

DRAINAGE OF AGRICULTURAL LANDS

Summary Table 8.—LAND IN DRAINAGE PROJECTS, AND TOTAL AREA OF INDIVIDUAL PROJECTS, 1920 TO 1960;

State	Land in drainage projects <sup>1</sup> (acres)					Areas served by two or more projects, 1960				
	1960	1950	1940	1930	1920	Number of projects with land served by other projects	Area with multiple service <sup>1</sup> (acres)			
							Total	Served by two projects	Served by three projects	Served by four projects
All drainage States.....	92,296,864	102,688,331	86,967,039	84,408,093	65,495,038	3,031	6,276,437	5,769,168	489,409	17,860
<i>10 "county-drain" States.....</i>	<i>50,835,337</i>	<i>52,033,141</i>	<i>47,094,801</i>	<i>47,720,374</i>	<i>43,213,765</i>	<i>625</i>	<i>1,056,170</i>	<i>1,038,038</i>	<i>18,132</i>	<i>...</i>
<i>30 "drainage-district" States.....</i>	<i>41,461,527</i>	<i>50,655,190</i>	<i>39,872,238</i>	<i>36,687,719</i>	<i>22,281,273</i>	<i>2,406</i>	<i>5,220,267</i>	<i>4,731,130</i>	<i>471,277</i>	<i>17,860</i>
<i>17 Irrigation States.....</i>	<i>26,263,711</i>	<i>35,995,203</i>	<i>26,098,986</i>	<i>23,043,464</i>	<i>12,268,025</i>	<i>1,535</i>	<i>3,930,957</i>	<i>3,545,169</i>	<i>369,958</i>	<i>15,830</i>
<i>13 other States.....</i>	<i>15,197,816</i>	<i>14,659,987</i>	<i>13,773,252</i>	<i>13,644,255</i>	<i>10,013,248</i>	<i>871</i>	<i>1,289,310</i>	<i>1,185,961</i>	<i>101,319</i>	<i>2,030</i>
Alabama.....	65,901	76,671	28,045	...	...	...	...	...	...	...
Arizona.....	...	197,268	298,633	318,931	39,640	...	...	...	...	...
Arkansas.....	4,680,966	4,701,095	4,592,738	4,631,155	3,479,591	321	917,881	766,460	136,351	15,070
California.....	1,911,251	2,554,576	2,667,194	2,233,714	1,108,319	116	106,696	105,096	1,600	...
Colorado.....	55,496	623,976	468,322	366,719	171,656	...	...	...	...	...
Delaware.....	340,922	352,547	395,014	...	...	2	600	600	...	...
Florida.....	4,855,327	6,083,676	5,699,022	5,954,934	1,637,073	246	1,353,192	1,213,420	139,572	200
Georgia.....	93,228	96,259	84,374	84,255	65,452	10	7,621	6,616	1,005	...
Idaho.....	110,982	436,171	659,136	375,464	64,642	...	...	...	...	...
Illinois.....	5,563,426	5,370,825	5,091,364	5,032,682	3,909,049	199	293,808	267,972	25,836	...
Indiana.....	11,053,446	11,017,709	10,121,952	10,214,014	9,087,183	206	210,322	206,242	4,080	...
Iowa.....	6,871,339	6,734,863	6,164,344	6,137,649	5,224,478	58	190,819	189,407	1,412	...
Kansas.....	373,110	356,988	258,113	257,169	93,856	13	4,873	4,873	...	...
Kentucky.....	888,799	959,892	465,270	585,625	358,480	2	2,000	2,000	...	...
Louisiana.....	7,110,624	12,161,665	4,219,624	3,655,483	2,266,328	737	1,255,460	1,164,305	90,595	560
Maryland.....	350,447	323,815	183,337	...	...	38	44,541	42,743	1,798	...
Michigan.....	9,877,049	10,194,439	8,978,386	9,180,851	9,729,171	41	23,279	23,279	...	...
Minnesota.....	10,560,808	11,269,962	10,990,409	11,474,683	9,232,709	154	475,138	465,938	9,200	...
