

CENSUS OF AGRICULTURE: 1945

Table 8.—ELECTRIC DISTRIBUTION LINE WITHIN 1/4 MILE, 1945 AND 1940; AND FARM

REGION, DIVISION, AND STATE	FARMS CLASSIFIED AS TO ELECTRIC DISTRIBUTION LINE WITHIN 1/4 MILE								FARMS CLASSIFIED AS TO ELECTRICITY IN FARM DWELLING				
	Within 1/4 mile				Not within 1/4 mile		Not reporting		With electricity				
	Total		Percent of all farms		But without electricity in dwelling ¹		1945	1940	1945	1940	1945		1940
	1945	1940	1945	1940	1945	1940					Total	Resident-operator farms	
United States.....	3,485,489	2,780,207	59.5	45.6	806,305	926,958	2,370,266	3,095,901	140,680	220,691	2,787,624	2,684,022	2,032,316
The North.....	1,668,356	1,412,215	67.2	54.7	239,493	357,508	816,527	1,077,954	39,763	89,790	1,506,520	1,454,896	1,166,880
The South.....	1,459,329	1,051,452	50.7	35.0	547,826	536,201	1,410,206	1,840,517	88,698	115,201	927,465	892,870	562,288
The West.....	357,804	316,540	72.4	62.1	18,986	33,249	143,533	177,430	12,219	15,700	353,639	336,256	308,206
GEOGRAPHIC DIVISIONS:													
New England.....	125,805	100,618	83.7	74.4	10,337	11,667	24,629	30,526	2,590	4,046	117,313	111,899	91,834
Middle Atlantic.....	236,927	250,217	85.5	74.8	29,686	42,555	50,914	79,125	3,866	8,758	273,388	262,891	227,436
East North Central.....	757,822	687,976	79.5	68.4	98,804	160,460	196,347	288,725	13,254	29,394	676,604	653,299	554,875
West North Central.....	487,802	363,404	47.3	33.3	105,656	142,826	544,637	679,578	20,053	47,592	439,265	426,807	292,705
South Atlantic.....	594,304	438,307	57.0	43.0	205,442	197,169	448,655	542,889	35,433	38,255	393,245	378,799	253,577
East South Central.....	446,778	317,242	46.5	31.0	194,381	179,766	507,559	666,873	29,062	39,234	255,122	246,495	146,202
West South Central.....	418,247	295,903	47.6	30.7	148,003	159,266	453,992	630,755	24,203	37,712	279,098	267,576	162,479
Mountain.....	117,368	98,747	55.2	42.3	10,184	18,012	96,144	125,668	7,294	9,082	121,246	115,525	95,102
Pacific.....	240,436	217,793	85.3	78.9	8,802	15,237	47,389	51,762	4,925	6,618	232,393	220,731	208,106
NEW ENGLAND:													
Maine.....	30,906	24,160	78.3	62.0	4,131	3,939	11,250	13,415	678	1,405	27,324	26,055	21,124
New Hampshire.....	16,792	12,374	89.4	74.7	1,592	1,529	2,024	3,587	142	593	15,507	14,580	11,184
Vermont.....	20,232	14,855	76.4	63.0	2,269	2,642	6,314	8,302	669	425	18,462	16,953	12,873
Massachusetts.....	33,967	28,043	91.8	87.9	1,080	1,923	3,100	2,756	862	1,098	33,107	32,062	26,648
Rhode Island.....	3,246	2,644	90.1	87.7	138	197	368	288	22	82	3,146	3,067	2,511
Connecticut.....	20,662	18,542	92.9	87.6	1,107	1,547	1,573	2,178	217	443	19,767	19,182	17,494
MIDDLE ATLANTIC:													
New York.....	131,021	115,879	87.6	75.6	10,035	13,596	18,880	33,711	1,700	3,648	122,821	117,503	106,804
