865	2,514,968
Minnesota	1,863,829	2,558,486	1,443,021	1,833,761	193,444	302,430	227,364	422,294
Iowa	3,268,344	4,655,361	2,690,744	3,611,140	242,047	354,263	335,553	689,958
Missouri	1,382,769	2,002,824	1,107,303	1,526,961	87,055	146,650	188,411	329,213
North Dakota	646,052	1,031,221	490,197	708,322	76,876	161,531	78,979	161,368
South Dakota	669,176	1,117,643	505,452	764,300	59,969	114,382	103,754	238,962
Nebraska	1,395,822	2,238,517	1,137,808	1,699,210	97,645	182,092	160,369	357,216
Kansas	1,675,086	2,489,071	1,421,387	1,971,331	115,263	201,783	138,436	315,957
South Atlantic	3,753,387	5,254,309	3,159,550	4,238,536	205,786	357,904	388,051	657,869
Delaware	66,477	93,303	54,899	72,694	5,748	11,435	5,830	9,175
Maryland	326,808	450,349	273,980	354,807	21,490	41,873	31,337	53,669
Dist. of Columbia	6,101	5,126	5,943	4,961	82	31	76	133
Virginia	785,691	1,052,999	674,975	868,806	37,860	57,827	72,856	126,366
West Virginia	321,172	412,155	269,827	341,008	14,896	18,781	36,450	52,366
North Carolina	872,019	1,223,712	736,708	1,002,983	45,468	76,481	89,843	144,248
South Carolina	405,724	553,832	338,495	440,632	24,197	42,006	43,032	71,194
Georgia	597,751	859,801	480,345	654,244	35,663	72,795	81,743	132,762
Florida	371,644	603,032	324,378	498,400	20,382	36,676	26,884	67,956
East South Central	2,843,272	3,943,454	2,324,737	3,094,049	160,569	284,257	357,967	565,149
Kentucky	921,343	1,246,834	776,494	1,015,796	41,519	70,454	103,330	160,584
Tennessee	811,262	1,099,121	664,474	870,948	49,153	80,864	97,634	147,309
Alabama	512,237	736,408	408,782	559,743	29,596	57,070	73,858	119,595
Mississippi	598,431	861,091	474,986	647,562	40,301	75,869	83,144	137,661
West South Central	5,147,206	7,400,884	4,231,841	5,816,250	332,414	541,792	582,950	1,042,842
Arkansas	564,299	841,611	456,848	662,770	37,417	78,146	70,034	100,694
Louisiana	450,289	644,524	353,874	472,328	35,805	61,321	60,610	110,874
Oklahoma	1,017,729	1,438,384	831,141	1,106,154	78,449	125,278	108,139	206,952
Texas	3,114,889	4,476,366	2,589,979	3,574,998	180,744	277,046	344,166	624,322
Mountain	2,355,225	3,837,971	1,779,843	2,756,169	180,506	306,479	394,875	775,323
Montana	475,549	769,994	350,178	517,891	43,194	77,470	82,177	174,633
Idaho	432,283	658,927	339,194	493,331	42,145	68,342	50,944	97,254
Wyoming	235,626	354,407	158,971	232,043	15,310	22,478	61,345	99,886
Colorado	498,824	787,337	388,344	564,504	39,022	70,747	71,459	152,086
New Mexico	248,035	436,219	187,526	326,751	15,213	24,818	45,297	84,650
Arizona	193,899	358,849	153,677	287,876	9,961	15,296	30,261	55,677
Utah	198,497	351,785	154,358	261,818	11,941	20,647	32,198	69,320
Nevada	72,512	120,455	47,594	71,956	3,721	6,681	21,196	41,818
Pacific	3,717,486	5,924,334	3,236,636	5,082,508	233,046	362,128	247,803	479,698
Washington	697,792	1,070,854	593,366	900,184	56,101	88,391	48,324	82,279
Oregon	577,070	860,024	476,817	697,775	44,608	66,657	55,645	95,592
California	2,442,624	3,993,456	2,166,453	3,484,549	132,337	207,080	143,834	301,826

[1] Value of automobiles included, 1940; excluded, 1945.
[2] Covers horses, mules, cattle, hogs, sheep, goats, and chickens.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 653.—Land Utilization—Trend in the United States: 1880 to 1945

[In millions of acres. Total farm and nonfarm land areas are for year indicated. Cropland and pasture acreages usually relate to preceding years]

LAND USE ITEM	1880	1890	1900	1910	1920	1930	1940	1945
Total	1,905	1,905	1,905	1,905	1,905	1,905	1,905	1,905
In farms	536	623	839	879	956	987	1,061	1,142
Pasture	122	144	276	284	328	379	461	529
Not plowable	-------	-------	-------	-------	223	270	350	420
Plowable	-------	-------	-------	-------	105	109	111	109
Crop failure and cropland lying idle or fallow	10	15	24	25	40	54	78	50
Cropland harvested	178	233	295	322	362	359	321	353
Farmsteads, lanes and waste	36	41	53	57	58	45	44	44
Forests and cut-over land	190	190	191	191	168	150	157	166
Pastured	-------	-------	-------	98	77	85	100	95
Not pastured	-------	-------	-------	93	91	65	57	71
Not in farms	1,369	1,282	1,066	1,026	949	918	844	763
Roads, railroads, cities, parks, ungrazed desert, and other waste land not in farms (estimated)	118	120	123	125	128	132	137	149
Pasture (not in farms): Includes idle grassland in the first decades and arid woodland (pinon-juniper, chaparral) in all years	883	818	625	600	502	437	382	292
Forest land capable of producing timber of commercial quantity and quality outside of farms	368	344	318	301	319	349	325	322

Source: Dept. of Commerce, Bureau of Census and Dept. of Agriculture, Bureau of Agricultural Economics; cooperative report, Graphic Summary of Land Utilization in the United States, and records.

No. 654.—Farm Real Estate—Land Transfers and Values: 1926 to 1947

YEAR	Estimated number of farms changing ownership per 1,000 farms [1]				Index of estimated value per acre [3] (1912–14=100)
	Total	Voluntary sales and trades	Forced sales and related defaults	Others [2]	
1926	61.4	29.6	21.6	10.2	124
1927	68.5	28.3	23.3	16.9	119
1928	66.0	26.3	22.8	16.9	117
1929	58.0	23.5	19.5	15.0	116
1930	61.5	23.7	20.8	17.0	115
1931	61.9	19.0	26.1	16.8	106
1932	76.6	16.2	41.7	18.7	89
1933	93.6	16.8	54.1	22.7	73
1934	78.6	17.8	39.1	21.7	76
1935	69.1	19.4	28.3	21.4	79
1936	72.9	24.8	26.2	21.9	82
1937	74.0	31.5	22.4	20.1	85
1938	65.4	30.5	17.4	17.5	85
1939	63.8	29.7	17.0	17.1	84
1940	63.0	30.2	15.9	16.9	84
1941	63.7	34.1	13.9	15.7	85
1942	66.1	41.7	9.3	15.1	91
1943	67.0	45.8	6.6	14.6	99
1944	76.1	55.9	4.9	15.3	114
1945	69.7	51.5	3.0	15.2	126
1946	75.0	57.4	2.3	15.3	142
1947	75.9	57.7	1.8	16.4	159

[1] Year ending Mar. 15.
[2] Largely inheritance, gift, and sales in settlement of estates; also includes a small number of miscellaneous and unclassified transfers.
[3] As of Mar. 1.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, The Agricultural Finance Review.

No. 655.—Farm Real Estate—Indexes of Estimated Value Per Acre, by States: 1912 to 1948

[1935-39=100]

Division and state	1912	1915	1920	1925	1930	1933	1935	1940	1943	1945	1946	1947	1948
United States	**117**	**124**	**205**	**153**	**138**	**88**	**95**	**102**	**120**	**152**	**171**	**192**	**205**
New England	94	94	133	121	121	100	99	101	106	123	133	145	151
Maine	105	101	149	131	131	99	99	100	104	125	131	141	146
New Hampshire	105	109	139	120	120	100	98	102	108	127	133	147	154
Vermont	101	103	149	125	123	101	100	101	110	129	143	165	170
Massachusetts	88	88	125	118	117	101	99	101	103	119	126	129	138
Rhode Island	84	86	110	108	113	100	99	101	107	122	134	147	155
Connecticut	79	80	110	110	112	100	99	100	108	121	133	150	155
Middle Atlantic	**111**	**113**	**154**	**129**	**120**	**93**	**96**	**102**	**117**	**134**	**145**	**163**	**171**
New York	115	117	156	130	120	95	98	100	114	128	140	162	167
New Jersey	86	87	114	109	110	97	97	102	119	132	144	162	165
Pennsylvania	113	115	161	132	123	90	95	104	119	142	150	165	177
East North Central	**131**	**140**	**217**	**157**	**130**	**83**	**91**	**106**	**129**	**160**	**181**	**205**	**217**
Ohio	135	147	219	151	124	81	91	106	134	167	193	218	230
Indiana	141	148	235	149	117	77	89	108	143	181	211	231	251
Illinois	142	150	233	168	133	79	90	110	133	163	181	207	220
Michigan	111	118	175	150	137	91	94	103	130	164	190	219	224
Wisconsin	113	121	198	151	136	93	96	97	107	128	139	157	169
West North Central	**140**	**151**	**265**	**181**	**157**	**92**	**98**	**94**	**110**	**138**	**153**	**172**	**194**
Minnesota	111	125	250	186	156	92	97	100	117	134	151	167	184
Iowa	133	155	296	189	156	81	92	103	121	149	167	186	208
Missouri	164	172	282	189	156	93	98	100	125	154	173	191	196
North Dakota	150	159	225	169	148	102	103	80	89	117	129	142	171
South Dakota	185	195	349	221	179	106	105	79	91	119	131	148	175
Nebraska	139	143	255	176	161	99	102	83	91	122	137	153	179
Kansas	133	135	198	151	148	92	96	93	111	146	158	184	214
South Atlantic	**96**	**97**	**196**	**146**	**127**	**79**	**92**	**106**	**125**	**163**	**187**	**214**	**220**
Delaware	116	117	161	130	129	93	95	103	126	142	159	186	189
Maryland	100	107	170	135	126	92	94	103	128	152	170	202	207
Virginia	91	91	177	145	126	83	91	106	123	161	188	211	212
West Virginia	118	122	187	145	127	89	95	104	120	129	147	167	180
North Carolina	76	80	174	146	123	67	87	108	125	175	209	242	253
South Carolina	122	114	278	167	125	69	92	108	136	196	209	237	252
Georgia	128	122	284	151	130	74	93	107	134	173	191	226	235
Florida	74	75	137	132	132	93	97	102	115	142	157	173	161
East South Central	**96**	**98**	**197**	**139**	**126**	**78**	**92**	**110**	**139**	**177**	**209**	**243**	**253**
Kentucky	100	103	206	145	131	82	90	117	152	195	227	272	272
Tennessee	97	101	202	138	125	79	92	109	140	179	215	246	261
Alabama	84	84	151	131	122	75	94	104	119	153	177	211	215
Mississippi	99	99	222	139	124	74	92	108	136	168	199	220	242
West South Central	**100**	**105**	**186**	**151**	**143**	**86**	**95**	**104**	**118**	**146**	**162**	**179**	**200**
Arkansas	106	102	239	172	152	86	95	103	133	179	193	230	253
Louisiana	90	87	180	128	120	81	94	110	132	147	159	186	184
Oklahoma	107	104	182	144	139	83	94	102	122	143	171	185	203
Texas	99	107	183	153	144	87	96	103	114	144	158	173	196
Mountain	**133**	**133**	**204**	**142**	**138**	**93**	**95**	**103**	**124**	**163**	**182**	**202**	**218**
Montana	183	188	236	141	135	89	95	104	130	168	192	220	243
Idaho	119	114	205	147	138	91	96	102	127	166	182	190	200
Wyoming	149	158	271	153	150	95	96	104	135	177	202	226	257
Colorado	169	161	242	159	142	92	92	105	133	186	214	242	269
New Mexico	124	124	178	134	136	93	94	104	125	163	186	207	223
Arizona	101	103	175	129	130	95	97	101	116	154	168	186	191
Utah	114	111	190	148	144	95	95	102	114	138	145	155	167
Nevada	141	149	198	150	146	96	96	102	114	134	147	157	168
Pacific	**89**	**101**	**146**	**137**	**133**	**90**	**95**	**101**	**119**	**161**	**182**	**202**	**197**
Washington	120	122	171	138	135	90	94	103	124	164	188	208	213
Oregon	122	125	162	138	135	90	93	105	124	163	179	191	195
California	77	92	139	136	133	90	96	100	117	160	182	202	195

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, The Farm Real Estate Situation.

No. 656.—Farms—Number and Acreage, 1920 to 1945, and Value of Land and Buildings, 1945, by Size of Farm

SIZE OF FARM	1920	1925	1930	1935	1940	1920	1925	1930	1935	1940
	Number of farms					Percent distribution of number of farms				
Total	6,448,343	6,371,640	6,288,648	6,812,350	6,096,799	100.0	100.0	100.0	100.0	100.0
Under 3 acres	20,350	15,151	43,007	35,573	35,977	.3	.2	.7	.5	.6
3 to 9 acres	268,422	363,384	315,497	535,258	470,425	4.2	5.7	5.0	7.9	7.7
10 to 19 acres	507,763	588,049	559,617	683,452	559,254	7.9	9.2	8.9	10.0	9.2
20 to 49 acres	1,503,732	1,450,643	1,440,388	1,440,143	1,221,006	23.3	22.8	22.9	21.1	20.0
50 to 99 acres	1,474,745	1,421,078	1,374,965	1,444,007	1,291,048	22.9	22.3	21.9	21.2	21.2
100 to 499 acres	2,456,107	2,326,155	2,314,858	2,417,803	2,254,864	38.1	36.5	36.8	35.5	37.0
100 to 174 acres	1,449,630	1,383,777	1,342,927	1,404,297	1,278,617	22.5	21.7	21.4	20.6	21.0
175 to 259 acres	530,800	503,417	520,593	540,267	517,460	8.2	7.9	8.3	7.9	8.5
260 to 499 acres	475,677	438,961	451,338	473,239	458,787	7.4	6.9	7.2	6.9	7.5
500 to 999 acres	149,819	143,852	159,696	167,452	163,694	2.3	2.3	2.5	2.5	2.7
1,000 acres and over	67,405	63,328	80,620	88,662	100,531	1.0	1.0	1.3	1.3	1.6
	All land in farms (thousands of acres)					Percent distribution of land in farms				
Total	955,884	924,319	986,771	1,054,515	1,060,852	100.0	100.0	100.0	100.0	100.0
Under 3 acres	34	23	61	51	51	(1)	(1)	(1)	(1)	(1)
3 to 9 acres	1,567	2,074	1,847	3,006	2,617	.2	.2	.2	.3	.2
10 to 19 acres	7,087	8,060	7,789	9,369	7,607	.7	.9	.8	.9	.7
20 to 49 acres	48,466	46,405	46,252	46,594	39,892	5.1	5.0	4.7	4.4	3.8
50 to 99 acres	105,631	101,906	98,685	104,016	93,317	11.1	11.0	10.0	9.9	8.8
100 to 499 acres	471,488	443,912	447,000	467,535	441,366	49.3	48.0	45.3	44.3	41.6
100 to 174 acres	194,681	185,708	180,214	188,859	172,020	20.4	20.1	18.3	17.9	16.2
175 to 259 acres	112,563	106,473	110,265	114,408	109,777	11.8	11.5	11.2	10.8	10.3
260 to 499 acres	164,244	151,731	156,522	164,268	159,569	17.2	16.4	15.9	15.6	15.0
500 to 999 acres	100,976	97,468	108,924	114,244	111,935	10.6	10.5	11.0	10.8	10.6
1,000 acres and over	220,636	224,472	276,213	309,701	364,069	23.1	24.3	28.0	29.4	34.3

SIZE OF FARM	1945							
	Number of farms	All land in farms (1,000 acres)	Cropland harvested (1,000 acres)	Value of land and buildings ($1,000)	Percent distribution			
					Number of farms	All land in farms	Cropland harvested	Value of land and bldgs.
Total	5,859,169	1,141,615	352,866	46,388,926	100.0	100.0	100.0	100.0
Under 3 acres	98,966	141	55	287,917	1.7	(1)	(1)	.6
3 to 9 acres	495,595	2,664	1,219	1,429,843	8.5	.2	.3	3.1
10 to 29 acres	945,608	16,864	9,766	2,756,084	16.1	1.5	2.8	5.9
30 to 49 acres	708,796	27,074	13,304	2,321,623	12.1	2.4	3.8	5.0
50 to 99 acres	1,157,320	83,206	35,864	5,547,534	19.8	7.3	10.2	12.0
50 to 69 acres	472,415	27,209	11,809	1,919,184	8.1	2.4	3.3	4.1
70 to 99 acres	684,905	55,997	24,056	3,628,350	11.7	4.9	6.8	7.8
100 to 179 acres	1,199,809	162,375	73,264	9,828,841	20.5	14.2	20.8	21.2
100 to 139 acres	633,851	73,070	30,853	4,352,514	10.8	6.4	8.7	9.4
140 to 179 acres	565,958	89,305	42,411	5,476,328	9.7	7.8	12.0	11.8
180 to 259 acres	493,215	105,802	49,027	6,339,439	8.4	9.3	13.9	13.7
180 to 219 acres	282,839	55,800	24,762	3,263,383	4.8	4.9	7.0	7.0
220 to 259 acres	210,376	50,002	24,265	3,076,056	3.6	4.4	6.9	6.6
260 to 499 acres	473,184	164,648	76,209	8,148,161	8.1	14.4	21.6	17.6
260 to 379 acres	331,727	103,067	48,264	5,418,975	5.7	9.0	13.7	11.7
380 to 499 acres	141,457	61,581	27,946	2,729,186	2.4	5.4	7.9	5.9
500 to 999 acres	173,777	118,836	46,308	3,996,118	3.0	10.4	13.1	8.6
500 to 699 acres	105,515	62,275	25,426	2,285,239	1.8	5.5	7.2	4.9
700 to 999 acres	68,262	56,560	20,882	1,710,880	1.2	5.0	5.9	3.7
1,000 acres and over	112,899	460,006	47,849	5,733,364	1.9	40.3	13.6	12.4

[1] 0.05 percent or less.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 657.—Farms—Number, by Size, by States: 1945

Division and state	Total number of farms	Under 3 acres	3 to 9 acres	10 to 29 acres	30 to 49 acres	50 to 99 acres	100 to 179 acres	180 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 acres and over
United States	5,859,169	98,966	495,595	945,608	708,796	1,157,320	1,199,809	493,215	473,184	173,777	112,899
New England	150,311	4,320	21,764	26,016	15,603	29,907	29,311	11,918	8,982	2,149	341
Maine	42,184	503	3,549	5,252	4,270	11,124	10,469	3,757	2,507	642	111
New Hampshire	18,786	366	2,259	3,045	2,064	4,032	3,774	1,506	1,291	383	66
Vermont	26,490	398	2,314	2,612	1,537	4,064	7,300	4,073	3,431	692	69
Massachusetts	37,007	2,304	8,860	9,314	4,394	5,742	3,945	1,283	884	232	49
Rhode Island	3,603	192	653	750	453	710	526	169	107	31	12
Connecticut	22,241	557	4,129	5,043	2,885	4,235	3,297	1,130	762	169	34
Middle Atlantic	347,477	6,806	36,495	49,516	33,041	83,505	87,593	29,791	17,595	2,714	421
New York	149,490	2,451	12,920	18,042	12,179	32,532	40,752	17,239	11,404	1,739	232
New Jersey	26,226	1,297	4,904	6,027	2,783	4,662	4,411	1,276	683	140	43
Pennsylvania	171,761	3,058	18,671	25,447	18,079	46,311	42,430	11,276	5,508	835	146
East North Central	953,797	5,774	64,139	93,002	91,724	226,111	276,999	115,143	70,538	9,211	1,156
Ohio	220,575	1,558	21,792	29,051	21,725	57,299	58,284	19,240	10,102	1,335	179
Indiana	175,970	1,294	14,547	21,807	18,173	40,339	46,103	19,516	12,268	1,719	204
Illinois	204,239	1,490	12,340	16,769	13,623	31,654	60,390	36,548	27,377	3,678	370
Michigan	175,268	764	10,438	18,161	25,140	48,939	46,340	15,751	8,457	1,064	214
Wisconsin	177,745	668	5,022	7,204	13,063	47,880	65,882	24,088	12,334	1,415	189
West North Central	1,031,993	5,677	42,311	52,305	53,730	131,046	285,119	159,205	196,212	74,336	32,052
Minnesota	188,952	1,173	6,176	7,605	11,220	29,479	64,773	34,397	29,350	4,277	502
Iowa	208,934	993	9,671	9,589	7,585	28,080	80,342	42,317	27,483	2,655	219
Missouri	242,934	1,188	13,720	22,275	26,098	49,988	64,157	31,905	26,657	5,935	1,011
North Dakota	69,520	220	527	670	583	1,019	6,654	3,670	26,198	22,004	7,975
South Dakota	68,705	310	989	1,199	950	2,157	11,572	7,990	23,243	11,997	8,298
Nebraska	111,756	740	3,862	3,737	2,250	7,069	28,316	19,680	28,083	10,805	7,214
Kansas	141,192	1,053	7,366	7,230	5,044	13,254	29,305	19,246	35,198	16,663	6,833
South Atlantic	1,043,475	17,576	101,248	238,183	179,920	244,437	155,605	50,838	37,643	12,644	5,381
Delaware	9,296	362	919	1,362	1,128	2,181	1,982	737	498	100	27
Maryland	41,275	767	5,275	6,779	4,199	8,425	9,154	3,627	2,409	539	101
Dist. of Columbia	40	9	11	9	4	1	3	1	2	------	------
Virginia	173,051	3,126	23,107	35,258	22,295	37,109	29,149	10,840	8,673	2,726	768
West Virginia	97,600	2,132	12,832	17,085	12,733	23,800	17,515	5,903	4,105	1,171	324
North Carolina	287,412	3,187	24,153	81,082	56,036	70,520	35,546	9,176	5,813	1,522	377
South Carolina	147,745	1,975	14,127	46,177	27,907	30,100	16,068	5,021	3,998	1,624	748
Georgia	225,897	3,439	11,862	35,867	45,254	61,952	39,125	12,946	9,832	3,857	1,763
Florida	61,159	2,579	8,962	14,564	10,364	10,349	7,063	2,587	2,313	1,105	1,273
East South Central	959,829	14,140	87,495	241,664	168,581	220,841	144,392	42,051	28,528	8,658	3,479
Kentucky	238,501	4,061	27,815	41,774	31,022	62,054	47,680	14,028	8,036	1,689	342
Tennessee	234,431	2,424	24,692	52,780	37,016	58,580	38,790	11,162	7,039	1,660	288
Alabama	223,369	6,480	16,554	45,453	52,938	53,781	29,271	8,405	6,579	2,513	1,395
Mississippi	263,528	1,175	18,434	101,657	47,605	46,426	28,651	8,456	6,874	2,796	1,454
West South Central	877,831	24,529	66,553	152,229	116,689	161,010	165,688	62,178	74,749	31,959	22,247
Arkansas	198,769	5,207	16,146	47,237	38,312	41,179	29,958	9,797	7,504	2,472	957
Louisiana	129,295	1,878	10,647	47,057	29,751	20,566	10,400	3,256	3,166	1,531	1,043
Oklahoma	164,790	5,169	9,971	12,064	13,536	27,401	44,579	15,486	24,752	8,310	3,522
Texas	384,977	12,275	29,789	45,871	35,090	71,864	80,751	33,639	39,327	19,646	16,725
Mountain	212,527	5,886	20,079	21,907	15,834	25,926	29,397	11,643	24,638	22,162	35,055
Montana	37,747	205	1,303	1,411	1,100	2,127	4,204	1,927	5,865	6,852	12,753
Idaho	41,498	744	3,523	3,833	4,912	9,045	7,734	2,918	4,186	2,469	2,134
Wyoming	13,076	98	458	416	381	1,010	2,009	915	1,729	1,659	4,401
Colorado	47,618	831	4,127	4,491	2,430	4,820	7,358	2,829	7,074	6,269	7,389
New Mexico	29,695	716	4,171	4,638	2,198	2,520	3,103	1,068	3,165	3,014	5,102
Arizona	13,142	1,413	2,386	2,360	1,257	1,492	1,302	379	695	560	1,298
Utah	26,322	1,737	3,855	4,375	3,187	4,413	3,200	1,418	1,622	1,075	1,440
Nevada	3,429	142	256	383	369	499	487	189	302	264	538
Pacific	281,929	14,258	55,511	70,786	33,674	34,537	25,705	10,448	14,299	9,944	12,767
Washington	79,887	2,617	16,975	20,761	9,893	9,751	6,762	2,688	3,897	2,998	3,545
Oregon	63,125	1,892	10,863	12,802	7,467	9,278	7,953	3,237	3,956	2,394	3,283
California	138,917	9,749	27,673	37,223	16,314	15,508	10,990	4,523	6,446	4,552	5,939

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 658.—Farms—Number, by Color and Tenure of Operator: 1910 to 1945

["White" includes Mexicans. "Nonwhite" comprises Negroes, Indians, Chinese, Japanese, and all other nonwhite races. Leaders indicate no data available]

COLOR AND TENURE OF OPERATOR	1910	1920	1930	1935	1940	1945	Percent distribution, 1945
All farm operators	6,361,502	6,448,343	6,288,648	6,812,350	6,096,799	5,859,169	100.0
Owners	3,948,722	3,925,090	3,568,394	3,899,091	3,699,177	3,961,863	67.6
Full owners	3,354,897	3,366,510	2,911,644	3,210,224	3,084,138	3,301,361	56.3
Part owners	593,825	558,580	656,750	688,867	615,039	660,502	11.3
Managers	58,104	68,449	55,889	48,104	36,351	38,885	.7
Tenants	2,354,676	2,454,804	2,664,365	2,865,155	2,361,271	1,858,421	31.7
Cash	712,294	480,009	489,210	----------	514,438	402,175	6.9
Other	1,642,382	1,974,795	2,175,155	----------	1,846,833	1,456,246	24.9
White operators	5,440,619	5,498,454	5,372,578	5,956,795	5,377,728	5,169,954	100.0
Owners	3,707,501	3,691,868	3,365,674	3,687,697	3,498,079	3,755,946	72.6
Full owners	3,159,088	3,174,109	2,752,787	3,036,910	2,916,562	3,126,212	60.5
Part owners	548,413	517,759	612,887	650,787	581,517	629,734	12.2
Managers	56,560	66,223	52,767	46,914	35,634	38,263	.7
Tenants	1,676,558	1,740,363	1,954,137	2,222,184	1,844,015	1,375,745	26.6
Cash	447,851	373,835	387,834	----------	444,205	326,787	6.3
Other	1,228,707	1,366,528	1,566,303	----------	1,399,810	1,048,958	20.3
Nonwhite operators	920,883	949,889	916,070	855,555	719,071	689,215	100.0
Owners	241,221	233,222	202,720	211,394	201,098	205,917	29.9
Full owners	195,809	192,401	158,857	173,314	167,576	175,149	25.4
Part owners	45,412	40,821	43,863	38,080	33,522	30,768	4.5
Managers	1,544	2,226	3,122	1,190	717	622	.1
Tenants	678,118	714,441	710,228	642,971	517,256	482,676	70.0
Cash	264,443	106,174	101,376	----------	70,233	75,388	10.9
Other	413,675	608,267	608,852	----------	447,023	407,288	59.1

