

## DRAINAGE OF AGRICULTURAL LANDS

Summary Table 7.—LAND IN DRAINAGE PROJECTS, AND LAND

State	Land in drainage projects <sup>1</sup> (acres)									
	1960			1950		1940		1930		1920
	Total	Not used for agriculture or not drained <sup>2</sup>	Net area drained and used for agriculture <sup>3</sup>	Total	Excluding irrigation enterprises reporting drainage <sup>4</sup>	Total	In occupied farms	Total	In occupied farms	
All drainage States.....	101,870,257	9,573,393	92,296,864	102,688,331	98,569,272	86,967,039	70,068,469	84,408,093	68,640,109	65,495,038
10 "county-drain" States .....	52,544,324	1,708,987	50,835,337	52,033,141	52,023,655	47,094,801	42,029,553	47,720,374	44,455,175	43,213,765
30 "drainage-district States".....	49,325,933	7,864,406	41,461,527	50,655,190	46,545,617	39,872,238	28,038,916	36,687,719	24,184,934	22,281,273
17 irrigation States.....	33,707,337	7,443,626	26,263,711	35,995,203	31,883,630	26,098,986	15,946,189	23,043,464	13,174,943	12,268,025
13 other States.....	15,618,596	420,780	15,197,816	14,659,987	14,659,987	13,773,252	12,092,727	13,644,255	11,009,991	10,013,248
Alabama.....	69,901	4,000	65,901	76,671	76,671	28,045	28,045	...	...	...
Arizona.....	...	...	...	197,268	3,385	298,633	296,276	318,931	304,802	39,640
Arkansas.....	4,870,106	189,140	4,680,966	4,701,095	4,606,628	4,592,738	3,100,342	4,631,155	2,940,035	3,479,591
California.....	1,934,825	23,574	1,911,251	2,554,576	1,453,537	2,667,194	2,551,036	2,233,714	2,024,446	1,108,319
Colorado.....	55,496	...	55,496	623,976	304,364	468,322	392,132	366,719	305,966	171,656
Delaware.....	356,702	15,780	340,922	352,547	352,547	395,014	394,164	...	...	...
Florida.....	9,222,517	4,367,190	4,855,327	6,083,676	5,933,918	5,699,022	614,220	5,954,934	398,200	1,637,073
Georgia.....	94,728	1,500	93,228	96,259	96,259	84,374	83,874	84,255	63,865	65,452
Idaho.....	130,982	20,000	110,982	366,171	143,577	659,136	650,135	375,464	362,303	64,642
Illinois.....	5,616,121	52,695	5,563,426	5,370,825	5,370,825	5,091,364	4,911,263	5,032,682	5,005,376	3,909,049
Indiana.....	11,120,936	67,490	11,053,446	11,017,709	11,017,709	10,121,952	9,703,805	10,214,014	10,150,221	9,087,183
Iowa.....	6,884,409	13,070	6,871,339	6,734,863	6,734,863	6,164,344	5,945,393	6,137,649	6,105,496	5,224,478
Kansas.....	402,330	29,220	373,110	356,988	355,089	258,113	250,455	257,169	253,845	93,856
Kentucky.....	945,515	888,799	56,716	959,892	959,892	465,270	464,963	585,625	515,101	358,480