New Jersey.....	24,429	23,056	93.1	89.2	948	1,758	1,837	2,034	230	745	23,884	23,169	21,695
Pennsylvania.....	141,477	121,282	82.4	71.8	18,703	27,201	30,197	43,380	1,936	4,365	126,633	122,219	98,937
EAST NORTH CENTRAL:													
Ohio.....	181,964	170,897	82.5	73.1	19,374	33,217	38,856	54,624	3,151	8,262	164,949	158,923	143,436
Indiana.....	140,964	123,662	80.1	67.0	19,507	32,535	34,808	56,676	2,886	4,211	122,742	118,309	95,575
Illinois.....	139,424	114,088	68.3	53.5	22,435	34,061	65,291	91,786	2,813	7,565	120,177	115,849	87,611
Michigan.....	156,081	153,042	88.5	81.6	11,722	21,916	20,899	29,904	1,840	5,643	144,260	138,774	133,095
Wisconsin.....	140,389	126,287	79.0	67.6	20,766	38,731	36,553	56,735	2,564	3,713	124,476	121,444	95,158
WEST NORTH CENTRAL:													
Minnesota.....	109,701	80,220	58.1	40.6	22,201	30,145	79,032	110,760	3,454	6,371	95,342	93,369	59,838
Iowa.....	145,524	107,359	69.7	50.3	22,176	34,051	62,335	98,261	3,474	7,698	129,001	125,965	86,786
Missouri.....	105,127	74,035	43.3	28.9	31,941	34,831	137,808	170,879	3,415	11,186	76,417	73,572	45,355
North Dakota.....	9,675	7,310	13.9	9.9	2,534	4,092	60,675	62,888	2,236	3,764	18,612	17,864	11,446
South Dakota.....	11,839	8,444	17.2	11.7	3,283	4,463	57,302	59,979	1,478	4,031	19,028	18,532	12,483
Nebraska.....	48,803	40,969	43.7	33.8	11,051	18,137	64,883	76,530	455	3,568	46,619	45,945	34,886
Kansas.....	57,133	45,067	40.5	28.8	12,480	17,107	82,602	100,281	5,541	10,979	54,246	52,160	41,549
SOUTH ATLANTIC:													
Delaware.....	7,981	6,096	79.4	67.8	1,884	2,551	1,964	2,458	33	440	5,605	5,410	3,699
Maryland.....	29,996	23,700	72.7	56.3	6,303	6,583	10,827	16,711	1,039	1,699	25,256	24,170	18,351
District of Columbia.....	40	60	100.0	92.3	7	7	13	3	5	24	24	24	54
Virginia.....	91,637	77,255	53.0	44.2	29,688	35,111	61,360	92,745	3,440	4,885	63,512	60,937	44,348
West Virginia.....	48,164	36,958	49.3	37.2	10,433	11,759	49,983	59,842	824	2,482	38,763	37,447	25,735
North Carolina.....	167,568	124,017	58.3	44.6	59,931	56,390	119,454	140,445	10,340	13,814	107,932	104,468	71,196
South Carolina.....	91,602	56,731	62.0	41.2	39,555	29,163	56,070	76,518	6,678	4,309	52,101	50,515	28,764
Georgia.....	125,666	88,427	55.6	40.9	49,635	46,018	97,383	121,480	10,092	6,126	77,145	74,569	43,958
Florida.....	32,250	25,063	52.7	40.3	8,061	9,587	31,601	32,690	2,987	4,495	22,857	21,259	16,472
EAST SOUTH CENTRAL:													
Kentucky.....	111,686	79,740	46.8	31.5	42,715	41,133	129,887	165,451	4,807	7,703	68,088	65,416	42,288
Tennessee.....	106,828	74,276	45.6	30.0	37,282	35,392	128,597	165,610	4,367	7,731	70,769	68,403	40,519
Alabama.....	109,279	77,579	48.9	33.5	44,446	43,672	111,830	144,815	6,038	9,352	66,046	64,015	35,725
Mississippi.....	118,985	85,647	45.2	29.4	69,938	59,569	137,245	190,997	13,850	14,448	50,219	48,661	27,670