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 659.—All Land in Farms, Cropland Harvested, and Value of Farms, by Color and Tenure of Operator: 1940 and 1945

COLOR AND TENURE OF OPERATOR	ALL LAND IN FARMS (thousands of acres)		CROPLAND HARVESTED (thousands of acres)		VALUE OF FARMS (LAND AND BUILDINGS)			
					Amount (thousands of dollars)		Average per farm (dollars)	
	1940	1945	1939	1944	1940	1945	1940	1945
All farm operators	1,060,852	1,141,615	321,242	352,866	33,641,739	46,388,926	5,518	7,917
Owners	682,424	783,609	186,395	226,617	21,409,685	31,135,666	5,788	7,859
Full owners	382,098	412,358	115,418	128,015	15,297,274	21,106,511	4,960	6,393
Part owners	300,325	371,251	70,976	98,602	6,112,411	10,029,155	9,938	15,184
Managers	66,530	106,372	6,405	8,326	1,442,657	2,354,563	39,687	60,552
Tenants	311,899	251,634	128,442	117,923	10,789,397	12,898,697	4,569	6,941
Cash	74,889	61,121	18,810	15,913	2,227,608	2,288,430	4,330	5,690
Other	237,010	190,513	109,632	102,011	8,561,788	10,610,267	4,636	7,286
White operators	1,015,112	1,100,859	305,637	337,455	32,657,036	45,112,676	6,073	8,726
Owners	657,943	767,477	182,365	222,417	21,085,091	30,680,053	6,028	8,168
Full owners	360,731	400,021	112,382	124,814	15,041,143	20,745,964	5,157	6,636
Part owners	297,212	367,456	69,983	97,603	6,043,949	9,934,089	10,393	15,775
Managers	66,263	101,776	6,328	8,227	1,427,863	2,325,753	40,070	60,783
Tenants	290,907	231,605	116,944	106,812	10,144,082	12,106,870	5,501	8,800
Cash	71,364	56,403	17,186	14,045	2,113,182	2,165,620	4,757	6,627
Other	219,543	175,203	99,758	92,767	8,030,900	9,941,250	5,737	9,477
Nonwhite operators	45,740	40,757	15,605	15,410	984,702	1,276,249	1,369	1,852
Owners	24,481	16,132	4,030	4,200	324,594	455,612	1,614	2,213
Full owners	21,368	12,337	3,036	3,201	256,132	360,547	1,528	2,059
Part owners	3,113	3,795	994	999	68,462	95,065	2,042	3,090
Managers	268	4,596	77	99	14,794	28,810	20,633	46,318
Tenants	20,992	20,029	11,498	11,111	645,315	791,827	1,248	1,640
Cash	3,525	4,719	1,624	1,867	114,426	122,810	1,629	1,629
Other	17,467	15,310	9,874	9,244	530,888	669,017	1,188	1,643

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 660.—Farms—Number, by Tenure of Operator, by States: 1940 and 1945

[For total number of farms (all tenures combined), see table 650]

Division and State	Number of farms operated by—								Tenants as percent of total number	
	Full owners		Part owners		Manager		Tenants			
	1940	1945	1940	1945	1940	1945	1940	1945	1940	1945
United States	3,084,138	3,301,361	615,039	660,502	36,351	38,885	2,361,271	1,858,421	38.7	31.7
New England	116,459	132,943	7,061	9,370	1,661	2,383	10,009	5,615	7.4	3.7
Maine	34,887	38,736	1,363	1,900	211	211	2,519	1,337	6.5	3.2
New Hampshire	14,648	16,606	694	1,274	158	238	1,054	668	6.4	3.6
Vermont	19,342	23,300	1,610	1,567	286	321	2,344	1,302	9.9	4.9
Massachusetts	27,446	33,269	1,626	1,903	560	868	2,265	967	7.1	2.6
Rhode Island	2,358	2,745	276	433	71	113	309	312	10.3	8.7
Connecticut	17,778	18,287	1,492	2,293	375	632	1,518	1,029	7.2	4.6
Middle Atlantic	269,199	270,001	24,440	35,813	3,786	4,511	50,675	37,152	14.6	10.7
New York	117,972	116,070	14,128	19,045	1,594	2,038	19,544	12,337	12.8	8.3
New Jersey	19,448	19,759	1,922	3,221	430	575	4,035	2,671	15.6	10.2
Pennsylvania	131,779	134,172	8,390	13,547	1,762	1,898	27,096	22,144	16.0	12.9
East North Central	605,092	588,434	114,813	134,460	5,848	6,346	280,342	224,557	27.9	23.5
Ohio	150,124	146,331	21,032	24,835	1,205	1,399	61,422	48,010	26.3	21.8
Indiana	107,818	108,199	23,445	26,891	1,076	978	52,210	39,902	28.3	22.7
Illinois	87,004	87,527	32,826	35,266	1,627	1,680	91,982	79,766	43.1	39.1
Michigan	133,545	126,589	21,383	27,096	861	1,047	31,800	20,536	17.0	11.7
Wisconsin	126,601	119,788	16,127	20,372	1,079	1,242	42,928	36,343	23.0	20.4
West North Central	447,208	468,942	176,304	204,908	4,662	4,057	462,400	354,086	42.4	34.3
Minnesota	103,866	103,363	29,037	34,354	631	750	63,817	50,485	32.3	26.7
Iowa	88,206	94,573	22,410	25,195	1,218	921	101,484	88,245	47.6	42.2
Missouri	133,927	145,426	29,836	31,552	1,182	810	91,155	65,146	35.6	26.8
North Dakota	18,651	22,160	21,740	27,775	194	261	33,377	19,324	45.1	27.8
South Dakota	15,053	17,329	18,750	24,898	253	312	38,398	26,166	53.0	38.1
Nebraska	35,064	33,622	21,497	24,603	554	432	63,947	53,099	52.8	47.5
Kansas	52,441	52,469	33,034	36,531	630	571	70,222	51,621	44.9	36.6
South Atlantic	519,108	583,525	64,553	57,915	5,991	6,614	429,799	395,421	42.2	37.9
Delaware	5,401	6,527	555	629	109	205	2,929	1,935	32.6	20.8
Maryland	28,737	28,386	1,721	2,564	658	832	10,994	9,493	26.1	23.0
District of Columbia	29	17	1	2	23	20	12	1	18.5	2.5
Virginia	113,510	124,383	13,164	12,219	1,104	1,273	47,107	35,176	26.9	20.3
West Virginia	71,542	78,398	4,783	4,398	378	417	22,579	14,387	22.7	14.7
North Carolina	132,451	144,450	21,784	19,835	565	550	123,476	122,577	44.4	42.6
South Carolina	50,643	59,757	9,224	7,486	507	473	77,184	80,029	56.1	54.2
Georgia	76,103	96,134	9,078	7,217	1,002	1,008	129,850	121,538	60.1	53.8
Florida	40,692	45,473	4,243	3,565	1,645	1,836	15,668	10,285	25.2	16.8
East South Central	447,286	498,413	61,134	52,090	2,327	2,182	512,602	407,144	50.1	42.4
Kentucky	149,695	159,889	18,909	14,332	466	435	83,824	63,845	33.1	26.8
Tennessee	128,591	139,072	18,852	17,615	439	390	99,735	77,354	40.3	33.0
Alabama	80,303	100,072	14,804	13,218	415	389	136,224	109,690	58.8	49.1
Mississippi	88,697	99,380	8,569	6,925	1,007	968	192,819	156,255	66.2	59.3
West South Central	361,296	427,118	90,920	83,602	5,262	4,397	506,892	362,714	52.6	41.3
Arkansas	85,842	99,694	14,794	9,904	596	561	115,442	88,610	53.3	44.6
Louisiana	52,936	58,761	7,376	6,433	528	560	89,167	63,541	59.4	49.1
Oklahoma	55,859	70,669	25,227	27,652	780	698	97,821	65,771	54.4	39.9
Texas	166,659	197,994	43,523	39,613	3,358	2,578	204,462	144,792	48.9	37.6
Mountain	128,268	119,910	45,504	51,262	2,311	2,536	57,414	38,819	24.6	18.3
Montana	17,028	16,622	12,856	14,530	297	317	11,642	6,278	27.8	16.6
Idaho	26,050	26,109	6,175	6,785	285	240	11,153	8,364	25.5	20.2
Wyoming	6,814	5,772	4,311	4,406	255	301	3,638	2,597	24.2	19.9
Colorado	22,385	22,986	9,442	10,809	471	528	19,138	13,295	37.2	27.9
New Mexico	22,164	18,232	5,866	7,088	264	299	5,811	4,076	17.0	13.7
Arizona	13,889	9,064	1,946	1,867	493	525	2,140	1,686	11.6	12.8
Utah	17,310	18,483	4,596	5,440	129	193	3,376	2,206	13.3	8.4
Nevada	2,628	2,642	312	337	117	133	516	317	14.4	9.2
Pacific	190,222	212,075	30,310	31,082	4,503	5,859	51,138	32,913	18.5	11.7
Washington	58,083	61,280	8,478	9,042	663	596	14,462	8,969	17.7	11.2
Oregon	42,296	47,847	7,841	7,934	415	521	11,277	6,823	18.2	10.8
California	89,843	102,948	13,991	14,106	3,425	4,742	25,399	17,121	19.1	12.3

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 661.—Farm Acreage, by Tenure of Operator, by States: 1940 and 1945

[In thousands of acres. For total farm acreage (all tenures combined), see table 650]

Division and state	All land in farms operated by—									
	Full owners		Part owners				Managers		Tenants	
			Total		Rented					
	1940	1945	1940	1945	1940	1945	1940	1945	1940	1945
United States	382,098	412,358	300,325	371,251	155,686	178,992	66,530	106,372	311,899	251,634
The North	162,407	170,048	113,029	143,654	56,160	66,541	7,568	9,582	152,084	124,431
The South	153,366	178,119	65,515	71,402	31,750	34,350	28,274	29,057	123,013	99,216
The West	66,326	64,191	121,781	156,195	67,777	78,101	30,688	67,732	36,801	27,987
New England:										
Maine	3,671	4,066	244	370	75	101	76	71	233	106
New Hampshire	1,484	1,616	132	238	42	72	72	97	121	67
Vermont	2,807	3,260	375	368	130	122	97	101	388	202
Massachusetts	1,489	1,650	167	216	61	78	164	167	118	45
Rhode Island	156	169	28	44	11	20	13	30	24	22
Connecticut	1,109	1,058	203	340	77	128	92	126	109	69
Middle Atlantic:										
New York	12,008	11,872	2,322	3,446	859	1,213	450	657	2,391	1,593
New Jersey	1,213	1,051	205	364	75	136	113	171	342	231
Pennsylvania	10,419	10,434	1,087	1,941	401	694	429	493	2,659	2,152
East North Central:										
Ohio	11,670	11,340	3,060	4,069	1,380	1,843	332	440	6,845	6,079
Indiana	8,949	8,898	3,833	4,952	1,858	2,373	318	331	6,700	5,846
Illinois	9,136	8,929	6,565	7,856	3,272	3,953	457	524	14,875	14,293
Michigan	11,170	10,868	3,144	4,530	1,299	1,855	318	418	3,406	2,576
Wisconsin	14,079	14,218	2,681	3,695	1,056	1,369	326	414	5,790	5,289
West North Central:										
Minnesota	13,496	14,388	7,311	8,857	3,260	3,694	229	299	11,572	9,596
Iowa	11,607	12,535	5,133	5,831	2,416	2,587	363	314	17,045	15,774
Missouri	16,083	18,102	6,145	7,460	2,793	3,317	489	463	12,022	9,254
North Dakota	6,530	8,887	16,569	22,471	8,699	10,347	241	444	14,596	9,200
South Dakota	4,012	5,091	19,542	26,579	12,202	14,299	642	1,363	15,278	9,998
Nebraska	10,282	10,644	17,098	18,832	7,105	7,359	1,585	1,869	18,380	16,408
Kansas	11,035	10,972	17,187	21,194	9,086	10,983	761	790	19,190	15,633
South Atlantic:										
Delaware	438	511	78	94	26	39	25	55	355	264
Maryland	2,412	2,368	229	376	91	147	207	278	1,349	1,177
Dist. of Columbia	(1)	(1)	(1)	(1)	(1)	(1)	2	2	(1)	(1)
Virginia	10,411	11,065	1,515	1,643	569	602	664	769	3,855	2,880
West Virginia	6,371	6,775	610	677	233	261	157	176	1,770	1,092
North Carolina	9,804	10,482	1,740	1,646	680	608	316	295	6,986	6,195
South Carolina	5,170	6,042	1,111	919	450	357	657	501	4,301	3,560
Georgia	9,942	12,350	1,624	1,396	668	510	1,027	1,137	11,090	8,793
Florida	3,688	6,402	1,670	3,569	1,202	1,878	1,636	2,281	1,343	833
East South Central:										
Kentucky	12,793	13,457	1,750	1,578	645	596	203	221	5,549	4,469
Tennessee	10,473	10,886	1,900	1,896	714	686	232	217	5,887	4,790
Alabama	8,506	10,044	2,112	2,094	896	869	376	501	8,149	6,428
Mississippi	9,915	11,534	1,316	1,220	542	502	922	1,148	7,003	5,714
West South Central:										
Arkansas	8,662	10,238	2,186	1,777	920	760	474	614	6,722	4,828
Louisiana	4,498	5,258	1,116	1,128	572	569	749	850	3,633	2,804
Oklahoma	7,841	9,841	11,057	13,435	5,546	6,527	1,136	1,475	14,769	11,410
Texas	42,442	50,865	35,500	37,954	17,996	19,440	19,490	18,538	40,252	33,980
Mountain:										
Montana	7,527	9,109	28,033	39,642	15,583	18,335	3,032	5,291	7,860	4,745
Idaho	4,128	4,812	3,974	5,519	1,890	2,470	412	668	1,784	1,504
Wyoming	3,784	3,290	16,281	19,519	7,486	8,052	5,417	7,806	2,544	2,501
Colorado	6,619	7,616	15,475	19,976	8,345	8,761	2,112	3,598	7,321	5,027
New Mexico	9,772	8,703	19,158	24,750	11,755	14,031	5,746	13,133	4,186	3,023
Arizona	9,748	1,534	8,656	11,581	6,807	9,157	6,093	23,568	1,154	1,173
Utah	3,266	3,694	2,788	4,344	1,301	1,904	704	1,850	544	421
Nevada	1,417	1,533	607	1,289	319	635	1,529	3,123	232	233
Pacific:										
Washington	4,687	5,003	6,719	7,992	3,481	3,825	733	818	3,042	2,908
Oregon	6,370	7,708	8,493	8,700	4,089	3,691	686	1,569	2,439	1,778
California	9,009	11,189	11,599	12,883	6,721	7,241	4,224	6,309	5,694	4,674

[1] 500 acres or less.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 662.—Cropland Harvested, by Tenure of Operator, by States: 1939 and 1944

[In thousands of acres. For totals (all tenures combined), see table 651]

Division and state	Cropland harvested on farms operated by—								Ratio of cropland harvested 1944 to all land in farms 1945 (percent)			
	Full owners		Part owners		Managers		Tenants		Full owners	Part owners	Managers	Tenants
	1939	1944	1939	1944	1939	1944	1939	1944				
United States	115,418	128,015	70,976	98,602	6,405	8,326	128,442	117,923	31.0	26.6	7.8	46.9
The North	66,194	73,362	43,889	65,158	2,293	2,968	74,160	70,834	43.1	45.4	31.0	56.9
The South	38,850	41,911	15,357	17,474	2,685	2,980	46,398	39,974	23.5	24.5	10.3	40.3
The West	10,375	12,743	11,731	15,969	1,427	2,378	7,884	7,115	19.9	10.2	3.5	25.4
New England:												
Maine	988	1,132	77	125	16	30	65	29	27.8	33.9	41.5	27.0
New Hampshire	307	341	31	63	10	17	24	15	21.1	26.5	17.3	22.8
Vermont	779	952	101	109	25	31	117	68	29.2	29.6	30.3	33.9
Massachusetts	347	441	56	81	28	46	26	12	26.7	37.6	27.4	27.0
Rhode Island	31	32	10	19	3	5	6	6	18.7	42.9	18.3	26.2
Connecticut	253	257	65	120	21	38	23	18	24.3	35.3	30.5	26.0
Middle Atlantic:												
New York	4,459	4,449	1,022	1,594	146	219	955	659	37.5	46.3	33.4	41.4
New Jersey	457	490	121	228	45	75	156	122	46.6	62.6	44.0	52.7
Pennsylvania	4,167	4,298	510	989	196	247	1,224	1,070	41.2	50.9	50.1	49.7
E. N. Central:												
Ohio	4,600	4,712	1,653	2,424	149	219	3,370	3,482	41.6	59.6	49.8	57.3
Indiana	3,788	4,067	2,140	3,073	159	174	3,624	3,599	45.7	62.0	52.4	61.6
Illinois	4,658	4,840	3,947	5,111	254	329	9,411	10,021	54.2	65.1	62.7	70.1
Michigan	4,670	4,689	1,520	2,338	117	167	1,556	1,327	43.1	51.6	40.0	51.5
Wisconsin	5,969	6,143	1,133	1,636	128	178	2,586	2,589	43.2	44.3	42.9	48.9
W. N. Central:												
Minnesota	7,237	7,599	4,265	4,967	114	151	7,191	5,842	52.8	56.1	50.3	60.9
Iowa	6,447	7,323	3,015	3,668	187	170	10,427	10,402	58.4	62.9	54.0	65.9
Missouri	4,845	5,509	2,509	3,146	157	157	4,889	4,091	30.4	42.2	33.8	44.2
North Dakota	2,978	4,814	6,307	10,717	85	131	6,166	5,155	54.2	47.7	29.4	56.0
South Dakota	1,613	2,503	4,424	8,411	88	154	6,172	5,456	49.2	31.6	11.3	54.6
Nebraska	3,752	4,112	4,937	6,586	231	256	8,385	8,642	38.6	35.0	13.7	52.7
Kansas	3,849	4,659	6,047	9,752	132	177	7,788	8,229	42.5	46.0	22.3	52.6
South Atlantic:												
Delaware	175	222	37	52	13	24	154	119	43.4	55.7	43.4	44.9
Maryland	892	927	104	189	82	113	531	516	39.1	50.3	40.5	43.8
Dist. of Columbia	(1)	(1)	(1)	(1)	1	1	(1)	(1)	31.4	46.3	47.5	100.0
Virginia	2,290	2,448	450	522	152	202	949	761	22.1	31.7	26.3	26.4
West Virginia	1,133	1,144	124	130	40	46	268	169	16.9	19.2	26.1	15.5
North Carolina	2,685	2,753	640	612	77	79	2,723	2,682	26.3	37.2	26.9	43.3
South Carolina	1,725	1,805	455	345	101	90	2,041	1,909	29.9	37.5	18.0	53.6
Georgia	3,126	3,051	616	445	282	280	4,779	4,048	24.7	31.9	24.6	46.0
Florida	867	1,049	210	210	189	231	414	320	16.4	5.9	10.1	38.4
E. S. Central:												
Kentucky	3,085	3,305	567	569	55	63	1,565	1,385	24.6	36.1	28.6	31.0
Tennessee	3,030	2,978	704	744	64	63	2,361	2,058	27.4	39.2	29.2	43.0
Alabama	2,513	2,415	674	608	97	101	3,827	3,039	24.0	29.0	20.2	47.3
Mississippi	2,515	2,642	374	322	366	404	3,697	3,105	22.9	26.4	35.2	54.3
W. S. Central:												
Arkansas	2,508	2,717	806	632	201	238	3,095	2,407	26.5	35.6	38.8	49.9
Louisiana	1,396	1,305	407	406	213	295	2,036	1,484	24.8	36.0	34.8	52.9
Oklahoma	2,954	3,639	3,713	5,134	139	172	5,961	5,144	37.0	38.2	11.7	45.1
Texas	7,956	9,510	5,478	6,555	613	576	11,997	10,827	18.7	17.3	3.1	31.9
Mountain:												
Montana	1,347	1,885	2,920	4,396	144	227	1,338	931	20.7	11.1	4.3	19.6
Idaho	1,246	1,475	891	1,211	54	63	744	692	30.7	22.0	9.5	46.0
Wyoming	475	523	616	877	119	149	324	296	15.9	4.5	1.9	11.8
Colorado	1,217	1,558	1,618	2,608	131	161	1,803	1,707	20.5	13.1	4.5	34.0
New Mexico	586	653	539	768	35	88	411	448	7.5	3.1	.7	14.8
Arizona	186	198	178	171	68	177	94	106	12.9	1.5	.8	9.1
Utah	554	674	271	429	18	47	123	98	18.2	9.9	2.5	23.2
Nevada	248	233	57	84	97	142	34	28	15.2	6.5	4.6	11.8
Pacific:												
Washington	1,128	1,284	1,457	1,832	86	109	899	1,066	25.7	22.9	13.3	36.6
Oregon	1,159	1,384	1,005	1,236	108	164	551	492	18.0	14.2	10.5	27.7
California	2,226	2,876	2,178	2,357	567	1,050	1,563	1,252	25.7	18.3	16.7	26.8

[1] 500 acres or less.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 663.—Value of Farms (Land and Buildings), by Tenure of Operator, by States: 1940 and 1945

[For total value of farms and average value per farm for all tenures combined, see table 650]

Division and State	Value of farms (land and buildings) in millions of dollars								Average value per farm (dollars), 1945			
	Full owners		Part owners		Managers		Tenants		Full owners	Part owners	Managers	Tenants
	1940	1945	1940	1945	1940	1945	1940	1945				
United States	15,297.3	21,106.5	6,112.4	10,029.2	1,442.7	2,354.6	10,789.4	12,898.7	6,393	15,184	60,552	6,941
The North	8,412.0	10,604.4	3,424.9	5,885.9	493.7	722.3	6,578.5	8,188.8	7,262	15,306	41,760	13,178
The South	4,582.5	6,802.1	1,350.8	1,932.6	552.4	798.6	3,230.4	3,615.6	4,508	9,982	60,530	3,103
The West	2,302.7	3,700.0	1,336.7	2,210.7	396.6	833.7	980.4	1,094.3	11,145	26,847	99,304	15,256
New England:												
Maine	107.2	138.6	6.9	13.2	3.6	4.3	6.4	3.7	3,577	6,923	20,324	2,752
N. Hamp.	51.0	63.3	4.0	8.4	3.5	5.9	3.7	2.8	3,810	6,574	24,930	4,217
Vermont	85.3	109.9	10.3	12.9	4.6	5.4	10.8	6.4	4,718	8,201	16,728	4,932
Mass.	159.1	199.6	15.2	22.7	26.2	37.7	11.6	5.2	5,999	11,926	43,484	5,395
Rhode Island	16.9	20.9	3.4	6.8	3.7	5.6	2.3	2.3	7,609	15,714	49,491	7,458
Connecticut	138.2	166.9	22.6	36.9	20.6	50.4	14.3	8.9	9,127	16,088	79,669	8,628
Middle Atlantic:												
New York	649.9	687.5	125.7	212.9	55.5	100.2	116.0	86.9	5,924	11,179	49,161	7,043
New Jersey	152.0	176.1	23.2	52.5	19.9	37.8	32.7	26.5	8,913	16,302	65,783	9,934
Pennsylvania	595.3	669.4	58.7	124.7	64.3	73.6	146.0	140.8	4,989	9,208	38,764	6,359
E. N. Central:												
Ohio	776.0	932.1	196.7	350.7	37.0	59.5	434.1	526.1	6,370	14,120	42,560	10,958
Indiana	565.5	776.0	236.8	430.6	25.3	36.4	423.9	551.4	7,172	16,013	37,183	13,818
Illinois	734.5	969.6	487.1	814.4	57.4	82.3	1,258.2	1,796.3	11,077	23,092	48,999	22,519
Michigan	579.8	710.0	142.5	281.1	25.5	40.1	164.7	168.1	5,609	10,375	38,258	8,185
Wisconsin	757.2	847.5	123.9	208.0	23.5	34.8	283.9	344.0	7,075	10,212	27,991	9,465
W. N. Central:												
Minnesota	655.7	820.8	270.6	416.1	13.8	21.0	502.9	575.8	7,941	12,112	28,033	11,405
Iowa	981.3	1,331.5	384.6	584.4	31.4	33.4	1,293.4	1,661.8	14,079	23,196	36,274	18,831
Missouri	506.4	738.5	189.7	319.5	27.0	28.2	384.2	440.8	5,078	10,125	34,838	6,766
N. Dakota	119.9	189.2	191.9	345.6	3.8	7.3	174.6	166.3	8,538	12,442	27,832	8,605
S. Dakota	93.9	155.7	171.4	331.6	5.0	11.8	235.1	265.2	8,986	13,316	37,802	10,137
Nebraska	303.5	408.3	297.8	521.9	15.0	22.6	521.5	746.5	12,144	21,211	52,226	14,058
Kansas	383.5	492.9	461.7	791.2	18.0	24.1	558.1	663.1	9,394	21,659	42,278	12,845
South Atlantic:												
Delaware	32.5	40.7	3.4	6.0	2.6	11.8	16.5	14.2	6,237	9,508	57,420	7,355
Maryland	173.0	209.2	13.2	33.2	19.1	35.2	68.6	77.2	7,370	12,942	42,342	8,131
Dist. of Col.	.5	.3	(1)	(1)	5.1	4.6	0.2	(1)	(2)	(2)	(2)	(2)
Virginia	450.8	602.7	62.7	87.7	39.5	57.9	122.0	120.5	4,845	7,181	45,498	3,425
W. Virginia	199.7	264.6	17.8	25.5	8.0	11.4	44.3	39.4	3,375	5,807	27,333	2,742
N. Carolina	376.8	538.3	64.8	87.4	13.7	16.6	281.3	360.7	3,727	4,405	30,179	2,943
S. Carolina	163.4	240.6	32.9	33.5	14.3	16.0	127.9	150.6	4,026	4,471	33,732	1,882
Georgia	214.3	353.3	32.5	39.2	23.5	29.7	210.0	232.0	3,675	5,438	29,492	1,909
Florida	191.5	314.9	27.7	44.0	75.1	115.6	30.0	23.9	6,925	12,341	62,959	2,324
E. S. Central:												
Kentucky	487.2	666.6	62.0	75.3	20.8	31.5	206.5	242.4	4,169	5,255	72,339	3,797
Tennessee	385.0	536.8	65.1	92.5	13.3	16.9	201.0	224.8	3,860	5,253	43,313	2,906
Alabama	180.9	290.5	44.6	62.8	9.5	15.0	173.8	191.4	2,903	4,749	38,610	1,745
Mississippi	211.0	331.2	30.8	38.1	34.7	59.5	198.5	218.8	3,333	5,500	61,422	1,400
W. S. Central:												
Arkansas	195.2	339.4	51.9	63.6	19.2	32.9	190.6	226.8	3,405	6,424	58,676	2,560
Louisiana	150.5	231.6	40.6	58.4	27.5	43.6	135.3	138.6	3,942	9,079	77,938	2,182
Oklahoma	236.5	346.1	237.6	375.4	21.1	28.0	336.0	356.6	4,897	13,575	40,182	5,422
Texas	933.5	1,495.2	563.2	809.9	205.3	272.3	888.0	997.6	7,552	20,444	105,635	6,890
Mountain:												
Montana	98.3	139.1	162.2	285.8	18.2	30.9	71.5	62.1	8,368	19,670	97,533	9,887
Idaho	162.9	233.9	85.2	144.0	6.8	11.2	84.3	104.1	8,960	21,227	46,838	12,451
Wyoming	45.3	54.0	70.7	118.1	17.5	31.8	25.5	28.1	9,354	26,814	105,786	10,808
Colorado	135.9	189.1	105.6	204.4	17.5	26.0	129.4	145.0	8,227	18,911	49,224	10,905
New Mexico	70.6	100.9	72.2	141.7	14.9	49.3	29.9	34.8	5,536	19,992	164,885	8,541
Arizona	59.3	101.1	48.7	73.6	26.5	86.4	19.2	26.8	11,151	39,425	164,623	15,878
Utah	92.8	148.4	40.1	80.0	4.3	14.0	17.2	19.4	8,029	14,702	72,569	8,812
Nevada	27.5	36.4	6.1	11.4	9.6	19.0	4.5	5.1	13,777	33,897	142,922	16,167
Pacific:												
Washington	296.2	455.3	158.9	257.7	18.1	31.4	120.2	155.8	7,430	28,496	52,720	17,372
Oregon	251.0	393.9	130.8	195.8	15.1	28.0	80.0	80.1	8,233	24,675	53,740	11,737
California	1,063.0	1,847.9	456.3	698.1	248.3	505.5	398.8	433.0	17,950	49,493	106,602	25,291

