

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	32,678,400	32,689,920	32,689,920	32,818,560	32,818,560
Land in farms..... acres...	16,542,730	20,888,784	19,143,391	17,554,635	19,576,856
Drainage projects..... number...	11	10	1	...	...
Total area in drainage projects..... acres served...	69,901	76,671	28,045	...	...
Area not used for agriculture or not drained..... acres served...	4,000	NA	...	...	...
Net area drained and used for agriculture..... acres served...	65,901	NA	28,045	...	...
Drainage established 10 years or more before Census date..... acres served...	64,851	NA	NA	...	...
Drainage established within 10 years of Census date..... acres served...	1,050	NA	NA	...	...
Area served by two or more projects..... acres served...	...	...	...	...	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	1	...	...	...	...
..... acres served...	500	...	...	...	...
Cooperative or mutual drains..... number of projects...	6	7	...	...	...
..... acres served...	33,745	40,735	...	...	...
Legally organized public drains..... number of projects...	4	3	1	...	...
..... acres served...	31,656	35,936	28,045	...	...
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	10	3	1	...	...
..... acres served...	65,401	35,936	28,045	...	...
Started within 10 years of Census date..... number of projects...	1	7	...	...	...
..... acres served...	500	40,735	...	...	...
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	6	8	NA	...	...
..... dollars...	31,061	70,223	NA	...	...
New drainage works constructed, enlarged, or installed..... projects reporting...	4	27	NA	...	...
..... cost, dollars...	25,812	258,768	NA	...	...
Open ditches..... projects reporting...	4	7	NA	...	...
..... length, miles...	15.3	66	NA	...	...
Tile or covered drains..... projects reporting...	...	...	NA	...	...
..... length, miles...	...	...	NA	...	...
Levees or dikes..... projects reporting...	...	...	NA	...	...
..... length, miles...	...	...	NA	...	...
Pumps..... projects reporting...	...	NA	NA	...	...
..... number of pumps...	...	NA	NA	...	...
Other (see text)..... projects reporting...	...	NA	NA	...	...
Cost of maintenance, operation, repair, and administration..... projects reporting...	5	NA	NA	...	...
..... dollars...	5,249	11,455	NA	...	...
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	410,000	...	...
Physical works:					
Open ditches..... length, miles...	NA	NA	42.3	...	...
Tile drains..... length, miles...	NA	NA	...	...	...
Levees and dikes..... length, miles...	NA	NA	...	...	...
Pumping units..... number of units...	NA	...	...	...	...

NA Not available.

¹Not fully comparable. See text.²Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	11	65,901	...	10	64,851	4	1,050
2 500 to 999 acres.....	6	3,749	...	5	2,699	4	1,050
3 1,000 to 1,999 acres.....	...	...	...	...	...	...	...
4 2,000 to 4,999 acres.....	3	11,271	...	3	11,271	...	...
5 5,000 to 9,999 acres.....	...	...	...	...	...	...	...
6 10,000 to 19,999 acres.....	...	...	...	...	...	...	...
7 20,000 to 49,999 acres.....	2	50,881	...	2	50,881	...	...
8 50,000 to 99,999 acres.....	...	...	...	...	...	...	...
9 100,000 or more acres.....	...	...	...	...	...	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	11	65,901	...	10	64,851	4	1,050
2 Drains owned by one landowner.....	1	500	...	...	...	1	500
3 Cooperative or mutual drains.....	6	33,745	...	6	33,195	3	550
4 Legally organized public drains.....	4	31,656	...	4	31,656	...	...

State Table 4.—DRAINAGE PROJECTS, 1960,

Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	11	65,901	...	10	64,851	4	1,050
2 1960-1959.....	1	500	...	...	...	1	500
3 Prior to 1950.....	10	65,401	...	10	64,851	3	550

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. - DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	The State	Clay	Colbert	Fayette	Hale	Lamar	Madison	Marengo	Marion	Marshall	Mobile	Perry	Tusca- loosa
AREA													
1 Approximate land area.....acres 1960...	22,678,400	385,920	394,240	401,280	424,320	387,200	513,920	625,280	475,520	365,440	794,880	469,760	857,600
2 Land in farms.....acres 1959...	16,542,730	130,071	207,874	190,787	275,604	168,897	370,067	371,151	205,076	219,018	186,699	286,471	263,212
3 Drainage projects..... number 1960...	11	1	1	1	1	1	1	2	1	2	1	1	1
4 1950...	10	1	...	1	1	2	1	2	1	2	...	1	1
5 Total area in drainage projects ¹ acres served 1960...	69,901	849	3,200	14,045	11,596	14,000	500	15,680	3,911	1,400	500	3,720	500
6 1950...	76,671	599	...	14,045	11,596	17,980	500	15,680	3,911	1,100	...	3,720	7,540
7 Area not used for agriculture or not drained..... acres served 1960...	4,000	...	...	...	...	4,000	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	65,901	849	3,200	14,045	11,596	10,000	500	15,680	3,911	1,400	500	3,720	500
9 Drainage established before 1950..... acres served 1960...	64,851	599	3,200	14,045	11,596	10,000	500	15,680	3,911	1,100	...	3,720	500
10 Area added, 1950-1959..... acres served 1960...	1,050	250	...	...	...	...	...	...	...	300	500	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION													
12 Drains owned by one landowner..... number of projects...	1	...	...	...	...	...	...	...	...	...	1	...	...
13 acres served ² ...	500	...	...	...	...	...	...	...	...	...	500	...	...
14 Cooperative or mutual drains..... number of projects...	6	1	...	...	1	...	1	2	...	2	...	1	...
15 acres served ² ...	33,745	849	...	...	11,596	...	500	15,680	...	1,400	...	3,720	...
16 Legally organized public drains..... number of projects...	4	...	1	1	...	1	...	...	1	...	...	...	1
17 acres served ² ...	31,656	...	3,200	14,045	...	10,000	...	...	3,911	...	...	...	500
PROJECTS, 1960, BY YEAR STARTED													
18 1950-1959..... number of projects...	1	...	...	...	...	...	...	...	...	...	1	...	...
19 acres served ² ...	500	...	...	...	...	...	...	...	...	...	500	...	...
20 Prior to 1950..... number of projects...	10	1	1	1	1	1	1	2	1	2	...	1	1
21 acres served ² ...	65,401	849	3,200	14,045	11,596	10,000	500	15,680	3,911	1,400	...	3,720	500
DRAINAGE OPERATIONS, 1950-1959 ³													
22 Cost of drainage works and services..... projects reporting...	6	1	1	1	...	1	...	...	...	2	1	...	...
23 dollars...	31,061	11,100	2,809	370	...	370	...	...	...	10,500	5,912	...	...
24 New drainage works constructed, enlarged, or installed..... projects reporting...	4	1	...	...	...	...	...	...	...	2	1	...	...
25 dollars...	25,812	11,000	...	...	...	...	...	...	...	9,500	5,312	...	...
26 Open ditches..... projects reporting...	4	1	...	...	...	...	...	...	...	2	1	...	...
27 length, miles...	15.3	5.0	...	...	...	...	...	...	...	8.0	2.3	...	...
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	5	1	1	1	...	1	...	...	...	1	1	...	...
36 dollars...	5,249	100	2,809	370	...	370	...	...	...	1,000	600	...	...

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	33,599,360	33,712,000	33,744,000	33,616,000	33,616,000
Land in farms..... acres...	16,458,515	18,871,244	18,044,542	16,052,962	17,456,750
Drainage projects..... number...	598	844	250	NA	NA
Total area in drainage projects..... acres served...	4,870,106	4,701,095	4,592,738	4,631,155	3,479,591
Area not used for agriculture or not drained..... acres served...	189,140	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	4,680,966	NA	¹ 3,100,342	² 2,940,035	NA
Drainage established 10 years or more before Census date..... acres served...	4,447,703	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	233,263	NA	NA	NA	NA
Area served by two or more projects..... acres served...	917,881	629,514	1,040,561	1,133,653	363,221
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	167	² 15	NA	NA	NA
..... acres served...	236,104	² 67,790	84,358	40,660	26,900
Cooperative or mutual drains..... number of projects...	202	² 23	...	...	...
..... acres served...	276,463	² 32,398	...	...	...
Legally organized public drains..... number of projects...	229	² 229	NA	NA	NA
..... acres served...	5,252,771	² 4,506,440	4,508,380	4,590,495	3,452,691
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	260	² 235	NA	NA	NA
..... acres served...	4,991,384	² 4,476,359	4,483,441	3,889,411	³ 869,641
Started within 10 years of Census date..... number of projects...	338	² 32	NA	NA	NA
..... acres served...	773,954	² 130,269	109,297	741,744	³ 2,561,950
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	471	² 127	NA	NA	NA
..... dollars...	20,488,226	5,540,041	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	352	⁴ 28	NA	NA	NA
..... cost, dollars...	9,044,351	⁴ 391,898	NA	NA	NA
Open ditches..... projects reporting...	347	29	NA	NA	NA
..... length, miles...	1,796.0	123	NA	NA	NA
Tile or covered drains..... projects reporting...	...	...	NA	NA	NA
..... length, miles...	...	...	NA	NA	NA
Levees or dikes..... projects reporting...	9	4	NA	NA	NA
..... length, miles...	27.8	15	NA	NA	NA
Pumps..... projects reporting...	3	NA	NA	NA	NA
..... number of pumps...	4	NA	NA	NA	NA
Other (see text)..... projects reporting...	...	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	169	NA	NA	NA	NA
..... dollars...	11,443,875	5,148,143	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	39,450,754	37,532,575	14,147,174
Physical works:					
Open ditches..... length, miles...	NA	NA	6,030.3	4,974.3	3,154.1
Tile drains..... length, miles...	NA	NA	10.8	0.1	20.4
Levees and dikes..... length, miles...	NA	NA	332.4	201.9	121.8
Pumping units..... number of units...	NA	² 5	5	5	...

NA Not available.

¹Not fully comparable. See text.

²1950 figures exclude 577 projects and 94,467 acres in "irrigation enterprises."

³1920 figures exclude 48,000 acres for which date of organization was not reported.

⁴Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	598	5,765,338	2,002,253	484	5,529,817	151	235,521
2	500 to 999 acres.....	230	150,233	80,415	165	101,004	81	49,229
3	1,000 to 1,999 acres.....	109	144,769	72,486	83	105,997	34	38,772
4	2,000 to 4,999 acres.....	76	238,843	59,541	59	175,702	23	63,141
5	5,000 to 9,999 acres.....	60	439,295	84,055	55	383,562	10	55,733
6	10,000 to 19,999 acres.....	54	776,548	208,856	53	747,902	3	28,646
7	20,000 to 49,999 acres.....	45	1,388,425	228,142	45	1,388,425	...	...
8	50,000 to 99,999 acres.....	12	778,208	201,802	12	778,208	...	...
9	100,000 or more acres.....	12	1,849,017	1,066,956	12	1,849,017	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	598	5,765,338	2,002,253	484	5,529,817	151	235,521
2	Drains owned by one landowner.....	167	236,104	140,864	120	174,323	62	61,781
3	Cooperative or mutual drains.....	202	276,463	105,237	139	147,174	82	129,289
4	Legally organized public drains.....	229	5,252,771	1,756,152	225	5,208,320	7	44,451

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	598	5,765,338	2,002,253	484	5,529,817	151	235,521
2	1960-1959.....	338	773,954	438,490	224	542,933	148	231,021
3	Prior to 1950.....	260	4,991,384	1,563,763	260	4,986,884	3	4,500

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
471	20,488,226	352	9,044,351	347	1,796.0	...	...	9	27.8	3	4	...	1
214	679,067	205	648,914	205	525.9	...	...	3	3.8	1	2	...	2
89	566,556	83	532,268	83	306.7	...	...	...	...	...	...	...	3
49	566,238	34	396,718	33	161.8	...	...	1	6.0	...	...	...	4
33	933,089	17	449,440	15	137.2	...	...	3	12.5	...	...	...	5
32	1,968,781	8	616,231	6	109.2	...	...	2	5.5	1	1	...	6
33	4,361,112	1	477,000	1	300.0	...	...	...	...	...	...	...	7
9	1,571,221	1	189,750	1	54.3	...	...	...	...	...	...	...	8
12	9,842,162	3	5,734,030	3	200.9	...	...	...	...	1	1	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
471	20,488,226	352	9,044,351	347	1,796.0	...	...	9	27.8	3	4	...	1
164	2,229,404	157	1,386,737	157	1,045.1	...	...	1	1.5	1	2	...	2
183	822,130	173	794,557	173	382.4	...	...	2	2.3	...	...	...	3
124	17,436,692	22	6,863,057	17	368.5	...	...	6	24.0	2	2	...	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
471	20,488,226	352	9,044,351	347	1,796.0	...	...	9	27.8	3	4	...	1
338	9,195,066	326	7,908,320	325	1,262.0	...	...	5	10.3	1	2	...	2
133	11,293,160	26	1,136,031	22	534.0	...	...	4	17.5	2	2	...	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Arkansas	Ashley	Chicot	Clark	Clay	Conway	Craighead
AREA								
1 Approximate land area.....acres 1960...	33,599,360	662,400	597,120	414,080	561,920	409,600	358,400	458,880
2 Land in farms.....acres 1959...	16,458,515	449,712	164,831	282,670	180,332	297,242	235,834	372,953
3 Drainage projects..... number 1960...	598	19	10	57	1	17	2	43
4 1950...	844	39	3	14	1	24	3	78
5 Total area in drainage projects ¹ acres served 1960...	4,870,106	114,466	50,692	352,885	26,071	267,230	7,400	332,603
6 1950...	4,701,095	125,221	33,684	347,206	26,071	280,798	22,724	352,265
7 Area not used for agriculture or not drained..... acres served 1960...	189,140	5,300	...	28,290	...	...	...	4,328
8 Net area drained and used for agriculture..... acres served 1960...	4,680,966	109,166	50,692	324,595	26,071	267,230	7,400	328,275
9 Drainage established before 1950..... acres served 1960...	4,447,703	109,166	32,540	317,141	26,071	267,230	6,900	327,135
10 Area added, 1950-1959..... acres served 1960...	233,263	...	18,152	7,454	...	...	500	1,140
11 Area served by two or more projects..... acres served 1960...	917,881	...	6,740	124,373	...	57,040	...	68,169
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	167	1	4	29	...	...	...	4
13 acres served ² ...	236,104	800	3,310	26,524	...	...	...	2,480
14 Cooperative or mutual drains..... number of projects...	202	1	4	21	...	4	1	15
15 acres served ² ...	276,463	450	21,582	22,846	...	4,180	500	10,780
16 Legally organized public drains..... number of projects...	229	17	2	7	1	13	1	24
17 acres served ² ...	5,252,771	107,916	32,540	410,290	26,071	325,140	6,900	388,664
PROJECTS, 1960, BY YEAR STARTED								
18 1960-1969..... number of projects...	338	...	9	50	...	4	1	22
19 acres served ² ...	773,954	...	49,192	138,519	...	4,180	500	48,871
20 Prior to 1960..... number of projects...	260	19	1	7	1	13	1	21
21 acres served ² ...	4,991,384	109,166	8,240	321,141	26,071	325,140	6,900	353,053
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services..... projects reporting...	471	6	8	57	1	11	1	39
23 dollars...	20,488,226	20,701	65,886	2,051,610	36,230	224,392	24,500	1,819,385
24 New drainage works constructed, enlarged, or installed..... projects reporting...	352	1	8	51	...	5	1	21
25 dollars...	9,044,351	300	65,886	1,956,980	...	23,270	24,500	84,204
26 Open ditches..... projects reporting...	347	1	8	51	...	5	1	21
27 length, miles...	1,796.0	0.1	36.7	364.9	...	9.9	3.3	49.8
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	9	...	...	...	...	...	...	4
31 length, miles...	27.8	...	...	...	...	...	...	14.5
32 Pumps..... projects reporting...	3	...	...	...	...	...	...	...
33 number of pumps...	4	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	169	6	...	27	1	7	...	20
36 dollars...	11,443,875	20,401	...	94,630	36,230	201,122	...	1,735,181

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	Crawford	Crittenden	Cross	Desha	Drew	Faulkner	Greene	Hempstead
AREA								
1 Approximate land area..... acres 1960...	382,080	398,720	400,640	496,640	535,040	413,440	370,560	470,400
2 Land in farms..... acres 1959...	160,603	350,192	319,960	270,695	176,153	286,992	267,842	257,507
3 Drainage projects..... number 1960...	2	25	41	28	7	4	42	2
4 1950...	1	11	189	16	1	3	44	2
5 Total area in drainage projects ¹ acres served 1960...	1,860	268,337	173,325	335,875	17,200	13,899	207,544	9,104
6 1950...	920	260,337	156,782	308,322	3,440	9,169	207,057	9,104
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	3,480	...	...	1,700	...
8 Net area drained and used for agriculture..... acres served 1960...	1,860	268,337	173,325	332,395	17,200	13,899	205,844	9,104
9 Drainage established before 1950..... acres served 1960...	...	259,897	130,575	328,195	4,040	13,899	199,544	9,104
10 Area added, 1950-1959..... acres served 1960...	1,860	8,440	42,750	4,200	13,160	...	6,300	...
11 Area served by two or more projects..... acres served 1960...	...	33,064	11,296	123,675	...	...	49,291	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	11	13	17	2	1	5	...
13 acres served ²...	...	7,560	17,863	47,356	3,260	529	4,840	...
14 Cooperative or mutual drains..... number of projects...	2	4	23	4	4	1	16	...
15 acres served ² ...	1,860	6,200	41,688	3,645	10,500	800	18,898	...
16 Legally organized public drains..... number of projects...	...	10	5	7	1	2	21	2
17 acres served ²...	...	289,241	125,070	435,476	3,440	12,570	237,102	9,104
PROJECTS, 1960, BY YEAR STARTED								
18 1960-1959..... number of projects...	2	16	30	16	5	1	21	...
19 acres served ² ...	1,860	43,104	54,534	121,068	11,200	529	34,978	...
20 Prior to 1960..... number of projects...	...	9	11	12	2	3	21	2
21 acres served ²...	...	259,897	130,087	365,409	6,000	13,370	225,862	9,104
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services..... projects reporting...	2	24	35	26	6	3	30	...
23 dollars...	15,715	1,344,322	210,563	4,539,015	59,468	25,982	450,697	...
24 New drainage works constructed, enlarged, or installed..... projects reporting...	2	13	32	22	6	1	23	...
25 dollars...	15,715	43,574	154,761	4,293,622	59,468	14,500	231,499	...
26 Open ditches..... projects reporting...	2	13	32	22	6	...	21	...
27 length, miles...	5.1	23.6	93.5	310.2	31.2	...	36.4	...
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	1	2	...
31 length, miles...	...	...	...	...	...	0.6	11.0	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	...	11	6	10	...	3	8	...
36 dollars...	...	1,300,748	55,802	245,393	...	11,482	219,198	...

¹Land served by two or more projects counted only once.

²Acres served by two projects are included for each project. See text.

³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1960 data.]

Item and Census year	Independence	Jackson	Jefferson	Lafayette	Lawrence	Lee	Lincoln	Little River
AREA								
1 Approximate land area.....acres 1960...	483,200	407,680	569,600	336,640	378,880	396,800	361,600	348,160
2 Land in farms.....acres 1959...	305,090	348,913	311,941	130,861	279,132	272,618	223,175	182,247
3 Drainage projects..... number 1960...	12	35	43	4	28	25	18	4
4 1950...	10	56	34	4	33	21	9	1
5 Total area in drainage projects ¹ acres served 1960...	15,494	195,867	202,841	51,460	180,246	112,637	110,684	24,560
6 1960...	28,866	181,679	218,942	41,034	199,423	107,702	101,424	10,892
7 Area not used for agriculture or not drained..... acres served 1960...	3,950	...	18,800	...	...	8,320	...	2,880
8 Net area drained and used for agriculture..... acres served 1960...	11,544	195,867	184,041	51,460	180,246	104,317	110,684	21,680
9 Drainage established before 1950..... acres served 1960...	7,676	175,736	167,846	41,414	178,971	93,972	104,924	8,012
10 Area added, 1950-1959..... acres served 1960...	3,868	20,131	16,195	10,046	1,275	10,345	5,760	13,668
11 Area served by two or more projects..... acres served 1960...	...	11,920	37,230	...	13,471	5,285	17,645	5,292
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	10	11	1	4	10	2	2
13 acres served ²...	...	10,906	9,875	6,000	2,706	9,215	12,400	1,500
14 Cooperative or mutual drains..... number of projects...	9	6	14	...	13	6	7	...
15 acres served ² ...	7,098	5,456	10,920	...	12,780	4,945	8,335	...
16 Legally organized public drains..... number of projects...	3	19	18	3	11	9	9	2
17 acres served ² ...	4,446	192,541	212,856	65,460	178,801	95,442	107,594	26,012
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	4	17	26	1	17	14	8	3
19 acres served ² ...	3,868	28,319	26,555	10,046	15,486	13,530	8,900	19,500
20 Prior to 1950..... number of projects...	8	18	17	3	11	11	10	1
21 acres served ² ...	7,676	180,584	207,096	41,414	178,801	96,072	119,429	8,012
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services..... projects reporting...	5	24	36	2	18	22	12	3
23 dollars...	32,458	315,732	481,206	173,814	88,951	148,548	102,881	329,200
24 New drainage works constructed, enlarged, or installed..... projects reporting...	4	18	26	1	17	16	9	3
25 dollars...	31,458	200,976	131,514	104,230	51,231	49,433	63,313	329,200
26 Open ditches..... projects reporting...	4	18	26	1	17	16	9	3
27 length, miles...	16.0	61.3	58.0	8.0	23.8	35.7	21.5	29.8
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	1
31 length, miles...	...	...	...	...	...	...	...	0.5
32 Pumps..... projects reporting...	...	...	1	...	...	...	...	...
33 number of pumps...	...	...	2	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	1	8	10	1	1	8	4	...
36 dollars...	1,000	114,756	349,692	69,584	37,720	99,115	39,568	...

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. --DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Logan	Lonoke	Miller	Mississippi	Monroe	Perry	Phillips	Poinsett
AREA								
1 Approximate land area.....acres 1960...	463,360	512,000	401,280	589,440	394,880	353,920	450,560	487,680
2 Land in farms.....acres 1959...	265,214	377,698	188,850	533,421	201,508	98,122	305,315	404,318
8 Drainage projects..... number 1960...	4	20	8	21	9	3	30	31
4 1950...	1	99	8	11	15	3	9	10
5 Total area in drainage projects ¹ acres served 1960...	2,720	219,269	86,069	499,678	29,046	15,560	261,678	396,700
6 1960...	1,301	238,885	86,069	516,687	30,565	14,728	113,404	404,190
7 Area not used for agriculture or not drained..... acres served 1960...	...	9,492	15,000	17,000	700	...	6,420	51,380
8 Net area drained and used for agriculture..... acres served 1960...	2,720	209,777	71,069	482,678	28,346	15,560	255,258	345,320
9 Drainage established before 1950..... acres served 1960...	...	209,727	71,069	480,691	24,040	14,720	253,238	345,320
10 Area added, 1950-1959..... acres served 1960...	2,720	50	...	1,987	4,306	840	2,020	...
11 Area served by two or more projects..... acres served 1960...	...	11,734	1,920	204,424	320	...	115,497	7,430
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	3	3	...	4	2	...	15	12
13 acres served ² ...	2,200	3,342	...	33,700	1,306	...	13,400	6,735
14 Cooperative or mutual drains..... number of projects...	1	2	...	7	4	1	9	11
15 acres served ² ...	520	4,000	...	5,150	4,050	840	18,013	8,337
16 Legally organized public drains..... number of projects ³...	...	15	8	10	3	2	6	8
17 acres served ²...	...	214,169	72,989	729,572	23,310	14,720	350,863	337,788
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	4	1	...	11	5	1	21	23
19 acres served ² ...	2,720	850	...	55,450	5,036	840	19,496	15,072
20 Prior to 1950..... number of projects...	...	19	8	10	4	2	9	8
21 acres served ²...	...	220,661	72,989	712,972	23,630	14,720	362,780	337,788
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services..... projects reporting...	4	9	6	21	7	1	30	27
23 dollars...	15,386	81,717	60,360	4,772,808	18,391	3,349	851,488	1,803,808
24 New drainage works constructed, enlarged, or installed..... projects reporting...	4	2	...	9	5	1	23	23
25 dollars...	15,386	7,221	...	507,609	14,962	3,349	308,068	88,509
26 Open ditches..... projects reporting...	4	2	...	9	5	1	23	23
27 length, miles...	4.1	7.8	...	320.8	9.9	3.5	122.1	48.9
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	1
33 number of pumps...	...	...	...	...	...	...	...	1
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	...	9	6	13	2	...	10	7
36 dollars...	...	74,496	60,360	4,265,199	3,429	...	543,420	1,715,299

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	100,206,720	100,313,600	100,353,920	99,617,280	99,617,280
Land in farms..... acres...	36,887,948	36,613,291	30,524,324	30,442,581	29,365,667
Drainage projects..... number...	356	2,047	158	NA	NA
Total area in drainage projects..... acres served...	1,934,825	2,554,576	2,667,194	2,233,714	1,108,319
Area not used for agriculture or not drained..... acres served...	23,574	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	1,911,251	NA	² 2,551,036	² 2,024,446	NA
Drainage established 10 years or more before Census date..... acres served...	1,666,899	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	244,352	NA	NA	NA	NA
Area served by two or more projects..... acres served...	106,696	...	88,563	60,354	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	157	² 48	NA	NA	NA
acres served...	311,903	² 177,321	² 89,985	² 90,384	² 147,678
Cooperative or mutual drains..... number of projects...	45	² 13	...	...	...
acres served...	124,511	² 73,266	...	...	...
Legally organized public drains..... number of projects...	154	² 102	NA	NA	NA
acres served...	1,583,133	² 1,202,950	² 1,168,701	² 1,167,139	² 795,441
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	269	² 142	NA	NA	NA
acres served...	1,752,466	² 1,400,083	2,624,471	1,753,766	³ 471,396
Started within 10 years of Census date..... number of projects...	87	² 21	NA	NA	NA
acres served...	267,081	² 53,454	42,723	479,954	³ 566,114
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	344	² 159	NA	NA	NA
dollars...	29,065,257	15,926,510	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	206	⁴ 16	16	NA	NA
cost, dollars...	4,525,825	⁴ 135,346	NA	NA	NA
Open ditches..... projects reporting...	167	15	NA	NA	NA
length, miles...	812.9	34	NA	NA	NA
Tile or covered drains..... projects reporting...	21	2	NA	NA	NA
length, miles...	46.0	11	NA	NA	NA
Levees or dikes..... projects reporting...	50	...	NA	NA	NA
length, miles...	227.4	...	NA	NA	NA
Pumps..... projects reporting...	74	NA	NA	NA	NA
number of pumps...	162	NA	NA	NA	NA
Other (see text)..... projects reporting...	42	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	289	NA	NA	NA	NA
dollars...	24,539,432	15,791,164	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	70,144,044	66,451,698	47,687,153
Physical works:					
Open ditches..... length, miles...	NA	NA	6,091.1	4,605.9	3,009.8
Tile drains..... length, miles...	NA	NA	326.2	486.2	85.6
Levees and dikes..... length, miles...	NA	NA	1,537.6	1,389.5	1,131.1
Pumping units..... number of units...	NA	² 382	763	426	NA

NA Not available.

¹Not fully comparable. See text.

²1950 figures exclude 1,884 projects and 1,101,039 acres in "irrigation enterprises"; 1940 figures exclude 1,408,508 acres in "irrigation enterprises"; 1930 figures exclude 1,016,191 acres in "irrigation enterprises"; 1920 figures exclude 165,200 acres in "irrigation enterprises."

³1920 figures exclude 70,809 acres for which date of organization was not reported.

⁴Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	356	2,019,547	214,992	282	1,767,032	84	252,515
2	500 to 999 acres.....	104	71,294	23,895	67	45,447	39	25,847
3	1,000 to 1,999 acres.....	76	101,939	26,164	57	75,458	20	26,481
4	2,000 to 4,999 acres.....	75	230,410	47,543	67	204,634	10	25,776
5	5,000 to 9,999 acres.....	56	381,682	55,813	49	320,334	10	61,348
6	10,000 to 19,999 acres.....	27	385,170	24,073	24	329,130	4	56,040
7	20,000 to 49,999 acres.....	9	234,240	14,297	9	234,240	...	...
8	50,000 to 99,999 acres.....	8	477,966	20,838	8	420,943	1	57,023
9	100,000 or more acres.....	1	136,846	2,369	1	136,846	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	356	2,019,547	214,992	282	1,767,032	84	252,515
2	Drains owned by one landowner.....	157	311,903	85,783	129	272,280	33	39,623
3	Cooperative or mutual drains.....	45	124,511	15,328	15	38,652	32	85,859
4	Legally organized public drains.....	154	1,583,133	113,881	138	1,456,100	19	127,033

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	356	2,019,547	214,992	282	1,767,032	84	252,515
2	1960-1959.....	87	267,081	31,365	13	15,501	81	251,580
3	Prior to 1950.....	269	1,752,466	183,627	269	1,751,531	3	935

¹Includes projects taken over by another project prior to 1960. See text.

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
344	29,065,257	206	4,525,825	167	812.9	21	46.0	50	227.4	74	162	42	1
102	1,367,077	78	662,786	69	204.6	6	13.6	20	55.4	18	29	11	2
72	1,863,853	43	604,837	35	118.0	8	9.2	14	43.2	12	13	13	3
72	5,896,932	38	1,232,258	26	168.5	4	8.5	9	56.9	19	40	10	4
55	6,703,709	27	689,709	21	195.2	2	11.5	4	29.4	12	29	4	5
26	4,437,840	14	544,595	12	93.3	...	...	2	19.0	8	23	3	6
8	2,490,090	2	112,587	1	10.0	1	3.2	...	...	2	8	...	7
8	6,105,756	4	679,053	3	23.3	...	...	1	23.5	3	20	1	8
1	200,000	...	...	...	...	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
344	29,065,257	206	4,525,825	167	812.9	21	46.0	50	227.4	74	162	42	1
155	4,444,461	103	1,046,141	96	488.1	6	4.8	28	100.8	34	61	26	2
41	1,341,852	37	665,387	29	124.2	10	25.4	3	5.9	2	3	7	3
148	23,278,944	66	2,814,297	42	200.6	5	15.8	19	120.7	38	98	9	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
344	29,065,257	206	4,525,825	167	812.9	21	46.0	50	227.4	74	162	42	1
188	3,664,379	87	2,304,476	79	350.2	12	25.9	22	90.1	9	29	22	2
256	25,400,878	119	2,221,349	88	462.7	9	20.1	28	137.3	65	133	20	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	The State	Alameda	Butte	Colusa	Contra Costa	Fresno	Glenn	Kings	Lake
AREA									
1 Approximate land area.....acres 1960...	100,206,720	469,120	1,064,320	737,920	469,760	3,816,960	842,880	892,800	803,840
2 Land in farms.....acres 1959...	36,887,948	311,139	670,119	491,128	287,927	2,286,381	648,569	678,005	252,310
3 Drainage projects.....number 1960...	356	9	12	30	44	5	12	8	4
4 1950...	2,047	11	120	65	54	26	60	15	30
5 Total area in drainage projects ¹.....acres served 1960...	1,934,825	26,400	129,421	252,892	56,809	79,888	106,372	59,231	2,542
6 1950...	2,554,576	1,776	156,665	258,742	56,930	86,627	147,132	27,981	2,518
7 Area not used for agriculture or not drained.....acres served 1960...	23,574	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture.....acres served 1960...	1,911,251	26,400	129,421	252,892	56,809	79,888	106,372	59,231	2,542
9 Drainage established before 1950.....acres served 1960...	1,666,899	12,400	129,421	252,042	56,809	79,888	104,370	59,231	1,992
10 Area added, 1950-1959.....acres served 1960...	244,352	14,000	...	850	...	...	2,002	...	550
11 Area served by two or more projects.....acres served 1960...	106,696	1,000	7,754	21,548	28,209	...	2,234	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner.....number of projects...	157	...	3	18	30	...	3	...	...
13 acres served ² ...	311,903	...	2,126	45,867	30,845	...	4,555	...	...
14 Cooperative or mutual drains.....number of projects...	45	2	...	1	...	...	...	...	1
15 acres served ² ...	124,511	2,500	...	2,300	...	...	...	...	550
16 Legally organized public drains.....number of projects...	154	7	9	11	14	5	9	8	3
17 acres served ² ...	1,583,133	24,900	136,649	226,273	54,173	79,888	104,051	59,231	1,992
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959.....number of projects...	87	7	...	2	1	...	2	...	1
19 acres served ² ...	267,081	14,000	...	1,493	1,657	...	4,280	...	550
20 Prior to 1960.....number of projects...	269	2	12	28	43	5	10	8	3
21 acres served ² ...	1,752,466	13,400	138,775	272,947	83,361	79,888	104,326	59,231	1,992
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	344	8	12	29	44	5	10	6	4
23 dollars...	29,065,257	294,146	753,274	1,853,987	1,934,651	603,524	192,600	705,947	162,034
24 New drainage works constructed, enlarged, or installed.....projects reporting...	206	7	1	15	18	1	5	...	4
25 dollars...	4,525,825	216,146	150	217,288	161,878	27,569	51,500	...	47,010
26 Open ditches.....projects reporting...	167	7	...	15	15	1	5	...	4
27 length, miles...	812.9	24.5	...	62.9	92.0	4.0	10.0	...	3.5
28 Tile or covered drains.....projects reporting...	21	...	...	...	...	...	...	...	...
29 length, miles...	46.0	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	50	5	...	4	1	...	1	...	2
31 length, miles...	227.4	22.1	...	14.0	6.0	...	1.7	...	0.6
32 Pumps.....projects reporting...	74	...	...	4	6	1	1	...	2
33 number of pumps...	162	...	...	6	11	6	3	...	4
34 Other (see text).....projects reporting...	42	...	1	7	1	...	3	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	289	1	12	28	44	5	9	6	3
36 dollars...	24,539,432	78,000	753,124	1,636,699	1,772,773	575,955	141,100	705,947	115,024

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. --DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959--Continued

[See text for comparability of 1960 and 1950 data]

Item and Census year	Marin	Mendocino	Merced	Modoc	Monterey	Napa	Orange	Placer	Plumas
AREA									
1 Approximate land area.....acres 1960...	332,800	2,244,480	1,268,480	2,618,880	2,127,360	485,120	500,480	911,360	1,644,800
2 Land in farms.....acres 1959...	227,450	1,057,226	969,504	1,035,911	1,612,991	296,112	345,689	258,825	95,465
3 Drainage projects..... number 1960...	9	2	8	1	5	3	8	5	5
4 1950...	5	12	76	10	35	10	33	14	5
5 Total area in drainage projects ¹ acres served 1960...	8,677	21,600	45,713	3,000	26,955	2,206	87,687	3,776	16,760
6 1950...	4,445	21,804	148,602	33,429	11,619	1,574	91,373	2,140	426
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	6,824	...	...
8 Net area drained and used for agriculture..... acres served 1960...	8,677	21,600	45,713	3,000	26,955	2,206	80,863	3,776	16,760
9 Drainage established before 1950..... acres served 1960...	7,157	21,600	43,089	3,000	7,000	...	80,863	2,526	...
10 Area added, 1950-1959..... acres served 1960...	1,520	...	2,624	...	19,955	2,206	...	1,250	16,760
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	1,000	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	9	...	...	1	2	...	2	4	3
13 acres served ² ..	8,677	...	...	3,000	3,455	...	52,037	1,776	2,600
14 Cooperative or mutual drains..... number of projects...	...	...	4	...	2	3	...	...	2
15 acres served ²..	...	...	5,162	...	18,800	2,206	...	...	14,160
16 Legally organized public drains..... number of projects...	...	2	4	...	1	...	6	1	...
17 acres served ²..	...	21,600	40,551	...	4,700	...	29,826	2,000	...
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	2	...	2	...	3	3	...	2	5
19 acres served ² ..	1,325	...	2,624	...	19,955	2,206	...	1,250	16,760
20 Prior to 1950..... number of projects...	7	2	6	1	2	...	8	3	...
21 acres served ² ..	7,352	21,600	43,089	3,000	7,000	...	81,863	2,526	...
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services..... projects reporting...	9	1	5	(⁴)	5	3	8	5	5
23 dollars...	169,009	32,000	492,238	(⁴)	245,184	120,000	439,632	36,602	75,255
24 New drainage works constructed, enlarged, or installed..... projects reporting...	7	...	5	...	3	3	3	3	4
25 dollars...	115,332	...	110,284	...	22,120	110,000	134,967	3,985	62,255
26 Open ditches..... projects reporting...	7	...	4	...	3	3	1	3	4
27 length, miles...	61.1	...	6.7	...	8.2	9.5	3.1	2.7	18.1
28 Tile or covered drains..... projects reporting...	...	...	1	...	...	...	2	...	...
29 length, miles...	...	...	3.2	...	...	...	13.5	...	...
30 Levees or dikes..... projects reporting...	7	...	...	...	1	1	...	...	1
31 length, miles...	29.0	...	...	...	3.5	0.5	...	...	1.4
32 Pumps..... projects reporting...	5	...	2	...	1	...	1	...	...
33 number of pumps...	13	...	5	...	2	...	3	...	...
34 Other (see text)..... projects reporting...	2	...	1	...	2	...	...	1	2
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	6	1	4	(⁴)	2	1	7	3	5
36 dollars...	53,677	32,000	381,954	(⁴)	223,064	10,000	304,665	32,617	13,000

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.
⁴Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1.—DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959—Continued

[See text for comparability of 1960 and 1950 data]

Item and Census year	Riverside	Sacramento	San Benito	San Joaquin	San Luis Obispo	Santa Barbara	Santa Clara	Santa Cruz	Sierra
AREA									
1 Approximate land area.....acres 1960...	4,593,280	629,120	893,440	¹ 901,760	2,122,240	1,752,320	833,280	280,960	613,120
2 Land in farms.....acres 1959...	801,430	546,988	750,447	¹ 924,893	1,687,216	937,523	529,489	108,984	92,189
3 Drainage projects.....number 1960...	3	25	6	59	2	1	10	2	1
4.....1950...	14	254	5	251	18	22	19	34	2
5 Total area in drainage projects ².....acres served 1960...	2,900	119,173	7,839	183,914	2,205	5,230	48,111	60,000	6,000
6.....1950...	11,914	160,652	110	329,572	7,608	5,881	5,514	3,140	600
7 Area not used for agriculture or not drained.....acres served 1960...	...	...	...	...	...	...	7,250	1,100	...
8 Net area drained and used for agriculture.....acres served 1960...	2,900	119,173	7,839	183,914	2,205	5,230	40,861	58,900	6,000
9 Drainage established before 1950.....acres served 1960...	1,800	117,863	650	176,835	2,205	5,230	13,626	1,877	...
10 Area added, 1950-1959.....acres served 1960...	1,100	1,310	7,189	7,079	...	...	27,235	57,023	6,000
11 Area served by two or more projects.....acres served 1960...	...	3,506	1,150	6,826	...	...	...	1,877	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner.....number of projects...	1	7	1	33	1	1	2	...	1
13.....acres served ³ ...	1,000	6,164	639	70,356	420	5,230	8,685	...	6,000
14 Cooperative or mutual drains.....number of projects...	1	2	5	2	...	...	1	...	...
15.....acres served ³ ...	1,100	1,310	8,350	3,185	...	...	12,500	...	...
16 Legally organized public drains.....number of projects...	1	16	...	24	1	...	7	2	...
17.....acres served ³ ...	800	115,205	...	117,199	1,785	...	19,676	60,777	...
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959.....number of projects...	1	2	5	3	...	...	8	1	1
19.....acres served ³ ...	1,100	1,310	8,339	6,779	...	...	27,235	58,900	6,000
20 Prior to 1950.....number of projects...	2	23	1	56	2	1	2	1	...
21.....acres served ³ ...	1,800	121,369	650	183,961	2,205	5,230	13,626	1,877	...
DRAINAGE OPERATIONS, 1950-1959 ⁴									
22 Cost of drainage works and services.....projects reporting...	3	23	5	58	2	1	9	2	(⁵)
23.....dollars...	43,248	2,830,121	34,562	5,827,009	191,759	40,000	936,261	1,398,679	(⁵)
24 New drainage works constructed, enlarged, or installed.....projects reporting...	(⁵)	12	5	28	...	...	8	1	(⁵)
25.....dollars...	(⁵)	153,011	34,262	516,458	...	...	746,211	327,768	(⁵)
26 Open ditches.....projects reporting...	...	4	5	20	...	...	8	1	(⁵)
27.....length, miles...	...	3.5	9.6	152.8	...	...	18.4	14.2	(⁵)
28 Tile or covered drains.....projects reporting...	(⁵)	1	...	2	...	...	2	...	...
29.....length, miles...	(⁵)	1.3	...	0.2	...	...	1.1	...	...
30 Levees or dikes.....projects reporting...	...	2	...	9	...	...	4	1	...
31.....length, miles...	...	1.8	...	77.0	...	...	12.5	23.5	...
32 Pumps.....projects reporting...	...	7	...	21	...	...	...	1	...
33.....number of pumps...	...	8	...	45	...	...	...	12	...
34 Other (see text).....projects reporting...	...	2	...	2	...	...	2	1	(⁵)
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	3	21	1	58	2	1	3	2	(⁵)
36.....dollars...	8,409	2,677,110	300	5,310,551	191,759	40,000	190,050	1,070,911	(⁵)

¹The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

⁵Included in State total only.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959-Continued

[See text for comparability of 1960 and 1950 data.]

Item and Census year	Solano	Sanoma	Stanislaus	Sutter	Ventura	Yolo	Yuba	All other counties ¹
AREA								
1 Approximate land area.....acres 1960...	529,280	1,010,560	960,000	388,480	1,184,640	661,760	407,680	58,418,560
2 Land in farms.....acres 1959...	477,975	763,847	847,395	406,563	449,265	566,199	261,589	14,512,659
3 Drainage projects.....number 1960...	30	13	10	22	4	30	3	...
4 1950...	53	20	35	278	122	88	26	275
5 Total area in drainage projects ².....acres served 1960...	91,657	16,411	13,981	196,504	20,404	194,286	36,281	...
6 1950...	74,872	3,981	178,736	265,973	41,412	198,434	38,523	173,871
7 Area not used for agriculture or not drained.....acres served 1960...	1,920	...	...	...	500	3,100	2,880	...
8 Net area drained and used for agriculture.....acres served 1960...	89,737	16,411	13,981	196,504	19,904	191,186	33,401	...
9 Drainage established before 1950.....acres served 1960...	58,613	14,896	3,105	193,434	19,904	162,072	33,401	...
10 Area added, 1950-1959.....acres served 1960...	31,124	1,515	10,876	3,070	...	29,114	...	...
11 Area served by two or more projects.....acres served 1960...	10,418	...	...	7,582	800	12,792	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner.....number of projects...	14	10	...	8	1	9	...	...
13 acres served ³ ...	16,582	9,238	...	10,759	800	21,092	...	...
14 Cooperative or mutual drains.....number of projects...	3	1	10	2	...	5	...	...
15 acres served ³ ...	23,640	673	13,981	3,180	...	10,914	...	...
16 Legally organized public drains.....number of projects...	13	2	...	12	3	16	3	...
17 acres served ³ ...	59,933	6,500	...	190,147	19,904	171,972	33,401	...
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959.....number of projects...	15	2	8	4	...	11	...	...
19 acres served ² ...	40,667	1,515	10,876	3,830	...	34,430	...	...
20 Prior to 1950.....number of projects...	15	11	2	18	4	19	3	...
21 acres served ³ ...	59,488	14,896	3,105	200,256	20,704	169,548	33,401	...
DRAINAGE OPERATIONS, 1950-1959⁴								
22 Cost of drainage works and services.....projects reporting...	31	13	10	22	4	29	3	...
23 dollars...	1,836,849	184,877	269,764	2,681,217	318,150	3,859,568	468,110	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	26	13	9	11	1	18	1	...
25 dollars...	373,934	130,568	240,114	417,869	12,000	196,493	58,064	...
26 Open ditches.....projects reporting...	22	13	2	10	...	16	...	...
27 length, miles...	127.9	53.6	3.3	30.6	...	91.7	...	...
28 Tile or covered drains.....projects reporting...	...	...	9	2	1	...	...	...
29 length, miles...	...	...	23.4	0.3	1.0	...	...	...
30 Levees or dikes.....projects reporting...	2	8	...	...	...	1	...	...
31 length, miles...	8.5	21.7	...	...	...	3.6	...	...
32 Pumps.....projects reporting...	8	8	1	2	...	5	1	...
33 number of pumps...	11	11	1	5	...	14	2	...
34 Other (see text).....projects reporting...	1	4	3	4	...	2	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	24	9	6	20	4	22	3	...
36 dollars...	1,462,915	54,309	29,650	2,263,348	306,150	3,663,075	410,046	...

¹Includes Alpine, Calaveras, Del Norte, El Dorado, Humboldt, Imperial, Inyo, Kern, Lassen, Los Angeles, Madera, Mono, Nevada, San Bernardino, San Diego, San Mateo, Shasta, Siskiyou, Tehama, Trinity, and Tulare counties.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	66,485,760	66,510,080	66,538,880	66,341,120	66,341,120
Land in farms..... acres...	38,787,312	37,953,099	31,527,240	28,876,171	24,462,014
Drainage projects..... number...	16	630	56	NA	NA
Total area in drainage projects..... acres served...	55,496	623,976	468,322	366,719	171,656
Area not used for agriculture or not drained..... acres served...	...	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	55,496	NA	¹ 392,132	¹ 305,966	NA
Drainage established 10 years or more before Census date..... acres served...	55,496	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	...	NA	NA	NA	NA
Area served by two or more projects..... acres served...	...	1,080	972	640	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	3	² 8	NA	NA	NA
..... acres served...	2,638	² 21,421	² 25,291	² 17,351	33,630
Cooperative or mutual drains..... number of projects...	3	² 4	...	...	...
..... acres served...	5,610	² 27,190	...	...	...
Legally organized public drains..... number of projects...	10	² 39	NA	NA	NA
..... acres served...	47,248	² 255,753	² 255,709	² 250,238	138,026
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	16	² 48	NA	NA	...
..... acres served...	55,496	² 292,174	393,363	175,486	...
Started within 10 years of Census date..... number of projects...	...	² 3	NA	NA	NA
..... acres served...	...	² 12,190	74,959	191,233	171,656
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	15	² 47	NA	NA	NA
..... dollars...	178,196	773,236	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	3	³ 5	NA	NA	NA
..... cost, dollars...	3,750	³ 23,445	NA	NA	NA
Open ditches..... projects reporting...	1	4	NA	NA	NA
..... length, miles...	0.3	11	NA	NA	NA
Tile or covered drains..... projects reporting...	1	1	NA	NA	NA
..... length, miles...	0.4	1	NA	NA	NA
Levees or dikes..... projects reporting...	...	1	NA	NA	NA
..... length, miles...	...	1	NA	NA	NA
Pumps..... projects reporting...	1	NA	NA	NA	NA
..... number of pumps...	1	NA	NA	NA	NA
Other (see text)..... projects reporting...	1	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	14	NA	NA	NA	NA
..... dollars...	174,446	749,791	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	4,890,317	4,358,866	1,081,875
Physical works:					
Open ditches..... length, miles...	NA	NA	972.9	814.9	132.5
Tile drains..... length, miles...	NA	NA	365.3	369.5	195.2
Levees and dikes..... length, miles...	NA	NA	...	...	...
Pumping units..... number of units...	NA	(²)	4	...	...

NA Not available.

¹Not fully comparable. See text.

²1950 figures exclude 579 projects and 319,612 acres in "irrigation enterprises"; 1940 figures exclude 187,322 acres in "irrigation enterprises"; 1930 figures exclude 99,130 acres in "irrigation enterprises."

³Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	16	55,496	...	16	55,496	...	...
2	500 to 999 acres.....	4	2,892	...	4	2,892	...	...
3	1,000 to 1,999 acres.....	4	5,930	...	4	5,930	...	...
4	2,000 to 4,999 acres.....	4	11,464	...	4	11,464	...	...
5	5,000 to 9,999 acres.....	4	35,210	...	4	35,210	...	...
6	10,000 to 19,999 acres.....	...	...	...	...	...	...	...
7	20,000 to 49,999 acres.....	...	...	...	...	...	...	...
8	50,000 to 99,999 acres.....	...	...	...	...	...	...	...
9	100,000 or more acres.....	...	...	...	...	...	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	16	55,496	...	16	55,496	...	...
2	Drains owned by one landowner.....	3	2,638	...	3	2,638	...	...
3	Cooperative or mutual drains.....	3	5,610	...	3	5,610	...	...
4	Legally organized public drains.....	10	47,248	...	10	47,248	...	...

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	16	55,496	...	16	55,496	...	...
2	1950-1959.....	...	...	...	...	...	...	...
3	Prior to 1950.....	16	55,496	...	16	55,496	...	...

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
15	178,196	3	3,750	1	0.3	1	0.4	...	...	1	1	1	1
4	14,297	2	3,000	1	0.3	1	0.4	...	...	1	1	...	2
3	10,229	1	750	...	...	...	...	...	...	...	...	1	3
4	45,500	...	...	...	...	...	...	...	...	...	...	...	4
4	108,170	...	...	...	...	...	...	...	...	...	...	...	5
...	...	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
15	178,196	3	3,750	1	0.3	1	0.4	...	...	1	1	1	1
3	6,269	1	500	1	0.3	...	...	...	...	...	...	...	2
2	20,297	...	...	...	...	...	...	...	...	...	...	...	3
10	151,630	2	3,250	...	...	1	0.4	...	...	1	1	1	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
15	178,196	3	3,750	1	0.3	1	0.4	...	...	1	1	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	2
15	178,196	3	3,750	1	0.3	1	0.4	...	...	1	1	1	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Alamosa	Conejos	Crowley	Gunnison	Larimer	Logan
AREA							
1 Approximate land area.....acres 1960...	66,485,760	460,800	812,160	513,920	2,072,320	1,672,960	1,169,280
2 Land in farms.....acres 1959...	38,787,312	429,526	574,943	424,904	251,640	770,520	1,088,862
3 Drainage projects..... number 1960...	16	1	2	2	1	1	2
4	630	29	31	24	27	36	13
5 Total area in drainage projects ¹ acres served 1960...	55,496	640	10,590	12,463	758	3,000	3,161
6	623,976	26,086	53,151	52,294	3,514	9,267	13,020
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	55,496	640	10,590	12,463	758	3,000	3,161
9 Drainage established before 1950..... acres served 1960...	55,496	640	10,590	12,463	758	3,000	3,161
10 Area added, 1950-1959..... acres served 1960...	...	...	...	...	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION							
12 Drains owned by one landowner..... number of projects...	3	...	...	...	1	...	...
13	2,638	...	...	...	758	...	...
14 Cooperative or mutual drains..... number of projects...	3	...	...	...	...	1	1
15	5,610	...	...	...	...	3,000	960
16 Legally organized public drains..... number of projects...	10	1	2	2	...	...	1
17	47,248	640	10,590	12,463	...	...	2,201
PROJECTS, 1960, BY YEAR STARTED							
18 1960-1959..... number of projects...	...	...	...	...	...	...	...
19 .....	...	...	...	...	...	...	...
20 Prior to 1960..... number of projects...	16	1	2	2	1	1	2
21	55,496	640	10,590	12,463	758	3,000	3,161
DRAINAGE OPERATIONS, 1950-1959 ³							
22 Cost of drainage works and services..... projects reporting...	15	1	2	2	(4)	(4)	(4)
23	178,196	5,000	35,545	41,770	(4)	(4)	(4)
24 New drainage works constructed, enlarged, or installed..... projects reporting...	3	...	...	...	(4)	...	...
25	3,750	...	...	...	(4)	...	...
26 Open ditches..... projects reporting...	1	...	...	...	(4)	...	...
27	0.3	...	...	...	(4)	...	...
28 Tile or covered drains..... projects reporting...	1	...	...	...	...	...	...
29	0.4	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...
31 .....	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	1	...	...	...	...	...	...
33	1	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	1	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	14	1	2	2	...	(4)	(4)
36	174,446	5,000	35,545	41,770	...	(4)	(4)

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.⁴Included in State total only.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1960 data]

Item and Census year	Mesa	Montrose	Otero	Prowers	Rio Grande	Saguache	All other counties ¹
AREA							
1 Approximate land area.....acres 1960...	2,119,680	1,432,960	² 810,880	1,040,640	586,240	2,012,160	36,108,160
2 Land in farms.....acres 1959...	713,603	585,145	² 842,944	924,330	206,064	502,599	20,778,262
3 Drainage projects..... number 1960...	1	1	2	2	2	1	...
4 1950...	14	18	17	41	24	29	359
5 Total area in drainage projects ³ acres served 1960...	574	1,650	10,020	8,600	2,440	1,600	...
6 1950...	100,447	29,365	39,708	64,860	99,829	47,888	84,547
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	574	1,650	10,020	8,600	2,440	1,600	...
9 Drainage established before 1950..... acres served 1960...	574	1,650	10,020	8,600	2,440	1,600	...
10 Area added, 1950-1959..... acres served 1960...	...	...	...	...	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION							
12 Drains owned by one landowner..... number of projects...	...	...	...	1	1	...	...
13 acres served ⁴...	...	...	...	600	1,280	...	...
14 Cooperative or mutual drains..... number of projects...	...	1	...	...	...	...	...
15 acres served ⁴...	...	1,650	...	...	...	...	...
16 Legally organized public drains..... number of projects...	1	...	2	1	1	1	...
17 acres served ⁴ ...	574	...	10,020	8,000	1,160	1,600	...
PROJECTS, 1960, BY YEAR STARTED							
18 1950-1959..... number of projects...	...	...	...	...	...	...	...
19 acres served ⁴...	...	...	...	...	...	...	...
20 Prior to 1950..... number of projects...	1	1	2	2	2	1	...
21 acres served ⁴ ...	574	1,650	10,020	8,600	2,440	1,600	...
DRAINAGE OPERATIONS, 1950-1959⁵							
22 Cost of drainage works and services.....projects reporting...	1	...	2	(⁶)	(⁶)	1	...
23 dollars...	9,500	...	32,315	(⁶)	(⁶)	5,000	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	1	...	1	...	...	...	...
25 dollars...	2,500	...	750	...	...	...	...
26 Open ditches.....projects reporting...	...	...	...	...	...	...	...
27 length, miles...	...	...	...	...	...	...	...
28 Tile or covered drains.....projects reporting...	1	...	...	...	...	...	...
29 length, miles...	0.4	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	1	...	...	...	...	...	...
33 number of pumps...	1	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	1	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	...	2	(⁶)	(⁶)	1	...
36 dollars...	7,000	...	31,565	(⁶)	(⁶)	5,000	...

¹Includes Adams, Arapahoe, Archuleta, Bent, Boulder, Chaffee, Costilla, Custer, Delta, Denver, Dolores, Eagle, El Paso, Fremont, Garfield, Grand, Huerfano, Jackson, Jefferson, La Plata, Las Animas, Moffat, Montezuma, Morgan, Ouray, Pitkin, Pueblo, Rio Blanco, Routt, Summit, Washington, and Weld counties.
²The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.
³Land served by two or more projects counted only once.
⁴Acres served by two projects are included for each project. See text.
⁵Includes projects taken over by another project prior to 1960. See text.
⁶Included in State total only.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area.....acres...	1,265,920	1,265,920	1,265,920	1,257,600	1,257,600
Land in farms.....acres...	762,526	851,291	895,507	900,815	944,511
Drainage projects.....number...	60	¹ 2	287	...	...
Total area in drainage projects.....acres served...	356,702	352,547	395,014	...	...
Area not used for agriculture or not drained.....acres served...	15,780	NA	NA	...	...
Net area drained and used for agriculture.....acres served...	340,922	NA	² 394,164	...	...
Drainage established 10 years or more before Census date.....acres served...	340,066	NA	NA	...	...
Drainage established within 10 years of Census date.....acres served...	856	NA	NA	...	...
Area served by two or more projects.....acres served...	600	NA	458,548	...	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner.....number of projects...	...	(¹)	...	...	...
acres served...	...	(¹)	...	...	...
Cooperative or mutual drains.....number of projects...	1	(¹)	...	...	...
acres served...	780	(¹)	...	...	...
Legally organized public drains.....number of projects...	59	¹ 2	...	...	...
acres served...	340,742	¹ 352,547	395,014	...	...
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date.....number of projects...	50	NA	NA	...	...
acres served...	318,700	NA	280,632	...	...
Started within 10 years of Census date.....number of projects...	10	NA	NA	...	...
acres served...	22,822	NA	114,382	...	...
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services.....projects reporting...	48	2	NA	...	...
dollars...	476,944	173,300	NA	...	...
New drainage works constructed, enlarged, or installed.....projects reporting...	33	³ 1	NA	...	...
cost, dollars...	399,511	³ 3,326	NA	...	...
Open ditches.....projects reporting...	33	1	NA	...	...
length, miles...	215.7	2	NA	...	...
Tile or covered drains.....projects reporting...	...	...	NA	...	...
length, miles...	...	...	NA	...	...
Levees or dikes.....projects reporting...	...	...	NA	...	...
length, miles...	...	...	NA	...	...
Pumps.....projects reporting...	...	NA	NA	...	...
number of pumps...	...	NA	NA	...	...
Other (see text).....projects reporting...	...	NA	NA	...	...
Cost of maintenance, operation, repair, and administration.....projects reporting...	25	2	NA	...	...
dollars...	77,433	169,974	NA	...	...
STATUS ON CENSUS DATE					
Capital investment.....dollars...	NA	NA	454,883	...	...
Physical works:					
Open ditches.....length, miles...	NA	NA	1,482.3	...	...
Tile drains.....length, miles...	NA	NA	...	...	...
Levees and dikes.....length, miles...	NA	NA	...	...	...
Pumping units.....number of units...	NA	NA	...	...	...

NA Not available.

¹In 1950 all drains within a county were counted as one combined project. See text.

²Not fully comparable. See text.

³Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	60	341,522	1,200	59	340,666	2	856
2	500 to 999 acres.....	18	11,961	600	17	11,371	1	590
3	1,000 to 1,999 acres.....	24	31,948	...	24	31,682	1	266
4	2,000 to 4,999 acres.....	14	51,448	600	14	51,448	...	...
5	5,000 to 9,999 acres.....	1	6,346	...	1	6,346	...	...
6	10,000 to 19,999 acres.....	1	11,700	...	1	11,700	...	...
7	20,000 to 49,999 acres.....	...	...	...	...	...	...	...
8	50,000 to 99,999 acres.....	...	...	...	...	...	...	...
9	100,000 or more acres.....	12	228,119	...	2	228,119	...	...

¹The area within each county served by drains for which there is now no active management, was counted as one combined project. See text.

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	60	341,522	1,200	59	340,666	2	856
2	Drains owned by one landowner.....	...	...	...	...	...	...	...
3	Cooperative or mutual drains.....	1	780	...	1	780	...	...
4	Legally organized public drains.....	59	340,742	1,200	58	339,886	2	856

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	60	341,522	1,200	59	340,666	2	856
2	1950-1959.....	10	22,822	...	9	22,232	1	590
3	Prior to 1950.....	50	318,700	1,200	50	318,434	1	266

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year		The State	Kent	Sussex	Item and Census year		The State	Kent	Sussex
AREA					PROJECTS, 1960, BY YEAR STARTED				
1	Approximate land area.....acres 1960...	1,265,920	380,800	605,440	18	1950-1959.....number of projects...	10	3	7
2	Land in farms.....acres 1959...	762,526	251,934	380,942	19	acres served ² ..	22,822	8,996	13,826
3	Drainage projects.....number 1960...	60	7	53	20	Prior to 1950.....number of projects...	50	4	46
4	1950...	2	1	1	21	acres served ² ..	318,700	125,793	192,907
PROJECTS, 1960, BY TYPE OF ORGANIZATION					DRAINAGE OPERATIONS, 1950-1959 ³				
5	Total area in drainage projects ¹.....acres served 1960...	356,702	134,789	221,913	22	Cost of drainage works and services.....projects reporting...	48	6	42
6	1950...	352,547	133,129	219,418	23	dollars...	476,944	111,546	365,398
7	Area not used for agriculture or not drained.....acres served 1960...	15,780	...	15,780	24	New drainage works constructed, enlarged, or installed.....projects reporting...	33	6	27
8	Net area drained and used for agriculture.....acres served 1960...	340,922	134,789	206,133	25	dollars...	399,511	106,156	293,355
9	Drainage established before 1950.....acres served 1960...	340,066	134,789	205,277	26	Open ditches.....projects reporting...	33	6	27
10	Area added, 1950-1959.....acres served 1960...	856	...	856	27	length, miles...	215.7	45.6	170.1
11	Area served by two or more projects.....acres served 1960...	600	...	600	28	Tile or covered drains.....projects reporting...	...	...	...
					29	length, miles...	...	...	...
					30	Levees or dikes.....projects reporting...	...	...	...
					31	length, miles...	...	...	...
12	Drains owned by one landowner.....number of projects...	...	...	...	32	Pumps.....projects reporting...	...	...	...
13	acres served ²..	...	...	...	33	number of pumps...	...	...	...
14	Cooperative or mutual drains.....number of projects...	1	1	...	34	Other (see text).....projects reporting...	...	...	...
15	acres served ² ..	780	780	...	35	Cost of maintenance, operation, repair, and administration.....projects reporting...	25	2	23
16	Legally organized public drains.....number of projects...	59	6	53	36	dollars...	77,433	5,390	72,043
17	acres served ² ..	340,742	134,009	206,733					

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area.....acres...	34,721,280	34,727,680	34,727,680	35,111,040	35,111,040
Land in farms.....acres...	15,236,521	16,527,536	8,337,708	5,026,617	6,046,691
Drainage projects.....number...	516	1,889	101	NA	NA
Total area in drainage projects.....acres served...	9,222,517	6,083,676	5,699,022	5,954,934	1,637,073
Area not used for agriculture or not drained.....acres served...	4,367,190	NA	NA	NA	NA
Not area drained and used for agriculture.....acres served...	4,855,327	NA	¹ 614,220	¹ 398,200	NA
Drainage established 10 years or more before Census date.....acres served...	4,306,371	NA	NA	NA	NA
Drainage established within 10 years of Census date.....acres served...	548,956	NA	NA	NA	NA
Area served by two or more projects.....acres served...	1,353,192	1,103,349	764,424	1,418,693	122,868
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner.....number of projects...	388	² 122	NA	NA	NA
acres served...	1,836,408	² 385,291	22,640	105,533	118,890
Cooperative or mutual drains.....number of projects...	36	² 13	...	...	...
acres served...	274,431	² 118,476	...	...	...
Legally organized public drains.....number of projects...	92	² 103	NA	NA	NA
acres served...	4,237,652	² 5,430,151	5,676,382	5,849,401	1,518,183
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date.....number of projects...	319	² 107	NA	NA	NA
acres served...	5,520,054	² 5,432,410	5,678,886	5,438,486	6,970
Started within 10 years of Census date.....number of projects...	197	² 131	NA	NA	NA
acres served...	828,437	² 501,508	20,136	516,448	1,630,103
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services.....projects reporting...	450	² 207	NA	NA	NA
dollars...	91,627,636	18,602,511	NA	NA	NA
New drainage works constructed, enlarged, or installed.....projects reporting...	338	³ 63	NA	NA	NA
cost, dollars...	68,012,516	³ 2,707,207	NA	NA	NA
Open ditches.....projects reporting...	327	145	NA	NA	NA
length, miles...	10,554.6	2,263	NA	NA	NA
Tile or covered drains.....projects reporting...	9	4	NA	NA	NA
length, miles...	23.2	16	NA	NA	NA
Levees or dikes.....projects reporting...	119	97	NA	NA	NA
length, miles...	1,198.1	661	NA	NA	NA
Pumps.....projects reporting...	139	NA	NA	NA	NA
number of pumps...	548	NA	NA	NA	NA
Other (see text).....projects reporting...	28	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration.....projects reporting...	312	NA	NA	NA	NA
dollars...	23,615,120	15,895,304	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment.....dollars...	NA	NA	43,356,692	45,487,795	13,846,807
Physical works:					
Open ditches.....length, miles...	NA	NA	5,022.1	5,112.6	1,990.8
Tile drains.....length, miles...	NA	NA	...	...	...
Levees and dikes.....length, miles...	NA	NA	470.6	718.4	66.2
Pumping units.....number of units...	NA	² 354	68	37	NA

NA Not available.

¹Not fully comparable. See text.

²1950 figures exclude 1,651 projects and 149,758 acres in "irrigation enterprises."

³Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	516	6,348,491	2,846,356	398	5,783,196	152	565,295
2	500 to 999 acres.....	148	101,911	51,503	99	69,467	53	32,444
3	1,000 to 1,999 acres.....	109	147,268	69,044	78	103,931	40	43,337
4	2,000 to 4,999 acres.....	107	340,809	158,109	85	253,420	28	87,389
5	5,000 to 9,999 acres.....	66	473,168	158,720	57	372,429	15	100,739
6	10,000 to 19,999 acres.....	38	531,642	224,744	35	468,666	8	62,976
7	20,000 to 49,999 acres.....	31	851,598	290,451	28	768,398	4	83,200
8	50,000 to 99,999 acres.....	13	909,054	257,828	12	757,044	3	152,010
9	100,000 or more acres.....	4	2,993,041	1,635,957	4	2,989,841	1	3,200

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	516	6,348,491	2,846,356	398	5,783,196	152	565,295
2	Drains owned by one landowner.....	388	1,836,408	616,229	285	1,426,544	129	409,864
3	Cooperative or mutual drains.....	36	274,431	113,125	24	184,798	18	89,633
4	Legally organized public drains.....	92	4,237,652	2,117,002	89	4,171,854	5	65,798

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	516	6,348,491	2,846,356	398	5,783,196	152	565,295
2	1950-1959.....	197	828,437	321,438	79	326,869	132	501,568
3	Prior to 1950.....	319	5,520,054	2,524,918	319	5,456,327	20	63,727

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
450	91,627,636	338	68,012,516	327	10,554.6	9	23.2	119	1,198.1	139	548	28	1
133	2,728,241	100	1,226,231	96	1,004.6	4	2.6	29	115.4	37	86	4	2
98	2,657,519	80	1,344,155	79	1,702.7	1	0.1	24	114.9	36	89	8	3
95	5,432,495	81	2,996,804	79	1,999.4	3	20.4	37	249.2	36	129	5	4
54	4,040,408	31	1,778,360	31	934.6	1	0.1	13	90.7	12	32	2	5
32	4,921,366	21	2,156,192	20	674.4	...	...	6	85.0	7	136	4	6
23	6,705,785	16	2,955,627	14	1,529.0	...	...	7	82.8	6	21	...	7
11	6,347,074	7	2,701,107	6	2,390.9	...	...	2	52.0	4	31	4	8
4	58,794,748	2	52,854,040	2	319.0	...	...	1	408.1	1	24	1	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
450	91,627,636	338	68,012,516	327	10,554.6	9	23.2	119	1,198.1	139	548	28	1
351	20,403,349	296	12,781,246	292	9,564.4	7	23.0	110	763.3	123	492	21	2
29	795,766	23	485,027	21	173.4	2	0.2	7	25.7	6	9	4	3
70	70,428,521	19	54,746,243	14	816.8	...	...	2	409.1	10	47	3	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
450	91,627,636	338	68,012,516	327	10,554.6	9	23.2	119	1,198.1	139	548	28	1
197	8,318,425	189	6,316,478	187	5,306.0	4	20.3	59	333.0	56	174	18	2
253	83,309,211	149	61,696,038	140	5,248.6	5	2.9	60	865.1	83	374	10	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1.—DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Baker	Brevard	Broward	Charlotte	Collier	Dade	De Soto
AREA								
1 Approximate land area.....acres 1960...	34,721,280	374,400	660,480	779,520	451,200	1,300,480	1,314,560	459,520
2 Land in farms.....acres 1959...	15,236,521	43,662	264,457	80,821	235,056	316,424	128,550	294,261
3 Drainage projects..... number 1960...	516	2	14	25	6	5	9	24
4 1950...	1,889	2	93	55	14	5	16	65
5 Total area in drainage projects ¹ acres served 1960...	9,222,517	2,274	659,840	314,520	120,140	34,400	647,680	170,058
6 1950...	6,083,676	2,274	100,781	740,564	106,791	350,491	1,097,162	26,214
7 Area not used for agriculture or not drained..... acres served 1960...	4,367,190	...	478,322	140,520	2,200	...	376,680	2,720
8 Net area drained and used for agriculture..... acres served 1960...	4,855,327	2,274	181,518	174,000	117,940	34,400	271,000	167,338
9 Drainage established before 1950..... acres served 1960...	4,306,371	2,274	147,708	174,000	94,020	1,000	271,000	143,838
10 Area added, 1950-1959..... acres served 1960...	548,956	...	33,810	...	23,920	33,400	...	23,500
11 Area served by two or more projects..... acres served 1960...	1,353,192	...	...	89,204	...	...	271,000	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	388	2	11	20	5	5	4	16
13 acres served ² ...	1,836,408	2,274	116,410	29,949	114,300	24,400	23,493	142,688
14 Cooperative or mutual drains..... number of projects...	36	...	...	...	...	...	1	2
15 acres served ² ...	274,431	...	...	...	...	...	700	12,500
16 Legally organized public drains..... number of projects...	92	...	3	5	1	...	4	6
17 acres served ² ...	4,237,652	...	65,108	237,800	3,640	...	550,789	12,150
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	197	...	4	5	2	4	2	4
19 acres served ² ...	828,437	...	32,970	8,891	23,920	20,640	1,280	13,890
20 Prior to 1950..... number of projects...	319	2	10	20	4	1	7	20
21 acres served ² ...	5,520,054	2,274	148,548	258,858	94,020	13,760	573,702	153,448
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services..... projects reporting...	450	2	13	21	5	5	10	18
23 dollars...	91,627,636	(⁴)	5,003,057	6,914,162	36,500	96,222	5,038,389	210,500
24 New drainage works constructed, enlarged, or installed..... projects reporting...	338	2	10	15	3	5	5	15
25 dollars...	68,012,516	(⁴)	3,030,091	5,769,650	31,000	56,499	3,302,347	103,750
26 Open ditches..... projects reporting...	327	2	10	13	3	5	5	15
27 length, miles...	10,554.6	(⁴)	2,179.1	180.1	50.0	139.5	67.8	589.0
28 Tile or covered drains..... projects reporting...	9	...	1	...	...	...	...	...
29 length, miles...	23.2	...	2.0	...	...	...	...	...
30 Levees or dikes..... projects reporting...	119	...	7	6	...	2	3	...
31 length, miles...	1,198.1	...	84.6	63.8	...	33.0	16.8	...
32 Pumps..... projects reporting...	139	...	7	12	...	2	3	...
33 number of pumps...	548	...	29	34	...	14	5	...
34 Other (see text)..... projects reporting...	28	...	...	...	...	...	1	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	312	1	10	19	3	2	9	14
36 dollars...	23,615,120	(⁴)	1,972,966	1,144,512	5,500	39,723	1,736,042	106,750

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.⁴Included in State total only.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	Dixie	Duval	Flagler	Glades	Hardee	Hendry	Highlands	Hillsborough
AREA								
1 Approximate land area.....acres 1960...	440,320	497,280	309,120	477,440	403,200	759,680	666,240	¹ 665,600
2 Land in farms.....acres 1959...	168,944	78,130	172,620	332,397	325,717	641,483	415,854	¹ 773,468
3 Drainage projects..... number 1960...	3	1	3	33	13	36	34	23
4 1950...	1	3	14	17	239	11	21	140
5 Total area in drainage projects ² acres served 1960...	15,360	57,600	62,996	477,440	48,325	759,680	442,875	116,605
6 1950...	640	57,662	120,065	304,487	27,883	423,064	163,612	84,463
7 Area not used for agriculture or not drained..... acres served 1960...	...	3,720	27,191	267,846	...	376,182	107,352	13,300
8 Net area drained and used for agriculture..... acres served 1960...	15,360	53,880	35,805	209,594	48,325	383,498	335,523	103,305
9 Drainage established before 1950..... acres served 1960...	640	53,880	35,805	208,480	45,375	356,115	275,150	83,087
10 Area added, 1950-1959..... acres served 1960...	14,720	...	...	1,114	2,950	27,383	60,373	20,218
11 Area served by two or more projects..... acres served 1960...	...	...	...	119,242	...	120,844	125,601	4,550
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	...	...	27	6	25	28	14
13 acres served ³...	...	...	...	74,403	8,215	138,726	220,160	22,899
14 Cooperative or mutual drains..... number of projects...	2	...	...	1	5	4	4	1
15 acres served ³ ...	14,720	...	...	2,000	22,110	53,773	62,755	20,960
16 Legally organized public drains..... number of projects...	1	1	3	5	2	7	2	8
17 acres served ³ ...	640	53,880	35,805	268,227	18,000	321,873	216,901	63,996
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	2	...	...	12	3	23	16	13
19 acres served ³ ...	14,720	...	...	24,156	2,950	116,421	91,010	20,078
20 Prior to 1950..... number of projects...	1	1	3	21	10	13	18	10
21 acres served ³ ...	640	53,880	35,805	320,474	45,375	397,951	408,806	87,777
DRAINAGE OPERATIONS, 1950-1959 ⁴								
22 Cost of drainage works and services..... projects reporting...	3	...	1	34	5	37	33	18
23 dollars...	13,267	...	10,000	3,794,191	36,965	3,762,944	2,502,931	503,579
24 New drainage works constructed, enlarged, of installed..... projects reporting...	2	...	...	26	4	29	31	16
25 dollars...	11,800	...	...	2,857,054	27,865	2,911,096	1,863,935	308,579
26 Open ditches..... projects reporting...	2	...	...	25	4	29	31	16
27 length, miles...	7.9	...	...	604.0	45.5	451.0	777.3	217.0
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	1	...
29 length, miles...	...	...	...	...	...	...	0.1	...
30 Levees or dikes..... projects reporting...	...	...	...	13	...	17	11	1
31 length, miles...	...	...	...	92.4	...	123.5	71.5	3.0
32 Pumps..... projects reporting...	...	...	...	13	...	15	9	2
33 number of pumps...	...	...	...	29	...	37	27	8
34 Other (see text)..... projects reporting...	...	...	...	2	...	2	7	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	3	...	1	26	2	27	16	4
36 dollars...	1,467	...	10,000	937,137	9,100	851,848	638,996	195,000

¹The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Indian River	Lafayette	Lake	Lee	Levy	Manatee	Marion	Martin
AREA								
1 Approximate land area.....acres 1960...	327,040	347,520	637,440	503,040	705,920	440,320	1,034,880	357,760
2 Land in farms.....acres 1959...	197,751	107,549	329,186	142,509	307,766	252,812	538,857	126,618
3 Drainage projects..... number 1960...	17	1	15	20	3	16	1	45
4 1950...	188	...	23	74	...	292	4	13
5 Total area in drainage projects ¹ acres served 1960...	318,640	1,000	13,174	244,088	1,600	76,838	2,500	341,500
6 1950...	123,333	...	1,341	51,740	...	78,691	687	217,386
7 Area not used for agriculture or not drained..... acres served 1960...	180,796	...	...	129,030	...	1,820	...	123,744
8 Net area drained and used for agriculture..... acres served 1960...	137,844	1,000	13,174	115,058	1,600	75,018	2,500	217,756
9 Drainage established before 1950..... acres served 1960...	122,745	...	6,074	83,618	...	74,039	2,500	183,521
10 Area added, 1950-1959..... acres served 1960...	15,099	1,000	7,100	31,440	1,600	979	...	34,235
11 Area served by two or more projects..... acres served 1960...	29,580	...	...	...	...	1,150	...	109,889
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	13	1	13	16	2	1	1	40
13 acres served ² ...	67,519	1,000	11,074	83,770	1,100	365	2,500	156,802
14 Cooperative or mutual drains..... number of projects...	...	...	2	2	...	...	...	2
15 acres served ²...	...	...	2,100	8,640	...	...	...	21,220
16 Legally organized public drains..... number of projects...	4	...	...	2	1	15	...	3
17 acres served ² ...	99,905	...	...	22,648	500	75,803	...	158,903
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	6	1	8	3	3	1	...	26
19 acres served ² ...	10,860	1,000	4,900	31,440	1,600	979	...	72,716
20 Prior to 1950..... number of projects...	11	...	7	17	...	15	1	19
21 acres served ² ...	156,564	...	8,274	83,618	...	75,189	2,500	264,209
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services..... projects reporting...	16	1	14	14	3	13	1	43
23 dollars...	1,758,101	(⁴)	241,700	340,271	14,100	333,447	(⁴)	2,982,443
24 New drainage works constructed, enlarged, or installed..... projects reporting...	9	1	14	8	3	1	1	41
25 dollars...	362,200	(⁴)	170,240	120,915	11,750	2,500	(⁴)	2,052,065
26 Open ditches..... projects reporting...	9	1	14	8	3	1	1	41
27 length, miles...	173.0	(⁴)	140.5	81.5	7.1	2.0	(⁴)	1,571.9
28 Tile or covered drains..... projects reporting...	...	...	1	4	...	...	...	...
29 length, miles...	...	...	0.1	20.7	...	...	...	...
30 Levees or dikes..... projects reporting...	5	...	8	4	1	...	1	19
31 length, miles...	52.0	...	21.3	19.0	1.5	...	(⁴)	142.8
32 Pumps..... projects reporting...	6	...	7	1	1	...	...	12
33 number of pumps...	24	...	10	7	1	...	...	130
34 Other (see text)..... projects reporting...	...	...	...	1	...	...	...	7
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	12	1	10	10	3	12	1	25
36 dollars...	1,395,901	(⁴)	71,460	219,356	2,350	330,947	(⁴)	930,378

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.⁴Included in State total only.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Monroe	Nassau	Okeechobee	Orange	Osceola	Palm Beach	Pasco	Pinellas
AREA								
1 Approximate land area..... acres 1960...	636,160	416,000	499,200	586,240	848,000	1,265,920	480,640	168,960
2 Land in farms..... acres 1959...	904	87,225	367,832	349,007	814,959	372,408	309,807	57,052
3 Drainage projects..... number 1960...	1	2	15	10	21	84	8	1
4 1950...	1	2	3	19	7	167	8	12
5 Total area in drainage projects ¹ acres served 1960...	126,400	12,020	499,200	372,380	848,000	1,097,920	17,400	168,960
6 1950...	115,200	11,523	85,700	10,372	105	1,133,278	20,310	29,097
7 Area not used for agriculture or not drained..... acres served 1960...	126,400	...	382,362	305,600	680,085	199,200	...	81,160
8 Not area drained and used for agriculture..... acres served 1960...	(²)	12,020	116,838	66,780	167,915	898,720	17,400	87,800
9 Drainage established before 1950..... acres served 1960...	...	11,520	112,241	62,300	92,600	898,720	16,800	28,800
10 Area added, 1950-1959..... acres served 1960...	...	500	4,597	4,480	75,315	...	600	59,000
11 Area served by two or more projects..... acres served 1960...	...	...	13,940	...	...	383,133	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	1	13	7	19	66	7	...
13 acres served ³...	...	500	77,938	7,120	167,315	163,506	16,750	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	...	1	4	...	...
15 acres served ³...	...	...	...	...	600	7,080	...	...
16 Legally organized public drains..... number of projects...	1	1	2	3	1	14	1	1
17 acres served ³ ...	(²)	11,520	54,980	59,660	...	1,132,072	650	87,800
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	...	1	9	6	11	15	1	1
19 acres served ³...	...	500	14,477	6,080	67,200	90,436	600	87,800
20 Prior to 1950..... number of projects...	1	1	6	4	10	69	7	...
21 acres served ³ ...	(²)	11,520	118,441	60,700	100,715	1,212,222	16,800	...
DRAINAGE OPERATIONS, 1950-1959 ⁴								
22 Cost of drainage works and services..... projects reporting...	1	1	16	8	21	77	5	1
23 dollars...	11,500	(⁵)	307,396	571,388	1,005,910	51,189,151	40,439	512,000
24 New drainage works constructed, enlarged, or installed..... projects reporting...	...	1	11	6	16	39	4	1
25 dollars...	...	(⁵)	92,423	32,558	664,238	42,250,732	14,237	75,000
26 Open ditches..... projects reporting...	...	1	11	6	16	31	4	1
27 length, miles...	...	(⁵)	126.7	36.6	1,452.3	711.3	7.5	33.0
28 Tile or covered drains..... projects reporting...	...	...	...	...	3	...	...	...
29 length, miles...	...	...	...	...	0.3	...	...	...
30 Levees or dikes..... projects reporting...	...	...	2	...	7	11	2	...
31 length, miles...	...	...	11.0	...	16.0	382.3	12.1	...
32 Pumps..... projects reporting...	...	...	3	...	6	32	...	...
33 number of pumps...	...	...	5	...	31	127	...	...
34 Other (see text)..... projects reporting...	...	...	2	...	1	8	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	1	1	11	3	16	74	2	1
36 dollars...	11,500	(⁵)	214,973	538,830	341,672	8,938,419	26,202	437,000

¹Land served by two or more projects counted only once.
²Intercounty project with no benefited land in this county in 1960. See text.
³Acres served by two projects are included for each project. See text.
⁴Includes projects taken over by another project prior to 1960. See text.
⁵Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Polk	Putnam	St. Johns	St. Lucie	Sarasota	Seminole	Sumter	Volusia	All other counties ¹
AREA									
1 Approximate land area.....acres 1960...	1,191,040	513,920	389,760	376,320	338,560	205,440	359,040	713,600	1,591,040
2 Land in farms.....acres 1959...	1,060,384	222,516	91,308	306,293	165,648	210,908	197,513	262,897	777,638
3 Drainage projects..... number 1960...	21	9	4	13	11	3	9	4	...
4 1950...	61	16	50	165	47	43	8	10	17
5 Total area in drainage projects ² acres served 1960...	412,127	46,687	16,655	376,320	91,210	56,540	62,297	89,268	...
6 1950...	133,575	61,394	24,137	184,035	77,599	13,534	24,876	78,205	1,405
7 Area not used for agriculture or not drained..... acres served 1960...	245,480	...	...	34,800	7,500	46,300	...	26,880	...
8 Net area drained and used for agriculture..... acres served 1960...	166,647	46,687	16,655	341,520	83,710	10,240	62,297	62,388	...
9 Drainage established before 1950..... acres served 1960...	129,283	42,437	15,526	341,520	65,480	10,240	51,647	62,388	...
10 Area added, 1950-1959..... acres served 1960...	37,364	4,250	1,129	...	18,230	...	10,650	...	...
11 Area served by two or more projects..... acres served 1960...	3,360	...	...	79,009	2,690	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	13	3	2	10	7	...	6	...	...
13 acres served ³ ...	78,408	3,040	1,129	33,310	20,920	...	14,425	...	...
14 Cooperative or mutual drains..... number of projects...	1	2	...	...	1	...	1	1	...
15 acres served ³ ...	8,960	3,775	...	...	29,000	...	3,000	538	...
16 Legally organized public drains..... number of projects...	7	4	2	3	3	3	2	3	...
17 acres served ³ ...	83,303	39,872	15,526	392,259	36,480	10,240	44,872	61,850	...
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959..... number of projects...	4	4	2	...	7	...	5	...	...
19 acres served ³ ...	32,364	4,890	1,129	...	20,920	...	7,620	...	...
20 Prior to 1950..... number of projects...	17	5	2	13	4	3	4	4	...
21 acres served ³ ...	138,307	41,797	15,526	425,569	65,480	10,240	54,677	62,388	...
DRAINAGE OPERATIONS, 1950-1959 ⁴									
22 Cost of drainage works and services.....projects reporting...	13	7	4	13	8	3	7	3	...
23 dollars...	524,894	94,517	193,319	2,486,566	730,608	55,750	43,539	55,590	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	6	5	3	10	7	...	7	...	...
25 dollars...	367,400	51,462	32,800	892,483	442,608	...	42,239	...	...
26 Open ditches.....projects reporting...	6	5	3	8	7	...	7	...	...
27 length, miles...	47.8	47.1	14.1	185.5	530.0	...	59.0	...	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	3	...	...	1	...	...	...	...	...
31 length, miles...	13.5	...	...	35.0	...	...	...	...	...
32 Pumps.....projects reporting...	2	...	...	7	...	...	1	...	...
33 number of pumps...	4	...	...	25	...	...	1	...	...
34 Other (see text).....projects reporting...	...	1	...	2	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	9	3	2	12	1	3	1	3	...
36 dollars...	157,494	43,055	160,519	1,594,083	288,000	55,750	1,300	55,590	...

¹Includes Alachua, Clay, Gadsden, and Hernando counties.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	37,295,360	37,429,120	37,451,520	37,584,000	37,584,000
Land in farms..... acres...	19,657,615	25,751,055	23,683,631	22,078,630	25,441,061
Drainage projects..... number...	22	55	52	NA	NA
Total area in drainage projects..... acres served...	94,728	96,259	84,374	84,255	65,452
Area not used for agriculture or not drained..... acres served...	1,500	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	93,228	NA	¹ 83,874	¹ 63,865	NA
Drainage established 10 years or more before Census date..... acres served...	67,982	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	25,246	NA	NA	NA	NA
Area served by two or more projects..... acres served...	7,621	...	...	...	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	11	10	NA	NA	...
acres served...	12,847	9,569	3,700	9,000	...
Cooperative or mutual drains..... number of projects...	17	10	...	...	1
acres served...	24,325	17,205	...	...	10,000
Legally organized public drains..... number of projects...	24	35	NA	NA	NA
acres served...	64,682	69,485	80,674	75,255	55,452
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	38	39	NA	NA	NA
acres served...	67,321	72,771	84,374	74,097	10,000
Started within 10 years of Census date..... number of projects...	14	16	...	NA	NA
acres served...	34,533	23,488	...	10,158	55,452
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	23	22	NA	NA	NA
dollars...	118,012	132,354	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	21	² 22	NA	NA	NA
cost, dollars...	109,012	² 107,104	NA	NA	NA
Open ditches..... projects reporting...	21	22	NA	NA	NA
length, miles...	52.4	115	NA	NA	NA
Tile or covered drains..... projects reporting...	1	1	NA	NA	NA
length, miles...	7.8	2	NA	NA	NA
Levees or dikes..... projects reporting...	...	...	NA	NA	NA
length, miles...	...	...	NA	NA	NA
Pumps..... projects reporting...	...	NA	NA	NA	NA
number of pumps...	...	NA	NA	NA	NA
Other (see text)..... projects reporting...	...	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	3	NA	NA	NA	NA
dollars...	9,000	25,250	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	2,064,840	1,918,525	794,585
Physical works:					
Open ditches..... length, miles...	NA	NA	550.3	496.9	276.8
Tile drains..... length, miles...	NA	NA	2.0	40.0	...
Levees and dikes..... length, miles...	NA	NA	5.0	...	...
Pumping units..... number of units...	NA	...	NA	4	...

NA Not available.

¹Not fully comparable. See text.

²Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	52	101,854	16,247	42	76,608	18	25,246
2 500 to 999 acres.....	21	14,172	3,115	18	12,117	5	2,055
3 1,000 to 1,999 acres.....	18	26,533	3,495	14	19,159	8	7,374
4 2,000 to 4,999 acres.....	10	28,613	2,016	7	18,106	4	10,507
5 5,000 to 9,999 acres.....	1	9,846	...	1	9,846	...	...
6 10,000 to 19,999 acres.....	2	22,690	7,621	2	17,380	1	5,310
7 20,000 to 49,999 acres.....	...	...	...	...	...	...	...
8 50,000 to 99,999 acres.....	...	...	...	...	...	...	...
9 100,000 or more acres.....	...	...	...	...	...	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	52	101,854	16,247	42	76,608	18	25,246
2 Drains owned by one landowner.....	11	12,847	1,980	7	7,877	4	4,970
3 Cooperative or mutual drains.....	17	24,325	6,646	13	14,412	10	9,913
4 Legally organized public drains.....	24	64,682	7,621	22	54,319	4	10,363

State Table 4.—DRAINAGE PROJECTS, 1960,

Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	52	101,854	16,247	42	76,608	18	25,246
2 1960-1959.....	14	34,533	11,182	4	10,676	14	23,857
3 Prior to 1960.....	38	67,321	5,065	38	65,932	4	1,389

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
23	118,012	21	109,012	21	52.4	1	7.8	...	...	...	...	...	1
8	25,550	7	18,300	7	10.4	...	...	...	...	...	...	...	2
9	36,189	8	34,439	8	23.4	...	...	...	...	...	...	...	3
5	42,773	5	42,773	5	16.4	1	7.8	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	5
1	13,500	1	13,500	1	2.2	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
23	118,012	21	109,012	21	52.4	1	7.8	...	...	...	...	...	1
6	25,845	6	20,845	6	14.0	...	...	...	...	...	...	...	2
13	64,967	11	60,967	11	28.2	1	7.8	...	...	...	...	...	3
4	27,200	4	27,200	4	10.2	...	...	...	...	...	...	...	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
23	118,012	21	109,012	21	52.4	1	7.8	...	...	...	...	...	1
14	56,858	14	56,858	14	36.6	...	...	...	...	...	...	...	2
9	61,154	7	52,154	7	15.8	1	7.8	...	...	...	...	...	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Banks	Barrow	Bryan	Coweta	Evans	Franklin	Glynn
AREA								
1 Approximate land area.....acres 1960...	37,295,360	147,840	109,440	280,960	283,520	119,040	172,160	270,720
2 Land in farms.....acres 1959...	19,657,615	74,998	66,689	42,753	140,108	80,545	116,670	29,129
3 Drainage projects..... number 1960...	52	2	2	3	1	2	5	4
4 1950...	55	5	3	2	1	1	5	1
5 Total area in drainage projects ¹ acres served 1960...	94,728	880	933	3,064	3,389	970	23,479	8,997
6 1950...	96,259	3,697	2,028	2,264	3,389	450	23,479	1,686
7 Area not used for agriculture or not drained..... acres served 1960...	1,500	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	93,228	880	933	3,064	3,389	970	23,479	8,997
9 Drainage established before 1950..... acres served 1960...	67,982	880	933	2,764	3,389	450	23,479	...
10 Area added, 1950-1959..... acres served 1960...	25,246	...	...	300	...	520	...	8,997
11 Area served by two or more projects..... acres served 1960...	7,621	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	11	...	...	1	...	2	...	...
13 acres served ² ...	12,847	...	...	500	...	970	...	...
14 Cooperative or mutual drains..... number of projects...	17	...	1	...	...	...	...	2
15 acres served ² ...	24,325	...	305	...	...	...	...	4,244
16 Legally organized public drains..... number of projects...	24	2	1	2	1	...	5	2
17 acres served ² ...	64,682	880	628	2,564	3,389	...	23,479	4,753
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	14	...	...	...	...	1	...	4
19 acres served ² ...	34,533	...	...	...	...	520	...	8,997
20 Prior to 1950..... number of projects...	38	2	2	3	1	1	5	...
21 acres served ² ...	67,321	880	933	3,064	3,389	450	23,479	...
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services.....projects reporting...	23	...	(⁴)	2	...	(⁴)	...	4
23 dollars...	118,012	...	(⁴)	22,500	...	(⁴)	...	11,713
24 New drainage works constructed, enlarged, or installed.....projects reporting...	21	...	...	2	...	(⁴)	...	4
25 dollars...	109,012	...	...	17,500	...	(⁴)	...	11,713
26 Open ditches.....projects reporting...	21	...	...	2	...	(⁴)	...	4
27 length, miles...	52.4	...	...	3.2	...	(⁴)	...	9.0
28 Tile or covered drains.....projects reporting...	1	...	...	...	...	...	...	...
29 length, miles...	7.8	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	3	...	(⁴)	1	...	...	...	...
36 dollars...	9,000	...	(⁴)	5,000	...	...	...	...

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.⁴Included in State total only.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Greene	Gwinnett	Hall	Harris	Hart	Jackson	Liberty	Madison
AREA								
1 Approximate land area.....acres 1960...	257,920	279,040	250,880	297,600	164,480	215,680	326,400	179,840
2 Land in farms.....acres 1959...	129,951	118,695	113,056	116,359	103,563	133,709	88,424	110,742
3 Drainage projects..... number 1960...	3	2	1	1	2	1	2	1
4 1950...	3	3	1	...	2	2	...	1
5 Total area in drainage projects ¹ acres served 1960...	2,898	2,541	700	2,000	3,509	400	3,300	639
6 1950...	2,898	2,668	700	...	3,509	950	...	639
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	2,898	2,541	700	2,000	3,509	400	3,300	639
9 Drainage established before 1950..... acres served 1960...	2,898	2,541	700	2,000	3,509	400	...	639
10 Area added, 1950-1959..... acres served 1960...	...	...	...	...	...	...	3,300	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	...	...	1	...	...	2	...
13 acres served ²...	...	...	...	2,000	...	...	3,300	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	...	...	1	...	...
15 acres served ²...	...	...	...	...	...	400	...	...
16 Legally organized public drains..... number of projects...	3	2	1	...	2	...	...	1
17 acres served ² ...	2,898	2,541	700	...	3,509	...	...	639
PROJECTS, 1960, BY YEAR STARTED								
18 1960-1959..... number of projects...	...	...	...	...	...	...	2	...
19 acres served ²...	...	...	...	...	...	...	3,300	...
20 Prior to 1960..... number of projects...	3	2	1	1	2	1	...	1
21 acres served ² ...	2,898	2,541	700	2,000	3,509	400	...	639
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services.....projects reporting...	...	...	...	...	...	(⁴)	(⁴)	...
23 dollars...	...	...	...	...	...	(⁴)	(⁴)	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	...	...	...	...	...	(⁴)	...
25 dollars...	...	...	...	...	...	...	(⁴)	...
26 Open ditches.....projects reporting...	...	...	...	...	...	...	(⁴)	...
27 length, miles...	...	...	...	...	...	...	(⁴)	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	...	...	...	...	...	(⁴)	...	...
36 dollars...	...	...	...	...	...	(⁴)	...	...

¹Land served by two or more projects counted only once.

²Acres served by two projects are included for each project. See text.

³Includes projects taken over by another project prior to 1960. See text.

⁴Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Miller	Morgan	Newton	Oglethorpe	Putnam	Rabun	Screven	Seminole
AREA								
1 Approximate land area.....acres 1960...	183,680	228,480	174,720	276,480	218,240	236,160	416,640	162,560
2 Land in farms.....acres 1959...	149,057	155,243	97,564	124,392	96,227	31,604	304,009	126,945
3 Drainage projects..... number 1960...	4	1	1	1	1	1	2	14
4	1950...	1	1	3	2	1	1	2
5 Total area in drainage projects ¹ acres served 1960...	1,685	2,200	752	45	200	2,500	2,316	18,205
6	1950...	145	2,200	2,046	692	200	2,500	14,635
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	500	...	...	...	...	1,000
8 Net area drained and used for agriculture..... acres served 1960...	1,685	2,200	252	45	200	2,500	2,316	17,205
9 Drainage established before 1960..... acres served 1960...	145	2,200	252	45	200	2,500	1,756	9,170
10 Area added, 1950-1959..... acres served 1960...	1,540	...	...	...	...	...	560	8,035
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...	7,621
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	1	...	...	...	...	...	...	4
13	acres served ² ...	145	...	...	...	...	...	3,130
14 Cooperative or mutual drains..... number of projects...	3	...	...	...	...	1	2	9
15	acres served ² ...	1,540	...	...	...	2,500	2,316	10,276
16 Legally organized public drains..... number of projects...	...	1	1	1	1	...	...	1
17	acres served ² ...	2,200	252	45	200	...	...	12,425
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	3	...	...	...	...	...	...	6
19	acres served ² ...	1,540	...	...	...	...	...	18,711
20 Prior to 1950..... number of projects...	1	1	1	1	1	1	2	8
21	acres served ² ...	145	2,200	252	45	200	2,316	7,120
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services..... projects reporting...	3	...	...	...	...	(⁴)	2	7
23	dollars...	5,620	...	...	...	(⁴)	3,500	28,625
24 New drainage works constructed, enlarged, or installed..... projects reporting...	3	...	...	...	...	(⁴)	2	6
25	dollars...	5,620	...	...	...	(⁴)	3,500	26,875
26 Open ditches..... projects reporting...	3	...	...	...	...	(⁴)	2	6
27	length, miles...	3.0	...	...	...	(⁴)	7.0	11.9
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	(⁴)	...	...
29	length, miles...	...	...	...	...	(⁴)	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...
31	length, miles...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...
33	number of pumps...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	...	...	...	...	...	...	...	1
36	dollars...	...	...	...	...	...	...	1,750

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.⁴Included in State total only.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Spalding	Stephens	Tattnall	Walton	Ware	Wayne	All other counties ¹
AREA							
1 Approximate land area.....acres 1960...	128,640	115,200	315,520	211,200	583,680	413,440	1,965,440
2 Land in farms.....acres 1969...	72,907	42,323	201,055	139,695	134,969	119,955	1,060,917
3 Drainage projects..... number 1960...	1	2	1	1	2	1	...
4 1950...	1	2	1	3	1	1	17
5 Total area in drainage projects ² acres served 1960...	650	2,280	2,252	650	2,744	550	...
6 1950...	650	2,280	2,252	3,111	750	550	14,135
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	650	2,280	2,252	650	2,744	550	...
9 Drainage established before 1950..... acres served 1960...	650	2,200	2,252	650	750	550	...
10 Area added, 1950-1959..... acres served 1960...	...	...	...	...	1,994	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION							
12 Drains owned by one landowner..... number of projects...	...	...	1	...	...	1	...
13 acres served ³...	...	...	2,252	...	...	550	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	...	2	...	...
15 acres served ³...	...	...	...	...	2,744	...	...
16 Legally organized public drains..... number of projects...	1	2	...	1	...	...	...
17 acres served ³ ...	650	2,280	...	650	...	...	...
PROJECTS, 1960, BY YEAR STARTED							
18 1950-1959..... number of projects...	...	...	...	...	1	...	...
19 acres served ³...	...	...	...	...	1,465	...	...
20 Prior to 1950..... number of projects...	1	2	1	1	1	1	...
21 acres served ³ ...	650	2,280	2,252	650	1,279	550	...
DRAINAGE OPERATIONS, 1950-1959 ⁴							
22 Cost of drainage works and services..... projects reporting...	...	...	...	...	2	(⁵)	...
23 dollars...	...	...	...	...	13,294	(⁵)	...
24 New drainage works constructed, enlarged, or installed..... projects reporting...	...	...	...	...	2	(⁵)	...
25 dollars...	...	...	...	...	13,294	(⁵)	...
26 Open ditches..... projects reporting...	...	...	...	...	2	(⁵)	...
27 length, miles...	...	...	...	...	5.5	(⁵)	...
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	...	...	...	...	...	...	...
36 dollars...	...	...	...	...	...	...	...

¹Includes Bartow, Cherokee, Clarke, Clayton, Cobb, Fayette, Henry, Oconee, Paulding, and Thomas counties.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

⁵Included in State total only.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	52,933,120	52,972,160	52,997,120	53,346,560	53,346,560
Land in farms..... acres...	15,232,401	13,224,192	10,297,745	9,346,908	8,375,873
Drainage projects..... number...	33	379	50	NA	NA
Total area in drainage projects..... acres served...	130,982	436,171	659,136	375,464	64,642
Area not used for agriculture or not drained..... acres served...	20,000	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	110,982	NA	¹ 650,135	¹ 362,303	NA
Drainage established 10 years or more before Census date..... acres served...	110,118	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	864	NA	NA	NA	NA
Area served by two or more projects..... acres served...	...	...	15,396	...	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	5	² 4	NA	NA	NA
acres served...	4,074	² 3,210	² 2,492	² 1,850	² 560
Cooperative or mutual drains..... number of projects...	3	² 3	...	...	...
acres served...	4,362	² 5,195	...	...	...
Legally organized public drains..... number of projects...	25	² 37	NA	NA	NA
acres served...	102,546	² 135,172	² 123,753	² 118,645	² 16,082
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	32	² 32	NA	NA	...
acres served...	110,278	² 129,331	630,471	305,029	...
Started within 10 years of Census date..... number of projects...	1	² 12	NA	NA	NA
acres served...	704	² 14,246	28,665	70,435	64,642
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	29	² 44	NA	NA	NA
dollars...	2,011,573	906,297	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	16	³ 12	NA	NA	NA
cost, dollars...	200,332	³ 132,962	NA	NA	NA
Open ditches..... projects reporting...	11	19	NA	NA	NA
length, miles...	38.6	59	NA	NA	NA
Tile or covered drains..... projects reporting...	1	2	NA	NA	NA
length, miles...	2.5	2	NA	NA	NA
Levees or dikes..... projects reporting...	5	4	NA	NA	NA
length, miles...	8.6	8	NA	NA	NA
Pumps..... projects reporting...	11	NA	NA	NA	NA
number of pumps...	18	NA	NA	NA	NA
Other (see text)..... projects reporting...	1	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	29	NA	NA	NA	NA
dollars...	1,811,241	773,335	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	7,567,032	5,112,444	1,668,569
Physical works:					
Open ditches..... length, miles...	NA	NA	968.1	651.2	274.5
Tile drains..... length, miles...	NA	NA	174.6	19.9	1.8
Levees and dikes..... length, miles...	NA	NA	95.4	74.8	9.5
Pumping units..... number of units...	NA	² 54	73	37	6

NA Not available.

¹Not fully comparable. See text.²1950 figures exclude 335 projects and 292,594 acres in "irrigation enterprises"; 1940 figures exclude 532,891 acres in "irrigation enterprises"; 1930 figures exclude 254,969 acres in "irrigation enterprises"; 1920 figures exclude 48,000 acres in "irrigation enterprises."³Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	33	110,982	...	32	110,118	2	864
2	500 to 999 acres.....	11	8,075	...	10	7,371	1	704
3	1,000 to 1,999 acres.....	9	12,214	...	9	12,054	1	160
4	2,000 to 4,999 acres.....	9	30,656	...	9	30,656	...	...
5	5,000 to 9,999 acres.....	2	11,988	...	2	11,988	...	...
6	10,000 to 19,999 acres.....	...	...	...	...	...	...	...
7	20,000 to 49,999 acres.....	2	48,049	...	2	48,049	...	...
8	50,000 to 99,999 acres.....	...	...	...	...	...	...	...
9	100,000 or more acres.....	...	...	...	...	...	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	33	110,982	...	32	110,118	2	864
2	Drains owned by one landowner.....	5	4,074	...	4	3,210	2	864
3	Cooperative or mutual drains.....	3	4,362	...	3	4,362	...	...
4	Legally organized public drains.....	25	102,546	...	25	102,546	...	...

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	33	110,982	...	32	110,118	2	864
2	1950-1959.....	1	704	...	...	...	1	704
3	Prior to 1950.....	32	110,278	...	32	110,118	1	160

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
29	2,011,573	16	200,332	11	38.6	1	2.5	5	8.6	11	18	1	1
9	228,435	5	64,795	3	13.7	...	...	3	5.5	4	6	...	2
8	530,608	7	57,078	5	13.6	...	...	2	3.1	5	7	...	3
8	825,923	3	54,709	2	4.3	...	...	...	...	2	5	1	4
2	185,621	...	...	...	...	...	...	...	...	...	...	...	5
...	...	...	...	...	...	...	...	...	...	...	...	...	6
2	240,986	1	23,750	1	7.0	1	2.5	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
29	2,011,573	16	200,332	11	38.6	1	2.5	5	8.6	11	18	1	1
5	127,117	4	49,000	4	16.3	...	...	3	3.1	2	3	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	3
24	1,884,456	12	151,332	7	22.3	1	2.5	2	5.5	9	15	1	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
29	2,011,573	16	200,332	11	38.6	1	2.5	5	8.6	11	18	1	1
1	34,300	1	28,000	1	8.7	...	...	1	0.5	1	2	...	2
28	1,977,273	15	172,332	10	29.9	1	2.5	4	8.1	10	16	1	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Ada	Benewah	Bonner	Boundary	Canyon
AREA						
1 Approximate land area.....acres 1960...	52,933,120	666,880	506,240	1,107,840	816,000	371,200
2 Land in farms.....acres 1959...	15,232,401	314,976	202,523	240,592	115,206	352,382
3 Drainage projects..... number 1960...	33	2	4	1	16	2
4 1950...	379	45	4	2	16	58
5 Total area in drainage projects ¹ acres served 1960...	130,982	21,661	3,223	1,474	33,010	13,380
6 1950...	436,171	74,821	3,223	1,574	32,920	149,956
7 Area not used for agriculture or not drained..... acres served 1960...	20,000	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	110,982	21,661	3,223	1,474	33,010	13,380
9 Drainage established before 1950..... acres served 1960...	110,118	21,661	3,223	1,474	32,850	13,380
10 Area added, 1950-1959..... acres served 1960...	864	...	...	...	160	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION						
12 Drains owned by one landowner..... number of projects...	5	...	2	...	1	...
13 acres served ² ..	4,074	...	1,810	...	1,060	...
14 Cooperative or mutual drains..... number of projects...	3	...	...	...	...	...
15 acres served ² ..	4,362	...	...	...	...	...
16 Legally organized public drains..... number of projects...	25	2	2	1	15	2
17 acres served ² ..	102,546	21,661	1,413	1,474	31,950	13,380
PROJECTS, 1960, BY YEAR STARTED						
18 1950-1959..... number of projects...	1	...	...	...	...	...
19 acres served ² ..	704	...	...	...	...	...
20 Prior to 1950..... number of projects...	32	2	4	1	16	2
21 acres served ² ..	110,278	21,661	3,223	1,474	33,010	13,380
DRAINAGE OPERATIONS, 1950-1959³						
22 Cost of drainage works and services..... projects reporting...	29	2	4	1	16	2
23 dollars...	2,011,573	155,517	85,807	1,800	1,550,122	86,219
24 New drainage works constructed, enlarged, or installed..... projects reporting...	16	...	3	...	9	...
25 dollars...	200,332	...	35,000	...	104,873	...
26 Open ditches..... projects reporting...	11	...	2	...	5	...
27 length, miles...	38.6	...	8.0	...	12.6	...
28 Tile or covered drains..... projects reporting...	1	...	...	...	...	...
29 length, miles...	2.5	...	...	...	...	...
30 Levees or dikes..... projects reporting...	5	...	1	...	2	...
31 length, miles...	8.6	...	3.0	...	3.1	...
32 Pumps..... projects reporting...	11	...	2	...	8	...
33 number of pumps...	18	...	3	...	13	...
34 Other (see text)..... projects reporting...	1	...	...	...	1	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	29	2	4	1	16	2
36 dollars...	1,811,241	155,517	50,807	1,800	1,445,249	86,219

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Franklin	Gem	Kootenai	Madison	Owyhee	Payette	All other counties ¹
AREA							
1 Approximate land area.....acres 1960...	426,880	² 355,200	803,840	² 302,720	4,888,960	257,920	24,728,960
2 Land in farms.....acres 1959...	275,447	² 363,029	268,643	² 357,361	690,055	194,450	8,555,728
3 Drainage projects..... number 1960...	3	1	2	1	1	1	...
4 1950...	33	29	1	3	10	47	148
5 Total area in drainage projects ³ acres served 1960...	2,782	6,800	1,204	3,000	40,000	4,448	...
6 1950...	11,906	25,714	500	3,150	19,514	43,883	69,010
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	20,000	...	...
8 Net area drained and used for agriculture..... acres served 1960...	2,782	6,800	1,204	3,000	20,000	4,448	...
9 Drainage established before 1950..... acres served 1960...	2,782	6,800	500	3,000	20,000	4,448	...
10 Area added, 1950-1959..... acres served 1960...	...	...	704	...	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION							
12 Drains owned by one landowner..... number of projects...	...	...	2	...	...	...	...
13 acres served ⁴..	...	...	1,204	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	2	...	...	1	...	...	...
15 acres served ⁴ ..	1,362	...	...	3,000	...	...	...
16 Legally organized public drains..... number of projects...	1	1	...	...	1	1	...
17 acres served ⁴ ..	1,420	6,800	...	...	20,000	4,448	...
PROJECTS, 1960, BY YEAR STARTED							
18 1950-1959..... number of projects...	...	...	1	...	...	...	...
19 acres served ⁴..	...	...	704	...	...	...	...
20 Prior to 1950..... number of projects...	3	1	1	1	1	1	...
21 acres served ⁴ ..	2,782	6,800	500	3,000	20,000	4,448	...
DRAINAGE OPERATIONS, 1950-1959 ⁵							
22 Cost of drainage works and services.....projects reporting...	...	1	(6)	...	1	1	...
23 dollars...	...	18,200	(6)	...	32,750	34,858	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	...	(6)	...	1	1	...
25 dollars...	...	...	(6)	...	23,750	2,709	...
26 Open ditches.....projects reporting...	...	...	(6)	...	1	1	...
27 length, miles...	...	...	(6)	...	7.0	0.3	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	1	...	...
29 length, miles...	...	...	...	...	2.5	...	...
30 Levees or dikes.....projects reporting...	...	...	(6)	...	...	...	...
31 length, miles...	...	...	(6)	...	...	...	...
32 Pumps.....projects reporting...	...	...	(6)	...	...	...	...
33 number of pumps...	...	...	(6)	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	...	1	(6)	...	1	1	...
36 dollars...	...	18,200	(6)	...	9,000	32,149	...

¹Includes Adams, Bannock, Bear Lake, Bingham, Blaine, Boise, Bonneville, Camas, Caribou, Cassia, Elmore, Fremont, Gooding, Jefferson, Jerome, Lemhi, Minidoka, Oneida, Teton, Twin Falls, Valley, and Washington counties.

²The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.

³Land served by two or more projects counted only once.

⁴Acres served by two projects are included for each project. See text.

⁵Includes projects taken over by another project prior to 1960. See text.

⁶Included in State total only.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	35,795,200	35,798,400	35,806,080	35,867,520	35,867,520
Land in farms..... acres...	30,327,261	30,978,495	31,032,572	30,695,339	31,974,775
Drainage projects..... number...	1,496	1,433	1,695	NA	NA
Total area in drainage projects..... acres served...	5,616,121	5,370,825	5,091,364	5,032,682	3,909,049
Area not used for agriculture or not drained..... acres served...	52,695	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	5,563,426	NA	¹ 4,911,263	¹ 5,005,376	NA
Drainage established 10 years or more before Census date..... acres served...	5,428,733	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	134,693	NA	NA	NA	NA
Area served by two or more projects..... acres served...	293,808	299,963	805,760	709,234	181,550
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	39	16	NA	NA	NA
acres served...	78,673	27,449	30,822	15,722	17,542
Cooperative or mutual drains..... number of projects...	154	189	...	...	...
acres served...	228,762	302,121	...	...	...
Legally organized public drains..... number of projects...	1,303	1,228	NA	NA	NA
acres served...	5,575,635	5,041,255	5,060,542	5,016,960	3,891,507
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	1,395	1,335	NA	NA	NA
acres served...	5,655,113	5,131,906	4,890,012	4,447,288	² 2,988,033
Started within 10 years of Census date..... number of projects...	101	98	NA	NA	NA
acres served...	227,957	238,919	201,352	585,394	² 909,993
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	1,027	892	NA	NA	NA
dollars...	28,691,965	16,860,472	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	228	³ 103	NA	NA	NA
cost, dollars...	11,114,587	³ 1,217,157	NA	NA	NA
Open ditches..... projects reporting...	143	96	NA	NA	NA
length, miles...	374.5	273	NA	NA	NA
Tile or covered drains..... projects reporting...	83	34	NA	NA	NA
length, miles...	124.9	67	NA	NA	NA
Levees or dikes..... projects reporting...	24	5	NA	NA	NA
length, miles...	115.2	19	NA	NA	NA
Pumps..... projects reporting...	30	NA	NA	NA	NA
number of pumps...	45	NA	NA	NA	NA
Other (see text)..... projects reporting...	50	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	936	NA	NA	NA	NA
dollars...	17,577,378	15,643,315	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	72,567,174	74,565,923	43,595,069
Physical works:					
Open ditches..... length, miles...	NA	NA	6,862.2	5,996.4	4,754.5
Tile drains..... length, miles...	NA	NA	4,246.6	3,825.6	3,507.1
Levees and dikes..... length, miles...	NA	NA	1,157.8	1,108.4	650.2
Pumping units..... number of units...	NA	115	125	120	NA

NA Not available.

¹Not fully comparable. See text.²1920 figures exclude 11,023 acres for which date of organization was not reported.³Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	1,496	5,883,070	613,452	1,446	5,748,217	74	134,853
2 500 to 999 acres.....	313	228,468	25,748	292	212,393	29	16,075
3 1,000 to 1,999 acres.....	438	633,572	38,076	417	601,899	27	31,673
4 2,000 to 4,999 acres.....	435	1,380,782	96,127	429	1,351,060	13	29,722
5 5,000 to 9,999 acres.....	182	1,240,267	124,647	180	1,224,247	3	16,020
6 10,000 to 19,999 acres.....	98	1,317,391	109,355	98	1,317,391	...	...
7 20,000 to 49,999 acres.....	27	822,295	106,487	27	818,019	1	4,276
8 50,000 to 99,999 acres.....	2	151,034	46,940	2	113,947	1	37,087
9 100,000 or more acres.....	1	109,261	66,072	1	109,261	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	1,496	5,883,070	613,452	1,446	5,748,217	74	134,853
2 Drains owned by one landowner.....	39	78,673	16,261	30	68,975	12	9,698
3 Cooperative or mutual drains.....	154	228,762	30,845	129	188,964	34	39,798
4 Legally organized public drains.....	1,303	5,575,635	566,346	1,287	5,490,278	28	85,357

State Table 4.—DRAINAGE PROJECTS, 1960,

Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	1,496	5,883,070	613,452	1,446	5,748,217	74	134,853
2 1950-1959.....	101	227,957	96,634	51	102,593	67	125,364
3 Prior to 1950.....	1,395	5,655,113	516,818	1,395	5,645,624	7	9,489

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
1,027	28,691,965	228	11,114,587	143	374.5	83	124.9	24	115.2	30	45	50	1
173	694,824	65	431,465	52	110.0	17	18.7	3	8.7	4	4	7	2
262	1,647,913	58	599,351	34	65.6	31	60.8	3	3.0	5	6	12	3
319	8,195,487	57	4,652,527	31	101.0	22	33.5	14	58.3	12	20	14	4
151	5,711,441	22	1,731,117	13	27.3	5	4.9	1	10.0	5	5	8	5
92	8,343,081	19	2,513,314	11	37.6	4	5.6	2	33.0	4	10	6	6
27	2,557,031	6	203,773	1	7.0	4	1.4	1	2.2	...	...	3	7
2	1,309,567	1	983,040	1	26.0	...	...	...	...	...	...	...	8
1	232,621	...	...	...	...	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
1,027	28,691,965	228	11,114,857	143	374.5	83	124.9	24	115.2	30	45	50	1
33	379,868	27	195,738	21	72.4	8	20.3	5	3.6	3	6	4	2
83	457,558	59	386,907	44	84.6	14	16.9	3	15.2	7	7	8	3
911	27,854,539	142	10,531,942	78	217.5	61	87.7	16	96.4	20	32	38	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
1,027	28,691,965	228	11,114,587	143	374.5	83	124.9	24	115.2	30	45	50	1
101	2,338,093	98	2,215,879	81	213.6	25	66.9	9	18.9	12	14	13	2
926	26,353,872	130	8,898,708	62	160.9	58	58.0	15	96.3	18	31	37	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1960 data.]

Item and Census year	The State	Adams	Alexander	Boone	Brown	Bureau	Calhoun	Carroll	Cass
AREA									
1 Approximate land area.....acres 1960...	35,795,200	554,240	143,360	181,120	196,480	555,520	165,760	299,520	236,800
2 Land in farms.....acres 1959...	30,327,261	476,178	83,046	172,534	168,139	525,217	130,704	258,471	216,067
3 Drainage projects.....number 1960...	1,496	5	9	4	2	20	5	3	17
4.....1950...	1,433	5	6	4	1	16	2	3	16
5 Total area in drainage projects ¹.....acres served 1960...	5,616,121	40,717	29,129	12,830	5,931	65,365	7,818	4,630	47,732
6.....1950...	5,370,825	42,887	29,084	13,150	4,320	59,893	7,824	4,630	46,333
7 Area not used for agriculture or not drained.....acres served 1960...	52,695	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture.....acres served 1960...	5,563,426	40,717	29,129	12,830	5,931	65,365	7,818	4,630	47,732
9 Drainage established before 1950.....acres served 1960...	5,428,733	40,717	27,849	12,830	5,931	65,365	7,818	4,630	46,576
10 Area added, 1950-1959.....acres served 1960...	134,693	...	1,280	...	...	...	...	...	1,156
11 Area served by two or more projects.....acres served 1960...	293,808	2,170	2,380	...	...	1,040	5,208	500	3,460
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner.....number of projects...	39	...	1	...	...	...	...	...	...
13.....acres served ² ...	78,673	...	1,880	...	...	...	...	...	...
14 Cooperative or mutual drains.....number of projects...	154	...	2	3	...	2	3	...	...
15.....acres served ² ...	228,762	...	1,780	11,370	...	3,037	2,600	...	...
16 Legally organized public drains.....number of projects...	1,303	5	6	1	2	18	2	3	17
17.....acres served ² ...	5,575,635	42,887	27,849	1,460	5,931	63,368	10,426	5,130	51,192
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959.....number of projects...	101	...	3	...	...	...	3	...	1
19.....acres served ² ...	227,957	...	3,660	...	...	...	2,600	...	1,156
20 Prior to 1950.....number of projects...	1,395	5	6	4	2	20	2	3	16
21.....acres served ² ...	5,655,113	42,887	27,849	12,830	5,931	66,405	10,426	5,130	50,036
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	1,027	5	9	...	1	16	5	3	16
23.....dollars...	28,691,965	1,126,152	2,315,326	...	65,777	349,168	68,607	80,104	479,042
24 New drainage works constructed, enlarged, or installed.....projects reporting...	228	2	6	...	...	4	3	1	6
25.....dollars...	11,114,587	334,897	2,195,157	...	...	113,500	20,400	5,000	91,242
26 Open ditches.....projects reporting...	143	1	3	...	...	2	3	...	5
27.....length, miles...	374.5	5.5	8.0	...	...	0.7	6.8	...	10.5
28 Tile or covered drains.....projects reporting...	83	1	...	...	...	...	...	...	1
29.....length, miles...	124.9	1.1	...	...	...	...	...	...	0.3
30 Levees or dikes.....projects reporting...	24	...	3	...	...	2	...	...	...
31.....length, miles...	115.2	...	17.0	...	...	23.5	...	...	...
32 Pumps.....projects reporting...	30	1	...	...	...	...	2	1	1
33.....number of pumps...	45	3	...	...	...	...	2	1	1
34 Other (see text).....projects reporting...	50	1	...	...	...	...	...	...	2
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	936	5	6	...	1	16	3	3	15
36.....dollars...	17,577,378	791,255	120,169	...	65,777	235,668	48,207	75,104	387,800

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Champaign	Christian	Clark	Clay	Clinton	Coles	Cook	Crawford	Cumberland
AREA									
1 Approximate land area.....acres 1960...	640,000	453,760	323,200	296,960	318,720	324,480	610,560	282,880	221,440
2 Land in farms.....acres 1959...	600,519	415,508	289,755	244,150	262,731	291,014	130,937	229,101	191,587
3 Drainage projects..... number 1960...	97	81	6	1	4	60	19	6	9
4 1950...	96	75	6	1	4	59	20	6	7
5 Total area in drainage projects ¹ acres served 1960...	502,042	138,137	6,528	6,330	8,855	106,636	43,863	19,362	9,739
6 1950...	501,844	130,934	20,680	6,330	8,855	101,968	50,283	19,962	7,845
7 Area not used for agriculture or not drained..... acres served 1960...	8,150	...	...	...	...	...	3,570	640	...
8 Net area drained and used for agriculture..... acres served 1960...	493,892	138,137	6,528	6,330	8,855	106,636	40,293	18,722	9,739
9 Drainage established before 1960..... acres served 1960...	492,792	138,137	5,848	6,330	8,855	103,767	40,293	18,722	8,239
10 Area added, 1960-1959..... acres served 1960...	1,100	...	680	...	...	2,869	...	...	1,500
11 Area served by two or more projects..... acres served 1960...	1,940	...	...	...	...	4,092	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	1	1	2	...	...	1	1	...	...
13 acres served ² ...	1,100	1,770	1,844	...	...	1,326	127	...	...
14 Cooperative or mutual drains..... number of projects...	7	...	1	...	...	1	...	...	1
15 acres served ² ...	11,113	...	1,190	...	...	1,294	...	...	1,500
16 Legally organized public drains..... number of projects...	89	80	3	1	4	58	18	6	8
17 acres served ² ...	483,619	136,367	3,494	6,330	8,855	108,108	40,166	18,722	8,239
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959..... number of projects...	2	1	1	...	...	1	...	...	1
19 acres served ² ...	2,090	700	680	...	...	2,869	...	...	1,500
20 Prior to 1960..... number of projects...	95	80	5	1	4	59	19	6	8
21 acres served ² ...	498,742	137,437	5,848	6,330	8,855	107,859	40,293	18,722	8,239
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services..... projects reporting...	79	47	2	...	4	29	15	5	6
23 dollars...	788,386	123,426	5,028	...	51,421	156,281	119,270	27,467	22,163
24 New drainage works constructed, enlarged, or installed..... projects reporting...	5	1	1	...	...	2	1	1	1
25 dollars...	39,424	15,000	5,000	...	...	33,000	5,000	3,000	2,400
26 Open ditches..... projects reporting...	2	1	1	...	...	...	...	...	1
27 length, miles...	2.7	0.8	2.0	...	...	...	...	...	2.0
28 Tile or covered drains..... projects reporting...	3	1	...	...	...	2	1	...	...
29 length, miles...	3.8	2.5	...	...	...	6.0	2.0	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	1	...	...	...
31 length, miles...	...	...	...	...	...	0.1	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	1	...	...	...
33 number of pumps...	...	...	...	...	...	1	...	...	...
34 Other (see text)..... projects reporting...	2	...	...	...	...	1	...	1	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	76	46	1	...	4	28	15	5	5
36 dollars...	748,962	108,426	28	...	51,421	123,281	114,270	24,467	19,763

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	De Kalb	De Witt	Douglas	Du Page	Edger	Edwards	Effingham	Fayette	Ford
AREA									
1 Approximate land area.....acres 1960...	1407,040	255,360	268,800	211,840	401,920	144,000	308,480	459,520	312,320
2 Land in farms.....acres 1959...	1408,946	243,138	249,278	102,334	370,333	133,103	265,435	383,971	299,226
3 Drainage projects..... number 1960...	25	31	68	14	51	5	6	16	35
4 1950...	25	31	74	15	51	4	5	15	34
5 Total area in drainage projects ² acres served 1960...	74,111	96,451	174,772	22,854	142,248	6,830	5,143	47,124	166,429
6 1950...	74,252	82,392	173,235	19,598	151,310	6,370	4,118	46,447	167,253
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	2,480	...	...	...	...	800
8 Net area drained and used for agriculture..... acres served 1960...	74,111	96,451	174,772	20,374	142,248	6,830	5,143	47,124	165,629
9 Drainage established before 1950..... acres served 1960...	74,080	85,411	174,772	20,374	142,248	6,370	4,118	46,447	164,989
10 Area added, 1950-1959..... acres served 1960...	31	11,040	...	...	...	460	1,025	677	640
11 Area served by two or more projects..... acres served 1960...	1,000	2,480	7,800	...	5,940	680	...	...	36,240
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	3	...	...	...	1	...
13 acres served ³...	...	...	...	3,598	...	...	...	1,105	...
14 Cooperative or mutual drains..... number of projects...	1	5	...	4	3	...	3	3	1
15 acres served ³ ...	1,200	9,090	...	8,993	7,425	...	1,932	7,280	715
16 Legally organized public drains..... number of projects...	24	26	68	7	48	5	3	12	34
17 acres served ³ ...	73,911	89,841	182,572	7,783	140,763	7,510	3,211	38,739	209,814
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	...	6	...	...	...	1	1	1	1
19 acres served ³...	...	11,040	...	...	...	800	1,025	677	33,200
20 Prior to 1960..... number of projects...	25	25	68	14	51	4	5	15	34
21 acres served ³ ...	75,111	87,891	182,572	20,374	148,188	6,710	4,118	46,447	177,329
DRAINAGE OPERATIONS, 1950-1959 ⁴									
22 Cost of drainage works and services..... projects reporting...	9	21	36	4	25	5	5	10	25
23 dollars...	95,699	306,779	211,350	26,298	145,658	52,941	19,233	193,496	744,685
24 New drainage works constructed, enlarged, or installed..... projects reporting...	1	8	...	1	2	1	2	2	2
25 dollars...	106	148,776	...	200	3,388	5,000	9,785	52,000	453,242
26 Open ditches..... projects reporting...	...	6	...	...	1	1	2	...	1
27 length, miles...	...	4.6	...	...	0.1	1.8	5.9	...	12.0
28 Tile or covered drains..... projects reporting...	1	5	...	1	2	...	1	...	...
29 length, miles...	0.1	11.7	...	0.1	0.4	...	0.1	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	2	...
31 length, miles...	...	...	...	...	...	...	...	5.5	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	3	...	...	...	...	...	...	1
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	9	16	36	3	24	4	4	9	24
36 dollars...	95,593	158,003	211,350	26,098	142,270	47,941	9,448	141,496	291,443

¹The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. --DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	Jackson	Jasper	Jersey	Johnson	Kane	Kankakee	Kendall	Lake	La Salle
AREA									
1 Approximate land area.....acres 1960...	385,920	316,800	239,360	220,800	330,240	435,200	204,800	292,480	737,920
2 Land in farms.....acres 1959...	253,987	278,521	202,722	121,861	275,207	378,632	192,965	139,127	666,951
3 Drainage projects..... number 1960...	5	12	3	4	25	44	5	18	38
4 1950...	3	11	3	3	27	44	5	20	35
5 Total area in drainage projects ¹ acres served 1960...	41,340	19,210	10,717	14,092	63,275	144,198	12,830	33,951	85,759
6 1950...	26,670	18,700	10,717	12,198	64,885	133,298	12,650	31,895	81,025
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	1,320	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	41,340	19,210	10,717	14,092	63,275	142,878	12,830	33,951	85,759
9 Drainage established before 1950..... acres served 1960...	41,340	18,700	10,717	13,592	63,275	131,968	12,830	33,951	81,980
10 Area added, 1950-1959..... acres served 1960...	...	510	...	500	...	10,910	...	...	3,779
11 Area served by two or more projects..... acres served 1960...	17,624	...	...	...	...	...	...	...	760
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	1	5	...	...	...	...
13 acres served ²...	...	...	...	500	4,209	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	6	...	...	...	2	...	...	8
15 acres served ²...	...	6,073	...	...	...	4,300	...	...	11,632
16 Legally organized public drains..... number of projects...	5	6	3	3	20	42	5	18	30
17 acres served ² ...	58,964	13,137	10,717	13,592	59,066	138,578	12,830	33,951	74,887
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	...	1	...	1	...	3	...	...	2
19 acres served ²...	...	510	...	500	...	11,880	...	...	3,314
20 Prior to 1950..... number of projects...	5	11	3	3	25	41	5	18	36
21 acres served ² ...	58,964	18,700	10,717	13,592	63,275	130,998	12,830	33,951	83,205
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	5	11	3	3	10	34	5	9	13
23 dollars...	328,862	60,182	202,900	17,992	121,105	386,519	70,533	70,182	99,356
24 New drainage works constructed, enlarged, or installed.....projects reporting...	1	3	1	1	3	10	...	3	4
25 dollars...	3,000	7,692	16,000	5,000	42,060	176,500	...	24,450	51,911
26 Open ditches.....projects reporting...	1	3	1	1	1	8	...	1	3
27 length, miles...	3.0	8.9	8.0	6.6	7.5	26.5	...	1.0	10.8
28 Tile or covered drains.....projects reporting...	...	...	...	...	2	3	...	1	3
29 length, miles...	...	...	...	...	1.4	9.0	...	3.0	5.5
30 Levees or dikes.....projects reporting...	...	...	...	1	...	...	...	...	...
31 length, miles...	...	...	...	1.0	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	1	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	5	10	3	2	8	32	5	8	10
36 dollars...	325,862	52,490	186,900	12,992	79,045	210,019	70,533	45,732	47,445

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Lawrence	Lee	Livingston	Logan	McHenry	McLean	Macon	Macoupin	Madison
AREA									
1 Approximate land area.....acres 1960...	239,360	466,560	667,520	398,080	391,040	750,720	368,640	558,080	467,840
2 Land in farms.....acres 1959...	172,299	436,999	637,716	384,481	316,645	722,554	329,714	496,470	354,024
3 Drainage projects.....number 1960...	14	15	52	17	16	39	70	11	7
4 1950...	14	14	52	14	16	36	75	8	7
5 Total area in drainage projects ¹.....acres served 1960...	76,996	89,165	157,979	103,572	55,669	173,643	115,977	12,293	34,267
6 1950...	82,324	89,130	118,638	49,022	55,135	165,512	105,618	9,593	26,567
7 Area not used for agriculture or not drained.....acres served 1960...	3,000	...	...	...	...	...	500	...	13,630
8 Net area drained and used for agriculture.....acres served 1960...	73,996	89,165	157,979	103,572	55,669	173,643	115,477	12,293	20,637
9 Drainage established before 1950.....acres served 1960...	73,996	89,165	121,532	103,572	55,669	169,248	112,312	10,893	20,637
10 Area added, 1950-1959.....acres served 1960...	...	...	36,447	...	...	4,395	3,165	1,400	...
11 Area served by two or more projects.....acres served 1960...	25,889	698	3,636	...	...	...	320	77	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner.....number of projects...	...	...	1	1	...	...	...	...	...
13 acres served ²...	...	...	2,241	30,388	...	...	...	...	...
14 Cooperative or mutual drains.....number of projects...	...	...	10	3	...	5	9	4	...
15 acres served ²...	...	...	10,900	6,450	...	12,018	8,135	3,560	...
16 Legally organized public drains.....number of projects...	14	15	41	13	16	34	61	7	7
17 acres served ² ...	101,705	89,863	148,474	66,734	55,669	161,625	107,662	8,810	20,637
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959.....number of projects...	...	...	1	...	...	3	4	1	...
19 acres served ²...	...	...	41,120	...	...	4,395	3,485	1,400	...
20 Prior to 1950.....number of projects...	14	15	51	17	16	36	66	10	7
21 acres served ² ...	101,705	89,863	120,495	103,572	55,669	169,248	112,312	10,970	20,637
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	13	13	29	14	5	26	45	8	7
23 dollars...	413,612	392,920	702,959	160,571	33,883	435,225	231,008	32,975	3,088,730
24 New drainage works constructed, enlarged, or installed.....projects reporting...	3	...	4	4	...	9	11	...	2
25 dollars...	154,325	...	637,973	10,450	...	131,370	83,571	...	2,780,000
26 Open ditches.....projects reporting...	1	...	3	3	...	6	6	...	1
27 length, miles...	0.3	...	22.6	5.1	...	6.1	15.4	...	7.0
28 Tile or covered drains.....projects reporting...	...	...	2	1	...	4	10	...	1
29 length, miles...	...	...	2.2	1.2	...	2.8	14.5	...	1.0
30 Levees or dikes.....projects reporting...	2	...	...	...	...	...	...	...	1
31 length, miles...	2.8	...	...	...	...	...	...	...	21.0
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	2
33 number of pumps...	...	...	...	...	...	...	...	...	8
34 Other (see text).....projects reporting...	...	...	1	...	...	8	6	...	1
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	13	13	28	12	5	25	42	8	7
36 dollars...	259,287	392,920	64,986	150,121	33,883	303,855	147,437	32,975	308,730

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Marion	Marshall	Mason	Massac	Menard	Mercer	Monroe	Montgomery	Morgan
AREA									
1 Approximate land area.....acres 1960...	371,200	252,800	346,240	157,440	199,680	355,840	243,200	451,840	361,600
2 Land in farms.....acres 1959...	292,232	228,175	302,272	107,360	188,659	336,234	216,705	409,682	342,085
3 Drainage projects..... number 1960...	3	4	19	1	3	2	10	60	9
4 1950...	...	4	18	1	3	2	9	55	7
5 Total area in drainage projects ¹ acres served 1960...	1,900	6,565	110,749	36,847	11,264	20,963	60,009	73,919	15,677
6 1950...	...	6,565	110,749	38,847	11,264	20,963	56,331	69,936	15,599
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	2,048	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	1,900	6,565	110,749	34,799	11,264	20,963	60,009	73,919	15,677
9 Drainage established before 1950..... acres served 1960...	...	6,565	110,749	34,799	11,264	20,963	57,209	73,919	15,117
10 Area added, 1950-1959..... acres served 1960...	1,900	...	...	...	...	...	2,800	...	560
11 Area served by two or more projects..... acres served 1960...	...	...	5,988	...	2,644	...	17,257	5,930	3,100
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	1
13 acres served ²...	...	...	...	...	...	...	...	...	560
14 Cooperative or mutual drains..... number of projects...	3	...	...	...	...	...	...	6	...
15 acres served ² ...	1,900	...	...	...	...	...	...	5,690	...
16 Legally organized public drains..... number of projects...	...	4	19	1	3	2	10	54	8
17 acres served ²...	...	6,565	116,737	34,799	13,908	20,963	77,266	74,159	18,217
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	3	...	...	...	...	...	1	...	2
19 acres served ² ...	1,900	...	...	...	...	...	2,800	...	1,820
20 Prior to 1950..... number of projects...	...	4	19	1	3	2	9	60	7
21 acres served ²...	...	6,565	116,737	34,799	13,908	20,963	74,466	79,849	16,957
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services..... projects reporting...	3	2	15	1	3	2	10	48	7
23 dollars...	2,599	6,234	349,586	224,208	33,818	581,787	476,726	97,909	141,622
24 New drainage works constructed, enlarged, or installed..... projects reporting...	3	...	...	...	1	1	2	...	1
25 dollars...	2,599	...	...	...	1,400	70,000	104,200	...	5,000
26 Open ditches..... projects reporting...	3	...	...	...	...	...	2	...	1
27 length, miles...	5.2	...	...	...	...	...	3.0	...	3.0
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	2	...	...
29 length, miles...	...	...	...	...	...	...	0.2	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	1	...	...
31 length, miles...	...	...	...	...	...	...	4.0	...	...
32 Pumps..... projects reporting...	...	...	...	...	1	...	1	...	...
33 number of pumps...	...	...	...	...	1	...	1	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	1	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	...	2	15	1	3	2	10	48	7
36 dollars...	...	6,234	349,586	224,208	32,418	511,787	372,526	97,909	136,622

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Moultrie	Ogle	Peoria	Piatt	Pike	Pope	Pulaekl	Putnam	Randolph
AREA									
1 Approximate land area.....acres 1960...	220,800	484,480	399,360	279,680	530,560	243,840	130,560	106,240	380,160
2 Land in farms.....acres 1959...	205,096	460,208	322,019	275,720	469,337	109,935	92,307	92,318	316,417
3 Drainage projects..... number 1960...	40	4	4	52	21	2	6	1	5
4	38	4	4	51	12	3	5	1	5
5 Total area in drainage projects ¹ acres served 1960...	74,576	13,360	7,994	185,883	108,673	14,119	45,643	2,556	33,780
6	71,353	13,127	9,354	180,806	107,229	15,579	45,523	2,525	33,780
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	1,200	...	...
8 Net area drained and used for agriculture..... acres served 1960...	74,576	13,360	7,994	185,883	108,673	14,119	44,443	2,556	33,780
9 Drainage established before 1950..... acres served 1960...	74,576	13,360	7,994	183,999	108,673	14,119	44,323	2,556	33,780
10 Area added, 1950-1959..... acres served 1960...	...	...	...	1,884	...	...	120	...	...
11 Area served by two or more projects..... acres served 1960...	713	...	...	4,435	58,694	...	480	...	2,525
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	1	3	...	...	...	...
13 .....	...	...	...	1,000	6,081	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	3	...	...	6	4	...	1	...	...
15	3,530	...	...	7,670	10,192	...	600	...	...
16 Legally organized public drains..... number of projects...	37	4	4	45	14	2	5	1	5
17	71,759	13,360	7,994	181,648	161,940	14,119	44,323	2,556	36,305
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	1	...	...	2	8	...	1	...	...
19	713	...	...	1,884	22,004	...	600	...	...
20 Prior to 1950..... number of projects...	39	4	4	50	13	2	5	1	5
21	74,576	13,360	7,994	188,434	156,209	14,119	44,323	2,556	36,305
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	35	2	3	44	21	2	5	1	5
23	217,712	34,326	167,150	555,754	905,766	16,115	132,726	180,648	110,271
24 New drainage works constructed, enlarged, or installed.....projects reporting...	5	...	...	9	9	...	1	1	...
25	45,742	...	...	36,774	281,983	...	3,180	65,000	...
26 Open ditches.....projects reporting...	3	...	...	5	3	...	1	...	...
27	1.7	...	...	8.7	9.0	...	1.4	...	...
28 Tile or covered drains.....projects reporting...	3	...	...	7	2	...	...	...	...
29	0.7	...	...	5.0	0.2	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	4	...	...	...	...
31 .....	...	...	...	...	4.5	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	8	...	...	1	...
33 .....	...	...	...	...	11	...	...	1	...
34 Other (see text).....projects reporting...	...	...	...	2	6	...	...	1	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	34	2	3	42	19	2	4	1	5
36	171,970	34,326	167,150	518,980	623,783	16,115	129,546	115,648	110,271

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Richland	Rock Island	St. Clair	Saline	Sangamon	Schuyler	Scott	Shelby	Stark	Tazewell
AREA										
1 Approximate land area.....acres 1960...	232,960	268,800	428,800	245,760	563,200	277,760	160,640	494,080	186,240	417,920
2 Land in farms.....acres 1959...	208,682	220,435	316,109	149,486	499,137	249,143	155,885	438,702	179,257	359,893
3 Drainage projects..... number 1960...	2	9	6	18	15	4	7	41	1	11
4 1950...	2	9	6	16	11	4	5	38	1	11
5 Total area in drainage projects ¹ acres served 1960...	4,020	25,714	18,579	75,400	29,903	14,788	29,687	64,288	3,598	38,034
6 1950...	4,020	26,539	16,749	59,600	21,343	15,803	29,687	63,259	3,598	36,166
7 Area not used for agriculture or not drained..... acres served 1960...	...	1,100	...	2,860	2,957	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	4,020	24,614	18,579	72,540	26,946	14,788	29,687	64,288	3,598	38,034
9 Drainage established before 1950..... acres served 1960...	4,020	24,614	18,579	72,540	26,306	14,788	29,687	63,168	3,598	35,999
10 Area added, 1950-1959..... acres served 1960...	...	...	...	...	640	...	...	1,120	...	2,035
11 Area served by two or more projects..... acres served 1960...	...	...	...	1,000	400	...	700	1,959	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner..... number of projects...	...	...	...	...	3	...	...	...	...	1
13 acres served ²...	...	...	...	...	5,280	...	...	...	...	561
14 Cooperative or mutual drains..... number of projects...	...	1	...	1	2	...	1	9	...	1
15 acres served ²...	...	3,950	...	800	1,475	...	660	7,454	...	2,035
16 Legally organized public drains..... number of projects...	2	8	6	17	10	4	6	32	1	9
17 acres served ² ...	4,020	20,664	18,579	72,740	20,591	14,788	29,727	58,793	3,598	35,438
PROJECTS, 1960, BY YEAR STARTED										
18 1950-1959..... number of projects...	...	...	...	...	1	...	2	2	...	1
19 acres served ²...	...	...	...	...	640	...	700	1,120	...	2,035
20 Prior to 1950..... number of projects...	2	9	6	18	14	4	5	39	1	10
21 acres served ² ...	4,020	24,614	18,579	73,540	26,706	14,788	29,687	65,127	3,598	35,999
DRAINAGE OPERATIONS, 1950-1959 ³										
22 Cost of drainage works and services.....projects reporting...	...	7	5	7	6	3	7	27	1	9
23 dollars...	...	332,209	149,740	164,467	28,488	426,293	491,892	63,646	1,800	703,458
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	1	1	...	1	2	3	2	...	3
25 dollars...	...	3,000	112,000	...	2,000	104,000	78,710	15,320	...	67,100
26 Open ditches.....projects reporting...	...	1	1	...	1	1	3	1	...	2
27 length, miles...	...	0.5	3.6	...	0.6	2.0	1.8	1.3	...	2.4
28 Tile or covered drains.....projects reporting...	...	...	1	...	...	1	...	1	...	1
29 length, miles...	...	...	0.2	...	...	2.0	...	3.4	...	0.4
30 Levees or dikes.....projects reporting...	...	...	...	...	...	1	...	...	...	1
31 length, miles...	...	...	...	...	...	4.0	...	...	...	1.5
32 Pumps.....projects reporting...	...	...	...	...	...	2	1	...	...	...
33 number of pumps...	...	...	...	...	...	2	2	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	1	1	...	1
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	...	7	5	7	5	3	6	25	1	8
36 dollars...	...	329,209	37,740	164,467	26,488	322,293	413,182	48,326	1,800	636,358

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Union	Vermilion	Wabash	Warren	Wayne	White	Whiteside	Will	Winneshago	Woodford
AREA										
1 Approximate land area.....acres 1960...	264,960	574,720	141,440	346,880	457,600	320,640	441,600	540,800	332,800	343,680
2 Land in farms.....acres 1959...	160,131	501,713	123,536	331,181	357,690	284,074	413,238	406,823	268,793	308,880
3 Drainage projects.....number 1960...	21	80	16	2	15	28	35	39	3	10
4 1950...	5	87	18	...	11	25	32	35	3	5
5 Total area in drainage projects ¹.....acres served 1960...	39,214	209,779	30,391	1,980	72,685	60,368	149,373	71,218	3,272	37,880
6 1950...	36,524	219,324	30,391	...	77,225	58,323	148,246	61,162	3,272	23,070
7 Area not used for agriculture or not drained.....acres served 1960...	...	1,400	...	...	...	...	3,680	1,280	...	...
8 Net area drained and used for agriculture.....acres served 1960...	39,214	208,379	30,391	1,980	72,685	60,368	145,693	69,938	3,272	37,880
9 Drainage established before 1950.....acres served 1960...	36,524	206,689	30,391	...	69,205	59,668	145,693	67,738	3,272	27,370
10 Area added, 1950-1959.....acres served 1960...	2,690	1,690	...	1,980	3,480	700	...	2,200	...	10,510
11 Area served by two or more projects.....acres served 1960...	8,529	9,110	...	...	3,560	5,870	14,102	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner.....number of projects...	7	...	...	...	2	1	...	1	...	...
13 acres served ² ...	4,357	...	...	...	2,480	700	...	2,200	...	...
14 Cooperative or mutual drains.....number of projects...	8	3	...	2	2	2	...	1	1	4
15 acres served ² ...	6,862	8,800	...	1,980	3,240	1,260	...	500	652	12,910
16 Legally organized public drains.....number of projects...	6	77	16	...	11	25	35	37	2	6
17 acres served ² ...	36,524	213,199	30,391	...	70,525	64,278	159,795	67,238	2,620	24,970
PROJECTS, 1960, BY YEAR STARTED										
18 1950-1959.....number of projects...	15	2	...	2	4	2	...	1	...	4
19 acres served ² ...	11,219	2,250	...	1,980	5,720	1,200	...	2,200	...	10,510
20 Prior to 1950.....number of projects...	6	78	16	...	11	26	35	38	3	6
21 acres served ² ...	36,524	219,749	30,391	...	70,525	65,038	159,795	67,738	3,272	27,370
DRAINAGE OPERATIONS, 1950-1959³										
22 Cost of drainage works and services.....projects reporting...	21	54	14	2	9	15	27	23	1	6
23 dollars...	1,833,092	372,611	91,688	32,413	226,621	103,188	550,264	159,266	159	98,386
24 New drainage works constructed, enlarged, or installed.....projects reporting...	17	8	...	2	4	2	3	6	...	4
25 dollars...	1,720,071	54,502	...	32,413	23,440	6,468	21,000	64,400	...	79,047
26 Open ditches.....projects reporting...	15	5	...	1	4	2	1	2	...	1
27 length, miles...	21.5	11.7	...	0.3	18.5	9.3	0.5	1.5	...	4.0
28 Tile or covered drains.....projects reporting...	...	3	...	2	...	...	...	4	...	3
29 length, miles...	...	1.3	...	3.8	...	...	...	6.0	...	9.8
30 Levees or dikes.....projects reporting...	2	...	...	...	...	...	1	1	...	...
31 length, miles...	13.0	...	...	...	...	...	4.0	0.1	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	1	...	...	...
33 number of pumps...	...	...	...	...	...	...	1	...	...	...
34 Other (see text).....projects reporting...	2	2	...	...	...	...	...	1	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	6	50	14	...	5	13	27	22	1	2
36 dollars...	113,021	318,109	91,688	...	203,181	96,720	529,264	94,866	159	19,339

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	23,158,400	23,171,200	23,171,200	23,068,800	23,068,800
Land in farms..... acres...	18,613,046	19,658,677	19,800,778	19,688,675	21,063,332
Drainage projects..... number...	292	79	¹ 8,893	NA	NA
Total area in drainage projects..... acres served...	11,120,936	11,017,709	10,121,952	10,214,014	9,087,183
Area not used for agriculture or not drained..... acres served...	67,490	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	11,053,446	NA	² 9,703,805	² 10,150,221	NA
Drainage established 10 years or more before Census date..... acres served...	10,980,064	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	73,382	NA	NA	NA	NA
Area served by two or more projects..... acres served...	210,322	NA	9,850,573	12,835,773	5,928,038
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	18	⁽³⁾	NA	NA	NA
acres served...	22,765	⁽³⁾	1,000	15,726	⁴ 5,623
Cooperative or mutual drains..... number of projects...	188	⁽³⁾
acres served...	237,047	⁽³⁾
Legally organized public drains..... number of projects...	86	³ 79	NA	NA	NA
acres served...	11,008,036	³ 11,017,709	10,120,952	10,198,288	⁴ 9,049,193
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	138	NA	NA	NA	NA
acres served...	11,070,844	NA	9,242,358	9,555,509	⁴ 6,861,184
Started within 10 years of Census date..... number of projects...	154	NA	NA	NA	NA
acres served...	197,004	NA	879,594	658,505	⁴ 2,220,090
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	254	75	NA	NA	NA
dollars...	13,598,832	8,206,459	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	158	⁵ 22	NA	NA	NA
cost, dollars...	2,528,431	⁵ 785,767	NA	NA	NA
Open ditches..... projects reporting...	135	19	NA	NA	NA
length, miles...	487.0	198	NA	NA	NA
Tile or covered drains..... projects reporting...	57	13	NA	NA	NA
length, miles...	160.0	48	NA	NA	NA
Levees or dikes..... projects reporting...	2	2	NA	NA	NA
length, miles...	0.3	20	NA	NA	NA
Pumps..... projects reporting...	1	NA	NA	NA	NA
number of pumps...	1	NA	NA	NA	NA
Other (see text)..... projects reporting...	36	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	162	75	NA	NA	NA
dollars...	11,070,401	7,420,692	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	47,540,385	54,110,854	31,147,682
Physical works:					
Open ditches..... length, miles...	NA	NA	22,008.1	20,786.8	17,470.7
Tile drains..... length, miles...	NA	NA	10,754.7	10,438.7	8,227.6
Levees and dikes..... length, miles...	NA	NA	139.0	131.9	165.8
Pumping units..... number of units...	NA	NA	5	7	NA

NA Not available.