Louisiana.....	9,089,516	1,978,892	7,110,624	12,161,665	12,077,915	4,219,624	2,512,250	3,655,483	2,571,531	2,266,328
Maryland.....	353,837	3,390	350,447	323,815	323,815	183,337	181,891	...	...	...
Michigan.....	10,208,735	331,686	9,877,049	10,194,439	10,194,439	8,978,386	7,796,979	9,180,851	8,826,265	9,729,171
Minnesota.....	11,688,201	1,127,393	10,560,808	11,269,962	11,269,962	10,990,409	8,397,586	11,474,683	8,782,323	9,232,709
Mississippi.....	3,123,227	82,620	3,040,607	3,023,744	3,023,744	2,890,618	2,182,729	2,988,496	2,092,899	1,601,444
Missouri.....	3,123,416	26,100	3,097,316	3,147,484	3,147,484	3,087,063	2,673,169	3,150,022	2,427,999	2,596,204
Montana.....	62,222	2,110	60,112	289,189	99,692	372,661	362,711	167,629	150,844	168,682
Nebraska.....	744,207	4,987	739,220	821,088	717,791	916,181	849,948	879,459	864,159	607,730
Nevada.....	41,521	...	41,521	251,154	128,095	153,373	148,617	162,980	155,491	15,940
New Jersey.....	11,756	800	10,956	11,206	11,206	...	...	...	...	...
New Mexico.....	31,593	...	31,593	244,961	52,113	305,885	286,890	176,292	151,516	140,219
New York.....	49,616	...	49,616	56,465	56,465	...	...	...	...	...
North Carolina.....	1,418,892	98,389	1,320,503	1,128,509	1,128,509	825,576	673,034	679,236	331,121	542,828
North Dakota.....	1,642,543	1,360	1,641,183	1,572,220	1,565,055	1,376,041	1,322,573	1,094,142	1,094,114	1,240,328
Ohio.....	8,904,907	95,492	8,809,415	8,923,362	8,923,362	7,729,267	7,173,937	8,165,494	8,132,973	8,107,204
Oklahoma.....	133,796	...	133,796	300,884	298,853	197,646	182,980	170,158	163,936	12,150
Oregon.....	274,754	4,300	270,454	418,858	178,493	348,825	302,870	211,182	146,576	4,000
South Carolina.....	339,966	1,900	338,066	249,011	249,011	204,366	202,002	208,249	94,744	140,031
South Dakota.....	658,580	...	658,580	707,263	706,973	676,472	647,173	697,758	684,746	222,062
Tennessee.....	730,855	139,976	590,879	615,838	615,838	601,592	579,283	593,560	413,791	363,671
Texas.....	6,500,043	808,913	5,691,130	5,794,786	5,321,147	4,218,850	2,819,775	2,883,356	1,893,486	2,166,128
Utah.....	68,910	2,000	66,910	302,158	150,193	202,058	140,148	156,052	109,518	113,823
Virginia.....	98,478	5,700	92,778	45,460	45,460	15,714	15,714	15,042	5,704	...
Washington.....	254,482	13,300	241,182	431,613	272,908	405,709	380,964	367,242	351,898	94,924
Wisconsin.....	587,803	3,710	584,093	514,700	514,700	761,203	561,723	892,713	574,892	794,569
Wyoming.....	23,833	...	23,833	325,981	86,785	312,662	287,420	245,703	188,327	95,474