[1] 500 acres or less.
[2] Not shown separately.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 664.—Farms—Number, Acreage, and Value, by Color of Operator, for North and West, and by Color and Tenure of Operator, for South, by States: 1940 and 1945

[Acreage in thousands; value in thousands of dollars. For definition of white and nonwhite, see headnote, table 658, p. 605]

Division and state	Number of farms				All land in farms				Value of farms (land and buildings)	
	White		Nonwhite		White		Nonwhite		White, 1945	Nonwhite, 1945
	1940	1945	1940	1945	1940	1945	1940	1945		
United States	5,377,728	5,169,954	719,071	689,215	1,015,112	1,100,859	45,740	40,757	45,112,676	1,276,249
The North	2,567,257	2,470,049	12,702	13,529	433,641	445,671	1,447	2,045	25,352,173	49,241
New England:										
Maine	38,962	42,145	18	39	4,223	4,611	1	2	159,627	54
New Hampshire	16,552	18,782	2	4	1,809	2,017	(1)	(1)	80,388	7
Vermont	23,570	26,476	12	14	3,666	3,928	1	3	134,512	64
Massachusetts	31,416	36,653	481	354	1,932	2,073	6	6	264,162	1,071
Rhode Island	3,009	3,589	5	14	222	265	(1)	(1)	35,532	78
Connecticut	21,118	22,177	45	64	1,510	1,591	2	2	262,580	443
Middle Atlantic:										
New York	152,671	148,828	567	662	17,129	17,524	42	45	1,084,967	2,555
New Jersey	25,387	25,529	448	697	1,860	1,799	15	19	290,470	2,511
Pennsylvania	168,705	171,412	322	349	14,578	15,001	16	20	1,006,696	1,878
East North Central:										
Ohio	232,684	219,459	1,099	1,116	21,838	21,851	69	77	1,863,598	4,753
Indiana	184,169	175,594	380	376	19,783	20,003	17	24	1,792,403	1,912
Illinois	212,654	203,325	785	914	30,988	31,549	44	53	3,659,287	3,258
Michigan	186,828	174,247	761	1,021	17,998	18,334	40	58	1,195,558	3,732
Wisconsin	186,431	177,466	304	279	22,863	23,594	13	21	1,433,453	842
West North Central:										
Minnesota	197,057	188,745	294	207	32,585	33,119	22	21	1,833,248	514
Iowa	213,191	208,790	127	144	34,141	34,444	8	10	3,610,525	615
Missouri	252,410	238,937	3,690	3,997	34,565	35,101	175	178	1,515,535	11,426
North Dakota	73,369	68,789	593	731	37,812	40,783	124	218	706,254	2,068
South Dakota	70,713	67,156	1,741	1,549	38,762	41,884	712	1,148	758,587	5,712
Nebraska	120,779	111,547	283	209	47,314	47,724	30	29	1,697,388	1,821
Kansas	155,582	140,403	745	789	48,064	48,478	110	112	1,967,404	3,927
The South	2,326,904	2,215,722	680,266	665,413	339,244	347,025	30,925	30,770	12,017,072	1,131,762
Owners	1,371,034	1,513,431	173,263	189,282	208,415	238,140	10,466	11,381	8,359,959	374,733
Full owners	1,185,788	1,348,076	141,502	160,980	145,041	168,749	8,325	9,370	6,496,940	305,196
Part owners	185,246	165,355	31,361	28,252	63,374	69,391	2,141	2,011	1,863,020	69,537
Managers	13,215	12,751	365	442	28,099	28,815	175	242	786,362	12,214
All tenants	942,655	689,540	506,638	475,739	102,729	80,069	20,284	19,147	2,870,751	744,815
Croppers	242,173	176,260	299,118	270,296	14,271	10,680	9,043	8,242	489,106	395,736
South Atlantic:										
Delaware	8,369	8,605	625	691	859	888	37	36	70,568	2,126
Owner	5,611	6,692	345	464	503	586	13	18	45,417	1,275
Full owners	5,100	6,113	301	414	428	496	11	15	39,621	1,091
Part owners	511	579	44	50	75	90	3	4	5,796	184
Managers	101	195	8	10	24	54	(1)	1	11,616	156
All tenants	2,657	1,718	272	217	332	248	23	16	13,536	695
Croppers	176	75	49	29	19	10	4	3	602	140
Maryland	38,059	37,057	4,051	4,218	3,962	3,947	236	253	338,563	16,244
Owners	28,187	28,521	2,271	2,429	2,559	2,656	83	88	235,586	6,800
Full owners	26,678	26,221	2,059	2,165	2,340	2,294	72	74	203,383	5,819
Part owners	1,509	2,300	212	264	219	362	10	14	32,203	981
Managers	636	791	22	41	202	269	5	8	34,261	968
All tenants	9,236	7,745	1,758	1,748	1,201	1,021	148	156	68,716	8,475
Croppers	1,082	869	562	598	139	109	32	45	7,873	2,628
Dist. of Columbia	61	37	4	3	2	2	(1)	(1)	4,913	48
Owners	29	18	1	1	(1)	(1)	(1)	(1)	334	4
Full owners	28	16	1	1	(1)	(1)	(1)	(1)	311	4
Part owners	1	2			(1)	(1)			23	
Managers	22	18	1	2	2	2	(1)	(1)	4,569	44
All tenants	10	1	2		(1)	(1)	(1)		10	
Croppers										

[1] 500 acres or less.

No. 664.—Farms—Number, Acreage, and Value, by Color of Operator, for North and West, and by Color and Tenure of Operator, for South, by States: 1940 and 1945—Continued

[Acreage in thousands; value in thousands of dollars]

Division and state	Number of farms				All land in farms				Value of farms (land and buildings)	
	White		Nonwhite		White		Nonwhite		White, 1945	Nonwhite, 1945
	1940	1945	1940	1945	1940	1945	1940	1945		
South Atlantic—Con.										
Virginia	139,795	138,096	35,090	34,955	14,662	14,507	1,783	1,851	799,434	69,372
Owners	104,424	113,493	22,250	23,109	10,910	11,597	1,016	1,112	647,006	43,420
Full owners	94,580	104,523	18,930	19,860	9,573	10,152	838	913	567,079	35,607
Part owners	9,844	8,970	3,320	3,249	1,337	1,445	178	199	79,927	7,813
Managers	1,008	1,228	36	45	653	750	12	20	56,502	1,417
All tenants	34,303	23,375	12,804	11,801	3,099	2,160	755	720	95,926	24,536
Croppers	10,341	6,397	5,897	5,622	721	532	292	298	22,245	10,919
West Virginia	98,611	96,900	671	700	8,885	8,689	24	30	339,228	1,781
Owners	75,898	82,240	427	556	6,965	7,430	17	21	289,063	1,098
Full owners	71,146	77,875	396	523	6,356	6,755	15	20	263,609	1,015
Part owners	4,752	4,365	31	33	609	675	2	2	25,454	83
Managers	373	403	5	14	157	173	1	3	11,008	390
All tenants	22,340	14,257	239	130	1,764	1,086	6	6	39,157	293
Croppers	1,114	636	9	6	149	85	1	(1)	2,992	32
North Carolina	218,008	213,139	60,268	74,273	15,987	15,308	2,858	3,310	813,808	189,175
Owners	135,990	144,444	18,245	19,841	10,661	11,163	882	965	577,552	48,147
Full owners	118,514	128,693	13,937	15,757	9,130	9,725	673	757	501,025	37,295
Part owners	17,476	15,751	4,308	4,084	1,531	1,439	209	208	76,527	10,852
Managers	536	532	29	18	303	286	12	8	16,219	380
All tenants	81,482	68,163	41,994	54,414	5,022	3,858	1,964	2,337	220,037	140,649
Croppers	33,497	28,577	26,803	34,110	1,638	1,299	1,051	1,237	83,907	82,848
South Carolina	76,251	78,609	61,307	69,136	8,457	8,203	2,782	2,819	330,674	109,958
Owners	42,783	49,280	17,084	17,963	5,482	6,083	799	877	243,469	30,591
Full owners	37,498	45,336	13,145	14,421	4,546	5,315	624	727	215,643	24,945
Part owners	5,285	3,944	3,939	3,542	936	768	175	150	27,826	5,647
Managers	478	455	29	18	641	489	15	12	15,424	531
All tenants	32,990	28,874	44,194	51,155	2,334	1,631	1,967	1,929	71,781	78,835
Croppers	11,413	10,722	22,061	27,394	589	468	822	835	21,867	39,413
Georgia	156,901	155,486	59,132	70,411	19,252	19,017	4,431	4,658	544,308	109,936
Owners	75,163	90,999	10,018	12,352	10,721	12,721	845	1,024	368,579	23,872
Full owners	67,499	84,931	8,604	11,203	9,232	11,447	710	903	332,218	21,087
Part owners	7,664	6,068	1,414	1,149	1,489	1,275	135	121	36,361	2,884
Managers	966	964	36	44	1,010	1,117	17	20	29,108	619
All tenants	80,772	63,523	49,078	58,015	7,520	5,179	3,570	3,614	146,621	85,345
Croppers	31,631	25,179	29,303	34,499	2,463	1,707	1,758	1,747	52,918	48,613
Florida	52,490	50,724	9,758	10,435	7,883	12,572	454	511	481,971	16,429
Owners	39,420	42,571	5,515	6,467	5,103	9,647	255	323	348,860	10,050
Full owners	36,184	39,945	4,508	5,528	3,485	6,140	203	261	306,585	8,327
Part owners	3,236	2,626	1,007	939	1,618	3,507	52	61	42,275	1,723
Managers	1,605	1,790	40	46	1,613	2,263	23	17	113,971	1,622
All tenants	11,465	6,363	4,203	3,922	1,167	662	176	171	19,140	4,758
Croppers	2,345	963	1,062	1,217	181	82	51	40	2,359	1,260
East South Central:										
Kentucky	247,347	232,542	5,547	5,959	20,053	19,499	241	226	1,002,248	13,548
Owners	165,440	171,141	3,164	3,080	14,400	14,893	143	142	734,624	7,256
Full owners	146,993	157,247	2,702	2,642	12,673	13,338	120	120	660,552	6,011
Part owners	18,447	13,894	462	438	1,727	1,556	23	22	74,072	1,245
Managers	460	432	6	3	201	219	1	1	31,430	38
All tenants	81,447	60,969	2,377	2,876	5,452	4,386	97	83	236,194	6,255
Croppers	22,026	16,184	1,507	1,884	1,107	811	46	39	49,502	3,158
Tennessee	219,642	206,902	27,975	27,529	17,423	16,668	1,070	1,121	818,695	52,253
Owners	140,557	149,307	6,886	7,380	12,011	12,395	363	387	612,799	16,504
Full owners	123,198	133,139	5,393	5,933	10,202	10,587	271	299	524,363	12,402
Part owners	17,359	16,168	1,493	1,447	1,808	1,808	92	88	88,436	4,103
Managers	429	378	10	12	229	210	3	7	16,535	357
All tenants	78,656	57,217	21,079	20,137	5,183	4,063	704	727	189,361	35,392
Croppers	27,620	21,700	13,870	12,154	1,254	1,174	337	332	61,974	18,294

[1] 500 acres or less.

No. 664.—Farms—Number, Acreage, and Value, by Color of Operator, for North and West, and by Color and Tenure of Operator, for South, by States: 1940 and 1945—Continued

[Acreage in thousands; value in thousands of dollars]

Division and State	Number of farms				All land in farms				Value of farms (land and buildings)	
	White		Nonwhite		White		Nonwhite		White, 1945	Nonwhite, 1945
	1940	1945	1940	1945	1940	1945	1940	1945		
E. S. Central—Con.										
Alabama	158,382	156,139	73,364	67,230	15,586	15,600	3,557	3,468	476,811	82,932
Owners	79,415	94,908	15,692	18,382	9,521	10,896	1,097	1,243	323,627	29,664
Full owners	68,527	85,644	11,776	14,428	7,656	9,054	850	990	268,159	22,356
Part owners	10,888	9,264	3,916	3,954	1,865	1,842	247	252	55,468	7,308
Managers	394	364	21	25	363	479	13	23	14,419	600
All tenants	78,573	60,867	57,651	48,823	5,702	4,225	2,447	2,202	138,765	52,668
Croppers	22,036	15,171	19,334	15,947	1,221	889	708	616	29,759	17,955
Mississippi	131,552	121,215	159,540	142,313	13,766	14,393	5,390	5,223	452,989	194,573
Owners	73,839	80,959	23,427	25,346	9,488	10,835	1,743	1,920	319,469	49,865
Full owners	68,072	76,354	20,625	23,026	8,400	9,807	1,515	1,727	286,548	44,697
Part owners	5,767	4,605	2,802	2,320	1,088	1,028	228	193	32,921	5,169
Managers	963	909	44	59	903	1,103	20	46	57,411	2,045
All tenants	56,750	39,347	136,069	116,908	3,375	2,455	3,628	3,258	76,110	142,662
Croppers	23,373	15,036	102,110	82,038	831	554	2,084	1,685	20,631	97,841
West South Central:										
Arkansas	159,649	147,494	57,025	51,275	16,174	15,728	1,871	1,728	577,892	84,878
Owners	90,083	98,129	10,553	11,469	10,184	11,333	664	682	378,144	24,902
Full owners	76,899	89,429	8,943	10,265	8,124	9,662	538	575	318,608	20,819
Part owners	13,184	8,700	1,610	1,204	2,060	1,671	126	106	59,536	4,083
Managers	577	549	19	12	464	605	10	9	32,236	682
All tenants	68,989	48,816	46,453	39,794	5,525	3,789	1,197	1,038	167,512	59,295
Croppers	14,544	11,895	33,122	25,482	667	529	603	477	31,564	32,512
Louisiana	90,423	80,164	59,584	49,131	8,068	8,335	1,928	1,705	396,439	75,889
Owners	49,125	53,368	11,187	11,826	5,044	5,793	570	593	265,734	24,299
Full owners	43,410	48,357	9,526	10,404	4,019	4,744	479	515	211,423	20,208
Part owners	5,715	5,011	1,661	1,422	1,025	1,049	91	79	54,311	4,091
Managers	511	533	17	27	740	835	9	15	42,965	680
All tenants	40,787	26,263	48,380	37,278	2,283	1,707	1,350	1,097	87,740	50,910
Croppers	12,082	6,110	27,549	19,111	399	237	610	414	12,419	21,708
Oklahoma	166,115	153,586	13,572	11,204	33,573	35,040	1,230	1,121	1,080,343	25,811
Owners	75,003	91,778	6,083	6,543	18,258	22,592	641	685	705,215	16,267
Full owners	50,947	65,513	4,912	5,156	7,433	9,431	408	410	335,407	10,688
Part owners	24,056	26,265	1,171	1,387	10,824	13,160	233	275	369,809	5,579
Managers	766	680	14	18	1,121	1,458	15	17	27,709	338
All tenants	90,346	61,128	7,475	4,643	14,195	10,991	574	419	347,418	9,206
Croppers	3,944	2,086	1,008	358	499	435	51	29	13,290	785
Texas	365,249	339,027	52,753	45,950	134,652	138,628	3,031	2,710	3,488,188	86,810
Owners	190,067	215,583	20,115	22,024	76,605	87,519	1,336	1,301	2,264,482	40,619
Full owners	150,515	178,740	16,144	19,254	41,443	49,802	998	1,063	1,462,406	32,827
Part owners	39,552	36,843	3,971	2,770	35,162	37,716	338	238	802,076	7,792
Managers	3,330	2,530	28	48	19,471	18,503	18	35	270,979	1,349
All tenants	171,852	120,914	32,610	23,878	38,576	32,606	1,677	1,374	952,728	44,842
Croppers	24,949	14,660	14,872	9,847	2,394	1,760	593	443	75,204	17,629
The West	483,567	484,183	26,103	10,273	242,228	308,163	13,368	7,942	7,743,431	95,246
Mountain:										
Montana	40,747	36,508	1,076	1,239	46,015	57,820	436	967	510,995	6,895
Idaho	43,097	40,961	566	537	10,251	12,451	47	53	488,936	4,396
Wyoming	14,715	12,751	303	325	27,995	32,814	31	302	230,229	1,814
Colorado	51,034	47,008	402	610	31,477	35,531	50	687	557,944	6,560
New Mexico	28,541	27,895	5,564	1,800	35,344	46,451	3,516	3,157	312,810	13,940
Arizona	10,239	12,136	8,229	1,006	17,338	35,960	8,313	1,896	277,449	10,427
Utah	24,734	25,893	677	429	6,894	10,277	408	32	257,917	3,901
Nevada	3,147	2,987	426	442	3,765	5,838	20	340	70,371	1,585
Pacific:										
Washington	80,179	79,078	1,507	809	15,060	16,616	122	103	894,998	5,186
Oregon	61,206	62,687	623	438	17,919	19,666	69	88	694,213	3,562
California	125,928	136,279	6,730	2,638	30,169	34,738	356	317	3,447,568	36,980

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 665.—Mortgaged Farms—Number, Acreage, Value, and Amount of Indebtedness in Comparison with all Farms, by Tenure and Region: 1930 to 1945

Region and tenure		Farms: Total number	Farms: Mortgaged farms: Number	Farms: Mortgaged farms: Percent of total	Land in farms: All farms, acres (1,000)	Land in farms: Mortgaged farms: Acres (1,000)	Land in farms: Mortgaged farms: Percent of total	Value of farms (land and buildings): All farms ($1,000)	Value of farms: Mortgaged farms: Amount ($1,000)	Value of farms: Mortgaged farms: Percent of total	Mortgage debt: Total	Mortgage debt: Ratio to value of mortgaged farms (percent)	Mortgage debt: Debt per acre	Mortgage debt: Debt per farm	Equity per mortgaged farm
United States, all tenures	1930	6,288,648	2,523,223	40.1	986,771	(1)	(1)	47,879,838	(1)	(1)	$9,630,768	(1)	(1)	$3,817	(1)
	1935	6,812,350	2,350,313	34.5	1,054,515	(1)	(1)	32,858,844	(1)	(1)	7,584,459	(1)	(1)	3,227	(1)
	1940	6,096,799	2,363,777	38.8	1,060,852	457,374	43.1	33,641,739	15,873,779	47.2	6,586,399	41.5	$14.40	2,786	$3,929
	1945	5,859,169	1,711,665	29.2	1,141,615	371,968	32.6	46,388,926	16,353,731	35.3	4,932,942	30.2	13.26	2,882	6,672
Full owners	1930	2,911,644	1,231,668	42.3	372,450	182,081	48.9	21,123,468	10,955,133	51.9	4,337,225	39.6	23.82	3,521	5,374
	1935	3,210,224	1,270,107	39.6	390,978	181,868	46.5	14,824,645	7,338,406	49.5	3,682,364	50.2	20.25	2,899	2,879
	1940	3,084,138	1,278,312	41.4	382,098	180,452	47.2	15,297,274	7,887,163	51.6	3,353,376	42.5	18.58	2,623	3,547
	1945	3,301,361	996,592	30.2	412,358	148,917	36.1	21,106,511	8,160,104	38.7	2,687,459	32.9	18.05	2,697	5,491
Part owners (owned portion only) [2]	1930	656,750	360,033	54.8	120,748	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1935	688,867	349,058	50.7	131,703	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1940	615,039	336,416	54.7	144,639	93,882	64.9	3,564,202	2,358,403	66.2	1,105,664	46.9	11.78	3,287	3,724
	1945	460,502	272,879	41.3	192,259	89,420	46.5	5,898,871	2,854,700	48.4	872,253	30.6	9.75	3,196	7,265
Tenants and managers (and rented portion of part-owner farms)[2]	1930	2,720,254	931,522	34.2	493,573	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1935	2,913,259	731,148	25.1	531,834	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1940	2,397,622	749,049	31.2	534,115	183,040	34.3	14,780,262	5,628,213	38.1	2,127,359	37.8	11.62	(2)	(2)
	1945	1,897,306	442,194	23.3	536,998	133,631	24.9	19,383,544	5,338,927	27.5	1,373,230	25.7	10.28	(2)	(2)
The North, all tenures	1930	2,561,785	1,202,261	46.9	425,709	(1)	(1)	28,253,801	(1)	(1)	6,082,064	(1)	(1)	5,059	(1)
	1935	2,819,468	1,125,440	39.9	441,953	(1)	(1)	19,024,668	(1)	(1)	4,789,206	(1)	(1)	4,255	(1)
	1940	2,579,959	1,127,695	43.7	435,088	191,630	44.0	18,909,131	9,026,399	47.7	4,122,159	45.7	21.51	3,655	4,349
	1945	2,483,578	883,788	35.6	447,715	163,555	36.5	25,401,414	9,474,471	37.3	3,023,658	31.9	18.49	3,421	7,299
The South, all tenures	1930	3,223,816	1,067,662	33.1	343,086	(1)	(1)	12,343,593	(1)	(1)	2,061,408	(1)	(1)	1,931	(1)
	1935	3,421,923	988,780	28.8	376,206	(1)	(1)	8,736,858	(1)	(1)	1,657,153	(1)	(1)	1,676	(1)
	1940	3,007,170	1,003,319	33.4	370,168	163,471	44.2	9,716,128	4,220,891	43.4	1,502,187	35.6	9.19	1,497	2,710
	1945	2,881,135	660,309	22.9	377,795	115,409	30.5	13,148,834	4,073,520	31.0	1,184,935	29.1	10.27	1,795	4,375
The West, all tenures	1930	503,047	253,300	50.4	217,975	(1)	(1)	7,282,444	(1)	(1)	1,487,296	(1)	(1)	5,872	(1)
	1935	570,959	236,093	41.4	236,356	(1)	(1)	5,097,317	(1)	(1)	1,138,100	(1)	(1)	4,821	(1)
	1940	509,670	232,763	45.7	255,596	102,273	40.0	5,016,480	2,626,489	52.4	962,053	36.6	9.41	4,133	7,151
	1945	494,456	167,568	33.9	316,105	93,004	29.4	7,838,677	2,805,740	35.8	724,349	25.8	7.79	4,323	12,421

[1] Not available.

[2] Acres, value, and debt for part owners represent owned portion only; similar data for rented portion included with data for tenants and managers. Therefore, average debt and equity per farm are not shown for "tenants and managers" group. Cropper operations are included in the "tenants and managers" group.

Source: Department of Commerce, Bureau of the Census and Department of Agriculture, Bureau of Agricultural Economics; cooperative report, Farm-Mortgage Debt in the United States.

No. 666.—Mortgaged Farms—Number, Amount of Indebtedness, Acreage, and Value, by States: 1930 to 1945

Division and State	Total number of mortgaged farms				Percent of all farms			
	1930	1935	1940	1945	1930	1935	1940	1945
United States	2,523,223	2,350,313	2,363,777	1,711,665	40.1	34.5	38.8	29.2
New England	56,483	68,633	62,918	53,274	45.2	43.4	46.5	35.4
Maine	13,388	14,203	13,862	10,670	34.3	33.9	35.0	25.3
New Hampshire	5,746	6,822	7,048	6,058	38.6	38.6	42.6	32.2
Vermont	13,192	13,250	12,587	9,597	53.0	49.0	53.4	36.2
Massachusetts	13,873	18,190	17,152	17,128	54.2	51.8	53.8	46.3
Rhode Island	1,258	1,425	1,237	1,300	37.9	32.9	41.0	36.1
Connecticut	9,026	14,743	11,032	8,521	52.5	45.8	52.1	38.3
Middle Atlantic	144,576	144,876	139,627	112,727	40.4	36.4	40.1	32.4
New York	72,472	74,141	70,580	55,828	45.4	41.9	46.1	37.3
New Jersey	12,890	12,889	12,834	10,785	50.8	43.9	49.7	41.1
Pennsylvania	59,214	57,846	56,213	46,114	34.3	30.2	33.3	26.8
East North Central	438,141	416,356	430,732	323,707	45.3	38.4	42.8	33.9
Ohio	78,121	77,714	86,586	60,941	35.6	30.5	37.0	27.6
Indiana	82,542	79,115	86,600	65,790	45.5	39.4	46.9	37.4
Illinois	87,322	71,700	74,390	50,458	40.7	31.0	34.9	24.7
Michigan	82,911	82,361	85,321	65,391	49.0	41.9	45.5	37.3
Wisconsin	107,245	105,466	97,835	81,127	59.0	52.8	52.4	45.6
West North Central	563,061	495,575	494,418	394,080	50.6	42.0	45.3	38.2
Minnesota	93,936	87,763	95,594	83,255	50.7	43.2	48.4	44.1
Iowa	112,600	96,791	102,793	86,867	52.4	43.6	48.2	41.6
Missouri	114,911	100,423	108,703	81,466	44.0	36.1	42.4	33.5
North Dakota	49,124	44,937	33,635	27,648	63.0	53.1	45.5	39.8
South Dakota	46,041	37,436	29,700	27,120	55.4	44.9	41.0	39.5
Nebraska	67,953	58,286	54,246	41,113	52.5	43.6	44.8	36.8
Kansas	78,496	69,939	69,747	46,602	47.3	40.1	44.6	33.0
South Atlantic	298,212	277,609	297,795	209,537	28.2	24.2	29.2	20.1
Delaware	3,732	2,996	3,272	2,706	38.4	28.9	36.4	29.1
Maryland [1]	16,404	13,908	15,781	13,884	37.9	31.2	37.4	33.6
Virginia	39,039	43,451	43,415	30,072	22.9	22.0	24.8	17.4
West Virginia	15,182	17,301	19,192	12,411	18.4	16.5	19.3	12.7
North Carolina	78,070	76,251	80,910	48,341	27.9	25.3	29.1	16.8
South Carolina	50,791	41,829	40,792	32,892	32.2	25.3	29.7	22.3
Georgia	79,663	65,354	74,033	57,361	31.2	26.1	34.3	25.4
Florida	15,331	16,519	20,400	11,870	26.0	22.7	32.8	19.4
East South Central	317,958	325,005	374,352	222,558	29.9	28.6	36.6	23.2
Kentucky	59,064	65,236	67,387	44,713	24.0	23.4	26.6	18.7
Tennessee	59,866	64,979	74,618	42,942	24.4	23.7	30.1	18.3
Alabama	89,890	83,011	97,204	60,419	34.9	30.4	41.9	27.0
Mississippi	109,138	111,779	135,143	74,484	34.9	35.9	46.4	28.3
West South Central	451,492	386,166	331,172	228,214	40.9	34.0	34.3	26.0
Arkansas	93,518	80,734	72,916	47,509	38.6	31.9	33.7	23.9
Louisiana	55,030	50,447	51,843	28,872	34.1	29.6	34.6	22.3
Oklahoma	103,863	78,729	69,523	50,387	51.0	36.9	38.7	30.6
Texas	199,081	176,256	136,890	101,446	40.2	35.2	32.7	26.4
Mountain	117,850	102,649	100,091	68,460	48.8	37.8	42.9	32.2
Montana	25,263	21,091	18,143	10,544	53.2	41.7	43.4	27.9
Idaho	23,523	20,651	23,647	17,124	56.4	45.8	54.2	41.3
Wyoming	8,683	7,704	7,973	5,845	54.2	44.1	53.1	44.7
Colorado	30,657	24,979	22,818	16,357	51.1	39.2	44.4	34.4
New Mexico	7,876	8,216	8,934	5,291	25.1	19.9	26.2	17.8
Arizona	5,710	5,035	4,551	3,731	40.3	26.8	24.6	28.4
Utah	14,618	13,256	12,675	8,634	53.8	43.2	49.9	32.8
Nevada	1,520	1,717	1,350	934	44.2	46.5	37.8	27.2
Pacific	135,450	133,444	132,672	99,108	51.8	44.6	48.0	35.2
Washington	35,830	36,260	37,650	22,934	50.5	43.0	46.1	28.7
Oregon	28,404	29,740	29,716	20,809	51.5	45.9	48.1	33.0
California	71,216	67,444	65,306	55,365	52.5	44.9	49.2	39.9

[1] Includes data for District of Columbia.