¹In 1940 each county drain was counted as a separate project. See text.²Not fully comparable. See text.³All projects in 1950 included with county drains. See text.⁴1920 figures exclude 32,367 acres for which type was not reported; and 5,909 acres for which date of organization was not reported.⁵Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	292	11,267,848	424,724	265	11,194,466	60	73,382
2	500 to 999 acres.....	120	80,373	57,258	100	62,216	34	18,157
3	1,000 to 1,999 acres.....	59	77,882	58,743	53	64,252	16	13,630
4	2,000 to 4,999 acres.....	28	82,548	55,037	27	75,878	3	6,670
5	5,000 to 9,999 acres.....	12	85,208	33,664	12	85,208	...	...
6	10,000 to 19,999 acres.....	8	101,632	12,500	8	101,632	...	...
7	20,000 to 49,999 acres.....	8	273,059	19,379	8	273,059	...	...
8	50,000 to 99,999 acres.....	6	479,819	9,196	6	479,819	...	...
9	100,000 or more acres.....	51	10,087,327	178,947	51	10,052,402	7	34,925

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	292	11,267,848	424,724	265	11,194,466	60	73,382
2	Drains owned by one landowner.....	18	22,765	16,755	16	16,755	5	6,010
3	Cooperative or mutual drains.....	188	237,047	182,647	163	204,600	48	32,447
4	Legally organized public drains.....	86	11,008,036	225,322	86	10,973,111	7	34,925

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	292	11,267,848	424,724	265	11,194,466	60	73,382
2	1960-1959.....	154	197,004	136,857	127	160,397	49	36,607
3	Prior to 1950.....	138	11,070,844	287,867	138	11,034,069	11	36,775

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
254	13,598,832	158	2,528,431	135	487.0	57	160.0	2	0.3	1	1	36	1
105	438,302	81	350,284	67	88.0	20	17.4	...	...	...	...	22	2
50	289,573	33	171,858	31	41.5	10	8.4	1	0.1	1	1	5	3
23	190,766	9	78,396	9	19.5	...	...	1	0.2	...	...	3	4
8	91,920	3	31,078	3	19.5	...	...	...	...	...	...	...	5
5	291,804	...	...	...	...	...	...	...	...	...	...	...	6
7	240,673	2	8,281	2	3.3	2	0.4	...	...	...	...	1	7
6	180,343	1	9,651	1	3.1	1	0.6	...	...	...	...	1	8
50	11,875,451	29	1,878,883	22	312.1	24	133.2	...	...	...	...	4	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
254	13,598,832	158	2,528,431	135	487.0	57	160.0	2	0.3	1	1	36	1
13	89,798	7	56,608	7	10.7	...	...	...	...	1	1	...	2
168	828,565	119	575,008	103	157.8	30	25.8	2	0.3	...	...	30	3
73	12,680,469	32	1,896,815	25	318.5	27	134.2	...	...	...	...	6	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
254	13,598,832	158	2,528,431	135	487.0	57	160.0	2	0.3	1	1	36	1
153	821,884	115	575,843	100	156.9	27	22.5	1	0.1	...	...	27	2
101	12,776,948	43	1,952,588	35	330.1	30	137.5	1	0.2	1	1	9	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Adams	Allen	Barthol- omew	Benton	Blackford	Boone	Carroll	Cass
AREA									
1 Approximate land area.....acres 1960...	23,158,400	220,800	428,800	256,640	261,760	106,880	273,280	239,360	265,600
2 Land in farms.....acres 1959...	18,613,046	205,464	336,029	192,708	252,328	91,619	246,619	230,248	241,290
3 Drainage projects..... number 1960...	292	11	10	1	21	1	2	6	15
4 1950...	79	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	11,120,936	191,360	347,976	36,096	194,199	103,168	246,571	174,265	175,068
6 1950...	11,017,709	191,360	349,056	36,096	190,244	103,168	231,496	172,825	172,288
7 Area not used for agriculture or not drained..... acres served 1960...	67,490	...	4,160	...	...	1,040	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	11,053,446	191,360	343,816	36,096	194,199	102,128	246,571	174,265	175,068
9 Drainage established before 1950..... acres served 1960...	10,980,064	191,360	343,216	36,096	188,984	102,128	231,496	174,265	173,268
10 Area added, 1950-1959..... acres served 1960...	73,382	...	600	...	5,215	...	15,075	...	1,800
11 Area served by two or more projects..... acres served 1960...	210,322	7,538	6,680	...	15,321	...	5,500	7,670	12,884
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	18	...	...	...	1	...	...	1	...
13 acres served ² ...	22,765	...	...	...	1,250	...	...	3,500	...
14 Cooperative or mutual drains..... number of projects...	188	10	9	...	19	...	1	4	14
15 acres served ² ...	237,047	7,538	7,280	...	20,261	...	5,500	5,610	15,184
16 Legally organized public drains..... number of projects...	86	1	1	1	1	1	1	1	1
17 acres served ² ...	11,008,036	191,360	343,216	36,096	188,009	102,128	246,571	172,825	172,768
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959..... number of projects...	154	10	9	...	9	...	1	4	9
19 acres served ² ...	197,004	7,538	7,280	...	10,007	...	5,500	5,910	10,664
20 Prior to 1950..... number of projects...	138	1	1	1	12	1	1	2	6
21 acres served ² ...	11,070,844	191,360	343,216	36,096	199,513	102,128	246,571	176,025	177,288
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services..... projects reporting...	254	11	10	1	14	1	2	6	15
23 dollars...	13,598,832	348,317	639,420	8,696	196,092	270,717	358,377	205,466	347,423
24 New drainage works constructed, enlarged, or installed..... projects reporting...	158	10	9	...	12	...	2	6	6
25 dollars...	2,528,431	25,565	26,006	...	151,819	...	110,069	151,419	86,015
26 Open ditches..... projects reporting...	135	10	8	...	12	...	1	5	2
27 length, miles...	487.0	15.4	13.8	...	44.5	...	8.0	4.4	22.3
28 Tile or covered drains..... projects reporting...	57	...	1	...	2	...	1	3	6
29 length, miles...	160.0	...	0.4	...	0.2	...	10.6	19.5	24.8
30 Levees or dikes..... projects reporting...	2	...	...	...	...	...	...	1	...
31 length, miles...	0.3	...	...	...	...	...	...	0.2	...
32 Pumps..... projects reporting...	1	...	...	...	...	...	...	...	...
33 number of pumps...	1	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	36	...	...	...	5	...	...	3	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	162	1	1	1	8	1	1	6	14
36 dollars...	11,070,401	322,752	613,434	8,696	44,273	270,717	248,308	54,047	261,408

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Clay	Clinton	Davless	Decatur	De Kalb	Delaware	Dubois	Elkhart	Fayette
AREA									
1 Approximate land area.....acres 1960...	232,960	260,480	277,120	236,800	233,600	254,720	277,120	299,520	137,600
2 Land in farms.....acres 1959...	176,438	247,355	243,247	220,507	210,958	200,950	219,488	234,575	120,871
3 Drainage projects..... number 1960...	4	5	1	2	1	1	2	2	2
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	36,736	205,824	153,600	4,852	212,736	218,624	9,219	212,736	12,858
6 1950...	34,976	205,824	153,600	4,352	212,736	218,624	8,704	212,736	11,878
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	2,720	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	36,736	205,824	150,880	4,852	212,736	218,624	9,219	212,736	12,858
9 Drainage established before 1950..... acres served 1960...	34,976	205,824	150,880	4,352	212,736	218,624	8,704	212,736	11,878
10 Area added, 1950-1959..... acres served 1960...	1,760	...	...	500	...	...	515	...	980
11 Area served by two or more projects..... acres served 1960...	1,000	4,092	...	...	...	...	...	600	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	2	...	...	...	...	...	...	...	...
18 acres served ² ...	2,760	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	4	...	1	...	...	1	1	1
15 acres served ²...	...	4,092	...	500	...	...	515	600	980
16 Legally organized public drains..... number of projects...	2	1	1	1	1	1	1	1	1
17 acres served ² ...	34,976	205,824	150,880	4,352	212,736	218,624	8,704	212,736	11,878
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	1	4	...	1	...	...	1	...	1
19 acres served ² ...	1,760	4,092	...	500	...	...	515	...	980
20 Prior to 1950..... number of projects...	3	1	1	1	1	1	1	2	1
21 acres served ² ...	35,976	205,824	150,880	4,352	212,736	218,624	8,704	213,336	11,878
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	4	5	1	(⁴)	1	1	1	2	2
23 dollars...	120,646	162,784	298,886	(⁴)	384,073	314,918	6,597	82,406	36,054
24 New drainage works constructed, enlarged, or installed.....projects reporting...	(⁴)	5	1	(⁴)	...	...	1	1	1
25 dollars...	(⁴)	126,510	47,394	(⁴)	...	...	6,597	20,572	17,592
26 Open ditches.....projects reporting...	(⁴)	5	1	...	...	...	1	1	...
27 length, miles...	(⁴)	6.1	47.0	...	...	...	3.3	4.7	...
28 Tile or covered drains.....projects reporting...	...	2	...	(⁴)	...	...	...	...	1
29 length, miles...	...	19.5	...	(⁴)	...	...	...	...	2.0
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	(⁴)	...	...	...	...	...	...	...	...
33 number of pumps...	(⁴)	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	4	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	3	5	1	...	1	1	...	2	1
36 dollars...	103,546	36,274	251,492	...	384,073	314,918	...	61,834	18,462

¹Land served by two or more projects counted only once.

²Acres served by two projects are included for each project. See text.

³Includes projects taken over by another project prior to 1960. See text.

⁴Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Fountain	Franklin	Fulton	Gibson	Grant	Greene	Hamilton	Hancock	Harrison
AREA									
1 Approximate land area.....acres 1960...	254,080	252,160	234,880	319,360	269,440	351,360	256,640	195,200	306,560
2 Land in farms.....acres 1959...	234,029	215,804	223,161	256,183	223,877	247,729	216,917	190,543	224,652
3 Drainage projects..... number 1960...	8	1	3	3	1	1	2	1	1
4 1950...	1	1	1	1	1	1	1	1	...
5 Total area in drainage projects ¹ acres served 1960...	31,798	9,216	219,110	240,000	224,398	134,179	180,642	137,856	1,905
6 1950...	27,892	9,216	219,110	240,000	224,398	131,979	180,642	137,856	...
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	1,040	6,560	1,440	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	31,798	9,216	219,110	238,960	217,838	132,739	180,642	137,856	1,905
9 Drainage established before 1950..... acres served 1960...	27,892	9,216	219,110	238,960	217,838	132,739	180,642	137,856	1,905
10 Area added, 1950-1959..... acres served 1960...	3,906	...	...	...	...	...	...	...	...
11 Area served by two or more projects..... acres served 1960...	579	...	2,650	...	...	...	650	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	1	...	...
13 acres served ²...	...	...	...	...	...	...	650	...	...
14 Cooperative or mutual drains..... number of projects...	7	...	2	...	...	...	...	...	...
15 acres served ² ...	6,065	...	2,650	...	...	...	...	...	...
16 Legally organized public drains..... number of projects...	1	1	1	3	1	1	1	1	1
17 acres served ² ...	26,312	9,216	219,110	238,960	217,838	132,739	180,642	137,856	1,905
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	4	...	2	2	...	...	1	...	...
19 acres served ² ...	4,146	...	2,650	23,300	...	...	650	...	...
20 Prior to 1950..... number of projects...	4	1	1	1	1	1	1	1	1
21 acres served ² ...	28,231	9,216	219,110	215,660	217,838	132,739	180,642	137,856	1,905
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	7	1	3	3	1	1	2	1	...
23 dollars...	43,425	5,065	570,462	135,339	540,000	195,149	295,263	315,652	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	6	...	3	...	...	...	...	1	...
25 dollars...	36,766	...	44,929	...	...	...	...	5,751	...
26 Open ditches.....projects reporting...	6	...	3	...	...	...	...	...	...
27 length, miles...	9.6	...	8.1	...	...	...	...	...	...
28 Tile or covered drains.....projects reporting...	2	...	2	...	...	...	...	1	...
29 length, miles...	0.7	...	1.1	...	...	...	...	1.2	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	6	...	1	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	2	1	2	3	1	1	2	1	...
36 dollars...	6,659	5,065	525,533	135,339	540,000	195,149	295,263	309,901	...

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	Hendricks	Henry	Howard	Huntington	Jackson	Jasper	Jay	Jennings	Johnson
AREA									
1 Approximate land area.....acres 1960...	266,880	256,000	186,880	249,600	332,800	359,040	247,040	241,280	201,600
2 Land in farms.....acres 1959...	242,126	226,027	171,755	220,036	229,781	328,935	221,508	170,205	166,150
3 Drainage projects.....number 1960...	5	2	1	2	1	12	1	1	1
4	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹.....acres served 1960...	96,505	226,303	171,136	182,400	168,192	340,762	243,778	4,352	70,912
6	96,205	220,288	171,136	182,400	168,192	340,301	243,778	4,352	70,912
7 Area not used for agriculture or not drained.....acres served 1960...	...	...	...	1,400	...	...	...	...	1,160
8 Net area drained and used for agriculture.....acres served 1960...	96,505	226,303	171,136	181,000	168,192	340,762	243,778	4,352	69,752
9 Drainage established before 1950.....acres served 1960...	96,205	225,843	171,136	181,000	168,192	340,301	243,778	4,352	69,752
10 Area added, 1950-1959.....acres served 1960...	300	460	...	...	...	461	...	...	...
11 Area served by two or more projects.....acres served 1960...	4,818	750	...	200	...	20,071	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner.....number of projects...	...	...	...	...	...	3	...	...	...
13 .....	...	...	...	...	...	6,300	...	...	...
14 Cooperative or mutual drains.....number of projects...	4	1	...	1	...	8	...	...	...
15	5,118	750	...	200	...	14,232	...	...	...
16 Legally organized public drains.....number of projects...	1	1	1	1	1	1	1	1	1
17	96,205	226,303	171,136	181,000	168,192	340,301	243,778	4,352	69,752
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959.....number of projects...	3	1	...	1	...	6	...	...	...
19	2,618	750	...	200	...	9,110	...	...	...
20 Prior to 1950.....number of projects...	2	1	1	1	1	6	1	1	1
21	98,705	226,303	171,136	181,000	168,192	351,723	243,778	4,352	69,752
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	5	2	1	2	1	10	1	...	1
23	36,718	180,442	276,192	42,057	30,074	135,548	103,705	...	73,706
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	2	1	1	...	4	...	...	...
25 .....	...	120,442	6,470	717	...	31,267	...	...	...
26 Open ditches.....projects reporting...	...	2	...	1	...	3	...	...	...
27 .....	...	13.8	...	0.2	...	8.2	...	...	...
28 Tile or covered drains.....projects reporting...	...	2	1	...	...	1	...	...	...
29 .....	...	2.5	1.0	...	...	1.0	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31 .....	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 .....	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	1	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	5	1	1	1	1	7	1	...	1
36	36,718	60,000	269,722	41,340	30,074	104,281	103,705	...	73,706

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Knox	Kosciusko	Lagrange	Lake	La Porte	Madison	Marion	Marshall	Miami
AREA									
1 Approximate land area.....acres 1960...	330,880	344,320	242,560	328,960	389,120	289,920	257,280	284,160	243,200
2 Land in farms.....acres 1959...	302,364	302,391	213,985	191,081	305,954	246,700	105,941	261,353	213,876
3 Drainage projects..... number 1960...	1	1	1	8	1	12	1	1	2
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	196,380	305,421	181,813	158,057	203,504	226,944	85,891	249,421	121,212
6 1950...	196,380	305,421	181,813	158,057	203,184	226,944	71,251	247,501	107,512
7 Area not used for agriculture or not drained..... acres served 1960...	1,440	1,600	1,600	1,134	5,820	...	11,040	...	2,940
8 Net area drained and used for agriculture..... acres served 1960...	194,940	303,821	180,213	156,923	197,684	226,944	74,851	249,421	118,272
9 Drainage established before 1950..... acres served 1960...	194,940	303,821	180,213	156,923	197,684	226,944	74,851	247,501	105,292
10 Area added, 1950-1959..... acres served 1960...	...	...	...	...	...	...	...	1,920	12,980
11 Area served by two or more projects..... acres served 1960...	...	...	...	8,360	...	11,525	...	...	420
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	...
13 acres served ²..	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	7	...	11	...	...	1
15 acres served ²..	...	...	...	8,360	...	11,525	...	...	520
16 Legally organized public drains..... number of projects...	1	1	1	1	1	1	1	1	1
17 acres served ² ..	194,940	303,821	180,213	156,923	197,684	226,944	74,851	249,421	118,172
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	...	...	...	6	...	11	...	...	1
19 acres served ²..	...	...	...	5,760	...	11,525	...	...	520
20 Prior to 1950..... number of projects...	1	1	1	2	1	1	1	1	1
21 acres served ² ..	194,940	303,821	180,213	159,523	197,684	226,944	74,851	249,421	118,172
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	1	1	1	8	1	12	1	1	2
23 dollars...	440,719	296,911	130,695	161,465	44,309	96,934	6,121	268,785	343,041
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	1	1	4	1	11	...	1	2
25 dollars...	...	8,054	130,695	75,187	43,309	49,812	...	83,729	142,688
26 Open ditches.....projects reporting...	...	...	1	4	...	10	...	1	2
27 length, miles...	...	...	31.7	11.3	...	18.2	...	38.2	16.0
28 Tile or covered drains.....projects reporting...	...	1	1	1	1	3	...	...	1
29 length, miles...	...	0.9	3.0	0.3	0.1	1.7	...	...	16.4
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	1	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	1	...	5	1	1	1	1	1
36 dollars...	440,719	288,857	...	86,278	1,000	47,122	6,121	185,056	200,353

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Montgomery	Morgan	Newton	Noble	Ohio	Owen	Parke	Perry	Pike
AREA									
1 Approximate land area.....acres 1960...	324,480	259,840	263,040	262,400	55,680	246,400	288,640	245,760	214,400
2 Land in farms.....acres 1959...	295,284	182,835	233,631	240,511	46,182	156,162	229,105	137,066	120,411
3 Drainage projects.....number 1960...	16	1	26	3	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹.....acres served 1960...	142,897	41,344	239,624	188,704	1,229	4,608	15,616	768	122,178
6	136,478	41,344	238,464	187,904	1,229	4,608	15,616	768	123,238
7 Area not used for agriculture or not drained.....acres served 1960...	...	...	1,200	...	...	...	...	...	...
8 Net area drained and used for agriculture.....acres served 1960...	142,897	41,344	238,424	188,704	1,229	4,608	15,616	768	122,178
9 Drainage established before 1960.....acres served 1960...	137,838	41,344	238,424	187,904	1,229	4,608	15,616	768	122,178
10 Area added, 1950-1959.....acres served 1960...	5,059	...	...	800	...	...	...	...	...
11 Area served by two or more projects.....acres served 1960...	9,276	...	25,554	1,300	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner.....number of projects...	1	...	5	...	...	...	...	...	...
13	1,000	...	2,805	...	...	...	...	...	...
14 Cooperative or mutual drains.....number of projects...	14	...	20	2	...	...	...	...	...
15	13,895	...	26,529	2,100	...	...	...	...	...
16 Legally organized public drains.....number of projects...	1	1	1	1	1	1	1	1	1
17	137,278	41,344	237,724	187,904	1,229	4,608	15,616	768	122,178
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959.....number of projects...	13	...	14	2	...	...	...	...	...
19	11,095	...	17,649	2,100	...	...	...	...	...
20 Prior to 1950.....number of projects...	3	1	12	1	1	1	1	1	1
21	141,078	41,344	249,409	187,904	1,229	4,608	15,616	768	122,178
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	14	1	18	3	...	...	...	...	...
23	227,212	28,932	144,403	127,701	...	...	...	...	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	9	...	9	3	...	...	...	...	...
25	71,208	...	87,094	21,456	...	...	...	...	...
26 Open ditches.....projects reporting...	6	...	9	3	...	...	...	...	...
27	7.8	...	20.8	5.9	...	...	...	...	...
28 Tile or covered drains.....projects reporting...	4	...	1	1	...	...	...	...	...
29	5.2	...	0.1	2.0	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31 .....	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 .....	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	1	...	5	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	8	1	11	1	...	...	...	...	...
36	156,004	28,932	57,309	106,245	...	...	...	...	...

¹Land served by two or more projects counted only once.

²Acres served by two projects are included for each project. See text.

³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	Porter	Posey	Pulaski	Putnam	Randolph	Ruah	St. Joseph	Scott	Shelby
AREA									
1 Approximate land area.....acres 1960...	272,000	264,960	277,120	312,320	292,480	261,760	298,880	123,520	261,760
2 Land in farms.....acres 1959...	206,571	230,799	252,659	264,434	271,672	255,010	206,408	83,480	234,689
3 Drainage projects..... number 1960...	1	2	1	1	1	1	4	1	1
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	189,440	199,424	251,366	12,698	251,854	141,176	263,012	12,544	96,707
6 1950...	189,440	199,424	251,366	12,698	249,728	137,856	263,012	12,544	92,800
7 Area not used for agriculture or not drained..... acres served 1960...	3,080	...	...	...	...	...	7,280	...	...
8 Net area drained and used for agriculture..... acres served 1960...	186,360	199,424	251,366	12,698	251,854	141,176	255,732	12,544	96,707
9 Drainage established before 1950..... acres served 1960...	186,360	199,424	251,366	12,698	251,584	137,856	255,732	12,544	96,707
10 Area added, 1950-1959..... acres served 1960...	...	...	...	...	270	3,320	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	600	...	...	...	...	19,764	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	...
13 acres served ²...	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	1	...	...	...	...	3	...	...
15 acres served ²...	...	600	...	...	...	...	19,764	...	...
16 Legally organized public drains..... number of projects...	1	1	1	1	1	1	1	1	1
17 acres served ² ...	186,360	199,424	251,366	12,698	251,854	141,176	255,732	12,544	96,707
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	...	1	...	...	...	...	2	...	...
19 acres served ²...	...	600	...	...	...	...	15,125	...	...
20 Prior to 1950..... number of projects...	1	1	1	1	1	1	2	1	1
21 acres served ² ...	186,360	199,424	251,366	12,698	251,854	141,176	260,371	12,544	96,707
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services..... projects reporting...	1	2	1	...	1	1	4	1	1
23 dollars...	42,811	24,144	230,055	...	436,025	283,772	407,311	500	54,199
24 New drainage works constructed, enlarged, or installed..... projects reporting...	1	...	1	...	1	1	3	...	...
25 dollars...	18,742	...	39,996	...	73,364	97,343	140,935	...	...
26 Open ditches..... projects reporting...	...	...	1	...	1	1	3	...	...
27 length, miles...	...	...	6.2	...	8.2	8.9	41.1	...	...
28 Tile or covered drains..... projects reporting...	1	...	1	...	1	1	1	...	...
29 length, miles...	2.6	...	2.9	...	7.7	9.2	13.0	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	1	2	1	...	1	1	3	1	1
36 dollars...	24,069	24,144	190,059	...	362,661	186,429	266,376	500	54,199

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Spencer	Starke	Steuben	Sullivan	Tippecanoe	Tipton	Union	Vanderburgh	Vermillion
AREA									
1 Approximate land area.....acres 1960...	253,440	199,040	198,400	292,480	320,640	167,040	107,520	154,240	168,320
2 Land in farms.....acres 1959...	201,308	163,844	169,997	223,712	280,727	163,571	98,514	100,713	131,585
3 Drainage projects..... number 1960...	3	1	1	3	17	1	2	2	3
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	83,040	190,065	142,336	39,456	155,415	167,040	4,341	64,476	7,296
6 1950...	83,040	190,065	142,336	39,456	147,584	167,040	3,789	64,336	7,296
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	1,920	720	...	6,616	...
8 Net area drained and used for agriculture..... acres served 1960...	83,040	190,065	142,336	39,456	153,495	166,320	4,341	57,860	7,296
9 Drainage established before 1950..... acres served 1960...	83,040	190,065	142,336	39,456	149,214	166,320	3,789	57,860	7,296
10 Area added, 1950-1959..... acres served 1960...	...	...	...	...	4,281	...	552	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	15,000	11,432	...	...	...	2,800
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	...
13 acres served ²...	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	2	...	...	...	16	...	1	...	2
15 acres served ² ...	11,648	...	...	...	20,263	...	552	...	2,800
16 Legally organized public drains..... number of projects...	1	1	1	3	1	1	1	2	1
17 acres served ² ...	71,392	190,065	142,336	54,456	145,664	166,320	3,789	57,860	7,296
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959..... number of projects...	...	...	...	...	8	...	1	...	1
19 acres served ²...	...	...	...	...	8,942	...	552	...	1,000
20 Prior to 1960..... number of projects...	3	1	1	3	9	1	1	2	2
21 acres served ² ...	83,040	190,065	142,336	54,456	156,985	166,320	3,789	57,860	9,096
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services..... projects reporting...	1	1	1	3	17	1	2	2	2
23 dollars...	15,226	61,988	116,581	262,297	346,641	38,978	9,442	108,187	6,750
24 New drainage works constructed, enlarged, or installed..... projects reporting...	...	1	...	...	12	...	(⁴)	1	1
25 dollars...	...	26,064	...	...	204,159	...	(⁴)	3,130	2,500
26 Open ditches..... projects reporting...	...	1	...	...	12	...	...	1	1
27 length, miles...	...	25.0	...	...	11.9	...	...	0.2	0.2
28 Tile or covered drains..... projects reporting...	...	1	...	...	4	...	(⁴)	1	1
29 length, miles...	...	1.0	...	...	4.1	...	(⁴)	0.1	0.1
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...	1
31 length, miles...	...	...	...	...	...	...	...	...	0.1
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	4	...	...	...	1
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	1	1	1	3	13	1	1	2	2
36 dollars...	15,226	35,924	116,581	262,297	142,482	38,978	3,152	105,057	4,250

¹Land served by two or more projects counted only once.

²Acres served by two projects are included for each project. See text.

³Includes projects taken over by another project prior to 1960. See text.

⁴Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. --DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Vigo	Wabash	Warren	Warrick	Washing- ton	Wayne	Wells	White	Whitley
AREA									
1 Approximate land area.....acres 1960...	265,600	269,440	235,520	250,240	330,240	259,200	235,520	318,080	215,040
2 Land in farms.....acres 1959...	179,274	246,582	209,853	145,104	266,323	225,442	222,221	296,318	195,272
3 Drainage projects..... number 1960...	6	5	17	3	1	1	2	4	1
4	1950...	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	35,862	172,928	79,240	143,104	12,544	23,885	206,029	264,464	206,251
6	1950...	31,962	172,928	76,800	143,104	12,544	23,885	206,029	206,251
7 Area not used for agriculture or not drained..... acres served 1960...	800	...	...	...	...	...	780	...	...
8 Net area drained and used for agriculture..... acres served 1960...	35,062	172,928	79,240	143,104	12,544	23,885	205,249	264,464	206,251
9 Drainage established before 1950..... acres served 1960...	31,162	172,928	70,912	143,104	12,544	23,885	205,249	264,064	206,251
10 Area added, 1950-1959..... acres served 1960...	3,900	...	8,328	...	...	...	...	400	...
11 Area served by two or more projects..... acres served 1960...	2,800	2,390	4,378	1,520	...	...	400	1,800	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	2	...	...	...	...	...	...	3	...
13	acres served ² ...	2,300	...	...	...	...	...	2,200	...
14 Cooperative or mutual drains..... number of projects...	3	4	16	2	...	...	1	...	...
15	acres served ² ...	4,400	2,390	12,706	1,520	...	400	...	...
16 Legally organized public drains..... number of projects...	1	1	1	1	1	1	1	1	1
17	acres served ² ...	31,162	172,928	70,912	143,104	12,544	23,885	205,249	264,064
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959..... number of projects...	5	4	14	2	...	...	1	3	...
19	acres served ² ...	6,700	2,390	10,756	1,520	...	400	2,200	...
20 Prior to 1950..... number of projects...	1	1	3	1	1	1	1	1	1
21	acres served ² ...	31,162	172,928	72,862	143,104	12,544	23,885	205,249	264,064
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	5	5	14	3	...	1	2	4	1
23	dollars...	26,425	223,739	48,571	152,689	...	10,328	98,542	1,083,730
24 New drainage works constructed, enlarged, or installed.....projects reporting...	2	4	11	...	...	...	(⁴)	4	...
25	dollars...	5,250	7,876	34,861	...	...	(⁴)	115,786	...
26 Open ditches.....projects reporting...	2	3	9	...	...	...	(⁴)	4	...
27	length, miles...	1.7	2.2	7.9	...	...	(⁴)	13.3	...
28 Tile or covered drains.....projects reporting...	...	1	2	...	...	...	...	1	...
29	length, miles...	...	0.4	1.0	...	...	...	1.7	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31	length, miles...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33	number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	5	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	4	1	7	3	...	1	1	1	1
36	dollars...	21,175	215,863	13,710	152,689	...	10,328	97,846	967,944

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.⁴Included in State total only.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area.....acres...	35,860,480	35,868,800	35,831,040	35,575,040	35,575,040
Land in farms.....acres...	33,830,950	34,264,639	34,148,673	34,019,332	33,474,896
Drainage projects.....number...	249	86	¹ 3,180	NA	NA
Total area in drainage projects.....acres served...	6,884,409	6,734,863	6,164,344	6,137,649	5,224,478
Area not used for agriculture or not drained.....acres served...	13,070	NA	NA	NA	NA
Net area drained and used for agriculture.....acres served...	6,871,339	NA	² 5,945,393	² 6,105,496	NA
Drainage established 10 years or more before Census date.....acres served...	6,748,104	NA	NA	NA	NA
Drainage established within 10 years of Census date.....acres served...	123,235	NA	NA	NA	NA
Area served by two or more projects.....acres served...	190,819	NA	1,380,587	1,259,995	681,265
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner.....number of projects...	10	⁽³⁾	NA	NA	NA
.....acres served...	11,428	⁽³⁾	53,786	21,557	12,795
Cooperative or mutual drains.....number of projects...	89	⁽³⁾
.....acres served...	125,657	⁽³⁾
Legally organized public drains.....number of projects...	150	³ 86	NA	NA	NA
.....acres served...	6,926,485	³ 6,734,863	6,110,558	6,116,092	5,211,683
PROJECTS BY YEAR STARTED⁴					
Started 10 years or more before Census date.....number of projects...	185	NA	NA	NA	NA
.....acres served...	6,988,202	NA	6,092,679	5,517,032	⁴ 2,134,524
Started within 10 years of Census date.....number of projects...	64	NA	NA	NA	NA
.....acres served...	¹ 75,368	NA	71,665	620,617	⁴ 3,077,143
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services.....projects reporting...	202	77	NA	NA	NA
.....dollars...	21,032,299	13,302,757	NA	NA	NA
New drainage works constructed, enlarged, or installed.....projects reporting...	110	⁵ 35	NA	NA	NA
.....cost, dollars...	5,726,914	⁵ 2,143,433	NA	NA	NA
Open ditches.....projects reporting...	78	33	NA	NA	NA
.....length, miles...	271.1	203	NA	NA	NA
Tile or covered drains.....projects reporting...	60	23	NA	NA	NA
.....length, miles...	282.8	165	NA	NA	NA
Levees or dikes.....projects reporting...	6	4	NA	NA	NA
.....length, miles...	6.5	35	NA	NA	NA
Pumps.....projects reporting...	2	NA	NA	NA	NA
.....number of pumps...	2	NA	NA	NA	NA
Other (see text).....projects reporting...	19	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration.....projects reporting...	138	77	NA	NA	NA
.....dollars...	15,305,385	11,159,324	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment.....dollars...	NA	NA	75,374,497	77,478,893	49,627,304
Physical works:					
Open ditches.....length, miles...	NA	NA	5,189.7	4,800.0	3,998.0
Tile drains.....length, miles...	NA	NA	12,873.2	13,382.4	10,384.9
Levees and dikes.....length, miles...	NA	NA	456.8	113.4	45.2
Pumping units.....number of units...	NA	NA	18	21	NA

NA Not available.

¹In 1940 each county drain was counted as a separate project. See text.²Not fully comparable. See text.³All projects in 1950 included with county drains. See text.⁴1920 figures exclude 12,811 acres for which date of organization was not reported.⁵Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	249	7,063,570	383,050	203	6,939,308	77	124,262
2	500 to 999 acres.....	61	40,868	8,224	33	21,808	31	19,060
3	1,000 to 1,999 acres.....	51	72,690	12,500	38	52,784	16	19,906
4	2,000 to 4,999 acres.....	36	115,231	12,652	31	97,849	7	17,382
5	5,000 to 9,999 acres.....	19	140,346	2,500	19	139,746	1	600
6	10,000 to 19,999 acres.....	30	429,493	11,749	30	427,883	1	1,610
7	20,000 to 49,999 acres.....	16	532,875	3,960	16	532,875	...	...
8	50,000 to 99,999 acres.....	13	932,852	268,999	13	928,154	4	4,698
9	100,000 or more acres.....	23	4,799,215	62,506	23	4,738,209	17	61,006

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	249	7,063,570	383,050	203	6,939,308	77	124,262
2	Drains owned by one landowner.....	10	11,428	2,935	3	4,215	8	7,213
3	Cooperative or mutual drains.....	89	125,657	29,441	50	76,522	46	49,135
4	Legally organized public drains.....	150	6,926,485	350,674	150	6,858,571	23	67,914

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	249	7,063,570	383,050	203	6,939,308	77	124,262
2	1950-1959.....	64	75,368	20,751	18	19,724	52	55,644
3	Prior to 1950.....	185	6,988,202	362,299	185	6,919,584	25	68,618

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
202	21,032,299	110	5,726,914	78	271.1	60	282.8	6	6.5	2	2	19	1
50	255,517	38	241,123	20	22.0	25	51.5	1	1.5	1	1	3	2
40	186,667	22	120,577	18	27.6	8	26.6	1	0.6	...	...	7	3
31	518,510	13	129,947	11	26.0	4	7.7	1	0.1	...	...	2	4
14	161,245	3	30,279	2	10.3	1	0.8	...	...	...	...	...	5
20	2,111,382	4	237,336	4	7.2	...	...	3	4.3	...	...	3	6
11	1,748,754	2	122,532	2	20.4	...	...	...	...	...	...	...	7
13	3,735,017	7	1,160,903	4	39.8	3	4.2	...	...	1	1	2	8
23	12,315,207	21	3,684,217	17	117.8	19	192.0	...	...	...	...	2	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
202	21,032,299	110	5,726,914	78	271.1	60	282.8	6	6.5	2	2	19	1
10	78,749	10	75,749	4	6.1	7	20.0	1	1.5	1	1	1	2
67	425,094	61	410,626	44	66.1	29	65.1	2	0.7	...	...	10	3
125	20,528,456	39	5,240,539	30	198.9	24	197.7	3	4.3	1	1	8	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
202	21,032,299	110	5,726,914	78	271.1	60	282.8	6	6.5	2	2	19	1
64	442,370	64	437,340	45	66.2	32	75.3	1	0.1	...	...	9	2
138	20,589,929	46	5,289,574	33	204.9	28	207.5	5	6.4	2	2	10	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1.—DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Adair	Adams	Allamakee	Appanoose	Audubon	Benton	Black Hawk	Boone
AREA									
1 Approximate land area.....acres 1960...	35,860,480	364,160	272,640	408,960	334,720	286,720	459,520	362,880	366,720
2 Land in farms.....acres 1959...	33,830,950	353,983	260,160	357,225	303,805	277,950	441,685	329,100	349,566
3 Drainage projects..... number 1960...	249	1	1	2	1	5	1	4	2
4	86	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	6,884,409	3,328	13,751	9,355	14,336	21,826	410	12,647	147,477
6	6,734,863	3,328	13,751	9,355	14,336	15,622	410	10,322	144,691
7 Area not used for agriculture or not drained..... acres served 1960...	13,070	...	...	...	...	...	...	...	2,240
8 Net area drained and used for agriculture..... acres served 1960...	6,871,339	3,328	13,751	9,355	14,336	21,826	410	12,647	145,237
9 Drainage established before 1950..... acres served 1960...	6,748,104	3,328	13,751	9,355	14,336	21,186	410	10,322	142,451
10 Area added, 1950-1959..... acres served 1960...	123,235	...	...	...	...	640	...	2,325	2,786
11 Area served by two or more projects..... acres served 1960...	190,819	...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	10	...	...	...	...	1	...	...	...
13	11,428	...	...	...	...	640	...	...	...
14 Cooperative or mutual drains..... number of projects...	89	...	...	...	...	3	...	3	1
15	125,657	...	...	...	...	5,564	...	2,325	506
16 Legally organized public drains..... number of projects...	150	1	1	2	1	1	1	1	1
17	6,926,485	3,328	13,751	9,355	14,336	15,622	410	10,322	144,731
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	64	...	...	...	...	1	...	3	1
19	75,368	...	...	...	...	640	...	2,325	506
20 Prior to 1950..... number of projects...	185	1	1	2	1	4	1	1	1
21	6,988,202	3,328	13,751	9,355	14,336	21,186	410	10,322	144,731
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	202	1	...	1	...	2	...	4	2
23	21,032,299	3,385	...	17,499	...	8,412	...	28,427	130,875
24 New drainage works constructed, enlarged, or installed.....projects reporting...	110	...	...	1	...	2	...	3	2
25	5,726,914	...	...	14,918	...	6,434	...	25,544	46,207
26 Open ditches.....projects reporting...	78	...	...	1	...	2	...	3	...
27	271.1	...	...	7.0	...	1.5	...	3.8	...
28 Tile or covered drains.....projects reporting...	60	...	...	...	...	...	...	2	2
29	282.8	...	...	...	...	...	...	3.8	6.7
30 Levees or dikes.....projects reporting...	6	...	...	...	...	...	...	...	...
31	6.5	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	2	...	...	...	...	...	...	...	...
33	2	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	19	...	...	...	...	1	...	...	1
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	138	1	...	1	...	1	...	1	1
36	15,305,385	3,385	...	2,581	...	1,978	...	2,883	84,668

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Bremer	Buchanan	Buena Vista	Butler	Calhoun	Carroll	Cass	Cedar	Cerro Gordo
AREA									
1 Approximate land area.....acres 1960...	280,960	364,160	366,720	372,480	366,080	367,360	357,760	374,400	368,640
2 Land in farms.....acres 1959...	264,952	350,406	358,595	356,218	355,559	364,756	349,904	352,107	340,504
3 Drainage projects..... number 1960...	1	4	2	3	1	2	4	1	8
4	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	8,678	5,457	237,450	2,719	285,471	117,962	41,205	10,354	132,771
6	8,078	3,277	237,450	819	285,471	117,962	26,705	10,354	124,974
7 Area not used for agriculture or not drained acres served 1960...	...	...	...	...	...	1,080	1,200	...	1,760
8 Net area drained and used for agriculture acres served 1960...	8,678	5,457	237,450	2,719	285,471	116,882	40,005	10,354	131,011
9 Drainage established before 1950..... acres served 1960...	8,078	3,277	237,450	819	285,471	116,882	40,005	10,354	123,214
10 Area added, 1950-1959 acres served 1960...	600	2,180	...	1,900	...	...	...	...	7,797
11 Area served by two or more projects..... acres served 1960...	...	...	520	...	...	73,143	...	...	360
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner number of projects...	...	...	...	...	...	...	...	...	1
13 .....	...	...	...	...	...	...	...	...	1,100
14 Cooperative or mutual drains..... number of projects...	...	2	1	2	...	...	3	...	6
15 .....	...	2,180	520	1,900	...	...	14,000	...	6,016
16 Legally organized public drains..... number of projects...	1	2	1	1	1	2	1	1	1
17	8,678	3,277	237,450	819	285,471	190,025	26,005	10,354	124,255
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959 number of projects...	...	2	1	2	...	...	...	...	6
19 .....	...	2,180	520	1,900	...	...	...	...	5,912
20 Prior to 1950..... number of projects...	1	2	1	1	1	2	4	1	2
21	8,678	3,277	237,450	819	285,471	190,025	40,005	10,354	125,459
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services projects reporting...	1	4	2	2	1	2	...	1	7
23	6,533	5,687	731,628	5,095	742,312	648,064	...	7,866	163,185
24 New drainage works constructed, enlarged, or installed..... projects reporting...	1	2	2	2	...	...	...	...	7
25	4,361	4,160	246,633	5,095	...	...	...	...	89,572
26 Open ditches..... projects reporting...	...	2	1	2	...	...	...	...	4
27 .....	...	2.6	5.2	1.2	...	...	...	...	4.3
28 Tile or covered drains..... projects reporting...	1	...	2	1	...	...	...	...	6
29	0.8	...	38.5	0.7	...	...	...	...	8.1
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...	...
31 .....	...	...	...	...	...	...	...	...	...
32 Pumps projects reporting...	...	...	...	...	...	...	...	...	...
33 .....	...	...	...	...	...	...	...	...	...
34 Other (see text) projects reporting...	...	...	...	1	...	...	...	...	3
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	1	2	1	...	1	2	...	1	1
36	2,172	1,527	484,995	...	742,312	648,064	...	7,866	73,613

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Chickasaw	Clay	Clinton	Crawford	Dallas	Davis	Deostur	Delaware	Des Moines
AREA									
1 Approximate land area.....acres 1960...	323,200	365,440	444,800	458,240	382,080	325,760	339,200	366,720	261,760
2 Land in farms.....acres 1959...	306,559	343,215	418,064	439,662	354,014	294,228	301,269	351,162	235,442
3 Drainage projects..... number 1960...	1	2	4	1	1	2	1	1	3
4 1950...	...	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	347	139,535	86,220	40,632	91,234	32,131	19,001	1,575	35,041
6 1950...	...	132,987	82,176	40,632	90,588	32,131	19,001	1,575	32,768
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	1,280	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	347	139,535	86,220	40,632	89,954	32,131	19,001	1,575	35,041
9 Drainage established before 1950..... acres served 1960...	...	132,987	82,176	40,632	89,308	32,131	19,001	1,575	35,041
10 Area added, 1950-1959..... acres served 1960...	347	6,548	4,044	...	646	...	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	...
13 acres served ²..	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	1	1	3	...	...	...	...	1	...
15 acres served ² ..	347	660	4,044	...	...	...	...	1,575	...
16 Legally organized public drains..... number of projects...	...	1	1	1	1	2	1	...	3
17 acres served ²..	...	138,875	82,176	40,632	89,954	32,131	19,001	...	35,041
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	1	1	3	...	...	...	...	...	...
19 acres served ² ..	347	660	4,044	...	...	...	...	...	...
20 Prior to 1950..... number of projects...	...	1	1	1	1	2	1	1	3
21 acres served ²..	...	138,875	82,176	40,632	89,954	32,131	19,001	1,575	35,041
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services..... projects reporting...	1	2	4	1	1	2	...	...	3
23 dollars...	5,300	215,317	259,838	83,083	37,724	8,256	...	...	688,465
24 New drainage works constructed, enlarged, or installed..... projects reporting...	1	2	4	...	1	...	...	...	...
25 dollars...	5,300	168,485	84,618	...	29,069	...	...	...	...
26 Open ditches..... projects reporting...	...	2	3	...	...	...	...	...	...
27 length, miles...	...	5.2	11.1	...	...	...	...	...	...
28 Tile or covered drains..... projects reporting...	1	1	2	...	1	...	...	...	...
29 length, miles...	1.9	15.6	0.9	...	3.7	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	1	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	...	1	1	1	1	2	...	...	3
36 dollars...	...	46,832	175,220	83,083	8,655	8,256	...	...	688,465

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin	Fremont	Greene	Grundy
AREA									
1 Approximate land area.....acres 1960...	240,640	389,120	252,800	465,920	321,920	375,040	334,720	364,160	320,640
2 Land in farms.....acres 1959...	237,704	343,185	240,384	447,708	304,207	363,684	311,881	354,548	319,596
3 Drainage projects..... number 1960...	1	1	1	3	3	17	11	3	14
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	127,379	1,475	185,699	4,683	41,808	166,236	111,446	156,389	22,478
6 1950...	126,979	1,475	184,650	3,113	39,538	159,517	111,446	153,139	10,748
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	560	...
8 Net area drained and used for agriculture..... acres served 1960...	127,379	1,475	185,699	4,683	41,808	166,236	111,446	155,829	22,478
9 Drainage established before 1950..... acres served 1960...	126,979	1,475	184,650	3,113	39,538	160,207	111,446	152,579	11,282
10 Area added, 1950-1959..... acres served 1960...	400	...	1,049	1,570	2,270	6,029	...	3,250	11,196
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	516	37,066	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	1	3
13 acres served ²...	...	...	...	...	...	...	...	690	2,093
14 Cooperative or mutual drains..... number of projects...	...	...	...	2	2	3	4	...	10
15 acres served ²...	...	...	...	1,570	2,270	2,958	3,890	...	11,668
16 Legally organized public drains..... number of projects...	1	1	1	1	1	14	7	2	1
17 acres served ² ...	127,379	1,475	185,699	3,113	39,538	163,794	146,034	155,139	8,717
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	...	...	...	2	2	2	4	1	10
19 acres served ²...	...	...	...	1,570	2,270	2,268	3,890	690	10,492
20 Prior to 1950..... number of projects...	1	1	1	1	1	15	7	2	4
21 acres served ² ...	127,379	1,475	185,699	3,113	39,538	164,484	146,034	155,139	11,986
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	1	1	1	3	3	17	10	3	13
23 dollars...	106,099	5,000	208,655	3,737	58,334	355,749	670,417	576,455	62,108
24 New drainage works constructed, enlarged, or installed.....projects reporting...	1	...	1	2	2	3	5	2	12
25 dollars...	15,000	...	10,083	2,652	9,005	97,570	50,787	137,829	61,807
26 Open ditches.....projects reporting...	...	...	1	2	2	1	5	1	4
27 length, miles...	...	...	1.5	1.5	1.6	0.2	26.3	1.8	2.9
28 Tile or covered drains.....projects reporting...	1	...	1	...	...	3	1	2	10
29 length, miles...	1.5	...	3.7	...	...	13.1	0.1	13.1	13.2
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	2	...	1	...	1
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	1	1	1	1	15	6	2	1
36 dollars...	91,099	5,000	198,572	1,085	49,329	258,179	619,630	438,626	301

¹Land served by two or more projects counted only once.

²Acres served by two projects are included for each project. See text.

³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Guthrie	Hamilton	Hancock	Hardin	Harrison	Howard	Humboldt	Iowa	Jackson
AREA									
1 Approximate land area.....acres 1960...	381,440	369,280	364,800	367,360	444,800	301,440	278,400	373,760	412,160
2 Land in farms.....acres 1959...	347,101	363,877	352,728	352,136	414,419	292,276	277,040	356,426	368,918
3 Drainage projects..... number 1960...	1	3	3	1	7	2	2	3	1
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	15,104	265,793	312,559	162,388	142,579	7,901	204,220	21,459	5,018
6 1950...	15,104	261,348	306,318	150,032	139,379	7,737	203,290	19,169	8,448
7 Area not used for agriculture or not drained..... acres served 1960...	...	500	...	...	...	...	850	1,200	...
8 Net area drained and used for agriculture..... acres served 1960...	15,104	265,293	312,559	162,388	142,579	7,901	203,370	20,259	5,018
9 Drainage established before 1950..... acres served 1960...	15,104	260,848	306,318	152,632	139,379	7,737	203,290	18,649	5,018
10 Area added, 1950-1959..... acres served 1960...	...	4,445	6,241	9,756	3,200	164	80	1,610	...
11 Area served by two or more projects..... acres served 1960...	...	2,660	700	...	1,200	...	500	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	...
13 acres served ²...	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	2	2	...	1	1	1	2	...
15 acres served ²...	...	2,660	1,278	...	1,200	164	500	1,863	...
16 Legally organized public drains..... number of projects...	1	1	1	1	6	1	1	1	1
17 acres served ² ...	15,104	265,293	311,981	162,388	142,579	7,737	203,370	18,396	5,018
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	...	...	1	...	1	1	...	...	...
19 acres served ²...	...	...	700	...	1,200	164	...	...	...
20 Prior to 1950..... number of projects...	1	3	2	1	6	1	2	3	1
21 acres served ² ...	15,104	267,953	312,559	162,388	142,579	7,737	203,870	20,259	5,018
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services..... projects reporting...	1	2	1	1	7	1	1	2	1
23 dollars...	14,547	587,419	767,695	271,012	1,720,901	4,798	441,971	66,337	17,892
24 New drainage works constructed, enlarged, or installed..... projects reporting...	...	2	1	1	3	...	1	1	...
25 dollars...	...	216,892	302,023	144,201	1,023,454	...	54,466	62,302	...
26 Open ditches..... projects reporting...	...	1	1	1	2	...	1	1	...
27 length, miles...	...	0.9	16.2	7.3	10.5	...	1.0	1.7	...
28 Tile or covered drains..... projects reporting...	...	1	1	1	...	...	1	...	...
29 length, miles...	...	26.1	13.8	19.5	...	...	3.4	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	1	...
31 length, miles...	...	...	...	...	...	...	...	1.5	...
32 Pumps..... projects reporting...	...	...	...	...	1	...	...	...	...
33 number of pumps...	...	...	...	...	1	...	...	...	...
34 Other (see text)..... projects reporting...	...	1	1	...	...	...	...	1	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	1	2	1	1	7	1	1	2	1
36 dollars...	14,547	370,527	465,672	126,811	697,447	4,798	387,505	4,035	17,892

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Jasper	Jefferson	Johnson	Jones	Kossuth	Lee	Linn	Louisa	Madison
AREA									
1 Approximate land area.....acres 1960...	471,040	279,040	394,880	374,400	626,560	334,080	456,320	257,920	361,600
2 Land in farms.....acres 1959...	442,029	255,595	354,829	351,133	612,854	294,451	405,781	235,354	343,784
3 Drainage projects..... number 1960...	2	1	1	1	8	3	1	8	1
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	55,992	9,339	13,824	1,311	476,591	26,180	4,864	53,320	1,040
6 1950...	66,816	9,339	13,824	1,311	475,136	13,824	4,864	52,330	1,040
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	55,992	9,339	13,824	1,311	476,591	26,180	4,864	53,320	1,040
9 Drainage established before 1960..... acres served 1960...	55,992	9,339	13,824	1,311	474,816	26,180	4,864	51,970	1,040
10 Area added, 1950-1959..... acres served 1960...	...	...	...	...	1,775	...	...	1,350	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	5,342	535	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	1	1	...	...	...
13 acres served ²...	...	...	...	...	3,480	535	...	...	...
14 Cooperative or mutual drains..... number of projects...	1	...	...	...	5	...	...	1	...
15 acres served ² ...	3,000	...	...	...	4,917	...	...	1,350	...
16 Legally organized public drains..... number of projects...	1	1	1	1	2	2	1	7	1
17 acres served ² ...	52,992	9,339	13,824	1,311	473,536	26,180	4,864	51,970	1,040
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959..... number of projects...	...	...	...	...	3	...	...	1	...
19 acres served ²...	...	...	...	...	2,887	...	...	1,350	...
20 Prior to 1960..... number of projects...	2	1	1	1	5	3	1	7	1
21 acres served ² ...	55,992	9,339	13,824	1,311	479,046	26,715	4,864	51,970	1,040
DRAINAGE OPERATIONS, 1960-1959³									
22 Cost of drainage works and services.....projects reporting...	1	...	...	1	7	2	1	7	...
23 dollars...	6,098	...	...	1,489	605,138	243,800	2,795	385,637	...
24 New drainage works constructed, enlarged, of installed.....projects reporting...	...	...	...	...	5	2	...	2	...
25 dollars...	...	...	...	...	49,657	85,500	...	102,950	...
26 Open ditches.....projects reporting...	...	...	...	...	3	2	...	2	...
27 length, miles...	...	...	...	...	2.9	5.0	...	3.5	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	4	...	...	...	...
29 length, miles...	...	...	...	...	5.6	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	2	...	1	...
31 length, miles...	...	...	...	...	...	1.8	...	2.5	...
32 Pumps.....projects reporting...	...	...	...	...	...	1	...	...	...
33 number of pumps...	...	...	...	...	...	1	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	1	...	...	1	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	...	...	1	4	1	1	6	...
36 dollars...	6,098	...	...	1,489	555,481	158,300	2,795	282,687	...

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1960 data]

Item and Census year	Maheaska	Marion	Marshall	Mills	Mitchell	Monona	Montgomery	Muscatine	O'Brien
AREA									
1 Approximate land area.....acres 1960...	366,080	363,520	367,360	285,440	298,880	446,080	270,080	280,960	368,000
2 Land in farms.....acres 1960...	354,292	334,963	353,779	265,606	283,982	418,442	266,481	257,629	357,178
3 Drainage projects..... number 1960...	3	2	2	13	2	4	2	2	1
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	37,519	21,966	20,480	75,040	12,579	155,566	25,225	31,523	20,019
6 1950...	37,519	22,300	20,480	74,411	12,579	155,566	23,405	31,523	20,019
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	37,519	21,966	20,480	75,040	12,579	155,566	25,225	31,523	20,019
9 Drainage established before 1950..... acres served 1960...	37,519	21,966	20,480	74,411	12,579	155,566	25,225	31,523	20,019
10 Area added, 1950-1959..... acres served 1960...	...	...	...	629	...	...	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	6,574	...	45,364	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	...
13 acres served ²..	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	2	1	...	7	...	...	1	...	...
15 acres served ² ..	2,120	600	...	8,483	...	...	1,820	...	...
16 Legally organized public drains..... number of projects...	1	1	2	6	2	4	1	2	1
17 acres served ² ..	35,399	21,366	20,480	73,131	12,579	200,930	23,405	31,523	20,019
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	...	...	...	4	...	...	...	...	...
19 acres served ²..	...	...	...	5,403	...	...	...	...	...
20 Prior to 1950..... number of projects...	3	2	2	9	2	4	2	2	1
21 acres served ² ..	37,519	21,966	20,480	76,211	12,579	200,930	25,225	31,523	20,019
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	1	...	2	13	2	4	...	2	1
23 dollars...	13,867	...	585	506,986	1,269	2,957,767	...	203,157	9,481
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	...	...	6	...	1	...	...	...
25 dollars...	...	...	...	35,502	...	1,184,818	...	...	...
26 Open ditches.....projects reporting...	...	...	...	6	...	1	...	...	...
27 length, miles...	...	...	...	16.3	...	20.0	...	...	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	2	...	...	...	...	...
31 length, miles...	...	...	...	0.7	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	...	2	11	2	4	...	2	1
36 dollars...	13,867	...	585	471,484	1,269	1,772,949	...	203,157	9,481

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	Osceola	Page	Palo Alto	Plymouth	Pocahontas	Polk	Pottawat- tamie	Poweshiek	Ringgold
AREA									
1 Approximate land area.....acres 1960...	254,080	342,400	359,040	552,320	371,200	380,160	616,960	376,960	344,320
2 Land in farms.....acres 1959...	251,279	331,593	353,597	535,809	358,421	297,321	568,626	364,398	331,318
3 Drainage projects..... number 1960...	2	3	6	1	3	1	5	3	1
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	83,871	49,152	253,715	6,502	314,220	62,796	102,760	16,608	16,043
6 1950...	83,680	49,152	236,593	6,502	306,460	62,796	102,440	17,749	16,043
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	1,760	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	83,871	49,152	253,715	6,502	314,220	61,036	102,760	16,608	16,043
9 Drainage established before 1950..... acres served 1960...	83,330	49,152	236,593	6,502	309,265	61,036	102,440	16,608	16,043
10 Area added, 1950-1959..... acres served 1960...	532	...	17,122	...	4,955	...	320	...	...
11 Area served by two or more projects..... acres served 1960...	2,035	...	4,470	...	900	...	6,760	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	...
13 acres served ²...	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	1	...	5	...	2	...	...	2	...
15 acres served ² ...	2,035	...	10,830	...	1,300	...	...	9,749	...
16 Legally organized public drains..... number of projects...	1	3	1	1	1	1	5	1	1
17 acres served ² ...	83,871	49,152	247,355	6,502	313,820	61,036	109,520	6,859	16,043
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959..... number of projects...	1	...	5	...	...	...	...	...	...
19 acres served ² ...	2,035	...	10,830	...	...	...	...	...	...
20 Prior to 1950..... number of projects...	1	3	1	1	3	1	5	3	1
21 acres served ² ...	83,871	49,152	247,355	6,502	315,120	61,036	109,520	16,608	16,043
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	2	3	6	1	1	1	5	1	...
23 dollars...	42,118	247,496	557,270	5,256	1,317,738	63,226	399,170	30	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	2	2	6	...	1	...	2	...	...
25 dollars...	8,323	123,461	239,094	...	400,012	...	9,551	...	...
26 Open ditches.....projects reporting...	1	2	4	...	1	...	1	...	...
27 length, miles...	3.0	16.3	24.4	...	27.9	...	4.7	...	...
28 Tile or covered drains.....projects reporting...	1	...	3	...	1	...	1	...	...
29 length, miles...	0.4	...	11.5	...	16.1	...	0.7	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	1	...	...	...	1	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	3	1	1	1	1	5	1	...
36 dollars...	33,795	124,035	318,176	5,256	917,726	63,226	389,619	30	...

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Sao	Scott	Shelby	Story	Tama	Taylor	Van Buren	Wepello	Warren
AREA									
1 Approximate land area.....acres 1960...	369,920	289,920	375,680	363,520	460,800	337,920	311,680	279,680	366,080
2 Land in farms.....acres 1959...	358,707	258,024	363,940	348,341	438,238	330,398	281,416	248,356	337,612
3 Drainage projects..... number 1960...	5	1	1	2	1	1	1	5	1
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	121,412	1,638	43,090	168,757	2,611	14,757	13,198	8,645	48,469
6 1950...	117,842	1,638	43,090	168,757	2,611	14,757	13,198	9,696	48,469
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	121,412	1,638	43,090	168,757	2,611	14,757	13,198	8,645	48,469
9 Drainage established before 1950..... acres served 1960...	117,842	1,638	43,090	168,757	2,611	14,757	13,198	8,645	48,469
10 Area added, 1950-1959..... acres served 1960...	3,570	...	...	...	...	...	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	1	...	...	...	...	...	...	...	...
13 acres served ² ...	1,490	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	3	...	...	...	...	...	...	...	...
15 acres served ² ...	2,080	...	...	...	...	...	...	...	...
16 Legally organized public drains..... number of projects...	1	1	1	2	1	1	1	5	1
17 acres served ² ...	117,842	1,638	43,090	168,757	2,611	14,757	13,198	8,645	48,469
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959..... number of projects...	4	...	...	...	...	...	...	...	...
19 acres served ² ...	3,570	...	...	...	...	...	...	...	...
20 Prior to 1960..... number of projects...	1	1	1	2	1	1	1	5	1
21 acres served ² ...	117,842	1,638	43,090	168,757	2,611	14,757	13,198	8,645	48,469
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	5	1	...	2	1	...	...	4	...
23 dollars...	681,347	4,000	...	62,619	4,201	...	...	8,754	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	5	...	...	...	...	...	...	...	...
25 dollars...	27,770	...	...	...	...	...	...	...	...
26 Open ditches.....projects reporting...	4	...	...	...	...	...	...	...	...
27 length, miles...	9.5	...	...	...	...	...	...	...	...
28 Tile or covered drains.....projects reporting...	2	...	...	...	...	...	...	...	...
29 length, miles...	3.0	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	1	...	2	1	...	...	4	...
36 dollars...	653,577	4,000	...	62,619	4,201	...	...	8,754	...

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Washington	Wayne	Webster	Winebago	Woodbury	Worth	Wright
AREA							
1 Approximate land area.....acres 1960...	363,520	340,480	459,520	256,640	557,440	256,000	369,280
2 Land in farms.....acres 1959...	339,969	317,926	437,017	250,977	502,527	249,285	362,797
3 Drainage projects..... number 1960...	2	1	3	13	3	4	1
4	1950...	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	3,755	13,000	320,660	213,765	101,253	129,507	266,320
6	1950...	3,755	13,000	319,318	209,818	101,253	265,120
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	640	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	3,755	13,000	320,020	213,765	101,253	129,507	266,320
9 Drainage established before 1960..... acres served 1960...	3,755	13,000	318,118	209,818	101,253	124,647	265,120
10 Area added, 1960-1959..... acres served 1960...	...	...	1,902	3,947	...	4,860	1,200
11 Area served by two or more projects..... acres served 1960...	1,000	...	...	274	...	900	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION							
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	1	...
13	acres served ²..	...	...	...	...	1,400	...
14 Cooperative or mutual drains.....number of projects...	1	...	2	2	...	2	...
15	acres served ² ..	1,000	...	1,767	...	3,848	...
16 Legally organized public drains..... number of projects...	1	1	1	11	3	1	1
17	acres served ² ..	3,755	13,000	318,920	212,272	101,253	266,320
PROJECTS, 1960, BY YEAR STARTED							
18 1950-1959..... number of projects...	...	...	...	2	...	3	...
19	acres served ²..	...	...	1,767	...	5,248	...
20 Prior to 1950..... number of projects...	2	1	3	11	3	1	1
21	acres served ² ..	4,755	13,000	320,020	212,272	101,253	266,320
DRAINAGE OPERATIONS, 1950-1959 ³							
22 Cost of drainage works and services.....projects reporting...	1	...	1	12	3	4	1
23	dollars...	4,500	...	856,297	510,328	918,904	424,955
24 New drainage works constructed, enlarged, or installed.....projects reporting...	1	...	1	4	...	4	1
25	dollars...	2,900	...	150,241	182,137	54,066	152,465
26 Open ditches.....projects reporting...	1	...	1	4	...	3	1
27	length, miles...	1.3	...	0.6	8.6	...	3.6
28 Tile or covered drains.....projects reporting...	1	...	1	2	...	2	1
29	length, miles...	1.8	...	13.9	22.8	...	12.2
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...
31	length, miles...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...
33	number of pumps...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	1	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	...	1	10	3	1	1
36	dollars...	1,600	...	706,056	328,191	918,904	272,490

¹Land served by two or more projects counted only once.

²Acres served by two projects are included for each project. See text.

³Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres	52,510,720	52,549,120	52,552,320	52,335,360	52,335,360
Land in farms..... acres	50,152,870	48,611,366	48,173,635	46,975,647	45,425,179
Drainage projects..... number	103	121	88	NA	NA
Total area in drainage projects..... acres served	402,330	356,988	258,113	257,169	93,856
Area not used for agriculture or not drained..... acres served	29,220	NA	NA	NA	NA
Not area drained and used for agriculture..... acres served	373,110	NA	¹ 250,455	¹ 253,845	NA
Drainage established 10 years or more before Census date..... acres served	309,135	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served	63,975	NA	NA	NA	NA
Area served by two or more projects..... acres served	4,873	6,353	833	557	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects	5	(²)	NA	NA	NA
acres served.....	3,660	(²)	7,754	5,550	2,200
Cooperative or mutual drains..... number of projects	14	(²)	...	...	...
acres served.....	23,427	(²)	...	...	...
Legally organized public drains..... number of projects	84	² 84	NA	NA	NA
acres served.....	350,896	² 355,089	250,359	251,619	91,656
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects	76	² 70	NA	NA	NA
acres served.....	309,211	² 306,688	244,173	214,416	46,277
Started within 10 years of Census date..... number of projects	27	² 14	NA	NA	NA
acres served.....	68,772	² 48,401	13,940	42,753	47,579
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting	96	² 60	NA	NA	NA
dollars.....	1,665,416	1,116,786	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting	45	³ 10	NA	NA	NA
cost, dollars.....	850,795	³ 279,036	NA	NA	NA
Open ditches..... projects reporting	44	9	NA	NA	NA
length, miles.....	168.0	48	NA	NA	NA
Tile or covered drains..... projects reporting	1	...	NA	NA	NA
length, miles.....	0.1	...	NA	NA	NA
Levees or dikes..... projects reporting	13	7	NA	NA	NA
length, miles.....	33.4	58	NA	NA	NA
Pumps..... projects reporting .....	...	NA	NA	NA	NA
number of pumps.....	...	NA	NA	NA	NA
Other (see text)..... projects reporting	2	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting	76	NA	NA	NA	NA
dollars.....	814,621	837,750	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars	NA	NA	3,733,919	2,701,082	936,508
Physical works:					
Open ditches..... length, miles	NA	NA	381.4	324.7	138.4
Tile drains..... length, miles	NA	NA	210.5	212.1	213.0
Levees and dikes..... length, miles	NA	NA	278.3	227.0	165.1
Pumping units..... number of units	NA	(²)	4	2	NA

NA Not available.

¹Not fully comparable. See text.

²1950 figures exclude 37 projects and 1,899 acres in "irrigation enterprises."

³Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	103	377,983	9,746	81	313,908	26	64,075
2	500 to 999 acres.....	26	20,036	3,273	13	10,319	13	9,717
3	1,000 to 1,999 acres.....	23	34,597	2,233	20	29,787	3	4,810
4	2,000 to 4,999 acres.....	24	70,415	1,400	22	59,065	4	11,350
5	5,000 to 9,999 acres.....	22	155,065	2,020	19	128,867	5	26,198
6	10,000 to 19,999 acres.....	8	97,870	820	7	85,870	1	12,000
7	20,000 to 49,999 acres.....	...	...	...	...	...	...	...
8	50,000 to 99,999 acres.....	...	...	...	...	...	...	...
9	100,000 or more acres.....	...	...	...	...	...	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	103	377,983	9,746	81	313,908	26	64,075
2	Drains owned by one landowner.....	5	3,660	...	...	...	5	3,660
3	Cooperative or mutual drains.....	14	23,427	1,660	4	5,060	10	18,367
4	Legally organized public drains.....	84	350,896	8,086	77	308,848	11	42,048

¹Includes projects taken over by another project prior to 1960. See text.

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	103	377,983	9,746	81	313,908	26	64,075
2	1950-1959.....	27	68,772	1,920	5	7,687	24	61,085
3	Prior to 1950.....	76	309,211	7,826	76	306,221	2	2,990

¹Includes projects taken over by another project prior to 1960. See text.

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
96	1,665,416	45	850,795	44	168.0	1	0.1	13	33.4	...	...	2	1
26	90,481	17	62,513	17	39.1	...	...	2	1.4	...	...	...	2
21	144,274	5	53,900	5	19.5	...	...	2	2.3	...	...	...	3
22	350,755	9	125,591	9	36.2	...	...	3	9.4	...	...	1	4
20	637,243	11	429,272	11	35.2	1	0.1	4	11.0	...	...	1	5
7	442,663	3	179,519	2	38.0	...	...	2	9.3	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
96	1,665,416	45	850,795	44	168.0	1	0.1	13	33.4	...	...	2	1
5	25,300	5	18,500	5	15.2	...	...	1	0.4	...	...	...	2
16	97,595	12	78,295	12	35.4	...	...	2	2.3	...	...	...	3
75	1,542,521	28	754,000	27	117.4	1	0.1	10	30.7	...	...	2	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
96	1,665,416	45	850,795	44	168.0	1	0.1	13	33.4	...	...	2	1
31	485,909	29	443,540	29	105.7	1	0.1	8	20.6	...	...	2	2
65	1,179,507	16	407,255	15	62.3	...	...	5	12.8	...	...	...	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Achison	Brown	Chase	Chautauqua	Clay	Cloud	Coffey
AREA								
1 Approximate land area.....acres 1960...	52,510,720	269,440	369,920	495,360	414,080	421,120	455,040	419,840
2 Land in farms.....acres 1959...	50,152,870	257,740	358,783	490,673	399,565	415,736	424,135	386,980
3 Drainage projects..... number 1960...	103	3	1	1	1	2	1	4
4	1950...	121	3	1	1	1	...	...
5 Total area in drainage projects ¹ acres served 1960...	402,330	17,986	5,129	1,720	7,742	6,480	2,005	3,920
6	1950...	356,988	16,241	5,129	1,720	7,742	1,700	...
7 Area not used for agriculture or not drained..... acres served 1960...	29,220	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	373,110	17,986	5,129	1,720	7,742	6,480	2,005	3,920
9 Drainage established before 1950..... acres served 1960...	309,135	17,986	5,129	1,720	7,742	1,700	2,005	...
10 Area added, 1950-1959..... acres served 1960...	63,975	...	...	...	...	4,780	...	3,920
11 Area served by two or more projects..... acres served 1960...	4,873	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	5	...	...	...	...	...	...	2
13	acres served ² ...	3,660	...	...	...	...	...	1,600
14 Cooperative or mutual drains..... number of projects...	14	...	...	...	...	...	...	2
15	acres served ² ...	23,427	...	...	...	...	...	2,320
16 Legally organized public drains..... number of projects...	84	3	1	1	1	2	1	...
17	acres served ² ...	350,896	17,986	5,129	1,720	7,742	6,480	2,005
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	27	...	...	...	...	1	1	4
19	acres served ² ...	68,772	...	...	...	4,780	2,005	3,920
20 Prior to 1950..... number of projects...	76	3	1	1	1	1	...	...
21	acres served ² ...	309,211	17,986	5,129	1,720	7,742	1,700	...
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services..... projects reporting...	96	1	1	...	1	2	1	4
23	dollars...	1,665,416	75,000	2,307	...	8,759	33,844	2,048
24 New drainage works constructed, enlarged, or installed..... projects reporting...	45	...	...	...	...	1	1	3
25	dollars...	850,795	...	...	...	27,876	1,182	12,500
26 Open ditches..... projects reporting...	44	...	...	...	...	1	1	3
27	length, miles...	168.0	...	...	...	4.0	0.5	13.1
28 Tile or covered drains..... projects reporting...	1	...	...	...	...	...	...	...
29	length, miles...	0.1	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	13	...	...	...	...	...	1	...
31	length, miles...	33.4	...	...	...	...	3.0	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...
33	number of pumps...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	2	...	...	...	...	1	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	76	1	1	...	1	2	1	3
36	dollars...	814,621	75,000	2,307	...	8,759	5,968	866

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. --DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1960 data]

Item and Census year	Cowley	Doniphan	Douglas	Finney	Ford	Franklin	Harvey	Jackson
AREA								
1 Approximate land area.....acres 1960..	727,040	242,560	299,520	833,280	1,693,120	369,280	1,345,600	419,840
2 Land in farms.....acres 1959...	695,318	234,838	277,698	776,519	1,762,812	344,178	1,347,255	379,150
3 Drainage projects..... number 1960...	2	5	4	2	1	4	5	3
4 1950...	3	3	9	1	1	3	3	3
5 Total area in drainage projects ² acres served 1960...	3,120	16,907	16,039	18,520	700	15,260	7,020	9,340
6 1950...	4,120	12,040	27,559	25	10	12,680	5,280	9,638
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	3,120	16,907	16,039	18,520	700	15,260	7,020	9,340
9 Drainage established before 1950..... acres served 1960...	3,120	16,907	16,039	...	...	14,860	5,920	9,340
10 Area added, 1950-1959..... acres served 1960...	...	...	...	18,520	700	400	1,100	...
11 Area served by two or more projects..... acres served 1960...	...	1,400	...	...	...	820	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...
13 acres served ³..	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	1	...	...	...	1	2	...	...
15 acres served ³ ..	1,500	...	...	...	700	1,220	...	...
16 Legally organized public drains..... number of projects...	1	5	4	2	...	2	5	3
17 acres served ³ ..	1,620	18,307	16,039	18,520	...	14,860	7,020	9,340
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	...	...	...	2	1	1	2	...
19 acres served ³..	...	...	...	18,520	700	400	1,740	...
20 Prior to 1950..... number of projects...	2	5	4	...	...	3	3	3
21 acres served ³ ..	3,120	18,307	16,039	...	...	15,680	5,280	9,340
DRAINAGE OPERATIONS, 1950-1959 ⁴								
22 Cost of drainage works and services..... projects reporting...	1	4	4	2	1	3	3	1
23 dollars...	2,000	82,476	23,397	84,621	2,400	11,700	35,210	2,071
24 New drainage works constructed, enlarged, or installed..... projects reporting...	...	1	1	2	1	(⁵)	2	...
25 dollars...	...	1,000	1,600	84,621	2,400	(⁵)	33,050	...
26 Open ditches..... projects reporting...	...	1	1	2	1	(⁵)	2	...
27 length, miles...	...	0.6	0.7	23.0	1.2	(⁵)	4.3	...
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	1	...
31 length, miles...	...	...	...	...	...	...	2.0	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	1	4	4	...	...	(⁵)	2	1
36 dollars...	2,000	81,476	21,797	...	...	(⁵)	2,160	2,071

¹The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

⁵Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Jefferson	Labette	Lincoln	McPherson	Marion	Meade	Miami	Montgomery
AREA								
1 Approximate land area.....acres 1960...	351,360	418,560	464,640	572,800	¹ 613,760	¹ 624,640	378,240	415,360
2 Land in farms.....acres 1959...	314,650	399,600	453,196	¹ 595,373	¹ 624,939	¹ 628,334	341,730	361,050
3 Drainage projects..... number 1960...	7	1	1	8	1	1	3	5
4 1950...	9	1	...	4	1	...	...	5
5 Total area in drainage projects ² acres served 1960...	22,580	3,880	8,800	18,870	5,060	2,400	3,207	15,887
6 1950...	16,582	3,880	...	14,970	5,060	...	...	17,047
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	22,580	3,880	8,800	18,870	5,060	2,400	3,207	15,887
9 Drainage established before 1950..... acres served 1960...	16,872	3,880	...	17,890	5,060	...	...	15,887
10 Area added, 1950-1959..... acres served 1960...	5,708	...	8,800	980	...	2,400	3,207	...
11 Area served by two or more projects..... acres served 1960...	1,080	...	...	...	...	...	...	640
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	1	...
13 acres served ³...	...	...	...	...	...	...	960	...
14 Cooperative or mutual drains..... number of projects...	...	...	1	1	...	...	2	1
15 acres served ³...	...	...	8,800	2,100	...	...	2,247	640
16 Legally organized public drains..... number of projects...	7	1	...	7	1	1	...	4
17 acres served ³ ...	23,660	3,880	...	16,770	5,060	2,400	...	15,887
PROJECTS, 1960, BY YEAR STARTED								
18 1960-1959..... number of projects...	1	...	1	3	...	1	3	1
19 acres served ³ ...	6,300	...	8,800	3,080	...	2,400	3,207	640
20 Prior to 1960..... number of projects...	6	1	...	5	1	...	...	4
21 acres served ³ ...	17,360	3,880	...	15,790	5,060	...	...	15,887
DRAINAGE OPERATIONS, 1950-1959 ⁴								
22 Cost of drainage works and services..... projects reporting...	12	1	(⁵)	8	1	1	3	3
23 dollars...	122,032	5,000	(⁵)	49,930	26,474	18,578	46,275	8,910
24 New drainage works constructed, enlarged, or installed..... projects reporting...	8	...	(⁵)	4	1	1	3	(⁵)
25 dollars...	79,093	...	(⁵)	20,150	4,000	15,828	42,675	(⁵)
26 Open ditches..... projects reporting...	8	...	(⁵)	4	1	1	3	(⁵)
27 length, miles...	26.8	...	(⁵)	4.8	0.8	4.5	10.8	(⁵)
28 Tile or covered drains..... projects reporting...	1	...	...	...	...	...	...	...
29 length, miles...	0.1	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	1	...	...	1	1	1	2	...
31 length, miles...	1.0	...	...	0.8	0.5	0.6	1.7	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	1	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	6	1	...	8	1	1	2	(⁵)
36 dollars...	42,939	5,000	...	29,780	22,474	2,750	3,600	(⁵)

¹The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

⁵Included in State total only.

County Table 1. - DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1960 data]

Item and Census year	Nemaha	Neosho	Osage	Ottawa	Pottawatomie	Reno	Republic	Rice
AREA								
1 Approximate land area..... acres 1960...	453,760	375,680	461,440	462,720	544,000	803,200	460,160	1,461,440
2 Land in farms..... acres 1959...	449,355	339,784	454,898	419,706	466,236	788,940	442,324	1,466,857
3 Drainage projects..... number 1960...	1	16	1	1	2	4	2	1
4 1950...	1	16	1	...	2	1	2	1
5 Total area in drainage projects ² acres served 1960...	2,859	19,247	7,012	700	10,920	15,520	4,727	1,600
6 1950...	2,859	20,247	7,012	...	10,920	3,840	4,727	320
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	2,859	19,247	7,012	700	10,920	15,520	4,727	1,600
9 Drainage established before 1950..... acres served 1960...	2,859	19,247	7,012	...	10,920	13,840	4,727	320
10 Area added, 1950-1959..... acres served 1960...	...	...	...	700	...	1,680	...	1,280
11 Area served by two or more projects..... acres served 1960...	...	833	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...
13 acres served ³...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	1	...	...	...	...
15 acres served ³...	...	...	...	700	...	...	...	...
16 Legally organized public drains..... number of projects...	1	16	1	...	2	4	2	1
17 acres served ³ ...	2,859	20,080	7,012	...	10,920	15,520	4,727	1,600
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	...	...	...	1	...	2	...	...
19 acres served ³...	...	...	...	700	...	1,680	...	...
20 Prior to 1950..... number of projects...	1	16	1	...	2	2	2	1
21 acres served ³ ...	2,859	20,080	7,012	...	10,920	13,840	4,727	1,600
DRAINAGE OPERATIONS, 1950-1959 ⁴								
22 Cost of drainage works and services..... projects reporting...	...	15	...	(⁵)	2	4	2	1
23 dollars...	...	35,135	...	(⁵)	59,621	55,865	5,453	15,000
24 New drainage works constructed, enlarged, or installed..... projects reporting...	...	2	...	(⁵)	1	3	...	1
25 dollars...	...	7,700	...	(⁵)	2,000	43,350	...	12,000
26 Open ditches..... projects reporting...	...	2	...	(⁵)	...	3	...	1
27 length, miles...	...	5.5	...	(⁵)	...	8.5	...	3.5
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	1	2	...	...
31 length, miles...	...	...	...	...	0.7	4.0	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	...	15	...	...	2	3	2	1
36 dollars...	...	27,435	...	...	57,621	12,515	5,453	3,000

¹The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

⁵Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Riley	Saline	Sedgwick	Shawnee	Stafford	Sumner	Wabaunsee	All other counties ¹
AREA								
1 Approximate land area.....acres 1960...	399,360	460,800	639,360	348,800	508,160	756,480	² 506,240	6,108,160
2 Land in farms.....acres 1959...	338,172	415,160	601,019	312,253	505,183	741,083	² 510,389	6,097,906
3 Drainage projects..... number 1960...	1	2	8	4	4	2	1	...
4 1950...	3	3	6	5	...	2	2	34
5 Total area in drainage projects ³ acres served 1960...	760	6,583	63,090	35,840	2,700	17,700	500	...
6 1950...	792	7,350	55,584	41,240	...	17,700	2,300	30,674
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	10,220	7,000	...	12,000	...	...
8 Net area drained and used for agriculture..... acres served 1960...	760	6,583	52,870	28,840	2,700	5,700	500	...
9 Drainage established before 1950..... acres served 1960...	760	6,583	45,770	28,840	...	5,700	500	...
10 Area added, 1950-1959..... acres served 1960...	...	...	7,100	...	2,700	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	100	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	...	...	...	2	...	...	...
13 acres served ⁴..	...	...	...	...	1,100	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	1	...	2	...	...	...
15 acres served ⁴..	...	...	1,500	...	1,700	...	...	...
16 Legally organized public drains..... number of projects...	1	2	7	4	...	2	1	...
17 acres served ⁴ ..	760	6,583	51,370	28,840	...	5,700	500	...
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	...	...	2	...	4	...	...	...
19 acres served ⁴..	...	...	7,100	...	2,800	...	...	...
20 Prior to 1950..... number of projects...	1	2	6	4	...	2	1	...
21 acres served ⁴ ..	760	6,583	45,770	28,840	...	5,700	500	...
DRAINAGE OPERATIONS, 1950-1959 ⁵								
22 Cost of drainage works and services.....projects reporting...	...	2	8	4	4	2	1	...
23 dollars...	...	4,706	437,481	346,550	10,000	5,000	8,273	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	...	3	4	4	...	1	...
25 dollars...	...	...	220,470	209,300	10,000	...	500	...
26 Open ditches.....projects reporting...	...	...	3	3	4	...	...	...
27 length, miles...	...	...	32.5	4.2	7.6	...	...	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	3	2	...	...	1	...
31 length, miles...	...	...	13.5	5.5	...	...	0.1	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	...	2	7	4	...	2	1	...
36 dollars...	...	4,706	217,011	137,250	...	5,000	7,773	...

¹Includes Barton, Greenwood, Haskell, Kearny, Lyon, Ness, Osborne, Pawnee, Scott, Sheridan, and Trego counties.²The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.³Land served by two or more projects counted only once.⁴Acres served by two projects are included for each project. See text.⁵Includes projects taken over by another project prior to 1960. See text.

State Table 1.--DRAINAGE PROJECTS--NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area.....acres...	25,512,320	25,512,960	25,699,760	25,715,840	25,715,840
Land in farms.....acres...	17,030,675	19,441,774	20,294,016	19,927,286	21,612,772
Drainage projects.....number...	28	18	¹ 144	NA	NA
Total area in drainage projects.....acres served...	945,515	959,892	465,270	585,625	358,480
Area not used for agriculture or not drained.....acres served...	56,716	NA	NA	NA	NA
Not area drained and used for agriculture.....acres served...	888,799	NA	² 464,963	² 515,101	NA
Drainage established 10 years or more before Census date.....acres served...	882,753	NA	NA	NA	NA
Drainage established within 10 years of Census date.....acres served...	6,046	NA	NA	NA	NA
Area served by two or more projects.....acres served...	2,000	NA	50,347	40,783	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner.....number of projects...	1	(³)	NA	NA	NA
acres served...	2,000	(³)	3,150	3,500	6,400
Cooperative or mutual drains.....number of projects...	10	(³)	...	...	...
acres served...	8,660	(³)	...	...	...
Legally organized public drains.....number of projects...	17	³ 18	NA	NA	NA
acres served...	880,139	³ 959,892	462,120	582,125	352,080
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date.....number of projects...	20	NA	NA	NA	NA
acres served...	884,153	NA	446,686	433,155	⁴ 112,937
Started within 10 years of Census date.....number of projects...	8	NA	NA	NA	NA
acres served...	6,646	NA	18,584	152,470	⁴ 243,743
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services.....projects reporting...	17	14	NA	NA	NA
dollars...	897,753	711,162	NA	NA	NA
New drainage works constructed, enlarged, or installed.....projects reporting...	10	⁵ 5	NA	NA	NA
cost, dollars...	97,291	⁵ 44,832	NA	NA	NA
Open ditches.....projects reporting...	10	4	NA	NA	NA
length, miles...	28.4	22	NA	NA	NA
Tile or covered drains.....projects reporting...	1	1	NA	NA	NA
length, miles...	20.0	1	NA	NA	NA
Levoes or dikes.....projects reporting...	...	...	NA	NA	NA
length, miles...	...	...	NA	NA	NA
Pumps.....projects reporting...	...	NA	NA	NA	NA
number of pumps...	...	NA	NA	NA	NA
Other (see text).....projects reporting...	...	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration.....projects reporting...	10	13	NA	NA	NA
dollars...	800,462	666,330	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment.....dollars...	NA	NA	4,947,994	5,357,633	1,521,725
Physical works:					
Open ditches.....length, miles...	NA	NA	1,231.8	1,204.8	664.5
Tile drains.....length, miles...	NA	NA	2.0	71.0	86.2
Levoes and dikes.....length, miles...	NA	NA	...	...	0.2
Pumping units.....number of units...	NA	NA	...	...	...

NA Not available.

¹In 1940, each county drain was counted as a separate project. See text.

²Not fully comparable. See text.

³In 1950, all projects included with county drains. See text.

⁴In 1920, figures exclude 1,800 acres for which date of organization was not reported.

⁵Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	28	890,799	4,000	21	884,753	7	6,046
2	500 to 999 acres.....	7	4,566	...	2	1,270	5	3,296
3	1,000 to 1,999 acres.....	6	8,683	...	4	5,933	2	2,750
4	2,000 to 4,999 acres.....	1	2,000	2,000	1	2,000	...	...
5	5,000 to 9,999 acres.....	2	14,400	..	2	14,400	...	...
6	10,000 to 19,999 acres.....	2	29,191	...	2	29,191	...	...
7	20,000 to 49,999 acres.....	2	53,371	...	2	53,371	...	...
8	50,000 to 99,999 acres.....	5	335,569	2,000	5	335,569	...	...
9	100,000 or more acres.....	3	443,019	...	3	443,019	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	28	890,799	4,000	21	884,753	7	6,046
2	Drains owned by one landowner.....	1	2,000	2,000	1	2,000	...	...
3	Cooperative or mutual drains.....	10	8,660	...	3	2,614	7	6,046
4	Legally organized public drains.....	17	880,139	2,000	17	880,139	...	...

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	28	890,799	4,000	21	884,753	7	6,046
2	1960-1969.....	8	6,646	...	1	600	7	6,046
3	Prior to 1960.....	20	884,153	4,000	20	884,153	...	...

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
17	897,753	10	97,291	10	28.4	1	20.0	...	...	...	...	...	1
6	34,483	6	34,383	6	15.3	...	...	...	...	...	...	...	2
2	14,600	2	14,600	2	9.0	...	...	...	...	...	...	...	3
1	45,000	1	35,000	1	1.1	1	20.0	...	...	...	...	...	4
1	565	...	...	...	...	...	...	...	...	...	...	...	5
1	3,500	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	7
3	469,787	...	...	...	...	...	...	...	...	...	...	...	8
3	329,818	1	13,308	1	3.0	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
17	897,753	10	97,291	10	28.4	1	20.0	...	...	...	...	...	1
1	45,000	1	35,000	1	1.1	1	20.0	...	...	...	...	...	2
8	49,083	8	48,983	8	24.3	...	...	...	...	...	...	...	3
8	803,670	1	13,308	1	3.0	...	...	...	...	...	...	...	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
17	897,753	10	97,291	10	28.4	1	20.0	...	...	...	...	...	1
8	49,083	8	48,983	8	24.3	...	...	...	...	...	...	...	2
9	848,670	2	48,308	2	4.1	1	20.0	...	...	...	...	...	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Ballard	Butler	Carlisle	Daviess	Fulton	Graves	Greenup
AREA								
1 Approximate land area.....acres 1960...	25,512,320	165,760	283,520	125,440	298,240	131,200	358,400	224,000
2 Land in farms.....acres 1959...	17,030,675	123,221	161,430	90,547	244,254	111,438	256,907	116,479
3 Drainage projects..... number 1960...	28	1	1	1	1	2	2	2
4	1950...	18	...	1	...	1	1	...
5 Total area in drainage projects ¹ acres served 1960...	945,515	2,873	6,720	6,670	203,200	2,300	21,720	1,246
6	1950...	959,892	...	6,720	...	203,200	384	16,335
7 Area not used for agriculture or not drained..... acres served 1960...	56,716	...	...	...	4,000	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	888,799	2,873	6,720	6,670	199,200	2,300	21,720	1,246
9 Drainage established before 1950..... acres served 1960...	882,753	2,873	6,720	6,670	199,200	...	21,720	...
10 Area added, 1950-1959..... acres served 1960...	6,046	...	...	...	...	2,300	...	1,246
11 Area served by two or more projects..... acres served 1960...	2,000	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	1	...	...	...	...	...	...	...
13	acres served ² ..	2,000	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	10	...	...	...	...	2	...	2
15	acres served ² ..	8,660	...	...	...	2,300	...	1,246
16 Legally organized public drains..... number of projects...	17	1	1	1	1	...	2	...
17	acres served ² ..	880,139	2,873	6,720	6,670	199,200	...	21,720
PROJECTS, 1960, BY YEAR STARTED								
18 1960-1969..... number of projects...	8	...	...	...	...	2	...	2
19	acres served ² ..	6,646	...	...	...	2,300	...	1,246
20 Prior to 1950..... number of projects...	20	1	1	1	1	...	2	...
21	acres served ² ..	884,153	2,873	6,720	6,670	199,200	...	21,720
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services..... projects reporting...	17	...	...	...	1	(⁴)	1	2
23	dollars...	897,753	...	...	231,010	(⁴)	3,500	8,433
24 New drainage works constructed, enlarged, or installed..... projects reporting...	10	...	...	...	...	(⁴)	...	2
25	dollars...	97,291	...	...	...	(⁴)	...	8,433
26 Open ditches..... projects reporting...	10	...	...	...	...	(⁴)	...	2
27	length, miles...	28.4	...	...	...	(⁴)	...	3.2
28 Tile or covered drains..... projects reporting...	1	...	...	...	...	...	...	...
29	length, miles...	20.0	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...
31	length, miles...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...
33	number of pumps...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	10	...	...	...	1	...	1	...
36	dollars...	800,462	...	...	231,010	...	3,500	...

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.⁴Included in State total only.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	Hancock	Henderson	Hickman	Hopkins	Jefferson	McCracken	McLean	Marshall
AREA								
1 Approximate land area.....acres 1960...	119,680	281,600	158,720	355,200	240,000	160,640	164,480	193,920
2 Land in farms.....acres 1959...	79,935	238,540	120,762	201,870	98,383	87,032	125,251	112,067
3 Drainage projects..... number 1960...	1	2	1	3	1	2	1	1
4 1950...	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	33,280	99,776	7,680	18,256	99,264	6,936	58,432	1,024
6 1950...	33,280	101,376	7,680	16,256	99,264	1,773	58,432	1,024
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	3,400	38,016	...	2,600	...
8 Net area drained and used for agriculture..... acres served 1960...	33,280	99,776	7,680	14,856	61,248	6,936	55,832	1,024
9 Drainage established before 1950..... acres served 1960...	33,280	99,776	7,680	12,856	61,248	6,936	55,832	1,024
10 Area added, 1950-1959..... acres served 1960...	...	...	...	2,000	...	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	2,000	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	1	...	...	...	...	...	...
13 acres served ²...	...	2,000	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	2	...	...	...	...
15 acres served ²...	...	...	...	2,000	...	...	...	...
16 Legally organized public drains..... number of projects...	1	1	1	1	1	2	1	1
17 acres served ² ...	33,280	99,776	7,680	12,856	61,248	6,936	55,832	1,024
PROJECTS, 1960, BY YEAR STARTED								
18 1960-1959..... number of projects...	...	...	...	2	...	...	...	...
19 acres served ²...	...	...	...	2,000	...	...	...	...
20 Prior to 1960..... number of projects...	1	2	1	1	1	2	1	1
21 acres served ² ...	33,280	101,776	7,680	12,856	61,248	6,936	55,832	1,024
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services.....projects reporting...	...	(4)	1	2	1	...	1	...
23 dollars...	...	(4)	565	4,950	428,120	...	5,500	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	(4)	...	2	...	...	...	...
25 dollars...	...	(4)	...	4,950	...	...	...	...
26 Open ditches.....projects reporting...	...	(4)	...	2	...	...	...	...
27 length, miles...	...	(4)	...	8.0	...	...	...	...
28 Tile or covered drains.....projects reporting...	...	(4)	...	...	...	...	...	...
29 length, miles...	...	(4)	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	...	(4)	1	...	1	...	1	...
36 dollars...	...	(4)	565	...	428,120	...	5,500	...

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.
⁴Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Muhlenberg	Ohio	Spencer	Trigg	Union	Warren	Webster
AREA							
1 Approximate land area.....acres 1960...	308,480	381,440	123,520	292,480	219,520	349,440	216,960
2 Land in farms.....acres 1959...	155,350	198,622	117,598	167,590	167,555	296,567	153,130
3 Drainage projects.....number 1960...	1	2	1	1	1	1	2
4.....1950...	1	1	1	...	1	1	1
5 Total area in drainage projects ¹.....acres served 1960...	59,457	65,856	1,792	500	136,116	1,344	111,073
6.....1950...	59,457	65,856	1,792	...	166,116	1,344	119,603
7 Area not used for agriculture or not drained.....acres served 1960...	6,000	...	...	...	...	...	2,700
8 Net area drained and used for agriculture.....acres served 1960...	53,457	65,856	1,792	500	136,116	1,344	108,373
9 Drainage established before 1950.....acres served 1960...	53,457	65,856	1,792	...	136,116	1,344	108,373
10 Area added, 1950-1959.....acres served 1960...	...	...	...	500	...	...	...
11 Area served by two or more projects.....acres served 1960...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION							
12 Drains owned by one landowner.....number of projects...	...	...	...	...	...	...	...
13.....acres served ²...	...	...	...	...	...	...	...
14 Cooperative or mutual drains.....number of projects...	...	1	...	1	...	1	1
15.....acres served ²...	...	600	...	500	...	1,344	670
16 Legally organized public drains.....number of projects...	1	1	1	...	1	...	1
17.....acres served ² ...	53,457	65,256	1,792	...	136,116	...	107,703
PROJECTS, 1960, BY YEAR STARTED							
18 1950-1959.....number of projects...	...	1	...	1	...	...	...
19.....acres served ²...	...	600	...	500	...	...	...
20 Prior to 1950.....number of projects...	1	1	1	...	1	1	2
21.....acres served ² ...	53,457	65,256	1,792	...	136,116	1,344	108,373
DRAINAGE OPERATIONS, 1950-1959 ³							
22 Cost of drainage works and services.....projects reporting...	...	1	...	1	1	...	1
23.....dollars...	...	1,600	...	10,000	58,808	...	40,000
24 New drainage works constructed, enlarged, of installed.....projects reporting...	...	1	...	1	1	...	...
25.....dollars...	...	1,500	...	10,000	13,308	...	...
26 Open ditches.....projects reporting...	...	1	...	1	1	...	...
27.....length, miles...	...	1.0	...	3.1	3.0	...	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...
29.....length, miles...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...
31.....length, miles...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...
33.....number of pumps...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	...	1	...	...	1	...	1
36.....dollars...	...	100	...	...	45,500	...	40,000

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	28,867,840	28,903,680	28,913,280	29,061,760	29,061,760
Land in farms..... acres...	10,347,328	11,202,278	9,996,108	9,355,437	10,019,822
Drainage projects..... number...	915	922	495	NA	NA
Total area in drainage projects..... acres served...	9,089,516	12,161,665	4,219,624	3,655,483	2,266,328
Area not used for agriculture or not drained..... acres served...	1,978,892	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	7,110,624	NA	¹ 2,512,250	¹ 2,571,531	NA
Drainage established 10 years or more before Census date..... acres served...	6,144,937	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	965,687	NA	NA	NA	NA
Area served by two or more projects..... acres served...	1,255,460	509,987	483,850	437,630	75,706
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	526	² 199	NA	NA	NA
acres served...:	810,903	² 344,239	² 412,303	402,496	36,463
Cooperative or mutual drains..... number of projects...	235	² 95	...	...	...
acres served...:	309,784	² 128,197	...	...	...
Legally organized public drains..... number of projects...	154	² 117	NA	NA	NA
acres served...:	7,337,112	² 11,605,479	² 3,795,721	3,252,987	2,229,865
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	608	² 94	NA	NA	NA
acres served...:	6,936,683	² 1,727,948	3,664,122	2,701,069	1,183,536
Started within 10 years of Census date..... number of projects...	307	² 317	NA	NA	NA
acres served...:	1,521,116	² 10,349,967	555,502	954,414	1,082,792
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	753	² 392	NA	NA	NA
dollars...:	45,796,344	16,652,384	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	576	³ 142	NA	NA	NA
cost, dollars...:	24,432,591	³ 5,316,026	NA	NA	NA
Open ditches..... projects reporting...	562	141	NA	NA	NA
length, miles...:	8,202.7	2,116	NA	NA	NA
Tile or covered drains..... projects reporting...	1	...	NA	NA	NA
length, miles...:	0.1	...	NA	NA	NA
Levees or dikes..... projects reporting...	34	12	NA	NA	NA
length, miles...:	215.2	166	NA	NA	NA
Pumps..... projects reporting...	45	NA	NA	NA	NA
number of pumps...:	91	NA	NA	NA	NA
Other (see text)..... projects reporting...	16	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	490	NA	NA	NA	NA
dollars...:	21,363,753	11,336,358	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	23,361,758	20,752,645	9,021,991
Physical works:					
Open ditches..... length, miles...	NA	NA	7,105.5	7,701.2	1,771.6
Tile drains..... length, miles...	NA	NA	6.0	2.0	0.2
Levees and dikes..... length, miles...	NA	NA	624.4	576.3	440.7
Pumping units..... number of units...	NA	² 102	59	52	71

NA Not available.

¹Not fully comparable. See text.²1950 figures exclude 511 projects and 83,750 acres in "irrigation enterprises"; 1940 figures exclude 634 projects and 11,600 acres in "irrigation enterprises."³Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	915	8,457,799	2,602,635	835	7,425,144	116	1,032,655
2	500 to 999 acres.....	373	261,601	222,648	337	235,582	41	26,019
3	1,000 to 1,999 acres.....	271	373,294	298,830	241	330,512	36	42,782
4	2,000 to 4,999 acres.....	126	361,443	256,476	117	326,851	16	34,592
5	5,000 to 9,999 acres.....	28	203,467	69,580	27	184,138	3	19,329
6	10,000 to 19,999 acres.....	43	600,013	180,205	42	567,883	5	32,130
7	20,000 to 49,999 acres.....	36	1,111,624	425,471	34	876,938	7	234,686
8	50,000 to 99,999 acres.....	16	1,046,309	223,134	16	815,289	4	231,020
9	100,000 or more acres.....	22	4,500,048	926,291	21	4,087,951	4	412,097

¹Includes projects taken over by another project prior to 1960. See text.

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	915	8,457,799	2,602,635	835	7,425,144	116	1,032,655
2	Drains owned by one landowner.....	526	810,903	633,143	475	742,851	67	68,052
3	Cooperative or mutual drains.....	235	309,784	220,164	213	244,786	26	64,998
4	Legally organized public drains.....	154	7,337,112	1,749,328	147	6,437,507	23	899,605

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	915	8,457,799	2,602,635	835	7,425,144	116	1,032,655
2	1950-1959.....	307	1,521,116	364,792	227	574,051	99	947,065
3	Prior to 1950.....	608	6,936,683	2,237,843	608	6,851,093	17	85,590

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
753	45,796,344	576	24,432,591	562	8,202.7	1	0.1	34	215.2	45	91	16	1
296	1,925,457	242	940,607	238	1,302.3	...	...	7	14.3	11	18	2	2
220	3,913,099	180	1,842,346	175	1,539.3	1	0.1	10	52.7	15	27	5	3
104	4,187,877	77	1,791,698	74	811.4	...	...	8	62.3	12	23	5	4
19	2,385,162	10	870,357	9	31.7	...	...	2	5.8	1	1	1	5
41	2,799,965	16	1,161,952	15	245.5	...	...	3	44.0	5	21	1	6
35	3,481,859	16	2,705,867	16	473.5	...	...	2	28.0	...	...	1	7
15	5,649,731	13	3,441,239	13	799.6	...	...	1	0.1	1	1	...	8
123	21,453,194	22	11,678,525	22	2,999.4	...	...	1	8.0	...	...	1	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
753	45,796,344	576	24,432,591	562	8,202.7	1	0.1	34	215.2	45	91	16	1
448	8,115,096	358	2,749,601	352	3,329.3	...	...	29	174.3	34	79	4	2
167	755,852	142	608,543	142	412.6	...	...	...	...	1	2	1	3
138	36,925,396	76	21,074,447	68	4,460.8	1	0.1	5	40.9	10	10	11	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
753	45,796,344	576	24,432,591	562	8,202.7	1	0.1	34	215.2	45	91	16	1
306	10,912,946	299	8,412,567	295	3,120.8	1	0.1	9	72.0	10	12	7	2
447	34,883,398	277	16,020,024	267	5,081.9	...	...	25	143.2	35	79	9	3

DRAINAGE OF AGRICULTURAL LANDS

Parish Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Acadia	Allen	Ascension	Assumption	Avoyelles	Bossier	Caddo
AREA								
1 Approximate land area.....acres 1960...	28,867,840	423,680	496,000	192,000	228,480	528,640	536,960	568,320
2 Land in farms.....acres 1959...	10,347,328	338,824	149,993	89,755	94,831	229,613	232,423	268,970
3 Drainage projects..... number 1960...	915	47	13	22	29	32	31	26
4	1950...	922	52	7	8	8	24	15
5 Total area in drainage projects ¹ acres served 1960...	9,089,516	423,680	74,602	142,232	61,002	380,000	119,080	170,000
6	1950...	12,161,665	423,680	36,742	101,784	34,215	528,640	101,010
7 Area not used for agriculture or not drained..... acres served 1960...	1,978,892	2,500	1,490	4,700	1,900	91,000	17,760	18,000
8 Net area drained and used for agriculture..... acres served 1960...	7,110,624	421,180	73,112	137,532	59,102	289,000	101,320	152,000
9 Drainage established before 1950..... acres served 1960...	6,144,937	421,180	34,279	137,532	59,102	221,160	101,320	152,000
10 Area added, 1950-1959..... acres served 1960...	965,687	...	38,833	...	...	67,840	...	...
11 Area served by two or more projects..... acres served 1960...	1,255,460	273,766	7,653	21,353	9,605	33,293	35,614	28,153
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	526	1	1	19	19	17	25	25
13	acres served ² ...	810,903	598	620	19,853	28,272	21,088	32,144
14 Cooperative or mutual drains..... number of projects...	235	34	11	1	6	14	4	...
15	acres served ² ...	309,784	58,043	46,486	1,500	8,878	12,205	4,230
16 Legally organized public drains..... number of projects...	154	12	1	2	4	1	2	1
17	acres served ² ...	7,337,112	695,356	33,659	137,532	31,557	289,000	100,560
PROJECTS, 1960, BY YEAR STARTED								
18 1960-1959..... number of projects...	307	17	11	5	7	12	6	2
19	acres served ² ...	1,521,116	33,766	46,486	4,976	8,090	12,483	4,737
20 Prior to 1950..... number of projects...	608	30	2	17	22	20	25	24
21	acres served ² ...	6,936,683	720,231	34,279	153,909	60,617	309,810	132,197
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services..... projects reporting...	753	36	12	22	27	15	29	26
23	dollars...	45,796,344	2,465,655	101,916	1,211,916	802,477	721,985	1,003,759
24 New drainage works constructed, enlarged, or installed..... projects reporting...	576	19	11	14	13	15	19	7
25	dollars...	24,432,591	1,315,294	80,932	541,362	132,718	275,545	344,405
26 Open ditches..... projects reporting...	562	19	11	14	13	15	18	7
27	length, miles...	8,202.7	223.6	33.4	270.8	197.9	127.2	119.0
28 Tile or covered drains..... projects reporting...	1	...	...	...	...	...	...	...
29	length, miles...	0.1	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	34	...	...	...	2	...	3	1
31	length, miles...	215.2	...	...	9.0	...	13.3	0.4
32 Pumps..... projects reporting...	45	...	...	...	4	...	2	...
33	number of pumps...	91	...	...	4	...	2	...
34 Other (see text)..... projects reporting...	16	...	...	...	...	...	2	1
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	490	18	1	22	23	1	28	24
36	dollars...	21,363,753	1,150,361	20,984	670,554	669,759	446,440	659,354
37	dollars...	21,363,753	1,150,361	20,984	670,554	669,759	446,440	659,354

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

Parish Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Calcasieu	Caldwell	Cameron	Catahoula	Concordia	De Soto	East Baton Rouge	East Carroll
AREA								
1 Approximate land area.....acres 1960...	706,560	352,000	924,160	467,200	453,760	570,880	295,680	275,840
2 Land in farms.....acres 1959...	468,350	68,325	216,476	124,733	208,445	296,834	150,702	179,002
3 Drainage projects.....number 1960...	14	7	22	8	22	1	7	45
4 1950...	46	2	26	7	10	1	6	17
5 Total area in drainage projects ¹.....acres served 1960...	403,284	54,357	142,947	9,738	200,000	19,840	124,146	231,000
6 1950...	706,560	1,830	142,345	5,995	16,028	19,840	79,689	276,480
7 Area not used for agriculture or not drained.....acres served 1960...	158,160	...	25,800	...	48,000	...	23,500	33,000
8 Net area drained and used for agriculture.....acres served 1960...	245,124	54,357	117,147	9,738	152,000	19,840	100,646	198,000
9 Drainage established before 1950.....acres served 1960...	232,644	1,830	102,991	8,844	11,288	19,840	57,933	198,000
10 Area added, 1950-1959.....acres served 1960...	12,480	52,527	14,156	894	140,712	...	42,713	...
11 Area served by two or more projects.....acres served 1960...	4,742	2,819	2,700	...	33,353	...	1,800	62,731
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner.....number of projects...	6	4	14	1	20	...	1	35
13 acres served ² ...	8,724	2,325	55,495	700	24,292	...	1,800	49,895
14 Cooperative or mutual drains.....number of projects...	...	2	3	7	...	...	...	9
15 acres served ²...	...	1,830	10,152	9,038	...	...	...	13,436
16 Legally organized public drains.....number of projects...	8	1	5	...	2	1	6	1
17 acres served ² ...	241,142	53,021	54,200	...	164,000	19,840	100,646	198,000
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959.....number of projects...	5	5	4	1	12	...	5	15
19 acres served ² ...	173,960	55,346	5,979	894	175,045	...	87,960	17,836
20 Prior to 1950.....number of projects...	9	2	18	7	10	1	2	30
21 acres served ² ...	75,906	1,830	113,868	8,844	13,247	19,840	14,486	243,495
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services.....projects reporting...	9	5	17	6	21	1	7	39
23 dollars...	332,199	65,751	285,675	15,918	973,189	16,921	1,376,291	537,931
24 New drainage works constructed, enlarged, or installed.....projects reporting...	6	5	16	5	21	1	6	36
25 dollars...	289,731	65,751	243,290	11,491	973,189	8,837	888,291	249,343
26 Open ditches.....projects reporting...	6	5	14	5	21	1	6	36
27 length, miles...	25.1	49.1	81.6	13.7	538.8	9.0	55.8	320.9
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	8	...	...	...	...	...
31 length, miles...	...	...	63.1	...	...	...	...	...
32 Pumps.....projects reporting...	1	...	4	...	...	...	...	...
33 number of pumps...	1	...	6	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	1	...	...	...	1	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	6	...	13	3	...	1	5	34
36 dollars...	42,468	...	42,385	4,427	...	8,084	488,000	288,588

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

Parish Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1960 data]

Item and Census year	Evangeline	Franklin	Grant	Iberia	Iberville	Jefferson	Jefferson Davis	Lafayette
AREA								
1 Approximate land area..... acres 1960...	433,280	411,520	423,680	376,320	401,920	261,760	421,120	181,120
2 Land in farms..... acres 1959...	215,806	307,262	80,037	138,846	120,271	16,796	355,999	141,672
3 Drainage projects..... number 1960...	41	17	3	4	27	2	37	4
4	74	5	...	17	3	5	80	31
5 Total area in drainage projects ¹ acres served 1960...	138,788	411,520	29,000	189,000	223,920	91,132	237,913	181,120
6	132,288	414,720	...	376,320	401,920	46,068	187,977	181,120
7 Area not used for agriculture or not drained..... acres served 1960...	1,600	46,720	...	39,000	137,920	87,632	17,560	4,320
8 Net area drained and used for agriculture..... acres served 1960...	137,188	364,800	29,000	150,000	86,000	3,500	220,353	176,800
9 Drainage established before 1950..... acres served 1960...	122,617	364,800	29,000	150,000	86,000	3,500	155,709	176,800
10 Area added, 1950-1959..... acres served 1960...	14,571	...	...	...	...	...	64,644	...
11 Area served by two or more projects..... acres served 1960...	9,980	16,700	2,000	55,125	28,298	...	14,044	4,985
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	10	5	...	...	24	...	10	3
13	9,709	5,093	...	...	27,588	...	19,725	4,985
14 Cooperative or mutual drains..... number of projects...	17	11	2	...	2	...	16	...
15	14,791	12,257	2,000	...	1,240	...	26,934	...
16 Legally organized public drains..... number of projects...	14	1	1	4	1	2	11	1
17	122,668	364,800	29,000	209,192	86,000	3,500	187,738	176,800
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	5	8	...	...	23	1	13	...
19	16,466	6,625	...	...	23,341	1,000	106,537	...
20 Prior to 1950..... number of projects...	36	9	3	4	4	1	24	4
21	130,702	375,525	31,000	209,192	91,487	2,500	127,860	181,785
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services..... projects reporting...	21	10	3	4	27	2	21	1
23	313,088	3,057,162	24,745	2,114,286	1,775,479	64,735	888,125	1,292,537
24 New drainage works constructed, enlarged, or installed..... projects reporting...	5	10	3	2	26	...	15	1
25	134,191	2,057,162	12,845	1,850,000	1,175,314	...	801,011	561,049
26 Open ditches..... projects reporting...	5	10	3	2	26	...	15	1
27	45.8	250.7	20.4	163.9	682.4	...	84.0	406.7
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...
29 .....	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	1	...	1	...	1	...
31 .....	...	...	17.0	...	0.1	...	6.8	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	1	...
33 .....	...	...	...	...	...	...	1	...
34 Other (see text)..... projects reporting...	...	...	1	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	16	1	3	3	20	2	13	1
36	178,897	1,000,000	11,900	264,286	600,165	64,735	87,114	731,488

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

Parish Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1960 data]

Item and Census year	Lafourche	Livingston	Madison	Morehouse	Natchitoches	Orleans	Ouachita	Plaquemines	Pointe Coupee
AREA									
1 Approximate land area.....acres 1960...	740,480	425,600	423,680	512,640	827,520	127,360	408,320	629,760	360,960
2 Land in farms.....acres 1959...	236,254	66,774	206,893	210,251	268,776	7,487	122,821	39,284	233,263
3 Drainage projects..... number 1960...	27	1	24	24	38	1	5	7	58
4 1950...	1	8	8	11	30	1	2	4	12
5 Total area in drainage projects ¹ acres served 1960...	317,000	425,600	292,580	200,700	248,200	11,500	181,680	30,710	266,960
6 1950...	740,480	26	423,680	514,560	153,200	11,500	410,880	629,760	360,960
7 Area not used for agriculture or not drained..... acres served 1960...	75,000	297,600	68,600	..	2,560	10,315	45,400	12,310	16,000
8 Net area drained and used for agriculture..... acres served 1960...	242,000	128,000	223,980	200,700	245,640	1,185	136,280	18,400	250,960
9 Drainage established before 1950..... acres served 1960...	242,000	..	222,980	200,700	158,509	1,185	136,280	18,400	250,960
10 Area added, 1950-1959..... acres served 1960...	..	128,000	1,000	..	87,131	..	..	..	..
11 Area served by two or more projects..... acres served 1960...	66,553	..	33,894	22,935	46,564	..	3,688	..	96,925
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	20	..	20	9	31	..	3	..	56
13 acres served ² ...	56,002	..	33,607	9,290	42,959	..	3,688	..	81,925
14 Cooperative or mutual drains..... number of projects...	1	..	3	14	4	..	..	..	..
15 acres served ² ...	700	..	2,687	13,645	3,605	..	..	..	..
16 Legally organized public drains..... number of projects...	6	1	1	1	3	1	2	7	2
17 acres served ² ...	251,851	128,000	221,580	200,700	245,640	1,185	136,280	18,400	265,960
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	1	1	11	6	6	..	2	4	..
19 acres served ² ...	800	128,000	7,965	9,085	98,610	..	2,198	10,746	..
20 Prior to 1950..... number of projects...	26	..	13	18	32	1	3	3	58
21 acres served ² ...	307,753	..	249,909	214,550	193,594	1,185	137,770	7,654	347,885
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services..... projects reporting...	29	1	14	24	35	1	4	7	49
23 dollars...	2,018,136	1,352,689	389,003	969,218	532,451	502,748	486,041	2,812,510	1,578,914
24 New drainage works constructed, enlarged, or installed..... projects reporting...	13	1	14	11	28	1	4	7	43
25 dollars...	263,789	1,127,689	190,883	436,069	343,012	150,000	314,241	1,884,500	1,085,159
26 Open ditches..... projects reporting...	11	1	14	11	28	1	3	1	43
27 length, miles...	62.7	335.5	153.6	134.8	216.2	1.0	90.6	4.8	685.4
28 Tile or covered drains..... projects reporting...	..	..	..	..	..	..	..	1	..
29 length, miles...	..	..	..	..	..	..	..	0.1	..
30 Levees or dikes..... projects reporting...	1	..	..	..	2	..	..	1	..
31 length, miles...	0.1	..	..	..	19.0	..	..	4.8	..
32 Pumps..... projects reporting...	4	..	..	..	..	..	1	7	..
33 number of pumps...	11	..	..	..	..	..	1	7	..
34 Other (see text)..... projects reporting...	..	..	..	..	1	..	..	7	1
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	28	1	1	23	29	1	2	7	36
36 dollars...	1,754,347	225,000	198,120	533,149	189,439	352,748	171,800	928,010	493,755

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

Parish Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year		Rapides	Red River	Richland	St. Bernard	St. Charles	St. James	St. John the Baptist	St. Landry	St. Martin
AREA										
1	Approximate land area.....acres 1960...	842,240	264,320	368,640	326,400	194,560	159,360	144,000	595,200	461,440
2	Land in farms.....acres 1959...	261,111	150,355	253,558	12,797	43,901	52,785	32,677	310,826	97,751
3	Drainage projects..... number 1960...	25	8	12	2	9	26	10	31	8
4	..... 1950...	4	4	7	3	4	1	7	40	2
5	Total area in drainage projects ¹ acres served 1960...	215,000	91,000	368,640	74,000	41,427	159,360	12,727	307,639	187,648
6	..... 1950...	850,560	91,000	368,640	226,895	32,842	75	13,509	266,099	461,440
7	Area not used for agriculture or not drained..... acres served 1960...	17,900	...	48,896	69,600	...	77,360	...	...	37,376
8	Net area drained and used for agriculture..... acres served 1960...	197,100	91,000	319,744	4,400	41,427	82,000	12,727	307,639	150,272
9	Drainage established before 1950..... acres served 1960...	197,100	91,000	319,744	4,400	34,777	3,318	9,448	254,465	150,272
10	Area added, 1950-1959..... acres served 1960...	...	...	...	...	6,650	78,682	3,279	53,174	...
11	Area served by two or more projects..... acres served 1960...	24,922	11,950	8,794	...	3,168	23,654	...	53,547	57,398
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12	Drains owned by one landowner..... number of projects...	23	5	2	...	5	24	9	6	2
13	..... acres served ² ..	24,297	10,700	2,048	...	6,818	23,654	9,654	7,457	3,913
14	Cooperative or mutual drains..... number of projects...	1	1	9	...	...	1	...	6	1
15	..... acres served ² ..	625	1,250	6,746	...	...	2,957	...	2,975	1,500
16	Legally organized public drains..... number of projects...	1	2	1	2	4	1	1	19	5
17	..... acres served ² ..	197,100	91,000	319,744	4,400	37,777	82,000	3,073	351,254	220,718
PROJECTS, 1960, BY YEAR STARTED										
18	1950-1959..... number of projects...	15	2	4	...	3	22	3	6	...
19	..... acres served ² ..	15,175	4,600	2,993	...	3,568	105,293	3,279	55,062	...
20	Prior to 1950..... number of projects...	10	6	8	2	6	4	7	25	8
21	..... acres served ² ..	206,847	98,350	325,545	4,400	41,027	3,318	9,448	306,624	226,131
DRAINAGE OPERATIONS, 1950-1959 ³										
22	Cost of drainage works and services.....projects reporting...	22	7	5	1	8	26	9	24	7
23	..... dollars...	919,470	89,748	1,760,306	150,000	769,525	1,404,823	225,366	686,658	1,119,538
24	New drainage works constructed, enlarged, or installed.....projects reporting...	21	6	5	1	5	24	7	7	3
25	..... dollars...	425,468	48,261	410,306	100,000	165,926	927,480	60,802	142,316	680,315
26	Open ditches.....projects reporting...	21	6	5	1	5	24	7	7	3
27	..... length, miles...	167.1	80.0	129.2	8.0	149.9	363.8	116.6	90.6	270.6
28	Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...	...
29	..... length, miles...	...	...	...	...	...	...	...	...	...
30	Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	1
31	..... length, miles...	...	...	...	...	...	...	...	...	4.0
32	Pumps.....projects reporting...	...	...	...	...	...	...	...	...	1
33	..... number of pumps...	...	...	...	...	...	...	...	...	2
34	Other (see text).....projects reporting...	...	...	...	...	...	...	...	...	1
35	Cost of maintenance, operation, repair, and administration.....projects reporting...	6	5	1	1	7	23	9	17	6
36	..... dollars...	494,002	41,487	1,350,000	50,000	603,599	477,343	164,564	544,342	439,223

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

Parish Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	St. Mary	Tangipahoa	Tensas	Terrebonne	Vermillion	West Baton Rouge	West Carroll	West Feliciana
AREA								
1 Approximate land area.....acres 1960...	387,200	513,920	398,720	890,240	783,360	128,000	227,840	262,400
2 Land in farms.....acres 1959...	139,947	184,455	245,166	100,537	386,801	54,057	183,945	137,984
3 Drainage projects..... number 1960...	15	3	30	11	57	10	44	1
4	2	89	23	3	215	1	4	...
5 Total area in drainage projects ¹ acres served 1960...	260,501	291,192	125,958	194,000	407,199	77,154	227,840	15,000
6	387,200	122,323	49,768	890,240	480,256	128,640	227,840	...
7 Area not used for agriculture or not drained..... acres served 1960...	179,000	64,352	41,140	64,000	44,652	23,269	20,000	3,000
8 Net area drained and used for agriculture..... acres served 1960...	81,501	226,840	84,818	130,000	362,547	53,885	207,840	12,000
9 Drainage established before 1950..... acres served 1960...	81,501	121,855	33,152	130,000	360,797	53,885	207,840	12,000
10 Area added, 1950-1959..... acres served 1960...	...	104,985	51,666	...	1,750	...	...	...
11 Area served by two or more projects..... acres served 1960...	17,282	...	8,144	24,151	58,788	12,493	31,896	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	14	...	23	10	29	9	...	1
13	17,783	...	27,297	24,151	60,108	12,493	...	12,000
14 Cooperative or mutual drains.....number of projects...	...	...	4	...	12	...	43	...
15 .....	...	...	3,336	...	14,842	...	31,896	...
16 Legally organized public drains..... number of projects...	1	3	3	1	16	1	1	...
17	81,000	226,840	62,329	130,000	348,345	53,885	207,840	...
PROJECTS, 1960, BY YEAR STARTED								
18 1960-1959.....number of projects...	6	2	13	...	7	...	39	...
19	3,852	182,840	65,622	...	9,371	...	29,296	...
20 Prior to 1950.....number of projects...	9	1	17	11	50	10	5	1
21	94,931	44,000	27,340	154,151	413,924	66,378	210,440	12,000
DRAINAGE OPERATIONS, 1950-1959³								
22 Cost of drainage works and services.....projects reporting...	15	2	22	11	45	10	40	1
23	1,599,547	1,485,598	370,989	1,612,942	1,269,741	807,070	382,976	100,000
24 New drainage works constructed, enlarged, or installed.....projects reporting...	13	2	22	7	36	8	40	1
25	476,800	934,598	364,369	91,814	701,786	350,017	125,343	12,000
26 Open ditches.....projects reporting...	11	2	22	7	36	8	40	1
27	221.7	167.8	323.4	25.3	341.8	165.9	88.9	22.7
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...
29 .....	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	1	...	...	...	12	...	...	...
31	2.0	...	...	...	75.6	...	...	...
32 Pumps.....projects reporting...	3	...	...	...	16	...	...	1
33	5	...	...	...	47	...	...	4
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	15	1	2	11	30	10	1	1
36	1,122,747	551,000	6,620	1,521,128	567,955	457,053	257,633	88,000

¹Land served by two or more projects counted only once.

²Acres served by two projects are included for each project. See text.

³Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area.....acres...	6,319,360	6,323,840	6,327,680	6,362,240	6,362,240
Land in farms.....acres...	3,456,769	4,055,529	4,197,827	4,374,398	4,757,999
Drainage projects.....number...	138	93	126	...	...
Total area in drainage projects.....acres served...	353,837	323,815	183,337	...	...
Area not used for agriculture or not drained.....acres served...	3,390	NA	NA	...	...
Not area drained and used for agriculture.....acres served...	350,447	NA	¹ 181,891	...	...
Drainage established 10 years or more before Census date.....acres served...	341,631	NA	NA	...	...
Drainage established within 10 years of Census date.....acres served...	8,816	NA	NA	...	...
Area served by two or more projects.....acres served...	44,541	41,853	7,585	...	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner.....number of projects...	...	...	...	...	...
.....acres served...	...	...	...	...	...
Cooperative or mutual drains.....number of projects...	9	3	...	...	...
.....acres served...	14,183	4,333	...	...	...
Legally organized public drains.....number of projects...	129	90	NA	...	...
.....acres served...	382,603	319,482	183,337	...	...
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date.....number of projects...	116	73	NA	...	...
.....acres served...	360,432	266,290	57,472	...	...
Started within 10 years of Census date.....number of projects...	22	20	NA	...	...
.....acres served...	36,354	57,525	125,865	...	...
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services.....projects reporting...	29	28	NA	...	...
.....dollars...	409,308	183,309	NA	...	...
New drainage works constructed, enlarged, or installed.....projects reporting...	23	² 22	NA	...	...
.....cost, dollars...	393,798	² 129,578	NA	...	...
Open ditches.....projects reporting...	23	26	NA	...	...
.....length, miles...	137.2	138	NA	...	...
Tile or covered drains.....projects reporting...	...	...	NA	...	...
.....length, miles...	...	...	NA	...	...
Levees or dikes.....projects reporting...	...	...	NA	...	...
.....length, miles...	...	...	NA	...	...
Pumps.....projects reporting...	...	NA	NA	...	...
.....number of pumps...	...	NA	NA	...	...
Other (see text).....projects reporting...	...	NA	NA	...	...
Cost of maintenance, operation, repair, and administration.....projects reporting...	8	NA	NA	...	...
.....dollars...	15,600	53,731	NA	...	...
STATUS ON CENSUS DATE					
Capital investment.....dollars...	NA	NA	43,914	...	...
Physical works:					
Open ditches.....length, miles...	NA	NA	461.3	...	...
Tile drains.....length, miles...	NA	NA	...	...	...
Levees and dikes.....length, miles...	NA	NA	...	...	...
Pumping units.....number of units...	NA	...	...	...	...

NA Not available.

¹Not fully comparable. See text.

²Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	138	396,786	90,880	128	387,970	10	8,816
2	500 to 999 acres.....	45	31,330	8,155	38	26,788	7	4,542
3	1,000 to 1,999 acres.....	36	52,090	9,863	33	47,816	3	4,274
4	2,000 to 4,999 acres.....	41	127,218	14,970	41	127,218	...	...
5	5,000 to 9,999 acres.....	13	89,562	21,173	13	89,562	...	...
6	10,000 to 19,999 acres.....	2	33,541	22,943	2	33,541	...	...
7	20,000 to 49,999 acres.....	...	...	...	...	...	...	...
8	50,000 to 99,999 acres.....	1	63,045	13,776	1	63,045	...	...
9	100,000 or more acres.....	...	...	...	...	...	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	138	396,786	90,880	128	387,970	10	8,816
2	Drains owned by one landowner.....	...	...	...	...	...	...	...
3	Cooperative or mutual drains.....	9	14,183	2,234	6	12,349	3	1,834
4	Legally organized public drains.....	129	382,603	88,646	122	375,621	7	6,982

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	138	396,786	90,880	128	387,970	10	8,816
2	1960-1959.....	22	36,354	3,152	12	27,538	10	8,816
3	Prior to 1960.....	116	360,432	87,728	116	360,432	...	...

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	The State	Caroline	Dorchester	Queen Annes	Somerset	Wicomico	Worcester
AREA							
1 Approximate land area.....acres 1960...	6,319,360	204,800	371,200	238,720	212,480	243,200	309,120
2 Land in farms.....acres 1959...	3,456,769	156,771	157,050	182,772	85,528	131,363	146,847
3 Drainage projects..... number 1960...	1138	35	27	33	28	14	9
4 1950...	193	27	19	23	20	8	7
5 Total area in drainage projects ² acres served 1960...	353,837	56,076	52,268	66,921	73,821	55,430	49,321
6 1950...	323,815	50,938	43,922	64,183	64,118	52,429	48,225
7 Area not used for agriculture or not drained..... acres served 1960...	3,390	...	...	...	2,452	...	938
8 Net area drained and used for agriculture..... acres served 1960...	350,447	56,076	52,268	66,921	71,369	55,430	48,383
9 Drainage established before 1950..... acres served 1960...	341,631	53,691	52,268	65,009	70,210	53,166	47,287
10 Area added, 1950-1959..... acres served 1960...	8,816	2,385	...	1,912	1,159	2,264	1,096
11 Area served by two or more projects..... acres served 1960...	44,541	8,365	1,575	20,825	...	13,776	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION							
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...
13 acres served ³...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	9	...	...	...	5	4	...
15 acres served ³ ...	14,183	...	...	...	9,175	5,008	...
16 Legally organized public drains..... number of projects...	1129	35	27	33	23	10	9
17 acres served ³ ...	382,603	64,441	53,843	89,544	62,194	64,198	48,383
PROJECTS, 1960, BY YEAR STARTED							
18 1950-1959..... number of projects...	22	3	...	5	5	4	5
19 acres served ³ ...	36,354	3,102	...	3,847	9,175	2,764	17,466
20 Prior to 1950..... number of projects...	1116	32	27	28	23	10	4
21 acres served ³ ...	360,432	61,339	53,843	85,697	62,194	66,442	30,917
DRAINAGE OPERATIONS, 1950-1959 ⁴							
22 Cost of drainage works and services.....projects reporting...	29	7	...	5	6	7	4
23 dollars...	409,398	107,603	...	65,956	46,335	24,541	164,963
24 New drainage works constructed, enlarged, or installed.....projects reporting...	23	6	...	5	4	4	4
25 dollars...	393,798	107,360	...	65,956	42,150	13,369	164,963
26 Open ditches.....projects reporting...	23	6	...	5	4	4	4
27 length, miles...	137.2	37.1	...	18.2	14.6	14.8	52.5
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	8	1	...	...	2	5	...
36 dollars...	15,600	243	...	...	4,185	11,172	...

¹An intercounty project is counted in each county in which a part is located. It is counted only once in the State total.²Land served by two or more projects counted only once.³Acres served by two projects are included for each project. See text.⁴Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	36,492,160	36,494,080	36,494,080	36,787,200	36,787,200
Land in farms..... acres...	14,782,507	17,269,992	18,037,995	17,118,951	19,032,961
Drainage projects..... number...	86	54	¹ 7,692	NA	NA
Total area in drainage projects..... acres served...	10,208,735	10,194,439	8,978,386	9,180,851	9,729,171
Area not used for agriculture or not drained..... acres served...	331,686	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	9,877,049	NA	² 7,796,979	² 8,826,265	NA
Drainage established 10 years or more before Census date..... acres served...	9,753,462	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	123,587	NA	NA	NA	NA
Area served by two or more projects..... acres served...	23,279	NA	7,091,887	5,851,841	6,037,307
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	11	(³)	NA	NA	NA
acres served ³ ..	7,454	(³)	7,560	21,530	22,280
Cooperative or mutual drains..... number of projects...	21	(³)	...	...	...
acres served ³ ..	22,724	(³)	...	...	...
Legally organized public drains..... number of projects...	54	³ 54	NA	NA	NA
acres served ³ ..	9,870,150	³ 10,194,439	8,970,826	9,159,321	9,706,891
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	64	NA	NA	NA	NA
acres served...	9,883,963	NA	8,276,514	8,336,081	⁴ 6,273,912
Started within 10 years of Census date..... number of projects...	22	NA	NA	NA	NA
acres served...	16,365	NA	701,872	844,770	⁴ 3,435,274
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	79	51	NA	NA	NA
dollars...	37,186,074	20,235,636	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	67	⁵ 37	NA	NA	NA
cost, dollars...	4,783,366	⁵ 2,556,472	NA	NA	NA
Open ditches..... projects reporting...	64	34	NA	NA	NA
length, miles...	974.6	554	NA	NA	NA
Tile or covered drains..... projects reporting...	29	28	NA	NA	NA
length, miles...	208.5	145	NA	NA	NA
Levees or dikes..... projects reporting...	2	...	NA	NA	NA
length, miles...	4.7	...	NA	NA	NA
Pumps..... projects reporting...	7	NA	NA	NA	NA
number of pumps...	15	NA	NA	NA	NA
Other (see text)..... projects reporting...	4	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	55	51	NA	NA	NA
dollars...	32,402,708	17,679,164	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	40,412,251	37,677,084	24,683,715
Physical works:					
Open ditches..... length, miles...	NA	NA	19,608.6	17,188.5	16,023.8
Tile drains..... length, miles...	NA	NA	3,229.5	3,490.2	2,173.9
Levees and dikes..... length, miles...	NA	NA	13.6	34.6	33.1
Pumping units..... number of units...	NA	NA	2	3	NA

NA Not available.

¹In 1940, each county drain was counted as a separate project. See text.

²Not fully comparable. See text.

³All projects in 1950 included with county drains. See text.

⁴1920 figures exclude 19,985 acres for which date of organization was not reported.

⁵Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	86	9,900,328	46,558	83	9,776,741	42	123,587
2	500 to 999 acres.....	28	18,013	11,114	25	13,353	11	4,660
3	1,000 to 1,999 acres.....	5	7,085	3,765	5	7,085	...	...
4	2,000 to 4,999 acres.....	1	4,200	600	1	4,200	...	...
5	5,000 to 9,999 acres.....	3	22,096	8,850	3	22,096	...	...
6	10,000 to 19,999 acres.....	2	31,169	...	2	31,169	...	...
7	20,000 to 49,999 acres.....	5	184,213	1,108	5	184,213	...	...
8	50,000 to 99,999 acres.....	5	403,485	...	5	403,035	1	450
9	100,000 or more acres.....	37	9,230,067	21,121	37	9,111,590	30	118,477

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	86	9,900,328	46,558	83	9,776,741	42	123,587
2	Drains owned by one landowner.....	11	7,454	4,864	11	6,054	4	1,400
3	Cooperative or mutual drains.....	21	22,724	18,415	18	19,234	7	3,490
4	Legally organized public drains.....	54	9,870,150	23,279	54	9,751,453	31	118,697

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	86	9,900,328	46,558	83	9,776,741	42	123,587
2	1950-1959.....	22	16,365	10,205	19	11,705	11	4,660
3	Prior to 1950.....	64	9,883,963	36,353	64	9,765,036	31	118,927

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
79	37,186,074	67	4,783,366	64	974.6	29	208.5	2	4.7	7	15	4	1
25	311,587	24	264,987	22	37.2	9	157.0	1	0.7	2	5	2	2
4	55,731	4	55,731	4	7.4	1	15.0	1	4.0	1	2	1	3
1	1,700	...	...	...	...	...	...	...	...	...	...	...	4
2	175,896	2	3,896	1	0.2	...	...	...	...	1	3	...	5
2	27,983	...	...	...	...	...	...	...	...	...	...	...	6
3	139,109	1	7,100	1	0.5	...	...	...	...	...	...	...	7
5	581,023	1	19,480	1	1.0	1	0.1	...	...	...	...	...	8
37	35,893,045	35	4,432,172	35	928.3	18	36.4	...	...	3	5	1	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
79	37,186,074	67	4,783,366	64	974.6	29	208.5	2	4.7	7	15	4	1
9	247,500	9	222,300	8	19.2	7	154.7	1	0.7	1	4	...	2
20	244,818	19	51,418	17	21.4	2	2.3	...	...	2	4	3	3
50	36,693,756	39	4,509,648	39	934.0	20	51.5	1	4.0	4	7	1	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
79	37,186,074	67	4,783,366	64	974.6	29	208.5	2	4.7	7	15	4	1
22	270,068	22	270,068	22	30.5	7	116.9	2	4.7	2	6	3	2
57	36,916,006	45	4,513,298	42	944.1	22	91.6	...	...	5	9	1	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Alcona	Allegan	Alpena	Arenac	Barry	Bay	Berrien	Branch	Calhoun
AREA										
1 Approximate land area.....acres 1960...	36,492,160	433,280	530,560	363,520	235,520	351,360	285,440	371,200	323,840	453,760
2 Land in farms.....acres 1959...	14,782,507	99,803	323,225	135,133	108,956	244,336	193,555	263,926	280,603	335,479
3 Drainage projects..... number 1960...	86	2	1	...	1	5	2	1	1	1
4 1950...	54	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	10,208,735	4,200	238,017	...	171,868	160,862	255,634	153,185	239,504	224,464
6 1950...	10,194,439	4,520	238,017	40,525	171,868	159,252	253,184	152,640	219,424	222,967
7 Area not used for agriculture or not drained..... acres served 1960...	331,686	...	920	...	...	...	12,320	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	9,877,049	4,200	237,097	...	171,868	160,862	243,314	153,185	239,504	224,464
9 Drainage established before 1950..... acres served 1960...	9,753,462	4,200	237,097	...	171,868	159,252	240,864	152,640	219,424	222,967
10 Area added, 1950-1959..... acres served 1960...	123,587	...	...	...	...	1,610	2,450	545	20,080	1,497
11 Area served by two or more projects..... acres served 1960...	23,279	600	...	...	...	1,800	580	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner..... number of projects...	11	...	...	...	...	...	...	...	...	...
13 acres served ² ...	7,454	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	21	1	...	...	...	4	1	...	...	...
15 acres served ² ...	22,724	600	...	...	...	2,770	580	...	...	...
16 Legally organized public drains..... number of projects...	54	1	1	...	1	1	1	1	1	1
17 acres served ² ...	9,870,150	4,200	237,097	...	171,868	159,892	243,314	153,185	239,504	224,464
PROJECTS, 1960, BY YEAR STARTED										
18 1950-1959..... number of projects...	22	1	...	...	...	4	...	...	...	...
19 acres served ² ...	16,365	600	...	...	...	2,770	...	...	...	...
20 Prior to 1950..... number of projects...	64	1	1	...	1	1	2	1	1	1
21 acres served ² ...	9,883,963	4,200	237,097	...	171,868	159,892	243,894	153,185	239,504	224,464
DRAINAGE OPERATIONS, 1950-1959 ³										
22 Cost of drainage works and services.....projects reporting...	79	2	1	...	1	5	2	1	1	1
23 dollars...	37,186,074	3,550	321,663	...	19,673	155,892	1,119,431	637,768	675,088	565,565
24 New drainage works constructed, enlarged, or installed.....projects reporting...	67	1	1	...	1	5	1	1	1	1
25 dollars...	4,783,366	1,850	10,720	...	3,944	78,940	502,250	13,600	128,839	48,394
26 Open ditches.....projects reporting...	64	1	1	...	1	5	1	1	1	1
27 length, miles...	974.6	1.3	7.3	...	1.4	20.4	132.9	3.9	35.7	13.0
28 Tile or covered drains.....projects reporting...	29	...	...	...	...	1	1	1	1	1
29 length, miles...	208.5	...	...	...	...	0.9	1.4	0.1	3.5	1.1
30 Levees or dikes.....projects reporting...	2	...	...	...	...	...	...	...	...	...
31 length, miles...	4.7	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	7	...	...	...	...	...	1	...	1	...
33 number of pumps...	15	...	...	...	...	...	3	...	1	...
34 Other (see text).....projects reporting...	4	...	...	...	...	...	...	...	...	1
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	55	1	1	...	1	1	2	1	1	1
36 dollars...	32,402,708	1,700	310,943	...	15,729	76,952	617,181	624,168	546,249	517,171

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Cass	Chippewa	Clare	Clinton	Eaton	Genesee	Gladwin	Gratiot	Hillsdale
AREA									
1 Approximate land area.....acres 1960...	312,320	1,011,200	366,080	365,440	362,880	411,520	321,920	362,240	384,640
2 Land in farms.....acres 1959...	225,148	122,334	118,290	324,364	310,342	239,291	126,629	321,737	321,249
3 Drainage projects..... number 1960...	3	1	2	1	1	1	1	2	1
4 1950...	1	...	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	49,675	960	19,542	316,230	324,150	274,418	105,827	338,320	192,038
6 1950...	49,675	...	22,202	315,656	323,200	272,417	117,637	335,320	188,488
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	1,220	800	13,000	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	49,675	960	19,542	315,010	323,350	261,418	105,827	338,320	192,038
9 Drainage established before 1950..... acres served 1960...	49,675	...	19,002	314,436	322,400	259,417	105,377	335,320	188,488
10 Area added, 1950-1959..... acres served 1960...	...	960	540	574	950	2,001	450	3,000	3,550
11 Area served by two or more projects..... acres served 1960...	1,108	...	...	...	...	...	...	510	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	2	...	...	...	...	...	...	...	...
13 acres served ² ...	1,108	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	1	1	...	...	...	...	1	...
15 acres served ²...	...	960	540	...	...	...	...	510	...
16 Legally organized public drains..... number of projects...	1	...	1	1	1	1	1	1	1
17 acres served ² ...	49,675	...	19,002	315,010	323,350	261,418	105,827	338,320	192,038
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	...	1	1	...	...	...	...	1	...
19 acres served ²...	...	960	540	...	...	...	...	510	...
20 Prior to 1950..... number of projects...	3	...	1	1	1	1	1	1	1
21 acres served ² ...	50,783	...	19,002	315,010	323,350	261,418	105,827	338,320	192,038
DRAINAGE OPERATIONS, 1950-1959³									
22 Cost of drainage works and services..... projects reporting...	3	(⁴)	2	1	1	1	1	2	1
23 dollars...	181,203	(⁴)	22,860	146,155	1,076,717	1,402,869	26,889	4,353,954	409,363
24 New drainage works constructed, enlarged, or installed..... projects reporting...	3	(⁴)	1	1	1	1	1	2	1
25 dollars...	42,100	(⁴)	1,365	3,658	233,700	68,959	8,900	255,372	109,193
26 Open ditches..... projects reporting...	3	(⁴)	1	1	1	1	1	2	1
27 length, miles...	11.2	(⁴)	0.9	1.3	26.7	10.3	2.6	20.5	23.2
28 Tile or covered drains..... projects reporting...	2	...	...	...	1	...	...	2	1
29 length, miles...	47.5	...	...	...	3.2	...	...	3.4	10.9
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	3	...	1	1	1	1	1	1	1
36 dollars...	139,103	...	21,495	142,497	843,017	1,333,910	17,989	4,098,582	300,170

¹Land served by two or more projects counted only once.