*Italics* indicate States identified in 1950 as "county-drain" States. The other States were designated "drainage-district" States. For the "county-drain" States, all projects in each county were enumerated in 1950 with county drains, and handled as though they were one project. See text.

**Boldface** indicates States, other than "county-drain," for which the 1950 drainage data included drained lands in "irrigation enterprises" enumerated in the Census of Irrigation. See footnote 4 and text.

<sup>1</sup>Land in two or more projects counted only once.

<sup>2</sup>Extensive contiguous areas not used for agriculture or not drained. See text.

<sup>3</sup>Interspersed nonagricultural or nonirrigated areas not excluded. See footnote 2 and text.

<sup>4</sup>The areas excluded represented drained land reported by "irrigation enterprises" enumerated in the 1950 Census of Irrigation. Such reports, from the 1950 Census of Irrigation, were included in the data presented for the 1950 Census of Drainage. See text.

<sup>5</sup>No drainage projects reported for year indicated.

## IN FARMS, BY STATES: CENSUSES OF 1920 TO 1960

State	Land in farms (acres)					Approximate land area, 1960 (acres) (39 States)
	1960 (39 States)	1950 (40 States)	1940 (38 States)	1930 (35 States)	1920 (34 States)	
All drainage States.....	1,052,713,726	1,123,690,602	1,004,930,884	905,805,407	844,904,236	1,744,413,440
10 "county-drain" States.....	256,439,668	267,325,123	259,904,491	252,100,464	251,724,783	337,139,200
30 "drainage-district States.....	796,274,058	856,365,479	745,026,393	653,704,943	593,179,453	1,407,274,240
17 irrigation States.....	584,235,150	612,591,041	525,174,982	464,801,528	408,684,469	1,047,208,320
13 other States.....	212,038,908	243,774,438	219,852,411	188,903,415	184,494,984	360,065,920
Alabama.....	16,542,730	20,888,784	19,143,391	( <sup>5</sup> )	( <sup>5</sup> )	32,678,400
Arizona.....	39,916,440	( <sup>5</sup> )	25,651,092	10,526,627	5,802,126	( <sup>5</sup> )
Arkansas.....	16,458,515	18,871,244	18,044,542	16,052,962	17,456,750	33,599,360
California.....	36,887,948	36,613,291	30,524,324	30,442,581	29,365,667	100,206,720
Colorado.....	38,787,312	37,953,099	31,527,240	28,876,171	24,462,014	66,483,760
Delaware.....	762,526	851,291	895,507	( <sup>5</sup> )	( <sup>5</sup> )	1,265,920
Florida.....	15,236,521	16,527,536	8,337,708	5,026,617	6,046,691	34,721,280
Georgia.....	19,637,615	25,751,055	23,683,631	22,078,630	25,441,061	37,295,360
Idaho.....	15,232,401	13,224,192	10,297,745	9,346,908	8,375,873	52,933,120
Illinois.....	30,327,261	30,978,495	31,032,572	30,695,339	31,974,775	35,795,200
Indiana.....	18,613,046	19,658,677	19,800,778	19,688,675	21,063,332	23,158,400
Iowa.....	33,830,950	34,264,639	34,148,673	34,019,332	33,474,896	35,860,480
Kansas.....	50,152,870	48,611,366	48,173,635	46,975,647	45,510,720	52,510,720
Kentucky.....	17,030,675	19,441,774	20,294,016	19,927,286	21,612,772	25,512,320
Louisiana.....	10,347,328	11,202,278	9,996,108	9,355,437	10,019,822	28,867,840
Maryland.....	3,456,769	4,055,529	4,197,827	( <sup>5</sup> )	( <sup>5</sup> )	6,319,360
Michigan.....	14,782,507	17,269,992	18,037,995	17,118,951	19,032,961	36,492,160
Minnesota.....	30,796,097	32,883,163	32,606,962	30,913,367	30,221,758	51,205,760
Mississippi.....	18,630,263	20,710,770	19,156,058	17,332,195	18,196,979	30,222,720
Missouri.....	33,155,226	35,123,143	34,739,598	33,743,019	34,774,679	44,248,320
Montana.....	64,081,391	59,247,434	46,451,594	44,659,152	35,070,656	93,271,040
Nebraska.....	47,755,708	47,466,828	47,343,981	44,708,565	42,225,475	49,031,680
Nevada.....	10,942,936	7,063,525	3,785,106	4,080,906	2,397,163	70,264,320
New Jersey.....	1,379,002	1,725,441	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	4,813,440
New Mexico.....	46,293,327	47,521,809	38,860,427	30,822,034	24,409,633	77,766,400
New York.....	13,489,516	16,016,721	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	30,680,960
North Carolina.....	15,887,724	19,317,937	18,845,338	18,055,103	20,021,736	31,402,880
North Dakota.....	41,465,717	41,194,044	37,936,136	38,657,894	36,214,751	44,452,480
Ohio.....	18,506,796	20,969,411	21,907,523	21,514,059	23,515,888	26,222,080
Oklahoma.....	35,800,688	36,006,603	34,803,317	33,790,817	31,951,934	44,087,680
Oregon.....	21,236,298	20,327,683	17,988,307	16,548,678	13,542,318	61,598,720
South Carolina.....	9,149,492	11,878,793	11,238,697	10,393,113	12,426,675	19,374,080
South Dakota.....	44,850,666	44,785,529	39,473,584	36,470,083	34,636,491	48,881,920
Tennessee.....	16,081,285	18,534,380	18,492,898	18,003,241	19,510,856	26,727,680
Texas.....	143,217,599	145,389,014	137,683,372	124,707,130	114,020,621	168,217,600
Utah.....	12,688,518	10,865,165	7,302,007	5,613,101	5,050,410	52,696,960
Virginia.....	13,125,802	15,572,295	16,444,907	16,728,620	( <sup>5</sup> )	25,496,320
Washington.....	18,716,972	17,369,245	15,181,815	13,533,778	13,244,720	42,693,760
Wisconsin.....	21,156,223	23,221,095	22,876,494	21,874,155	22,148,223	35,011,200
Wyoming.....	36,199,666	34,420,892	28,025,979	23,525,234	11,809,351	62,343,040