WEST SOUTH CENTRAL:													
Arkansas.....	80,478	58,732	40.5	27.1	38,420	37,429	115,173	148,684	6,570	9,258	43,053	41,169	23,435
Louisiana.....	65,137	46,894	50.4	31.1	33,804	30,636	58,390	98,873	8,134	4,440	31,558	30,553	17,187
Oklahoma.....	64,845	43,123	59.4	24.0	20,211	22,979	99,992	126,971	2,221	9,588	47,104	45,987	28,280
Texas.....	207,787	147,349	54.0	35.3	55,568	68,222	180,437	256,227	7,278	14,426	157,383	150,467	93,577
MOUNTAIN:													
Montana.....	12,525	10,614	33.2	25.4	1,626	2,667	25,352	29,938	1,020	1,271	15,782	15,073	11,688
Idaho.....	32,454	28,981	78.2	66.3	1,420	3,492	8,623	13,381	1,355	1,351	31,995	30,624	26,384
Wyoming.....	5,891	4,655	41.2	31.0	611	1,181	7,655	9,430	212	933	6,794	6,547	5,184
Colorado.....	25,970	20,046	54.5	39.0	2,809	5,223	21,551	28,888	981	2,552	27,643	26,540	19,735
New Mexico.....	9,401	7,644	31.7	22.4	2,308	3,165	19,926	25,275	913	1,186	8,844	8,361	6,554
Arizona.....	9,336	6,577	71.0	35.6	733	970	4,261	11,250	367	641	8,756	8,232	6,031
Utah.....	20,399	18,510	77.5	72.8	577	1,089	7,238	5,913	2,345	988	19,353	18,286	17,714
Nevada.....	1,892	1,770	55.2	49.5	100	215	1,543	1,643	121	160	2,079	1,952	1,812
PACIFIC:													
Washington.....	69,142	62,843	86.5	76.9	2,696	4,560	10,801	17,827	657	1,016	67,955	66,066	60,082
Oregon.....	49,560	41,245	78.5	66.7	2,908	4,876	13,794	18,898	792	1,686	48,390	46,917	38,010
California.....	121,734	113,705	87.6	85.7	8,198	5,801	22,794	15,097	3,276	3,916	116,048	107,748	110,014

¹Includes farms not reporting in respect to electricity in dwelling; 1945 figures exclude farms without dwellings.
²Schedule inquiry in 1930 specified farmer's dwelling house; in 1920, operator's house.
³Includes 137,266 farms without dwellings reported.

1940 figures = 39,069 farms lighted by electricity from home plant

FARM FACILITIES, ROADS, AND FARM MACHINERY

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DWELLINGS LIGHTED BY ELECTRICITY, 1920 TO 1945; BY DIVISIONS AND STATES

REGION, DIVISION, AND STATE	FARMS CLASSIFIED AS TO ELECTRICITY IN FARM DWELLING—Continued								RURAL-FARM DWELLING UNITS CLASSIFIED AS TO ELECTRICITY, 1940				
			With electricity					Without electricity 1945 ³	Not reporting, 1945	With electricity		With lighting equipment other than electricity	Not reporting
	1930 ²	1920 ²	Percent of all farms							Number of dwelling units	Percent of all dwelling units		
			1945		1940	1930 ²	1920 ²						
		Total	Resident-operator farms										
United States.....	841,310	452,620	47.6	45.8	33.3	13.4	7.0	3,006,366	65,179	2,351,045	30.8	5,161,751	129,485
The North.....	517,378	295,820	60.7	58.6	45.2	20.2	10.7	959,942	17,116	1,338,965	43.6	1,681,935	47,588
The South.....	136,365	86,479	32.2	31.0	18.7	4.2	2.7	1,910,513	43,357	624,237	16.1	3,192,352	69,874