²Acres served by two projects are included for each project. See text.

³Includes projects taken over by another project prior to 1960. See text.

⁴Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Huron	Ingham	Ionia	Iosco	Isabella	Jackson	Kalamazoo	Kent	Lapeer
AREA									
1 Approximate land area.....acres 1960...	526,080	357,760	368,000	350,080	366,080	451,200	362,880	551,680	420,480
2 Land in farms.....acres 1959...	467,163	282,030	306,679	84,126	271,007	305,839	223,062	311,605	321,801
3 Drainage projects..... number 1960...	1	3	1	1	2	1	1	1	6
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	386,969	315,197	209,387	92,716	233,344	156,200	64,328	190,137	308,541
6 1950...	378,169	330,824	209,387	96,666	227,328	175,022	65,128	188,569	287,539
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	2,520	4,480	...	9,000	...
8 Net area drained and used for agriculture..... acres served 1960...	386,969	315,197	209,387	92,716	230,824	151,720	64,328	181,137	308,541
9 Drainage established before 1950..... acres served 1960...	375,520	314,997	209,387	92,266	226,088	151,020	64,328	179,569	287,539
10 Area added, 1950-1959..... acres served 1960...	11,449	200	...	450	4,736	700	...	1,568	21,002
11 Area served by two or more projects..... acres served 1960...	...	540	...	...	600	...	...	...	1,350
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	1	...	...	...	...	...	...	2
13 acres served ²..	...	800	...	...	...	...	...	...	1,400
14 Cooperative or mutual drains..... number of projects...	...	1	...	...	1	...	...	...	3
15 acres served ²..	...	540	...	...	600	...	...	...	1,989
16 Legally organized public drains..... number of projects...	1	1	1	1	1	1	1	1	1
17 acres served ² ..	386,969	314,397	209,387	92,716	230,824	151,720	64,328	181,137	306,502
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959..... number of projects...	...	1	...	...	1	...	...	...	2
19 acres served ²..	...	540	...	...	600	...	...	...	1,170
20 Prior to 1950..... number of projects...	1	2	1	1	1	1	1	1	4
21 acres served ² ..	386,969	315,197	209,387	92,716	230,824	151,720	64,328	181,137	308,721
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	1	2	1	1	2	1	1	1	6
23 dollars...	1,253,451	3,103,655	367,544	20,755	442,237	695,006	215,609	377,071	430,608
24 New drainage works constructed, enlarged, or installed.....projects reporting...	1	2	1	1	2	1	...	1	6
25 dollars...	210,150	140,802	3,949	19,480	51,700	67,456	...	17,691	124,426
26 Open ditches.....projects reporting...	1	2	1	1	2	1	...	1	5
27 length, miles...	37.0	12.1	0.6	1.0	12.1	5.4	...	8.2	29.4
28 Tile or covered drains.....projects reporting...	1	1	1	1	1	...	...	...	1
29 length, miles...	0.3	2.4	0.4	0.1	2.5	...	...	...	7.6
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	1	...	...	...	...	...	...	...	...
33 number of pumps...	1	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...	1
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	1	1	1	1	1	1	1	3
36 dollars...	1,043,301	2,962,853	363,595	1,275	390,537	627,550	215,609	359,380	306,182

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	Lenawee	Livingston	Macomb	Manistee	Washtenaw	Mecosta	Midland	Missaukee	Monroe
AREA									
1 Approximate land area.....acres 1960...	482,560	365,440	307,840	357,120	315,520	360,320	332,800	361,600	359,680
2 Land in farms.....acres 1959...	427,353	229,492	151,229	80,398	124,653	191,324	129,644	130,922	280,742
8 Drainage projects..... number 1960...	1	2	2	1	1	1	1	1	1
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	376,988	144,437	220,960	13,767	46,461	27,725	262,507	27,525	352,564
6 1950...	375,168	142,414	219,054	13,767	46,461	27,725	262,372	27,525	356,324
7 Area not used for agriculture or not drained..... acres served 1960...	...	1,280	55,000	1,600	2,300	...	5,480	4,200	13,240
8 Net area drained and used for agriculture..... acres served 1960...	376,988	143,157	165,960	12,167	44,161	27,725	257,027	23,325	339,324
9 Drainage established before 1960..... acres served 1960...	376,668	139,214	164,054	12,167	44,161	27,725	255,812	23,325	339,324
10 Area added, 1950-1959..... acres served 1960...	320	3,943	1,906	...	...	...	1,215	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	240	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	...
13 acres served ²...	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	1	1	...	...	...	...	...	...
15 acres served ²...	...	160	500	...	...	...	...	...	...
16 Legally organized public drains..... number of projects...	1	1	1	1	1	1	1	1	1
17 acres served ² ...	376,988	142,997	165,700	12,167	44,161	27,725	257,027	23,325	339,324
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	...	1	1	...	...	...	...	...	...
19 acres served ²...	...	160	500	...	...	...	...	...	...
20 Prior to 1950..... number of projects...	1	1	1	1	1	1	1	1	1
21 acres served ² ...	376,988	142,997	165,700	12,167	44,161	27,725	257,027	23,325	339,324
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	1	2	2	1	1	1	1	...	1
23 dollars...	749,767	442,033	167,351	6,488	12,224	3,682	102,689	...	1,033,015
24 New drainage works constructed, enlarged, or installed.....projects reporting...	1	(⁴)	2	...	...	...	1	...	...
25 dollars...	7,000	(⁴)	18,370	...	...	...	85,309	...	...
26 Open ditches.....projects reporting...	1	(⁴)	2	...	...	...	1	...	...
27 length, miles...	1.9	(⁴)	3.8	...	...	...	8.7	...	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	1	...	...
29 length, miles...	...	...	...	...	...	...	1.5	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	(⁴)	1	1	1	1	1	...	1
36 dollars...	742,767	(⁴)	148,981	6,488	12,224	3,682	17,380	...	1,033,015

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.
⁴Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Montcalm	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Osceola	Ottawa	Presque Isle	Roscommon
AREA										
1 Approximate land area.....acres 1960...	455,680	322,560	548,480	561,280	343,040	367,360	371,840	360,960	418,560	333,440
2 Land in farms.....acres 1959...	321,688	97,524	184,058	165,110	170,963	126,943	199,230	217,558	138,772	12,212
3 Drainage projects..... number 1960...	1	1	1	1	1	2	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	164,024	95,194	140,352	206,259	86,968	8,120	41,007	190,122	1,820	6,486
6	152,704	96,704	139,392	202,419	86,903	7,930	41,007	190,722	1,820	14,549
7 Area not used for agriculture or not drained..... acres served 1960...	...	2,880	...	60,000	6,000	720	1,680	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	164,024	92,314	140,352	146,259	80,968	7,400	39,327	190,122	1,820	6,486
9 Drainage established before 1950..... acres served 1960...	152,704	92,314	139,392	142,419	80,968	7,210	39,327	189,922	1,820	6,486
10 Area added, 1950-1959..... acres served 1960...	11,320	...	960	3,840	...	190	...	200	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	450	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	1	...	...	...	...
13 .....	...	...	...	...	...	640	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	...	...	...	...	...	...	...
15 .....	...	...	...	...	...	...	...	...	...	...
16 Legally organized public drains..... number of projects...	1	1	1	1	1	1	1	1	1	1
17	164,024	92,314	140,352	146,259	80,968	7,210	39,327	190,122	1,820	6,486
PROJECTS, 1960, BY YEAR STARTED										
18 1950-1959..... number of projects...	...	...	...	...	...	1	...	...	...	...
19 .....	...	...	...	...	...	640	...	...	...	...
20 Prior to 1950..... number of projects...	1	1	1	1	1	1	1	1	1	1
21	164,024	92,314	140,352	146,259	80,968	7,210	39,327	190,122	1,820	6,486
DRAINAGE OPERATIONS, 1950-1959 ³										
22 Cost of drainage works and services..... projects reporting...	1	1	1	1	1	(⁴)	...	1	...	1
23	309,113	170,752	193,863	250,950	32,214	(⁴)	...	316,160	...	896
24 New drainage works constructed, enlarged, or installed..... projects reporting...	1	...	1	1	...	(⁴)	...	1	...	1
25	178,000	...	68,695	153,572	...	(⁴)	...	69,865	...	896
26 Open ditches..... projects reporting...	1	...	1	1	...	(⁴)	...	1	...	1
27	60.5	...	4.8	3.3	...	(⁴)	...	5.7	...	0.2
28 Tile or covered drains..... projects reporting...	...	...	1	1	...	(⁴)	...	1	...	...
29 .....	...	...	1.5	0.7	...	(⁴)	...	1.1	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...	...	...
31 .....	...	...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...	...
33 .....	...	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	1	1	1	1	1	...	...	1	...	...
36	131,113	170,752	125,168	97,378	32,214	...	...	246,295	...	...

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.⁴Included in State total only.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Saginaw	St. Clair	St. Joseph	Sanilac	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne
AREA									
1 Approximate land area..... acres 1960...	519,680	473,600	325,120	615,040	345,600	522,240	388,480	458,240	388,480
2 Land in farms..... acres 1959...	402,060	309,987	255,655	537,716	296,723	404,433	265,471	320,097	84,744
3 Drainage projects..... number 1960...	5	4	1	1	1	3	2	4	1
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	462,268	254,808	73,159	487,559	281,132	422,583	190,022	364,196	234,009
6 1950...	459,968	242,127	73,159	480,889	278,112	421,373	190,022	364,196	234,009
7 Area not used for agriculture or not drained..... acres served 1960...	5,200	12,797	...	...	...	5,280	...	14,000	95,769
8 Net area drained and used for agriculture..... acres served 1960...	457,068	242,011	73,159	487,559	281,132	417,303	190,022	350,196	138,240
9 Drainage established before 1950..... acres served 1960...	453,268	229,330	73,159	486,889	278,112	416,093	190,022	350,196	138,240
10 Area added, 1950-1959..... acres served 1960...	3,800	12,681	...	670	3,020	1,210	...	...	...
11 Area served by two or more projects..... acres served 1960...	9,250	1,130	...	...	...	1,500	176	3,445	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	1	3	...	...	...	1	1	...	...
13 acres served ² ...	640	1,790	...	...	...	900	176	...	...
14 Cooperative or mutual drains..... number of projects...	2	...	...	...	...	1	...	3	...
15 acres served ² ...	8,930	...	...	...	...	600	...	3,445	...
16 Legally organized public drains..... number of projects...	2	1	1	1	1	1	1	1	1
17 acres served ² ...	456,748	241,351	73,159	487,559	281,132	417,303	190,022	350,196	138,240
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1969..... number of projects...	2	3	...	...	...	...	...	3	...
19 acres served ² ...	2,140	1,790	...	...	...	...	...	3,445	...
20 Prior to 1960..... number of projects...	3	1	1	1	1	3	2	1	1
21 acres served ² ...	464,178	241,351	73,159	487,559	281,132	418,803	190,198	350,196	138,240
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services..... projects reporting...	5	4	1	1	1	1	2	4	1
23 dollars...	4,120,646	814,260	141,693	1,122,660	805,170	2,001,602	540,361	636,508	5,143,351
24 New drainage works constructed, enlarged, or installed..... projects reporting...	5	4	...	1	1	1	(⁴)	3	1
25 dollars...	277,068	296,844	...	1,120,931	123,344	84,560	(⁴)	8,653	12,948
26 Open ditches..... projects reporting...	3	4	...	1	1	1	(⁴)	3	1
27 length, miles...	49.4	56.2	...	290.7	20.3	17.7	(⁴)	3.4	5.0
28 Tile or covered drains..... projects reporting...	2	3	...	...	1	...	(⁴)	...	...
29 length, miles...	55.0	56.0	...	...	0.6	...	(⁴)	...	...
30 Levees or dikes..... projects reporting...	1	1	...	...	...	...	...	...	...
31 length, miles...	4.0	0.7	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	3	1	...	...	...	...	...	...	...
33 number of pumps...	6	4	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	2	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	3	1	1	1	1	1	(⁴)	1	1
36 dollars...	3,843,578	517,416	141,693	1,729	681,826	1,917,042	(⁴)	627,855	5,130,403

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.
⁴Included in State total only.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres.....	51,205,760	51,205,760	51,205,760	51,749,120	51,749,120
Land in farms..... acres.....	30,796,097	32,883,163	32,606,962	30,913,367	30,221,758
Drainage projects..... number.....	307	82	¹ 2,498	NA	NA
Total area in drainage projects..... acres served.....	11,688,201	11,269,962	10,990,409	11,474,683	9,232,709
Area not used for agriculture or not drained..... acres served.....	1,127,393	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served.....	10,560,808	NA	² 8,397,586	² 8,782,323	NA
Drainage established 10 years or more before Census date..... acres served.....	9,316,571	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served.....	1,244,237	NA	NA	NA	NA
Area served by two or more projects..... acres served.....	475,138	NA	³ 711,787	³ 206,822	⁴ 741,953
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects.....	25	⁽³⁾	NA	NA	NA
acres served.....	34,930	⁽³⁾	35,730	1,800	800
Cooperative or mutual drains..... number of projects.....	192	⁽³⁾
acres served.....	248,293	⁽³⁾
Legally organized public drains..... number of projects.....	90	³ 82	NA	NA	NA
acres served.....	10,761,923	³ 11,269,962	10,954,679	11,472,883	9,231,909
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects.....	147	NA	NA	NA	NA
acres served.....	10,674,766	NA	10,917,025	10,665,166	⁴ 3,585,208
Started within 10 years of Census date..... number of projects.....	160	NA	NA	NA	NA
acres served.....	370,380	NA	⁷ 73,384	809,517	⁴ 5,633,290
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting.....	248	71	NA	NA	NA
dollars.....	41,809,993	18,310,583	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting.....	207	⁵ 30	NA	NA	NA
cost, dollars.....	23,831,372	⁵ 1,594,914	NA	NA	NA
Open ditches..... projects reporting.....	205	29	NA	NA	NA
length, miles.....	2,333.2	357	NA	NA	NA
Tile or covered drains..... projects reporting.....	47	11	NA	NA	NA
length, miles.....	935.6	80	NA	NA	NA
Levees or dikes..... projects reporting.....	2	...	NA	NA	NA
length, miles.....	0.4	...	NA	NA	NA
Pumps..... projects reporting.....	2	NA	NA	NA	NA
number of pumps.....	2	NA	NA	NA	NA
Other (see text)..... projects reporting.....	2	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting.....	97	71	NA	NA	NA
dollars.....	17,978,621	16,715,669	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars.....	NA	NA	65,576,077	64,139,641	42,017,447
Physical works:					
Open ditches..... length, miles.....	NA	NA	15,856.7	14,477.6	14,657.0
Tile drains..... length, miles.....	NA	NA	9,893.4	9,451.3	5,924.6
Levees and dikes..... length, miles.....	NA	NA	0.4	149.7	0.1
Pumping units..... number of units.....	NA	NA	3	5	...

NA Not available.

¹In 1940 each county drain was counted as a separate project. See text.²Not fully comparable. See text.³All projects in 1950 included with county drains. See text.⁴1920 figures exclude 14,211 acres for which date of organization was not reported.⁵Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	307	11,045,146	959,476	233	9,793,769	161	1,251,377
2	500 to 999 acres.....	110	76,273	30,715	68	42,195	56	34,078
3	1,000 to 1,999 acres.....	76	105,305	41,065	53	65,380	39	39,925
4	2,000 to 4,999 acres.....	34	95,505	33,442	25	46,932	22	48,573
5	5,000 to 9,999 acres.....	5	36,520	8,980	5	31,180	2	5,340
6	10,000 to 19,999 acres.....	7	105,929	120	7	98,281	3	7,648
7	20,000 to 49,999 acres.....	18	608,036	18,840	18	587,096	4	20,940
8	50,000 to 99,999 acres.....	22	1,597,870	124,600	22	1,477,986	10	119,884
9	100,000 or more acres.....	35	8,419,708	701,714	35	7,444,719	25	974,989

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	307	11,045,146	959,476	233	9,793,769	161	1,251,377
2	Drains owned by one landowner.....	25	34,930	24,420	19	25,340	13	9,590
3	Cooperative or mutual drains.....	192	248,293	86,802	124	132,927	105	115,366
4	Legally organized public drains.....	90	10,761,923	848,254	90	9,635,502	43	1,126,421

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	307	11,045,146	959,476	233	9,793,769	161	1,251,377
2	1950-1959.....	160	370,380	212,672	86	211,772	118	158,608
3	Prior to 1950.....	147	10,674,766	746,804	147	9,581,997	43	1,092,769

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
248	41,809,993	207	23,831,372	205	2,333.2	47	935.6	2	0.4	2	2	2	1
84	246,055	80	232,448	80	148.2	9	12.2	...	...	...	...	...	2
61	287,916	56	267,963	55	143.0	8	24.3	...	...	1	1	...	3
30	290,737	27	267,734	27	118.3	4	8.8	...	...	...	...	1	4
4	103,721	2	13,500	2	23.0	...	...	...	...	...	...	...	5
4	197,351	3	132,589	2	7.6	2	4.2	...	...	...	...	...	6
13	561,499	3	214,607	3	26.0	3	8.4	...	...	...	...	...	7
18	3,903,405	10	2,958,699	10	156.9	4	82.3	1	0.1	...	...	...	8
34	36,219,309	26	19,743,832	26	1,710.2	17	795.4	1	0.3	1	1	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
248	41,809,993	207	23,831,372	205	2,333.2	47	935.6	2	0.4	2	2	2	1
24	59,265	24	59,265	24	90.6	...	...	...	...	...	...	...	2
149	772,779	138	716,380	137	331.9	21	45.3	...	...	1	1	2	3
75	40,977,949	45	23,055,727	44	1,910.7	26	890.3	2	0.4	1	1	...	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
248	41,809,993	207	23,831,372	205	2,333.2	47	935.6	2	0.4	2	2	2	1
160	2,361,562	159	2,162,895	159	470.7	19	44.1	...	...	...	...	2	2
88	39,448,431	48	21,668,477	46	1,862.5	28	891.5	2	0.4	2	2	...	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. - DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Aitkin	Anoka	Becker	Beltrami	Benton	Big Stone	Blue Earth	Brown
AREA									
1 Approximate land area.....acres 1960...	51,205,760	1,167,360	272,000	841,600	1,610,880	258,560	326,400	473,600	392,320
2 Land in farms.....acres 1959...	30,796,097	232,046	142,629	499,138	260,747	227,972	310,208	456,255	375,610
3 Drainage projects.....number 1960...	307	2	1	5	6	1	1	3	2
4 1950...	82	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹.....acres served 1960...	11,688,201	262,116	99,968	52,602	297,475	16,840	29,625	176,616	128,115
6 1950...	11,269,962	407,522	99,968	48,102	374,835	16,840	29,625	145,036	88,435
7 Area not used for agriculture or not drained.....acres served 1960...	1,127,393	7,000	...	...	194,691	...	...	...	...
8 Net area drained and used for agriculture.....acres served 1960...	10,560,808	255,116	99,968	52,602	102,784	16,840	29,625	176,616	128,115
9 Drainage established before 1950.....acres served 1960...	9,316,571	255,116	99,968	48,102	100,864	16,840	29,625	145,036	88,435
10 Area added, 1950-1959.....acres served 1960...	1,244,237	...	...	4,500	1,920	...	...	31,580	39,680
11 Area served by two or more projects.....acres served 1960...	475,138	640	...	460	36,996	...	...	...	815
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner.....number of projects...	25	1	...	...	...	...	...	...	...
13 acres served ² ..	34,930	640	...	...	...	...	...	...	...
14 Cooperative or mutual drains.....number of projects...	192	...	...	4	4	...	...	2	1
15 acres served ² ..	248,293	...	...	4,960	3,460	...	...	4,800	815
16 Legally organized public drains.....number of projects...	90	1	1	1	2	1	1	1	1
17 acres served ² ..	10,761,923	255,116	99,968	48,102	136,320	16,840	29,625	171,816	128,115
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959.....number of projects...	160	1	...	4	4	...	...	2	...
19 acres served ² ..	370,380	640	...	4,960	3,460	...	...	4,800	...
20 Prior to 1950.....number of projects...	147	1	1	1	2	1	1	1	2
21 acres served ² ..	10,674,766	255,116	99,968	48,102	136,320	16,840	29,625	171,816	128,930
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	248	2	1	4	5	...	1	3	2
23 dollars...	41,809,993	7,065	27,502	18,878	75,418	...	29,303	865,376	2,288,382
24 New drainage works constructed, enlarged, or installed.....projects reporting...	207	1	...	4	4	...	...	3	2
25 dollars...	23,831,372	2,065	...	17,922	7,808	...	...	504,084	1,224,569
26 Open ditches.....projects reporting...	205	1	...	4	4	...	...	3	2
27 length, miles...	2,333.2	2.0	...	14.8	6.2	...	...	48.6	104.5
28 Tile or covered drains.....projects reporting...	47	...	...	...	...	...	...	3	1
29 length, miles...	935.6	...	...	...	...	...	...	36.9	62.0
30 Levees or dikes.....projects reporting...	2	...	...	...	...	...	...	...	...
31 length, miles...	0.4	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	2	...	...	...	...	...	...	...	...
33 number of pumps...	2	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	2	...	...	2	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	97	1	1	2	1	...	1	3	2
36 dollars...	17,978,621	5,000	27,502	956	67,610	...	29,303	361,292	1,063,813

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Carlton	Carver	Cass	Chippewa	Chisago	Clay	Clearwater	Cottonwood	Crow Wing
AREA									
1 Approximate land area.....acres 1960...	550,400	229,120	1,313,920	372,480	268,160	672,000	643,200	409,600	639,360
2 Land in farms.....acres 1959...	196,325	213,745	250,849	350,579	210,672	625,866	253,193	407,270	181,678
3 Drainage projects.....number 1960...	1	1	1	1	2	12	2	1	1
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹.....acres served 1960...	20,080	28,026	90,379	183,709	42,684	274,415	98,330	142,510	40,672
6 1950...	65,280	18,546	90,379	149,709	41,984	266,470	59,930	137,830	40,672
7 Area not used for agriculture or not drained.....acres served 1960...	1,520	...	...	...	...	...	47,040	...	...
8 Net area drained and used for agriculture.....acres served 1960...	18,560	28,026	90,379	183,709	42,684	274,415	51,290	142,510	40,672
9 Drainage established before 1950.....acres served 1960...	18,560	18,546	90,379	149,709	41,984	265,355	51,290	137,830	40,672
10 Area added, 1960-1959.....acres served 1960...	...	9,480	...	34,000	700	9,060	...	4,680	...
11 Area served by two or more projects.....acres served 1960...	...	...	...	...	...	5,925	16,960	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner.....number of projects...	...	...	...	...	...	...	...	...	...
13 acres served ²..	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains.....number of projects...	...	...	...	...	1	11	...	...	...
15 acres served ²..	...	...	...	...	700	10,990	...	...	...
16 Legally organized public drains.....number of projects...	1	1	1	1	1	1	2	1	1
17 acres served ² ..	18,560	28,026	90,379	183,709	41,984	269,350	68,250	142,510	40,672
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959.....number of projects...	...	...	...	...	1	2	...	...	...
19 acres served ²..	...	...	...	...	700	1,340	...	...	...
20 Prior to 1950.....number of projects...	1	1	1	1	1	10	2	1	1
21 acres served ² ..	18,560	28,026	90,379	183,709	41,984	279,000	68,250	142,510	40,672
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	1	1	...	1	2	3	2	1	...
23 dollars...	5,000	125,446	...	996,327	19,232	265,258	19,902	283,050	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	...	...	1	1	3	1	1	...
25 dollars...	...	...	...	478,780	7,300	76,022	12,038	50,648	...
26 Open ditches.....projects reporting...	...	...	...	1	1	3	1	1	...
27 length, miles...	...	...	...	67.4	3.0	24.3	15.0	7.1	...
28 Tile or covered drains.....projects reporting...	...	...	...	1	...	...	...	1	...
29 length, miles...	...	...	...	26.4	...	...	...	0.6	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	1	...	1	1	1	2	1	...
36 dollars...	5,000	125,446	...	517,547	11,932	189,236	7,864	232,402	...

¹Land served by two or more projects counted only once.

²Acres served by two projects are included for each project. See text.

³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1.—DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Dakota	Dodge	Douglas	Faribault	Freeborn	Grant	Hennepin	Houston	Hubbard
AREA									
1 Approximate land area.....acres 1960...	365,440	278,400	407,680	456,320	449,280	356,480	361,600	361,600	596,480
2 Land in farms.....acres 1959...	298,074	267,835	358,331	446,588	431,991	331,081	188,665	321,072	167,543
3 Drainage projects..... number 1960...	2	12	1	1	16	2	3	1	1
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	10,885	37,580	78,950	270,626	194,214	69,606	42,832	14,528	27,213
6 1950...	7,936	30,771	78,950	259,866	140,544	65,203	41,252	14,528	27,213
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	560	...	...	...	4,600	...	...
8 Net area drained and used for agriculture..... acres served 1960...	10,885	37,580	78,390	270,626	194,214	69,606	38,232	14,528	27,213
9 Drainage established before 1950..... acres served 1960...	7,936	28,890	78,390	259,866	142,064	65,203	38,232	14,528	27,213
10 Area added, 1950-1959..... acres served 1960...	2,949	8,690	...	10,760	52,150	4,403	...	...	...
11 Area served by two or more projects..... acres served 1960...	120	1,480	...	...	2,860	480	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	...
13 acres served ²...	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	1	11	...	...	15	1	1	...	...
15 acres served ² ...	569	12,240	...	...	22,650	1,380	600	...	...
16 Legally organized public drains..... number of projects...	1	1	1	1	1	1	2	1	1
17 acres served ² ...	10,436	26,820	78,390	270,626	174,424	68,706	37,632	14,528	27,213
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	1	9	...	...	13	1	...	...	...
19 acres served ² ...	569	9,050	...	...	19,910	1,380	...	...	...
20 Prior to 1950..... number of projects...	1	3	1	1	3	1	3	1	1
21 acres served ² ...	10,436	30,010	78,390	270,626	177,164	68,706	38,232	14,528	27,213
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services..... projects reporting...	2	11	1	1	16	2	...	...	...
23 dollars...	103,070	120,312	12,784	1,089,910	1,056,571	73,429	...	...	...
24 New drainage works constructed, enlarged, or installed..... projects reporting...	2	10	...	1	14	2	...	...	...
25 dollars...	80,670	110,032	...	198,823	523,814	53,158	...	...	...
26 Open ditches..... projects reporting...	2	10	...	1	14	2	...	...	...
27 length, miles...	7.4	17.7	...	19.8	68.0	4.2	...	...	...
28 Tile or covered drains..... projects reporting...	1	3	...	1	7	...	...	...	...
29 length, miles...	3.8	1.5	...	26.2	30.7	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	1	4	1	1	7	1	...	...	...
36 dollars...	22,400	10,280	12,784	891,087	532,757	20,271	...	...	...

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text

County Table 1. - DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	Isanti	Itasca	Jackson	Kanabec	Kandiyohi	Kittson	Koochiching	Lac qui Parle	Lake of the Woods
AREA									
1 Approximate land area.....acres 1960...	282,880	1,704,320	446,720	336,000	527,360	719,360	2,002,560	494,720	837,120
2 Land in farms.....acres 1959...	210,859	175,952	436,655	208,695	458,323	512,299	116,591	477,920	130,459
3 Drainage projects..... number 1960...	3	1	2	2	2	42	2	1	4
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	62,984	71,239	193,472	41,600	268,768	354,104	192,400	157,795	323,500
6 1950...	61,184	123,955	188,172	41,600	201,728	318,464	604,672	85,555	322,660
7 Area not used for agriculture or not drained..... acres served 1960...	...	16,932	...	...	...	57,600	111,500	...	235,308
8 Net area drained and used for agriculture..... acres served 1960...	62,984	54,307	193,472	41,600	268,768	296,504	80,900	157,795	88,192
9 Drainage established before 1950..... acres served 1960...	62,984	54,307	188,352	41,600	201,728	260,864	79,580	85,555	87,352
10 Area added, 1950-1959..... acres served 1960...	...	...	5,120	...	67,040	35,640	1,320	72,240	840
11 Area served by two or more projects..... acres served 1960...	...	...	40	...	160	40,780	...	...	2,000
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	21	...	...	1
13 acres served ²..	...	...	...	...	...	31,430	...	...	840
14 Cooperative or mutual drains.....number of projects...	2	...	1	1	1	20	1	...	2
15 acres served ² ..	1,800	...	220	1,600	160	38,550	1,320	...	2,000
16 Legally organized public drains..... number of projects...	1	1	1	1	1	1	1	1	1
17 acres served ² ..	61,184	54,307	193,292	40,000	268,768	269,824	79,580	157,795	87,352
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959.....number of projects...	...	...	...	...	1	41	1	...	3
19 acres served ²..	...	...	...	...	160	69,980	1,320	...	2,840
20 Prior to 1950.....number of projects...	3	1	2	2	1	1	1	1	1
21 acres served ² ..	62,984	54,307	193,512	41,600	268,768	269,824	79,580	157,795	87,352
DRAINAGE OPERATIONS, 1950-1959³									
22 Cost of drainage works and services.....projects reporting...	3	...	1	1	2	42	1	1	3
23 dollars...	6,059	...	749,446	495	897,376	381,760	1,100	1,767,752	8,013
24 New drainage works constructed, enlarged, or installed.....projects reporting...	2	...	1	...	2	42	1	1	3
25 dollars...	3,300	...	144,144	...	390,893	155,314	1,100	1,340,958	8,013
26 Open ditches.....projects reporting...	2	...	1	...	2	42	1	1	3
27 length, miles...	3.7	...	13.2	...	38.4	149.4	4.3	103.5	9.3
28 Tile or covered drains.....projects reporting...	...	...	1	...	1	...	...	1	...
29 length, miles...	...	...	18.2	...	9.6	...	...	44.9	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	1	...
31 length, miles...	...	...	...	...	...	...	...	0.3	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	...	1	1	1	1	...	1	...
36 dollars...	2,759	...	605,302	495	506,483	226,446	...	426,794	...

¹Land served by two or more projects counted only once.
²Acres served by two or more projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. --DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Le Sueur	Lincoln	Lyon	McLeod	Mahnomen	Marshall	Martin	Meeker	Mille Lacs
AREA									
1 Approximate land area.....acres 1960...	282,240	345,600	456,320	318,720	367,360	1,152,000	452,480	396,800	363,520
2 Land in farms.....acres 1959...	266,540	329,854	435,247	301,111	220,862	800,186	452,344	366,741	200,131
3 Drainage projects..... number 1960...	1	1	3	4	4	6	2	2	2
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	91,167	58,906	127,601	82,090	50,600	779,036	287,746	64,767	21,504
6 1950...	64,285	58,906	105,711	70,790	44,800	823,450	277,504	56,064	20,864
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	99,256	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	91,167	58,906	127,601	82,090	50,600	679,780	287,746	64,767	21,504
9 Drainage established before 1950..... acres served 1960...	64,285	58,906	105,711	71,650	44,800	663,450	277,504	60,264	20,864
10 Area added, 1950-1959..... acres served 1960...	26,882	...	21,890	10,440	5,800	16,330	10,242	4,503	640
11 Area served by two or more projects..... acres served 1960...	...	...	...	2,660	100	1,420	...	840	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	1	...	...	...
13 acres served ²...	...	...	...	...	...	900	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	2	3	3	4	1	1	1
15 acres served ²...	...	...	4,440	3,520	5,900	4,290	1,660	840	640
16 Legally organized public drains..... number of projects...	1	1	1	1	1	1	1	1	1
17 acres served ² ...	91,167	58,906	123,161	81,230	44,800	676,010	286,086	64,767	20,864
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	...	...	2	...	3	5	...	1	1
19 acres served ²...	...	...	4,440	...	5,900	5,190	...	840	640
20 Prior to 1950..... number of projects...	1	1	1	4	1	1	2	1	1
21 acres served ² ...	91,167	58,906	123,161	84,750	44,800	676,010	287,746	64,767	20,864
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	1	1	3	2	4	6	2	2	2
23 dollars...	442,598	85,172	1,223,540	289,742	25,690	666,296	1,121,211	52,343	7,784
24 New drainage works constructed, enlarged, or installed.....projects reporting...	1	...	3	1	3	6	2	2	(⁴)
25 dollars...	355,224	...	716,785	162,582	11,859	39,628	104,274	38,568	(⁴)
26 Open ditches.....projects reporting...	1	...	3	1	3	6	1	2	(⁴)
27 length, miles...	38.4	...	60.7	16.3	6.8	18.4	12.5	6.9	(⁴)
28 Tyle or covered drains.....projects reporting...	1	...	3	1	...	...	2	...	...
29 length, miles...	9.1	...	47.6	0.7	...	...	17.5	...	...
30 Levees or dikes.....projects reporting...	1	...	...	...	...	...	...	...	...
31 length, miles...	0.1	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	1	2	2	1	1	1	1	(⁴)
36 dollars...	87,374	85,172	506,755	127,160	13,831	626,668	1,016,937	13,775	(⁴)

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.⁴Included in State total only.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Morrison	Mower	Murray	Nicollet	Nobles	Norman	Otter Tail	Pennington	Pine
AREA									
1 Approximate land area.....acres 1960...	727,040	449,920	453,120	293,760	455,680	566,400	1,280,000	398,080	903,680
2 Land in farms.....acres 1959...	516,413	431,685	424,114	270,169	436,042	502,739	1,073,848	303,489	375,289
3 Drainage projects..... number 1960...	1	5	1	2	1	23	2	13	1
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	59,957	27,500	176,718	142,077	109,436	285,331	114,171	341,555	37,274
6 1950...	59,163	17,320	176,718	101,527	108,211	265,139	114,011	336,765	37,274
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	500	...	...	6,960
8 Net area drained and used for agriculture..... acres served 1960...	59,957	27,500	176,718	142,077	109,436	284,831	114,171	341,555	30,314
9 Drainage established before 1950..... acres served 1960...	59,163	17,320	176,718	101,527	108,211	266,649	114,011	336,765	30,314
10 Area added, 1950-1959..... acres served 1960...	794	10,180	...	40,550	1,225	18,182	160	4,790	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	1,000	...	63,260	...	137,552	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	...
13 acres served ²..	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	4	...	1	...	21	1	11	...
15 acres served ²..	...	2,920	...	1,000	...	16,740	1,180	14,772	...
16 Legally organized public drains..... number of projects...	1	1	1	1	1	2	1	2	1
17 acres served ² ..	59,957	24,580	176,718	142,077	109,436	332,041	112,991	467,785	30,314
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959..... number of projects...	...	4	...	1	...	12	1	11	...
19 acres served ²..	...	2,920	...	1,000	...	78,582	1,180	14,772	...
20 Prior to 1950..... number of projects...	1	1	1	1	1	11	1	2	1
21 acres served ² ..	59,957	24,580	176,718	142,077	109,436	270,199	112,991	467,785	30,314
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	1	5	1	2	1	13	2	13	...
23 dollars...	4,672	97,455	256,090	1,787,546	45,916	1,222,508	36,456	1,225,999	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	1	5	...	2	1	12	...	13	...
25 dollars...	4,672	74,146	...	1,168,589	15,174	650,859	...	929,844	...
26 Open ditches.....projects reporting...	1	5	...	2	1	12	...	13	...
27 length, miles...	1.9	13.0	...	210.2	2.0	50.2	...	71.4	...
28 Tile or covered drains.....projects reporting...	...	1	...	2	1	...	...	...	...
29 length, miles...	...	0.3	...	51.9	1.5	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	...	2	1	2	1	1	2	2	...
36 dollars...	...	23,309	256,090	618,957	30,742	571,649	36,456	296,155	...

¹Land served by two or more projects counted only once.

²Acres served by two projects are included for each project. See text.

³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Pipestone	Polk	Pope	Ramsey	Red Lake	Redwood	Renville	Rice	Rock
AREA									
1 Approximate land area.....acres 1960...	296,960	1,287,680	435,840	102,400	276,480	559,360	627,200	316,800	310,400
2 Land in farms.....acres 1959...	292,290	1,158,841	366,812	13,125	221,799	538,168	606,071	295,713	291,589
3 Drainage projects.....number 1960...	1	14	2	1	6	7	1	3	1
4	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹.....acres served 1960...	22,514	756,780	35,532	11,593	152,176	309,350	468,838	33,328	6,760
6	22,514	729,120	35,532	11,343	137,216	229,530	284,134	29,370	6,760
7 Area not used for agriculture or not drained.....acres served 1960...	...	16,560	...	...	...	...	...	...	...
8 Net area drained and used for agriculture.....acres served 1960...	22,514	740,220	35,532	11,593	152,176	309,350	468,838	33,328	6,760
9 Drainage established before 1950.....acres served 1960...	22,514	716,980	35,532	11,343	151,296	221,466	284,134	29,370	6,760
10 Area added, 1950-1959.....acres served 1960...	...	23,240	...	250	880	87,884	184,704	3,958	...
11 Area served by two or more projects.....acres served 1960...	...	90,180	160	...	48,210	200	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner.....number of projects...	...	...	...	...	...	1	...	...	...
13 .....	...	...	...	...	...	1,120	...	...	...
14 Cooperative or mutual drains.....number of projects...	...	11	1	...	4	5	...	2	...
15 .....	...	8,840	160	...	2,880	6,440	...	878	...
16 Legally organized public drains.....number of projects...	1	3	1	1	2	1	1	1	1
17	22,514	821,560	35,532	11,593	198,656	301,990	468,838	32,450	6,760
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959.....number of projects...	...	7	1	...	4	...	...	2	...
19 .....	...	84,720	160	...	2,880	...	...	878	...
20 Prior to 1950.....number of projects...	1	7	1	1	2	7	1	1	1
21	22,514	745,680	35,532	11,593	198,656	309,550	468,838	32,450	6,760
DRAINAGE OPERATIONS, 1950-1959 ²									
22 Cost of drainage works and services.....projects reporting...	1	10	2	1	6	2	1	3	1
23	13,127	1,784,742	6,387	39,162	743,565	4,027,655	4,791,478	193,960	221
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	9	1	1	5	2	1	3	...
25 .....	...	977,023	1,387	1,800	597,611	2,755,391	2,654,491	107,030	...
26 Open ditches.....projects reporting...	...	9	1	...	5	2	1	3	...
27 .....	...	37.2	0.8	...	20.7	178.0	247.1	13.4	...
28 Tile or covered drains.....projects reporting...	...	...	...	1	...	2	1	3	...
29 .....	...	...	...	0.4	...	124.0	128.9	10.7	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31 .....	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	2	...	...	...
33 .....	...	...	...	...	...	2	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	3	1	1	2	1	1	1	1
36	13,127	807,719	5,000	37,362	145,954	1,272,264	2,136,987	86,930	221

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. --DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Roseau	St. Louis	Scott	Sherburne	Sibley	Stearns	Steele	Stevens	Swift	Todd
AREA										
1 Approximate land area..... acres 1960...	1,072,640	4,019,840	225,280	280,320	371,840	867,840	272,000	364,800	478,080	606,080
2 Land in farms..... acres 1959...	544,544	306,612	203,574	199,741	361,317	788,398	265,040	349,687	443,703	510,033
3 Drainage projects..... number 1960...	5	2	1	1	7	1	18	3	2	1
4 1950...	1	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	625,414	227,034	15,452	68,506	252,320	74,240	75,715	69,268	193,980	157,601
6 1950...	680,704	231,834	10,554	68,506	118,016	74,240	48,154	64,768	121,754	157,601
7 Area not used for agriculture or not drained..... acres served 1960...	225,926	98,000	...	...	...	...	...	...	800	...
8 Net area drained and used for agriculture..... acres served 1960...	399,488	129,034	15,452	68,506	252,320	74,240	75,715	69,268	193,180	157,601
9 Drainage established before 1950..... acres served 1960...	365,558	129,034	10,554	68,506	118,016	74,240	47,954	69,268	121,514	157,601
10 Area added, 1950-1959..... acres served 1960...	33,930	...	4,898	...	134,304	...	27,761	...	71,666	...
11 Area served by two or more projects..... acres served 1960...	4,130	...	...	...	1,760	...	730	...	760	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	...	...
13 acres served ²..	...	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	2	...	...	...	6	...	17	2	1	...
15 acres served ² ..	2,300	...	...	...	5,700	...	19,161	4,500	760	...
16 Legally organized public drains..... number of projects...	3	2	1	1	1	1	1	1	1	1
17 acres served ² ..	401,318	129,034	15,452	68,506	248,380	74,240	57,284	64,768	193,180	157,601
PROJECTS, 1960, BY YEAR STARTED										
18 1950-1959..... number of projects...	4	...	...	...	...	...	11	...	1	...
19 acres served ² ..	7,340	...	...	...	...	...	13,171	...	760	...
20 Prior to 1950..... number of projects...	1	2	1	1	7	1	7	3	1	1
21 acres served ² ..	396,278	129,034	15,452	68,506	254,080	74,240	63,274	69,268	193,180	157,601
DRAINAGE OPERATIONS, 1950-1959 ³										
22 Cost of drainage works and services..... projects reporting...	5	2	1	1	2	1	15	2	2	...
23 dollars...	525,896	151,717	59,561	47,485	3,384,540	5,960	519,437	80,368	1,582,981	...
24 New drainage works constructed, enlarged, or installed..... projects reporting...	5	...	1	...	1	...	12	...	2	...
25 dollars...	86,436	...	59,561	...	2,444,851	...	320,737	...	1,505,486	...
26 Open ditches..... projects reporting...	5	...	1	...	1	...	12	...	2	...
27 length, miles...	24.0	...	4.2	...	246.8	...	32.6	...	73.8	...
28 Tile or covered drains..... projects reporting...	...	...	...	...	1	...	2	...	...	...
29 length, miles...	...	...	...	...	60.7	...	26.6	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	1	2	...	1	2	1	7	2	1	...
36 dollars...	439,460	151,717	...	47,485	939,689	5,960	198,700	80,368	77,495	...

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Traverse	Wabasha	Wadena	Waseca	Washing- ton	Watsonwan	Wilkin	Winona	Wright	Yellow Medicine
AREA										
1 Approximate land area..... acres 1960...	366,080	333,440	343,040	265,600	249,600	277,120	481,280	398,720	429,440	485,120
2 Land in farms..... acres 1959...	346,685	305,343	222,723	262,595	195,107	269,140	444,149	343,883	395,944	470,757
3 Drainage projects..... number 1960...	2	1	2	5	1	1	18	1	1	1
4	1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	169,434	9,240	85,714	62,448	18,520	63,253	266,868	1,260	42,598	158,571
6	1950...	155,414	9,240	85,184	38,600	63,053	254,618	1,260	42,598	105,907
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	800	...	...	1,840	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	169,434	9,240	85,714	61,648	18,520	63,253	265,028	1,260	42,598	158,571
9 Drainage established before 1950..... acres served 1960...	155,414	9,240	85,184	37,800	18,520	63,053	254,888	1,260	42,598	105,907
10 Area added, 1950-1959..... acres served 1960...	14,020	...	530	23,848	...	200	10,140	...	...	52,664
11 Area served by two or more projects..... acres served 1960...	640	...	20	...	...	...	11,800	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	...	...
13	acres served ²..	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	1	...	1	4	...	...	16	...	...	...
15	acres served ² ..	1,720	...	550	2,888	...	24,800	...	...	...
16 Legally organized public drains..... number of projects...	1	1	1	1	1	1	2	1	1	1
17	acres served ² ..	168,354	9,240	85,184	58,760	18,520	63,253	253,418	1,260	42,598
PROJECTS, 1960, BY YEAR STARTED										
18 1950-1959..... number of projects...	1	...	1	4	...	...	11	...	...	...
19	acres served ² ..	1,720	...	550	2,888	...	18,740	...	...	...
20 Prior to 1950..... number of projects...	1	1	1	1	1	1	7	1	1	1
21	acres served ² ..	168,354	9,240	85,184	58,760	18,520	259,478	1,260	42,598	158,571
DRAINAGE OPERATIONS, 1950-1959 ³										
22 Cost of drainage works and services..... projects reporting...	2	...	2	4	...	1	13	1	1	1
23	dollars...	479,385	...	9,481	661,262	...	185,491	357,861	164	27,805
24 New drainage works constructed, enlarged, of installed..... projects reporting...	2	...	(⁴)	4	...	1	12	...	...	1
25	dollars...	393,101	...	(⁴)	610,826	...	157,447	148,602	...	1,343,493
26 Open ditches..... projects reporting...	2	...	(⁴)	4	...	1	12	...	...	1
27	length, miles...	30.3	...	(⁴)	22.7	...	10.3	37.6	...	109.0
28 Tile or covered drains..... projects reporting...	...	...	...	4	...	...	...	...	...	1
29	length, miles...	...	...	49.9	...	...	...	...	...	145.0
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...	...	...
31	length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...	...
33	number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	1	...	(⁴)	1	...	1	3	1	1	1
36	dollars...	86,284	...	(⁴)	50,436	...	28,044	209,259	164	27,805

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.⁴Included in State total only.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	30,222,720	30,238,720	30,348,800	29,671,680	29,671,680
Land in farms..... acres...	18,630,263	20,710,770	19,156,058	17,332,195	18,196,979
Drainage projects..... number...	590	441	271	NA	NA
Total area in drainage projects..... acres served...	3,123,227	3,023,744	2,890,618	2,988,496	1,601,444
Area not used for agriculture or not drained..... acres served...	82,620	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	3,040,607	NA	¹ 2,182,729	¹ 2,092,899	NA
Drainage established 10 years or more before Census date..... acres served...	2,791,239	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	249,368	NA	NA	NA	NA
Area served by two or more projects..... acres served...	294,417	288,315	236,252	171,448	3,040
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	121	65	NA	NA	NA
..... acres served...	155,650	111,253	50,155	27,400	56,750
Cooperative or mutual drains..... number of projects...	230	127	...	...	...
..... acres served...	292,531	140,006	...	...	...
Legally organized public drains..... number of projects...	239	249	NA	NA	NA
..... acres served...	2,906,319	2,772,485	2,840,463	2,961,096	1,544,694
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	393	263	NA	NA	NA
..... acres served...	2,919,182	2,760,499	2,843,135	1,874,866	259,892
Started within 10 years of Census date..... number of projects...	197	178	NA	NA	NA
..... acres served...	435,318	263,245	47,483	1,113,630	1,341,552
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	374	345	NA	NA	NA
..... dollars...	9,557,061	5,702,914	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	223	² 156	NA	NA	NA
..... cost, dollars...	3,855,591	² 441,404	NA	NA	NA
Open ditches..... projects reporting...	222	156	NA	NA	NA
..... length, miles...	566.6	372	NA	NA	NA
Tile or covered drains..... projects reporting...	...	...	NA	NA	NA
..... length, miles...	...	...	NA	NA	NA
Levees or dikes..... projects reporting...	3	...	NA	NA	NA
..... length, miles...	3.3	...	NA	NA	NA
Pumps..... projects reporting...	1	NA	NA	NA	NA
..... number of pumps...	3	NA	NA	NA	NA
Other (see text)..... projects reporting...	4	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	206	NA	NA	NA	NA
..... dollars...	5,701,470	5,261,510	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	23,259,677	23,601,443	7,076,164
Physical works:					
Open ditches..... length, miles...	NA	NA	4,344.1	4,022.1	1,815.1
Tile drains..... length, miles...	NA	NA	34.1	43.5	238.8
Levees and dikes..... length, miles...	NA	NA	190.5	227.7	6.7
Pumping units..... number of units...	NA	...	NA	5	NA

NA Not available.

¹Not fully comparable. See text.²Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	590	3,354,500	608,310	487	3,102,093	137	252,407
2	500 to 999 acres.....	222	149,764	45,973	165	109,478	70	40,286
3	1,000 to 1,999 acres.....	122	161,464	40,059	93	122,576	34	38,888
4	2,000 to 4,999 acres.....	114	346,550	53,251	101	292,260	25	54,290
5	5,000 to 9,999 acres.....	53	361,648	69,967	50	334,835	6	26,813
6	10,000 to 19,999 acres.....	41	582,586	120,700	41	582,586	...	...
7	20,000 to 49,999 acres.....	25	710,266	111,632	25	704,136	1	6,130
8	50,000 to 99,999 acres.....	12	898,322	160,248	11	812,322	1	86,000
9	100,000 or more acres.....	1	143,900	6,480	1	143,900	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	590	3,354,500	608,310	487	3,102,093	137	252,407
2	Drains owned by one landowner.....	121	155,650	33,656	78	111,694	52	43,956
3	Cooperative or mutual drains.....	230	292,531	80,671	174	194,452	77	98,079
4	Legally organized public drains.....	239	2,906,319	493,983	235	2,795,947	8	110,372

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	590	3,354,500	608,310	487	3,102,093	137	252,407
2	1950-1959.....	197	435,318	138,188	94	195,039	125	240,279
3	Prior to 1950.....	393	2,919,182	470,122	393	2,907,054	12	12,128

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
374	9,557,061	223	3,855,591	222	566.6	...	...	3	3.3	1	3	4	1
131	298,643	117	248,558	117	151.2	...	...	1	1.0	...	...	1	2
78	251,548	55	186,807	55	106.3	...	...	1	1.5	1	3	...	3
65	698,423	27	231,262	27	96.7	...	...	...	...	...	...	2	4
34	709,637	7	104,020	7	37.0	...	...	...	...	...	...	...	5
33	1,915,198	6	1,006,498	5	36.0	...	...	1	0.8	...	...	1	6
20	2,368,179	7	777,250	7	71.4	...	...	...	...	...	...	...	7
12	2,844,698	4	1,301,196	4	68.0	...	...	...	...	...	...	...	8
1	470,735	...	...	...	...	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
374	9,557,061	223	3,855,591	222	566.6	...	...	3	3.3	1	3	4	1
102	504,483	77	224,924	77	123.4	...	...	2	2.5	1	3	1	2
134	436,062	121	412,827	121	225.8	...	...	...	...	...	...	1	3
138	8,616,516	25	3,217,840	24	217.4	...	...	1	0.8	...	...	2	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
374	9,557,061	223	3,855,591	222	566.6	...	...	3	3.3	1	3	4	1
197	3,989,985	179	3,344,481	179	436.2	...	...	1	1.5	1	3	2	2
177	5,567,076	44	511,110	43	130.4	...	...	2	1.8	...	...	2	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Adams	Alcorn	Attala	Benton	Bolivar	Calhoun	Carroll	Chickasaw
AREA									
1 Approximate land area.....acres 1960...	30,222,720	286,720	259,200	463,360	263,680	586,880	378,880	408,320	323,840
2 Land in farms.....acres 1959...	18,630,263	160,610	178,810	271,995	143,131	468,180	242,010	279,345	242,520
3 Drainage projects..... number 1960...	590	2	18	1	1	32	55	16	13
4	1950...	441	1	28	5	3	26	36	12
5 Total area in drainage projects ¹ acres served 1960...	3,123,227	700	50,062	1,000	6,881	375,740	96,338	36,884	31,090
6	1950...	3,023,744	15,413	75,912	16,319	9,722	356,201	79,173	27,852
7 Area not used for agriculture or not drained..... acres served 1960...	82,620	...	2,300	...	4,040	1,500	...	...	1,150
8 Net area drained and used for agriculture..... acres served 1960...	3,040,607	700	47,762	1,000	2,841	374,240	96,338	36,884	29,940
9 Drainage established before 1950..... acres served 1960...	2,791,239	600	47,762	1,000	2,841	371,800	84,478	36,884	29,740
10 Area added, 1950-1959..... acres served 1960...	249,368	100	...	...	...	2,440	11,860	...	200
11 Area served by two or more projects..... acres served 1960...	294,417	...	...	...	...	91,845	9,520	3,230	1,005
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	121	2	5	...	...	1	3	3	...
13	acres served ² ..	155,650	700	12,875	...	1,000	1,650	1,895	...
14 Cooperative or mutual drains..... number of projects...	230	...	4	1	...	3	45	8	2
15	acres served ² ..	292,531	...	10,000	1,000	...	3,040	46,460	1,305
16 Legally organized public drains..... number of projects...	239	...	9	...	1	28	7	5	11
17	acres served ² ..	2,906,319	...	24,887	...	2,841	469,485	57,848	29,640
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	197	2	...	...	...	5	19	2	1
19	acres served ² ..	435,318	700	...	...	4,540	26,088	1,680	720
20 Prior to 1950..... number of projects...	393	...	18	1	1	27	36	14	12
21	acres served ² ..	2,919,182	...	47,762	1,000	2,841	468,985	79,870	30,225
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services..... projects reporting...	374	2	11	...	...	29	22	8	2
23	dollars...	9,557,061	1,980	106,400	...	549,964	96,345	58,081	12,725
24 New drainage works constructed, enlarged, or installed..... projects reporting...	223	2	...	...	...	5	18	3	1
25	dollars...	3,855,591	1,980	...	...	20,366	19,373	25,315	2,725
26 Open ditches..... projects reporting...	222	2	...	...	...	5	18	3	1
27	length, miles...	566.6	1.5	...	...	7.1	17.9	3.7	2.5
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...	...
29	length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	3	...	...	...	...	1	...	1	...
31	length, miles...	3.3	...	...	...	1.5	...	0.5	...
32 Pumps..... projects reporting...	1	...	...	...	...	1	...	...	...
33	number of pumps...	3	...	...	...	3	...	...	...
34 Other (see text)..... projects reporting...	4	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	206	...	11	...	...	24	5	6	1
36	dollars...	5,701,470	...	106,400	...	529,598	76,972	32,766	10,000

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	Choctaw	Clay	Coahoma	De Soto	Grenada	Hancock	Harrison	Holmes	Humphreys
AREA									
1 Approximate land area.....acres 1960...	266,880	264,960	364,800	283,520	277,120	310,400	374,400	488,960	262,400
2 Land in farms.....acres 1959...	148,571	197,476	323,464	271,044	174,408	60,350	73,695	396,704	216,496
3 Drainage projects..... number 1960...	5	11	47	7	2	1	1	11	17
4 1960...	11	11	48	6	10	1	1	3	6
5 Total area in drainage projects ¹ acres served 1960...	10,864	40,482	197,518	52,464	10,320	875	12,200	17,073	194,255
6 1960...	19,503	40,312	184,281	44,014	19,279	875	12,200	86,256	179,845
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	2,770	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	10,864	40,482	194,748	52,464	10,320	875	12,200	17,073	194,255
9 Drainage established before 1960..... acres served 1960...	10,864	40,332	189,553	44,014	10,320	875	12,200	12,403	191,315
10 Area added, 1960-1959..... acres served 1960...	...	150	5,195	8,450	...	...	...	4,670	2,940
11 Area served by two or more projects..... acres served 1960...	...	620	27,326	950	...	...	...	650	17,104
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	2	28	...	...	1	...	7	4
13 acres served ²..	...	2,320	65,538	...	...	875	...	4,640	3,587
14 Cooperative or mutual drains..... number of projects...	...	3	3	3	1	...	...	1	6
15 acres served ²..	...	4,673	3,850	2,100	4,944	...	...	750	6,812
16 Legally organized public drains..... number of projects...	5	6	16	4	1	...	1	3	7
17 acres served ² ..	10,864	34,109	152,776	51,314	5,376	...	12,200	12,333	202,665
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959..... number of projects...	...	...	5	4	...	...	...	8	11
19 acres served ²..	...	...	5,520	17,372	...	...	...	5,320	17,699
20 Prior to 1960..... number of projects...	5	11	42	3	2	1	1	3	6
21 acres served ² ..	10,864	41,102	216,644	36,042	10,320	875	12,200	12,403	195,365
DRAINAGE OPERATIONS, 1950-1959³									
22 Cost of drainage works and services.....projects reporting...	...	3	36	5	1	...	...	9	15
23 dollars...	...	5,500	503,677	200,101	11,042	...	...	27,133	619,290
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	2	14	4	1	...	...	8	13
25 dollars...	...	2,700	59,279	27,343	9,133	...	...	20,494	254,045
26 Open ditches.....projects reporting...	...	2	13	4	1	...	...	8	13
27 length, miles...	...	8.0	29.2	9.9	0.3	...	...	9.4	31.4
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	1	...	...	...	...
31 length, miles...	...	...	...	...	0.3	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	1	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	...	2	33	3	1	...	...	1	3
36 dollars...	...	2,800	444,398	172,758	1,909	...	...	6,639	365,245

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Issaquena	Itawamba	Jefferson	Lafayette	Leake	Lee	Leflore	Madison	Marion
AREA									
1 Approximate land area.....acres 1960...	265,600	346,240	332,800	387,840	375,040	291,200	376,320	480,640	352,000
2 Land in farms.....acres 1959...	113,337	181,891	205,243	254,277	221,164	212,117	334,196	348,355	217,746
3 Drainage projects..... number 1960...	2	11	1	2	2	18	33	1	2
4 1950...	1	8	...	2	3	17	11	1	....
5 Total area in drainage projects ¹ acres served 1960...	79,500	32,111	1,000	6,610	6,202	47,891	103,765	2,225	1,470
6 1950...	15,500	25,111	...	11,099	8,962	49,017	81,086	2,080	...
7 Area not used for agriculture or not drained..... acres served 1960...	1,320	3,600	...	2,500	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	78,180	28,511	1,000	4,110	6,202	47,891	103,765	2,225	1,470
9 Drainage established before 1950..... acres served 1960...	14,180	26,511	...	4,110	6,202	47,891	79,185	2,080	...
10 Area added, 1950-1959..... acres served 1960...	64,000	2,000	1,000	...	...	...	24,580	145	1,470
11 Area served by two or more projects..... acres served 1960...	...	1,046	...	...	...	3,381	7,516	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	1	...	...	1	11	...	1
13 acres served ²..	...	...	1,000	...	...	320	8,891	...	620
14 Cooperative or mutual drains..... number of projects...	...	2	...	...	...	1	12	1	1
15 acres served ²..	...	7,000	...	...	...	1,000	18,755	2,225	850
16 Legally organized public drains..... number of projects...	2	9	...	2	2	16	10	...	...
17 acres served ² ..	78,180	22,557	...	4,110	6,202	49,952	83,635	...	...
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	1	2	1	...	...	1	23	...	2
19 acres served ² ..	64,000	2,266	1,000	...	...	1,000	27,646	...	1,470
20 Prior to 1950..... number of projects...	1	9	...	2	2	17	10	1	...
21 acres served ² ..	14,180	27,291	...	4,110	6,202	50,272	83,635	2,225	...
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	2	4	1	...	1	6	33	1	2
23 dollars...	659,728	36,284	3,961	...	3,000	71,100	228,985	3,235	2,514
24 New drainage works constructed, enlarged, or installed.....projects reporting...	2	2	1	...	...	2	14	1	2
25 dollars...	635,696	32,500	3,961	...	...	3,200	47,455	3,235	2,514
26 Open ditches.....projects reporting...	2	2	1	...	...	2	14	1	2
27 length, miles...	22.2	8.7	3.0	...	...	2.0	19.6	2.5	1.7
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	1	...	...	...	1	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	2	...	...	1	4	19	...	...
36 dollars...	24,032	3,784	...	...	3,000	67,900	181,530	...	...

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Marshall	Monroe	Montgomery	Newton	Noxubee	Oktibbeha	Panola	Pearl River	Pontotoc
AREA									
1 Approximate land area..... acres 1960...	443,520	492,160	257,920	371,200	444,800	290,560	438,400	529,920	320,640
2 Land in farms..... acres 1959...	336,147	320,027	182,875	218,195	387,402	215,641	374,614	203,122	237,023
3 Drainage projects..... number 1960...	1	9	8	4	7	2	30	2	10
4	4	7	8	4	...	2	27	...	12
5 Total area in drainage projects ¹ acres served 1960...	19,038	11,429	7,556	14,363	5,932	14,350	111,973	1,960	23,116
6	19,038	10,429	13,726	14,363	...	14,350	111,889	...	20,381
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	1,000	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	19,038	11,429	7,556	13,363	5,932	14,350	111,973	1,960	23,116
9 Drainage established before 1950..... acres served 1960...	19,038	10,429	7,006	13,363	...	14,350	105,943	...	20,581
10 Area added, 1950-1959..... acres served 1960...	...	1,000	550	...	5,932	...	6,030	1,960	2,535
11 Area served by two or more projects..... acres served 1960...	...	960	...	...	...	100	19,330	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	1	...	...	5	...	6	...	...
13 .....	...	500	...	...	3,652	...	4,200	...	...
14 Cooperative or mutual drains..... number of projects...	...	1	7	1	2	...	12	2	3
15 .....	...	500	5,850	860	2,280	...	12,609	1,960	2,000
16 Legally organized public drains..... number of projects...	1	7	1	3	...	2	12	...	7
17	19,038	11,389	1,706	12,503	...	14,450	116,844	...	21,116
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959..... number of projects...	1	2	1	...	7	...	4	2	1
19	19,038	1,000	550	...	5,932	...	7,350	1,960	7,000
20 Prior to 1950..... number of projects...	...	7	7	4	...	2	26	...	9
21 .....	...	11,389	7,006	13,363	...	14,450	126,303	...	16,116
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services..... projects reporting...	1	3	1	3	7	1	20	2	2
23	80,850	20,400	4,125	15,750	8,697	1,132	127,659	2,767	165,263
24 New drainage works constructed, enlarged, or installed..... projects reporting...	...	2	1	...	7	...	14	2	1
25 .....	...	2,600	4,125	...	8,197	...	29,525	2,767	20,020
26 Open ditches..... projects reporting...	...	2	1	...	7	...	14	2	1
27 .....	...	2.1	2.7	...	5.9	...	13.3	4.2	17.0
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...	...
29 .....	...	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...	...
31 .....	...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...
33 .....	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	1	1	...	3	2	1	6	...	2
36	80,850	17,800	...	15,750	500	1,132	98,134	...	145,243

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Prentiss	Quitman	Scott	Sharkey	Sunflower	Tallahatchie	Tate	Tippah	Tishomingo
AREA									
1 Approximate land area.....acres 1960...	267,520	263,680	393,600	279,040	¹ 443,520	412,160	245,120	296,960	288,640
2 Land in farms.....acres 1959...	191,386	234,363	217,353	144,240	¹ 449,994	336,764	225,315	210,509	130,451
3 Drainage projects..... number 1960...	18	34	1	9	60	22	9	14	3
4 1950...	17	18	2	5	49	14	9	14	3
5 Total area in drainage projects ² acres served 1960...	27,528	187,430	3,260	112,246	172,249	200,346	49,807	23,048	4,456
6 1950...	27,574	185,430	10,619	101,586	164,011	190,098	49,707	21,901	4,456
7 Area not used for agriculture or not drained..... acres served 1960...	1,300	...	...	10,100	...	7,800	...	1,800	...
8 Net area drained and used for agriculture..... acres served 1960...	26,228	187,430	3,260	102,146	172,249	192,546	49,807	21,248	4,456
9 Drainage established before 1950..... acres served 1960...	26,228	185,430	3,260	91,486	160,481	188,418	49,707	19,904	4,456
10 Area added, 1950-1959..... acres served 1960...	...	2,000	...	10,660	11,768	4,128	100	1,344	...
11 Area served by two or more projects..... acres served 1960...	1,386	37,320	...	7,600	11,887	7,968	1,260	...	180
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	1	1	...	...	6	4	...	...	...
13 acres served ³ ...	320	254	...	...	4,480	6,903	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	14	...	2	37	8	3	...	...
15 acres served ³...	...	13,700	...	760	37,443	7,778	2,180	...	...
16 Legally organized public drains..... number of projects...	17	19	1	7	17	10	6	14	3
17 acres served ³ ...	27,294	213,927	3,260	108,986	142,213	185,833	48,887	21,248	4,636
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	1	16	...	4	11	9	1	1	...
19 acres served ³ ...	1,046	42,680	...	18,260	21,060	12,696	1,360	1,344	...
20 Prior to 1950..... number of projects...	17	18	1	5	49	13	8	13	3
21 acres served ³ ...	26,568	185,201	3,260	91,486	163,076	187,818	49,707	19,904	4,636
DRAINAGE OPERATIONS, 1950-1959 ⁴									
22 Cost of drainage works and services..... projects reporting...	14	28	1	8	25	17	6	5	2
23 dollars...	49,072	814,755	1,150	566,527	310,950	323,034	91,550	79,923	7,250
24 New drainage works constructed, enlarged, or installed..... projects reporting...	2	16	...	4	11	10	...	...	...
25 dollars...	15,100	638,361	...	440,396	77,442	80,968	...	...	...
26 Open ditches..... projects reporting...	2	16	...	4	11	10	...	...	...
27 length, miles...	5.0	58.1	...	17.4	24.9	24.6	...	...	...
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	1	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	12	12	1	4	14	8	6	5	2
36 dollars...	33,972	176,394	1,150	126,131	233,508	242,066	91,550	79,923	7,250

¹The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Tunica	Union	Warren	Washington	Webster	Winston	Yalobusha	Yazoo	All other counties ¹
AREA									
1 Approximate land area.....acres 1960...	293,120	270,080	362,240	465,920	266,240	387,840	315,520	600,320	1,159,040
2 Land in farms.....acres 1959...	208,984	183,900	221,347	377,815	165,974	219,507	193,187	422,092	615,039
3 Drainage projects..... number 1960...	25	11	2	15	14	3	3	48	...
4 1950...	9	1	2	7	10	3	5	9	8
5 Total area in drainage projects ² acres served 1960...	130,941	41,202	1,300	375,009	16,322	17,067	4,794	130,985	...
6 1950...	102,345	835	1,300	369,361	14,933	17,067	16,821	103,445	45,432
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	9,960	...	...	...	31,480	...
8 Net area drained and used for agriculture..... acres served 1960...	130,941	41,202	1,300	365,049	16,322	17,067	4,794	99,505	...
9 Drainage established before 1950..... acres served 1960...	102,185	38,797	1,300	351,009	13,642	17,067	4,794	75,225	...
10 Area added, 1950-1959..... acres served 1960...	28,756	2,405	...	14,040	2,680	...	...	24,280	...
11 Area served by two or more projects..... acres served 1960...	3,914	500	...	9,350	600	...	...	27,869	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	1	...	...	1	3	...	...	26	...
13 acres served ³ ...	500	...	...	750	1,560	...	...	26,620	...
14 Cooperative or mutual drains..... number of projects...	18	...	2	7	6	1	...	15	...
15 acres served ³ ...	48,197	...	1,300	11,890	4,320	1,200	...	13,540	...
16 Legally organized public drains..... number of projects...	6	11	...	7	5	2	3	7	...
17 acres served ³ ...	86,158	41,702	...	361,759	11,042	15,867	4,794	91,874	...
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959..... number of projects...	16	2	...	8	5	...	...	37	...
19 acres served ³ ...	42,237	3,574	...	23,390	2,680	...	...	45,140	...
20 Prior to 1960..... number of projects...	9	9	2	7	9	3	3	11	...
21 acres served ³ ...	92,618	38,128	1,300	351,009	14,242	17,067	4,794	86,894	...
DRAINAGE OPERATIONS, 1950-1959 ⁴									
22 Cost of drainage works and services.....projects reporting...	21	4	...	14	5	...	1	48	...
23 dollars...	87,886	825,217	...	1,942,747	6,958	...	1,650	820,704	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	14	2	...	8	5	...	...	45	...
25 dollars...	56,274	41,000	...	563,553	6,958	...	...	696,991	...
26 Open ditches.....projects reporting...	14	2	...	8	5	...	...	45	...
27 length, miles...	29.9	6.5	...	51.2	3.3	...	...	119.9	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	1	...
31 length, miles...	...	...	...	...	...	...	...	1.0	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	9	4	...	8	...	...	1	32	...
36 dollars...	31,612	784,217	...	1,379,194	...	...	1,650	123,713	...