No. 666.—Mortgaged Farms—Number, Amount of Indebtedness, Acreage, and Value, by States: 1930 to 1945—Continued

Division and state	Total amount of farm-mortgage debt ($1,000)		All mortgaged farms: Acreage (1,000)		Value of land and buildings ($1,000)		Ratio of debt to value (percent)	
	1940	1945	1940	1945	1940	1945	1940	1945
United States	6,586,399	4,932,942	457,374	371,968	15,873,779	16,353,731	41.5	30.2
New England	150,499	114,860	6,380	5,208	390,499	358,160	38.5	32.1
Maine	24,757	16,713	1,659	1,322	57,622	50,895	43.0	32.8
New Hampshire	11,220	9,706	794	650	30,254	27,649	37.1	35.1
Vermont	27,814	21,975	2,099	1,643	65,070	54,385	42.7	40.4
Massachusetts	45,845	36,778	1,007	934	112,982	117,631	40.6	31.3
Rhode Island	4,121	3,583	77	77	10,745	12,143	38.4	29.5
Connecticut	36,742	26,105	744	583	113,827	95,457	32.3	27.3
Middle Atlantic	372,155	293,793	14,360	11,801	918,578	831,371	40.5	35.3
New York	191,786	147,200	8,245	6,765	460,258	418,734	41.7	35.2
New Jersey	48,791	39,235	935	744	118,812	123,378	41.1	31.8
Pennsylvania	131,578	107,358	5,180	4,292	339,508	289,259	38.8	37.1
East North Central	1,425,539	1,020,938	50,268	40,246	3,349,253	3,472,210	42.6	29.4
Ohio	239,059	167,463	8,211	5,992	590,214	528,859	40.5	31.7
Indiana	236,266	176,468	9,797	7,785	628,671	694,248	37.6	25.4
Illinois	418,970	269,947	11,628	8,801	1,035,561	1,136,846	40.5	23.7
Michigan	174,308	144,988	8,177	6,983	425,521	446,994	41.0	32.4
Wisconsin	356,936	262,072	12,455	10,684	669,286	665,263	53.3	39.4
West North Central	2,173,966	1,594,067	120,622	106,300	4,368,069	4,812,730	49.8	33.1
Minnesota	375,990	304,641	16,463	15,127	764,507	864,356	49.2	35.2
Iowa	705,589	525,939	17,220	15,154	1,399,408	1,584,858	50.4	33.2
Missouri	229,377	197,529	14,995	12,434	506,368	562,861	45.3	35.1
North Dakota	141,230	91,461	15,528	14,048	246,170	260,868	57.4	35.1
South Dakota	127,706	98,788	12,871	14,303	225,875	275,337	56.5	35.9
Nebraska	309,826	204,174	22,623	19,019	566,418	649,611	54.7	31.4
Kansas	284,248	171,535	20,923	16,216	659,323	614,839	43.1	27.9
South Atlantic	405,057	335,712	32,397	24,238	1,161,007	1,088,358	34.9	30.8
Delaware	7,957	6,498	313	282	20,628	20,281	38.6	32.0
Maryland [1]	46,675	40,627	1,810	1,564	118,939	128,688	39.2	31.6
Virginia	72,299	61,765	4,655	3,602	209,374	220,114	34.5	28.1
West Virginia	21,969	18,658	1,989	1,456	67,914	59,724	32.3	31.2
North Carolina	90,071	73,917	5,890	3,955	255,162	223,242	35.3	33.1
South Carolina	45,948	37,590	4,160	3,048	136,091	118,759	33.8	31.7
Georgia	82,037	66,344	9,895	7,535	216,320	203,727	37.9	32.6
Florida	38,101	30,313	3,686	2,796	136,578	113,823	27.9	26.6
East South Central	384,094	297,320	31,710	20,606	1,021,144	925,198	37.6	32.1
Kentucky	109,253	81,579	6,674	4,486	300,457	276,311	36.4	29.5
Tennessee	92,614	65,433	6,631	4,033	260,660	210,227	35.5	31.1
Alabama	81,859	66,564	9,320	6,120	207,026	188,291	39.5	35.4
Mississippi	100,368	83,744	9,085	5,967	253,001	250,369	39.7	33.4
West South Central	713,036	551,903	99,363	70,566	2,038,740	2,059,964	35.0	26.8
Arkansas	72,513	63,695	6,733	5,036	207,972	224,206	34.9	28.4
Louisiana	55,098	48,070	3,813	3,043	148,429	153,409	37.1	31.3
Oklahoma	153,679	116,780	15,917	12,887	403,248	383,736	38.1	30.4
Texas	431,746	323,358	72,901	49,600	1,279,090	1,298,613	33.8	24.9
Mountain	357,190	262,291	70,969	66,387	943,434	959,294	37.9	27.3
Montana	66,118	41,684	18,402	15,777	170,412	152,659	38.8	27.3
Idaho	78,763	58,494	5,737	5,144	207,539	216,590	38.0	27.0
Wyoming	34,009	24,951	13,881	12,555	92,815	97,749	36.6	25.5
Colorado	75,005	58,064	13,187	12,483	188,098	197,413	39.9	29.4
New Mexico	27,499	24,924	11,478	12,754	90,178	102,676	30.5	24.3
Arizona	28,933	22,334	2,644	3,096	77,484	78,724	37.3	28.4
Utah	36,650	25,720	3,745	3,237	91,252	92,875	40.2	27.7
Nevada	10,213	6,120	1,895	1,340	25,655	20,608	39.8	29.7
Pacific	604,863	462,058	31,303	26,617	1,683,055	1,846,446	35.9	25.0
Washington	106,857	73,995	6,791	4,609	294,278	261,355	36.3	28.3
Oregon	90,421	69,218	9,963	8,418	249,403	253,914	36.3	27.3
California	407,585	318,845	14,549	13,590	1,139,374	1,331,177	35.8	24.0

[1] Includes data for District of Columbia.

Source: Department of Commerce, Bureau of the Census and Department of Agriculture, Bureau of Agricultural Economics; cooperative report, Farm-Mortgage Debt in the United States.

No. 667.—Mortgaged Farms—Number by Tenure of Operator, by States: 1940 and 1945

Division and State	Number operated by full owners		Percent of all full-owner farms		Number operated by part owners		Percent of all part-owner farms		Number operated by tenants and managers	
	1940	1945	1940	1945	1940	1945	1940	1945	1940	1945
United States	1,278,312	996,592	41.4	30.2	336,416	272,879	54.7	41.3	749,049	442,194
New England	54,530	46,741	46.8	35.2	4,092	4,604	58.0	49.1	4,296	1,929
Maine	12,529	9,710	35.9	25.1	675	695	49.5	36.6	658	265
New Hampshire	6,196	5,258	42.3	31.7	326	551	47.0	43.2	526	249
Vermont	10,621	8,495	54.9	36.5	975	764	60.6	48.8	991	338
Massachusetts	14,876	15,381	54.2	46.2	1,046	1,192	64.3	62.6	1,230	555
Rhode Island	993	977	42.1	35.6	144	218	52.2	50.3	100	105
Connecticut	9,315	6,920	52.4	37.8	926	1,184	62.1	51.6	791	417
Middle Atlantic	112,765	90,340	41.9	33.5	12,661	14,286	51.8	39.9	14,201	8,101
New York	56,166	44,216	47.6	38.1	7,855	8,122	55.6	42.6	6,559	3,490
New Jersey	10,214	8,455	52.5	42.8	1,161	1,547	60.4	48.0	1,459	783
Pennsylvania	46,385	37,669	35.2	28.1	3,645	4,617	43.4	34.1	6,183	3,828
East North Central	287,130	212,916	47.5	36.2	64,447	57,451	56.1	42.7	79,155	53,340
Ohio	60,373	41,812	40.2	28.6	10,761	9,005	51.2	36.3	15,452	10,124
Indiana	52,691	40,403	48.9	37.3	14,520	14,070	61.9	52.3	19,389	11,317
Illinois	35,679	23,387	41.0	26.7	16,219	11,238	49.4	31.9	22,492	15,833
Michigan	62,873	47,103	47.1	37.2	12,355	11,895	57.8	43.9	10,093	6,393
Wisconsin	75,514	60,211	59.6	50.3	10,592	11,243	65.7	55.2	11,729	9,673
West North Central	240,587	200,545	53.8	42.8	118,207	103,615	67.0	50.6	135,624	89,920
Minnesota	56,691	48,743	54.6	47.2	19,208	19,162	66.2	55.8	19,695	15,350
Iowa	54,191	48,981	61.4	51.8	15,118	14,142	67.5	56.1	33,484	23,744
Missouri	63,182	53,171	47.2	36.6	17,935	13,835	60.1	43.8	27,586	14,460
North Dakota	11,595	9,873	62.2	44.6	15,852	13,747	72.9	49.5	6,188	4,028
South Dakota	8,139	7,593	54.1	43.8	12,772	13,005	68.1	52.2	8,789	6,531
Nebraska	20,182	14,427	57.6	42.9	15,085	12,225	70.2	49.7	18,979	14,461
Kansas	26,607	17,757	50.7	33.8	22,237	17,499	67.3	47.9	20,903	11,346
South Atlantic	155,221	119,371	29.9	20.5	22,686	13,802	35.1	23.8	119,888	76,364
Delaware	2,338	2,102	43.3	32.2	259	239	46.7	38.0	675	365
Maryland [1]	11,696	10,160	40.6	35.8	888	1,091	51.6	42.5	3,197	2,633
Virginia	28,369	21,508	25.0	17.3	4,043	2,772	30.7	22.7	11,003	5,792
West Virginia	13,840	9,930	19.3	12.7	1,067	760	22.3	17.3	4,285	1,721
North Carolina	38,975	24,821	29.4	17.2	7,648	4,084	35.1	20.6	34,287	19,436
South Carolina	17,863	15,016	35.3	25.1	3,333	1,920	36.1	25.6	19,596	15,956
Georgia	29,845	27,520	39.2	28.6	3,843	2,131	42.3	29.5	40,345	27,710
Florida	12,295	8,314	30.2	18.3	1,605	805	37.8	22.6	6,500	2,751
East South Central	150,523	100,918	33.7	20.2	24,081	15,238	39.4	29.3	199,748	106,402
Kentucky	39,992	28,926	26.7	18.1	6,112	3,843	32.3	26.8	21,283	11,944
Tennessee	35,969	23,369	28.0	16.8	6,952	4,572	36.9	26.0	31,697	15,001
Alabama	35,285	24,552	43.9	24.5	6,932	4,495	46.8	34.0	54,987	31,372
Mississippi	39,277	24,071	44.3	24.2	4,085	2,328	47.7	33.6	91,781	48,085
West South Central	128,333	110,954	35.5	26.0	44,170	29,477	48.6	35.3	158,669	87,783
Arkansas	27,676	20,777	32.2	20.8	5,716	2,930	38.6	29.6	39,524	23,802
Louisiana	18,229	11,333	34.4	19.3	2,908	1,758	39.4	27.3	30,706	15,781
Oklahoma	24,872	23,263	44.5	32.9	14,997	12,537	59.4	45.3	29,654	14,587
Texas	57,556	55,581	34.5	28.1	20,549	12,252	47.2	30.9	58,785	33,613
Mountain	54,731	38,327	42.7	32.0	27,328	20,998	60.1	41.0	18,032	9,135
Montana	7,974	4,677	46.8	28.1	7,476	4,820	58.2	33.2	2,693	1,047
Idaho	14,856	11,270	57.0	43.2	4,189	3,439	67.8	50.7	4,602	2,415
Wyoming	3,724	2,535	54.7	43.9	2,976	2,555	69.0	58.0	1,273	755
Colorado	11,439	8,305	51.1	36.1	6,159	5,051	65.2	46.7	5,220	3,001
New Mexico	4,053	2,329	18.3	12.8	2,614	2,051	44.6	28.9	2,267	911
Arizona	2,823	2,515	20.3	27.7	1,003	735	51.5	59.4	725	481
Utah	8,891	5,944	51.4	32.2	2,765	2,239	60.2	41.2	1,019	451
Nevada	971	752	36.9	28.5	146	108	46.8	32.0	233	74
Pacific	94,492	76,480	49.7	36.1	18,744	13,408	61.8	43.1	19,436	9,220
Washington	27,528	18,035	47.4	29.4	5,130	3,084	60.5	34.1	4,992	1,815
Oregon	20,796	15,985	49.2	33.4	4,920	3,235	62.7	40.8	4,000	1,589
California	46,168	42,460	51.4	41.2	8,694	7,089	62.1	50.3	10,444	5,816

[1] Includes data for District of Columbia.

Source: Department of Commerce, Bureau of the Census and Department of Agriculture, Bureau of Agricultural Economics; cooperative report, Farm-Mortgage Debt in the United States.

No. 668.—Farm-Mortgage Debt—Total Amount Outstanding, by States, as of January 1: 1940 to 1947

[Thousands of dollars]

Division and state	1940	1941	1942	1943	1944	1945	1946	1947
United States	6,586,399	6,491,435	6,372,277	5,950,975	5,389,080	4,932,942	4,681,720	4,777,355
New England	150,499	147,507	141,102	131,847	121,934	114,860	109,247	110,082
Maine	24,757	24,003	22,566	20,507	17,972	16,713	16,431	17,681
New Hampshire	11,220	11,318	11,117	10,501	9,932	9,706	9,584	9,822
Vermont	27,814	27,051	25,412	23,813	22,327	21,975	22,814	25,768
Massachusetts	45,845	46,091	44,513	42,329	39,524	36,778	32,950	30,361
Rhode Island	4,121	3,962	3,918	3,749	3,529	3,583	3,569	3,544
Connecticut	36,742	35,082	33,576	30,948	28,650	26,105	23,899	22,906
Middle Atlantic	372,155	362,829	354,931	339,353	314,454	293,793	284,801	307,975
New York	191,786	185,605	179,855	172,520	158,584	147,200	144,002	151,922
New Jersey	48,791	48,637	48,475	46,215	41,632	39,235	37,955	40,619
Pennsylvania	131,578	128,587	126,601	120,618	114,238	107,358	102,844	115,434
East North Central	1,425,539	1,408,218	1,370,561	1,265,046	1,123,408	1,020,938	966,659	961,627
Ohio	239,059	233,312	226,070	206,010	184,843	167,463	160,916	162,263
Indiana	236,266	237,168	233,335	214,775	191,603	176,468	168,391	169,400
Illinois	418,970	410,999	399,503	361,585	309,466	269,947	248,260	230,713
Michigan	174,308	175,879	175,437	166,059	152,552	144,988	144,940	155,705
Wisconsin	356,936	350,860	336,216	316,617	284,944	262,072	244,152	243,546
West North Central	2,173,966	2,120,714	2,090,516	1,968,423	1,776,947	1,594,067	1,440,506	1,362,276
Minnesota	375,990	375,808	374,627	351,929	324,655	304,641	273,364	257,698
Iowa	705,589	690,573	686,500	657,128	593,153	525,939	478,470	437,801
Missouri	229,377	231,983	234,767	219,933	209,281	197,529	193,533	198,389
North Dakota	141,230	134,690	131,433	127,484	110,390	91,461	80,778	76,146
South Dakota	127,706	120,720	119,459	115,309	107,451	98,788	87,222	83,109
Nebraska	309,826	289,943	280,965	262,329	231,652	204,174	175,923	160,983
Kansas	284,248	276,997	262,765	234,311	200,365	171,535	151,216	148,150
South Atlantic	405,057	408,509	412,401	387,828	362,445	335,712	344,283	391,567
Delaware	7,957	7,868	7,882	7,211	6,436	6,498	6,174	7,287
Maryland [1]	46,675	45,386	45,253	43,655	41,819	40,627	39,975	43,883
Virginia	72,299	72,084	71,364	67,142	64,743	61,765	64,685	72,256
West Virginia	21,969	22,176	21,843	20,870	19,270	18,658	17,870	20,229
North Carolina	90,071	93,840	96,314	88,394	80,192	73,917	76,810	87,836
South Carolina	45,948	45,383	47,671	42,611	39,843	37,590	37,868	40,542
Georgia	82,037	82,817	85,736	81,264	74,249	66,344	69,538	78,919
Florida	38,101	38,955	36,338	36,681	35,893	30,313	31,363	40,615
East South Central	384,094	389,216	383,431	355,477	323,602	297,320	299,977	322,368
Kentucky	109,253	109,993	107,768	98,970	89,016	81,579	79,125	82,650
Tennessee	92,614	92,577	87,888	79,381	71,818	65,433	65,830	70,121
Alabama	81,859	84,280	86,150	81,838	74,460	66,564	66,306	70,255
Mississippi	100,368	102,366	101,625	95,288	88,308	83,744	88,716	99,342
West South Central	713,036	709,687	707,300	661,398	603,331	551,903	518,136	544,389
Arkansas	72,513	73,862	74,655	71,707	67,654	63,695	66,536	72,477
Louisiana	55,098	55,968	56,670	53,583	50,356	48,070	51,693	55,826
Oklahoma	153,679	152,996	152,230	141,875	129,839	116,780	107,829	111,400
Texas	431,746	426,861	423,745	394,233	355,482	323,358	292,078	304,686
Mountain	357,190	353,808	343,773	313,430	279,014	262,291	257,843	281,508
Montana	66,118	65,543	61,068	53,233	46,187	41,684	39,904	40,912
Idaho	78,763	79,732	79,377	73,767	65,521	58,494	54,768	56,522
Wyoming	34,009	34,014	32,519	29,416	26,223	24,951	24,025	25,414
Colorado	75,005	74,449	73,303	66,680	60,136	58,064	59,444	66,738
New Mexico	27,499	25,938	24,828	23,872	23,727	24,924	25,092	29,477
Arizona	28,933	28,002	27,371	25,424	23,005	22,334	22,541	27,117
Utah	36,650	36,600	35,769	33,011	27,570	25,720	25,592	27,805
Nevada	10,213	9,530	9,538	8,027	6,645	6,120	6,477	7,523
Pacific	604,863	590,947	568,262	528,173	483,945	462,053	460,268	495,563
Washington	106,857	104,305	100,114	91,411	81,339	73,995	73,527	74,093
Oregon	90,421	88,556	86,732	81,115	74,448	69,218	68,779	78,862
California	407,585	398,086	381,416	355,647	328,158	318,845	317,962	342,608

[1] Includes District of Columbia.

Source: Department of Agriculture, Bureau of Agricultural Economics; The Balance Sheet of Agriculture, 1947.

No. 669.—Value of Farm Property and Farm Debt: 1910 to 1947

[In millions of dollars]

Year	Value of farm property January 1			Total farm debt [1]	Farmers' equity
	Total	Real estate	Other		
1910	41,961	34,801	7,160	4,444	37,517
1915	48,469	39,597	8,872	6,677	41,792
1920	80,327	66,316	14,011	12,321	68,006
1925	58,309	49,468	8,841	12,687	45,622
1930	58,378	47,880	10,498	12,016	46,362
1932	43,883	37,236	6,647	10,728	33,155
1933	36,278	30,724	5,554	9,791	26,487
1934	37,618	31,933	5,685	8,957	28,661
1935	38,738	32,859	5,879	8,736	30,002
1936	41,692	33,910	7,782	8,575	33,117
1937	42,708	34,757	7,951	8,407	34,301
1938	43,075	34,747	8,328	8,479	34,596
1939	42,338	33,931	8,407	8,637	33,701
1940	42,110	33,642	8,468	8,263	33,847
1941	42,341	33,497	8,844	8,261	34,080
1942	46,854	35,331	11,523	8,120	38,734
1943	53,325	37,855	15,470	7,615	45,710
1944	58,997	42,532	16,465	7,037	51,960
1945	63,483	46,389	17,094	6,616	56,867
1946	70,001	52,114	17,887	6,685	63,316
1947	79,849	58,604	21,245	(2)	(2)

[1] Farm mortgage debt Jan. 1 plus annual average of short-term debt held by commercial banks and Federal agencies. Because of seasonal variation in short-term debt, annual average is used in preference to Jan. 1 amount.
[2] Not available.

Source: Department of Agriculture, Bureau of Agricultural Economics; 1910–39, Net Farm Income and Parity Report, 1943; 1940–47, The Farm Income Situation, June–July 1947.

No. 670.—Farms Operated by Full Owners, 1930 and 1940, and by Part Owners, 1940, by Color and Age of Operator, by Mortgage Status

Age group	Farms operated by full owners						Farms operated by part owners, 1940		
	Total		White		Nonwhite		Total	White	Nonwhite
	1930	1940	1930	1940	1930	1940			
Total	2,911,644	3,084,138	2,752,787	2,916,562	158,857	167,576	615,039	581,517	33,522
Reporting age	2,808,122	2,957,775	2,654,676	2,796,788	153,446	160,987	594,334	562,227	32,107
Under 25	37,395	39,870	34,233	35,918	3,162	3,952	7,648	7,110	538
25 to 34	250,764	267,708	237,485	251,517	13,279	16,191	65,098	62,136	2,962
35 to 44	576,845	526,140	549,577	498,853	27,268	27,287	141,980	135,324	6,656
45 to 54	747,751	759,354	704,982	720,688	42,769	38,666	191,512	181,697	9,815
55 to 64	678,233	728,164	640,653	691,845	37,580	36,319	131,569	123,924	7,645
65 years and over	517,134	636,539	487,746	597,967	29,388	38,572	56,527	52,036	4,491
Not reporting age	103,522	126,363	98,111	119,774	5,411	6,589	20,705	19,290	1,415
Free from mortgage, total	1,569,178	1,685,707	1,474,715	1,575,723	94,463	109,984	262,783	242,169	20,614
Reporting age	1,519,225	1,623,517	1,427,012	1,517,423	92,213	106,094	253,889	234,093	19,796
Under 25	18,671	20,898	16,748	18,108	1,923	2,790	3,670	3,326	344
25 to 34	106,799	126,848	99,002	115,992	7,797	10,856	27,042	25,187	1,855
35 to 44	251,900	251,050	236,110	233,063	15,790	17,987	56,917	52,799	4,118
45 to 54	380,235	383,362	355,597	358,865	24,638	24,497	77,830	71,984	5,846
55 to 64	401,692	412,787	379,071	389,407	22,621	23,380	58,611	53,914	4,697
65 years and over	359,928	428,572	340,484	401,988	19,444	26,584	29,819	26,883	2,936
Not reporting age	49,953	62,190	47,703	58,300	2,250	3,890	8,894	8,076	818
Mortgaged, total	1,157,848	1,198,276	1,113,311	1,158,070	44,537	40,206	320,185	311,000	9,185
Reporting age	1,125,163	1,162,186	1,081,602	1,123,396	43,561	38,790	310,204	301,401	8,803
Under 25	14,625	13,844	13,942	13,278	683	566	3,167	3,049	118
25 to 34	127,117	118,681	123,647	115,413	3,470	3,268	33,310	32,602	708
35 to 44	293,871	243,310	285,738	236,958	8,133	6,352	77,405	75,653	1,752
45 to 54	327,538	336,639	313,997	326,136	13,541	10,503	105,114	102,194	2,920
55 to 64	238,524	278,503	227,431	268,822	11,093	9,681	67,202	65,014	2,188
65 years and over	123,488	171,209	116,847	162,789	6,641	8,420	24,006	22,889	1,117
Not reporting age	32,685	36,090	31,709	34,674	976	1,416	9,981	9,599	382

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Vol. III.