The West.....	187,567	70,321	71.5	68.0	59.5	37.3	14.7	136,111	4,706	387,843	56.4	287,414	12,023
GEOGRAPHIC DIVISIONS:													
New England.....	53,655	24,000	78.0	74.4	67.9	42.9	15.8	31,818	1,180	94,101	63.1	52,586	2,489
Middle Atlantic.....	114,098	60,102	78.7	75.7	65.3	31.9	14.1	72,657	1,482	291,169	63.1	164,255	6,249
East North Central.....	202,656	113,871	70.9	68.5	55.2	21.0	10.5	271,679	5,514	636,374	52.3	562,937	16,878
West North Central.....	146,969	97,847	42.6	41.4	26.8	13.2	8.9	583,788	8,940	317,321	25.6	902,207	21,972
South Atlantic.....	64,173	45,407	37.7	36.3	24.9	6.1	3.9	637,294	12,936	290,436	21.4	1,042,173	24,564
East South Central.....	31,952	21,720	26.6	25.7	14.3	3.0	2.1	689,852	14,855	155,355	12.5	1,062,620	22,230
West South Central.....	40,240	19,352	31.8	30.5	16.8	3.6	1.9	583,167	15,566	178,446	13.8	1,097,559	23,080
Mountain.....	49,173	25,161	57.0	54.4	40.7	20.4	10.3	89,633	2,648	114,805	36.9	190,385	5,948
Pacific.....	138,394	45,160	82.4	78.3	75.4	52.9	19.3	47,478	2,058	273,038	72.6	97,028	6,075
NEW ENGLAND:													
Maine.....	12,920	4,625	64.8	61.8	54.2	33.1	9.6	14,457	403	22,919	50.4	21,747	78.2
New Hampshire.....	6,160	2,322	82.5	77.6	67.6	41.3	11.3	3,230	49	11,911	61.9	6,933	391
Vermont.....	7,565	3,328	69.7	64.0	54.6	30.4	11.4	7,702	326	14,947	52.3	13,321	312
Massachusetts.....	16,037	9,062	89.5	86.6	83.5	62.6	28.3	3,589	311	20,965	79.9	4,779	488
Rhode Island.....	1,910	700	87.3	85.1	83.3	57.5	17.1	457	-----	2,240	76.7	644	35
Connecticut.....	9,063	3,963	88.9	86.2	82.7	52.7	17.5	2,383	91	21,119	78.9	5,162	481
MIDDLE ATLANTIC:													
New York.....	55,019	24,892	82.2	78.6	69.7	34.4	12.9	26,062	607	137,417	66.9	65,095	2,894
New Jersey.....	13,441	4,551	91.1	88.3	84.0	53.0	15.3	2,271	71	28,471	79.0	6,997	558
Pennsylvania.....	45,538	30,669	73.7	71.2	58.5	26.5	15.2	44,324	804	125,281	56.9	92,163	2,797
EAST NORTH CENTRAL:													
Ohio.....	56,740	37,745	74.8	72.0	61.4	25.9	14.7	54,427	1,199	164,469	58.5	112,702	3,784
Indiana.....	30,333	20,584	69.8	67.2	51.8	16.7	10.0	52,019	1,209	108,000	48.5	111,527	2,940
Illinois.....	34,231	23,273	58.8	56.7	41.0	16.0	9.8	82,711	1,351	98,425	37.9	157,309	4,024
Michigan.....	34,785	15,695	82.3	79.2	71.0	20.5	8.0	30,103	905	160,622	67.5	73,638	3,665
Wisconsin.....	46,565	16,574	70.0	68.3	51.0	25.6	8.8	52,419	850	104,858	48.8	107,761	2,465
WEST NORTH CENTRAL:													
Minnesota.....	28,342	13,589	50.5	49.4	30.3	12.6	7.6	92,458	1,152	64,373	29.5	150,993	3,214
Iowa.....	46,042	32,552	61.7	60.3	40.7	21.4	15.3	78,371	1,562	92,166	38.9	141,156	3,419
Missouri.....	20,223	14,341	31.5	30.3	17.7	7.9	5.8	164,879	1,638	48,807	15.7	257,525	5,509
North Dakota.....	6,192	4,518	26.8	25.7	15.5	7.9	5.5	49,809	1,099	11,944	15.2	64,920	1,836