¹Includes Franklin, Neshoba, and Wilkinson counties.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area.....acres...	44,248,320	44,304,640	44,332,800	43,985,280	43,985,280
Land in farms.....acres...	33,155,226	35,123,143	34,739,598	33,743,019	34,774,679
Drainage projects.....number...	425	318	286	NA	NA
Total area in drainage projects.....acres served...	3,123,416	3,147,484	3,087,063	3,150,022	2,596,204
Area not used for agriculture or not drained.....acres served...	26,100	NA	NA	NA	NA
Net area drained and used for agriculture.....acres served...	3,097,316	NA	¹ 2,673,169	¹ 2,427,599	NA
Drainage established 10 years or more before Census date.....acres served...	3,059,174	NA	NA	NA	NA
Drainage established within 10 years of Census date.....acres served...	38,142	NA	NA	NA	NA
Area served by two or more projects.....acres served...	517,507	671,651	1,347,916	961,548	508,685
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner.....number of projects...	55	1	NA	NA	NA
acres served...	42,154	4,250	5,600	9,955	9,896
Cooperative or mutual drains.....number of projects...	56	2	...	...	...
acres served...	57,739	5,290	...	...	...
Legally organized public drains.....number of projects...	314	315	NA	NA	NA
acres served...	3,570,736	3,137,944	3,081,463	3,140,067	2,586,308
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date.....number of projects...	314	304	NA	NA	NA
acres served...	3,502,665	3,101,104	3,025,591	2,676,021	² 1,723,317
Started within 10 years of Census date.....number of projects...	111	14	NA	NA	NA
acres served...	167,964	46,380	61,472	474,001	² 866,151
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services.....projects reporting...	302	225	NA	NA	NA
dollars...	12,138,381	8,281,620	NA	NA	NA
New drainage works constructed, enlarged, or installed.....projects reporting...	117	³ 9	NA	NA	NA
cost, dollars...	936,412	³ 114,063	NA	NA	NA
Open ditches.....projects reporting...	113	8	NA	NA	NA
length, miles...	296.7	30	NA	NA	NA
Tile or covered drains.....projects reporting...	36	...	NA	NA	NA
length, miles...	8.5	...	NA	NA	NA
Levees or dikes.....projects reporting...	13	4	NA	NA	NA
length, miles...	42.6	17	NA	NA	NA
Pumps.....projects reporting...	3	NA	NA	NA	NA
number of pumps...	5	NA	NA	NA	NA
Other (see text).....projects reporting...	8	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration.....projects reporting...	224	NA	NA	NA	NA
dollars...	11,201,969	8,167,557	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment.....dollars...	NA	NA	49,050,414	47,340,174	20,723,128
Physical works:					
Open ditches.....length, miles...	NA	NA	5,191.5	4,960.5	3,438.7
Tile drains.....length, miles...	NA	NA	170.3	123.4	38.8
Levees and dikes.....length, miles...	NA	NA	687.1	931.4	456.9
Pumping units.....number of units...	NA	16	16	16	14

NA Not available.

¹Not fully comparable. See text.

²1920 figures exclude 6,736 acres for which date of organization was not reported.

³Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	425	3,670,629	1,090,820	402	3,624,790	36	45,839
2 500 to 999 acres.....	99	65,228	41,329	91	59,856	12	5,372
3 1,000 to 1,999 acres.....	85	118,155	36,513	74	102,757	15	15,398
4 2,000 to 4,999 acres.....	108	331,669	87,416	105	322,232	4	9,437
5 5,000 to 9,999 acres.....	50	345,052	46,421	49	338,071	2	6,981
6 10,000 to 19,999 acres.....	43	603,643	165,130	43	600,939	2	2,704
7 20,000 to 49,999 acres.....	29	847,008	300,235	29	847,008	...	...
8 50,000 to 99,999 acres.....	8	527,879	166,323	8	521,932	1	5,947
9 100,000 or more acres.....	3	831,995	247,453	3	831,995	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	425	3,670,629	1,090,820	402	3,624,790	36	45,839
2 Drains owned by one landowner.....	55	42,154	33,504	48	35,864	8	6,290
3 Cooperative or mutual drains.....	56	57,739	37,292	45	44,434	19	13,305
4 Legally organized public drains.....	314	3,570,736	1,020,024	309	3,544,492	9	26,244

State Table 4.—DRAINAGE PROJECTS, 1960,

Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	425	3,670,629	1,090,820	402	3,624,790	36	45,839
2 1950-1959.....	111	167,964	129,510	88	126,679	32	41,285
3 Prior to 1950.....	314	3,502,665	961,310	314	3,498,111	4	4,554

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
302	12,138,381	117	936,412	113	296.7	36	8.5	13	42.6	3	5	8	1
79	266,622	69	224,347	69	147.7	24	2.4	3	7.2	...	...	...	2
55	384,468	27	184,131	27	86.1	9	5.8	4	14.7	1	2	3	3
71	1,038,074	11	134,933	10	38.2	2	0.2	4	6.8	...	...	2	4
29	708,351	7	167,875	5	16.0	1	0.1	2	13.9	...	...	2	5
31	1,438,395	2	25,126	1	1.2	...	...	...	...	1	2	...	6
27	2,248,600	...	...	...	...	...	...	...	...	...	...	...	7
7	1,672,515	1	200,000	1	7.5	...	...	...	...	1	1	1	8
3	4,381,356	...	...	...	...	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
302	12,138,381	117	936,412	113	296.7	36	8.5	13	42.6	3	5	8	1
55	249,713	52	205,748	52	150.9	16	6.5	3	7.2	...	...	1	2
55	279,271	48	211,849	48	101.0	20	2.0	3	10.6	1	2	1	3
192	11,609,397	17	518,815	13	44.8	...	...	7	24.8	2	3	6	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
302	12,138,381	117	936,412	113	296.7	36	8.5	13	42.6	3	5	8	1
111	1,113,511	105	823,778	105	271.3	36	8.5	9	31.2	2	3	5	2
191	11,024,870	12	112,634	8	25.4	...	...	4	11.4	1	2	3	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	The State	Adair	Andrew	Atchison	Bates	Bollinger	Boone	Buchanan	Butler	Caldwell
AREA										
1 Approximate land area.....acres 1960...	44,248,320	367,360	278,400	351,360	538,240	395,520	437,120	258,560	456,960	275,200
2 Land in farms.....acres 1959...	33,155,226	323,702	257,607	318,812	480,928	253,254	349,579	213,482	258,621	258,010
3 Drainage projects..... number 1960...	425	5	12	23	2	1	1	3	5	2
4 1950...	318	4	12	19	2	1	1	4	6	2
5 Total area in drainage projects ¹ acres served 1960...	3,123,416	20,414	26,403	80,802	48,933	27,820	519	25,767	238,471	3,462
6 1950...	3,147,484	12,065	32,143	71,355	48,933	35,219	519	15,992	238,471	3,462
7 Area not used for agriculture or not drained..... acres served 1960...	26,100	...	...	...	...	5,500	...	...	900	...
8 Net area drained and used for agriculture..... acres served 1960...	3,097,316	20,414	26,403	80,802	48,933	22,320	519	25,767	237,571	3,462
9 Drainage established before 1950..... acres served 1960...	3,059,174	20,414	25,203	74,855	48,933	22,320	519	25,767	237,571	3,462
10 Area added, 1950-1959..... acres served 1960...	38,142	...	1,200	5,947	...	...	...	...	...	...
11 Area served by two or more projects..... acres served 1960...	517,507	...	400	57,499	...	...	...	...	2,160	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner..... number of projects...	55	...	1	...	...	...	...	...	...	...
13 acres served ² ...	42,154	...	600	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	56	...	1	...	...	...	...	...	...	...
15 acres served ² ...	57,739	...	1,000	...	...	...	...	...	...	...
16 Legally organized public drains..... number of projects...	314	5	10	23	2	1	1	3	5	2
17 acres served ² ...	3,570,736	20,414	25,203	139,201	48,933	22,320	519	25,767	239,731	3,462
PROJECTS, 1960, BY YEAR STARTED										
18 1960-1959..... number of projects...	111	...	2	3	...	...	...	...	...	...
19 acres served ² ...	167,964	...	1,600	59,214	...	...	...	...	...	...
20 Prior to 1950..... number of projects...	314	5	10	20	2	1	1	3	5	2
21 acres served ² ...	3,502,665	20,414	25,203	79,987	48,933	22,320	519	25,767	239,731	3,462
DRAINAGE OPERATIONS, 1950-1959 ³										
22 Cost of drainage works and services.....projects reporting...	302	1	7	11	2	1	...	3	4	...
23 dollars...	12,138,381	12,000	42,168	506,170	6,580	124,239	...	97,451	681,937	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	117	...	3	4	...	...	...	...	...	...
25 dollars...	936,412	...	14,668	208,000	...	...	...	...	...	...
26 Open ditches.....projects reporting...	113	...	3	4	...	...	...	...	...	...
27 length, miles...	296.7	...	5.6	15.5	...	...	...	...	...	...
28 Tile or covered drains.....projects reporting...	36	...	...	...	...	...	...	...	...	...
29 length, miles...	8.5	...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	13	...	1	...	...	...	...	...	...	...
31 length, miles...	42.6	...	5.0	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	3	...	...	1	...	...	...	...	...	...
33 number of pumps...	5	...	...	1	...	...	...	...	...	...
34 Other (see text).....projects reporting...	8	...	...	1	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	224	1	6	10	2	1	...	3	4	...
36 dollars...	11,201,969	12,000	27,500	298,170	6,580	124,239	...	97,451	681,937	...

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Callaway	Cape Girardeau	Carroll	Cass	Chariton	Clark	Clay	Davless	De Kalb	Dunklin
AREA										
1 Approximate land area.....acres 1960...	534,400	368,640	444,160	446,720	485,760	325,760	264,320	360,320	270,720	347,520
2 Land in farms.....acres 1959...	416,390	306,651	411,900	398,600	418,576	290,241	207,232	328,020	247,738	309,990
3 Drainage projects..... number 1960...	5	12	8	1	14	11	2	8	2	40
4 1960...	5	3	6	1	15	9	1	3	2	26
5 Total area in drainage projects ¹ acres served 1960...	6,040	45,060	81,649	15,385	60,536	38,120	5,891	38,528	3,100	261,254
6 1960...	6,040	47,350	78,972	15,385	62,266	35,600	5,183	38,478	3,000	265,957
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	12,800	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	6,040	45,060	68,849	15,385	60,536	38,120	5,891	38,528	3,100	261,254
9 Drainage established before 1960..... acres served 1960...	6,040	43,495	66,172	15,385	60,536	35,600	5,183	38,478	3,000	259,234
10 Area added, 1950-1959..... acres served 1960...	...	1,565	2,677	...	...	2,520	708	50	100	2,020
11 Area served by two or more projects..... acres served 1960...	...	8,948	28,965	...	7,264	...	...	4,215	...	73,621
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	1	...	...	...	2
13 acres served ²...	...	...	...	...	...	1,360	...	...	...	1,240
14 Cooperative or mutual drains..... number of projects...	...	9	...	...	...	1	...	5	2	12
15 acres served ²...	...	7,915	...	...	...	1,160	...	4,265	3,100	13,210
16 Legally organized public drains..... number of projects...	5	3	8	1	14	9	2	3	...	26
17 acres served ² ...	6,040	46,093	97,814	15,385	67,800	35,600	5,891	38,478	...	333,905
PROJECTS, 1960, BY YEAR STARTED										
18 1960-1959..... number of projects...	...	9	2	...	...	2	1	5	...	14
19 acres served ²...	...	7,915	2,677	...	...	2,520	708	4,265	...	14,450
20 Prior to 1960..... number of projects...	5	3	6	1	14	9	1	3	2	26
21 acres served ² ...	6,040	46,093	95,137	15,385	67,800	35,600	5,183	38,478	3,100	333,905
DRAINAGE OPERATIONS, 1950-1959 ³										
22 Cost of drainage works and services.....projects reporting...	3	11	8	1	10	4	2	6	(⁴)	40
23 dollars...	13,883	270,330	256,178	10,310	546,864	218,677	99,933	27,047	(⁴)	1,087,684
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	9	2	...	1	3	1	3	(⁴)	13
25 dollars...	...	53,946	69,376	...	8,500	27,147	8,496	13,000	(⁴)	63,900
26 Open ditches.....projects reporting...	...	9	2	...	1	2	1	3	(⁴)	13
27 length, miles...	...	19.8	9.7	...	0.5	2.5	1.6	5.2	(⁴)	42.6
28 Tile or covered drains.....projects reporting...	...	3	...	...	...	...	...	...	...	10
29 length, miles...	...	0.3	...	...	...	...	...	...	...	1.0
30 Levees or dikes.....projects reporting...	...	...	2	...	1	1	...	...	...	...
31 length, miles...	...	...	6.8	...	0.5	2.0	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	2	...	...	...	...
33 number of pumps...	...	...	...	...	...	4	...	...	...	...
34 Other (see text).....projects reporting...	...	...	2	...	1	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	3	4	8	1	10	4	1	6	...	27
36 dollars...	13,883	216,384	186,802	10,310	538,364	191,530	91,437	14,047	...	1,023,784

¹Land served by two or more projects counted only once.

²Acres served by two projects are included for each project. See text.

³Includes projects taken over by another project prior to 1960. See text.

⁴Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Franklin	Gentry	Cruddy	Harrison	Henry	Holt	Howard	Jackson	Johnson	Knox
AREA										
1 Approximate land area.....acres 1960...	596,480	312,320	278,400	460,800	471,680	296,960	300,160	385,920	528,640	327,680
2 Land in farms.....acres 1959...	401,964	292,671	251,343	427,462	401,370	254,160	262,472	230,898	456,253	300,616
3 Drainage projects..... number 1960...	2	5	12	6	2	10	2	4	3	5
4 1950...	1	4	12	3	2	9	3	4	3	5
5 Total area in drainage projects ¹ acres served 1960...	5,380	27,759	57,627	23,318	11,513	43,161	4,012	9,090	28,262	7,365
6 1950...	4,380	27,759	57,627	22,718	11,513	42,229	5,579	9,551	28,262	7,365
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	5,380	27,759	57,627	23,318	11,513	43,161	4,012	9,090	28,262	7,365
9 Drainage established before 1950..... acres served 1960...	4,380	27,759	57,627	22,718	11,513	43,161	4,012	9,090	28,262	7,365
10 Area added, 1950-1959..... acres served 1960...	1,000	...	...	600	...	...	...	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...	...	1,250	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner..... number of projects...	1	1	...	1	...	...	...	...	...	...
13 acres served ² ...	1,000	670	...	640	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	2	...	...	...	1	...	...
15 acres served ²...	...	...	...	1,240	...	...	...	1,500	...	...
16 Legally organized public drains..... number of projects...	1	4	12	3	2	10	2	3	3	5
17 acres served ² ...	4,380	27,089	57,627	21,438	11,513	43,161	4,012	7,590	29,512	7,365
PROJECTS, 1960, BY YEAR STARTED										
18 1960-1959..... number of projects...	1	...	...	3	...	1	...	...	...	...
19 acres served ² ...	1,000	...	...	1,880	...	7,086	...	...	...	...
20 Prior to 1960..... number of projects...	1	5	12	3	2	9	2	4	3	5
21 acres served ² ...	4,380	27,759	57,627	21,438	11,513	36,075	4,012	9,090	29,512	7,365
DRAINAGE OPERATIONS, 1950-1959 ³										
22 Cost of drainage works and services.....projects reporting...	2	(⁴)	...	3	...	5	2	3	2	3
23 dollars...	75,969	(⁴)	...	20,500	...	298,430	16,394	103,122	6,723	4,100
24 New drainage works constructed, enlarged, or installed.....projects reporting...	1	(⁴)	...	3	...	1	...	...	...	...
25 dollars...	7,469	(⁴)	...	20,500	...	1,000	...	...	...	...
26 Open ditches.....projects reporting...	1	(⁴)	...	3	...	1	...	...	...	...
27 length, miles...	2.3	(⁴)	...	8.2	...	1.0	...	...	...	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	(⁴)	...	...	...	...	...	...	...	...
31 length, miles...	...	(⁴)	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	1	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	...	...	...	...	5	2	3	2	3
36 dollars...	68,500	...	...	...	...	297,430	16,394	103,122	6,723	4,100

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.⁴Included in State total only.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Lafayette	Lewis	Lincoln	Linn	Livingston	Macon	Marion	Mercer	Mississippi	New Madrid
AREA										
1 Approximate land area.....acres 1960...	405,760	323,200	402,560	399,360	341,120	520,960	281,600	291,840	263,040	434,560
2 Land in farms.....acres 1959...	372,740	288,850	308,600	358,003	305,742	442,904	252,620	262,481	227,676	365,779
3 Drainage projects.....number 1960...	6	7	8	2	5	3	8	7	13	23
4 1950...	5	7	7	3	5	3	3	6	11	27
5 Total area in drainage projects ¹.....acres served 1960...	12,662	20,836	27,244	17,718	88,095	27,737	24,223	18,118	228,793	368,596
6 1950...	10,219	20,836	27,244	17,735	88,175	27,737	23,173	18,118	238,820	388,315
7 Area not used for agriculture or not drained.....acres served 1960...	...	...	...	...	...	...	...	...	1,900	...
8 Net area drained and used for agriculture.....acres served 1960...	12,662	20,836	27,244	17,718	88,095	27,737	24,223	18,118	226,893	368,596
9 Drainage established before 1950.....acres served 1960...	10,073	20,836	27,244	17,718	88,095	27,737	23,173	18,118	226,893	368,596
10 Area added, 1950-1959.....acres served 1960...	2,589	...	...	...	...	...	1,050	...	...	...
11 Area served by two or more projects.....acres served 1960...	...	...	764	...	...	...	4,060	900	103,249	130,258
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner.....number of projects...	...	...	1	...	...	...	5	1	...	...
13 acres served ²...	...	...	764	...	...	...	5,110	500	...	...
14 Cooperative or mutual drains.....number of projects...	...	...	...	...	...	...	...	...	...	3
15 acres served ²...	...	...	...	...	...	...	...	...	...	5,047
16 Legally organized public drains.....number of projects...	6	7	7	2	5	3	3	6	13	20
17 acres served ² ...	12,662	20,836	27,244	17,718	88,095	27,737	23,173	18,518	349,652	511,103
PROJECTS, 1960, BY YEAR STARTED										
18 1960-1959.....number of projects...	1	...	1	...	...	...	5	1	...	3
19 acres served ² ...	2,589	...	764	...	...	...	5,110	500	...	5,047
20 Prior to 1950.....number of projects...	5	7	7	2	5	3	3	6	13	20
21 acres served ² ...	10,073	20,836	27,244	17,718	88,095	27,737	23,173	18,518	349,652	511,103
DRAINAGE OPERATIONS, 1950-1959 ³										
22 Cost of drainage works and services.....projects reporting...	5	4	8	...	...	...	8	3	13	20
23 dollars...	43,323	73,100	179,960	...	...	...	273,020	4,200	299,289	1,918,807
24 New drainage works constructed, enlarged, or installed.....projects reporting...	2	1	1	...	...	...	4	(⁴)	1	3
25 dollars...	35,579	1,873	14,478	...	...	...	31,500	(⁴)	3,600	16,520
26 Open ditches.....projects reporting...	1	...	1	...	...	...	4	(⁴)	1	3
27 length, miles...	3.4	...	11.8	...	...	...	23.5	(⁴)	0.7	13.0
28 Tile or covered drains.....projects reporting...	...	1	...	...	...	...	2	...	...	2
29 length, miles...	...	0.1	...	...	...	...	5.1	...	...	0.2
30 Levees or dikes.....projects reporting...	2	...	...	...	...	...	...	(⁴)	...	...
31 length, miles...	10.4	...	...	...	...	...	...	(⁴)	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	1	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	5	4	7	...	...	...	6	2	13	17
36 dollars...	7,744	71,227	165,482	...	...	...	241,520	200	295,689	1,902,287

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.
⁴Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Nodaway	Osage	Pemiscot	Perry	Pettis	Pike	Platte	Putnam	Ray	Ripley
AREA										
1 Approximate land area.....acres 1960...	561,280	384,640	312,320	304,640	434,560	435,840	268,800	331,520	367,360	408,960
2 Land in farms.....acres 1959...	544,796	331,842	289,786	255,426	403,797	371,254	219,789	297,327	314,601	162,578
3 Drainage projects..... number 1960...	16	2	47	1	...	4	2	3	10	3
4 1950...	15	2	14	1	1	4	2	3	7	3
5 Total area in drainage projects ¹ acres served 1960...	51,682	1,701	275,790	18,480	...	16,912	7,329	1,700	32,183	22,359
6 1950...	50,763	1,701	274,090	18,480	2,000	16,912	7,638	1,700	24,598	22,359
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	51,682	1,701	275,790	18,480	...	16,912	7,329	1,700	32,183	22,359
9 Drainage established before 1950..... acres served 1960...	50,682	1,701	274,090	18,480	...	16,912	7,329	1,700	25,814	22,359
10 Area added, 1950-1959..... acres served 1960...	1,000	...	1,700	...	...	...	...	...	6,369	...
11 Area served by two or more projects..... acres served 1960...	...	...	43,322	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner..... number of projects...	...	...	25	...	...	1	...	...	...	...
13 acres served ²..	...	...	15,380	...	...	1,050	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	1	...	8	...	...	1	...	...	...	...
15 acres served ² ..	1,000	...	4,850	...	...	2,290	...	...	...	...
16 Legally organized public drains..... number of projects...	15	2	14	1	...	2	2	3	10	3
17 acres served ² ..	50,682	1,701	301,802	18,480	...	13,572	7,329	1,700	32,183	22,359
PROJECTS, 1960, BY YEAR STARTED										
18 1950-1959..... number of projects...	1	...	32	...	...	...	...	...	2	...
19 acres served ² ..	1,000	...	19,730	...	...	...	...	...	6,369	...
20 Prior to 1950..... number of projects...	15	2	15	1	...	4	2	3	8	3
21 acres served ² ..	50,682	1,701	302,302	18,480	...	16,912	7,329	1,700	25,814	22,359
DRAINAGE OPERATIONS, 1950-1959 ³										
22 Cost of drainage works and services.....projects reporting...	3	1	45	1	...	4	2	1	8	...
23 dollars...	11,250	7,081	2,177,652	18,416	...	91,600	44,300	3,500	229,986	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	(4)	...	32	...	...	...	...	...	2	...
25 dollars...	(4)	...	55,212	...	...	...	...	...	115,230	...
26 Open ditches.....projects reporting...	(4)	...	32	...	...	...	...	...	2	...
27 length, miles...	(4)	...	45.8	...	...	...	...	...	7.4	...
28 Tile or covered drains.....projects reporting...	(4)	...	15	...	...	...	...	...	...	...
29 length, miles...	(4)	...	1.5	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	(4)	...	...	...	...	...	...	...	2	...
31 length, miles...	(4)	...	...	...	...	...	...	...	4.9	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...	1	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	3	1	23	1	...	4	2	1	7	...
36 dollars...	3,750	7,081	2,122,440	18,416	...	91,600	44,300	3,500	114,756	...

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.⁴Included in State total only.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	St. Charles	St. Louis	Saline	Schuyler	Scotland	Scott	Shelby	Stoddard	Sullivan	Worth
AREA										
1 Approximate land area.....acres 1960...	359,040	318,080	485,760	195,840	282,240	267,520	321,280	535,680	418,560	170,880
2 Land in farms.....acres 1959...	271,667	118,096	442,953	173,234	255,948	247,760	297,780	417,967	391,558	159,234
3 Drainage projects..... number 1960...	11	2	7	4	8	12	5	44	2	4
4 1950...	7	3	11	4	9	12	3	29	2	2
5 Total area in drainage projects ¹ acres served 1960...	26,888	2,967	29,250	9,125	21,330	151,025	11,382	339,066	11,282	13,302
6 1950...	25,588	11,933	45,073	9,125	21,330	151,368	9,632	335,641	11,282	12,526
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	5,000	...	...
8 Net area drained and used for agriculture..... acres served 1960...	26,888	2,967	29,250	9,125	21,330	151,025	11,382	334,066	11,282	13,302
9 Drainage established before 1950..... acres served 1960...	25,588	1,967	29,250	9,125	21,330	150,768	9,632	331,326	11,282	13,302
10 Area added, 1950-1959..... acres served 1960...	1,300	1,000	...	...	...	257	1,750	2,740	...	...
11 Area served by two or more projects..... acres served 1960...	1,300	...	520	...	...	14,158	2,350	31,754	...	550
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner..... number of projects...	1	...	...	...	...	...	1	13	...	...
13 acres served ² ...	500	...	...	...	...	...	600	12,740	...	...
14 Cooperative or mutual drains..... number of projects...	3	1	...	...	...	...	1	4	...	1
15 acres served ² ...	2,100	1,000	...	...	...	...	1,750	5,762	...	550
16 Legally organized public drains..... number of projects...	7	1	7	4	8	12	3	27	2	3
17 acres served ² ...	25,588	1,967	29,770	9,125	21,330	165,183	11,382	349,018	11,282	13,302
PROJECTS, 1960, BY YEAR STARTED										
18 1960-1959..... number of projects...	4	1	...	...	...	...	2	16	...	1
19 acres served ² ...	2,600	1,000	...	...	...	...	2,350	17,040	...	550
20 Prior to 1960..... number of projects...	7	1	7	4	8	12	3	28	2	3
21 acres served ² ...	25,588	1,967	29,770	9,125	21,330	165,183	11,382	350,480	11,282	13,302
DRAINAGE OPERATIONS, 1950-1959 ³										
22 Cost of drainage works and services.....projects reporting...	8	1	6	1	...	12	5	35	...	1
23 dollars...	52,771	12,125	128,600	9,000	...	505,378	33,400	1,474,494	...	4,500
24 New drainage works constructed, enlarged, or installed.....projects reporting...	4	1	1	...	...	1	3	15	...	1
25 dollars...	16,055	12,125	15,635	...	...	2,179	30,300	60,624	...	2,000
26 Open ditches.....projects reporting...	4	1	...	...	...	1	3	15	...	1
27 length, miles...	5.9	3.6	...	...	...	0.5	5.5	50.0	...	2.0
28 Tile or covered drains.....projects reporting...	1	1	...	...	...	...	...	...	...	...
29 length, miles...	0.1	0.1	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	1	1	...	...	...	...	...	...	...
31 length, miles...	...	3.6	2.2	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	1	1	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	4	...	6	1	...	12	3	22	...	1
36 dollars...	36,656	...	112,965	9,000	...	503,199	3,100	1,413,870	...	2,500

¹Land served by two or more projects counted only once.

²Acres served by two projects are included for each project. See text.

³Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area.....acres...	93,271,040	93,361,920	93,642,240	93,523,840	93,523,840
Land in farms.....acres...	64,081,391	59,247,434	46,451,594	44,659,152	35,070,656
Drainage projects.....number...	20	404	34	NA	NA
Total area in drainage projects.....acres served...	62,222	289,189	372,661	167,629	168,682
Area not used for agriculture or not drained.....acres served...	2,110	NA	NA	NA	NA
Net area drained and used for agriculture.....acres served...	60,112	NA	¹ 362,711	¹ 150,844	NA
Drainage established 10 years or more before Census date.....acres served...	49,656	NA	NA	NA	NA
Drainage established within 10 years of Census date.....acres served...	10,456	NA	NA	NA	NA
Area served by two or more projects.....acres served...	...	3,336	1,528	...	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner.....number of projects...	1	² 2	NA	NA	NA
acres served...	640	² 3,260	² 7,000	² 8,100	² 13,650
Cooperative or mutual drains.....number of projects...	6	² 3	...	...	...
acres served...	4,685	² 2,260	...	...	...
Legally organized public drains.....number of projects...	13	² 22	NA	NA	NA
acres served...	54,787	² 94,172	² 53,418	² 39,984	² 129,432
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date.....number of projects...	11	² 21	NA	NA	NA
acres served...	51,265	² 84,354	355,489	34,408	³ 21,533
Started within 10 years of Census date.....number of projects...	9	² 6	NA	NA	NA
acres served...	8,847	² 15,338	17,172	133,221	³ 134,499
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services.....projects reporting...	18	² 25	NA	NA	NA
dollars...	721,491	462,260	NA	NA	NA
New drainage works constructed, enlarged, or installed.....projects reporting...	11	⁴ 9	NA	NA	NA
cost, dollars...	211,129	⁴ 167,830	NA	NA	NA
Open ditches.....projects reporting...	10	8	NA	NA	NA
length, miles...	43.0	40	NA	NA	NA
Tile or covered drains.....projects reporting...	1	2	NA	NA	NA
length, miles...	2.2	2	NA	NA	NA
Levees or dikes.....projects reporting...	...	...	NA	NA	NA
length, miles...	...	...	NA	NA	NA
Pumps.....projects reporting...	...	NA	NA	NA	NA
number of pumps...	...	NA	NA	NA	NA
Other (see text).....projects reporting...	1	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration.....projects reporting...	10	NA	NA	NA	NA
dollars...	510,362	294,430	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment.....dollars...	NA	NA	2,827,839	1,879,296	664,990
Physical works:					
Open ditches.....length, miles...	NA	NA	420.9	284.2	102.1
Tile drains.....length, miles...	NA	NA	73.8	76.7	50.7
Levees and dikes.....length, miles...	NA	NA	0.8	...	...
Pumping units.....number of units...	NA	(²)	...	...	...

NA Not available.

¹Not fully comparable. See text.²1950 figures exclude 377 projects and 189,497 acres in "irrigation enterprises"; 1940 figures exclude 312,243 acres in "irrigation enterprises"; 1930 figures exclude 119,545 acres in "irrigation enterprises"; 1920 figures exclude 25,600 acres in "irrigation enterprises."³1920 figures exclude 12,650 acres for which date of organization was not reported.⁴Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	20	60,112	...	11	49,656	10	10,456
2 500 to 999 acres.....	11	9,051	...	4	3,854	7	5,197
3 1,000 to 1,999 acres.....	4	4,921	...	3	3,921	1	1,000
4 2,000 to 4,999 acres.....	3	10,670	...	2	8,020	1	2,650
5 5,000 to 9,999 acres.....	...	...	...	...	...	...	...
6 10,000 to 19,999 acres.....	1	12,580	...	1	10,971	1	1,609
7 20,000 to 49,999 acres.....	1	22,890	...	1	22,890	...	...
8 50,000 to 99,999 acres.....	...	...	...	...	...	...	...
9 100,000 or more acres.....	...	...	...	...	...	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	20	60,112	...	11	49,656	10	10,456
2 Drains owned by one landowner.....	1	640	...	...	...	1	640
3 Cooperative or mutual drains.....	6	4,685	...	2	1,760	4	2,925
4 Legally organized public drains.....	13	54,787	...	9	47,896	5	6,891

State Table 4.—DRAINAGE PROJECTS, 1960,

Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	20	60,112	...	11	49,656	10	10,456
2 1950-1959.....	9	8,847	...	...	...	9	8,847
3 Prior to 1950.....	11	51,265	...	11	49,656	1	1,609

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
18	721,491	11	211,129	10	43.0	1	2.2	...	...	...	...	1	1
10	212,412	7	131,326	6	17.3	1	2.2	...	...	...	...	1	2
3	35,885	1	25,000	1	3.9	...	...	...	...	...	...	...	3
3	64,107	1	32,303	1	11.9	...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	5
1	34,087	1	12,500	1	4.9	...	...	...	...	...	...	...	6
1	375,000	1	10,000	1	5.0	...	...	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
18	721,491	11	211,129	10	43.0	1	2.2	...	...	...	...	1	1
1	6,000	1	6,000	1	1.9	...	...	...	...	...	...	...	2
4	67,373	3	42,873	3	9.4	...	...	...	...	...	...	1	3
13	648,118	7	162,256	6	31.7	1	2.2	...	...	...	...	...	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
18	721,491	11	211,129	10	43.0	1	2.2	...	...	...	...	1	1
9	161,587	8	137,087	8	33.1	...	...	...	...	...	...	1	2
9	559,904	3	74,042	2	9.9	1	2.2	...	...	...	...	...	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Broadwater	Ouster	Flathead	Gallatin	Missoula	Powell
AREA							
1 Approximate land area.....acres 1960...	93,271,040	766,720	12,409,600	3,289,600	1,610,880	1,672,320	1,495,680
2 Land in farms.....acres 1959...	64,081,391	463,977	12,414,699	507,227	990,321	373,333	804,356
3 Drainage projects..... number 1960...	20	1	1	1	1	1	1
4 1950...	404	5	5	8	11	6	29
5 Total area in drainage projects ² acres served 1960...	62,222	1,060	1,440	600	700	900	640
6 1950...	289,189	1,546	5,765	3,599	10,235	322	1,335
7 Area not used for agriculture or not drained..... acres served 1960...	2,110	...	760	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	60,112	1,060	680	600	700	900	640
9 Drainage established before 1950..... acres served 1960...	49,656	1,060	...	...	700	...	...
10 Area added, 1950-1959..... acres served 1960...	10,456	...	680	600	...	900	640
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION							
12 Drains owned by one landowner..... number of projects...	1	...	...	...	...	...	1
13 acres served ³ ..	640	...	...	...	...	...	640
14 Cooperative or mutual drains..... number of projects...	6	1	1	1	1	1	...
15 acres served ³ ..	4,685	1,060	680	600	700	900	...
16 Legally organized public drains..... number of projects...	13	...	...	...	...	...	...
17 acres served ³ ..	54,787	...	...	...	...	...	...
PROJECTS, 1960, BY YEAR STARTED							
18 1950-1959..... number of projects...	9	...	1	1	...	1	1
19 acres served ³ ..	8,847	...	680	600	...	900	640
20 Prior to 1950..... number of projects...	11	1	...	...	1	...	...
21 acres served ³ ..	51,265	1,060	...	...	700	...	...
DRAINAGE OPERATIONS, 1950-1959 ⁴							
22 Cost of drainage works and services.....projects reporting...	18	...	1	1	...	1	1
23 dollars...	721,491	...	35,000	24,500	...	4,044	6,000
24 New drainage works constructed, enlarged, or installed.....projects reporting...	11	...	1	...	...	1	1
25 dollars...	211,129	...	35,000	...	...	4,044	6,000
26 Open ditches.....projects reporting...	10	...	1	...	...	1	1
27 length, miles...	43.0	...	6.1	...	...	2.1	1.9
28 Tile or covered drains.....projects reporting...	1	...	...	...	...	...	...
29 length, miles...	2.2	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	1	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	10	...	...	1	...	...	...
36 dollars...	510,362	...	...	24,500	...	...	...

¹The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Ravalli	Richland	Roosevelt	Sweet Grass	Treasure	Valley	Yellowstone	All other counties ¹
AREA								
1 Approximate land area.....acres 1960...	1,525,760	1,321,600	1,526,400	1,181,440	629,760	3,175,040	² 1,686,400	47,386,880
2 Land in farms.....acres 1959...	378,523	1,220,742	1,297,937	873,413	567,962	2,293,143	² 1,778,452	31,631,018
3 Drainage projects..... number 1960...	1	1	1	1	3	2	6	...
4 1950...	67	3	6	3	4	10	39	216
5 Total area in drainage projects ³ acres served 1960...	4,880	700	3,145	745	4,582	33,075	9,755	...
6 1950...	15,430	5,429	2,078	145	2,871	28,230	73,383	138,821
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	750	600	...
8 Net area drained and used for agriculture..... acres served 1960...	4,880	700	3,145	745	4,582	32,325	9,155	...
9 Drainage established before 1950..... acres served 1960...	4,880	...	2,743	...	...	31,118	9,155	...
10 Area added, 1950-1959..... acres served 1960...	...	700	402	745	4,582	1,207	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...
13 acres served ⁴..	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	1	...	...	...	...
15 acres served ⁴..	...	...	...	745	...	...	...	...
16 Legally organized public drains..... number of projects...	1	1	1	...	3	2	6	...
17 acres served ⁴ ..	4,880	700	3,145	...	4,582	32,325	9,155	...
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	...	1	...	1	3	...	...	...
19 acres served ⁴..	...	700	...	745	4,582	...	...	...
20 Prior to 1950..... number of projects...	1	...	1	...	...	2	6	...
21 acres served ⁴ ..	4,880	...	3,145	...	...	32,325	9,155	...
DRAINAGE OPERATIONS, 1950-1959⁵								
22 Cost of drainage works and services.....projects reporting...	1	1	1	1	3	2	6	...
23 dollars...	13,549	19,911	8,522	3,829	68,303	400,565	137,268	...
24 New drainage works constructed, enlarged, of installed.....projects reporting...	...	1	1	1	3	2	1	...
25 dollars...	...	19,911	3,125	3,829	68,303	19,375	51,542	...
26 Open ditches.....projects reporting...	...	1	1	1	3	2	...	...
27 length, miles...	...	2.2	1.2	1.2	19.6	8.7	...	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	1	...
29 length, miles...	...	...	...	...	...	...	2.2	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	1	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	...	1	...	...	2	6	...
36 dollars...	13,549	...	5,397	...	...	381,190	85,726	...

¹Includes Beaverhead, Big Horn, Blaine, Carbon, Cascade, Dawson, Garfield, Golden Valley, Granite, Hill, Jefferson, Lake, Lewis and Clark, Lincoln, Madison, Meagher, Musselshell, Park, Petroleum, Phillips, Rosebud, Sanders, Silver Bow, Stillwater, Teton, and Wheatland counties.

²The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.

³Land served by two or more projects counted only once.

⁴Acrees served by two projects are included for each project. See text.

⁵Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area.....acres...	49,031,680	49,064,320	49,057,920	49,157,120	49,157,120
Land in farms.....acres...	47,755,708	47,466,828	47,343,981	44,708,565	42,225,475
Drainage projects.....number...	103	473	125	NA	NA
Total area in drainage projects.....acres served...	744,207	821,088	916,181	879,459	607,730
Area not used for agriculture or not drained.....acres served...	4,987	NA	NA	NA	NA
Net area drained and used for agriculture.....acres served...	739,220	NA	¹ 849,948	¹ 864,159	NA
Drainage established 10 years or more before Census date.....acres served...	697,914	NA	NA	NA	NA
Drainage established within 10 years of Census date.....acres served...	41,306	NA	NA	NA	NA
Area served by two or more projects.....acres served...	1,784	157,413	89,360	14,440	100,720
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner.....number of projects...	...	(²)	NA	NA	NA
.....acres served...	...	(²)	(²)	² 3,080	² 7,270
Cooperative or mutual drains.....number of projects...	4	² 5	...	...	...
.....acres served...	6,940	² 3,970	...	...	...
Legally organized public drains.....number of projects...	99	² 149	NA	NA	NA
.....acres served...	734,064	² 713,821	² 721,986	² 696,994	² 591,772
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date.....number of projects...	99	² 129	NA	NA	NA
.....acres served...	707,704	² 657,729	884,937	753,071	423,023
Started within 10 years of Census date.....number of projects...	4	² 25	NA	NA	NA
.....acres served...	33,300	² 60,062	³ 1,244	126,388	184,707
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services.....projects reporting...	40	² 75	NA	NA	NA
.....dollars...	1,388,581	1,533,019	NA	NA	NA
New drainage works constructed, enlarged, or installed.....projects reporting...	12	³ 27	NA	NA	NA
.....cost, dollars...	417,911	³ 757,990	NA	NA	NA
Open ditches.....projects reporting...	10	28	NA	NA	NA
.....length, miles...	60.6	167	NA	NA	NA
Tile or covered drains.....projects reporting...	...	1	NA	NA	NA
.....length, miles...	...	1	NA	NA	NA
Levees or dikes.....projects reporting...	...	1	NA	NA	NA
.....length, miles...	...	1	NA	NA	NA
Pumps.....projects reporting...	...	NA	NA	NA	NA
.....number of pumps...	...	NA	NA	NA	NA
Other (see text).....projects reporting...	4	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration.....projects reporting...	36	NA	NA	NA	NA
.....dollars...	970,670	775,029	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment.....dollars...	NA	NA	7,578,999	6,847,070	4,588,578
Physical works:					
Open ditches.....length, miles...	NA	NA	1,406.7	1,202.3	734.5
Tile drains.....length, miles...	NA	NA	26.3	93.4	309.4
Levees and dikes.....length, miles...	NA	NA	230.3	116.8	26.8
Pumping units.....number of units...	NA	(²)	3	3	...

NA Not available.

¹Not fully comparable. See text.

²1950 figures exclude 319 projects and 103,297 acres in "irrigation enterprises"; 1940 figures exclude 194,195 acres in "irrigation enterprises"; 1930 figures exclude 179,385 acres in "irrigation enterprises"; 1920 figures exclude 8,688 acres in "irrigation enterprises."

³Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	103	741,004	3,568	102	699,698	9	41,306
2	500 to 999 acres.....	14	9,684	...	14	9,684	...	...
3	1,000 to 1,999 acres.....	18	27,781	1,464	18	27,781	...	...
4	2,000 to 4,999 acres.....	28	89,673	640	28	89,313	1	360
5	5,000 to 9,999 acres.....	26	187,135	...	25	159,565	6	27,570
6	10,000 to 19,999 acres.....	12	163,857	1,464	12	154,281	1	9,576
7	20,000 to 49,999 acres.....	3	95,508	...	3	95,508	...	...
8	50,000 to 99,999 acres.....	2	167,366	...	2	163,566	1	3,800
9	100,000 or more acres.....	...	...	...	...	...	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	103	741,004	3,568	102	699,698	9	41,306
2	Drains owned by one landowner.....	...	...	...	...	...	...	...
3	Cooperative or mutual drains.....	4	6,940	...	4	6,940	...	...
4	Legally organized public drains.....	99	734,064	3,568	98	692,758	9	41,306

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	103	741,004	3,568	102	699,698	9	41,306
2	1950-1959.....	4	33,300	1,064	3	3,604	4	29,696
3	Prior to 1950.....	99	707,704	2,504	99	696,094	5	11,610

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Antelope	Buffalo	Burt	Butler	Cass	Cedar	Cherry
AREA								
1 Approximate land area.....acres 1960...	49,031,680	545,920	609,280	309,760	372,480	354,560	475,520	3,828,480
2 Land in farms.....acres 1959...	47,755,708	533,929	602,435	300,066	363,397	327,920	462,005	3,689,084
3 Drainage projects..... number 1960...	103	1	3	5	4	1	3	5
4 1950...	473	3	43	6	9	1	3	4
5 Total area in drainage projects ¹ acres served 1960...	744,207	1,760	2,460	75,120	21,674	4,720	6,572	49,320
6 1950...	821,088	1,793	5,558	72,520	19,734	1,580	6,572	28,229
7 Area not used for agriculture or not drained..... acres served 1960...	4,987	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	739,220	1,760	2,460	75,120	21,674	4,720	6,572	49,320
9 Drainage established before 1950..... acres served 1960...	697,914	1,760	2,460	75,120	19,394	4,720	6,572	49,320
10 Area added, 1950-1959..... acres served 1960...	41,306	...	...	...	2,280	...	...	...
11 Area served by two or more projects..... acres served 1960...	1,784	...	...	...	320	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...
13 acres served ²...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	4	...	3	...	...	...	...	1
15 acres served ² ...	6,940	...	2,460	...	...	...	...	4,480
16 Legally organized public drains..... number of projects...	99	1	...	5	4	1	3	4
17 acres served ² ...	734,064	1,760	...	75,120	21,994	4,720	6,572	44,840
PROJECTS, 1960, BY YEAR STARTED								
18 1960-1959..... number of projects...	4	...	...	...	...	...	...	...
19 acres served ² ...	33,300	...	...	...	...	...	...	...
20 Prior to 1960..... number of projects...	99	1	3	5	4	1	3	5
21 acres served ² ...	707,704	1,760	2,460	75,120	21,994	4,720	6,572	49,320
DRAINAGE OPERATIONS, 1960-1959 ³								
22 Cost of drainage works and services..... projects reporting...	40	...	...	1	3	...	...	...
23 dollars...	1,388,581	...	...	294,496	26,516	...	...	...
24 New drainage works constructed, enlarged, or installed..... projects reporting...	12	...	...	...	1	...	...	...
25 dollars...	417,911	...	...	...	2,973	...	...	...
26 Open ditches..... projects reporting...	10	...	...	...	1	...	...	...
27 length, miles...	60.6	...	...	...	3.0	...	...	...
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	4	...	...	...	1	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	36	...	...	1	3	...	...	...
36 dollars...	970,670	...	...	294,496	23,543	...	...	...

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1960 data.]

Item and Census year	Colfax	Cuming	Dakota	Dawson	Dixon	Dodge	Douglas	Fillmore
AREA								
1 Approximate land area.....acres 1960...	259,200	365,440	163,200	¹ 626,560	307,200	338,560	213,120	369,280
2 Land in farms.....acres 1959...	250,469	360,331	154,945	¹ 676,505	284,347	326,619	154,657	356,024
3 Drainage projects..... number 1960...	2	6	2	1	4	2	3	3
4	11	6	2	45	4	36	6	6
5 Total area in drainage projects ² acres served 1960...	41,317	34,646	12,290	6,216	14,760	97,870	40,720	9,580
6	38,423	18,906	12,290	26,574	14,760	88,922	59,281	9,679
7 Area not used for agriculture or not drained acres served 1960...	...	...	...	...	...	...	3,267	...
8 Net area drained and used for agriculture acres served 1960...	41,317	34,646	12,290	6,216	14,760	97,870	37,453	9,580
9 Drainage established before 1950..... acres served 1960...	41,317	19,826	12,290	6,216	14,760	94,070	37,453	9,580
10 Area added, 1950-1959 acres served 1960...	...	14,820	...	...	...	3,800	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	400	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner number of projects...	...	...	...	...	...	...	...	...
13 .....	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	...	...	...	...	...
15 .....	...	...	...	...	...	...	...	...
16 Legally organized public drains..... number of projects...	2	6	2	1	4	2	3	3
17	41,317	34,646	12,690	6,216	14,760	97,870	37,453	9,580
PROJECTS, 1960, BY YEAR STARTED								
18 1960-1950 number of projects...	...	3	...	...	...	...	...	...
19 .....	...	17,200	...	...	...	...	...	...
20 Prior to 1950..... number of projects...	2	3	2	1	4	2	3	3
21	41,317	17,446	12,690	6,216	14,760	97,870	37,453	9,580
DRAINAGE OPERATIONS, 1950-1959 ⁴								
22 Cost of drainage works and services projects reporting...	2	4	2	1	...	1	...	...
23	4,311	105,198	188,530	11,117	...	88,632	...	...
24 New drainage works constructed, enlarged, or installed..... projects reporting...	...	3	...	...	...	1	...	...
25 .....	...	58,716	...	...	...	87,900	...	...
26 Open ditches..... projects reporting...	...	3	...	...	...	1	...	...
27 .....	...	18.8	...	...	...	14.3	...	...
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...
29 .....	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...
31 .....	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...
33 .....	...	...	...	...	...	...	...	...
34 Other (see text) projects reporting...	...	1	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	2	3	2	1	...	1	...	...
36	4,311	46,482	188,530	11,117	...	732	...	...

¹The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though part of the farm may be situated in an adjoining county.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Franklin	Frontier	Hamilton	Johnson	Kearney	Lincoln	Merrick	Nemaha
AREA								
1 Approximate land area.....acres 1960...	369,920	618,240	346,240	241,280	1,327,680	1,614,720	298,880	255,360
2 Land in farms.....acres 1959...	350,288	600,753	341,412	224,475	1,329,813	1,571,031	288,375	252,095
3 Drainage projects..... number 1960...	1	1	1	1	1	4	2	2
4 1950...	2	1	8	1	9	23	14	2
5 Total area in drainage projects ² acres served 1960...	1,285	720	520	2,880	15,000	13,162	14,496	3,640
6 1950...	1,375	720	247	2,880	15,294	43,738	14,887	5,844
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	1,285	720	520	2,880	15,000	13,162	14,496	3,640
9 Drainage established before 1950..... acres served 1960...	1,285	720	520	2,880	15,000	12,272	14,496	3,640
10 Area added, 1950-1959..... acres served 1960...	...	...	...	...	...	890	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...
13 acres served ³...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	...	...	...	...	...
15 acres served ³...	...	...	...	...	...	...	...	...
16 Legally organized public drains..... number of projects...	1	1	1	1	1	4	2	2
17 acres served ³ ...	1,285	720	520	2,880	15,000	13,162	14,496	3,640
PROJECTS, 1960, BY YEAR STARTED								
18 1960-1959..... number of projects...	...	...	...	...	...	...	...	...
19 acres served ³...	...	...	...	...	...	...	...	...
20 Prior to 1950..... number of projects...	1	1	1	1	1	4	2	2
21 acres served ³ ...	1,285	720	520	2,880	15,000	13,162	14,496	3,640
DRAINAGE OPERATIONS, 1950-1959 ⁴								
22 Cost of drainage works and services..... projects reporting...	...	...	1	1	1	3	1	2
23 dollars...	...	...	172	16,293	8,000	17,400	1,250	52,505
24 New drainage works constructed, enlarged, or installed..... projects reporting...	...	...	...	...	1	2	...	...
25 dollars...	...	...	...	...	7,500	13,800	...	...
26 Open ditches..... projects reporting...	...	...	...	...	1	2	...	...
27 length, miles...	...	...	...	...	1.8	3.0	...	...
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	...	...	1	1	1	1	1	2
36 dollars...	...	...	172	16,293	500	3,600	1,250	52,505

¹The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though part of the farm may be situated in an adjoining county.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Otoe	Pawnee	Phelps	Platte	Polk	Richardson	Sarpy	Saunders
AREA								
1 Approximate land area.....acres 1960...	394,880	277,120	348,800	430,080	¹ 277,120	350,720	151,040	483,840
2 Land in farms.....acres 1959...	382,368	248,994	341,170	404,301	¹ 284,272	326,599	128,361	461,104
3 Drainage projects.....number 1960...	2	1	1	2	3	8	7	13
4 1950...	3	1	4	4	11	3	8	14
5 Total area in drainage projects ².....acres served 1960...	15,260	7,180	7,840	18,727	2,480	58,044	24,270	47,255
6 1950...	15,780	7,180	3,295	18,987	3,067	38,255	24,940	54,815
7 Area not used for agriculture or not drained.....acres served 1960...	...	...	...	...	...	...	1,720	...
8 Net area drained and used for agriculture.....acres served 1960...	15,260	7,180	7,840	18,727	2,480	58,044	22,550	47,255
9 Drainage established before 1950.....acres served 1960...	15,260	7,180	3,200	18,727	2,480	58,044	22,550	47,255
10 Area added, 1950-1959.....acres served 1960...	...	...	4,640	...	...	...	...	...
11 Area served by two or more projects.....acres served 1960...	...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner.....number of projects...	...	...	...	...	...	...	...	...
13 acres served ³...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains.....number of projects...	...	...	...	...	...	...	...	...
15 acres served ³...	...	...	...	...	...	...	...	...
16 Legally organized public drains.....number of projects...	2	1	1	2	3	8	7	13
17 acres served ³ ...	15,260	7,180	7,840	18,727	2,480	58,044	22,550	47,255
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959.....number of projects...	...	...	...	...	...	...	...	...
19 acres served ³...	...	...	...	...	...	...	...	...
20 Prior to 1950.....number of projects...	2	1	1	2	3	8	7	13
21 acres served ³ ...	15,260	7,180	7,840	18,727	2,480	58,044	22,550	47,255
DRAINAGE OPERATIONS, 1950-1959 ⁴								
22 Cost of drainage works and services.....projects reporting...	2	...	1	2	...	2	3	3
23 dollars...	133,545	...	44,015	6,259	...	21,131	71,528	61,257
24 New drainage works constructed, enlarged, or installed.....projects reporting...	1	...	1	...	...	...	...	1
25 dollars...	65,603	...	44,015	...	...	...	...	10,000
26 Open ditches.....projects reporting...	1	...	1	...	...	...	...	...
27 length, miles...	1.0	...	8.5	...	...	...	...	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	1
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	2	...	...	2	...	2	3	3
36 dollars...	67,942	...	...	6,259	...	21,131	71,528	51,257

¹The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though part of the farm may be situated in an adjoining county.
²Land served by two or more projects counted only once.
³Acres served by two projects are included for each project. See text.
⁴Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Scotts Bluff	Seward	Stanton	Thayer	Thurston	Washington	Wayne	York	All other counties ¹
AREA									
1 Approximate land area.....acres 1960...	2,464,640	366,080	275,840	369,280	248,320	247,680	283,520	369,280	12,503,040.
2 Land in farms.....acres 1959...	2,534,706	357,246	264,815	362,162	217,281	239,042	275,176	357,835	11,993,014
3 Drainage projects..... number 1960...	1	1	6	2	4	6	1	2	...
4 1950...	14	3	4	3	4	5	1	8	171
5 Total area in drainage projects ² acres served 1960...	11,233	2,300	18,920	4,520	15,740	35,120	1,560	3,030	...
6 1950...	90,539	2,390	6,184	4,580	15,740	23,940	1,560	3,145	16,885
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	11,233	2,300	18,920	4,520	15,740	35,120	1,560	3,030	...
9 Drainage established before 1950..... acres served 1960...	11,233	2,300	10,544	4,520	15,740	28,620	1,560	3,030	...
10 Area added, 1950-1959..... acres served 1960...	...	...	8,376	...	...	6,500	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	1,064	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	...
13 acres served ⁴...	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	...	...	...	...	...	...
15 acres served ⁴...	...	...	...	...	...	...	...	...	...
16 Legally organized public drains..... number of projects...	1	1	6	2	4	6	1	2	...
17 acres served ⁴ ...	11,233	2,300	19,984	4,520	15,740	35,120	1,560	3,030	...
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	...	...	1	...	...	1	...	...	...
19 acres served ⁴...	...	...	9,600	...	...	6,500	...	...	...
20 Prior to 1960..... number of projects...	1	1	5	2	4	5	1	2	...
21 acres served ⁴ ...	11,233	2,300	10,384	4,520	15,740	28,620	1,560	3,030	...
DRAINAGE OPERATIONS, 1950-1959⁵									
22 Cost of drainage works and services.....projects reporting...	1	1	2	...	...	3	...	1	...
23 dollars...	7,638	117	115,266	...	...	111,205	...	2,200	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	...	1	...	...	1	...	...	...
25 dollars...	...	...	107,306	...	...	20,098	...	...	...
26 Open ditches.....projects reporting...	...	...	1	...	...	...	...	...	...
27 length, miles...	...	...	10.2	...	...	...	...	...	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	1	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	1	1	...	...	3	...	1	...
36 dollars...	7,638	117	7,960	...	...	91,107	...	2,200	...

¹Includes Adams, Boone, Box Butte, Clay, Custer, Dawes, Gage, Garden, Hall, Harlan, Howard, Keith, Kimball, Morrill, Nuckolls, Red Willow, Saline, Sherman, Sioux, and Valley counties.
²The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though part of the farm may be situated in an adjoining county.
³Land served by two or more projects counted only once.
⁴Acres served by two projects are included for each project. See text.
⁵Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area.....acres...	70,264,320	70,264,960	70,273,280	70,285,440	70,285,440
Land in farms.....acres...	10,942,936	7,063,525	3,785,106	4,080,906	2,397,163
Drainage projects.....number...	2	82	8	NA	NA
Total area in drainage projects.....acres served...	41,521	251,154	153,373	162,980	15,940
Area not used for agriculture or not drained.....acres served...	...	NA	NA	NA	NA
Net area drained and used for agriculture.....acres served...	41,521	NA	¹ 148,617	¹ 155,491	NA
Drainage established 10 years or more before Census date.....acres served...	41,521	NA	NA	NA	NA
Drainage established within 10 years of Census date.....acres served...	...	NA	NA	NA	NA
Area served by two or more projects.....acres served...	...	...	...	...	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner.....number of projects...	...	(²)	NA	NA	NA
acres served...	...	(²)	2,600	(²)	NA
Cooperative or mutual drains.....number of projects...	...	21	...	...	...
acres served...	...	2,500	...	...	...
Legally organized public drains.....number of projects...	2	24	NA	NA	NA
acres served...	41,521	² 125,595	² 24,398	² 80,756	NA
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date.....number of projects...	2	25	NA	NA	NA
acres served...	41,521	² 128,095	141,695	115,024	NA
Started within 10 years of Census date.....number of projects...	...	(²)	NA	NA	NA
acres served...	...	(²)	11,678	47,956	NA
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services.....projects reporting...	33	25	NA	NA	NA
dollars...	219,902	193,919	NA	NA	NA
New drainage works constructed, enlarged, or installed.....projects reporting...	1	42	NA	NA	NA
cost, dollars...	84,215	462,292	NA	NA	NA
Open ditches.....projects reporting...	1	2	NA	NA	NA
length, miles...	36.5	21	NA	NA	NA
Tile or covered drains.....projects reporting...	...	...	NA	NA	NA
length, miles...	...	...	NA	NA	NA
Levees or dikes.....projects reporting...	...	...	NA	NA	NA
length, miles...	...	...	NA	NA	NA
Pumps.....projects reporting...	1	NA	NA	NA	NA
number of pumps...	4	NA	NA	NA	NA
Other (see text).....projects reporting...	...	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration.....projects reporting...	3	NA	NA	NA	NA
dollars...	135,687	131,627	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment.....dollars...	NA	NA	1,337,647	1,349,774	117,851
Physical works:					
Open ditches.....length, miles...	NA	NA	426.4	334.8	16.6
Tile drains.....length, miles...	NA	NA	...	4.0	4.0
Levees and dikes.....length, miles...	NA	NA	23.0	33.0	...
Pumping units.....number of units...	NA	(²)	3	2	...

NA Not available.

¹Not fully comparable. See text.²1950 figures exclude 77 projects and 123,059 acres in "irrigation enterprises"; 1940 figures exclude 126,375 acres in "irrigation enterprises"; 1930 figures exclude 82,224 acres in "irrigation enterprises."³Includes projects taken over by another project prior to 1960. See text.⁴Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	2	41,521	...	2	41,521	...	...
2	800 to 999 acres.....	...	...	...	...	...	...	...
3	1,000 to 1,999 acres.....	...	...	...	...	...	...	...
4	2,000 to 4,999 acres.....	1	2,500	...	1	2,500	...	...
5	5,000 to 9,999 acres.....	...	...	...	...	...	...	...
6	10,000 to 19,999 acres.....	...	...	...	...	...	...	...
7	20,000 to 49,999 acres.....	1	39,021	...	1	39,021	...	...
8	50,000 to 99,999 acres.....	...	...	...	...	...	...	...
9	100,000 or more acres.....	...	...	...	...	...	...	...

¹Includes projects taken over by another project prior to 1960. See text.

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	2	41,521	...	2	41,521	...	...
2	Drains owned by one landowner.....	...	...	...	...	...	...	...
3	Cooperative or mutual drains.....	...	...	...	...	...	...	...
4	Legally organized public drains.....	2	41,521	...	2	41,521	...	...

¹Includes projects taken over by another project prior to 1960. See text.

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	2	41,521	...	2	41,521	...	...
2	1950-1959.....	...	...	...	...	...	...	...
3	Prior to 1950.....	2	41,521	...	2	41,521	...	...

¹Includes projects taken over by another project prior to 1960. See text.

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
13	219,902	1	84,215	1	36.5	...	...	...	...	1	4	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	3
1	3,914	...	...	...	...	...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	5
...	...	...	...	...	...	...	...	...	...	...	...	...	6
12	215,988	1	84,215	1	36.5	...	...	...	...	1	4	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
13	219,902	1	84,215	1	36.5	...	...	...	...	1	4	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	3
13	219,902	1	84,215	1	36.5	...	...	...	...	1	4	...	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
13	219,902	1	84,215	1	36.5	...	...	...	...	1	4	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	2
13	219,902	1	84,215	1	36.5	...	...	...	...	1	4	...	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. --DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Pershing	Washoe	All other counties ¹
AREA				
1 Approximate land area.....acres 1960...	70,264,320	3,835,520	4,019,840	51,651,200
2 Land in farms.....acres 1959...	10,942,936	882,936	1,237,291	7,860,797
3 Drainage projects..... number 1960...	2	1	1	...
4 1950...	82	12	12	62
5 Total area in drainage projects ² acres served 1960...	41,521	39,021	2,500	...
6 1950...	251,154	64,164	8,252	178,738
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	41,521	39,021	2,500	...
9 Drainage established before 1950..... acres served 1960...	41,521	39,021	2,500	...
10 Area added, 1950-1959..... acres served 1960...	...	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION				
12 Drains owned by one landowner..... number of projects...	...	...	...	...
13 acres served ³..	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	...
15 acres served ³..	...	...	...	...
16 Legally organized public drains..... number of projects...	2	1	1	...
17 acres served ³ ..	41,521	39,021	2,500	...
PROJECTS, 1960, BY YEAR STARTED				
18 1950-1959..... number of projects...	...	...	...	...
19 acres served ³..	...	...	...	...
20 Prior to 1950..... number of projects...	2	1	1	...
21 acres served ³ ..	41,521	39,021	2,500	...
DRAINAGE OPERATIONS, 1950-1959 ⁴				
22 Cost of drainage works and services.....projects reporting...	3	2	1	...
23 dollars...	219,902	215,988	3,914	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	1	1	...	...
25 dollars...	84,215	84,215	...	...
26 Open ditches.....projects reporting...	1	1	...	...
27 length, miles...	36.5	36.5	...	...
28 Tile or covered drains.....projects reporting...	...	...	...	...
29 length, miles...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...
31 length, miles...	...	...	...	...
32 Pumps.....projects reporting...	1	1	...	...
33 number of pumps...	4	4	...	...
34 Other (see text).....projects reporting...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	3	2	1	...
36 dollars...	135,687	131,773	3,914	...

¹ Includes Churchill, Clark, Douglas, Elko, Esmeralda, Humboldt, Lander, Lincoln, Lyon, Nye, Ormsby, and Storey counties.² Land served by two or more projects counted only once.³ Acres served by two projects are included for each project. See text.⁴ Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	4,813,440	4,814,080	4,814,080	4,808,960	4,808,960
Land in farms..... acres...	1,379,002	1,725,441	1,874,402	1,758,027	2,282,585
Drainage projects..... number...	9	5	...	...	...
Total area in drainage projects..... acres served...	11,756	11,206	...	...	...
Area not used for agriculture or not drained..... acres served...	800	NA	...	...	...
Net area drained and used for agriculture..... acres served...	10,956	NA	...	...	...
Drainage established 10 years or more before Census date..... acres served...	6,106	NA	...	...	...
Drainage established within 10 years of Census date..... acres served...	4,850	NA	...	...	...
Area served by two or more projects..... acres served...	...	...	...	...	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	...	...	...	...	...
acres served...	...	...	...	...	...
Cooperative or mutual drains..... number of projects...	9	4	...	...	...
acres served...	10,956	6,906	...	...	...
Legally organized public drains..... number of projects...	...	1	...	...	...
acres served...	...	4,300	...	...	...
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	4	1	...	...	...
acres served...	6,306	4,300	...	...	...
Started within 10 years of Census date..... number of projects...	5	4	...	...	...
acres served...	4,650	6,906	...	...	...
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	8	5	...	...	...
dollars...	40,617	39,357	...	...	...
New drainage works constructed, enlarged, or installed..... projects reporting...	7	15	...	...	...
cost, dollars...	39,967	¹ 34,407	...	...	...
Open ditches..... projects reporting...	7	5	...	...	...
length, miles...	13.6	12	...	...	...
Tile or covered drains..... projects reporting...	3	2	...	...	...
length, miles...	5.0	2	...	...	...
Levees or dikes..... projects reporting...	...	...	...	...	...
length, miles...	...	...	...	...	...
Pumps..... projects reporting...	...	NA	...	...	...
number of pumps...	...	NA	...	...	...
Other (see text)..... projects reporting...	...	NA	...	...	...
Cost of maintenance, operation, repair, and administration..... projects reporting...	1	NA	...	...	...
dollars...	650	4,950	...	...	...
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	...	...	...
Physical works:					
Open ditches..... length, miles...	NA	NA	...	...	...
Tile drains..... length, miles...	NA	NA	...	...	...
Levees and dikes..... length, miles...	NA	NA	...	...	...
Pumping units..... number of units...	NA	...	...	...	...

NA Not available.

¹Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	9	10,956	...	4	6,106	7	4,850
2	500 to 999 acres.....	5	3,400	...	1	750	4	2,650
3	1,000 to 1,999 acres.....	2	2,600	...	2	2,400	2	200
4	2,000 to 4,999 acres.....	2	4,956	...	1	2,956	1	2,000
5	5,000 to 9,999 acres.....	...	...	...	...	...	...	...
6	10,000 to 19,999 acres.....	...	...	...	...	...	...	...
7	20,000 to 49,999 acres.....	...	...	...	...	...	...	...
8	50,000 to 99,999 acres.....	...	...	...	...	...	...	...
9	100,000 or more acres.....	...	...	...	...	...	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	9	10,956	...	4	6,106	7	4,850
2	Drains owned by one landowner.....	...	...	...	...	...	...	...
3	Cooperative or mutual drains.....	9	10,956	...	4	6,106	7	4,850
4	Legally organized public drains.....	...	...	...	...	...	...	...

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	9	10,956	...	4	6,106	7	4,850
2	1960-1959.....	5	4,650	...	...	...	5	4,650
3	Prior to 1950.....	4	6,306	...	4	6,106	2	200

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
8	40,617	7	39,967	7	13.6	3	5.0	...	...	...	...	...	1
4	19,118	4	19,118	4	5.6	1	1.0	...	...	...	...	...	2
2	7,500	2	7,500	2	3.5	1	1.0	...	...	...	...	...	3
2	13,999	1	13,349	1	4.5	1	3.0	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	5
...	...	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
8	40,617	7	39,967	7	13.6	3	5.0	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	2
8	40,617	7	39,967	7	13.6	3	5.0	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
8	40,617	7	39,967	7	13.6	3	5.0	...	...	...	...	...	1
5	32,467	5	32,467	5	10.1	2	4.0	...	...	...	...	...	2
3	8,150	2	7,500	2	3.5	1	1.0	...	...	...	...	...	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Bergen	Burlington	Middlesex	Monmouth	Ocean
AREA						
1 Approximate land area.....acres 1960...	4,813,440	149,120	524,160	199,680	305,280	408,960
2 Land in farms.....acres 1959...	1,379,002	7,456	184,727	42,764	105,548	28,395
3 Drainage projects..... number 1960...	9	...	1	6	3	1
4 1950...	5	1	1	1	2	1
5 Total area in drainage projects ¹ acres served 1960...	11,756	...	2,956	5,050	3,900	750
6 1950...	11,206	4,300	2,956	400	2,800	750
7 Area not used for agriculture or not drained..... acres served 1960...	800	...	...	...	800	...
8 Net area drained and used for agriculture..... acres served 1960...	10,956	...	2,956	5,050	2,200	750
9 Drainage established before 1950..... acres served 1960...	6,106	...	2,956	400	2,000	750
10 Area added, 1950-1959..... acres served 1960...	4,850	...	...	4,650	200	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION						
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...
13 acres served ²..	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	9	...	1	6	3	1
15 acres served ² ..	10,956	...	2,956	5,050	2,200	750
16 Legally organized public drains..... number of projects...	...	...	...	...	...	...
17 acres served ²..	...	...	...	...	...	...
PROJECTS, 1960, BY YEAR STARTED						
18 1960-1959..... number of projects...	5	...	...	5	1	...
19 acres served ² ..	4,650	...	...	4,600	50	...
20 Prior to 1960..... number of projects...	4	...	1	1	2	1
21 acres served ² ..	6,306	...	2,956	450	2,150	750
DRAINAGE OPERATIONS, 1950-1959 ³						
22 Cost of drainage works and services..... projects reporting...	8	...	1	6	3	...
23 dollars...	40,617	...	650	34,117	5,850	...
24 New drainage works constructed, enlarged, or installed..... projects reporting...	7	...	...	6	3	...
25 dollars...	39,967	...	...	34,117	5,850	...
26 Open ditches..... projects reporting...	7	...	...	6	3	...
27 length, miles...	13.6	...	...	11.0	2.6	...
28 Tile or covered drains..... projects reporting...	3	...	...	2	1	...
29 length, miles...	5.0	...	...	4.0	1.0	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	1	...	1	...	...	...
36 dollars...	650	...	650	...	...	...

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	77,766,400	77,767,040	77,767,040	78,401,920	78,401,920
Land in farms..... acres...	46,293,207	47,521,809	38,860,427	30,822,034	24,409,633
Drainage projects..... number...	5	223	7	NA	NA
Total area in drainage projects..... acres served...	31,593	244,961	305,885	176,292	140,219
Area not used for agriculture or not drained..... acres served...	...	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	31,593	NA	¹ 286,890	¹ 151,516	NA
Drainage established 10 years or more before Census date..... acres served...	30,293	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	1,300	NA	NA	NA	NA
Area served by two or more projects..... acres served...	...	...	...	...	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	1	(²)	NA	NA	NA
acres served...	600	(²)	(²)	(²)	NA
Cooperative or mutual drains..... number of projects...	...	(²)	...	...	...
acres served...	...	(²)	...	...	...
Legally organized public drains..... number of projects...	4	² 5	NA	NA	NA
acres served...	30,993	² 52,113	² 172,796	² 59,837	NA
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	4	² 5	NA	NA	NA
acres served...	30,993	² 52,113	298,685	171,552	NA
Started within 10 years of Census date..... number of projects...	1	(²)	NA	NA	NA
acres served...	600	(²)	7,200	4,740	NA
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	5	² 5	NA	NA	NA
dollars...	127,433	74,636	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	2	...	NA	NA	NA
cost, dollars...	70,840	...	NA	NA	NA
Open ditches..... projects reporting...	2	...	NA	NA	NA
length, miles...	6.3	...	NA	NA	NA
Tile or covered drains..... projects reporting...	...	...	NA	NA	NA
length, miles...	...	...	NA	NA	NA
Levees or dikes..... projects reporting...	...	...	NA	NA	NA
length, miles...	...	...	NA	NA	NA
Pumps..... projects reporting...	...	NA	NA	NA	NA
number of pumps...	...	NA	NA	NA	NA
Other (see text)..... projects reporting...	...	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	3	NA	NA	NA	NA
dollars...	56,593	74,636	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	5,722,121	3,279,371	1,710,796
Physical works:					
Open ditches..... length, miles...	NA	NA	625.2	282.9	124.0
Tile drains..... length, miles...	NA	NA	308.9	305.4	282.2
Levees and dikes..... length, miles...	NA	NA	181.3	12.0	...
Pumping units..... number of units...	NA	(²)	...	...	...

NA Not available.

¹Not fully comparable. See text.²1950 figures exclude 218 projects and 192,848 acres in "irrigation enterprises"; 1940 figures exclude 133,089 acres in "irrigation enterprises"; 1930 figures exclude 116,455 acres in "irrigation enterprises."