No. 671.—Farm Labor—Farms Reporting, Persons Working on Farms First Week of Jan. 1945, and Wages Paid, 1944

[Relates to persons 14 years old and over working equivalent of 2 or more days during first week of January 1945. Excludes housework and contract construction work. For annual and quarterly data, see tables 210–212, pp. 198 and 199]

Division and state	Family and/or hired workers		Family workers		Hired workers		Cash wages paid for hired labor in 1944	
	Farms reporting	Persons working	Farms reporting	Persons working	Farms reporting	Persons working	Farms reporting	Amount ($1,000)
United States	**5,155,346**	**8,373,239**	**5,111,005**	**7,624,898**	**402,489**	**748,341**	**2,799,026**	**1,861,026**
New England	**117,184**	**182,269**	**115,271**	**150,624**	**16,286**	**31,645**	**63,659**	**77,399**
Maine	30,644	41,745	30,396	37,319	2,707	4,426	17,955	18,516
New Hampshire	14,826	22,746	14,667	19,728	1,651	3,018	7,298	5,956
Vermont	20,447	34,002	20,171	28,884	3,601	5,118	13,877	9,604
Massachusetts	28,949	46,613	28,142	35,462	4,666	11,151	14,179	21,845
Rhode Island	3,333	6,281	3,286	5,129	476	1,152	1,610	2,589
Connecticut	18,985	30,882	18,609	24,102	3,185	6,780	8,740	18,890
Middle Atlantic	**312,315**	**538,424**	**308,105**	**456,814**	**49,613**	**81,610**	**179,763**	**161,288**
New York	133,539	230,728	131,380	188,796	25,829	41,932	80,847	79,652
New Jersey	24,476	47,658	24,100	35,585	5,842	12,073	14,339	30,185
Pennsylvania	154,300	260,038	152,625	232,433	17,942	27,605	84,577	51,452
East North Central	**856,336**	**1,380,952**	**849,342**	**1,273,454**	**79,297**	**107,498**	**486,270**	**227,248**
Ohio	195,455	303,455	194,186	283,899	13,249	19,556	95,172	42,355
Indiana	157,030	240,495	156,033	226,830	9,770	13,665	78,913	30,984
Illinois	186,305	298,686	184,185	269,642	21,188	29,044	115,973	63,142
Michigan	150,386	232,518	149,405	217,569	10,304	14,949	80,148	39,692
Wisconsin	167,160	305,798	165,533	275,514	24,786	30,284	116,064	51,075
West North Central	**961,255**	**1,570,046**	**955,777**	**1,473,533**	**74,879**	**96,513**	**609,344**	**269,558**
Minnesota	175,663	299,790	174,704	280,205	15,887	19,585	118,437	47,507
Iowa	197,803	308,387	196,542	285,209	19,691	23,178	124,831	56,880
Missouri	221,559	333,524	220,262	317,159	11,129	16,365	109,298	40,481
North Dakota	63,600	106,256	63,149	99,500	5,510	6,756	53,983	34,785
South Dakota	64,871	109,644	64,540	103,464	4,873	6,180	47,027	20,351
Nebraska	107,690	197,757	107,260	184,705	9,579	13,052	69,369	32,143
Kansas	130,069	214,688	129,320	203,291	8,210	11,397	86,399	37,410
South Atlantic	**890,082**	**1,444,094**	**881,723**	**1,322,109**	**52,748**	**121,985**	**483,650**	**215,693**
Delaware	8,390	14,456	8,299	12,191	1,105	2,265	4,983	5,191
Maryland	34,785	64,821	33,761	51,761	7,778	13,060	25,438	23,333
District of Columbia	36	208	34	39	17	169	21	273
Virginia	140,887	209,559	139,027	191,585	9,372	17,974	76,946	34,726
West Virginia	74,931	113,498	74,527	109,732	2,096	3,766	37,216	8,560
North Carolina	251,954	395,909	250,783	381,183	8,923	14,726	152,173	41,458
South Carolina	134,938	221,749	133,735	207,395	7,145	14,354	64,962	22,168
Georgia	192,036	314,143	190,504	294,486	9,240	19,657	90,605	31,470
Florida	52,125	109,751	51,053	73,737	7,072	36,014	31,306	48,515
East South Central	**816,633**	**1,261,054**	**813,038**	**1,214,819**	**25,457**	**46,235**	**300,757**	**87,427**
Kentucky	214,380	317,876	213,118	301,352	9,985	16,524	93,788	27,921
Tennessee	207,118	307,459	206,321	296,292	6,722	11,167	84,090	18,598
Alabama	188,383	293,539	187,523	281,958	5,733	11,581	67,726	17,572
Mississippi	206,752	342,180	206,076	335,217	3,017	6,963	55,153	23,335
West South Central	**774,141**	**1,239,232**	**768,225**	**1,147,839**	**43,849**	**91,393**	**378,724**	**258,122**
Arkansas	169,672	260,384	168,886	251,528	4,694	8,856	61,949	35,226
Louisiana	112,896	184,847	112,136	165,893	5,633	18,954	42,024	30,102
Oklahoma	149,185	233,890	148,574	223,858	6,552	10,032	81,970	38,237
Texas	342,388	560,111	338,629	506,560	26,970	53,551	192,781	154,555
Mountain	**187,795**	**325,299**	**185,337**	**273,271**	**23,352**	**52,028**	**132,587**	**162,852**
Montana	34,010	59,629	33,534	49,387	5,677	10,242	25,332	27,451
Idaho	36,577	57,282	36,284	52,267	2,865	5,015	28,836	29,415
Wyoming	12,106	22,739	11,900	17,685	2,132	5,054	8,577	14,095
Colorado	42,327	73,793	41,775	64,046	5,204	9,747	30,689	35,761
New Mexico	27,068	50,256	26,764	43,146	2,992	7,110	14,035	14,815
Arizona	10,853	23,022	10,544	13,875	2,179	9,147	6,284	23,082
Utah	21,778	31,893	21,531	28,600	1,542	3,293	16,790	12,774
Nevada	3,076	6,685	3,005	4,265	761	2,420	2,044	5,459
Pacific	**239,605**	**431,869**	**234,187**	**312,435**	**37,008**	**119,434**	**164,272**	**401,440**
Washington	67,493	100,070	66,915	89,788	4,935	10,282	41,805	61,227
Oregon	53,524	80,606	53,127	71,781	3,946	8,825	32,780	38,246
California	118,588	251,193	114,145	150,866	28,127	100,327	89,687	301,967

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 672.—Part-Time Work Off Farms—Operators Reporting, by Number of Days Worked, by States: 1939 and 1944

Division and State	All farm operators		Number reporting days worked off farm for pay or income							
	1940 (Apr. 1)	1945 (Jan. 1)	Total		Under 50 days		50 to 99 days		100 days and over	
			1939	1944	1939	1944	1939	1944	1939	1944
United States	6,096,799	5,859,169	1,747,193	1,570,357	543,714	312,832	259,898	178,471	943,581	1,079,054
New England	135,190	150,311	56,865	62,908	9,690	3,966	6,488	3,184	40,687	55,758
Maine	38,980	42,184	18,038	18,746	3,988	1,714	2,469	1,374	11,581	15,658
New Hampshire	16,554	18,786	7,756	8,794	1,267	795	905	542	5,584	7,457
Vermont	23,582	26,490	9,505	8,034	2,449	905	1,276	523	5,780	6,606
Massachusetts	31,897	37,007	12,778	16,815	1,098	314	1,071	456	10,609	16,045
Rhode Island	3,014	3,603	1,004	1,421	89	35	109	45	806	1,341
Connecticut	21,163	22,241	7,784	9,098	799	203	658	244	6,327	8,651
Middle Atlantic	348,100	347,477	117,224	123,919	26,425	11,649	14,226	8,178	76,573	104,092
New York	153,238	149,490	46,934	46,817	11,502	4,540	5,663	3,280	29,769	38,997
New Jersey	25,835	26,226	6,422	7,265	992	478	677	408	4,753	6,379
Pennsylvania	169,027	171,761	63,868	69,837	13,931	6,631	7,886	4,490	42,051	58,716
East North Central	1,006,095	953,797	293,507	278,597	84,733	58,478	36,440	27,114	172,334	193,005
Ohio	233,783	220,575	75,106	74,659	17,009	10,684	8,193	5,483	49,904	58,492
Indiana	184,549	175,970	57,524	56,644	14,185	10,042	7,114	4,919	36,225	41,683
Illinois	213,439	204,239	55,181	48,740	20,829	15,958	7,238	5,182	27,114	27,600
Michigan	187,589	175,268	60,468	60,133	12,815	8,087	7,861	6,105	39,792	45,941
Wisconsin	186,735	177,745	45,228	38,421	19,895	13,707	6,034	5,425	19,299	19,289
West North Central	1,090,574	1,031,993	268,455	185,588	130,585	73,971	36,106	21,407	101,764	90,210
Minnesota	197,351	188,952	47,459	37,500	21,820	15,164	6,070	4,369	19,569	17,967
Iowa	213,318	208,934	38,118	29,039	19,668	14,164	4,930	3,011	13,520	11,864
Missouri	256,100	242,934	71,274	55,009	23,094	13,043	10,592	6,694	37,588	35,272
North Dakota	73,962	69,520	16,142	8,890	10,286	5,667	2,016	1,041	3,840	2,182
South Dakota	72,454	68,705	15,401	7,823	9,464	4,271	1,914	1,014	4,023	2,538
Nebraska	121,062	111,756	31,888	18,201	20,445	10,568	4,084	2,133	7,359	5,500
Kansas	156,327	141,192	48,173	29,126	25,808	11,094	6,500	3,145	15,865	14,887
South Atlantic	1,019,451	1,043,475	291,572	268,224	65,751	39,690	44,319	29,152	181,502	199,382
Delaware	8,994	9,296	1,940	1,748	456	195	275	130	1,209	1,423
Maryland	42,110	41,275	12,291	12,307	2,132	1,401	1,486	990	8,673	9,916
District of Columbia	65	40	8	4	1	-------	1	-------	6	4
Virginia	174,885	173,051	61,955	59,719	10,878	6,691	7,726	4,609	43,351	48,419
West Virginia	99,282	97,600	45,686	45,337	6,087	3,562	6,247	2,916	33,352	38,859
North Carolina	278,276	287,412	69,068	55,212	17,251	9,928	11,401	7,184	40,416	38,100
South Carolina	137,558	147,745	32,065	32,527	8,077	5,884	5,821	5,511	18,167	21,132
Georgia	216,033	225,897	48,040	43,957	17,414	10,323	8,532	6,343	22,094	27,291
Florida	62,248	61,159	20,519	17,413	3,455	1,706	2,830	1,469	14,234	14,238
East South Central	1,023,349	959,829	276,283	232,417	92,335	50,663	48,991	36,331	134,957	145,423
Kentucky	252,894	238,501	79,405	59,974	19,650	8,692	13,965	6,956	45,790	44,326
Tennessee	247,617	234,431	76,932	60,319	21,436	11,057	12,439	7,262	43,057	42,000
Alabama	231,746	223,369	56,388	62,944	23,318	13,342	9,531	10,560	23,539	39,042
Mississippi	291,092	263,528	63,558	49,180	27,931	17,572	13,056	11,553	22,571	20,055
West South Central	964,370	877,831	257,742	244,080	90,331	50,881	46,048	36,001	121,363	157,198
Arkansas	216,674	198,769	60,941	57,510	22,320	14,876	11,622	11,146	26,999	31,488
Louisiana	150,007	129,295	34,890	31,727	13,710	7,499	6,893	6,886	14,287	17,342
Oklahoma	179,687	164,790	52,940	49,607	20,546	11,543	9,718	5,847	22,676	32,217
Texas	418,002	384,977	108,971	105,236	33,755	16,963	17,815	12,122	57,401	76,151
Mountain	233,497	212,527	77,533	64,057	23,362	13,225	13,857	9,085	40,314	41,747
Montana	41,823	37,747	13,042	8,148	4,359	2,104	2,447	1,284	6,236	4,760
Idaho	43,663	41,498	15,594	12,769	5,580	3,278	2,596	1,961	7,418	7,530
Wyoming	15,918	13,076	4,586	3,237	1,627	926	808	534	2,151	1,777
Colorado	51,436	47,618	15,540	11,828	5,371	3,312	2,715	1,740	7,454	6,776
New Mexico	34,105	29,695	10,830	9,435	2,171	1,221	2,129	1,472	6,530	6,742
Arizona	18,468	13,142	5,647	5,050	902	270	978	341	3,767	4,439
Utah	25,411	26,322	11,157	12,524	3,089	1,905	1,966	1,607	6,102	9,012
Nevada	3,573	3,429	1,137	1,066	263	209	218	146	656	711
Pacific	276,173	281,929	108,012	110,567	20,502	10,309	13,423	8,019	74,087	92,239
Washington	81,686	79,887	37,259	39,308	6,825	4,021	4,334	2,605	26,100	32,682
Oregon	61,829	63,125	27,802	29,331	7,061	3,263	3,752	2,392	16,989	23,676
California	132,658	138,917	42,951	41,928	6,616	3,025	5,337	3,022	30,998	35,881

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 673.—Farm Income—Estimated Gross Farm Income, Expenses of Agricultural Production, and Net Farm Income to Persons on Farms From Farming: 1910 to 1946

[In millions of dollars]

YEAR	Gross farm income [1]	Total expenses of agricultural production [2]	Net income of farm operators from current operations	Adjustment for inventory changes	Farm wages to laborers on farms [3]	Net income to persons on farms from farming
1910	7,352	3,599	3,753	+151	546	4,450
1911	7,081	3,646	3,435	−67	547	3,915
1912	7,561	3,890	3,671	+96	568	4,335
1913	7,821	4,035	3,786	+26	575	4,387
1914	7,638	4,120	3,518	+426	572	4,516
1915	7,968	4,223	3,745	+73	577	4,395
1916	9,532	4,845	4,687	−266	634	5,055
1917	13,147	6,136	7,011	+521	797	8,329
1918	16,232	7,558	8,674	+39	947	9,660
1919	17,710	8,461	9,249	−450	1,078	9,877
1920	15,908	9,130	6,778	+348	1,242	8,368
1921	10,478	6,875	3,603	−613	805	3,795
1922	10,883	6,826	4,057	+18	775	4,850
1923	11,967	7,125	4,842	−75	841	5,608
1924	12,623	7,495	5,128	−412	844	5,560
1925	13,567	7,464	6,103	−93	856	6,866
1926	13,204	7,505	5,699	+25	893	6,617
1927	13,251	7,545	5,706	−259	867	6,314
1928	13,550	7,855	5,695	+136	856	6,687
1929	13,824	7,780	6,044	−166	863	6,741
1930	11,388	7,059	4,329	+11	774	5,114
1931	8,378	5,634	2,744	+150	588	3,482
1932	6,406	4,574	1,832	+40	413	2,285
	EXCLUDING GOVERNMENT PAYMENTS					
1933	6,924	4,355	2,569	−56	368	2,881
1934	8,040	4,678	3,362	−660	432	3,134
1935	9,022	5,036	3,986	+38	530	4,554
1936	10,356	5,544	4,812	−331	630	5,111
1937	10,898	6,073	4,825	+213	741	5,779
1938	9,589	5,674	3,915	+5	709	4,629
1939	9,740	5,986	3,754	+107	696	4,557
1940	10,244	6,373	3,871	+96	724	4,691
1941	13,308	7,348	5,960	+374	875	7,209
1942	17,872	9,273	8,599	+928	1,149	10,676
1943	22,363	10,766	11,597	+536	1,415	13,548
1944	23,383	11,699	11,684	−402	1,534	12,816
1945	24,663	12,813	11,850	−439	1,614	13,025
1946	28,133	13,957	14,176	−19	1,779	15,936
	INCLUDING GOVERNMENT PAYMENTS					
1933	7,055	4,374	2,681	−56	368	2,993
1934	8,486	4,727	3,759	−660	432	3,531
1935	9,595	5,111	4,484	+38	530	5,052
1936	10,643	5,581	5,062	−331	630	5,361
1937	11,265	6,126	5,139	+213	741	6,093
1938	10,071	5,744	4,327	+5	709	5,041
1939	10,547	6,088	4,459	+107	696	5,262
1940	11,010	6,469	4,541	+96	724	5,361
1941	13,894	7,420	6,474	+374	875	7,723
1942	18,569	9,360	9,209	+928	1,149	11,286
1943	23,035	10,848	12,187	+536	1,415	14,138
1944	24,187	11,788	12,399	−402	1,534	13,531
1945	25,432	12,896	12,536	−439	1,614	13,711
1946	28,933	14,044	14,889	−19	1,779	16,649

[1] For items comprising gross income, see table 674.
[2] Farm mortgage interest, cash wages and perquisites to hired labor, net rent to nonfarm landlords, cost of other goods and services annually used in production, and estimates of depreciation or maintenance of durable implements, equipment, and buildings (including service buildings and dwellings).
[3] Includes cash wages and value of food, fuel, and lodging furnished. Excludes wages or other income farm laborer receives from nonfarm sources.

Source: Department of Agriculture, Bureau of Agricultural Economics; 1910–39, Net Farm Income and Parity Report, 1943; 1940–46, The Farm Income Situation, June–July 1947.

No. 674.—Farm Income—Gross Income, Estimated Cash Receipts, and Government Payments: 1910 to 1946

[In millions of dollars]

Year	Gross income	Cash receipts				Value of home consumption	Rental value of dwellings
		Total	Crops	Livestock and products	Government payments		
1910	7,352	5,793	2,950	2,843	----------	1,177	382
1911	7,081	5,596	2,925	2,671	----------	1,092	393
1912	7,561	6,017	3,111	2,906	----------	1,140	404
1913	7,821	6,248	3,095	3,153	----------	1,153	420
1914	7,638	6,050	2,920	3,130	----------	1,161	427
1915	7,968	6,403	3,280	3,123	----------	1,131	434
1916	9,532	7,750	4,043	3,707	----------	1,309	473
1917	13,147	10,746	5,660	5,086	----------	1,861	540
1918	16,232	13,461	6,985	6,476	----------	2,153	618
1919	17,710	14,602	7,674	6,928	----------	2,395	713
1920	15,908	12,608	6,654	5,954	----------	2,406	894
1921	10,478	8,150	4,199	3,951	----------	1,568	760
1922	10,883	8,594	4,321	4,273	----------	1,555	734
1923	11,967	9,563	4,885	4,678	----------	1,623	781
1924	12,623	10,221	5,415	4,806	----------	1,622	780
1925	13,567	10,995	5,526	5,469	----------	1,781	791
1926	13,204	10,564	4,889	5,675	----------	1,837	803
1927	13,251	10,756	5,157	5,599	----------	1,695	800
1928	13,550	11,072	5,044	6,028	----------	1,667	811
1929	13,824	11,296	5,125	6,171	----------	1,699	829
1930	11,388	9,021	3,840	5,181	----------	1,537	830
1931	8,378	6,371	2,536	3,835	----------	1,253	754
1932	6,406	4,743	1,997	2,746	----------	1,008	655
1933	7,055	5,445	2,473	2,841	131	1,023	587
1934	8,486	6,780	3,004	3,330	446	1,090	616
1935	9,505	7,659	2,978	4,108	573	1,320	616
1936	10,643	8,654	3,651	4,716	287	1,374	615
1937	11,265	9,217	3,948	4,902	367	1,410	638
1938	10,071	8,168	3,190	4,496	482	1,283	620
1939	10,547	8,684	3,366	4,511	807	1,244	619
1940	11,010	9,132	3,471	4,895	766	1,254	624
1941	13,894	11,776	4,716	6,474	586	1,460	658
1942	18,569	16,086	6,331	9,058	697	1,781	702
1943	23,035	20,131	7,980	11,479	672	2,149	755
1944	24,187	21,175	9,038	11,333	804	2,192	820
1945	25,432	22,286	9,538	11,979	769	2,257	889
1946	28,933	25,319	10,851	13,668	800	2,636	978

Source: Department of Agriculture, Bureau of Agricultural Economics; 1910–39, Net Farm Income and Parity Report, 1943; 1940–46, The Farm Income Situation, June–July 1947.

No. 675.—Farm Income—Estimated Cash Receipts From Crops, by Groups of Commodities: 1925 to 1946

[In millions of dollars]

YEAR	Total	Cotton and cottonseed	Tobacco	Food grains [1]	Oil-bearing crops [2]	Feed grains and hay	Vegetables	Fruits and tree nuts	Sugar crops	Other crops [3]
1925	5,526	1,762	260	915	88	773	684	589	80	375
1926	4,889	1,222	240	908	65	664	731	607	80	372
1927	5,157	1,500	246	974	87	660	664	590	84	352
1928	5,044	1,453	247	838	84	748	629	621	78	346
1929	5,125	1,512	279	790	85	706	710	620	81	342
1930	3,840	824	244	499	72	553	685	561	90	312
1931	2,536	497	157	298	39	298	488	457	72	230
1932	1,997	461	115	220	31	235	358	327	68	182
1933	2,473	577	157	337	32	302	446	346	80	196
1934	3,004	863	236	350	51	332	498	394	62	218
1935	2,978	712	242	417	66	286	502	443	73	237
1936	3,651	905	243	499	73	451	656	462	89	273
1937	3,948	883	321	659	82	435	648	546	83	291
1938	3,190	647	294	445	92	418	533	405	87	269
1939	3,366	627	271	475	112	477	589	443	80	292
1940	3,471	647	242	479	127	572	591	442	79	292
1941	4,716	1,046	321	756	232	594	730	613	92	332
1942	6,331	1,237	476	942	433	799	1,087	826	128	403
1943	7,980	1,314	539	961	654	1,122	1,579	1,222	108	481
1944	9,038	1,497	688	1,328	591	1,194	1,567	1,501	133	539
1945	9,538	1,199	898	1,525	610	1,431	1,668	1,497	156	554
1946	10,851	1,496	954	1,677	720	1,661	1,746	1,752	191	654

[1] Wheat, rye, rice, buckwheat. [2] Flaxseed, soybeans, peanuts.
[3] Greenhouse and nursery products, legume and grass seeds, hemp, hops, peppermint, spearmint, broomcorn, popcorn, and forest products.

Source: Department of Agriculture, Bureau of Agricultural Economics; 1925–39, published in Net Farm Income and Parity Report, 1943; 1940–46, The Farm Income Situation, June–July 1947.

No. 676.—Farm Income—Estimated Cash Receipts From Livestock and Products: 1925 to 1946

[In millions of dollars]

YEAR	Total	Hogs	Cattle and calves	Sheep and lambs	Wool	Dairy products	Poultry and eggs	Other [1]
1925	5,469	1,318	1,252	207	100	1,515	1,038	39
1926	5,675	1,407	1,271	205	92	1,566	1,093	41
1927	5,599	1,237	1,336	197	88	1,685	1,017	39
1928	6,028	1,218	1,556	221	114	1,756	1,121	42
1929	6,171	1,297	1,495	224	99	1,838	1,181	37
1930	5,181	1,136	1,184	161	69	1,607	998	26
1931	3,835	774	838	130	51	1,277	746	19
1932	2,746	445	621	93	30	986	558	13
1933	2,841	524	600	104	77	1,004	514	18
1934	3,330	521	815	131	81	1,146	614	22
1935	4,108	682	1,062	152	70	1,310	799	33
1936	4,716	991	1,114	165	95	1,478	828	45
1937	4,902	925	1,239	186	114	1,525	862	51
1938	4,496	870	1,162	157	69	1,388	803	47
1939	4,511	810	1,290	172	81	1,346	767	45
1940	4,895	836	1,381	180	106	1,520	827	45
1941	6,474	1,301	1,718	227	138	1,899	1,141	50
1942	9,058	2,191	2,293	307	156	2,336	1,723	52
1943	11,479	2,942	2,581	342	158	2,807	2,570	79
1944	11,333	2,813	2,604	303	144	2,938	2,455	76
1945	11,979	2,298	3,290	319	129	3,063	2,785	95
1946	13,668	2,972	3,715	355	118	3,716	2,682	110

[1] Mohair, horses, mules, honey, and (for 1944–46) bees and beeswax.

Source: Department of Agriculture, Bureau of Agricultural Economics; 1925–39, published in Net Farm Income and Parity Report, 1943; 1940–46, the Farm Income Situation, June–July 1947.

No. 677.—Cash Receipts From Farm Marketings and Government Payments, by States: 1946

[In millions of dollars. Figures are preliminary estimates]

Division and state	Total	Crops	Livestock	Government payments
United States	25,322.9	10,854.6	13,668.4	799.9
New England	635.3	243.4	369.4	22.5
Maine	154.0	97.5	53.1	3.4
New Hampshire	52.0	9.1	41.1	1.8
Vermont	102.3	14.7	80.0	7.6
Massachusetts	176.8	66.9	105.0	4.9
Rhode Island	19.7	5.7	13.2	.8
Connecticut	130.5	49.5	77.0	4.0
Middle Atlantic	1,714.4	515.1	1,121.5	77.8
New York	785.1	232.6	509.3	43.2
New Jersey	252.5	107.4	138.4	6.7
Pennsylvania	676.8	175.1	473.8	27.9
East North Central	4,904.3	1,406.6	3,312.2	185.5
Ohio	885.9	252.4	605.4	28.1
Indiana	869.6	243.8	603.2	22.6
Illinois	1,481.2	557.0	887.7	36.5
Michigan	664.3	235.4	399.1	29.8
Wisconsin	1,003.3	118.0	816.8	68.5
West North Central	6,602.0	1,917.2	4,476.4	208.4
Minnesota	1,107.9	243.6	811.3	53.0
Iowa	1,796.3	310.2	1,439.6	46.5
Missouri	893.2	187.4	679.7	26.1
North Dakota	519.8	318.0	180.6	21.2
South Dakota	514.0	185.3	312.9	15.8
Nebraska	874.0	285.8	563.6	24.6
Kansas	896.8	386.9	488.7	21.2
South Atlantic	2,698.9	1,809.7	837.3	51.9
Delaware	86.1	15.5	69.2	1.4
Maryland	206.9	69.7	130.9	6.3
S. Atlantic—Con.				
Virginia	371.0	181.8	178.8	10.4
West Virginia	114.5	31.0	79.2	4.3
North Carolina	764.4	633.4	119.8	11.2
South Carolina	320.7	257.2	59.3	4.2
Georgia	416.4	288.3	119.8	8.3
Florida	418.9	332.8	80.3	5.8
East South Central	1,498.4	849.4	600.2	48.8
Kentucky	456.0	217.8	221.6	16.6
Tennessee	413.8	217.5	182.1	14.2
Alabama	314.5	206.2	100.8	7.5
Mississippi	314.1	207.9	95.7	10.5
West South Central	2,639.4	1,399.3	1,162.4	77.7
Arkansas	445.9	314.1	124.4	7.4
Louisiana	263.1	168.7	82.1	12.3
Oklahoma	502.5	208.7	276.1	17.7
Texas	1,427.9	707.8	679.8	40.3
Mountain	1,633.7	711.4	862.7	59.6
Montana	315.7	144.0	159.4	12.3
Idaho	295.4	164.1	120.6	10.7
Wyoming	123.6	29.5	89.3	4.8
Colorado	406.7	167.0	222.2	17.5
New Mexico	150.6	53.9	92.5	4.2
Arizona	172.8	111.5	58.1	3.2
Utah	135.7	35.8	93.8	6.1
Nevada	33.2	5.6	26.8	.8
Pacific	2,996.5	2,002.5	926.3	67.7
Washington	524.5	345.4	166.9	12.2
Oregon	350.1	190.8	150.2	9.1
California	2,121.9	1,466.3	609.2	46.4

Source: Department of Agriculture, Bureau of Agricultural Economics; published in the Farm Income Situation.

No. 678.—Farm Income and Expenditures—Estimated Net Cash Available to Persons on Farms After Farm Expenditures: 1925 to 1946

[In millions of dollars]

Year	Cash receipts	Total cash expenditures [1]	Current operating expenses	Expenditures on buildings and machinery	Mortgage interest payable	Taxes levied	Cash wages to laborers not on farms	Rent to landlords not on farms [1]	Net cash available to persons on farms [2]
1925	10,995	6,562	3,147	1,231	612	580	327	665	4,433
1926	10,564	6,573	3,150	1,250	598	590	367	618	3,991
1927	10,756	6,684	3,128	1,297	593	611	349	706	4,072
1928	11,072	7,022	3,451	1,321	590	626	348	686	4,050
1929	11,296	6,992	3,328	1,414	582	641	355	672	4,304
1930	9,021	6,040	2,962	1,044	572	638	302	522	2,981
1931	6,371	4,554	2,280	600	559	581	214	320	1,817
1932	4,743	3,539	1,835	300	534	504	139	227	1,204
1933	5,445	3,550	1,836	377	472	434	116	315	1,895
1934	6,780	4,032	2,037	596	430	420	140	409	2,748
1935	7,659	4,595	2,183	917	396	431	177	491	3,064
1936	8,654	5,097	2,433	1,116	364	436	216	532	3,557
1937	9,217	5,655	2,749	1,347	341	448	260	510	3,562
1938	8,168	5,076	2,474	1,126	320	444	254	458	3,092
1939	8,684	5,492	2,759	1,224	305	452	250	502	3,192
1940	9,132	5,929	3,154	1,316	293	446	260	460	3,203
1941	11,776	6,995	3,550	1,723	286	457	323	656	4,781
1942	16,086	8,314	4,634	1,554	273	461	428	964	7,772
1943	20,131	9,112	5,409	1,312	247	472	537	1,135	11,019
1944	21,175	10,024	5,812	1,696	236	495	591	1,194	11,151
1945	22,286	10,916	6,553	1,765	228	554	623	1,193	11,370
1946	25,319	12,582	7,198	2,596	228	617	688	1,255	12,737

[1] Including Government payments. [2] After farm expenditures.