Mississippi.....	3,040,607	3,023,744	2,890,618	2,988,496	1,601,444	251	294,417	274,941	19,476	...
Missouri.....	3,097,316	3,147,484	3,087,063	3,150,022	2,596,204	210	517,507	463,731	51,746	2,030
Montana.....	60,112	289,189	372,661	167,629	168,682	...	...	...	...	...
Nebraska.....	739,220	821,088	916,181	879,459	607,730	6	1,784	1,784	...	...
Nevada.....	41,521	251,154	153,373	162,980	15,940	...	...	...	...	...
New Jersey.....	10,956	11,206	...	...	...	...	...	...	...	...
New Mexico.....	31,593	244,961	305,885	176,292	140,219	...	...	...	...	...
New York.....	49,616	56,465	...	...	...	...	...	...	...	...
North Carolina.....	1,320,503	1,128,509	825,576	679,236	542,828	120	95,071	93,613	1,458	...
North Dakota.....	1,641,183	1,572,220	1,376,041	1,094,142	1,240,328	84	87,840	84,680	3,160	...
Ohio.....	8,809,415	8,923,362	7,729,267	8,165,494	8,107,204	74	64,162	63,882	280	...
Oklahoma.....	133,796	300,884	197,646	170,158	12,150	...	...	...	...	...
Oregon.....	270,454	418,858	348,825	211,182	4,000	17	41,927	40,087	1,840	...
South Carolina.....	338,066	249,011	204,366	208,249	140,031	6	15,850	15,850	...	...
South Dakota.....	658,580	707,263	676,472	697,758	222,062	4	2,010	2,010	...	...
Tennessee.....	590,879	615,838	601,592	593,560	363,671	7	6,527	6,527	...	...
Texas.....	5,691,130	5,794,786	4,218,850	2,883,356	2,166,128	77	247,844	247,844	...	...
Utah.....	66,910	302,158	202,058	156,052	113,823	...	...	...	...	...
Virginia.....	92,778	45,460	15,714	15,042	...	18	9,198	9,198	...	...
Washington.....	241,182	431,613	405,709	367,242	94,924	2	1,300	1,300	...	...
Wisconsin.....	584,093	514,700	761,203	892,713	794,569	12	4,770	4,770	...	...
Wyoming.....	23,833	325,981	312,662	245,703	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 drainage projects in each county were enumerated as a unit. See footnote 5 and 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.  
<sup>1</sup>Land in two or more projects included only once.  
<sup>2</sup>Difference in the sum of individual projects and the land in drainage projects counting land included in two or more projects only once (see footnotes 1 and 3); land in three or more projects counted two or more times. This duplication in counting results in some totals of overlapped areas exceeding the total land in drainage projects.  
<sup>3</sup>Land in two or more projects included in each project. Areas shown equal the sum of areas of individual projects, with no deduction for land included in more than one project.  
<sup>4</sup>For 1940, 1930, and 1920, data include projects that had been superseded but had contributed to the investment and works of a later project.  
<sup>5</sup>For "county-drain" States in 1950, all projects in each county were enumerated as a unit, therefore, no overlapped areas were reported for these States. See text.