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	5	31,593	...	4	30,293	2	1,300
2 500 to 999 acres.....	1	600	...	...	...	1	600
3 1,000 to 1,999 acres.....	1	1,000	...	1	300	1	700
4 2,000 to 4,999 acres.....	...	...	...	...	...	...	...
5 5,000 to 9,999 acres.....	2	15,018	...	2	15,018	...	...
6 10,000 to 19,999 acres.....	1	14,975	...	1	14,975	...	...
7 20,000 to 49,999 acres.....	...	...	...	...	...	...	...
8 50,000 to 99,999 acres.....	...	...	...	...	...	...	...
9 100,000 or more acres.....	...	...	...	...	...	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	5	31,593	...	4	30,293	2	1,300
2 Drains owned by one landowner.....	1	600	...	...	...	1	600
3 Cooperative or mutual drains.....	...	...	...	...	...	...	...
4 Legally organized public drains.....	4	30,993	...	4	30,293	1	700

State Table 4.—DRAINAGE PROJECTS, 1960,

Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	5	31,593	...	4	30,293	2	1,300
2 1950-1959.....	1	600	...	...	...	1	600
3 Prior to 1950.....	4	30,993	...	4	30,293	1	700

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. --DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Chaves	Eddy	Valencia	All other counties ¹
AREA					
1 Approximate land area.....acres 1960...	77,766,400	3,900,160	2,664,320	3,620,480	44,256,640
2 Land in farms.....acres 1959...	46,293,207	2,824,518	1,156,260	2,589,724	23,308,134
3 Drainage projects..... number 1960...	5	3	1	1	...
4..... 1950...	223	147	16	3	64
5 Total area in drainage projects ² acres served 1960...	31,593	29,993	600	1,000	...
6..... 1950...	244,961	74,912	21,952	23,428	124,669
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	31,593	29,993	600	1,000	...
9 Drainage established before 1950..... acres served 1960...	30,293	29,993	...	300	...
10 Area added, 1950-1959..... acres served 1960...	1,300	...	600	700	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION					
12 Drains owned by one landowner..... number of projects...	1	...	1	...	...
13..... acres served ³ ..	600	...	600	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	...	...
15..... acres served ³..	...	...	...	...	...
16 Legally organized public drains..... number of projects...	4	3	...	1	...
17..... acres served ³ ..	30,993	29,993	...	1,000	...
PROJECTS, 1960, BY YEAR STARTED					
18 1960-1959..... number of projects...	1	...	1	...	...
19..... acres served ³ ..	600	...	600	...	...
20 Prior to 1950..... number of projects...	4	3	...	1	...
21..... acres served ³ ..	30,993	29,993	...	1,000	...
DRAINAGE OPERATIONS, 1950-1959 ⁴					
22 Cost of drainage works and services..... projects reporting...	5	3	1	1	...
23..... dollars...	127,433	56,593	(⁵)	(⁵)	...
24 New drainage works constructed, enlarged, or installed..... projects reporting...	2	...	(⁵)	(⁵)	...
25..... dollars...	70,840	...	(⁵)	(⁵)	...
26 Open ditches..... projects reporting...	2	...	(⁵)	(⁵)	...
27..... length, miles...	63	...	(⁵)	(⁵)	...
28 Tile or covered drains..... projects reporting...	...	...	...	...	...
29..... length, miles...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...
31..... length, miles...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...
33..... number of pumps...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	3	3	...	...	...
36..... dollars...	56,593	56,593	...	...	...

¹Includes Bernalillo, Colfax, Curry, De Baca, Dona Ana, Lincoln, Luna, McKinley, Mora, Otero, Rio Arriba, Sandoval, San Juan, San Miguel, Santa Fe, Sierra, Socorro, and Taos counties.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

⁵Included in State total only.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres ...	30,680,960	30,684,160	30,674,560	30,498,560	30,498,560
Land in farms..... acres ...	13,489,516	16,016,721	17,170,337	17,979,633	20,632,803
Drainage projects..... number ...	19	14	...	...	...
Total area in drainage projects..... acres served ...	49,616	56,465	...	...	...
Area not used for agriculture or not drained..... acres served ...	...	NA	...	...	...
Not area drained and used for agriculture..... acres served ...	49,616	NA	...	...	...
Drainage established 10 years or more before Census date..... acres served ...	45,165	NA	...	...	...
Drainage established within 10 years of Census date..... acres served ...	4,451	NA	...	...	...
Area served by two or more projects..... acres served ...	...	...	...	...	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects ...	2	5	...	...	...
acres served ...	1,300	2,638	...	...	...
Cooperative or mutual drains..... number of projects ...	13	5	...	...	...
acres served ...	20,071	25,582	...	...	...
Legally organized public drains..... number of projects ...	4	4	...	...	...
acres served ...	28,245	28,245	...	...	...
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects ...	13	6	...	...	...
acres served ...	45,165	29,502	...	...	...
Started within 10 years of Census date..... number of projects ...	6	8	...	...	...
acres served ...	4,451	26,963	...	...	...
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting ...	13	12	...	...	...
dollars ...	202,013	177,224	...	...	...
New drainage works constructed, enlarged, or installed..... projects reporting ...	7	17	...	...	...
cost, dollars ...	86,009	175,119	...	...	...
Open ditches..... projects reporting ...	7	7	...	...	...
length, miles ...	25.5	31	...	...	...
Tile or covered drains..... projects reporting ...	2	...	...	...	...
length, miles ...	19.8	...	...	...	...
Levees or dikes..... projects reporting ...	1	1	...	...	...
length, miles ...	5.5	2	...	...	...
Pumps..... projects reporting ...	1	NA	...	...	...
number of pumps ...	2	NA	...	...	...
Other (see text)..... projects reporting ...	1	NA	...	...	...
Cost of maintenance, operation, repair, and administration..... projects reporting ...	9	NA	...	...	...
dollars ...	116,004	102,105	...	...	...
STATUS ON CENSUS DATE					
Capital investment..... dollars ...	NA	NA	...	...	...
Physical works:					
Open ditches..... length, miles ...	NA	NA	...	...	...
Tile drains..... length, miles ...	NA	NA	...	...	...
Levees and dikes..... length, miles ...	NA	NA	...	...	...
Pumping units..... number of units ...	NA	...	...	...	...

NA Not available.

¹Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	19	49,616	...	13	45,165	6	4,451
2	500 to 999 acres.....	14	8,871	...	9	5,771	5	3,100
3	1,000 to 1,999 acres.....	2	2,351	...	1	1,000	1	1,351
4	2,000 to 4,999 acres.....	...	...	...	...	...	...	...
5	5,000 to 9,999 acres.....	1	8,500	...	1	8,500	...	...
6	10,000 to 19,999 acres.....	2	29,894	...	2	29,894	...	...
7	20,000 to 49,999 acres.....	...	...	...	...	...	...	...
8	50,000 to 99,999 acres.....	...	...	...	...	...	...	...
9	100,000 or more acres.....	...	...	...	...	...	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	19	49,616	...	13	45,165	6	4,451
2	Drains owned by one landowner.....	2	1,300	...	...	...	2	1,300
3	Cooperative or mutual drains.....	13	20,071	...	9	16,920	4	3,151
4	Legally organized public drains.....	4	28,245	...	4	28,245	...	...

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	19	49,616	...	13	45,165	6	4,451
2	1950-1959.....	6	4,451	...	...	...	6	4,451
3	Prior to 1950.....	13	45,165	...	13	45,165	...	...

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
13	202,013	7	86,009	7	25.5	2	19.8	1	5.5	1	2	1	1
8	97,411	5	73,686	5	16.0	2	19.8	...	...	...	...	1	2
2	39,745	2	12,323	2	9.5	...	...	1	5.5	1	2	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	4
1	14,400	...	...	...	...	...	...	...	...	...	...	...	5
2	50,457	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
13	202,013	7	86,009	7	25.5	2	19.8	1	5.5	1	2	1	1
2	24,765	2	24,765	2	3.8	1	0.8	...	...	...	...	1	2
9	126,848	5	61,244	5	21.7	1	19.0	1	5.5	1	2	...	3
2	50,400	...	...	...	...	...	...	...	...	...	...	...	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
13	202,013	7	86,009	7	25.5	2	19.8	1	5.5	1	2	1	1
6	64,231	5	43,009	5	12.5	1	0.8	1	5.5	1	2	1	2
7	137,782	2	43,000	2	13.0	1	19.0	...	...	...	...	...	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Franklin	Genesee	Madison	Monroe	Oneida	Orange	Orleans	Seneca	Steuben	Wayne
AREA											
1 Approximate land area.....acres 1960...	30,680,960	1,078,400	320,640	423,040	430,720	785,280	530,560	253,440	211,200	901,120	388,480
2 Land in farms.....acres 1959...	13,489,516	244,054	239,333	302,334	215,900	408,853	235,153	175,732	132,005	567,380	275,357
3 Drainage projects..... number 1960...	19	1	2	1	3	2	1	2	3	2	5
4	14	...	1	1	1	3	1	2	1	2	4
5 Total area in drainage projects ¹ acres served 1960...	49,616	600	5,137	8,500	1,375	1,670	18,200	8,132	2,395	1,257	2,350
6	56,465	...	4,437	8,500	175	2,970	18,200	8,132	10,944	1,257	1,850
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	49,616	600	5,137	8,500	1,375	1,670	18,200	8,132	2,395	1,257	2,350
9 Drainage established before 1950..... acres served 1960...	45,165	...	4,437	8,500	175	1,670	18,200	8,132	944	1,257	1,850
10 Area added, 1950-1959..... acres served 1960...	4,451	600	700	...	1,200	...	...	...	1,451	...	500
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION											
12 Drains owned by one landowner..... number of projects...	2	1	1	...	...	...	...	...	...	...	...
13	1,300	600	700	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	13	...	1	...	3	1	...	1	3	2	5
15	20,071	...	4,437	...	1,375	1,000	...	7,257	2,395	1,257	2,350
16 Legally organized public drains..... number of projects...	4	...	...	1	...	1	1	1	...	...	...
17	28,245	...	...	8,500	...	670	18,200	875	...	...	...
PROJECTS, 1960, BY YEAR STARTED											
18 1950-1959..... number of projects...	6	1	1	...	2	...	...	...	2	...	1
19	4,451	600	700	...	1,200	...	...	...	1,451	...	500
20 Prior to 1950..... number of projects...	13	...	1	1	1	2	1	2	1	2	4
21	45,165	...	4,437	8,500	175	1,670	18,200	8,132	944	1,257	1,850
DRAINAGE OPERATIONS, 1950-1959 ³											
22 Cost of drainage works and services..... projects reporting...	13	(⁴)	(⁴)	1	2	(⁴)	1	(⁴)	2	(⁴)	2
23	202,013	(⁴)	(⁴)	14,400	7,921	(⁴)	36,000	(⁴)	21,280	(⁴)	10,765
24 New drainage works constructed, enlarged, or installed..... projects reporting...	7	(⁴)	(⁴)	...	2	(⁴)	...	...	1	(⁴)	(⁴)
25	86,009	(⁴)	(⁴)	...	7,921	(⁴)	...	...	6,503	(⁴)	(⁴)
26 Open ditches..... projects reporting...	7	(⁴)	(⁴)	...	2	(⁴)	...	...	1	(⁴)	(⁴)
27	25.5	(⁴)	(⁴)	...	3.2	(⁴)	...	...	3.2	(⁴)	(⁴)
28 Tile or covered drains..... projects reporting...	2	...	(⁴)	...	...	...	...	...	...	(⁴)	...
29	19.8	...	(⁴)	...	...	...	...	...	...	(⁴)	...
30 Levees or dikes..... projects reporting...	1	...	...	...	...	...	...	...	1	...	(⁴)
31	5.5	...	...	...	...	...	...	...	3.2	...	(⁴)
32 Pumps..... projects reporting...	1	...	...	...	...	...	...	...	...	...	(⁴)
33	2	...	...	...	...	...	...	...	...	...	(⁴)
34 Other (see text)..... projects reporting...	1	...	1	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	9	...	1	1	...	1	1	1	2	2	2
36	116,004	...	5,122	14,400	...	10,000	36,000	9,335	14,777	19,425	6,945

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.⁴Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	564	1,417,032	191,600	434	1,162,550	153	254,482
2	500 to 999 acres.....	304	202,778	40,607	229	151,664	79	51,114
3	1,000 to 1,999 acres.....	134	179,749	21,724	102	136,660	37	43,089
4	2,000 to 4,999 acres.....	72	188,866	34,224	59	153,469	20	35,397
5	5,000 to 9,999 acres.....	28	190,996	22,316	21	127,430	11	63,566
6	10,000 to 19,999 acres.....	12	161,601	12,345	9	100,285	6	61,316
7	20,000 to 49,999 acres.....	11	303,597	39,486	11	303,597	...	...
8	50,000 to 99,999 acres.....	3	189,445	20,898	3	189,445	...	...
9	100,000 or more acres.....	...	...	...	...	...	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	564	1,417,032	191,600	434	1,162,550	153	254,482
2	Drains owned by one landowner.....	39	65,426	12,975	22	29,514	22	35,912
3	Cooperative or mutual drains.....	403	485,339	78,714	305	348,840	112	136,499
4	Legally organized public drains.....	122	866,267	99,911	107	784,196	19	82,071

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	564	1,417,032	191,600	434	1,162,550	153	254,482
2	1950-1959.....	186	322,432	52,182	56	77,135	141	245,297
3	Prior to 1950.....	378	1,094,600	139,418	378	1,085,415	12	9,185

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Alexander	Beaufort	Bertie	Bladen	Brunswick	Burke	Cabarrus	Caldwell
AREA									
1 Approximate land area.....acres 1960...	31,402,880	163,200	531,840	443,520	562,560	558,720	323,840	230,400	304,640
2 Land in farms.....acres 1959...	15,887,724	101,237	245,766	227,569	246,423	115,384	87,462	144,822	94,337
3 Drainage projects..... number 1960...	564	4	66	8	6	6	2	5	1
4 1950...	413	4	49	...	4	3	2	5	1
5 Total area in drainage projects ¹ acres served 1960...	1,418,892	3,200	107,389	5,350	14,053	5,320	575	4,192	1,250
6 1950...	1,128,509	3,200	115,136	...	13,036	2,000	575	4,192	1,250
7 Area not used for agriculture or not drained..... acres served 1960...	98,389	...	16,140	...	700	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	1,320,503	3,200	91,249	5,350	13,353	5,320	575	4,192	1,250
9 Drainage established before 1950..... acres served 1960...	1,066,021	3,200	85,484	...	11,453	2,000	575	4,192	1,250
10 Area added, 1950-1959..... acres served 1960...	254,482	...	5,765	5,350	1,900	3,320	...	...	...
11 Area served by two or more projects..... acres served 1960...	95,071	...	20,948	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	39	...	1	4	1	...	...	...	...
13 acres served ² ..	65,426	...	510	2,600	800	...	...	...	...
14 Cooperative or mutual drains.....number of projects...	403	...	59	4	2	6	...	...	...
15 acres served ² ..	485,339	...	66,027	2,750	2,780	5,320	...	...	...
16 Legally organized public drains..... number of projects...	122	4	6	...	3	...	2	5	1
17 acres served ² ..	866,267	3,200	45,878	...	9,773	...	575	4,192	1,250
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959.....number of projects...	186	...	13	8	2	3	...	...	...
19 acres served ² ..	322,432	...	11,973	5,350	1,900	3,320	...	...	...
20 Prior to 1950.....number of projects...	378	4	53	...	4	3	2	5	1
21 acres served ² ..	1,094,600	3,200	100,442	...	11,453	2,000	575	4,192	1,250
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	310	...	38	8	4	3	...	...	...
23 dollars...	2,959,290	...	166,840	29,500	86,185	15,727	...	...	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	219	...	20	8	4	3	...	...	...
25 dollars...	2,187,155	...	80,628	29,500	42,185	14,227	...	...	...
26 Open ditches.....projects reporting...	217	...	20	8	4	3	...	...	...
27 length, miles...	959.0	...	34.9	13.2	31.0	6.7	...	...	...
28 Tile or covered drains.....projects reporting...	1	...	...	...	...	...	...	...	...
29 length, miles...	4.1	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	3	...	...	...	...	...	...	...	...
31 length, miles...	20.7	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	3	...	...	...	...	...	...	...	...
33 number of pumps...	7	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	5	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	130	...	20	...	2	2	...	...	...
36 dollars...	772,135	...	86,212	...	44,000	1,500	...	...	...

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Camden	Carteret	Catawba	Chowan	Cleveland	Columbus	Craven	Cumberland	Currituck
AREA									
1 Approximate land area.....acres 1960...	152,960	340,480	259,840	115,200	298,240	600,960	464,000	423,040	174,720
2 Land in farms.....acres 1959...	51,712	47,008	144,630	67,945	206,087	304,035	142,559	196,617	66,542
3 Drainage projects..... number 1960...	21	9	4	9	1	14	17	13	13
4	18	4	4	2	1	6	15	8	10
5 Total area in drainage projects ¹ acres served 1960...	42,730	28,310	3,792	19,431	14,502	52,977	35,517	45,420	26,875
6	41,710	4,650	3,792	5,650	14,502	40,157	21,613	36,105	15,709
7 Area not used for agriculture or not drained..... acres served 1960...	14,980	6,000	...	1,000	...	...	9,856	...	9,704
8 Net area drained and used for agriculture..... acres served 1960...	27,750	22,310	3,792	18,431	14,502	52,977	25,661	45,420	17,171
9 Drainage established before 1960..... acres served 1960...	26,730	6,150	3,792	5,650	14,502	40,157	25,661	37,005	17,171
10 Area added, 1960-1959..... acres served 1960...	1,020	16,160	...	12,781	...	12,820	...	8,415	...
11 Area served by two or more projects..... acres served 1960...	7,395	1,950	...	...	...	...	700	1,300	900
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	1	2	...	...	...	2	...	...	2
13	500	5,510	...	...	...	3,100	...	...	1,285
14 Cooperative or mutual drains..... number of projects...	18	7	...	2	...	10	12	10	9
15	31,545	18,750	...	1,840	...	13,453	10,815	16,205	9,422
16 Legally organized public drains..... number of projects...	2	...	4	7	1	2	5	3	2
17	3,100	...	3,792	16,591	14,502	36,424	15,546	30,515	7,364
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959..... number of projects...	3	3	...	7	...	8	...	4	2
19	2,070	17,510	...	12,781	...	12,820	...	9,150	1,285
20 Prior to 1960..... number of projects...	18	6	4	2	1	6	17	9	11
21	33,075	6,750	3,792	5,650	14,502	40,157	26,361	37,570	16,786
DRAINAGE OPERATIONS, 1960-1959 ³									
22 Cost of drainage works and services.....projects reporting...	7	8	...	8	...	8	10	11	8
23	37,886	111,091	...	46,857	...	66,650	41,357	75,850	16,946
24 New drainage works constructed, enlarged, or installed.....projects reporting...	4	7	...	5	...	8	4	9	3
25	29,086	87,517	...	26,108	...	66,650	25,370	63,850	4,300
26 Open ditches.....projects reporting...	4	7	...	5	...	8	4	9	3
27	10.1	80.3	...	8.8	...	26.0	14.8	21.5	5.6
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...	...
29 .....	...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31 .....	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 .....	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	4	4	...	3	...	...	8	6	7
36	8,800	23,574	...	20,749	...	...	15,987	12,000	12,646

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. - DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Davidson	Duplin	Edgecombe	Forsyth	Gaston	Gates	Greene	Harnett	Hertford
AREA									
1 Approximate land area.....acres 1960...	349,440	526,080	327,040	271,360	229,120	219,520	172,160	387,840	227,840
2 Land in farms.....acres 1959...	191,376	324,829	261,636	130,077	102,984	98,401	122,323	235,178	113,803
3 Drainage projects..... number 1960...	1	12	14	2	4	8	16	1	4
4 1950...	1	9	11	2	4	4	6	1	...
5 Total area in drainage projects ¹ acres served 1960...	480	21,052	60,294	3,650	3,873	11,865	20,045	6,286	2,650
6 1950...	480	18,872	58,234	3,650	3,873	4,960	11,437	6,286	...
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	3,500	...	...	2,500	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	480	21,052	56,794	3,650	3,873	9,365	20,045	6,286	2,650
9 Drainage established before 1950..... acres served 1960...	480	18,872	54,594	3,650	3,873	5,810	11,437	6,286	...
10 Area added, 1950-1959..... acres served 1960...	...	2,180	2,200	...	...	3,555	8,608	...	2,650
11 Area served by two or more projects..... acres served 1960...	...	...	141	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	4
13 acres served ²...	...	...	...	...	...	...	...	...	2,650
14 Cooperative or mutual drains..... number of projects...	...	11	10	...	...	7	9	...	...
15 acres served ²...	...	9,110	15,535	...	...	6,035	7,518	...	...
16 Legally organized public drains..... number of projects...	1	1	4	2	4	1	7	1	...
17 acres served ² ...	480	11,942	41,400	3,650	3,873	3,330	12,527	6,286	...
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	...	3	4	...	...	3	10	...	4
19 acres served ²...	...	2,180	5,200	...	...	3,385	8,608	...	2,650
20 Prior to 1950..... number of projects...	1	9	10	2	4	5	6	1	...
21 acres served ² ...	480	18,872	51,735	3,650	3,873	5,980	11,437	6,286	...
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services..... projects reporting...	...	4	6	...	...	5	10	...	4
23 dollars...	...	12,100	35,057	...	...	25,476	42,424	...	4,000
24 New drainage works constructed, enlarged, or installed..... projects reporting...	...	3	3	...	...	4	10	...	4
25 dollars...	...	11,600	3,810	...	...	10,708	42,424	...	4,000
26 Open ditches..... projects reporting...	...	3	3	...	...	4	10	...	4
27 length, miles...	...	3.9	1.6	...	...	7.2	19.1	...	2.5
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	...	1	3	...	...	2	...	...	...
36 dollars...	...	500	31,247	...	...	14,768	...	...	...

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Hoke	Hyde	Iredell	Johnston	Jones	Lenoir	Lincoln	McDowell	Martin
AREA									
1 Approximate land area..... acres 1960...	243,840	405,760	378,240	508,800	298,880	250,240	197,120	282,880	307,840
2 Land in farms..... acres 1959...	110,403	79,530	250,786	388,977	105,114	202,180	126,667	65,030	190,287
3 Drainage projects..... number 1960...	1	20	13	1	3	17	3	1	8
4 1950...	1	17	12	...	2	7	3	1	2
5 Total area in drainage projects ¹ acres served 1960...	900	50,220	35,771	1,678	13,845	29,304	6,678	985	43,885
6 1950...	900	32,454	34,397	...	1,100	14,039	6,678	985	1,000
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...	1,500
8 Net area drained and used for agriculture..... acres served 1960...	900	50,220	35,771	1,678	13,845	29,304	6,678	985	42,385
9 Drainage established before 1950..... acres served 1960...	900	37,095	35,771	...	...	14,039	6,678	985	1,000
10 Area added, 1950-1959..... acres served 1960...	...	13,125	...	1,678	13,845	15,265	...	...	41,385
11 Area served by two or more projects..... acres served 1960...	...	5,180	...	...	...	...	...	...	700
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	1	...	...	...	...	...	...	1
13 acres served ²...	...	7,000	...	...	...	...	...	...	1,700
14 Cooperative or mutual drains..... number of projects...	1	15	...	1	2	13	...	...	2
15 acres served ² ...	900	21,078	...	1,678	9,070	20,540	...	...	3,700
16 Legally organized public drains..... number of projects...	...	4	13	...	1	4	3	1	5
17 acres served ²...	...	28,162	35,771	...	4,775	8,764	6,678	985	37,685
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	...	7	...	1	3	10	...	...	6
19 acres served ²...	...	23,272	...	1,678	13,845	15,265	...	...	41,385
20 Prior to 1950..... number of projects...	1	13	13	...	...	7	3	1	2
21 acres served ² ...	900	32,968	35,771	...	...	14,039	6,678	985	1,700
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services..... projects reporting...	(⁴)	17	...	(⁴)	3	13	...	...	6
23 dollars...	(⁴)	374,508	...	(⁴)	129,266	80,449	...	...	267,407
24 New drainage works constructed, enlarged, or installed..... projects reporting...	...	8	...	(⁴)	3	11	...	...	6
25 dollars...	...	317,279	...	(⁴)	129,266	76,604	...	...	267,407
26 Open ditches..... projects reporting...	...	6	...	(⁴)	3	11	...	...	6
27 length, miles...	...	48.4	...	(⁴)	12.6	26.8	...	...	49.7
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	2	...	...	...	...	...	...	...
31 length, miles...	...	13.7	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	2	...	...	...	...	...	...	...
33 number of pumps...	...	5	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	5	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	(⁴)	14	...	...	...	3	...	...	...
36 dollars...	(⁴)	57,229	...	...	...	3,845	...	...	...

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.
⁴Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	Mecklenburg	New Hanover	Pamlico	Pasquotank	Pender	Perquimans	Pitt	Robeson
AREA								
1 Approximate land area.....acres 1960...	346,880	124,160	218,240	146,560	548,480	167,040	419,840	604,160
2 Land in farms.....acres 1959...	141,165	17,912	61,781	71,196	138,542	87,611	304,500	387,700
3 Drainage projects..... number 1960...	1	10	15	24	8	16	75	67
4	1950...	22	...	8	23	6	14	49
5 Total area in drainage projects ¹ acres served 1960...	41,374	7,900	18,958	22,602	27,299	35,002	217,102	108,197
6	1950...	37,649	...	11,481	20,373	25,779	30,385	200,731
7 Area not used for agriculture or not drained..... acres served 1960...	8,867	...	...	...	...	1,000	...	...
8 Net area drained and used for agriculture..... acres served 1960...	32,507	7,900	18,958	22,602	27,299	34,002	217,102	108,197
9 Drainage established before 1950..... acres served 1960...	32,507	...	12,014	21,913	25,779	24,020	200,731	92,430
10 Area added, 1950-1959..... acres served 1960...	...	7,900	6,944	689	1,520	9,982	16,371	15,767
11 Area served by two or more projects..... acres served 1960...	...	...	...	5,856	...	...	32,366	500
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	...	1	2	1	1	6	...
13	acres served ²..	...	1,400	3,900	520	900	4,210	...
14 Cooperative or mutual drains..... number of projects...	...	10	11	18	1	12	48	62
15	acres served ² ..	7,900	13,101	15,092	900	15,902	42,083	65,129
16 Legally organized public drains..... number of projects...	1	...	3	4	6	3	21	5
17	acres served ² ..	32,507	4,457	9,466	25,879	17,200	203,575	43,568
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	...	10	6	3	2	6	26	16
19	acres served ² ..	7,900	6,944	2,731	1,420	11,642	35,617	15,305
20 Prior to 1950..... number of projects...	1	...	9	21	6	10	49	51
21	acres served ² ..	32,507	12,014	25,727	25,879	22,360	214,251	93,392
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services.....projects reporting...	1	10	8	9	4	7	38	21
23	dollars...	227,275	77,800	48,057	13,180	32,700	33,630	100,510
24 New drainage works constructed, enlarged, or installed.....projects reporting...	1	10	6	5	3	6	30	17
25	dollars...	48,000	77,800	46,557	9,863	14,500	32,130	99,560
26 Open ditches.....projects reporting...	1	10	6	5	3	6	30	17
27	length, miles...	3.0	48.2	19.4	8.4	13.8	14.8	80.0
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...
29	length, miles...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...
31	length, miles...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...
33	number of pumps...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	...	2	4	1	1	10	4
36	dollars...	179,275	...	1,500	3,317	18,200	1,500	35,872

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Rowan	Sampson	Scotland	Tyrrell	Washington	Wayne	Wilson
AREA							
1 Approximate land area.....acres 1960...	330,880	616,320	202,880	255,360	215,040	355,200	238,720
2 Land in farms.....acres 1959...	188,436	379,782	90,200	37,641	107,938	258,955	190,678
3 Drainage projects..... number 1960...	6	1	2	13	35	4	3
4 1950...	7	1	2	16	19	2	3
5 Total area in drainage projects ¹ acres served 1960...	76,838	14,436	1,850	25,522	87,523	6,281	3,664
6 1950...	79,629	14,436	1,850	17,842	61,228	5,220	3,664
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	5,000	17,642	...	...
8 Net area drained and used for agriculture..... acres served 1960...	76,838	14,436	1,850	20,522	69,881	6,281	3,664
9 Drainage established before 1950..... acres served 1960...	76,838	14,436	1,850	12,022	56,155	5,220	3,664
10 Area added, 1950-1959..... acres served 1960...	...	...	...	8,500	13,726	1,061	...
11 Area served by two or more projects..... acres served 1960...	640	...	...	...	16,495	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION							
12 Drains owned by one landowner..... number of projects...	...	...	...	...	9	...	...
13 acres served ²...	...	...	...	...	28,841	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	2	10	22	2	2
15 acres served ²...	...	...	1,850	16,880	29,506	1,061	1,864
16 Legally organized public drains..... number of projects...	6	1	...	3	4	2	1
17 acres served ² ...	77,478	14,436	...	3,642	28,029	5,220	1,800
PROJECTS, 1960, BY YEAR STARTED							
18 1950-1959..... number of projects...	...	...	...	4	15	2	...
19 acres served ²...	...	...	...	4,500	39,685	1,061	...
20 Prior to 1950..... number of projects...	6	1	2	9	20	2	3
21 acres served ² ...	77,478	14,436	1,850	16,022	46,691	5,220	3,664
DRAINAGE OPERATIONS, 1950-1959 ³							
22 Cost of drainage works and services..... projects reporting...	1	...	2	8	26	3	1
23 dollars...	600	...	1,100	156,084	342,600	9,055	1,000
24 New drainage works constructed, enlarged, or installed..... projects reporting...	...	...	...	5	12	2	...
25 dollars...	...	...	...	77,670	227,250	7,555	...
26 Open ditches..... projects reporting...	...	...	...	5	12	2	...
27 length, miles...	...	...	...	29.1	259.0	3.8	...
28 Tile or covered drains..... projects reporting...	...	...	...	...	1	...	...
29 length, miles...	...	...	...	...	4.1	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	1	...	...
31 length, miles...	...	...	...	...	7.0	...	...
32 Pumps..... projects reporting...	...	...	...	...	1	...	...
33 number of pumps...	...	...	...	...	2	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	1	...	2	5	19	1	1
36 dollars...	600	...	1,100	78,414	115,350	1,500	1,000

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area.....acres...	44,452,480	44,836,480	44,834,560	44,917,120	44,917,120
Land in farms.....acres...	41,465,717	41,194,044	37,936,136	38,657,894	36,214,751
Drainage projects.....number...	161	21	¹ 141	NA	NA
Total area in drainage projects.....acres served...	1,642,543	1,572,220	1,376,041	1,094,142	1,240,328
Area not used for agriculture or not drained.....acres served...	1,360	NA	NA	NA	NA
Net area drained and used for agriculture.....acres served...	1,641,183	NA	² 1,322,573	² 1,094,114	NA
Drainage established 10 years or more before Census date.....acres served...	1,517,023	NA	NA	NA	NA
Drainage established within 10 years of Census date.....acres served...	124,160	NA	NA	NA	NA
Area served by two or more projects.....acres served...	87,840	NA	464,740	89,240	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner.....number of projects...	...	⁽³⁾	NA	NA	...
.....acres served...	...	⁽³⁾	⁽³⁾	⁽³⁾	...
Cooperative or mutual drains.....number of projects...	144	⁽³⁾
.....acres served...	200,630	⁽³⁾
Legally organized public drains.....number of projects...	17	³ 15	NA	NA	NA
.....acres served...	1,531,553	³ 1,565,055	³ 1,356,113	³ 1,088,053	1,240,328
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date.....number of projects...	134	NA	NA	NA	NA
.....acres served...	1,676,633	NA	1,376,041	1,064,423	875,054
Started within 10 years of Census date.....number of projects...	27	NA	...	NA	NA
.....acres served...	55,550	NA	...	29,719	365,274
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services.....projects reporting...	41	13	NA	NA	NA
.....dollars...	1,672,790	890,373	NA	NA	NA
New drainage works constructed, enlarged, or installed.....projects reporting...	37	⁴ 6	NA	NA	NA
.....cost, dollars...	649,652	⁴ 245,364	NA	NA	NA
Open ditches.....projects reporting...	35	6	NA	NA	NA
.....length, miles...	168.5	94	NA	NA	NA
Tile or covered drains.....projects reporting...	...	...	NA	NA	NA
.....length, miles...	...	...	NA	NA	NA
Levees or dikes.....projects reporting...	1	...	NA	NA	NA
.....length, miles...	3.5	...	NA	NA	NA
Pumps.....projects reporting...	...	NA	NA	NA	NA
.....number of pumps...	...	NA	NA	NA	NA
Other (see text).....projects reporting...	2	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration.....projects reporting...	13	13	NA	NA	NA
.....dollars...	1,023,138	645,009	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment.....dollars...	NA	NA	3,673,336	3,148,919	2,208,049
Physical works:					
Open ditches.....length, miles...	NA	NA	940.4	817.6	708.3
Tile drains.....length, miles...	NA	NA	10.4	9.6	9.3
Levees and dikes.....length, miles...	NA	NA	...	...	2.1
Pumping units.....number of units...	NA	NA	...	...	...

NA Not available.

¹In 1940, each county drain was counted as a separate project. See text.

²Not fully comparable. See text.

³In 1950, all projects included with county drains except 6 counties and 7,165 acres from Census of Irrigation; in 1940, figures exclude 19,928 acres in "irrigation enterprises"; in 1930, figures exclude 6,089 acres in "irrigation enterprises."

⁴Cost of new works for land not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	161	1,732,183	178,840	144	1,608,023	29	124,160
2	500 to 999 acres.....	78	52,640	22,690	67	45,090	11	7,550
3	1,000 to 1,999 acres.....	45	62,610	23,680	43	57,170	4	5,440
4	2,000 to 4,999 acres.....	19	56,660	31,670	16	46,940	4	9,720
5	5,000 to 9,999 acres.....	9	63,648	14,400	8	47,428	3	16,220
6	10,000 to 19,999 acres.....	1	18,176	...	1	18,176	...	...
7	20,000 to 49,999 acres.....	2	87,228	2,800	2	69,820	1	17,408
8	50,000 to 99,999 acres.....	1	59,309	1,440	1	59,069	1	240
9	100,000 or more acres.....	6	1,331,912	82,160	6	1,264,330	5	67,582

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	161	1,732,183	178,840	144	1,608,023	29	124,160
2	Drains owned by one landowner.....	...	...	...	...	...	...	...
3	Cooperative or mutual drains.....	144	200,630	89,680	128	169,880	18	30,750
4	Legally organized public drains.....	17	1,531,553	89,160	16	1,438,143	11	93,410

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	161	1,732,183	178,840	144	1,608,023	29	124,160
2	1960-1969.....	27	55,550	13,960	10	19,080	21	36,470
3	Prior to 1960.....	134	1,676,633	164,880	134	1,588,943	8	87,690

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
41	1,672,790	37	649,652	35	168.5	...	...	1	3.5	...	...	2	1
15	40,845	15	40,645	15	30.2	...	...	...	...	...	...	...	2
6	21,944	4	18,244	4	11.2	...	...	...	...	...	...	...	3
6	27,648	6	27,648	6	23.0	...	...	...	...	...	...	...	4
5	125,443	3	80,996	3	21.4	...	...	...	...	...	...	...	5
1	22,340	1	20,000	...	...	...	...	...	...	...	...	...	6
1	62,731	1	58,637	1	20.7	...	...	...	...	...	...	...	7
1	14,893	1	6,059	1	4.7	...	...	...	...	...	...	...	8
6	1,356,946	6	397,423	5	57.3	...	...	1	3.5	...	...	1	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
41	1,672,790	37	649,652	35	168.5	...	...	1	3.5	...	...	2	1
...	...	...	...	...	...	...	...	...	...	...	...	...	2
26	113,219	24	109,319	24	68.7	...	...	...	...	...	...	...	3
15	1,559,571	13	540,333	11	99.8	...	...	1	3.5	...	...	2	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
41	1,672,790	37	649,652	35	168.5	...	...	1	3.5	...	...	2	1
27	158,137	27	157,937	27	82.3	...	...	...	...	...	...	...	2
14	1,514,653	10	491,715	8	86.2	...	...	1	3.5	...	...	2	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Barnes	Benson	Bottineau	Cass	Cavalier	Grand Forks	LaMoure	McHenry
AREA									
1 Approximate land area.....acres 1960...	44,452,480	945,920	903,680	1,087,360	1,119,360	968,320	920,320	727,680	1,209,600
2 Land in farms.....acres 1959...	41,465,717	927,852	811,326	1,003,165	1,101,422	929,113	865,313	718,172	1,113,455
3 Drainage projects..... number 1960...	161	1	2	1	45	1	18	1	1
4 1950...	21	1	...	1	1	1	1	1	1
5 Total area in drainage projects ¹.....acres served 1960...	1,642,543	5,420	1,100	46,592	384,238	5,504	149,164	3,680	6,724
6 1950...	1,572,220	2,960	...	50,688	336,918	5,504	137,472	3,680	10,920
7 Area not used for agriculture or not drained.....acres served 1960...	1,360	...	...	...	1,360	...	...	...	...
8 Net area drained and used for agriculture.....acres served 1960...	1,641,183	5,420	1,100	46,592	382,878	5,504	149,164	3,680	6,724
9 Drainage established before 1950.....acres served 1960...	1,517,023	2,960	...	29,184	334,628	5,504	137,472	3,680	6,724
10 Area added, 1950-1959.....acres served 1960...	124,160	2,460	1,100	17,408	48,250	...	11,692	...	...
11 Area served by two or more projects.....acres served 1960...	87,840	...	...	...	45,520	...	12,360	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	...
13 acres served ²..	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains.....number of projects...	144	...	2	...	44	...	16	...	...
15 acres served ² ..	200,630	...	1,100	...	98,070	...	21,530	...	...
16 Legally organized public drains..... number of projects...	17	1	...	1	1	1	2	1	1
17 acres served ² ..	1,531,553	5,420	...	46,592	332,248	5,504	141,234	3,680	6,724
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	27	...	2	...	8	...	7	...	...
19 acres served ² ..	55,550	...	1,100	...	25,420	...	8,280	...	...
20 Prior to 1950..... number of projects...	134	1	...	1	37	1	11	1	1
21 acres served ² ..	1,676,633	5,420	...	46,592	404,898	5,504	154,484	3,680	6,724
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	41	1	2	1	9	1	9	...	1
23 dollars...	1,672,790	9,596	1,814	62,731	376,437	12,764	159,678	...	31,683
24 New drainage works constructed, enlarged, or installed.....projects reporting...	37	1	2	1	9	...	8	...	...
25 dollars...	649,652	9,596	1,614	58,637	276,099	...	75,678	...	...
26 Open ditches.....projects reporting...	35	1	2	1	9	...	8	...	...
27 length, miles...	168.5	3.5	1.3	20.7	53.5	...	23.3	...	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	1	...	...	...	...	...	...	...	...
31 length, miles...	3.5	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	2	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	13	...	1	1	1	1	2	...	1
36 dollars...	1,023,138	...	200	4,094	100,338	12,764	84,000	...	31,683

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. --DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Femina	Ramsey	Ransom	Richland	Sargent	Steele	Traill	Walsh	All other counties ¹
AREA									
1 Approximate land area.....acres 1960...	719,360	776,960	552,320	928,000	547,200	454,400	551,040	823,680	8,651,520
2 Land in farms.....acres 1959...	690,735	752,948	476,584	853,270	514,375	441,175	531,713	816,445	7,943,567
3 Drainage projects.....number 1960...	5	1	5	36	3	2	25	14	...
4 1950...	1	1	1	1	1	...	1	1	7
5 Total area in drainage projects ².....acres served 1960...	255,959	18,176	41,216	305,114	158,451	1,400	193,006	66,799	...
6 1950...	243,139	18,176	41,216	291,234	158,451	...	177,816	63,329	30,717
7 Area not used for agriculture or not drained.....acres served 1960...	...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture.....acres served 1960...	255,959	18,176	41,216	305,114	158,451	1,400	193,006	66,799	...
9 Drainage established before 1950.....acres served 1960...	243,139	18,176	41,216	293,834	158,451	...	177,816	64,239	...
10 Area added, 1950-1959.....acres served 1960...	12,820	...	...	11,280	...	1,400	15,190	2,560	...
11 Area served by two or more projects.....acres served 1960...	1,000	...	2,800	14,560	640	...	9,360	1,600	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner.....number of projects...	...	...	...	...	...	...	...	...	...
13 acres served ³..	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains.....number of projects...	4	...	4	35	2	2	22	13	...
15 acres served ³ ..	4,640	...	3,380	39,190	1,240	1,400	20,990	9,090	...
16 Legally organized public drains.....number of projects...	1	1	1	1	1	...	3	1	...
17 acres served ³ ..	252,319	18,176	40,636	280,484	157,851	...	181,376	59,309	...
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959.....number of projects...	...	...	...	2	...	2	4	2	...
19 acres served ³..	...	...	...	5,120	...	1,400	11,910	2,320	...
20 Prior to 1950.....number of projects...	5	1	5	34	3	...	21	12	...
21 acres served ³ ..	256,959	18,176	44,016	314,554	159,091	...	190,456	66,079	...
DRAINAGE OPERATIONS, 1960-1959 ⁴									
22 Cost of drainage works and services.....projects reporting...	1	1	...	3	1	2	6	3	...
23 dollars...	488,272	22,340	...	195,265	2,998	5,999	281,501	21,712	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	1	1	...	3	1	2	5	3	...
25 dollars...	47,024	20,000	...	42,473	2,998	5,999	96,656	12,878	...
26 Open ditches.....projects reporting...	1	...	...	3	...	2	5	3	...
27 length, miles...	15.2	...	...	13.9	...	5.0	23.5	8.6	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	1	...	...	...	...
31 length, miles...	...	...	...	...	3.5	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	1	...	...	1	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	1	...	1	...	...	2	1	...
36 dollars...	441,248	2,340	...	152,792	...	...	184,845	8,834	...

¹Includes Divide, Grant, McKenzie, Morton, Mountreil, Ward, and Williams counties.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area.....acres...	26,222,080	26,240,000	26,318,080	26,073,600	26,073,600
Land in farms.....acres...	18,506,796	20,969,411	21,907,523	21,514,059	23,515,888
Drainage projects.....number...	142	63	¹ 11,530	NA	NA
Total area in drainage projects.....acres served...	8,904,907	8,923,362	7,729,267	8,165,494	8,107,204
Area not used for agriculture or not drained.....acres served...	95,492	NA	NA	NA	NA
Net area drained and used for agriculture.....acres served...	8,809,415	NA	² 7,173,937	² 8,132,973	NA
Drainage established 10 years or more before Census date.....acres served...	8,747,745	NA	NA	NA	NA
Drainage established within 10 years of Census date.....acres served...	61,670	NA	NA	NA	NA
Area served by two or more projects.....acres served...	64,162	NA	17,482,794	15,845,135	15,357,608
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner.....number of projects...	3	³	...	...	NA
acres served ⁴ ...	2,424	³	...	...	⁴ 7,736
Cooperative or mutual drains.....number of projects...	76	³	...	...	...
acres served ⁵ ...	88,555	³	...	...	...
Legally organized public drains.....number of projects...	63	³ 63	NA	NA	NA
acres served ⁵ ...	8,782,878	³ 8,923,362	7,729,267	8,165,494	⁴ 8,097,553
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date.....number of projects...	79	NA	NA	NA	NA
acres served...	8,805,054	NA	6,404,904	7,784,986	⁵ 7,161,648
Started within 10 years of Census date.....number of projects...	63	NA	NA	NA	NA
acres served...	68,803	NA	1,324,363	380,508	⁵ 943,200
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services.....projects reporting...	113	54	NA	NA	NA
dollars...	8,268,377	6,189,421	NA	NA	NA
New drainage works constructed, enlarged, or installed.....projects reporting...	53	⁶ 8	NA	NA	NA
cost, dollars...	267,635	⁶ 147,941	NA	NA	NA
Open ditches.....projects reporting...	47	8	NA	NA	NA
length, miles...	57.3	38	NA	NA	NA
Tile or covered drains.....projects reporting...	18	5	NA	NA	NA
length, miles...	68.7	7	NA	NA	NA
Levees or dikes.....projects reporting...	...	...	NA	NA	NA
length, miles...	...	...	NA	NA	NA
Pumps.....projects reporting...	...	NA	NA	NA	NA
number of pumps...	...	NA	NA	NA	NA
Other (see text).....projects reporting...	6	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration.....projects reporting...	77	53	NA	NA	NA
dollars...	8,000,742	6,041,480	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment.....dollars...	NA	NA	35,215,586	36,836,449	30,680,145
Physical works:					
Open ditches.....length, miles...	NA	NA	18,732.2	25,048.2	24,984.0
Tile drains.....length, miles...	NA	NA	10,163.9	9,371.6	9,205.3
Levees and dikes.....length, miles...	NA	NA	5.2	0.3	9.6
Pumping units.....number of units...	NA	NA	...	1	NA

NA Not available.

¹In 1940, each county drain was counted as a separate project. See text.²Not fully comparable. See text.³All projects in 1950 included with county drains. See text.⁴1920 figures exclude 1,915 acres for which type of organization was not reported.⁵1920 figures exclude 2,356 acres for which date of organization was not reported.⁶Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	142	8,873,857	128,604	122	8,812,187	38	61,670
2	500 to 999 acres.....	46	31,479	19,244	32	21,537	18	9,942
3	1,000 to 1,999 acres.....	28	38,053	26,658	23	30,623	7	7,430
4	2,000 to 4,999 acres.....	13	42,520	18,540	12	39,520	2	3,000
5	5,000 to 9,999 acres.....	1	5,536	...	1	5,536	...	...
6	10,000 to 19,999 acres.....	8	118,498	...	8	117,818	1	680
7	20,000 to 49,999 acres.....	6	238,003	9,880	6	232,474	2	5,529
8	50,000 to 99,999 acres.....	7	532,618	10,171	7	519,504	2	13,114
9	100,000 or more acres.....	33	7,867,150	44,111	33	7,845,175	6	21,975

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	142	8,873,857	128,604	122	8,812,187	38	61,670
2	Drains owned by one landowner.....	3	2,424	1,924	3	2,424	...	...
3	Cooperative or mutual drains.....	76	88,555	62,518	56	68,183	27	20,372
4	Legally organized public drains.....	63	8,782,878	64,162	63	8,741,580	11	41,298

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	142	8,873,857	128,604	122	8,812,187	38	61,670
2	1950-1959.....	63	68,803	47,911	43	49,411	25	19,392
3	Prior to 1950.....	79	8,805,054	80,693	79	8,762,776	13	42,278

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
113	8,268,377	53	267,635	47	57.3	18	68.7	...	...	...	...	6	1
36	211,169	29	141,975	27	34.0	9	58.7	...	...	...	...	4	2
24	65,459	16	30,665	15	14.1	1	1.0	...	...	...	...	1	3
7	33,667	2	7,740	1	0.6	2	0.7	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	5
2	267,672	...	...	...	...	...	...	...	...	...	...	...	6
4	124,744	1	6,402	1	1.4	1	0.1	...	...	...	...	...	7
7	252,009	1	22,500	1	6.0	1	1.7	...	...	...	...	...	8
33	7,313,657	4	58,353	2	1.2	4	6.5	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
113	8,268,377	53	267,635	47	57.3	18	68.7	...	...	...	...	6	1
2	76,900	2	40,900	2	2.3	1	37.7	...	...	...	...	...	2
65	233,395	45	139,480	41	46.4	11	22.7	...	...	...	...	5	3
46	7,958,082	6	87,255	4	8.6	6	8.3	...	...	...	...	1	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
113	8,268,377	53	267,635	47	57.3	18	68.7	...	...	...	...	6	1
62	220,250	44	139,300	40	45.4	11	22.7	...	...	...	...	5	2
51	8,048,127	9	128,335	7	11.9	7	46.0	...	...	...	...	1	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Allen	Ashland	Ash- hula	Auglaize	Brown	Butler	Cham- paign	Clark
AREA									
1 Approximate land area.....acres 1960...	26,222,080	262,400	267,520	451,840	256,000	314,240	301,440	277,120	257,280
2 Land in farms.....acres 1959...	18,506,796	206,047	214,151	243,120	232,589	269,075	219,987	247,776	211,762
8 Drainage projects..... number 1960...	142	1	1	1	2	6	2	9	6
4 1950...	63	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	8,904,907	215,018	11,059	45,000	247,223	8,005	4,581	174,245	43,958
6 1950...	8,923,362	227,520	11,059	45,000	247,223	4,059	3,941	165,376	31,248
7 Area not used for agriculture or not drained..... acres served 1960...	95,492	...	...	2,880	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	8,809,415	215,018	11,059	42,120	247,223	8,005	4,581	174,245	43,958
9 Drainage established before 1950..... acres served 1960...	8,747,745	215,018	11,059	42,120	247,223	4,059	3,941	168,046	35,173
10 Area added, 1950-1959..... acres served 1960...	61,670	...	...	...	...	3,946	640	6,199	8,785
11 Area served by two or more projects..... acres served 1960...	64,162	...	...	...	600	...	...	10,482	500
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	3	...	...	...	...	...	...	...	...
18 acres served ² ...	2,424	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	76	...	...	...	1	5	1	8	5
15 acres served ² ...	88,555	...	...	...	600	3,946	640	13,492	5,296
16 Legally organized public drains..... number of projects...	63	1	1	1	1	1	1	1	1
17 acres served ² ...	8,782,878	215,018	11,059	42,120	247,223	4,059	3,941	171,235	39,162
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1969..... number of projects...	63	...	...	...	1	5	1	5	4
19 acres served ² ...	68,803	...	...	...	600	3,946	640	5,662	3,611
20 Prior to 1960..... number of projects...	79	1	1	1	1	1	1	4	2
21 acres served ² ...	8,805,054	215,018	11,059	42,120	247,223	4,059	3,941	179,065	40,847
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services..... projects reporting...	113	1	1	...	2	5	(⁴)	9	6
23 dollars...	8,268,377	408,095	257,626	...	215,048	15,327	(⁴)	59,772	91,481
24 New drainage works constructed, enlarged, or installed..... projects reporting...	53	...	...	...	(⁴)	5	(⁴)	4	5
25 dollars...	267,635	...	...	...	(⁴)	15,327	(⁴)	11,779	10,750
26 Open ditches..... projects reporting...	47	...	...	...	...	5	(⁴)	3	5
27 length, miles...	57.3	...	...	...	...	11.4	(⁴)	2.2	3.7
28 Tile or covered drains..... projects reporting...	18	...	...	...	(⁴)	...	...	2	2
29 length, miles...	68.7	...	...	...	(⁴)	...	...	2.2	5.0
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	6	...	...	...	(⁴)	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	77	1	1	...	(⁴)	...	...	9	4
36 dollars...	8,000,742	408,095	257,626	...	(⁴)	...	...	47,993	80,731

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.⁴Included in State total only.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Clermont	Clinton	Crawford	Cuyahoga	Darke	Defiance	Delaware	Erie	Fairfield
AREA									
1 Approximate land area.....acres 1960...	293,120	263,040	258,560	291,840	387,200	262,400	281,600	168,960	323,200
2 Land in farms.....acres 1959...	174,283	237,121	234,868	19,889	359,523	235,195	235,397	114,018	267,340
8 Drainage projects..... number 1960...	1	3	3	1	1	1	4	1	3
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	2,130	96,882	157,472	16,640	387,200	253,952	189,440	125,512	48,890
6 1950...	2,130	96,882	152,072	33,280	387,200	241,152	189,056	128,512	46,365
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	680	...	1,400	...	...	...	2,080
8 Net area drained and used for agriculture..... acres served 1960...	2,130	96,882	156,792	16,640	385,800	253,952	189,440	125,512	46,810
9 Drainage established before 1950..... acres served 1960...	2,130	96,882	150,392	16,640	385,800	253,952	189,056	125,512	46,810
10 Area added, 1950-1959..... acres served 1960...	...	...	6,400	...	...	...	384	...	...
11 Area served by two or more projects..... acres served 1960...	...	2,454	3,274	...	...	...	2,724	...	2,700
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	1	...	...	...	...	...	...
13 acres served ²...	...	...	824	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	2	1	...	...	...	3	...	2
15 acres served ²...	...	2,454	2,450	...	...	...	3,004	...	2,700
16 Legally organized public drains..... number of projects...	1	1	1	1	1	1	1	1	1
17 acres served ² ...	2,130	96,882	156,792	16,640	385,800	253,952	189,440	125,512	46,810
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	...	2	1	...	...	...	1	...	1
19 acres served ²...	...	2,454	2,450	...	...	...	1,700	...	1,200
20 Prior to 1950..... number of projects...	1	1	2	1	1	1	3	1	2
21 acres served ² ...	2,130	96,882	157,616	16,640	385,800	253,952	190,744	125,512	48,310
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services..... projects reporting...	...	3	2	...	1	1	2	1	1
23 dollars...	...	32,861	104,634	...	38,000	155,178	35,999	53,414	2,925
24 New drainage works constructed, enlarged, or installed..... projects reporting...	...	3	...	...	...	...	...	...	...
25 dollars...	...	28,642	...	...	...	...	...	...	...
26 Open ditches..... projects reporting...	...	3	...	...	...	...	...	...	...
27 length, miles...	...	7.6	...	...	...	...	...	...	...
28 Tile or covered drains..... projects reporting...	...	1	...	...	...	...	...	...	...
29 length, miles...	...	1.7	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	...	1	2	...	1	1	2	1	1
36 dollars...	...	4,219	104,634	...	38,000	155,178	35,999	53,414	2,925

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	Fayette	Franklin	Fulton	Geauga	Greene	Hancock	Hardin	Henry	Holmes
AREA									
1 Approximate land area.....acres 1960...	259,840	343,680	260,480	260,480	266,240	340,480	298,880	266,240	270,720
2 Land in farms.....acres 1959...	251,643	198,660	245,550	115,563	218,783	323,038	262,170	250,069	222,446
3 Drainage projects..... number 1960...	1	1	1	1	5	1	2	1	1
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	252,992	290,300	256,371	4,397	46,489	335,083	298,880	264,140	5,536
6 1950...	252,992	292,860	256,371	4,397	43,804	335,883	298,880	264,140	5,536
7 Area not used for agriculture or not drained..... acres served 1960...	1,600	27,872	...	...	...	...	1,760	...	...
8 Net area drained and used for agriculture..... acres served 1960...	251,392	262,428	256,371	4,397	46,489	335,083	297,120	264,140	5,536
9 Drainage established before 1950..... acres served 1960...	251,392	262,428	256,371	4,397	45,674	335,083	297,120	264,140	5,536
10 Area added, 1950-1959..... acres served 1960...	...	...	...	...	815	...	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	6,680	...	1,100	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	...
13 acres served ²...	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	...	4	...	1	...	...
15 acres served ²...	...	...	...	...	7,450	...	1,100	...	...
16 Legally organized public drains..... number of projects...	1	1	1	1	1	1	1	1	1
17 acres served ² ...	251,392	262,428	256,371	4,397	45,719	335,083	297,120	264,140	5,536
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959..... number of projects...	...	...	...	...	2	...	1	...	...
19 acres served ²...	...	...	...	...	2,200	...	1,100	...	...
20 Prior to 1950..... number of projects...	1	1	1	1	3	1	1	1	1
21 acres served ² ...	251,392	262,428	256,371	4,397	50,969	335,083	297,120	264,140	5,536
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	1	1	1	...	3	1	2	1	...
23 dollars...	61,950	62,914	358,762	...	16,650	349,499	250,456	256,716	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	...	...	...	3	...	2	...	...
25 dollars...	...	...	...	...	11,402	...	3,992	...	...
26 Open ditches.....projects reporting...	...	...	...	...	3	...	...	...	...
27 length, miles...	...	...	...	...	3.9	...	...	...	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	1	...	1	...	...
29 length, miles...	...	...	...	...	0.1	...	0.7	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	2	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	1	1	...	1	1	1	1	...
36 dollars...	61,950	62,914	358,762	...	5,248	349,499	246,464	256,716	...

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. - DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	Huron	Knox	Licking	Logan	Lorain	Lucas	Madison	Mahoning	Marion
AREA									
1 Approximate land area..... acres 1960...	318,080	334,720	439,040	295,040	316,800	219,520	296,960	268,160	259,200
2 Land in farms..... acres 1959...	271,221	267,942	322,017	247,875	192,656	100,885	277,601	120,877	225,069
3 Drainage projects..... number 1960...	6	1	3	3	2	1	5	1	4
4 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	99,509	13,286	79,283	246,871	190,165	178,843	270,216	1,720	248,472
6 1950...	98,584	13,286	79,283	246,871	190,165	178,843	261,216	1,720	246,392
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	9,600	36,440	...	...	1,440
8 Net area drained and used for agriculture..... acres served 1960...	99,509	13,286	79,283	246,871	180,565	142,403	270,216	1,720	247,032
9 Drainage established before 1950..... acres served 1960...	98,984	13,286	79,283	246,871	180,565	142,403	270,216	1,720	244,952
10 Area added, 1950-1959..... acres served 1960...	525	...	...	...	...	...	...	...	2,080
11 Area served by two or more projects..... acres served 1960...	2,837	...	1,850	4,345	850	...	3,150	...	1,882
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	...
13 acres served ²...	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	5	...	2	2	1	...	4	...	3
15 acres served ² ...	3,362	...	1,850	4,345	850	...	3,150	...	1,882
16 Legally organized public drains..... number of projects...	1	1	1	1	1	1	1	1	1
17 acres served ² ...	98,984	13,286	79,283	246,871	180,565	142,403	270,216	1,720	247,032
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	5	...	2	2	1	...	4	...	...
19 acres served ² ...	3,362	...	1,850	4,345	850	...	3,150	...	...
20 Prior to 1950..... number of projects...	1	1	1	1	1	1	1	1	4
21 acres served ² ...	98,984	13,286	79,283	246,871	180,565	142,403	270,216	1,720	248,914
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services..... projects reporting...	6	...	3	3	2	1	5	...	1
23 dollars...	98,024	...	22,143	172,988	110,379	927,528	121,201	...	141,369
24 New drainage works constructed, enlarged, or installed..... projects reporting...	2	...	...	...	(⁴)	...	4	...	...
25 dollars...	9,900	...	...	...	(⁴)	...	27,079	...	...
26 Open ditches..... projects reporting...	2	...	...	...	(⁴)	...	3	...	...
27 length, miles...	0.9	...	...	...	(⁴)	...	1.8	...	...
28 Tile or covered drains..... projects reporting...	1	...	...	...	...	...	2	...	...
29 length, miles...	9.1	...	...	...	...	...	2.3	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	4	...	3	3	(⁴)	1	2	...	1
36 dollars...	88,124	...	22,143	172,988	(⁴)	927,528	94,122	...	141,369

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.⁴Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Medina	Mercer	Miami	Montgomery	Morrow	Muskingum	Ottawa	Paulding	Perry
AREA									
1 Approximate land area.....acres 1960...	271,360	290,560	260,480	297,600	258,560	424,320	168,320	266,240	261,760
2 Land in farms.....acres 1959...	174,970	280,793	220,429	174,466	223,076	276,555	120,097	244,117	138,392
3 Drainage projects..... number 1960...	1	4	2	6	1	1	1	1	1
4..... 1950...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	16,825	287,060	189,176	61,260	82,179	1,500	138,583	262,690	2,743
6..... 1950...	17,355	287,060	185,344	60,160	80,859	1,500	139,993	262,690	2,743
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	16,825	287,060	189,176	61,260	82,179	1,500	138,583	262,690	2,743
9 Drainage established before 1950..... acres served 1960...	16,825	287,060	185,344	60,160	80,859	1,500	138,583	262,690	2,743
10 Area added, 1950-1959..... acres served 1960...	...	...	3,832	1,100	1,320	...	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	1,979	...	3,030	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	1	...	...	...	...	...
13..... acres served ²..	...	...	...	1,100	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	3	1	4	...	...	...	...	...
15..... acres served ²..	...	1,979	600	3,030	...	...	...	...	...
16 Legally organized public drains..... number of projects...	1	1	1	1	1	1	1	1	1
17..... acres served ² ..	16,825	287,060	188,576	60,160	82,179	1,500	138,583	262,690	2,743
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	...	1	1	5	...	...	...	...	...
19..... acres served ²..	...	578	600	4,130	...	...	...	...	...
20 Prior to 1950..... number of projects...	1	3	1	1	1	1	1	1	1
21..... acres served ² ..	16,825	288,461	188,576	60,160	82,179	1,500	138,583	262,690	2,743
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	...	2	2	6	1	...	1	1	...
23..... dollars...	...	530,031	98,964	36,670	21,505	...	106,509	233,370	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	...	(⁴)	5	...	...	...	...	...
25..... dollars...	...	...	(⁴)	15,170	...	...	...	...	...
26 Open ditches.....projects reporting...	...	...	(⁴)	5	...	...	...	...	...
27..... length, miles...	...	...	(⁴)	4.7	...	...	...	...	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...	...
29..... length, miles...	...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31..... length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33..... number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	1	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	...	2	(⁴)	1	1	...	1	1	...
36..... dollars...	...	530,031	(⁴)	21,500	21,505	...	106,509	233,370	...

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.⁴Included in State total only.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Pickaway	Portage	Preble	Putnam	Richland	Ross	Sandusky	Seneca	Shelby
AREA									
1 Approximate land area.....acres 1960...	324,480	322,560	273,280	311,040	318,080	439,680	262,400	352,640	261,760
2 Land in farms.....acres 1959...	306,774	162,106	239,417	294,286	215,858	324,268	233,981	324,987	233,617
8 Drainage projects..... number 1960...	5	1	3	1	1	5	1	1	7
4 1960...	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	50,146	21,646	216,384	311,040	57,614	3,033	243,776	207,104	207,872
6 1960...	44,646	21,146	216,384	386,753	45,820	583	243,776	207,104	207,872
7 Area not used for agriculture or not drained..... acres served 1960...	...	600	720	...	500	...	720	...	...
8 Net area drained and used for agriculture..... acres served 1960...	50,146	21,046	215,664	311,040	57,114	3,033	243,056	207,104	207,872
9 Drainage established before 1960..... acres served 1960...	44,646	21,046	215,664	311,040	45,320	583	243,056	207,104	207,872
10 Area added, 1960-1959..... acres served 1960...	5,500	...	...	...	11,794	2,450	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	2,732	...	...	...	...	...	8,499
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	...
18 acres served ²...	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	4	...	2	...	...	4	...	...	6
15 acres served ² ...	7,000	...	2,732	...	...	2,450	...	...	8,499
16 Legally organized public drains..... number of projects...	1	1	1	1	1	1	1	1	1
17 acres served ² ...	43,146	21,046	215,664	311,040	57,114	583	243,056	207,104	207,872
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959..... number of projects...	4	...	2	...	...	4	...	...	6
19 acres served ² ...	7,000	...	2,732	...	...	2,450	...	...	8,499
20 Prior to 1960..... number of projects...	1	1	1	1	1	1	1	1	1
21 acres served ² ...	43,146	21,046	215,664	311,040	57,114	583	243,056	207,104	207,872
DRAINAGE OPERATIONS, 1950-1959 ³									
22 Cost of drainage works and services.....projects reporting...	4	1	3	1	1	4	1	1	7
23 dollars...	12,940	32,000	14,403	297,881	52,787	8,010	326,179	374,657	246,058
24 New drainage works constructed, enlarged, or installed.....projects reporting...	4	...	2	...	...	4	...	...	2
25 dollars...	12,940	...	5,291	...	...	8,010	...	...	27,798
26 Open ditches.....projects reporting...	3	...	2	...	...	4	...	...	2
27 length, miles...	1.6	...	2.3	...	...	5.2	...	...	0.5
28 Tile or covered drains.....projects reporting...	2	...	...	...	...	...	...	...	1
29 length, miles...	0.7	...	...	...	...	...	...	...	2.8
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	1	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	...	1	3	1	1	...	1	1	7
36 dollars...	...	32,000	9,112	297,881	52,787	...	326,179	374,657	218,260

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Stark	Summit	Trumbull	Union	Van Wert	Warren	Wayne	Williams	Wood	Wyandot
AREA										
1 Approximate land area.....acres 1960...	366,720	264,320	396,800	277,760	261,760	261,120	352,640	269,440	395,520	259,840
2 Land in farms.....acres 1959...	204,003	50,149	182,776	252,079	250,238	188,023	298,938	242,814	339,989	239,651
3 Drainage projects.....number 1960...	1	1	1	3	1	4	1	1	1	1
4 1950...	1	1	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹.....acres served 1960...	14,224	21,990	18,918	277,100	257,610	11,896	58,016	245,696	385,739	143,327
6 1950...	14,384	21,310	18,918	277,100	257,610	10,196	58,016	245,696	385,739	139,307
7 Area not used for agriculture or not drained.....acres served 1960...	...	4,640	...	...	...	...	...	...	2,560	...
8 Net area drained and used for agriculture.....acres served 1960...	14,224	17,350	18,918	277,100	257,610	11,896	58,016	245,696	383,179	143,327
9 Drainage established before 1950.....acres served 1960...	14,224	16,670	18,918	277,100	257,610	10,696	58,016	245,696	383,179	139,307
10 Area added, 1950-1959.....acres served 1960...	...	680	...	...	...	1,200	...	...	...	4,020
11 Area served by two or more projects.....acres served 1960...	...	...	...	2,494	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner.....number of projects...	...	...	...	...	...	1	...	...	...	...
13 acres served ²...	...	...	...	...	...	500	...	...	...	...
14 Cooperative or mutual drains.....number of projects...	...	...	...	2	...	2	...	...	...	...
15 acres served ²...	...	...	...	2,494	...	1,200	...	...	...	...
16 Legally organized public drains.....number of projects...	1	1	1	1	1	1	1	1	1	1
17 acres served ² ...	14,224	17,350	18,918	277,100	257,610	10,196	58,016	245,696	383,179	143,327
PROJECTS, 1960, BY YEAR STARTED										
18 1950-1959.....number of projects...	...	...	...	2	...	2	...	...	...	...
19 acres served ²...	...	...	...	2,494	...	1,200	...	...	...	...
20 Prior to 1950.....number of projects...	1	1	1	1	1	2	1	1	1	1
21 acres served ² ...	14,224	17,350	18,918	277,100	257,610	10,696	58,016	245,696	383,179	143,327
DRAINAGE OPERATIONS, 1950-1959 ³										
22 Cost of drainage works and services.....projects reporting...	...	1	...	3	1	3	1	1	1	1
23 dollars...	...	10,046	...	123,609	376,774	97,500	41,056	168,485	518,495	110,752
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	...	...	2	...	3	...	...	...	...
25 dollars...	...	...	...	3,079	...	56,500	...	...	...	...
26 Open ditches.....projects reporting...	...	...	...	2	...	3	...	...	...	...
27 length, miles...	...	...	...	1.7	...	3.7	...	...	...	...
28 Tile or covered drains.....projects reporting...	...	...	...	1	...	3	...	...	...	...
29 length, miles...	...	...	...	0.1	...	43.4	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	1	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	...	1	...	1	1	2	1	1	1	1
36 dollars...	...	10,046	...	120,530	376,774	41,000	41,056	168,485	518,495	110,752

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	44,087,680	44,179,840	44,341,120	44,424,960	44,424,960
Land in farms..... acres...	35,800,688	36,006,603	34,803,317	33,790,817	31,951,934
Drainage projects..... number...	31	18	¹ 29	NA	NA
Total area in drainage projects..... acres served...	133,796	300,884	197,646	170,158	12,150
Area not used for agriculture or not drained..... acres served...	...	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	133,796	NA	² 182,980	² 163,936	NA
Drainage established 10 years or more before Census date..... acres served...	115,212	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	18,584	NA	NA	NA	NA
Area served by two or more projects..... acres served...	...	NA	...	960	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	11	⁽³⁾	...	NA	NA
acres served ⁴ ...	9,942	⁽³⁾	...	4,110	NA
Cooperative or mutual drains..... number of projects...	10	⁽³⁾
acres served ⁴ ...	9,656	⁽³⁾
Legally organized public drains..... number of projects...	10	³ 14	NA	NA	NA
acres served ⁴ ...	114,198	³ 298,853	197,646	166,048	NA
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	11	NA	NA	NA	NA
acres served...	114,698	NA	172,326	99,308	NA
Started within 10 years of Census date..... number of projects...	20	NA	NA	NA	NA
acres served...	19,098	NA	25,320	70,850	NA
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	24	10	NA	NA	NA
dollars...	249,053	299,114	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	22	⁴ 1	NA	NA	NA
cost, dollars...	241,561	⁴ 62,027	NA	NA	NA
Open ditches..... projects reporting...	22	1	NA	NA	NA
length, miles...	172.5	16	NA	NA	NA
Tile or covered drains..... projects reporting...	...	...	NA	NA	NA
length, miles...	...	...	NA	NA	NA
Levees or dikes..... projects reporting...	3	...	NA	NA	NA
length, miles...	2.2	...	NA	NA	NA
Pumps..... projects reporting...	...	NA	NA	NA	NA
number of pumps...	...	NA	NA	NA	NA
Other (see text)..... projects reporting...	...	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	7	10	NA	NA	NA
dollars...	7,492	237,087	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment.....dollars...	NA	NA	1,971,350	2,283,598	76,415
Physical works:					
Open ditches..... length, miles...	NA	NA	334.3	303.0	18.6
Tile drains..... length, miles...	NA	NA	...	...	...
Levees and dikes..... length, miles...	NA	NA	...	...	5.0
Pumping units..... number of units...	NA	NA	...	...	...

NA Not available.

¹In 1940, each county drain was counted as a separate project. See text.

²Not fully comparable. See text.

³All projects for 1950 included with county drains, except 4 counties and 2,031 acres from Census of Irrigation. See text.

⁴Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	31	133,796	...	12	115,212	19	18,584
2	500 to 999 acres.....	15	9,296	...	2	1,014	13	8,282
3	1,000 to 1,999 acres.....	6	9,592	...	1	1,790	5	7,802
4	2,000 to 4,999 acres.....	3	10,924	...	2	8,424	1	2,500
5	5,000 to 9,999 acres.....	2	12,176	...	2	12,176	...	...
6	10,000 to 19,999 acres.....	3	42,656	...	3	42,656	...	...
7	20,000 to 49,999 acres.....	2	49,152	...	2	49,152	..	...
8	50,000 to 99,999 acres.....	...	...	...	...	...	...	...
9	100,000 or more acres.....	...	...	...	...	...	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	31	133,796	...	12	115,212	19	18,584
2	Drains owned by one landowner.....	11	9,942	...	2	1,014	9	8,928
3	Cooperative or mutual drains.....	10	9,656	...	...	...	10	9,656
4	Legally organized public drains.....	10	114,198	...	10	114,198	...	...

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	31	133,796	...	12	115,212	19	18,584
2	1960-1959.....	20	19,098	...	1	514	19	18,584
3	Prior to 1950.....	11	114,698	...	11	114,698	...	...