Source: Department of Agriculture, Bureau of Agricultural Economics; 1925-39, published in Net Farm Income and Parity Report, 1943; 1940-46, The Farm Income Situation, June-July 1947.

No. 679.—Farms—Number and Percent Distribution, by Type: 1940 and 1945

[For 1940, farms were classified by type on basis of major (single largest) source of income in 1939. For 1945 (value refers to calendar year 1944), farms with value of products used by farm houshold exceeding total value of all farm products sold were classified as subsistence farms. All others were classified by type of product representing more than 50 percent of total sales; if no one source of income represented more than 50 percent of total sales, the farm was classified as "General"]

Type of farm	1940 type classification (Census of 1940)		1945 type classification				
			Number of farms		Percent distribution		Coefficient of variation of 1940 estimates [1] (percent)
	Number of farms	Percent distribution	Census of 1940 [1]	Census of 1945	Census of 1940 [1]	Census of 1945	
All farms	6,096,799	100.0	6,096,799	5,859,169	100.0	100.0	
Farms with no farm products sold or used [2]	88,502	1.5	88,502	98,673	1.5	1.7	
Farms, unclassified [3]	39,542	.6	39,542	7,588	.6	.1	
All classified farms	5,968,755	97.9	5,968,755	5,752,908	97.9	98.2	
Farms producing products primarily for sale	4,026,026	66.0	4,456,889	4,463,702	73.1	76.2	(4)
Fruit-and-nut farms	133,685	2.2	126,966	133,577	2.1	2.3	1
Vegetable farms	80,116	1.3	72,562	92,178	1.2	1.6	1
Horticultural-specialty farms	18,950	.3	18,626	15,954	.3	.3	1
All-other-crop (field crop) farms	2,186,986	35.9	2,071,326	1,862,637	34.0	31.8	(4)
Dairy farms	619,006	10.2	509,005	558,609	8.3	9.5	1
Poultry farms	217,570	3.6	191,436	274,504	3.1	4.7	1
Livestock farms	746,413	12.2	653,281	806,320	10.7	13.8	(4)
Forest-products farms	23,300	.4	23,017	29,015	.4	.5	3
General farms	(5)	(5)	790,670	690,908	13.0	11.8	1
Farms producing products primarily for own household use (subsistence farms)	1,942,729	31.9	1,511,866	1,289,206	24.8	22.0	(4)

[1] Based on a 2-percent sample for farms with under $10,000 total value of farm products, plus a tabulation of all farms with $10,000 or more total value of farm products; coefficients of variation provide information on approximate magnitudes of sampling errors. [2] Not classified by type.
[3] Not classified either by total value of farm products or by type. [4] 0.5 percent or less. [5] Not available.

No. 680.—Value of All Farm Products Sold or Used by Farm Households, With Farms Reporting, by Source of Income: 1930, 1940, and 1945

[Value of farm products refers to preceding calendar year]

Source of income	Number of farms reporting			Value of farm products sold or used by farm households					
				Total ($1,000)			Average per farm (dollars)		
	1930	1940	1945	1930	1940	1945	1930	1940	1945
All farms	6,288,648	6,096,799	5,859,169	(1)	(1)	(1)	(1)	(1)	(1)
Farms with no farm products sold or used [2]	(1)	88,502	98,673						
Farms, unclassified [3]	288,766	39,542	7,588	(1)	(1)	(1)	(1)	(1)	(1)
All classified farms: [4]									
All farm products sold or used	5,999,882	5,968,755	5,752,908	11,011,329	7,813,645	18,108,132	1,835	1,309	3,148
All farm products sold	(1)	5,617,068	5,327,687	9,609,924	6,681,581	16,230,627	(1)	1,190	3,046
All crops sold [5]	4,923,419	4,225,175	3,702,481	4,424,481	3,094,947	7,507,597	899	733	2,028
Fruits and nuts sold	(1)	668,783	531,039	(1)	295,351	1,078,643	(1)	442	2,031
Vegetables sold [6]	(1)	458,011	579,579	(1)	199,526	576,593	(1)	436	995
Hort. specialties sold	(1)	28,774	34,690	(1)	129,343	231,259	(1)	4,495	6,666
All other crops (field crops) sold [6]	(1)	3,825,478	3,216,108	(1)	2,470,727	5,621,103	(1)	646	1,748
All livestock and livestock products sold	(1)	4,456,508	4,336,641	5,085,584	3,547,482	8,644,671	(1)	796	1,993
Dairy products sold	(1)	2,647,851	2,472,709	(1)	1,118,193	2,531,408	(1)	422	1,024
Poultry and poultry products sold	(1)	3,507,802	3,401,918	(1)	555,412	1,586,549	(1)	158	466
Livestock and livestock products sold (exc. dairy and poultry)	(1)	(1)	3,476,763	(1)	1,873,878	4,526,714	(1)	(1)	1,302
Forest products sold [5]	602,992	276,611	221,901	99,860	39,152	78,359	166	142	353
Farm products used by farm households [7]	5,609,680	5,755,078	5,513,730	1,401,405	1,132,063	1,877,505	250	197	341

[1] Not available. [2] Not classified by type. [3] Not classified either by total value of farm products or by type. Figures for 1930 include nurseries, greenhouses, and apiaries.
[4] Classified both by total value of farm products and by type. Figures for 1930 include farms operated in 1929 with no farm products sold or used by farm operator's family but exclude nurseries, greenhouses, and apiaries.
[5] Value of maple sirup and sugar included with forest products for 1940 and 1945; with crops for 1930.
[6] Value of Irish and sweet potatoes included with all other crops (field crops), not with vegetables.
[7] Figures for 1930 are for farm operator's family only.

Source of tables 679 and 680: Dept. of Commerce, Bureau of Census; 1945 Census of Agriculture, Vol. II.

No. 681.—Value of All Farm Products Sold or Used by Farm Households, With Farms Reporting, by Value Groups: 1930, 1940, and 1945

[Value of farm products refers to preceding calendar year. For number of farms classified by value groups by States, see table 686]

Value groups	Number of farms reporting			Value of farm products sold or used by farm households					
				Total ($1,000)		Average per farm (dollars)		Percent of total	
	1930	1940	1945	1940	1945	1940	1945	1940	1945
All farms	**6,288,648**	**6,096,799**	**5,859,169**	(1)	(1)	(1)	(1)	(1)	(1)
Farms unclassified [2]	288,766	39,542	7,588	(1)	(1)	(1)	(1)	(1)	(1)
All value groups	[3]5,999,882	6,057,257	5,851,581	7,813,645	18,108,132	1,290	3,095	100.0	100.0
Farms with value of products sold or used by farm households	*[3]5,999,882*	*5,968,755*	*5,752,908*	*7,813,645*	*18,108,132*	*1,309*	*3,148*	*100.0*	*100.0*
Under $250	[3] 397,517	1,233,507	552,253	159,329	62,779	129	114	2.0	.3
$0 [4]	(1)	88,502	98,673	----------	----------	----------	----------	----------	----------
$1 to $99	(1)	332,195	120,467	18,951	(1)	57	(1)	.2	(1)
$100 to $249	(1)	812,810	333,113	140,377	(1)	173	(1)	1.8	(1)
$250 to $399	518,032	821,616	433,922	263,117	137,141	320	316	3.4	.8
$400 to $599	766,118	870,629	514,194	427,859	251,498	491	489	5.5	1.4
$400 to $499	(1)	(1)	267,666	(1)	(1)	(1)	(1)	(1)	(1)
$500 to $599	(1)	(1)	246,528	(1)	(1)	(1)	(1)	(1)	(1)
$600 to $999	1,245,684	1,053,575	780,434	817,144	610,359	776	782	10.5	3.4
$600 to $799	(1)	[5] 479,481	421,125	[5] 320,767	(1)	[5] 669	(1)	[5] 4.1	(1)
$800 to $999	(1)	[6] 574,094	359,309	[6] 496,377	(1)	[6] 865	(1)	[6] 6.4	(1)
$1,000 to $1,499	937,910	708,917	718,009	866,289	882,232	1,222	1,229	11.1	4.9
$1,000 to $1,199	(1)	(1)	316,119	(1)	(1)	(1)	(1)	(1)	(1)
$1,200 to $1,499	(1)	(1)	401,890	(1)	(1)	(1)	(1)	(1)	(1)
$1,500 to $2,499	981,163	680,101	908,624	1,306,697	1,767,681	1,921	1,945	16.7	9.8
$1,500 to $1,999	(1)	416,081	517,726	718,249	(1)	1,726	(1)	9.2	(1)
$2,000 to $2,499	(1)	264,020	390,898	588,448	(1)	2,229	(1)	7.5	(1)
$2,500 to $3,999	628,006	375,973	742,780	1,169,501	2,351,213	3,111	3,165	15.0	13.0
$2,500 to $2,999	(1)	(1)	300,373	(1)	(1)	(1)	(1)	(1)	(1)
$3,000 to $3,999	(1)	(1)	442,407	(1)	(1)	(1)	(1)	(1)	(1)
$4,000 to $5,999	291,112	165,679	514,055	796,228	2,506,711	4,806	4,876	10.2	13.8
$4,000 to $4,999	(1)	(1)	302,203	(1)	(1)	(1)	(1)	(1)	(1)
$5,000 to $5,999	(1)	(1)	211,852	(1)	(1)	(1)	(1)	(1)	(1)
$6,000 to $9,999	147,753	88,947	398,270	666,923	3,021,570	7,498	7,587	8.5	16.7
$6,000 to $7,999	(1)	(1)	257,681	(1)	(1)	(1)	(1)	(1)	(1)
$8,000 to $9,999	(1)	(1)	140,589	(1)	(1)	(1)	(1)	(1)	(1)
$10,000 and over	86,587	58,313	289,040	1,340,558	6,516,949	22,989	22,547	17.2	36.0
$10,000 to $19,999	61,606	40,670	205,803	545,022	4,321,421	13,401	16,361	7.0	23.9
$20,000 and over	24,981	17,643	83,237	795,536		45,091		10.2	
$20,000 to $29,999	(1)	8,817	42,025	211,248		23,959		2.7	
$30,000 to $39,999	(1)	3,388	16,306	115,645		34,134		1.5	
$40,000 to $49,999	(1)	1,687	8,086	74,788	2,195,528	44,332	88,153	1.0	12.1
$50,000 to $74,999	(1)	1,899	8,489	112,975		59,492		1.4	
$75,000 to $99,999	(1)	761	3,446	65,177		85,646		.8	
$100,000 and over	(1)	1,091	4,885	215,703		197,712		2.8	

[1] Not available.
[2] Not classified either by total value of farm products or by type. Figures for 1930 include nurseries, greenhouses, and apiaries.
[3] Includes "0" product farms operated in 1929; excludes "0" product farms not operated in 1929, but to be operated in 1930.
[4] Classified by total value of products but not classified by type.
[5] Figures for farms with $600 to $749 value of products.
[6] Figures for farms with $750 to $999 value of products.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 682.—Value of All Farm Products Sold or Used by Farm Households, With Farms Reporting, by Type of Farm and Value Groups: 1945

[Value of farm products refers to calendar year 1944. See also headnote, table 679]

Type of farm and value group	Number of farms reporting	Value of farm products sold or used by farm households ($1,000)	
		Total	Used by farm households
All classified farms[1]	5,752,908	18,108,132	1,877,505
Under $250	453,580	62,779	45,708
$250 to $399	433,922	137,141	92,540
$400 to $599	514,194	251,498	139,282
$600 to $999	780,434	610,359	241,692
$1,000 to $1,499	718,009	882,232	237,113
$1,500 to $2,499	908,624	1,767,681	325,084
$2,500 to $3,999	742,780	2,351,213	283,551
$4,000 to $5,999	514,055	2,506,711	207,671
$6,000 to $9,999	398,270	3,021,570	169,651
$10,000 and over	289,040	6,516,949	135,213
Farms producing products primarily for sale	4,463,702	17,502,376	1,424,375
Under $250	105,707	15,707	3,713
$250 to $399	122,686	39,499	9,985
$400 to $599	227,858	112,888	30,624
$600 to $999	540,163	428,857	111,639
$1,000 to $1,499	640,601	790,150	176,857
$1,500 to $2,499	884,503	1,724,768	299,036
$2,500 to $3,999	740,904	2,345,702	280,243
$4,000 to $5,999	513,979	2,506,354	207,452
$6,000 to $9,999	398,261	3,021,501	169,614
$10,000 and over	289,040	6,516,949	135,213
Fruit-and-nut farms	133,577	1,076,404	24,758
Under $250	6,385	870	189
$250 to $399	6,373	2,014	394
$400 to $599	8,493	4,159	862
$600 to $999	13,701	10,666	2,118
$1,000 to $1,499	12,571	15,295	2,451
$1,500 to $2,499	16,727	32,528	3,489
$2,500 to $3,999	15,958	50,433	3,287
$4,000 to $5,999	13,606	66,352	2,680
$6,000 to $9,999	15,350	117,755	2,967
$10,000 and over	24,413	776,332	6,321
Vegetable farms	92,178	467,262	23,098
Under $250	5,057	761	194
$250 to $399	5,593	1,783	439
$400 to $599	8,615	4,221	1,136
$600 to $999	14,787	11,500	2,987
$1,000 to $1,499	13,031	15,861	3,553
$1,500 to $2,499	14,205	27,385	4,553
$2,500 to $3,999	10,005	31,493	3,224
$4,000 to $5,999	7,033	34,025	2,239
$6,000 to $9,999	5,964	45,401	1,986
$10,000 and over	7,888	294,833	2,788
Horticultural-specialty farms	15,954	232,615	2,678
Under $250	240	39	8
$250 to $399	547	174	28
$400 to $599	875	428	75
$600 to $999	1,243	955	175
$1,000 to $1,499	1,203	1,435	186
$1,500 to $2,499	1,726	3,333	287
$2,500 to $3,999	1,666	5,217	287
$4,000 to $5,999	1,668	8,099	298
$6,000 to $9,999	1,804	13,747	329
$10,000 and over	4,982	199,188	1,005
All-other-crop (field crop) farms	1,862,637	6,000,756	558,683
Under $250	42,941	6,242	1,100
$250 to $399	48,934	15,724	3,273
$400 to $599	96,753	47,955	11,448
$600 to $999	262,096	208,828	50,377
$1,000 to $1,499	333,156	410,319	87,967
$1,500 to $2,499	419,947	810,795	140,838
$2,500 to $3,999	279,241	874,120	106,730
$4,000 to $5,999	161,885	786,951	64,110
$6,000 to $9,999	125,308	953,445	50,894
$10,000 and over	92,376	1,886,376	41,947
Dairy farms	558,609	2,290,003	197,057
Under $250	4,630	776	227
$250 to $399	8,190	2,688	800
$400 to $599	18,199	9,110	2,738
$600 to $999	45,568	36,409	9,881
$1,000 to $1,499	59,665	74,414	16,480
$1,500 to $2,499	109,218	216,706	35,515
$2,500 to $3,999	124,755	399,112	45,810
$4,000 to $5,999	92,609	450,978	38,011
$6,000 to $9,999	63,146	476,216	28,937
$10,000 and over	32,629	623,594	18,659
Poultry farms	274,504	959,460	73,586
Under $250	17,501	2,590	851
$250 to $399	18,256	5,872	1,866
$400 to $599	30,047	14,812	4,781
$600 to $999	50,678	39,538	11,853
$1,000 to $1,499	39,394	48,080	11,913
$1,500 to $2,499	38,894	75,037	13,512
$2,500 to $3,999	26,318	82,941	9,507
$4,000 to $5,999	18,169	88,548	6,664
$6,000 to $9,999	16,102	123,668	5,829
$10,000 and over	19,145	478,373	6,811
Livestock farms	806,320	4,143,595	278,272
Under $250	21,267	3,208	788
$250 to $399	22,558	7,247	1,963
$400 to $599	37,412	18,485	5,287
$600 to $999	76,340	60,292	16,417
$1,000 to $1,499	81,521	100,537	23,009
$1,500 to $2,499	125,100	246,603	41,546
$2,500 to $3,999	133,041	426,618	49,335
$4,000 to $5,999	117,247	576,713	47,757
$6,000 to $9,999	106,670	813,470	47,529
$10,000 and over	85,164	1,890,423	44,640
Forest-products farms	29,015	48,059	8,621
Under $250	2,216	318	68
$250 to $399	2,162	688	170
$400 to $599	3,116	1,533	416
$600 to $999	5,553	4,366	1,261
$1,000 to $1,499	5,354	6,582	1,759
$1,500 to $2,499	5,533	10,615	2,310
$2,500 to $3,999	2,893	8,938	1,421
$4,000 to $5,999	1,300	6,244	691
$6,000 to $9,999	645	4,842	378
$10,000 and over	243	3,933	146
General farms	690,908	2,284,223	257,620
Under $250	5,470	904	288
$250 to $399	10,073	3,309	1,052
$400 to $599	24,348	12,185	3,881
$600 to $999	70,197	56,303	16,570
$1,000 to $1,499	94,706	117,627	29,539
$1,500 to $2,499	153,153	301,765	56,985
$2,500 to $3,999	147,027	466,832	60,641
$4,000 to $5,999	100,462	488,443	45,003
$6,000 to $9,999	62,272	472,957	30,766
$10,000 and over	22,200	363,897	12,895
Farms producing products primarily for own household use	1,289,206	605,757	453,130
Under $250	347,873	47,072	41,995
$250 to $399	311,236	97,642	82,555
$400 to $599	286,336	138,610	108,658
$600 to $999	240,271	181,502	130,054
$1,000 to $1,499	77,408	92,081	60,256
$1,500 to $2,499	24,121	42,913	26,048
$2,500 to $3,999	1,876	5,510	3,308
$4,000 to $5,999	76	358	219
$6,000 to $9,999	9	69	37
$10,000 and over			

[1] Excludes 98,673 farms with no farm products sold or used and 7,588 unclassified farms.
Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 683.—Farms—Number, by Type of Farm, by States: 1945

[See headnote, table 679]

Division and state	All classified farms [1]	Fruit and nut farms	Vegetable farms	Horticultural specialty farms	Field crop farms	Dairy farms	Poultry farms	Livestock farms	Forest products farms	General farms	Subsistence farms [1]
United States	**5,752,908**	**133,577**	**92,178**	**15,954**	**1,862,637**	**558,609**	**274,504**	**806,320**	**29,015**	**690,908**	**1,289,206**
New England	**145,763**	**3,390**	**4,120**	**1,356**	**14,518**	**30,690**	**18,341**	**4,059**	**4,318**	**6,451**	**58,520**
Maine	40,528	706	617	146	6,812	5,124	3,304	1,208	2,218	2,352	18,041
N. Hampshire	17,859	314	161	87	804	3,194	2,707	687	571	839	8,495
Vermont	25,581	158	112	48	3,079	11,869	987	702	852	1,013	6,761
Massachusetts	36,264	1,807	2,506	676	2,368	5,563	7,231	834	488	1,568	13,223
Rhode Island	3,583	92	140	89	157	789	709	100	30	166	1,311
Connecticut	21,948	313	584	310	1,298	4,151	3,403	528	159	513	10,689
Middle Atlantic	**339,827**	**10,699**	**13,842**	**3,423**	**23,114**	**101,518**	**41,924**	**15,472**	**1,989**	**33,901**	**93,945**
New York	145,761	6,615	6,272	1,369	10,798	56,445	13,691	5,516	1,156	10,871	33,028
New Jersey	25,844	1,084	4,608	644	1,860	4,084	7,167	734	34	1,531	4,098
Pennsylvania	168,222	3,000	2,962	1,410	10,456	40,989	21,066	9,222	799	21,499	56,819
E. N. Central	**937,432**	**13,716**	**14,319**	**3,563**	**130,100**	**219,788**	**49,293**	**175,608**	**2,835**	**193,771**	**134,439**
Ohio	216,193	2,494	2,804	1,074	27,537	30,600	14,121	39,322	512	51,182	45,547
Indiana	172,902	875	2,538	516	19,423	15,114	11,808	53,521	350	41,200	27,557
Illinois	201,426	1,362	2,295	906	56,663	15,012	9,593	54,042	118	40,296	21,139
Michigan	171,001	7,128	4,575	731	21,071	44,831	9,374	15,016	966	36,475	30,834
Wisconsin	175,910	857	2,107	336	5,406	114,231	4,397	13,707	889	24,618	9,362
W. N. Central	**1,016,763**	**1,780**	**3,430**	**1,200**	**231,328**	**76,475**	**46,801**	**347,515**	**2,009**	**222,249**	**83,976**
Minnesota	186,604	306	990	241	17,716	38,930	9,967	42,639	1,162	60,445	14,208
Iowa	205,948	276	532	268	25,095	4,632	7,609	116,539	57	41,310	9,630
Missouri	237,697	787	1,099	325	30,766	22,671	15,902	84,344	688	37,460	43,655
North Dakota	69,101	9	24	33	49,034	1,075	544	6,633	38	10,390	1,321
South Dakota	67,723	32	70	32	19,672	916	1,781	26,408	36	16,852	1,364
Nebraska	110,773	72	255	92	38,566	1,581	3,625	39,193	7	23,897	3,485
Kansas	138,917	298	460	209	50,479	6,670	7,373	31,699	21	31,895	9,813
South Atlantic	**1,024,708**	**20,050**	**20,968**	**1,767**	**488,365**	**23,668**	**39,953**	**41,419**	**7,987**	**51,199**	**329,332**
Delaware	9,072	120	900	66	587	990	3,438	183	16	1,207	1,565
Maryland	40,481	611	3,626	201	7,638	5,793	4,972	1,889	139	5,360	10,252
Dist. of Columbia	40	-------	12	11	---------	2	6	1	-------	2	6
Virginia	170,494	1,999	2,993	255	46,620	4,513	10,162	11,789	1,914	14,696	75,553
West Virginia	95,095	960	285	96	2,583	3,950	4,449	11,309	1,098	5,906	64,459
North Carolina	283,559	1,197	2,354	232	187,143	3,786	5,696	4,200	1,615	9,846	67,490
South Carolina	145,262	925	1,601	80	101,563	1,291	1,708	2,060	698	3,700	31,636
Georgia	221,427	2,224	2,675	262	131,817	2,465	6,900	5,836	2,243	7,331	59,674
Florida	59,278	12,014	6,522	564	10,414	878	2,622	4,152	264	3,151	18,697
E. S. Central	**945,470**	**3,373**	**6,364**	**557**	**497,920**	**23,363**	**11,882**	**54,334**	**4,958**	**62,628**	**280,091**
Kentucky	233,970	549	485	133	98,819	5,176	3,350	21,114	674	21,453	82,217
Tennessee	230,381	758	1,573	206	92,945	10,013	4,308	21,529	1,169	25,409	72,481
Alabama	220,522	1,182	1,519	134	123,466	2,352	2,363	6,157	1,621	7,690	74,038
Mississippi	260,597	884	2,787	84	182,690	5,822	1,861	5,534	1,504	8,076	51,355
W. S. Central	**863,035**	**10,761**	**15,045**	**941**	**382,905**	**26,725**	**32,558**	**87,899**	**2,883**	**85,364**	**217,954**
Arkansas	195,572	1,836	2,023	77	98,075	5,359	5,364	12,260	1,437	15,816	53,325
Louisiana	127,000	2,716	1,938	107	76,275	2,279	1,067	4,196	495	3,579	34,348
Oklahoma	162,689	736	1,149	185	60,731	7,220	4,742	19,795	156	26,519	41,456
Texas	377,774	5,473	9,935	572	147,824	11,867	21,385	51,648	795	39,450	88,825
Mountain	**206,905**	**6,610**	**4,525**	**787**	**60,427**	**18,421**	**8,431**	**55,251**	**698**	**21,502**	**30,253**
Montana	36,871	296	132	38	15,535	1,689	605	12,450	157	2,962	3,007
Idaho	40,710	717	319	258	15,220	6,784	932	6,502	233	5,523	4,222
Wyoming	12,775	21	35	36	2,898	890	241	6,505	25	1,044	1,080
Colorado	46,369	1,954	1,814	287	13,001	2,735	2,162	13,007	88	5,969	5,352
New Mexico	28,561	848	786	30	6,996	731	521	7,749	129	1,804	8,967
Arizona	12,479	1,146	451	42	2,455	1,087	889	2,426	57	436	3,490
Utah	25,844	1,615	940	86	3,872	4,194	2,838	5,126	7	3,519	3,647
Nevada	3,296	13	48	10	450	311	243	1,486	2	245	488
Pacific	**273,005**	**63,198**	**9,565**	**2,360**	**33,960**	**37,961**	**25,321**	**24,763**	**1,338**	**13,843**	**60,696**
Washington	77,672	8,098	1,782	516	9,741	14,141	6,543	6,550	443	4,633	25,225
Oregon	61,188	5,940	1,446	641	8,345	8,703	4,598	7,631	611	5,598	17,675
California	134,145	49,160	6,337	1,203	15,874	15,117	14,180	10,582	284	3,612	17,796

[1] Includes farms with usable reports for value of farm products sold or used by farm households; excludes 98,673 farms with no farm products sold or used and 7,588 unclassified farms.
[2] Farms producing products primarily for own household use.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 684.—Farm Expenditures for Specified Purposes, by Color and by Tenure of Operator: 1929, 1939, and 1944

Item		For farms reporting specified expenditures—					
		Total	By tenure			By color	
			Owners	Managers	Tenants	White operators	Non-white operators
Expenditures for labor: [1]							
Farms reporting	1929	2,631,601	1,717,713	38,617	875,271	(2)	(2)
	1939	2,260,237	1,504,805	27,521	727,911	2,142,903	117,334
	1944	2,799,026	(2)	(2)	(2)	(2)	(2)
Amount ($1,000)	1929	955,420	611,960	115,257	228,204	(2)	(2)
	1939	781,792	529,550	94,318	157,924	764,017	17,774
	1944	1,861,026	(2)	(2)	(2)	(2)	(2)
Expenditures for feed:							
Farms reporting	1929	3,283,400	2,209,385	31,388	1,042,627	(2)	(2)
	1939	3,342,715	2,286,568	20,285	1,035,862	3,161,960	180,755
	1944	4,271,642	(2)	(2)	(2)	(2)	(2)
Amount ($1,000)	1929	919,190	665,597	45,908	207,684	(2)	(2)
	1939	732,117	543,395	32,971	155,751	724,532	7,585
	1944	2,426,725	(2)	(2)	(2)	(2)	(2)
Expenditures for implements and machinery: [3]							
Farms reporting	1929	1,750,588	1,121,720	19,524	609,344	(2)	(2)
	1939	1,686,609	1,061,769	14,103	610,737	1,573,896	112,713
Amount ($1,000)	1929	692,548	473,115	17,311	202,122	(2)	(2)
	1939	549,320	368,206	13,747	167,367	542,484	6,835
Expenditures for commercial fertilizer: [4]							
Farms reporting	1929	2,239,546	1,304,177	20,655	914,714	(2)	(2)
	1939	2,337,031	1,434,679	16,299	886,053	1,938,186	398,845
Quantity purchased (1,000 tons)	1929	7,535	4,209	328	2,998	(2)	(2)
	1939	7,004	4,299	351	2,354	6,119	885
Amount ($1,000)	1939	195,928	120,414	10,266	65,248	171,008	24,920
Expenditures for liming material: [4]							
Farms reporting	1939	471,807	376,019	6,250	89,538	455,903	15,904
Quantity purchased (1,000 tons)	1939	8,516	6,215	322	1,980	8,444	72
Amount ($1,000)	1939	21,674	16,082	996	4,597	21,263	411
Expenditures for gasoline, distillate, kerosene, and oil:							
Farms reporting	1939	2,886,614	1,837,205	22,713	1,026,696	2,709,260	177,354
Amount ($1,000)	1939	323,239	211,933	10,572	100,734	318,843	4,396
Expenditures for building materials: [5]							
Farms reporting	1939	1,980,108	1,585,677	17,214	377,217	1,922,594	57,514
Amount ($1,000)	1939	305,650	248,374	14,362	42,914	301,779	3,872

[1] Exclusive of housework. Inquiry for 1939 and for 1944 specifically excluded contract construction work. No mention was made of wages for this kind of work for 1929.
[2] Not available.
[3] Inquiry specified expenditures for automobiles, tractors, and motortrucks for 1929 and 1939, and trailers for 1939.
[4] Includes quantities for which the farm operator reported no expenditure or expenditure for freight only.
[5] Includes expenditures for lumber, roofing materials, hardware, cement, paint, fencing materials, etc.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Vol. III, and 1945 Census of Agriculture, Vol. II.