South Dakota.....	9,070	6,445	27.7	27.0	17.7	10.9	6.6	48,945	732	14,184	17.4	65,233	1,959
Nebraska.....	21,980	12,062	41.7	40.6	28.8	16.5	9.7	64,501	636	39,201	28.1	98,152	2,142
Kansas.....	20,720	14,390	38.4	36.9	26.6	12.5	8.7	84,825	2,121	46,646	26.7	124,228	3,993
SOUTH ATLANTIC:													
Delaware.....	1,561	397	60.3	58.2	41.1	16.1	3.9	3,674	17	5,005	40.5	7,198	154
Maryland.....	9,145	3,930	61.2	58.6	43.6	21.2	7.0	15,672	347	24,719	41.8	33,289	1,171
District of Columbia.....	67	52	60.0	60.0	83.1	64.4	25.5	14	-----	2	-----	-----	-----
Virginia.....	13,009	7,874	36.7	35.2	25.4	7.6	4.2	108,409	1,130	51,981	23.3	167,651	3,208
West Virginia.....	5,330	12,900	39.7	38.4	26.9	6.4	14.8	58,374	463	28,186	24.3	86,033	1,634
North Carolina.....	15,006	7,816	37.6	36.3	25.6	5.4	2.9	175,616	3,814	79,881	23.0	260,883	6,378
South Carolina.....	6,067	5,170	35.3	34.2	20.9	3.8	2.7	93,219	2,425	32,731	16.4	163,788	3,455
Georgia.....	7,499	5,926	34.2	33.0	20.3	2.9	1.9	144,703	4,049	50,502	15.7	263,204	7,313
Florida.....	6,489	2,042	37.4	34.8	26.5	11.0	3.8	37,613	689	17,431	22.1	60,062	1,251
EAST SOUTH CENTRAL:													
Kentucky.....	10,691	5,925	28.5	27.4	16.7	4.3	2.2	167,526	2,887	43,349	14.8	246,043	4,382
Tennessee.....	10,010	4,554	30.2	29.2	16.4	4.1	1.8	161,434	2,223	45,248	15.1	251,075	4,021
Alabama.....	6,459	3,345	29.6	28.7	15.4	2.5	3.3	154,319	3,004	38,869	12.5	265,298	6,308
Mississippi.....	4,792	2,896	19.1	18.5	9.5	1.5	1.1	206,573	6,736	27,889	8.3	300,204	6,919
WEST SOUTH CENTRAL:													
Arkansas.....	5,121	2,643	21.7	20.7	10.8	2.1	1.1	152,581	3,135	21,669	7.8	250,117	4,851
Louisiana.....	4,174	1,471	24.4	23.6	11.5	2.6	1.1	90,538	7,199	19,735	9.6	181,736	3,306
Oklahoma.....	8,091	7,010	28.6	27.5	15.7	4.0	3.7	116,538	1,148	32,719	14.1	194,189	5,100
Texas.....	22,854	8,223	40.9	39.1	22.4	4.6	1.9	223,510	4,084	104,323	18.1	461,517	9,823
MOUNTAIN:													
Montana.....	3,547	2,013	41.8	39.9	27.9	7.5	3.5	21,533	432	14,783	27.4	38,374	764
Idaho.....	12,809	5,982	77.1	73.8	60.4	30.7	14.2	8,994	509	31,487	58.4	21,544	895
Wyoming.....	1,145	717	52.0	50.1	34.5	7.2	4.6	6,210	72	6,818	30.3	15,152	509
Colorado.....	9,399	3,925	58.1	55.5	38.4	15.7	6.5	19,580	445	25,595	33.8	48,284	1,779
New Mexico.....	1,691	422	29.8	28.2	19.2	5.4	1.4	20,381	470	7,870	17.1	37,097	982
Arizona.....	3,671	592	66.6	62.6	32.7	25.9	5.9	4,306	80	9,524	29.6	21,982	657
Utah.....	15,778	11,125	73.5	69.5	69.7	58.1	43.4	6,343	626	16,408	73.7	5,612	246
Nevada.....	1,139	385	60.6	56.9	50.7	33.1	12.2	1,336	14	2,320	48.6	2,341	116
PACIFIC:													
Washington.....	34,056	9,178	85.1	82.7	73.6	48.0	13.8	11,541	391	71,681	69.9	29,377	1,471
Oregon.....	18,397	5,463	76.7	74.3	61.5	33.4	10.9	14,460	275	47,566	58.7	32,151	1,281
California.....	85,941	30,519	83.5	77.6	82.9	63.3	25.9	21,477	1,392	153,791	79.8	35,500	3,323