# SUMMARY

## AREAS SERVED BY TWO OR MORE PROJECTS, 1960; AND OVERLAPPED AREAS, 1920 TO 1950; BY STATES

State	Overlapped areas, 1920 to 1950 <sup>2</sup> (acres)				Totals of areas of individual projects <sup>3</sup> (acres)				
	1950	1940 <sup>4</sup>	1930 <sup>4</sup>	1920 <sup>4</sup>	1960	1950	1940 <sup>4</sup>	1930 <sup>4</sup>	1920 <sup>4</sup>
All drainage States.....	3,962,516	45,861,412	44,086,985	30,134,253	99,098,430	106,650,847	132,828,451	128,495,078	95,629,291
10 "county-drain" States.....	( <sup>5</sup> )	40,526,363	39,130,549	28,758,310	51,909,639	52,033,141	87,621,164	86,850,923	71,972,075
30 "Drainage-district" States.....	3,962,516	5,335,049	4,956,436	1,375,943	47,188,791	54,617,706	45,207,287	41,644,155	23,657,216
17 Irrigation States.....	2,582,562	2,834,894	3,096,189	673,068	30,596,286	38,377,765	28,933,880	26,139,653	12,941,093
13 other States.....	1,379,954	2,500,155	1,860,247	702,875	16,592,505	16,039,941	16,273,407	15,504,502	10,716,123
Alabama.....	...	...	...	...	65,901	76,671	28,045	...	...
Arizona.....	...	2,274	...	...	...	197,268	300,907	318,931	39,640
Arkansas.....	629,514	1,040,561	1,133,653	363,221	5,765,338	5,330,609	5,633,299	5,764,808	3,842,812
California.....	...	88,563	60,354	...	2,019,547	2,554,576	2,755,757	2,294,068	1,108,319
Colorado.....	1,080	972	640	...	55,496	625,056	469,294	367,359	171,656
Delaware.....	( <sup>5</sup> )	<sup>2</sup> 458,548	...	...	341,522	352,547	853,562	...	...
Florida.....	1,103,349	764,424	1,418,693	122,868	6,348,491	7,187,025	6,463,446	7,373,627	1,759,941
Georgia.....	...	...	...	...	101,854	96,259	84,374	84,255	65,452
Idaho.....	...	15,396	...	...	110,982	436,171	674,532	375,464	64,642
Illinois.....	299,963	805,760	709,234	181,550	5,883,070	5,670,788	5,897,124	5,741,916	4,090,599
Indiana.....	( <sup>5</sup> )	9,850,573	<sup>2</sup> 12,835,773	5,928,038	11,267,848	11,017,709	19,972,525	23,049,787	15,015,221
Iowa.....	( <sup>5</sup> )	1,380,587	1,259,995	681,265	7,063,570	6,734,863	7,544,931	7,397,644	5,905,743
Kansas.....	6,353	833	557	...	377,983	363,341	258,946	257,726	93,856
Kentucky.....	( <sup>5</sup> )	50,347	40,783	...	890,799	959,892	515,617	626,408	358,480
Louisiana.....	509,987	483,850	437,630	75,706	8,457,799	12,671,652	4,703,474	4,093,113	2,342,034
Maryland.....	41,853	7,585	...	...	396,786	365,668	190,922	...	...
Michigan.....	( <sup>5</sup> )	7,091,887	5,851,841	6,037,307	9,900,328	10,194,439	16,070,273	15,032,692	15,766,478
Minnesota.....	( <sup>5</sup> )	3,711,787	3,206,822	741,953	11,045,146	11,269,962	14,702,196	14,681,505	9,974,662
Mississippi.....	288,315	236,252	171,448	3,040	3,354,500	3,312,059	3,126,870	3,159,944	1,604,484
Missouri.....	671,651	1,347,916	961,548	508,685	3,670,629	3,819,135	4,434,979	4,111,570	3,104,889
Montana.....	3,336	1,528	...	...	60,112	292,525	374,189	167,629	168,682
Nebraska.....	157,413	89,360	14,440	100,720	741,004	978,501	1,005,541	893,899	708,450
Nevada.....	...	...	...	...	41,521	251,154	153,373	162,980	15,940
New Jersey.....	...	...	...	...	10,956	11,206	...	...	...
New Mexico.....	...	...	...	...	31,593	244,961	305,885	176,292	140,219
New York.....	...	...	...	...	49,616	56,465	...	...	...
North Carolina.....	63,304	74,272	9,200	9,600	1,417,032	1,191,813	899,848	688,436	552,428
North Dakota.....	( <sup>5</sup> )	464,740	89,240	...	1,732,183	1,572,220	1,840,781	1,183,382	1,240,328
Ohio.....	( <sup>5</sup> )	<sup>2</sup> 17,482,794	<sup>2</sup> 15,845,135	<sup>2</sup> 15,357,608	8,873,857	8,923,362	25,212,061	24,010,629	23,464,812
Oklahoma.....	( <sup>5</sup> )	...	960	...	133,796	300,884	197,646	171,118	12,150
Oregon.....	...	5,090	...	...	314,221	418,858	353,915	211,182	4,000
South Carolina.....	8,000	...	...	...	353,916	257,011	204,366	208,249	140,031
South Dakota.....	( <sup>5</sup> )	35,100	...	12,139	660,590	707,263	711,572	697,758	234,201
Tennessee.....	5,148	16,580	5,832	...	597,406	620,986	618,172	599,392	363,671
Texas.....	134,831	312,320	...	...	5,938,974	5,929,617	4,531,170	2,883,356	2,166,128
Utah.....	5,292	2,092	...	...	66,910	307,450	204,150	156,052	113,823
Virginia.....	...	...	...	...	101,976	45,460	15,714	15,042	...
Washington.....	30,907	27,631	27,609	10,553	242,482	462,520	433,340	394,851	105,477
Wisconsin.....	1,720	11,790	2,985	...	588,863	516,420	772,993	895,698	794,569
Wyoming.....	500	...	2,613	...	23,833	326,481	312,662	248,316	95,474