No. 685.—Value of All Farm Products Sold or Used by Farm Households, With Farms Reporting, by Source of Income, by States: 1945

[Value of farm products refers to calendar year 1944]

Division and State	All classified farms [1]		Fruit and nuts sold		Vegetables sold		Horticultural specialties sold		All other crops (field crops) sold	
	Farms reporting	Value ($1,000)	Farms reporting	Value ($1,000)	Farms reporting	Value ($1,000)	Farms reporting	Value ($1,000)	Farms reporting	Value ($1,000)
United States	5,752,908	18,108,132	531,039	1,078,643	579,579	576,593	34,690	231,259	3,216,108	5,621,103
New England	145,763	473,429	14,557	17,802	19,613	20,566	2,364	18,201	42,768	92,771
Maine	40,528	110,309	4,181	2,000	6,161	3,262	275	1,300	13,822	50,394
New Hampshire	17,859	44,706	1,722	1,651	1,674	811	183	1,255	4,101	1,628
Vermont	25,581	79,753	1,174	1,473	1,202	354	95	304	9,710	3,551
Massachusetts	36,264	125,546	5,396	9,854	7,586	12,067	1,193	8,729	9,755	10,296
Rhode Island	3,583	16,042	504	390	696	841	150	1,229	849	1,667
Connecticut	21,948	97,073	1,580	2,433	2,294	3,231	468	5,384	4,531	25,235
Middle Atlantic	339,827	1,179,896	47,810	65,276	66,058	89,425	5,859	49,782	111,043	117,641
New York	145,761	550,360	20,020	35,755	27,176	40,889	2,262	20,730	47,853	49,755
New Jersey	25,844	173,389	3,590	10,577	10,096	29,680	898	10,512	7,066	18,621
Pennsylvania	168,222	456,147	24,200	18,944	28,786	18,856	2,699	18,541	56,124	49,266
E. N. Central	937,432	3,222,381	68,669	64,053	112,763	80,147	7,076	52,345	440,352	673,334
Ohio	216,193	592,201	20,066	11,699	17,703	15,013	1,948	15,532	102,017	120,627
Indiana	172,902	538,149	8,119	4,194	18,355	13,638	1,055	6,124	80,670	100,592
Illinois	201,426	1,014,989	9,521	9,078	11,415	13,880	1,461	17,025	124,666	354,141
Michigan	171,001	413,404	21,538	32,143	26,226	19,187	1,781	9,818	86,423	69,004
Wisconsin	175,910	663,637	9,425	6,940	39,064	18,429	831	3,846	46,576	28,970
W. N. Central	1,016,763	4,453,780	22,042	5,899	34,280	16,874	2,635	17,313	578,371	1,273,642
Minnesota	186,604	709,861	3,593	898	11,822	6,824	548	3,744	84,972	106,976
Iowa	205,948	1,232,011	5,028	637	6,371	3,306	519	4,985	114,717	216,458
Missouri	237,697	583,719	8,139	3,035	9,001	4,133	713	5,020	85,320	111,684
North Dakota	69,101	391,349	255	28	392	118	87	335	63,911	252,107
South Dakota	67,723	308,581	631	73	813	227	76	366	50,818	100,253
Nebraska	110,773	584,590	1,488	290	1,993	749	223	1,101	81,124	191,343
Kansas	138,917	643,670	2,908	937	3,888	1,516	469	1,762	97,509	294,322
South Atlantic	1,024,708	2,104,210	119,540	178,096	150,303	97,964	5,270	23,386	646,411	899,165
Delaware	9,072	64,863	675	2,161	5,280	3,066	133	908	3,778	2,877
Maryland	40,481	152,374	3,546	4,597	14,240	14,783	440	2,993	20,037	28,991
Dist. of Columbia	40	592	5	2	24	89	15	205	9	6
Virginia	170,494	314,601	16,630	20,164	21,209	10,780	898	3,315	77,191	90,519
West Virginia	95,095	100,045	12,671	7,491	5,960	1,015	435	652	16,163	4,023
North Carolina	283,559	592,632	22,187	7,414	31,805	8,304	960	1,951	221,974	400,796
South Carolina	145,262	237,761	8,706	6,143	24,068	8,267	618	759	119,835	149,638
Georgia	221,427	383,741	31,964	15,259	32,401	9,241	715	3,000	167,747	195,920
Florida	59,278	257,601	23,156	114,866	15,316	42,421	1,056	9,604	19,677	26,396
E. S. Central	945,470	1,396,564	66,453	12,568	63,824	15,767	2,204	5,476	667,002	687,482
Kentucky	233,970	413,682	10,528	2,040	6,160	1,775	337	1,585	138,996	192,628
Tennessee	230,381	323,642	12,249	3,020	18,269	4,955	770	1,833	145,993	120,751
Alabama	220,522	298,296	26,550	3,704	21,252	4,414	720	1,459	162,813	147,404
Mississippi	260,597	360,945	17,126	3,803	18,143	4,624	377	598	219,200	226,699
W. S. Central	863,035	2,088,538	75,998	45,791	88,491	47,592	2,382	9,531	555,472	1,007,672
Arkansas	195,572	329,904	14,340	7,167	17,342	5,158	464	787	129,373	188,672
Louisiana	127,000	217,065	13,533	5,641	14,979	4,959	317	577	95,091	134,966
Oklahoma	162,689	425,900	13,894	2,737	11,501	4,499	380	2,255	101,886	190,091
Texas	377,774	1,115,669	34,231	30,246	44,669	32,976	1,221	5,912	229,122	493,944
Mountain	206,905	1,127,676	20,096	28,609	20,963	42,537	2,449	10,243	107,628	397,914
Montana	36,871	234,613	1,325	653	1,147	589	107	529	24,114	108,464
Idaho	40,710	226,742	3,639	5,571	2,637	3,855	1,052	2,797	24,915	107,925
Wyoming	12,775	87,405	395	49	316	219	178	367	5,854	16,375
Colorado	46,369	262,959	4,720	7,940	5,448	10,736	717	4,584	25,366	84,771
New Mexico	28,561	89,283	3,323	1,746	4,333	2,905	99	246	11,458	29,579
Arizona	12,479	98,760	2,008	8,276	1,413	18,495	78	422	3,610	31,029
Utah	25,844	103,305	4,423	4,322	5,406	5,321	202	1,188	11,206	17,256
Nevada	3,296	24,608	263	51	263	418	16	109	1,105	2,515
Pacific	273,005	2,061,658	95,874	660,550	23,284	165,719	4,451	44,982	67,061	471,481
Washington	77,672	377,834	16,810	87,746	6,074	14,578	1,168	6,708	18,549	125,174
Oregon	61,188	257,545	15,333	31,979	4,394	15,093	1,414	5,973	19,209	76,700
California	134,145	1,426,279	63,731	540,825	12,816	136,048	1,869	32,301	29,303	269,608

[1] Excludes 98,673 farms with no farm products sold or used and 7,588 unclassified farms.

No. 685.—Value of All Farm Products Sold or Used by Farm Households, With Farms Reporting, by Source of Income, by States: 1945—Continued

Division and State	Dairy products sold		Poultry and poultry products sold		Livestock and livestock products sold (other than dairy and poultry)		Forest products sold		Products of the farm used by the farm households	
	Farms reporting	Value ($1,000)	Farms reporting	Value ($1,000)	Farms reporting	Value ($1,000)	Farms reporting	Value ($1,000)	Farms reporting	Value ($1,000)
United States	**2,472,709**	**2,531,408**	**3,401,918**	**1,586,549**	**3,476,763**	**4,526,714**	**221,901**	**78,359**	**5,513,730**	**1,877,505**
New England	**48,425**	**144,150**	**53,448**	**95,945**	**56,590**	**23,943**	**21,528**	**11,258**	**139,629**	**48,791**
Maine	12,762	16,827	12,957	13,365	15,941	4,648	8,039	4,600	38,812	13,912
N. Hampshire	5,754	11,748	6,879	17,739	6,871	2,901	2,470	1,421	17,365	5,552
Vermont	14,496	49,306	8,658	5,372	14,519	6,201	6,996	3,698	23,740	9,494
Massachusetts	8,650	33,759	14,923	33,284	10,256	5,858	2,630	992	34,586	10,707
Rhode Island	1,171	6,158	1,689	3,536	1,406	900	187	83	3,516	1,238
Connecticut	5,592	26,353	8,342	22,649	7,597	3,436	1,206	465	21,610	7,888
Middle Atlantic	**161,292**	**432,048**	**190,206**	**201,600**	**194,225**	**103,054**	**17,313**	**6,237**	**330,549**	**114,833**
New York	77,812	244,060	69,998	69,568	87,018	39,190	10,757	3,846	140,793	46,567
New Jersey	6,077	39,824	15,241	46,287	10,238	10,003	391	136	24,929	7,749
Pennsylvania	77,403	148,164	104,967	85,745	96,969	53,860	6,165	2,255	164,827	60,517
E. N. Central	**637,836**	**783,531**	**677,959**	**275,910**	**733,763**	**1,013,649**	**34,337**	**10,395**	**908,992**	**269,017**
Ohio	131,175	123,177	149,387	64,851	156,244	180,290	4,620	1,525	209,939	59,487
Indiana	111,141	81,980	130,431	58,197	137,202	226,315	3,807	1,165	167,909	45,945
Illinois	132,207	115,776	165,058	63,407	169,494	379,848	2,399	656	194,888	61,177
Michigan	109,157	121,701	102,293	38,890	115,363	72,868	7,788	2,660	164,513	47,134
Wisconsin	154,156	340,897	130,790	50,565	155,460	154,328	15,723	4,388	171,743	55,273
W. N. Central	**731,979**	**449,706**	**841,664**	**415,319**	**870,370**	**1,909,671**	**23,265**	**5,359**	**976,019**	**359,996**
Minnesota	154,190	159,028	151,044	108,246	160,999	248,293	10,366	2,850	180,163	73,000
Iowa	163,446	99,829	183,710	113,626	186,778	713,251	1,383	310	200,937	79,608
Missouri	127,945	65,470	182,819	66,800	189,708	248,554	9,097	1,795	231,193	77,228
North Dakota	54,487	25,520	54,036	12,942	59,108	73,687	571	85	63,299	26,526
South Dakota	49,954	19,863	57,620	24,361	60,823	141,210	282	54	63,910	22,174
Nebraska	86,732	33,105	96,994	43,408	98,338	273,161	371	59	105,968	41,374
Kansas	95,225	46,890	115,441	45,936	114,616	211,515	1,195	207	130,549	40,086
South Atlantic	**196,781**	**146,057**	**440,737**	**212,931**	**408,753**	**155,003**	**50,196**	**21,940**	**985,482**	**369,668**
Delaware	2,562	4,930	6,357	46,645	4,348	1,579	145	88	8,707	2,610
Maryland	14,422	32,297	25,658	39,532	22,848	13,248	1,638	656	39,090	15,278
Dist. of Columbia	4	140	10	75	8	72	-------	-------	22	4
Virginia	51,868	30,663	99,520	41,742	96,035	45,746	13,088	5,175	166,704	66,497
West Virginia	29,915	11,795	51,338	15,717	53,319	20,774	5,595	1,886	93,840	36,693
North Carolina	46,958	20,006	117,677	25,071	98,097	20,827	12,129	4,461	273,462	103,802
South Carolina	15,580	8,416	42,266	7,494	33,493	9,067	4,336	1,882	139,394	46,095
Georgia	32,035	17,762	77,010	27,813	78,512	27,038	11,284	6,439	213,773	81,268
Florida	3,437	20,048	20,901	8,842	22,093	16,652	1,981	1,352	50,490	17,421
E. S. Central	**246,535**	**98,930**	**494,088**	**56,353**	**463,278**	**193,476**	**38,491**	**12,170**	**912,094**	**314,343**
Kentucky	91,558	31,511	145,395	18,221	149,981	88,391	6,025	1,483	224,710	76,049
Tennessee	74,443	34,255	154,683	18,715	148,043	60,410	9,993	2,749	223,194	76,954
Alabama	44,041	15,434	102,846	10,659	93,399	26,259	10,207	4,079	215,425	84,882
Mississippi	36,493	17,730	91,164	8,758	71,855	18,415	12,266	3,859	248,765	76,457
W. S. Central	**257,750**	**132,069**	**499,103**	**121,408**	**490,132**	**444,930**	**26,997**	**6,216**	**827,503**	**273,329**
Arkansas	49,687	15,009	93,781	17,924	96,058	31,243	11,233	2,758	189,118	61,186
Louisiana	8,041	12,216	54,343	4,501	41,411	13,692	3,721	1,010	122,929	39,503
Oklahoma	86,529	38,723	114,027	26,878	116,902	103,043	2,874	441	157,646	57,233
Texas	113,493	66,121	236,952	72,105	235,761	296,952	9,169	2,006	357,810	115,407
Mountain	**102,293**	**87,688**	**101,488**	**49,038**	**143,187**	**450,576**	**3,433**	**1,502**	**193,117**	**59,570**
Montana	18,648	10,062	20,520	4,164	28,523	97,961	763	287	33,704	11,903
Idaho	28,676	28,286	20,299	6,582	30,478	59,239	1,151	483	38,549	12,005
Wyoming	6,945	4,374	6,915	1,900	10,841	59,566	109	52	12,073	4,504
Colorado	23,813	17,734	28,167	11,788	32,754	112,708	488	243	43,945	12,455
New Mexico	5,806	4,659	9,117	2,219	15,532	40,476	536	146	26,703	7,308
Arizona	2,921	6,530	4,633	2,244	5,693	28,160	296	227	10,854	3,377
Utah	14,424	14,014	10,435	19,189	16,883	35,225	77	61	24,315	6,730
Nevada	1,060	2,029	1,402	953	2,483	17,242	13	4	2,974	1,288
Pacific	**89,818**	**257,229**	**103,225**	**158,043**	**116,465**	**232,413**	**6,341**	**3,281**	**240,345**	**67,960**
Washington	35,641	48,341	34,993	28,494	39,915	42,452	2,252	959	74,748	23,381
Oregon	28,560	33,041	28,168	26,331	34,436	48,600	2,673	1,634	58,639	18,195
California	25,617	175,847	40,064	103,219	42,114	141,360	1,416	687	106,958	26,384

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

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No. 686.—Farms—Number, by Value of All Farm Products Sold or Used by Farm Households, by States: 1945

Division and State	All classified farms [1]	Number of farms by value of all farm products [2]					
		$1 to $99	$100 to $249	$250 to $399	$400 to $599	$600 to $799	$800 to $999
United States	**5,752,908**	**120,467**	**333,113**	**433,922**	**514,194**	**421,125**	**359,309**
New England	**145,763**	**7,798**	**17,784**	**18,024**	**17,115**	**10,680**	**6,972**
Maine	40,528	2,942	5,250	4,953	5,079	3,458	2,103
New Hampshire	17,859	1,358	2,916	2,366	2,036	1,238	847
Vermont	25,581	1,016	2,053	2,573	2,521	1,535	1,056
Massachusetts	36,264	1,543	4,046	4,528	4,443	2,799	1,973
Rhode Island	3,583	84	361	434	409	273	185
Connecticut	21,948	855	3,158	3,170	2,627	1,377	808
Middle Atlantic	**339,827**	**11,348**	**29,028**	**29,887**	**30,730**	**21,451**	**16,083**
New York	145,761	5,233	11,763	11,188	11,415	7,698	5,786
New Jersey	25,844	264	901	1,757	1,843	1,492	1,130
Pennsylvania	168,222	5,851	16,364	16,942	17,472	12,261	9,167
East North Central	**937,432**	**27,600**	**58,061**	**54,786**	**60,260**	**47,468**	**40,610**
Ohio	216,193	8,077	19,183	17,273	18,257	13,246	10,686
Indiana	172,902	5,746	11,792	11,728	12,740	10,112	8,558
Illinois	201,426	4,167	9,363	9,003	10,575	8,557	7,117
Michigan	171,001	6,680	12,695	12,262	13,535	10,888	9,768
Wisconsin	175,910	2,930	5,028	4,520	5,153	4,665	4,481
West North Central	**1,016,763**	**13,764**	**30,313**	**33,060**	**42,596**	**38,628**	**36,147**
Minnesota	186,604	3,073	5,591	5,587	6,711	6,090	5,789
Iowa	205,948	1,778	3,744	3,742	4,940	4,602	4,334
Missouri	237,697	5,401	14,030	15,554	19,598	17,144	15,276
North Dakota	69,101	229	514	636	976	1,002	1,113
South Dakota	67,723	603	936	1,055	1,548	1,562	1,644
Nebraska	110,773	570	1,274	1,729	2,439	2,531	2,642
Kansas	138,917	2,110	4,224	4,757	6,384	5,697	5,349
South Atlantic	**1,024,708**	**18,406**	**66,741**	**97,362**	**115,506**	**92,250**	**76,756**
Delaware	9,072	255	737	691	687	526	362
Maryland	40,481	1,030	2,733	3,621	3,558	2,613	1,991
District of Columbia	40	2	3	3	2	----------	2
Virginia	170,494	3,804	15,809	22,373	24,179	16,279	11,875
West Virginia	95,095	3,963	12,359	17,296	18,309	11,895	7,850
North Carolina	283,559	3,055	13,508	18,559	23,666	19,427	16,780
South Carolina	145,262	2,248	7,849	11,769	14,456	13,733	12,739
Georgia	221,427	2,523	9,011	16,506	23,668	22,332	20,857
Florida	59,278	1,526	4,732	6,544	6,981	5,445	4,300
East South Central	**945,470**	**14,967**	**58,387**	**90,215**	**113,903**	**100,939**	**91,664**
Kentucky	233,970	5,215	19,999	29,087	28,864	21,013	16,628
Tennessee	230,381	4,845	17,812	23,532	28,220	23,838	20,965
Alabama	220,522	2,777	11,225	21,951	30,070	26,146	22,489
Mississippi	260,597	2,130	9,351	15,645	26,749	29,942	31,582
West South Central	**863,035**	**12,397**	**44,572**	**75,167**	**96,802**	**83,171**	**71,128**
Arkansas	195,572	2,496	10,065	17,334	22,952	20,271	18,933
Louisiana	127,000	1,768	6,233	11,077	15,908	15,582	14,216
Oklahoma	162,689	1,957	7,542	13,251	16,097	13,135	10,985
Texas	377,774	6,176	20,732	33,505	41,845	34,183	26,994
Mountain	**206,905**	**6,220**	**10,855**	**12,338**	**13,545**	**10,297**	**8,237**
Montana	36,871	593	1,219	1,297	1,481	1,266	1,112
Idaho	40,710	651	1,413	1,588	2,046	1,720	1,565
Wyoming	12,775	190	387	474	503	428	416
Colorado	46,369	1,597	2,359	2,278	2,524	2,043	1,732
New Mexico	28,561	2,178	3,131	3,331	3,061	2,203	1,462
Arizona	12,479	438	917	1,468	1,610	856	551
Utah	25,844	473	1,216	1,695	2,087	1,609	1,270
Nevada	3,296	100	213	207	233	172	129
Pacific	**273,005**	**7,967**	**17,372**	**23,083**	**23,737**	**16,241**	**11,712**
Washington	77,672	2,958	6,671	8,525	8,632	5,768	3,921
Oregon	61,188	2,112	4,905	6,370	6,718	4,442	3,166
California	134,145	2,897	5,796	8,188	8,387	6,031	4,625

For footnotes, see next page.

No. 686.—Farms—Number, by Value of All Farm Products Sold or Used by Farm Households, by States: 1945—Continued

Division and State	Number of farms by value of all farm products [2]—continued							
	$1,000 to $1,499	$1,500 to $1,999	$2,000 to $2,499	$2,500 to $3,999	$4,000 to $5,999	$6,000 to $9,999	$10,000 to $19,999	$20,000 and over
United States	718,009	517,726	390,898	742,780	514,055	398,270	205,803	83,237
New England	10,626	6,800	5,559	12,505	11,210	10,863	6,913	2,914
Maine	3,121	1,923	1,506	3,028	2,402	2,256	1,737	770
New Hampshire	1,348	798	687	1,422	1,094	935	574	240
Vermont	1,724	1,278	1,214	3,316	3,201	2,768	1,136	190
Massachusetts	2,920	1,819	1,383	2,850	2,595	2,666	1,777	922
Rhode Island	273	150	116	274	271	305	288	160
Connecticut	1,240	832	653	1,615	1,647	1,933	1,401	632
Middle Atlantic	28,352	21,109	18,216	43,200	36,813	31,621	16,719	5,270
New York	10,839	8,679	7,926	20,521	18,720	15,927	7,633	2,433
New Jersey	1,920	1,306	1,174	2,523	2,735	3,811	3,614	1,374
Pennsylvania	15,593	11,124	9,116	20,156	15,358	11,883	5,472	1,463
East North Central	84,726	71,785	65,665	156,861	125,297	94,357	40,571	9,385
Ohio	20,662	16,155	13,863	31,326	23,980	16,190	5,881	1,414
Indiana	17,123	13,575	11,772	26,307	20,329	15,136	6,505	1,479
Illinois	14,786	11,745	10,710	27,695	29,422	33,495	19,967	4,824
Michigan	19,867	16,444	13,786	27,046	15,696	8,481	2,979	874
Wisconsin	12,288	13,866	15,534	44,487	35,870	21,055	5,239	794
West North Central	85,364	80,853	76,579	191,534	169,326	139,907	62,364	16,328
Minnesota	14,662	15,370	16,007	41,678	35,118	23,028	6,565	1,335
Iowa	10,299	10,673	11,409	35,461	41,573	44,745	23,266	5,382
Missouri	33,039	26,243	20,308	35,163	18,847	11,083	4,478	1,533
North Dakota	3,165	3,857	4,372	14,268	16,088	14,962	6,625	1,294
South Dakota	4,495	5,132	5,512	15,851	14,335	10,582	3,716	752
Nebraska	6,904	7,827	8,163	24,415	23,567	18,578	7,647	2,487
Kansas	12,800	11,751	10,808	24,698	19,798	16,929	10,067	3,545
South Atlantic	150,508	108,148	80,333	124,332	51,349	24,425	11,900	6,692
Delaware	641	440	373	913	881	956	883	727
Maryland	3,568	2,722	2,245	5,271	4,431	3,787	2,094	817
Dist. of Columbia	2	5	3	6	3	----------	5	4
Virginia	21,052	14,015	10,551	15,992	7,098	4,013	2,300	1,154
West Virginia	10,068	4,496	2,326	3,126	1,573	1,000	593	241
North Carolina	36,436	32,995	31,043	56,487	22,694	6,916	1,530	463
South Carolina	27,348	19,069	12,579	15,916	4,605	1,711	846	394
Georgia	43,973	29,497	17,974	21,608	7,254	3,685	1,716	823
Florida	7,420	4,909	3,239	5,013	2,810	2,357	1,933	2,069
East South Central	182,770	112,541	62,785	71,467	24,972	13,169	5,656	2,035
Kentucky	29,561	20,988	15,036	24,844	12,369	7,044	2,635	687
Tennessee	41,232	26,269	15,513	17,649	5,954	3,008	1,163	375
Alabama	43,173	26,498	14,722	14,679	3,742	1,675	907	468
Mississippi	68,798	38,786	17,514	14,295	2,907	1,442	951	505
West South Central	138,114	87,902	57,220	87,297	46,129	33,580	19,640	9,916
Arkansas	39,407	23,913	13,269	15,462	5,342	3,140	1,952	1,037
Louisiana	26,668	13,921	7,208	7,216	2,719	2,138	1,489	857
Oklahoma	22,039	15,926	11,897	21,328	13,308	9,535	4,392	1,297
Texas	50,000	34,142	24,846	43,291	24,760	18,767	11,807	6,726
Mountain	16,837	14,018	12,334	28,828	24,604	22,971	16,522	9,299
Montana	2,477	2,393	2,253	5,522	5,284	5,723	4,335	1,916
Idaho	3,180	2,705	2,478	6,267	5,934	5,767	3,713	1,683
Wyoming	999	973	850	2,221	1,786	1,561	1,167	820
Colorado	3,743	3,262	2,944	6,917	5,635	5,186	3,825	2,324
New Mexico	2,545	1,704	1,251	2,441	1,880	1,635	1,079	660
Arizona	982	600	511	1,066	917	817	806	940
Utah	2,655	2,172	1,860	3,997	2,839	1,969	1,301	701
Nevada	256	209	187	397	329	313	296	255
Pacific	20,712	14,570	12,207	26,756	24,355	27,377	25,518	21,398
Washington	6,538	4,262	3,309	6,720	5,400	5,482	5,373	4,113
Oregon	5,447	3,656	2,975	6,131	4,934	4,499	3,547	2,286
California	8,727	6,652	5,923	13,905	14,021	17,396	16,598	14,999

[1] Includes farms with usable reports for value of farm products sold or used by farm households; excludes 98,673 farms with no farm products sold or used and 7,588 unclassified farms.
[2] Value of all farm products sold or used by farm households in 1944.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 687.—Farm Facilities, Roads, Motor Vehicles, Tractors, and Residence of Farm Operators, by States: 1945

[Specified facilities relate only to farms reporting dwellings]

Division and state	Number of farms reporting—							
	Running water	Electricity	Radio	Telephone	Electric distribution line within ¼ mile	Distance to nearest all-weather road		
						0.0 to 0.2 mile	0.3 to 0.9 mile	1.0 mile and over
United States	**1,679,023**	**2,787,624**	**4,264,007**	**1,866,109**	**3,485,489**	**3,771,094**	**600,937**	**1,194,334**
New England	**106,838**	**117,313**	**130,514**	**94,899**	**125,805**	**121,011**	**9,133**	**13,242**
Maine	19,848	27,324	35,356	22,642	30,906	32,893	2,955	4,853
N. Hampshire	13,564	15,507	16,489	11,795	16,792	13,621	1,915	2,802
Vermont	21,202	18,462	21,305	14,604	20,232	19,307	2,107	3,816
Massachusetts	31,095	33,107	33,660	26,295	33,967	31,565	1,172	863
Rhode Island	2,894	3,146	3,268	2,338	3,246	3,134	197	257
Connecticut	18,235	19,767	20,436	17,225	20,662	20,491	787	651
Middle Atlantic	**201,928**	**273,338**	**299,355**	**161,781**	**296,927**	**246,657**	**39,215**	**48,434**
New York	86,868	122,821	131,783	78,484	131,021	115,329	11,400	17,996
New Jersey	21,506	23,884	24,320	13,842	24,429	21,578	1,863	1,213
Pennsylvania	93,554	126,633	143,252	69,455	141,477	109,750	25,952	29,225
E. N. Central	**338,878**	**676,604**	**820,493**	**487,701**	**757,822**	**779,107**	**67,326**	**66,611**
Ohio	83,856	164,949	186,503	111,461	181,964	181,210	15,292	15,006
Indiana	59,652	122,742	147,417	97,236	140,964	147,344	9,930	7,849
Illinois	54,172	120,177	175,778	124,039	139,424	156,834	19,132	21,462
Michigan	86,163	144,260	154,353	68,858	155,081	148,916	9,924	8,762
Wisconsin	55,035	124,476	156,442	86,107	140,389	144,803	13,048	13,532
W. N. Central	**218,099**	**439,265**	**871,693**	**587,273**	**487,802**	**537,785**	**145,279**	**267,687**
Minnesota	38,721	95,342	165,243	103,178	109,701	135,124	28,672	20,809
Iowa	65,817	129,001	190,438	165,760	145,524	137,469	26,140	36,719
Missouri	28,670	76,417	190,148	109,055	105,127	156,709	31,517	47,923
North Dakota	6,073	18,612	57,769	23,641	9,675	21,977	12,177	33,323
South Dakota	10,727	19,028	57,691	31,145	11,839	27,744	10,958	28,190
Nebraska	35,079	46,619	94,635	63,195	48,803	42,846	17,394	50,664
Kansas	33,012	54,246	115,769	91,299	57,133	65,916	18,421	50,059
South Atlantic	**195,000**	**393,245**	**601,398**	**115,121**	**594,304**	**630,246**	**109,819**	**227,981**
Delaware	4,560	5,605	7,009	3,694	7,381	6,279	1,211	1,752
Maryland	18,719	25,256	31,628	17,137	29,996	22,981	5,585	8,414
Dist. of Columbia	23	24	22	24	40	37	1	----------
Virginia	36,741	63,512	104,762	31,835	91,637	107,809	21,014	34,903
West Virginia	17,751	38,763	66,201	21,599	48,164	52,936	10,908	31,907
North Carolina	43,943	107,982	172,115	14,539	167,568	161,036	34,553	69,037
South Carolina	19,091	52,101	67,853	6,306	91,602	83,215	16,015	36,374
Georgia	34,104	77,145	117,937	13,558	125,666	153,969	15,537	37,021
Florida	20,068	22,857	33,871	6,429	32,250	41,984	4,995	8,573
E. S. Central	**96,992**	**255,122**	**542,813**	**99,442**	**446,778**	**607,440**	**100,602**	**191,498**
Kentucky	20,726	68,088	148,692	42,118	111,686	138,821	26,448	62,961
Tennessee	30,175	70,769	157,983	36,365	106,828	169,704	24,110	28,210
Alabama	25,581	66,046	117,485	11,162	109,279	137,396	20,987	50,278
Mississippi	20,510	50,219	118,653	9,797	118,985	161,519	29,057	50,049
W. S. Central	**203,045**	**279,098**	**580,329**	**129,075**	**418,247**	**441,146**	**95,414**	**297,765**
Arkansas	15,834	43,053	133,416	13,815	80,478	111,200	25,413	47,513
Louisiana	17,481	31,558	63,025	6,434	65,137	81,445	14,944	21,583
Oklahoma	27,914	47,104	122,448	41,101	64,845	54,531	19,106	86,919
Texas	141,816	157,383	261,440	67,725	207,787	193,970	35,951	141,750
Mountain	**90,372**	**121,246**	**168,573**	**69,251**	**117,368**	**118,498**	**19,227**	**65,587**
Montana	9,810	15,782	31,744	7,847	12,525	13,816	3,731	18,625
Idaho	22,475	31,995	36,660	17,421	32,454	28,719	3,880	6,455
Wyoming	4,113	6,794	11,332	4,054	5,391	4,717	1,490	6,493
Colorado	17,486	27,643	39,956	22,106	25,970	28,218	4,410	13,611
New Mexico	8,427	8,844	15,819	3,175	9,401	10,654	2,686	14,870
Arizona	9,136	8,756	10,216	4,661	9,336	9,544	996	2,077
Utah	16,867	19,353	20,173	8,479	20,399	21,187	1,783	2,277
Nevada	2,058	2,079	2,673	1,508	1,892	1,643	251	1,179
Pacific	**227,871**	**232,393**	**248,839**	**121,566**	**240,436**	**239,204**	**14,922**	**15,529**
Washington	61,691	67,955	73,397	35,502	69,142	67,291	5,232	4,910
Oregon	45,998	48,390	56,254	25,643	49,560	53,547	3,700	4,039
California	120,182	116,048	119,188	60,421	121,734	118,366	5,990	6,580

No. 687.—Farm Facilities, Roads, Motor Vehicles, Tractors, and Residence of Farm Operators, by States: 1945—Continued

Division and State	Motor trucks on farms		Tractors on farms		Automobiles on farms		Farm operators reporting residence	
	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	On farm operated	Not on farm operated
United States	1,299,350	1,490,300	2,002,662	2,421,747	3,630,433	4,148,275	5,459,841	336,893
New England	59,372	74,151	46,801	53,943	107,724	126,799	137,983	10,673
Maine	15,229	17,849	12,937	14,794	27,223	30,095	38,775	2,860
N. Hampshire	7,486	9,191	5,386	6,094	13,195	14,987	17,304	1,319
Vermont	8,386	9,567	6,596	7,327	17,335	19,663	22,448	3,562
Massachusetts	14,589	18,751	12,075	14,026	28,505	32,901	34,648	2,001
Rhode Island	2,115	3,142	1,563	1,962	3,021	3,965	3,476	124
Connecticut	11,567	15,651	8,244	9,740	18,445	25,188	21,332	807
Middle Atlantic	121,457	148,632	172,867	205,739	277,285	337,989	327,021	18,257
New York	57,049	69,141	77,523	93,292	119,494	144,948	139,323	8,954
New Jersey	16,338	23,220	14,604	19,809	21,183	27,875	25,091	997
Pennsylvania	48,070	56,271	80,740	92,638	136,608	165,166	162,607	8,306
East North Central	220,357	240,161	538,003	643,419	804,544	942,059	898,028	49,013
Ohio	38,670	42,808	110,803	130,486	185,116	221,587	206,982	11,959
Indiana	35,260	38,411	89,458	105,263	146,130	165,796	165,681	8,712
Illinois	52,600	56,629	131,949	174,270	171,242	200,914	191,632	11,475
Michigan	37,304	41,303	96,452	110,120	149,348	172,655	164,054	10,071
Wisconsin	56,523	61,010	109,341	123,280	152,708	181,107	169,679	6,796
West North Central	261,765	285,597	631,151	759,324	852,290	971,267	967,582	54,584
Minnesota	44,170	47,413	128,706	152,555	166,273	191,691	178,878	7,601
Iowa	35,482	37,386	151,137	181,049	189,749	224,216	200,070	7,094
Missouri	44,241	47,225	67,533	76,110	156,285	165,243	226,317	14,186
North Dakota	32,494	36,674	56,619	73,984	59,463	69,235	62,404	6,465
South Dakota	20,487	22,230	52,070	62,772	59,752	68,717	64,209	3,933
Nebraska	30,792	33,761	81,448	96,203	100,928	118,572	105,439	5,767
Kansas	54,099	60,908	93,638	116,651	119,840	133,593	130,265	9,538
South Atlantic	153,630	175,872	115,502	134,791	491,883	537,440	966,971	64,084
Delaware	3,110	3,800	3,839	4,604	7,640	9,537	8,806	456
Maryland	16,080	19,197	15,968	18,789	31,953	41,485	38,414	2,601
Dist. of Columbia	24	35	12	21	20	22	27	8
Virginia	27,966	31,956	20,418	23,418	83,037	94,413	162,179	9,935
West Virginia	14,843	16,285	6,358	6,863	37,670	40,477	91,260	5,824
North Carolina	30,489	32,924	28,482	31,189	143,666	152,109	267,561	16,164
South Carolina	13,296	15,348	10,366	12,447	73,515	77,576	136,520	9,424
Georgia	31,250	34,688	20,551	24,648	86,062	90,100	211,024	10,382
Florida	16,572	21,639	9,508	12,812	28,320	31,721	51,180	9,290
East South Central	97,566	105,736	73,558	86,598	293,201	309,744	900,120	43,629
Kentucky	25,175	27,194	22,367	24,409	95,883	102,997	220,054	16,325
Tennessee	24,659	26,326	21,892	24,052	86,355	91,392	220,632	11,490
Alabama	21,939	23,949	14,688	17,060	56,187	58,449	211,266	7,797
Mississippi	25,793	28,267	14,611	21,077	54,776	56,906	248,168	8,017
West South Central	168,660	187,775	222,208	276,943	424,928	454,759	816,564	51,729
Arkansas	30,304	33,134	18,599	26,537	51,538	53,925	186,831	8,803
Louisiana	18,637	20,974	11,433	17,630	37,327	40,651	122,836	4,630
Oklahoma	40,910	44,381	60,945	70,395	95,225	100,584	154,569	8,240
Texas	78,809	89,286	131,231	162,381	240,838	259,599	352,328	30,056
Mountain	98,600	118,528	94,251	120,455	149,393	174,399	190,485	20,085
Montana	23,661	29,388	24,317	31,725	27,647	31,569	34,030	3,397
Idaho	16,576	19,096	17,263	20,299	31,601	35,802	38,211	2,844
Wyoming	7,424	8,917	7,444	9,855	9,551	11,445	12,165	831
Colorado	24,057	28,794	25,386	32,766	37,037	44,529	43,813	3,375
New Mexico	10,256	11,902	8,431	10,735	13,608	15,351	27,275	2,200
Arizona	5,008	6,859	3,833	6,372	8,966	12,356	11,426	1,451
Utah	9,720	10,969	6,313	6,876	18,680	20,303	20,554	5,599
Nevada	1,898	2,603	1,264	1,827	2,303	3,044	3,011	388
Pacific	117,943	153,848	108,321	140,535	229,185	293,819	255,087	24,839
Washington	32,730	40,034	27,768	32,050	63,713	74,205	76,222	3,150
Oregon	23,253	28,118	24,183	28,646	50,840	59,362	59,526	3,292
California	61,960	85,696	56,370	79,839	114,632	160,252	119,339	18,397

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 688.—Fertilizer Consumption, 1880 to 1946, and by States, 1943 to 1946

[**In thousands of tons of 2,000 pounds.** Based on tag sales, records of Government officials, or estimates. Beginning 1935, figures include tonnage distributed by Agricultural Adjustment Administration and by Tennessee Valley Authority, data for the latter representing fiscal years ending June 30. Data for phosphate rock used in Illinois and Florida, available only since 1939, have been excluded from annual comparisons. In addition to tonnage for consumption, fertilizers and fertilizer materials produced in continental U. S. are exported to island possessions]

YEAR	Quantity	YEAR	Quantity	YEAR	Quantity	YEAR	Quantity
1880	1,150	1918	6,467	1928	7,986	1938	7,548
1890	1,950	1919	6,626	1929	8,012	1939	7,707
1900	2,200	1920	7,177	1930	8,222	1940	8,249
1910	5,453	1921	4,863	1931	6,354	1941	9,183
1912	5,767	1922	5,671	1932	4,385	1942	9,949
1913	6,337	1923	6,445	1933	4,908	1943	11,463
1914	7,100	1924	6,826	1934	5,583	1944	12,055
1915	5,324	1925	7,334	1935	6,276	1945	13,202
1916	5,125	1926	7,329	1936	6,931	1946 [1]	14,892
1917	5,926	1927	6,844	1937	8,226		

DIVISION AND STATE	1943	1944	945	1946 [1]
United States	*11,463*	*12,055*	*13,202*	*14,892*
New England:				
Maine	217	221	235	295
New Hampshire	28	21	22	28
Vermont	31	38	45	46
Massachusetts	87	89	89	89
Rhode Island	15	15	17	18
Connecticut	76	74	92	83
Middle Atlantic:				
New York	503	479	532	550
New Jersey	223	239	245	260
Pennsylvania	414	488	465	525
E. N. Central:				
Ohio	528	591	635	731
Indiana	396	479	568	693
Illinois	111	196	270	321
Michigan	264	288	340	393
Wisconsin	178	217	268	302
W. N. Central:				
Minnesota	54	78	107	126
Iowa	60	94	145	215
Missouri	150	180	193	302
North Dakota	3	3	3	8
South Dakota	1	(2)	(2)	3
Nebraska	2	3	3	9
Kansas	32	47	38	61
South Atlantic:				
Delaware	45	46	49	52
Maryland	209	216	218	245
Dist. of Columbia	3	2	2	2
S. Atlantic—Con.				
Virginia	535	563	628	685
West Virginia	69	60	60	92
North Carolina	1,444	1,407	1,530	1,717
South Carolina	895	811	823	944
Georgia	1,146	1,081	1,138	1,142
Florida	723	830	917	1,061
E. S. Central:				
Kentucky	262	309	405	376
Tennessee	302	343	375	359
Alabama	829	823	781	905
Mississippi	509	456	537	477
W. S. Central:				
Arkansas	203	172	155	173
Louisiana	220	234	270	258
Oklahoma	25	24	31	59
Texas	202	225	260	396
Mountain:				
Montana	5	7	8	10
Idaho	11	25	34	48
Wyoming	2	4	4	5
Colorado	9	11	18	24
New Mexico	4	7	8	15
Arizona	19	22	29	30
Utah	4	12	9	18
Nevada	(2)	(2)	1	1
Pacific:				
Washington	54	56	62	91
Oregon	39	42	45	74
California	322	428	488	575

[1] Preliminary. [2] Less than 500 tons.

Source: The National Fertilizer Association, Washington, D. C. Published in The Fertilizer Review.

No. 689.—Farmers' Marketing and Purchasing Associations—Number, Membership, and Business, by Commodity Groups: 1944–45 and 1945–46

[See headnote, table 690]

COMMODITY GROUP	ASSOCIATIONS LISTED		ESTIMATED MEMBERSHIP [1]		ESTIMATED BUSINESS [2] ($1,000)	
	1944–45	1945–46	1944–45	1945–46	1944–45	1945–46
Total	**10,150**	**10,150**	**4,505,000**	**5,010,000**	**5,645,000**	**6,070,000**
Cotton and products	530	529	266,000	285,000	178,000	176,500
Dairy products	2,214	2,210	726,000	739,000	1,294,000	1,428,000
Fruits and vegetables	916	921	162,000	177,000	784,000	815,000
Grain, dry beans, rice	2,285	2,256	484,000	536,000	1,286,000	1,495,000
Livestock	*661*	*618*	*695,000*	*800,000*	*730,000*	*735,000*
Nuts	46	43	46,700	62,700	200,000	176,500
Poultry and eggs	160	153	130,600	127,000	225,000	213,000
Tobacco	12	13	122,000	150,000	27,000	24,100
Wool and mohair	130	130	122,500	116,000	35,000	34,000
Miscellaneous marketing	446	505	140,200	157,300	76,000	79,900
Purchasing	2,750	2,772	1,610,000	1,860,000	810,000	923,000

[1] See note, 2, table 690. [2] See note 3, table 690.

Source: Department of Agriculture, Farm Credit Administration; annual report, Statistics of Farmers' Marketing and Purchasing Cooperatives.

No. 690.—Farmers' Marketing and Purchasing Associations—Number, Membership, and Business: 1913 to 1946

[Comprises independent local associations, federations, large-scale centralized associations, sales agencies, independent service-rendering associations, and subsidiaries whose businesses are distinct from those of parent organizations. Estimates based on reports received from association officers]

Period [1]	Associations listed			Estimated membership [2]			Estimated business ($1,000) [3]		
	Total	Marketing	Purchasing	Total	Marketing	Purchasing	Total	Marketing	Purchasing
1913	3,099	2,988	111				310,313	304,385	5,928
1915	5,424	5,149	275	651,186	591,683	59,503	635,839	624,161	11,678
1921	7,374	6,476	898				1,256,214	1,198,493	57,721
1925-26	10,803	9,586	1,217	2,700,000	2,453,000	247,000	2,400,000	2,265,000	135,000
1929-30	12,000	10,546	1,454	3,100,000	2,630,000	470,000	2,500,000	2,310,000	190,000
1930-31	11,950	10,362	1,588	3,000,000	2,608,000	392,000	2,400,000	2,185,000	215,000
1931-32	11,900	10,255	1,645	3,200,000	2,667,000	533,000	1,925,000	1,744,000	181,000
1932-33	11,000	9,352	1,648	3,000,000	2,457,300	542,700	1,340,000	1,199,500	140,500
1933-34	10,900	9,052	1,848	3,156,000	2,464,000	692,000	1,365,000	1,213,000	152,000
1934-35	10,700	8,794	1,906	3,280,000	2,490,000	790,000	1,530,000	1,343,000	187,000
1935-36	10,500	8,388	2,112	3,660,000	2,710,000	950,000	1,840,000	1,586,000	254,000
1936-37	10,743	8,142	2,601	3,270,000	2,414,000	856,000	2,196,000	1,882,600	313,400
1937-38	10,900	8,300	2,600	3,400,000	2,500,000	900,000	2,400,000	2,050,000	350,000
1938-39	10,700	8,100	2,600	3,300,000	2,410,000	890,000	2,100,000	1,765,000	335,000
1939-40	10,700	8,051	2,649	3,200,000	2,300,000	900,000	2,087,000	1,729,000	358,000
1940-41	10,600	7,943	2,657	3,400,000	2,420,000	980,000	2,280,000	1,911,000	369,000
1941-42	10,550	7,824	2,726	3,600,000	2,430,000	1,170,000	2,840,000	2,360,000	480,000
1942-43	10,450	7,708	2,742	3,850,000	2,580,000	1,270,000	3,780,000	3,180,000	600,000
1943-44	10,300	7,522	2,778	4,250,000	2,730,000	1,520,000	5,160,000	4,430,000	730,000
1944-45	10,150	7,400	2,750	4,505,000	2,895,000	1,610,000	5,645,000	4,835,000	810,000
1945-46	10,150	7,378	2,772	5,010,000	3,150,000	1,860,000	6,070,000	5,147,000	923,000

[1] Represents marketing season during which farm products of a specified year are moved into channels of trade. Marketing seasons overlap.

[2] For years since about 1935, comprises members, contract members, and shareholders, but excludes patrons not in these categories.

[3] Includes value of commodities sold or purchased for patrons and charges for rendering other essential services either in marketing or purchasing. Most duplication in value arising from intra-association transactions has been eliminated.

Source: Department of Agriculture, Farm Credit Administration; annual report, Statistics of Farmers' Marketing and Purchasing Cooperatives.

No. 691.—Farmers' Marketing and Purchasing Associations—Number Membership, and Business, by States: 1945–46

[See headnote, table 690]

Division and state	Associations listed	Estimated membership [1]	Estimated business ($1,000) [2]
United States	**10,150**	**5,010,000**	**6,070,000**
New England	**159**	**119,140**	**197,980**
Maine	35	8,350	19,900
New Hampshire	14	4,310	18,170
Vermont	38	11,400	24,470
Massachusetts	39	85,360	113,320
Rhode Island	3	1,390	2,540
Connecticut	30	8,330	19,580
Middle Atlantic	**623**	**301,310**	**519,750**
New York	381	171,440	344,680
New Jersey	60	30,560	50,820
Pennsylvania	182	99,310	124,250
East North Central	**2,360**	**1,357,100**	**1,352,920**
Ohio	293	212,850	265,370
Indiana	178	215,100	211,600
Illinois	631	484,780	399,950
Michigan	256	150,480	164,300
Wisconsin	1,002	293,890	311,700
West North Central	**4,060**	**1,600,360**	**1,807,630**
Minnesota	1,352	505,900	576,680
Iowa	733	307,500	320,940
Missouri	308	291,030	239,500
North Dakota	578	139,900	191,700
South Dakota	301	100,250	102,420
Nebraska	436	159,650	183,520
Kansas	352	96,130	192,870
South Atlantic	**470**	**477,320**	**460,520**
Delaware	12	5,180	3,620
Maryland	59	34,150	27,700
District of Columbia	1	1,360	23,000
S. Atlantic—Continued			
Virginia	131	213,710	123,770
West Virginia	48	22,840	4,790
North Carolina	40	76,300	34,720
South Carolina	24	11,970	8,920
Georgia	63	105,600	105,800
Florida	92	6,210	128,200
East South Central	**279**	**344,410**	**130,710**
Kentucky	50	144,250	33,860
Tennessee	56	91,080	22,240
Alabama	72	66,200	13,210
Mississippi	101	42,880	61,400
West South Central	**803**	**300,010**	**343,440**
Arkansas	56	6,910	18,980
Louisiana	63	20,460	27,000
Oklahoma	192	110,540	104,030
Texas	492	162,100	193,430
Mountain	**565**	**250,460**	**281,110**
Montana	195	39,400	60,330
Idaho	116	74,000	62,240
Wyoming	27	11,770	12,310
Colorado	116	53,340	67,180
New Mexico	23	5,270	7,990
Arizona	13	33,240	9,430
Utah	67	33,050	60,950
Nevada	8	390	680
Pacific	**831**	**259,890**	**975,940**
Washington	205	95,690	211,700
Oregon	150	63,900	112,300
California	476	100,300	651,940

[1] See note 2, table 690. [2] See note 3, table 690.

Source: Department of Agriculture, Farm Credit Administration; annual report, Statistics of Farmers' Marketing and Purchasing Cooperatives.

No. 692.—Farms and Farm Property—Summary for Alaska, Hawaii, Puerto Rico, Virgin Islands, and Guam

[Figures are as of Apr. 1 except for Alaska, which are as of Oct. 1]

ITEM	ALASKA		HAWAII		PUERTO RICO	
	1929	1939	1930	1940	1930	1940
Number of farms, total	500	623	5,955	4,995	52,965	55,519
Operated by owners	330	471	1,437	1,345	43,101	42,990
Full owners	(1)	397	1,078	956	40,480	40,622
Part owners	(1)	74	359	389	2,621	2,368
Operated by managers	39	27	203	123	3,374	1,303
Operated by tenants	131	125	4,315	3,527	6,490	11,226
Land in farms, total [2]	525,942	1,775,752	2,815,026	2,485,648	1,979,474	1,885,874
Operated by owners	63,626	51,566	740,555	490,396	1,166,976	1,072,144
Full owners	(1)	43,522	61,398	41,966	1,040,161	931,931
Part owners	(1)	8,044	679,157	448,430	126,815	140,213
Operated by managers	176,474	526,619	1,463,744	1,882,113	676,760	573,699
Operated by tenants	285,842	1,197,567	610,727	113,139	135,738	240,031
Number of farms, by size:[2]						
Under 10 acres or cuerdas	88	75	3,407	2,870	26,520	29,370
10 to 19 acres or cuerdas	23	24	1,146	952	11,067	11,288
20 to 49 acres or cuerdas	36	86	905	739	8,835	8,575
50 to 99 acres or cuerdas	37	117	196	163	3,351	3,200
100 to 174 acres or cuerdas	156	190	83	60	1,570	1,504
175 to 259 acres or cuerdas	17	26	43	40	674	646
260 to 499 acres or cuerdas	71	45	33	36	581	594
500 acres or cuerdas and over	72	60	142	135	367	342
Land in farms, by size of farm:[2]						
Under 10 acres or cuerdas	233	307	13,627	11,344	131,432	145,438
10 to 19 acres or cuerdas	315	306	15,371	12,892	147,503	151,510
20 to 49 acres or cuerdas	1,284	3,288	26,842	23,030	264,712	258,563
50 to 99 acres or cuerdas	2,631	8,403	13,048	11,228	226,464	215,540
100 to 174 acres or cuerdas	23,630	28,295	10,385	7,579	201,928	191,678
175 to 259 acres or cuerdas	3,602	5,459	9,025	8,475	143,884	135,568
260 to 499 acres or cuerdas	24,130	15,041	11,518	12,955	196,061	206,789
500 acres or cuerdas and over	470,117	1,714,653	2,715,210	2,398,145	667,490	580,788
Value of farm property ($1,000):						
Land and buildings	2,857	3,841	111,780	112,788	182,112	173,863
Buildings	1,206	2,140	17,423	17,829	16,948	16,556
Implements and machinery	453	377	14,158	13,805	4,617	8,445

ITEM	VIRGIN ISLANDS		Guam, 1940 [3]
	1930	1940	
Number of farms, total	329	828	2,450
Operated by owners	177	540	1,189
Full owners	146	498	(1)
Part owners	31	42	(1)
Operated by managers	59	58	
Operated by tenants	93	230	
Operated by lessees, renters, and borrowers (squatters)			1,261
Land in farms, total	68,322	455,219	59,533
Operated by owners	37,190	24,107	37,120
Full owners	28,585	22,623	(1)
Part owners	8,605	1,484	(1)
Operated by managers	29,039	24,782	
Operated by tenants	2,093	6,330	
Operated by lessees, renters, and borrowers (squatters)			22,413
Number of farms, by size:			
Under 10 acres	122	504	1,359
10 to 19 acres	34	145	436
20 to 49 acres	35	53	486
50 to 499 acres	96	96	159
500 acres and over	42	30	10
Land in farms, by size of farm:			
Under 10 acres	560	2,764	5,656
10 to 19 acres	483	1,816	5,671
20 to 49 acres	1,043	1,526	14,130
50 to 499 acres	23,249	20,092	16,794
500 acres and over	42,987	29,021	17,282
Value of farm property ($1,000):			
Land and buildings	2,401	2,399	(1)
Buildings	666	771	(1)
Implements and machinery	73	113	(1)

AMERICAN SAMOA

Number of farms, 1930	815	Farms operated by owners, 1940	709
Number of farms, 1940	1,038		

[1] Data not available.
[2] For Alaska and Hawaii, figures are for acres; for Puerto Rico, cuerdas. A cuerda is equivalent to 0.9712 acre.
[3] Number of farms reported for 1930, 2,104; no other data available.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Territories and Possessions.