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. --DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Bryan	Canadian	Choctaw	Cleveland	Garfield	Garvin	Kay	Le Flore	McClain
AREA										
1 Approximate land area.....acres 1960...	44,087,680	570,240	566,400	494,080	350,080	1,674,560	520,320	604,160	1,004,160	357,760
2 Land in farms.....acres 1959...	35,800,688	443,290	547,719	330,144	257,905	1,687,747	415,649	556,930	440,356	310,410
3 Drainage projects.....number 1960...	31	1	1	4	2	1	1	3	3	1
4	1950...	18	...	1	...	1	1	1	...	1
5 Total area in drainage projects ².....acres served 1960...	133,796	1,792	5,376	2,478	12,716	700	17,536	15,188	4,850	26,624
6	1950...	300,884	...	5,376	...	12,032	1	17,536	17,408	26,624
7 Area not used for agriculture or not drained.....acres served 1960...	...	...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture.....acres served 1960...	133,796	1,792	5,376	2,478	12,716	700	17,536	15,188	4,850	26,624
9 Drainage established before 1950.....acres served 1960...	115,212	...	5,376	...	12,032	...	17,536	13,088	...	26,624
10 Area added, 1950-1959.....acres served 1960...	18,584	1,792	...	2,478	684	700	...	2,100	4,850	...
11 Area served by two or more projects.....acres served 1960...	...	...	...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner.....number of projects...	11	...	...	4	...	1	...	...	3	...
13	acres served ³ ...	9,942	...	2,478	...	700	...	...	4,850	...
14 Cooperative or mutual drains.....number of projects...	10	1	...	...	1	...	...	2	...	...
15	acres served ³ ...	9,656	1,792	...	...	684	...	2,100	...	...
16 Legally organized public drains.....number of projects...	10	...	1	...	1	...	1	1	...	1
17	acres served ³ ...	114,198	...	5,376	...	12,032	...	17,536	13,088	26,624
PROJECTS, 1960, BY YEAR STARTED										
18 1950-1959.....number of projects...	20	1	...	4	1	1	...	2	3	...
19	acres served ³ ...	19,098	1,792	...	2,478	684	700	2,100	4,850	...
20 Prior to 1950.....number of projects...	11	...	1	...	1	...	1	1	...	1
21	acres served ³ ...	114,698	...	5,376	...	12,032	...	17,536	13,088	26,624
DRAINAGE OPERATIONS, 1950-1959 ⁴										
22 Cost of drainage works and services.....projects reporting...	24	(⁵)	1	4	(⁵)	(⁵)	...	2	3	...
23	dollars...	249,053	(⁵)	140	29,822	(⁵)	(⁵)	6,174	118,916	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	22	(⁵)	...	4	(⁵)	(⁵)	...	2	3	...
25	dollars...	241,561	(⁵)	...	28,122	(⁵)	(⁵)	6,174	118,916	...
26 Open ditches.....projects reporting...	22	(⁵)	...	4	(⁵)	(⁵)	...	2	3	...
27	length, miles...	172.5	(⁵)	...	28.5	(⁵)	(⁵)	4.4	75.3	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...	...	...
29	length, miles...	...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	3	...	...	...	...	...	...	1	1	...
31	length, miles...	2.2	...	...	...	...	...	0.1	1.8	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...	...
33	number of pumps...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	7	(⁵)	1	2	(⁵)	...	...	...	...	...
36	dollars...	7,492	(⁵)	140	1,700	(⁵)	...	...	...	...

¹The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

⁵Included in State total only.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	McIntosh	Muskogee	Oklahoma	Pottawat- omie	Rogers	Sequoyah	Tillman	Tulsa	Wagoner	All other counties ¹
AREA										
1 Approximate land area.....acres 1960...	457,600	524,800	451,200	510,080	456,320	446,080	² 551,040	366,080	360,320	3,626,880
2 Land in farms.....acres 1959...	320,448	375,890	276,230	378,022	352,376	268,376	² 552,302	357,332	285,612	3,309,813
3 Drainage projects..... number 1960...	1	1	1	1	1	5	1	1	3	...
4 1950...	...	1	1	1	...	...	1	1	1	6
5 Total area in drainage projects ³ acres served 1960...	1,790	583	22,528	3,560	800	4,497	4,864	100	7,814	...
6 1950...	...	15,872	22,528	53,474	...	...	4,864	10,752	55,552	58,865
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	1,790	583	22,528	3,560	800	4,497	4,864	100	7,814	...
9 Drainage established before 1950..... acres served 1960...	1,790	...	22,528	3,560	...	...	4,864	...	7,814	...
10 Area added, 1950-1959..... acres served 1960...	...	583	...	...	800	4,497	...	100	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner..... number of projects...	...	...	...	...	1	...	...	1	2	...
13 acres served ⁴...	...	...	...	...	800	...	...	100	1,014	...
14 Cooperative or mutual drains..... number of projects...	...	1	...	...	...	5	...	...	...	...
15 acres served ⁴...	...	583	...	...	...	4,497	...	...	...	...
16 Legally organized public drains..... number of projects...	1	...	1	1	...	...	1	...	1	...
17 acres served ⁴ ...	1,790	...	22,528	3,560	...	...	4,864	...	6,800	...
PROJECTS, 1960, BY YEAR STARTED										
18 1950-1959..... number of projects...	...	1	...	...	1	5	...	1	1	...
19 acres served ⁴...	...	583	...	...	800	4,497	...	100	514	...
20 Prior to 1950..... number of projects...	1	...	1	1	...	...	1	...	2	...
21 acres served ⁴ ...	1,790	...	22,528	3,560	...	...	4,864	...	7,300	...
DRAINAGE OPERATIONS, 1950-1959 ⁵										
22 Cost of drainage works and services..... projects reporting...	...	(⁶)	...	...	(⁶)	5	1	(⁶)	3	...
23 dollars...	...	(⁶)	...	...	(⁶)	16,203	1,100	(⁶)	20,028	...
24 New drainage works constructed, enlarged, or installed..... projects reporting...	...	(⁶)	...	...	(⁶)	5	...	(⁶)	3	...
25 dollars...	...	(⁶)	...	...	(⁶)	16,203	...	(⁶)	17,876	...
26 Open ditches..... projects reporting...	...	(⁶)	...	...	(⁶)	5	...	(⁶)	3	...
27 length, miles...	...	(⁶)	...	...	(⁶)	10.5	...	(⁶)	11.9	...
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	(⁶)	...	...	...	...	...
31 length, miles...	...	...	...	...	(⁶)	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	...	...	...	...	...	...	1	...	1	...
36 dollars...	...	...	...	...	...	...	1,100	...	2,152	...

¹Includes Alfalfa, Caddo, Jackson, Kingfisher, Lincoln, and Stephens counties.
²The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.
³Land served by two or more projects counted only once.
⁴Acres served by two or more projects are included for each project. See text.
⁵Includes projects taken over by another project prior to 1960. See text.
⁶Included in State total only.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	61,598,720	61,641,600	61,664,000	61,188,480	61,188,480
Land in farms..... acres...	21,236,298	20,327,683	17,988,307	16,548,678	13,542,318
Drainage projects.....number...	110	1,087	63	NA	NA
Total area in drainage projects.....acres served...	274,754	418,858	348,825	211,182	4,000
Area not used for agriculture or not drained.....acres served...	4,300	NA	NA	NA	NA
Net area drained and used for agriculture.....acres served...	270,454	NA	¹ 302,870	¹ 146,576	NA
Drainage established 10 years or more before Census date.....acres served...	190,869	NA	NA	NA	NA
Drainage established within 10 years of Census date.....acres served...	79,585	NA	NA	NA	NA
Area served by two or more projects.....acres served...	41,927	...	5,090	...	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner.....number of projects...	6	22	NA	NA	NA
acres served...	25,690	² 700	(²)	² 4,500	NA
Cooperative or mutual drains.....number of projects...	56	29	...	...	...
acres served...	87,807	² 16,507	...	...	...
Legally organized public drains.....number of projects...	48	244	NA	NA	NA
acres served...	200,724	² 161,286	² 139,580	² 121,778	NA
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date.....number of projects...	59	244	NA	NA	NA
acres served...	217,629	² 158,227	272,282	123,501	NA
Started within 10 years of Census date.....number of projects...	51	² 11	NA	NA	NA
acres served...	96,592	² 20,266	76,543	87,681	NA
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services.....projects reporting...	98	² 50	NA	NA	NA
dollars...	5,002,268	2,175,816	NA	NA	NA
New drainage works constructed, enlarged, or installed.....projects reporting...	75	³ 17	NA	NA	NA
cost, dollars...	2,308,055	³ 476,561	NA	NA	NA
Open ditches.....projects reporting...	66	17	NA	NA	NA
length, miles...	260.3	90	NA	NA	NA
Tile or covered drains.....projects reporting...	6	2	NA	NA	NA
length, miles...	20.4	2	NA	NA	NA
Levees or dikes.....projects reporting...	9	2	NA	NA	NA
length, miles...	43.7	4	NA	NA	NA
Pumps.....projects reporting...	9	NA	NA	NA	NA
number of pumps...	16	NA	NA	NA	NA
Other (see text).....projects reporting...	7	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration.....projects reporting...	44	NA	NA	NA	NA
dollars...	2,694,213	1,699,255	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment.....dollars...	NA	NA	5,482,012	4,165,549	200,000
Physical works:					
Open ditches.....length, miles...	NA	NA	780.1	495.1	...
Tile drains.....length, miles...	NA	NA	150.6	42.5	13.0
Levees and dikes.....length, miles...	NA	NA	143.2	121.4	...
Pumping units.....number of units...	NA	² 70	56	31	...

NA Not available.

¹Not fully comparable. See text.

²1950 figures exclude 1,032 projects and 240,365 acres in "irrigation enterprises"; 1940 figures exclude 209,245 acres in "irrigation enterprises"; 1930 figures exclude 71,112 acres in "irrigation enterprises" and 13,792 acres classed as "other."

³Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	110	314,221	85,694	64	231,851	51	82,370
2	500 to 999 acres.....	46	32,402	3,644	20	14,049	26	18,353
3	1,000 to 1,999 acres.....	28	37,328	3,486	21	28,315	9	9,013
4	2,000 to 4,999 acres.....	21	65,573	7,137	10	36,042	12	29,531
5	5,000 to 9,999 acres.....	7	44,865	9,572	6	33,392	3	11,473
6	10,000 to 19,999 acres.....	6	78,213	12,975	5	64,213	1	14,000
7	20,000 to 49,999 acres.....	2	55,840	48,880	2	55,840	...	...
8	50,000 to 99,999 acres.....	...	...	...	...	...	...	...
9	100,000 or more acres.....	...	...	...	...	...	...	...

¹Includes projects taken over by another project prior to 1960. See text.

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	110	314,221	85,694	64	231,851	51	82,370
2	Drains owned by one landowner.....	6	25,690	...	4	24,600	2	1,090
3	Cooperative or mutual drains.....	56	87,807	15,715	15	25,007	45	62,800
4	Legally organized public drains.....	48	200,724	69,979	45	182,244	4	18,480

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	110	314,221	85,694	64	231,851	51	82,370
2	1950-1959.....	51	96,592	20,912	5	15,982	48	80,610
3	Prior to 1950.....	59	217,629	64,782	59	215,869	3	1,760

¹Includes projects taken over by another project prior to 1960. See text.

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
98	5,002,268	75	2,308,055	66	260.3	6	20.4	9	43.7	9	16	7	1
38	337,786	30	262,740	27	49.6	4	15.4	2	5.5	1	1	3	2
24	763,352	15	337,866	11	39.1	...	...	3	2.2	1	2	1	3
122	763,303	19	486,831	18	75.6	...	...	2	17.0	3	5	1	4
7	2,037,129	6	1,046,210	6	39.0	2	5.0	1	1.0	2	5	1	5
5	618,198	4	54,408	3	37.0	...	...	1	18.0	2	3	1	6
2	462,500	1	120,000	1	20.0	...	...	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
98	5,002,268	75	2,308,055	66	260.3	6	20.4	9	43.7	9	16	7	1
6	92,755	5	16,255	4	11.5	1	10.3	1	0.7	1	1	...	2
52	637,974	51	589,124	49	143.4	3	5.1	2	2.5	1	1	2	3
40	4,271,539	19	1,702,676	13	105.4	2	5.0	6	40.5	7	14	5	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
98	5,002,268	75	2,308,055	66	260.3	6	20.4	9	43.7	9	16	7	1
152	386,435	52	344,709	50	158.2	4	15.4	...	...	...	...	2	2
46	4,615,833	23	1,963,346	16	102.1	2	5.0	9	43.7	9	16	5	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Benton	Clackamas	Clatsop	Columbia	Coos
AREA						
1 Approximate land area.....acres 1960...	61,598,720	427,520	1,207,680	524,800	413,440	1,031,040
2 Land in farms.....acres 1959...	21,236,298	205,340	319,048	55,082	104,090	254,460
3 Drainage projects..... number 1960...	110	7	1	6	11	6
4 1950...	1,087	11	91	9	75	73
5 Total area in drainage projects ¹ acres served 1960...	274,754	8,487	1,156	7,347	22,829	7,104
6 1950...	418,858	108	1,288	5,933	26,192	6,773
7 Area not used for agriculture or not drained..... acres served 1960...	4,300	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	270,454	8,487	1,156	7,347	22,829	7,104
9 Drainage established before 1950..... acres served 1960...	190,869	...	1,156	7,347	22,349	7,104
10 Area added, 1950-1959..... acres served 1960...	79,585	8,487	...	...	480	...
11 Area served by two or more projects..... acres served 1960...	41,927	778	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION						
12 Drains owned by one landowner..... number of projects...	6	...	...	...	...	...
13 acres served ² ...	25,690	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	56	7	...	...	...	1
15 acres served ² ...	87,807	9,265	...	...	...	1,300
16 Legally organized public drains..... number of projects...	48	...	1	6	11	5
17 acres served ² ...	200,724	...	1,156	7,347	22,829	5,804
PROJECTS, 1960, BY YEAR STARTED						
18 1950-1959..... number of projects...	51	7	...	...	...	...
19 acres served ² ...	96,592	9,265	...	...	...	...
20 Prior to 1950..... number of projects...	59	...	1	6	11	6
21 acres served ² ...	217,629	...	1,156	7,347	22,829	7,104
DRAINAGE OPERATIONS, 1950-1959 ³						
22 Cost of drainage works and services..... projects reporting...	98	7	1	4	11	3
23 dollars...	5,002,268	48,467	2,515	33,774	930,567	168,000
24 New drainage works constructed, enlarged, or installed..... projects reporting...	75	7	...	...	3	3
25 dollars...	2,308,055	48,467	...	...	97,343	80,000
26 Open ditches..... projects reporting...	66	6	...	...	1	1
27 length, miles...	260.3	12.9	...	...	0.6	5.0
28 Tile or covered drains..... projects reporting...	6	1	...	...	...	...
29 length, miles...	20.4	2.9	...	...	...	...
30 Levees or dikes..... projects reporting...	9	...	...	...	...	1
31 length, miles...	43.7	...	...	...	...	2.0
32 Pumps..... projects reporting...	9	...	...	...	2	2
33 number of pumps...	16	...	...	...	2	5
34 Other (see text)..... projects reporting...	7	...	...	...	2	1
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	44	...	1	4	11	2
36 dollars...	2,694,213	...	2,515	33,774	833,224	88,000

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Klamath	Lake	Lane	Lincoln	Linn	Malheur	Marion
AREA							
1 Approximate land area.....acres 1960...	3,822,080	5,292,160	2,918,400	630,400	1,464,320	6,316,800	750,720
2 Land in farms.....acres 1959...	1,172,577	1,057,780	365,310	77,707	490,060	1,523,214	351,397
3 Drainage projects..... number 1960...	11	2	17	1	17	1	10
4 1950...	71	8	36	3	33	53	226
5 Total area in drainage projects ¹ acres served 1960...	67,510	15,500	28,555	979	43,180	5,449	20,432
6 1950...	187,450	19,477	12,311	997	13,673	78,018	4,178
7 Area not used for agriculture or not drained..... acres served 1960...	600	...	1,000	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	66,910	15,500	27,555	979	43,180	5,449	20,432
9 Drainage established before 1960..... acres served 1960...	66,910	15,000	17,047	979	13,642	5,449	...
10 Area added, 1950-1959..... acres served 1960...	...	500	10,508	...	29,538	...	20,432
11 Area served by two or more projects..... acres served 1960...	24,440	...	10,572	...	6,137	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION							
12 Drains owned by one landowner..... number of projects...	3	1	1	...	...	...	1
13 acres served ² ...	9,600	15,000	550	...	...	...	540
14 Cooperative or mutual drains..... number of projects...	3	1	14	...	16	...	7
15 acres served ² ...	4,500	500	20,413	...	36,317	...	4,892
16 Legally organized public drains..... number of projects...	5	...	2	1	1	1	2
17 acres served ² ...	77,250	...	19,004	979	13,000	5,449	15,000
PROJECTS, 1960, BY YEAR STARTED							
18 1960-1959..... number of projects...	...	1	13	...	15	...	10
19 acres served ²...	...	500	22,360	...	35,675	...	20,432
20 Prior to 1960..... number of projects...	11	1	4	1	2	1	...
21 acres served ² ...	91,350	15,000	17,607	979	13,642	5,449	...
DRAINAGE OPERATIONS, 1950-1959 ³							
22 Cost of drainage works and services..... projects reporting...	10	(⁴)	15	...	15	1	10
23 dollars...	604,095	(⁴)	336,134	...	101,019	50,000	88,367
24 New drainage works constructed, enlarged, or installed..... projects reporting...	9	(⁴)	15	...	15	1	10
25 dollars...	199,595	(⁴)	314,656	...	101,019	30,000	48,367
26 Open ditches..... projects reporting...	8	(⁴)	15	...	15	1	9
27 length, miles...	56.5	(⁴)	40.4	...	52.5	5.0	37.9
28 Tile or covered drains..... projects reporting...	...	(⁴)	...	...	...	1	2
29 length, miles...	...	(⁴)	...	...	...	3.0	10.7
30 Levees or dikes..... projects reporting...	4	...	...	...	...	...	...
31 length, miles...	34.2	...	...	...	...	...	...
32 Pumps..... projects reporting...	2	...	...	...	...	1	...
33 number of pumps...	3	...	...	...	...	1	...
34 Other (see text)..... projects reporting...	...	(⁴)	...	...	...	...	1
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	7	(⁴)	2	...	...	1	1
36 dollars...	404,500	(⁴)	21,478	...	...	20,000	40,000

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.
⁴Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	Miltnomah	Polk	Tillamook	Union	Washington	Yamhill	All other counties ¹
AREA							
1 Approximate land area.....acres 1960...	271,360	472,960	713,600	1,300,480	458,240	453,760	29,888,000
2 Land in farms.....acres 1959...	89,379	232,683	68,467	527,355	211,108	260,673	12,218,531
3 Drainage projects..... number 1960...	5	4	8	3	2	2	...
4 1950...	22	20	29	11	100	50	173
5 Total area in drainage projects ² acres served 1960...	22,851	6,560	6,555	5,560	3,650	1,050	...
6 1950...	23,638	450	5,927	4,253	6,210	1,491	20,491
7 Area not used for agriculture or not drained..... acres served 1960...	2,700	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	20,151	6,560	6,555	5,560	3,650	1,050	...
9 Drainage established before 1950..... acres served 1960...	20,151	...	6,555	3,280	3,650	250	...
10 Area added, 1950-1959..... acres served 1960...	...	6,560	...	2,280	...	800	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION							
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...
13 acres served ³...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	3	...	3	1	2	...
15 acres served ³...	...	3,560	...	5,560	450	1,050	...
16 Legally organized public drains..... number of projects...	5	1	8	...	1	...	...
17 acres served ³ ...	20,151	3,000	6,555	...	3,200	...	...
PROJECTS, 1960, BY YEAR STARTED							
18 1950-1959..... number of projects...	...	4	...	1	...	1	...
19 acres served ³...	...	6,560	...	1,000	...	800	...
20 Prior to 1950..... number of projects...	5	...	8	2	2	1	...
21 acres served ³ ...	20,151	...	6,555	4,560	3,650	250	...
DRAINAGE OPERATIONS, 1950-1959 ⁴							
22 Cost of drainage works and services.....projects reporting...	5	5	6	3	2	(⁵)	...
23 dollars...	2,272,704	78,683	149,942	52,582	25,000	(⁵)	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	3	5	1	3	...	(⁵)	...
25 dollars...	1,145,500	76,957	125,000	34,582	...	(⁵)	...
26 Open ditches.....projects reporting...	1	5	...	3	...	(⁵)	...
27 length, miles...	10.0	21.8	...	14.7	...	(⁵)	...
28 Tile or covered drains.....projects reporting...	1	...	...	...	...	...	...
29 length, miles...	2.0	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	2	...	1	1	...	...	...
31 length, miles...	2.0	...	3.5	2.0	...	...	...
32 Pumps.....projects reporting...	1	...	...	1	...	...	...
33 number of pumps...	4	...	...	1	...	...	...
34 Other (see text).....projects reporting...	2	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	5	1	6	2	2	(⁵)	...
36 dollars...	1,127,204	1,726	24,942	18,000	25,000	(⁵)	...

¹Includes Baker, Crook, Curry, Douglas, Grant, Harney, Hood River, Jackson, Jefferson, Josephine, Morrow, Umatilla, Wallowa, Wasco, and Wheeler counties.²Land served by two or more projects counted only once.³Acres served by two projects are included for each project. See text.⁴Includes projects taken over by another project prior to 1960. See text.⁵Included in State total only.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	19,374,080	19,395,200	19,580,160	19,516,800	19,516,800
Land in farms..... acres...	9,149,492	11,878,793	11,238,697	10,393,113	12,426,675
Drainage projects..... number...	123	45	24	NA	NA
Total area in drainage projects..... acres served...	339,966	249,011	204,366	208,249	140,031
Area not used for agriculture or not drained..... acres served...	1,900	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	338,066	NA	¹ 202,002	¹ 194,744	NA
Drainage established 10 years or more before Census date..... acres served...	229,279	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	108,787	NA	NA	NA	NA
Area served by two or more projects..... acres served...	15,850	8,000	...	...	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	59	20	NA	NA	NA
acres served...	88,203	52,477	21,940	15,092	25,200
Cooperative or mutual drains..... number of projects...	52	11	...	...	...
acres served...	97,212	28,540	...	...	...
Legally organized public drains..... number of projects...	12	14	NA	NA	NA
acres served...	168,501	167,994	182,426	193,157	114,831
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	41	19	NA	NA	...
acres served...	234,304	180,935	204,366	76,471	...
Started within 10 years of Census date..... number of projects...	82	26	...	NA	NA
acres served...	119,612	68,076	...	131,778	140,031
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	95	33	NA	NA	NA
dollars...	824,238	319,486	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	95	² 27	NA	NA	NA
cost, dollars...	785,638	² 206,956	NA	NA	NA
Open ditches..... projects reporting...	93	28	NA	NA	NA
length, miles...	551.2	128	NA	NA	NA
Tile or covered drains..... projects reporting...	10	3	NA	NA	NA
length, miles...	43.5	6	NA	NA	NA
Levees or dikes..... projects reporting...	3	1	NA	NA	NA
length, miles...	10.4	1	NA	NA	NA
Pumps..... projects reporting...	1	NA	NA	NA	NA
number of pumps...	1	NA	NA	NA	NA
Other (see text)..... projects reporting...	...	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	5	NA	NA	NA	NA
dollars...	38,600	112,530	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	1,241,300	1,265,276	582,183
Physical works:					
Open ditches..... length, miles...	NA	NA	459.9	423.0	262.7
Tile drains..... length, miles...	NA	NA	...	150.0	101.5
Levees and dikes..... length, miles...	NA	NA	...	11.0	...
Pumping units..... number of units...	NA	...	...	...	NA

¹ NA Not available.² Not fully comparable. See text.³ Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	123	353,916	31,700	44	229,279	88	124,637
2	500 to 999 acres.....	69	44,128	850	19	11,783	56	32,345
3	1,000 to 1,999 acres.....	30	35,548	1,000	9	10,424	21	25,124
4	2,000 to 4,999 acres.....	10	30,685	7,000	5	15,618	7	15,067
5	5,000 to 9,999 acres.....	6	47,249	7,000	4	26,988	3	20,261
6	10,000 to 19,999 acres.....	4	51,682	...	4	51,682	...	...
7	20,000 to 49,999 acres.....	4	144,624	15,850	3	112,784	1	31,840
8	50,000 to 99,999 acres.....	...	...	...	...	...	...	...
9	100,000 or more acres.....	...	...	...	...	...	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	123	353,916	31,700	44	229,279	88	124,637
2	Drains owned by one landowner.....	59	88,203	...	24	53,868	43	34,335
3	Cooperative or mutual drains.....	52	97,212	31,700	8	6,910	45	90,302
4	Legally organized public drains.....	12	168,501	...	12	168,501	...	...

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	123	353,916	31,700	44	229,279	88	124,637
2	1960-1969.....	82	119,612	31,700	3	1,800	81	117,812
3	Prior to 1960.....	41	234,304	...	41	227,479	7	6,825

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
95	824,238	95	785,638	93	551.2	10	43.5	3	10.4	1	1	...	1
59	329,794	59	302,194	58	280.0	2	1.6	2	8.4	1	1	...	2
25	170,500	25	170,500	24	146.7	4	12.0	1	2.0	...	...	...	3
7	130,718	7	128,718	7	70.0	2	20.2	...	...	...	...	...	4
3	67,531	3	66,531	3	20.9	1	4.1	...	...	...	...	...	5
...	...	...	...	...	...	...	...	...	...	...	...	...	6
1	125,695	1	117,695	1	33.6	1	5.6	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
95	824,238	95	785,638	93	551.2	10	43.5	3	10.4	1	1	...	1
47	304,284	47	274,684	46	299.2	2	2.2	3	10.4	1	1	...	2
48	519,954	48	510,954	47	252.0	8	41.3	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
95	824,238	95	785,638	93	551.2	10	43.5	3	10.4	1	1	...	1
79	752,626	79	721,626	80	510.8	9	38.4	3	10.4	1	1	...	2
16	71,612	16	64,012	13	40.4	1	5.1	...	...	...	...	...	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Beaufort	Berkeley	Calhoun	Charleston	Clarendon	Colleton	Darlington
AREA								
1 Approximate land area.....acres 1960...	19,374,080	376,320	704,000	241,280	604,800	382,720	670,720	348,800
2 Land in farms.....acres 1959...	9,149,492	105,230	160,735	162,943	116,385	232,705	326,447	254,113
3 Drainage projects..... number 1960...	123	2	2	2	10	5	1	7
4 1950...	45	1	1	...	...	3	1	2
5 Total area in drainage projects ¹ acres served 1960...	339,966	1,175	1,050	1,175	8,200	7,987	900	22,264
6 1950...	249,011	200	8,700	...	...	6,765	5,589	18,549
7 Area not used for agriculture or not drained..... acres served 1960...	1,900	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	338,066	1,175	1,050	1,175	8,200	7,987	900	22,264
9 Drainage established before 1950..... acres served 1960...	229,279	350	...	...	...	6,765	...	18,549
10 Area added, 1950-1959..... acres served 1960...	108,787	825	1,050	1,175	8,200	1,222	900	3,715
11 Area served by two or more projects..... acres served 1960...	15,850	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	59	2	1	...	9	1	1	1
13 acres served ² ...	88,203	1,175	500	...	7,650	680	900	1,145
14 Cooperative or mutual drains..... number of projects...	52	...	1	2	1	1	...	4
15 acres served ² ...	97,212	...	550	1,175	550	542	...	3,020
16 Legally organized public drains..... number of projects...	12	...	...	...	...	3	...	2
17 acres served ² ...	168,501	...	...	...	...	6,765	...	18,099
PROJECTS, 1960, BY YEAR STARTED								
18 1960-1959..... number of projects...	82	1	1	2	10	2	1	5
19 acres served ² ...	119,612	650	550	1,175	8,200	1,222	900	4,165
20 Prior to 1960..... number of projects...	41	1	1	...	...	3	...	2
21 acres served ² ...	234,304	525	500	...	...	6,765	...	18,099
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services..... projects reporting...	95	2	(4)	(4)	10	2	(4)	5
23 dollars...	824,238	9,208	(4)	(4)	104,961	5,073	(4)	22,850
24 New drainage works constructed, enlarged, or installed..... projects reporting...	95	2	(4)	(4)	10	2	(4)	5
25 dollars...	785,638	3,608	(4)	(4)	104,961	5,073	(4)	22,850
26 Open ditches..... projects reporting...	93	2	(4)	(4)	9	2	(4)	5
27 length, miles...	551.2	5.9	(4)	(4)	171.0	3.7	(4)	12.7
28 Tile or covered drains..... projects reporting...	10	...	...	...	...	...	...	1
29 length, miles...	43.5	...	...	...	...	...	...	1.8
30 Levees or dikes..... projects reporting...	3	...	...	...	1	...	...	...
31 length, miles...	10.4	...	...	...	6.0	...	...	...
32 Pumps..... projects reporting...	1	...	...	...	...	...	...	...
33 number of pumps...	1	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	5	1	...	...	...	...	...	...
36 dollars...	38,600	5,600	...	...	...	...	...	...

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.⁴Included in State total only.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Dillon	Dorchester	Florence	Georgetown	Hampton	Horry	Jasper	Kerabaw
AREA								
1 Approximate land area.....acres 1960...	260,480	364,160	515,200	520,320	359,680	737,280	423,680	503,040
2 Land in farms.....acres 1959...	189,432	128,167	354,668	89,465	199,067	361,341	113,682	205,548
3 Drainage projects..... number 1960...	5	7	9	2	17	18	4	2
4 1950...	1	7	4	...	5	3	2	...
5 Total area in drainage projects ¹ acres served 1960...	18,373	5,209	35,873	3,800	16,800	41,609	31,000	1,500
6 1950...	15,983	5,034	29,093	...	3,875	2,164	29,700	...
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	18,373	5,209	35,873	3,800	16,800	41,609	31,000	1,500
9 Drainage established before 1950..... acres served 1960...	15,983	5,034	29,093	...	4,125	2,164	29,700	...
10 Area added, 1950-1959..... acres served 1960...	2,390	175	6,780	3,800	12,675	39,445	1,300	1,500
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	15,850	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	7	1	...	15	3	4	2
13 acres served ²..	...	5,209	1,200	...	13,600	2,394	31,000	1,500
14 Cooperative or mutual drains..... number of projects...	4	...	4	2	2	15	...	...
15 acres served ² ..	2,390	...	6,780	3,800	3,200	55,065	...	...
16 Legally organized public drains..... number of projects...	1	...	4	...	...	...	...	...
17 acres served ² ..	15,983	...	27,893	...	...	...	...	...
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	4	...	5	2	11	15	2	2
19 acres served ² ..	2,390	...	7,980	3,800	8,650	55,295	1,000	1,500
20 Prior to 1950..... number of projects...	1	7	4	...	6	3	2	...
21 acres served ² ..	15,983	5,209	27,893	...	8,150	2,164	30,000	...
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services.....projects reporting...	4	2	5	2	14	17	3	(4)
23 dollars...	10,010	1,603	31,574	13,500	41,013	346,535	32,629	(4)
24 New drainage works constructed, enlarged, of installed.....projects reporting...	4	2	5	2	14	17	3	(4)
25 dollars...	10,010	1,603	31,574	13,500	41,013	337,535	10,629	(4)
26 Open ditches.....projects reporting...	4	2	5	2	14	17	3	(4)
27 length, miles...	5.9	1.5	15.3	13.0	31.1	153.0	7.3	(4)
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	7	...	...
29 length, miles...	...	...	...	...	...	36.2	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	1	...
31 length, miles...	...	...	...	...	...	...	2.4	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	1	...
33 number of pumps...	...	...	...	...	...	...	1	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	...	...	...	...	...	2	1	...
36 dollars...	...	...	...	...	...	9,000	22,000	...

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.
⁴Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Lee	Marion	Marlboro	Orangeburg	Sumter	Williamsburg	All other counties ¹
AREA							
1 Approximate land area.....acres 1960...	261,760	307,200	308,480	707,200	425,600	595,840	812,800
2 Land in farms.....acres 1959...	190,608	153,298	174,814	456,670	242,834	381,966	431,147
3 Drainage projects..... number 1960...	2	12	8	8	5	7	...
4 1950...	3	6	3	4	1	3	2
5 Total area in drainage projects ² acres served 1960...	15,092	12,806	6,914	52,483	4,300	51,456	...
6 1950...	15,092	9,706	3,614	46,848	1,200	42,456	4,443
7 Area not used for agriculture or not drained..... acres served 1960...	1,400	...	...	500	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	13,692	12,806	6,914	51,983	4,300	51,456	...
9 Drainage established before 1950..... acres served 1960...	13,692	9,706	3,614	46,848	1,200	42,456	...
10 Area added, 1950-1959..... acres served 1960...	...	3,100	3,300	5,135	3,100	9,000	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION							
12 Drains owned by one landowner..... number of projects...	...	5	4	3	3	1	...
13 acres served ³..	...	7,160	3,550	4,740	3,000	2,800	...
14 Cooperative or mutual drains..... number of projects...	1	6	3	3	2	4	...
15 acres served ³ ..	580	4,360	2,250	3,650	1,300	8,000	...
16 Legally organized public drains..... number of projects...	1	1	1	2	...	2	...
17 acres served ³ ..	13,112	1,286	1,114	43,593	...	40,656	...
PROJECTS, 1960, BY YEAR STARTED							
18 1950-1959..... number of projects...	...	6	5	4	4	4	...
19 acres served ³..	...	3,100	3,300	4,635	3,100	8,000	...
20 Prior to 1950..... number of projects...	2	6	3	4	1	3	...
21 acres served ³ ..	13,692	9,706	3,614	47,348	1,200	43,456	...
DRAINAGE OPERATIONS, 1950-1959 ⁴							
22 Cost of drainage works and services.....projects reporting...	...	8	7	5	4	5	...
23 dollars...	...	23,905	55,308	24,278	24,200	52,670	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	8	7	5	4	5	...
25 dollars...	...	23,905	55,308	24,278	24,200	50,670	...
26 Open ditches.....projects reporting...	...	8	6	5	4	5	...
27 length, miles...	...	19.1	28.9	21.9	18.3	20.0	...
28 Tile or covered drains.....projects reporting...	...	...	2	...	...	...	...
29 length, miles...	...	...	5.5	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	1	...	...
31 length, miles...	...	...	...	...	2.0	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	...	...	...	...	...	1	...
36 dollars...	...	...	...	...	...	2,000	...

¹Includes Chester and York counties.²Land served by two or more projects counted only once.³Acres served by two projects are included for each project. See text.⁴Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	48,881,920	48,983,040	48,983,040	49,195,520	49,195,520
Land in farms..... acres...	44,850,666	44,785,529	39,473,584	36,470,083	34,636,491
Drainage projects..... number...	41	34	¹ 202	NA	NA
Total area in drainage projects..... acres served...	658,580	707,263	676,472	697,758	222,062
Area not used for agriculture or not drained..... acres served...	...	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	658,580	NA	² 647,173	² 684,746	NA
Drainage established 10 years or more before Census date..... acres served...	647,251	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	11,329	NA	NA	NA	NA
Area served by two or more projects..... acres served...	2,010	NA	35,100	...	12,139
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	...	(³)	NA	NA	NA
acres served...	...	(³)	(³)	³ 2,000	...
Cooperative or mutual drains..... number of projects...	8	(³)	...	...	...
acres served...	11,059	(³)	...	...	...
Legally organized public drains..... number of projects...	33	³ 32	NA	NA	NA
acres served...	649,531	³ 706,973	³ 603,966	³ 621,258	222,062
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	33	NA	NA	NA	NA
acres served...	649,531	NA	676,472	436,665	59,446
Started within 10 years of Census date..... number of projects...	8	NA	...	NA	NA
acres served...	11,059	NA	...	261,093	162,616
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	22	17	NA	NA	NA
dollars...	298,591	483,275	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	11	...	NA	NA	NA
cost, dollars...	110,334	...	NA	NA	NA
Open ditches..... projects reporting...	11	...	NA	NA	NA
length, miles...	38.4	...	NA	NA	NA
Tile or covered drains..... projects reporting...	...	...	NA	NA	NA
length, miles...	...	...	NA	NA	NA
Levees or dikes..... projects reporting...	...	...	NA	NA	NA
length, miles...	...	...	NA	NA	NA
Pumps..... projects reporting...	...	NA	NA	NA	NA
number of pumps...	...	NA	NA	NA	NA
Other (see text)..... projects reporting...	...	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	15	17	NA	NA	NA
dollars...	188,257	483,275	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	5,078,771	4,534,768	1,461,063
Physical works:					
Open ditches..... length, miles...	NA	NA	840.7	854.4	237.8
Tile drains..... length, miles...	NA	NA	335.8	315.3	179.3
Levees and dikes..... length, miles...	NA	NA	7.4	...	2.4
Pumping units..... number of units...	NA	NA	...	...	...

NA Not available.

¹In 1940 each county drain was counted as a separate project. See text.²Not fully comparable. See text.³All projects in 1950 included with county drains, except 2 counties and 290 acres from Census of Irrigation; 1940 figures exclude 72,506 acres in "irrigation enterprises"; and 1930 figures exclude 74,500 acres in "irrigation enterprises." See text.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	41	660,590	4,020	35	649,261	8	11,329
2	500 to 999 acres.....	4	2,820	...	3	2,120	1	700
3	1,000 to 1,999 acres.....	6	7,979	2,010	2	2,010	5	5,969
4	2,000 to 4,999 acres.....	7	21,786	...	6	19,406	1	2,380
5	5,000 to 9,999 acres.....	9	64,609	1,490	9	64,609	...	...
6	10,000 to 19,999 acres.....	6	101,096	520	6	101,096	...	...
7	20,000 to 49,999 acres.....	5	152,654	...	5	152,654	...	...
8	50,000 to 99,999 acres.....	3	197,579	...	3	195,299	1	2,280
9	100,000 or more acres.....	1	112,067	...	1	112,067	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	41	660,590	4,020	35	649,261	8	11,329
2	Drains owned by one landowner.....	...	...	...	...	...	...	...
3	Cooperative or mutual drains.....	8	11,059	2,010	2	2,010	7	9,049
4	Legally organized public drains.....	33	649,531	2,010	33	647,251	1	2,280

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	41	660,590	4,020	35	649,261	8	11,329
2	1950-1959.....	8	11,059	2,010	2	2,010	7	9,049
3	Prior to 1950.....	33	649,531	2,010	33	647,251	1	2,280

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	The State	Beadle	Bon Homme	Brookings	Brown	Charles Mix	Clark	Clay
AREA								
1 Approximate land area.....acres 1960...	48,881,920	807,040	361,600	512,640	1,073,280	706,560	624,640	257,920
2 Land in farms.....acres 1959...	44,850,666	771,745	352,009	499,797	1,077,193	686,669	587,936	248,788
3 Drainage projects..... number 1960...	41	1	1	3	1	1	1	2
4 1950...	34	1	1	1	1	1	1	1
5 Total area in drainage projects ² acres served 1960...	658,580	8,192	3,277	9,580	112,067	800	6,291	62,459
6 1950...	707,263	8,192	3,277	7,200	112,067	800	6,291	59,050
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	658,580	8,192	3,277	9,580	112,067	800	6,291	62,459
9 Drainage established before 1950..... acres served 1960...	647,251	8,192	3,277	7,200	112,067	800	6,291	59,050
10 Area added, 1950-1959..... acres served 1960...	11,329	...	...	2,380	...	...	...	3,409
11 Area served by two or more projects..... acres served 1960...	2,010	...	...	1,490	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...
13 acres served ³...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	8	...	...	2	...	...	...	1
15 acres served ³ ...	11,059	...	...	3,870	...	...	...	1,129
16 Legally organized public drains..... number of projects...	33	1	1	1	1	1	1	1
17 acres served ³ ...	649,531	8,192	3,277	7,200	112,067	800	6,291	61,330
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	8	...	...	2	...	...	...	1
19 acres served ³ ...	11,059	...	...	3,870	...	...	...	1,129
20 Prior to 1950..... number of projects...	33	1	1	1	1	1	1	1
21 acres served ³ ...	649,531	8,192	3,277	7,200	112,067	800	6,291	61,330
DRAINAGE OPERATIONS, 1950-1959 ⁴								
22 Cost of drainage works and services.....projects reporting...	22	...	...	2	1	...	...	2
23 dollars...	298,591	...	...	8,195	9,928	...	...	86,542
24 New drainage works constructed, enlarged, or installed.....projects reporting...	11	...	...	2	...	...	...	2
25 dollars...	110,334	...	...	7,225	...	...	...	60,465
26 Open ditches.....projects reporting...	11	...	...	2	...	...	...	2
27 length, miles...	38.4	...	...	5.8	...	...	...	14.4
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	15	...	...	1	1	...	...	1
36 dollars...	188,257	...	...	970	9,928	...	...	26,077

¹The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Codington	Davison	Day	Douglas	Hamlin	Hanson	Hutchinson	Jerauld
AREA								
1 Approximate land area.....acres 1960...	442,240	276,480	678,400	¹ 278,400	332,800	275,840	520,960	337,920
2 Land in farms.....acres 1959...	415,574	272,295	638,207	¹ 284,629	311,092	259,885	518,505	317,266
3 Drainage projects..... number 1960...	1	1	1	1	1	1	1	1
4 1950...	1	1	1	1	1	1	1	1
5 Total area in drainage projects ² acres served 1960...	2,408	15,474	840	19,640	13,599	8,510	8,760	480
6 1950...	2,408	15,474	3,080	19,640	13,599	8,510	8,760	480
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	2,408	15,474	840	19,640	13,599	8,510	8,760	480
9 Drainage established before 1960..... acres served 1960...	2,408	15,474	840	19,640	13,599	8,510	8,760	480
10 Area added, 1950-1959..... acres served 1960...	...	...	...	...	...	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...
13 acres served ³...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	...	...	...	...	...
15 acres served ³...	...	...	...	...	...	...	...	...
16 Legally organized public drains..... number of projects...	1	1	1	1	1	1	1	1
17 acres served ³ ...	2,408	15,474	840	19,640	13,599	8,510	8,760	480
PROJECTS, 1960, BY YEAR STARTED								
18 1960-1959..... number of projects...	...	...	...	...	...	...	...	...
19 acres served ³...	...	...	...	...	...	...	...	...
20 Prior to 1960..... number of projects...	1	1	1	1	1	1	1	1
21 acres served ³ ...	2,408	15,474	840	19,640	13,599	8,510	8,760	480
DRAINAGE OPERATIONS, 1950-1959 ⁴								
22 Cost of drainage works and services..... projects reporting...	...	...	1	1	1	...	...	...
23 dollars...	...	...	477	763	764	...	...	...
24 New drainage works constructed, enlarged, or installed..... projects reporting...	...	...	...	...	...	...	...	...
25 dollars...	...	...	...	...	...	...	...	...
26 Open ditches..... projects reporting...	...	...	...	...	...	...	...	...
27 length, miles...	...	...	...	...	...	...	...	...
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	...	...	1	1	1	...	...	...
36 dollars...	...	...	477	763	764	...	...	...

¹The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1960 data]

Item and Census year	Kingsbury	Lake	Lincoln	Lyman	McCook	Marshall	Miner	Minnehaha
AREA								
1 Approximate land area.....acres 1960...	524,160	365,440	368,640	1,066,880	369,280	560,000	365,440	521,600
2 Land in farms.....acres 1959...	512,555	344,785	354,988	937,075	363,080	534,185	346,258	491,584
3 Drainage projects..... number 1960...	1	1	1	1	1	2	1	2
4 1960...	1	1	1	1	1	1	1	1
5 Total area in drainage projects ¹ acres served 1960...	9,160	25,805	33,971	4,320	2,080	91,392	5,200	39,732
6 1960...	9,160	25,805	33,971	4,320	2,080	91,392	5,200	42,172
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	9,160	25,805	33,971	4,320	2,080	91,392	5,200	39,732
9 Drainage established before 1950..... acres served 1960...	9,160	25,805	33,971	4,320	2,080	91,392	5,200	39,732
10 Area added, 1950-1959..... acres served 1960...	...	...	...	...	...	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...
13 acres served ²...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	...	...	...	...	...
15 acres served ²...	...	...	...	...	...	...	...	...
16 Legally organized public drains..... number of projects...	1	1	1	1	1	2	1	2
17 acres served ² ...	9,160	25,805	33,971	4,320	2,080	91,392	5,200	39,732
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	...	...	...	...	...	...	...	...
19 acres served ²...	...	...	...	...	...	...	...	...
20 Prior to 1950..... number of projects...	1	1	1	1	1	2	1	2
21 acres served ² ...	9,160	25,805	33,971	4,320	2,080	91,392	5,200	39,732
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services.....projects reporting...	1	1	1	...	...	1	...	1
23 dollars...	2,557	28,847	10,387	...	...	9,110	...	18,267
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	...	1	...	...	...	...	...
25 dollars...	...	...	10,137	...	...	...	...	...
26 Open ditches.....projects reporting...	...	...	1	...	...	...	...	...
27 length, miles...	...	...	3.6	...	...	...	...	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	1	1	1	...	...	1	...	1
36 dollars...	2,557	28,847	250	...	...	9,110	...	18,267

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. - DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Moody	Roberts	Sanborn	Spink	Turner	Union	Yankton	All other counties ¹
AREA								
1 Approximate land area.....acres 1960...	334,720	711,040	365,440	963,840	391,040	290,560	333,440	6,323,200
2 Land in farms.....acres 1959...	323,323	671,761	339,791	921,614	384,851	275,265	307,880	5,437,235
3 Drainage projects..... number 1960...	1	2	1	2	2	4	1	...
4 1950...	1	1	1	1	1	1	1	4
5 Total area in drainage projects ² acres served 1960...	4,681	8,576	42,880	16,629	52,017	20,960	28,800	...
6 1950...	4,681	8,576	42,880	15,929	50,217	17,920	28,800	55,332
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	4,681	8,576	42,880	16,629	52,017	20,960	28,800	...
9 Drainage established before 1950..... acres served 1960...	4,681	8,576	42,880	15,929	50,217	17,920	28,800	...
10 Area added, 1950-1959..... acres served 1960...	...	...	...	700	1,800	3,040	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	520	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...
13 acres served ³...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	1	1	3	...	...
15 acres served ³...	...	...	...	700	1,800	3,560	...	...
16 Legally organized public drains..... number of projects...	1	2	1	1	1	1	1	...
17 acres served ³ ...	4,681	8,576	42,880	15,929	50,217	17,920	28,800	...
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	...	...	...	1	1	3	...	...
19 acres served ³...	...	...	...	700	1,800	3,560	...	...
20 Prior to 1950..... number of projects...	1	2	1	1	1	1	1	...
21 acres served ³ ...	4,681	8,576	42,880	15,929	50,217	17,920	28,800	...
DRAINAGE OPERATIONS, 1950-1959 ⁴								
22 Cost of drainage works and services.....projects reporting...	...	...	1	1	2	4	1	...
23 dollars...	...	...	244	900	29,083	84,062	8,465	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	...	...	1	2	3	...	...
25 dollars...	...	...	...	900	21,317	10,290	...	...
26 Open ditches.....projects reporting...	...	...	...	1	2	3	...	...
27 length, miles...	...	...	...	0.5	7.5	6.6	...	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	...	...	1	...	1	1	1	...
36 dollars...	...	...	244	...	7,766	73,772	8,465	...

¹Includes Butte, Meade, Pennington, and Todd counties.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	26,727,680	26,750,080	26,855,040	26,679,680	26,679,680
Land in farms..... acres...	16,080,285	18,534,380	18,492,898	18,003,241	19,510,856
Drainage projects..... number...	179	151	155	NA	NA
Total area in drainage projects..... acres served...	730,855	615,838	601,592	593,560	363,671
Area not used for agriculture or not drained..... acres served...	139,976	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	590,879	NA	¹ 579,283	¹ 413,791	NA
Drainage established 10 years or more before Census date..... acres served...	492,825	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	98,054	NA	NA	NA	NA
Area served by two or more projects..... acres served...	6,527	5,148	16,580	5,832	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	8	2	NA	NA	...
acres served...	8,433	2,175	1,200	600	...
Cooperative or mutual drains..... number of projects...	37	20	...	...	...
acres served...	39,293	21,623	...	...	...
Legally organized public drains..... number of projects...	134	129	NA	NA	NA
acres served...	549,680	592,040	600,392	592,960	363,671
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	¹ 54	132	NA	NA	...
acres served...	467,976	593,248	573,432	486,830	...
Started within 10 years of Census date..... number of projects...	25	19	NA	NA	NA
acres served...	129,430	22,590	28,160	106,730	363,671
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	36	26	NA	NA	NA
dollars...	2,136,236	270,623	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	22	² 23	NA	NA	NA
cost, dollars...	1,853,349	² 255,697	NA	NA	NA
Open ditches..... projects reporting...	22	23	NA	NA	NA
length, miles...	134.6	105	NA	NA	NA
Tile or covered drains..... projects reporting...	...	...	NA	NA	NA
length, miles...	...	...	NA	NA	NA
Levees or dikes..... projects reporting...	...	...	NA	NA	NA
length, miles...	...	...	NA	NA	NA
Pumps..... projects reporting...	...	NA	NA	NA	NA
number of pumps...	...	NA	NA	NA	NA
Other (see text)..... projects reporting...	...	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	17	NA	NA	NA	NA
dollars...	282,887	14,926	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	6,501,750	6,366,747	2,925,944
Physical works:					
Open ditches..... length, miles...	NA	NA	1,508.0	1,413.0	777.3
Tile drains..... length, miles...	NA	NA	...	...	0.3;
Levees and dikes..... length, miles...	NA	NA	30.0	29.8	42.3
Pumping units..... number of units...	NA	...	...	...	...

NA Not available.

¹Not fully comparable. See text.

²Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	179	597,406	13,054	164	499,352	18	98,054
2	500 to 999 acres.....	55	38,260	700	44	31,490	11	6,770
3	1,000 to 1,999 acres.....	60	83,789	3,267	58	80,839	3	2,950
4	2,000 to 4,999 acres.....	41	131,220	...	39	126,920	2	4,300
5	5,000 to 9,999 acres.....	11	75,379	500	11	75,379	...	...
6	10,000 to 19,999 acres.....	8	108,569	2,560	8	103,200	1	5,369
7	20,000 to 49,999 acres.....	3	69,189	...	3	69,189	...	...
8	50,000 to 99,999 acres.....	1	91,000	6,027	1	12,335	1	78,665
9	100,000 or more acres.....	...	...	...	...	...	...	...

¹Includes one project taken over by another project prior to 1960. See text.

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	179	597,406	13,054	164	499,352	18	98,054
2	Drains owned by one landowner.....	8	8,433	...	4	4,533	4	3,900
3	Cooperative or mutual drains.....	37	39,293	3,967	26	29,173	12	10,120
4	Legally organized public drains.....	134	549,680	9,087	134	465,646	2	84,034

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	179	597,406	13,054	164	499,352	18	98,054
2	1950-1959.....	25	129,430	8,587	10	31,376	18	98,054
3	Prior to 1950.....	154	467,976	4,467	154	467,976	...	...

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Gibson	Hardeman	Hardin	Haywood	Henderson	Henry	Humphreys	Lake
AREA								
1 Approximate land area.....acres 1960...	388,480	419,840	375,680	332,160	329,600	383,360	355,200	104,960
2 Land in farms.....acres 1959...	344,464	275,578	197,122	266,279	223,786	252,293	148,732	87,639
3 Drainage projects..... number 1960...	18	7	11	12	11	6	1	1
4 1950...	18	6	9	11	16	5	1	1
5 Total area in drainage projects ¹ acres served 1960...	69,477	8,554	15,106	41,344	15,085	22,858	1,702	8,000
6 1950...	69,477	7,754	15,106	39,044	26,903	31,542	1,702	3,164
7 Area not used for agriculture or not drained..... acres served 1960...	8,000	...	...	7,600	...	16,696	...	800
8 Net area drained and used for agriculture..... acres served 1960...	61,477	8,554	15,106	33,744	15,085	6,162	1,702	7,200
9 Drainage established before 1950..... acres served 1960...	61,477	7,754	15,106	31,444	15,085	6,162	1,702	3,164
10 Area added, 1950-1959..... acres served 1960...	...	800	...	2,300	...	...	...	4,036
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	1	...	1	...	...	...	...
13 acres served ²...	...	800	...	500	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	2	...	2	2	...	...	...	...
15 acres served ² ...	1,370	...	1,500	4,600	...	...	...	...
16 Legally organized public drains..... number of projects...	16	6	9	9	11	6	1	1
17 acres served ² ...	60,107	7,754	13,606	28,644	15,085	6,162	1,702	7,200
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	...	1	2	1	...	...	...	1
19 acres served ²...	...	800	1,500	2,300	...	...	...	7,200
20 Prior to 1950..... number of projects...	18	6	9	11	11	6	1	...
21 acres served ² ...	61,477	7,754	13,606	31,444	15,085	6,162	1,702	...
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services.....projects reporting...	...	(⁴)	2	2	...	...	...	1
23 dollars...	...	(⁴)	14,200	27,000	...	...	...	202,382
24 New drainage works constructed, enlarged, or installed.....projects reporting...	...	(⁴)	...	2	...	...	...	1
25 dollars...	...	(⁴)	...	23,000	...	...	...	202,382
26 Open ditches.....projects reporting...	...	(⁴)	...	2	...	...	...	1
27 length, miles...	...	(⁴)	...	13.0	...	...	...	8.7
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	...	...	2	1	...	...	...	...
36 dollars...	...	...	14,200	4,000	...	...	...	...

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.
⁴Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Lauderdale	McNairy	Madison	Obion	Perry	Shelby	Tipton	Weakley
AREA								
1 Approximate land area.....acres 1960...	310,400	364,160	358,400	352,000	268,160	480,640	293,120	368,640
2 Land in farms.....acres 1959...	225,566	213,956	263,409	285,759	129,748	293,581	241,009	280,127
3 Drainage projects..... number 1960...	4	22	12	12	1	12	10	15
4 1950...	4	13	12	12	...	7	8	14
5 Total area in drainage projects ¹ acres served 1960...	8,857	30,328	36,220	44,711	1,685	54,862	17,219	66,147
6 1950...	8,857	25,138	36,220	45,458	...	43,812	17,219	66,047
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	6,500	18,500	...	...	...	14,700
8 Net area drained and used for agriculture..... acres served 1960...	8,857	30,328	29,720	26,211	1,685	54,862	17,219	51,447
9 Drainage established before 1950..... acres served 1960...	8,857	25,138	29,720	24,028	1,685	53,612	17,219	51,447
10 Area added, 1950-1959..... acres served 1960...	...	5,190	...	2,183	...	1,250	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	500	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	4	...	...	...	...	1	...
13 acres served ²...	...	3,958	...	...	...	...	1,175	...
14 Cooperative or mutual drains..... number of projects...	2	6	...	1	...	4	5	...
15 acres served ² ...	2,656	5,140	...	850	...	3,190	7,501	...
16 Legally organized public drains..... number of projects...	2	12	12	11	1	8	4	15
17 acres served ² ...	6,201	21,230	29,720	25,361	1,685	52,172	8,543	51,447
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	...	9	...	2	...	2	2	1
19 acres served ²...	...	6,740	...	5,150	...	1,250	4,500	2,800
20 Prior to 1950..... number of projects...	4	13	12	10	1	10	8	14
21 acres served ² ...	8,857	23,588	29,720	21,061	1,685	54,112	12,719	48,647
DRAINAGE OPERATIONS, 1950-1959 ³								
22 Cost of drainage works and services.....projects reporting...	...	10	...	3	...	6	4	1
23 dollars...	...	53,987	...	172,019	...	70,252	26,200	10,000
24 New drainage works constructed, enlarged, of installed.....projects reporting...	...	8	...	2	...	2	...	1
25 dollars...	...	29,000	...	147,019	...	22,752	...	10,000
26 Open ditches.....projects reporting...	...	8	...	2	...	2	...	1
27 length, miles...	...	16.5	...	7.6	...	5.8	...	7.0
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	...	2	...	1	...	5	4	...
36 dollars...	...	24,987	...	25,000	...	47,500	26,200	...

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	168,217,600	168,648,320	168,732,160	167,934,720	167,934,720
Land in farms..... acres...	143,217,559	145,389,014	137,683,372	124,707,130	114,020,621
Drainage projects..... number...	243	543	81	NA	NA
Total area in drainage projects..... acres served...	6,500,043	5,794,786	4,218,850	2,883,356	2,166,128
Area not used for agriculture or not drained..... acres served...	808,913	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	5,691,130	NA	12,819,775	11,895,486	NA
Drainage established 10 years or more before Census date..... acres served...	5,372,932	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	318,198	NA	NA	NA	NA
Area served by two or more projects..... acres served...	247,844	134,831	312,320	...	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	130	222	NA	NA	NA
acres served...	369,079	2147,345	240,380	228,600	27,500
Cooperative or mutual drains..... number of projects...	43	213	...	...	...
acres served...	74,170	218,155	...	...	...
Legally organized public drains..... number of projects...	70	262	NA	NA	NA
acres served...	5,495,725	25,155,647	23,844,378	22,767,477	22,102,628
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	133	259	NA	NA	NA
acres served...	5,744,714	23,355,505	3,060,462	2,366,724	893,981
Started within 10 years of Census date..... number of projects...	110	238	NA	NA	NA
acres served...	194,260	21,965,642	1,158,388	516,632	1,272,147
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	225	289	NA	NA	NA
dollars...	28,895,392	9,534,229	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	175	332	NA	NA	NA
cost, dollars...	1,303,672	21,822,245	NA	NA	NA
Open ditches..... projects reporting...	171	33	NA	NA	NA
length, miles...	3,224.7	948.1	NA	NA	NA
Tile or covered drains..... projects reporting...	17	1	NA	NA	NA
length, miles...	117.0	4	NA	NA	NA
Levees or dikes..... projects reporting...	4	2	NA	NA	NA
length, miles...	4.7	7	NA	NA	NA
Pumps..... projects reporting...	5	NA	NA	NA	NA
number of pumps...	5	NA	NA	NA	NA
Other (see text)..... projects reporting...	4	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	141	NA	NA	NA	NA
dollars...	15,863,720	7,711,984	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	14,047,181	12,002,949	5,700,805
Physical works:					
Open ditches..... length, miles...	NA	NA	4,906.3	3,661.8	2,728.5
Tile drains..... length, miles...	NA	NA	14.1	8.5	...
Levees and dikes..... length, miles...	NA	NA	61.7	215.9	59.8
Pumping units..... number of units...	NA	25	11	53	...

NA Not available.

¹Not fully comparable. See text.²1950 figures exclude 446 projects and 473,639 acres in "irrigation enterprises"; 1940 figures exclude 334,092 acres in "irrigation enterprises"; 1930 figures exclude 87,279 acres in "irrigation enterprises"; 1920 figures exclude 56,000 acres in "irrigation enterprises."³Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	243	5,938,974	495,688	156	5,611,598	103	327,376
2 500 to 999 acres.....	78	51,490	12,989	28	18,897	50	32,593
3 1,000 to 1,999 acres.....	54	71,193	17,329	31	39,063	27	32,130
4 2,000 to 4,999 acres.....	32	99,489	28,315	21	61,701	13	37,788
5 5,000 to 9,999 acres.....	13	96,652	33,294	12	83,828	3	12,824
6 10,000 to 19,999 acres.....	20	277,059	52,417	18	237,472	4	39,587
7 20,000 to 49,999 acres.....	24	777,625	82,811	24	731,213	2	46,412
8 50,000 to 99,999 acres.....	11	735,784	78,421	11	693,884	1	41,900
9 100,000 or more acres.....	11	3,829,682	190,112	11	3,745,540	3	84,142

State Table 3.—DRAINAGE PROJECTS, 1960,

Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	243	5,938,974	495,688	156	5,611,598	103	327,376
2 Drains owned by one landowner.....	130	369,079	166,758	64	261,172	72	107,907
3 Cooperative or mutual drains.....	43	74,170	10,886	24	43,560	22	30,610
4 Legally organized public drains.....	70	5,495,725	318,044	68	5,306,866	9	188,859

State Table 4.—DRAINAGE PROJECTS, 1960,

Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
		Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
				Projects reporting	Acres	Projects reporting	Acres
1 All projects.....	243	5,938,974	495,688	156	5,611,598	103	327,376
2 1960-1959.....	110	194,260	36,018	23	54,032	88	140,228
3 Prior to 1950.....	133	5,744,714	459,670	133	5,557,566	15	187,148

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
225	28,895,392	175	13,031,672	171	3,224.7	17	117.0	4	4.7	5	5	4	1
73	331,711	65	264,146	64	367.2	4	0.4	3	3.7	...	...	1	2
49	263,934	40	222,519	40	347.4	1	0.1	...	...	1	1	1	3
28	418,917	22	311,492	22	216.6	...	...	...	...	...	...	1	4
11	338,164	7	136,314	6	120.5	1	1.0	...	...	1	1	...	5
18	2,127,599	12	996,846	11	764.6	2	1.1	...	...	1	1	...	6
24	2,420,066	12	255,349	12	205.5	1	1.7	...	...	...	...	1	7
11	5,311,387	7	1,190,347	6	232.0	5	110.3	1	1.0	1	1	...	8
11	17,683,614	10	9,654,659	10	970.9	3	2.4	...	...	1	1	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
225	28,895,392	175	13,031,672	171	3,224.7	17	117.0	4	4.7	5	5	4	1
125	1,305,444	113	1,020,577	112	1,685.2	4	0.4	3	3.7	2	2	3	2
32	263,423	26	224,690	26	123.4	1	0.1	...	...	...	...	...	3
68	27,326,525	36	11,786,405	33	1,416.1	12	116.5	1	1.0	3	3	1	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
225	28,895,392	175	13,031,672	171	3,224.7	17	117.0	4	4.7	5	5	4	1
110	1,075,004	108	958,539	108	1,057.4	4	0.4	2	0.2	1	1	1	2
115	27,820,388	67	12,073,133	63	2,167.3	13	116.6	2	4.5	4	4	3	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Anderson	Austin	Bowie	Brazoria	Brazos	Burleson	Calhoun	Cameron	
AREA										
1 Approximate land area.....acres 1960...	168,217,600	682,880	423,680	577,920	910,080	373,120	434,560	343,040	565,120	
2 Land in farms.....acres 1959...	143,217,559	444,650	414,165	351,142	633,166	325,983	371,000	158,054	486,198	
3 Drainage projects.....number 1960...	243	1	5	10	17	9	1	14	9	
4	1950...	543	1	4	1	23	2	...	7	41
5 Total area in drainage projects ¹.....acres served 1960...	6,500,043	1,145	12,540	8,749	476,129	7,412	1,250	92,532	271,226	
6	1950...	5,794,786	1,145	11,140	1,000	374,510	1,768	...	93,099	277,258
7 Area not used for agriculture or not drained.....acres served 1960...	808,913	...	...	...	29,500	...	...	...	5,585
8 Not area drained and used for agriculture.....acres served 1960...	5,691,130	1,145	12,540	8,749	446,629	7,412	1,250	92,532	265,641	
9 Drainage established before 1950.....acres served 1960...	5,372,932	1,145	10,740	2,791	358,736	1,249	...	83,011	263,731	
10 Area added, 1950-1959.....acres served 1960...	318,198	...	1,800	5,958	87,893	6,163	1,250	9,521	1,910	
11 Area served by two or more projects.....acres served 1960...	247,844	...	...	...	3,640	...	...	2,900	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner.....number of projects...	130	1	3	9	7	7	...	3	...	
13	acres served ² ...	369,079	1,145	3,020	7,749	25,581	5,163	...	3,040	...
14 Cooperative or mutual drains.....number of projects...	43	...	1	1	1	2	1	6	2	
15	acres served ² ...	74,170	...	600	1,000	510	2,249	1,250	8,058	1,910
16 Legally organized public drains.....number of projects...	70	...	1	...	9	...	...	5	7
17	acres served ² ...	5,495,725	...	8,920	...	424,178	...	84,334	263,731	
PROJECTS, 1960, BY YEAR STARTED										
18 1960-1959.....number of projects...	110	...	2	6	7	7	1	7	2	
19	acres served ² ...	194,260	...	1,800	3,955	24,491	5,163	1,250	37,535	1,910
20 Prior to 1950.....number of projects...	133	1	3	4	10	2	...	7	7	
21	acres served ² ...	5,744,714	1,145	10,740	4,794	425,778	2,249	...	57,897	263,731
DRAINAGE OPERATIONS, 1950-1959 ³										
22 Cost of drainage works and services.....projects reporting...	225	(⁴)	3	10	17	8	(⁴)	11	9	
23	dollars...	28,895,392	(⁴)	7,155	56,422	4,361,601	47,450	(⁴)	195,183	794,412
24 New drainage works constructed, enlarged, or installed.....projects reporting...	175	(⁴)	2	8	15	8	(⁴)	7	6	
25	dollars...	13,031,672	(⁴)	4,975	51,447	775,034	46,250	(⁴)	139,558	169,912
26 Open ditches.....projects reporting...	171	(⁴)	2	8	14	8	(⁴)	7	6	
27	length, miles...	3,244.7	(⁴)	11.2	140.3	381.7	68.5	(⁴)	35.2	53.0
28 Tile or covered drains.....projects reporting...	17	...	...	...	6	...	...	1	1
29	length, miles...	117.0	...	...	...	9.8	...	0.1	28.4
30 Levees or dikes.....projects reporting...	4	...	...	...	...	...	...	...	...
31	length, miles...	4.7	...	...	...	...	...	...	1
32 Pumps.....projects reporting...	5	...	...	...	1	...	...	...	1
33	number of pumps...	5	...	...	...	1	...	...	1
34 Other (see text).....projects reporting...	4	...	...	...	...	...	...	...	1
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	141	...	2	6	9	1	...	5	7	
36	dollars...	15,863,720	...	2,180	4,975	3,586,567	1,200	...	55,625	624,500

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.⁴Included in State total only.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959-Continued

[See text for comparability of 1960 and 1950 data.]

Item and Census year	Chambers	Colorado	Dallas	Delta	De Witt	Falls	Fannin	Fort Bend	Galveston
AREA									
1 Approximate land area..... acres 1960...	394,880	¹ 608,000	570,880	176,640	582,400	487,040	579,840	551,680	274,560
2 Land in farms..... acres 1959...	350,064	¹ 609,762	277,641	146,901	573,303	412,244	469,289	545,759	125,677
3 Drainage projects..... number 1960...	5	2	6	3	1	2	4	11	6
4 1950...	21	18	18	3	1	1	3	19	6
5 Total area in drainage projects ² acres served 1960...	320,200	608,000	9,116	9,946	1,200	1,500	19,235	551,680	77,226
6 1950...	392,000	603,469	226	10,541	600	20	16,735	24,515	73,865
7 Area not used for agriculture or not drained..... acres served 1960...	33,000	...	...	...	600	...	...	4,500	3,500
8 Net area drained and used for agriculture..... acres served 1960...	287,200	608,000	9,116	9,946	600	1,500	19,235	547,180	73,726
9 Drainage established before 1950..... acres served 1960...	287,200	608,000	6,925	9,946	600	...	16,735	547,180	71,992
10 Area added, 1950-1959..... acres served 1960...	...	...	2,191	...	...	1,500	2,500	...	1,734
11 Area served by two or more projects..... acres served 1960...	43,219	771	...	...	...	...	...	31,850	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	4	...	6	...	...	2	1	7	2
13 acres served ³ ...	44,419	...	9,116	...	...	1,500	2,500	29,945	5,192
14 Cooperative or mutual drains..... number of projects...	...	1	...	...	...	...	...	3	1
15 acres served ³...	...	771	...	...	...	...	...	1,905	1,734
16 Legally organized public drains..... number of projects...	1	1	...	3	1	...	3	1	3
17 acres served ³ ...	286,000	608,000	...	9,946	600	...	16,735	547,180	66,800
PROJECTS, 1960, BY YEAR STARTED									
18 1950-1959..... number of projects...	...	1	3	...	...	2	1	4	1
19 acres served ³...	...	771	2,191	...	...	1,500	2,500	2,635	1,734
20 Prior to 1950..... number of projects...	5	1	3	3	1	...	3	7	5
21 acres served ³ ...	330,419	¹ 608,000	6,925	9,946	600	...	16,735	576,395	71,992
DRAINAGE OPERATIONS, 1950-1959 ⁴									
22 Cost of drainage works and services..... projects reporting...	4	2	6	3	1	(5)	3	10	5
23 dollars...	2,856,456	219,049	38,320	4,747	10,000	(5)	46,099	3,883,558	589,011
24 New drainage works constructed, enlarged, or installed..... projects reporting...	4	2	6	...	...	(5)	(5)	9	4
25 dollars...	618,981	27,034	17,400	...	...	(5)	(5)	2,583,908	145,300
26 Open ditches..... projects reporting...	4	2	6	...	...	(5)	(5)	9	3
27 length, miles...	242.4	10.5	29.7	...	...	(5)	(5)	838.2	33.1
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	4	1
29 length, miles...	...	...	...	...	...	...	...	0.4	1.0
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	2	...	...	...	...	...	...	...	...
33 number of pumps...	2	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	1	...	...	(5)	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	3	2	5	3	1	...	2	7	4
36 dollars...	2,237,475	192,015	20,920	4,747	10,000	...	1,329	1,299,650	443,711

¹The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

⁵Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959-Continued

[See text for comparability of 1960 and 1950 data]

Item and Census year	Grimes	Hardeman	Hardin	Harris	Henderson	Hidalgo	Houston	Jackson	Jefferson	
AREA										
1 Approximate land area.....acres 1960...	512,640	438,400	572,800	1,095,040	599,040	986,240	788,480	² 546,560	604,800	
2 Land in farms.....acres 1959...	424,485	375,791	175,904	667,255	373,735	810,422	484,516	² 561,188	422,292	
3 Drainage projects..... number 1960...	3	1	1	9	3	3	19	10	7	
4	1950...	...	...	46	...	69	2	15	30
5 Total area in drainage projects ² acres served 1960...	1,999	625	860	1,095,040	2,300	384,800	48,137	188,572	357,274	
6	1950...	...	...	1,012,261	...	496,045	2,800	174,264	320,270
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	478,040	...	22,000	...	...	56,350
8 Net area drained and used for agriculture..... acres served 1960...	1,999	625	860	617,000	2,300	362,800	48,137	188,572	300,924	
9 Drainage established before 1950..... acres served 1960...	1,369	625	...	617,000	...	362,800	12,300	170,500	300,924	
10 Area added, 1950-1959..... acres served 1960...	630	...	860	...	2,300	...	35,837	18,072	...	
11 Area served by two or more projects..... acres served 1960...	...	...	...	16,992	...	70,200	...	5,400	960
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner..... number of projects...	3	1	1	8	3	...	14	1	1	
13	acres served ³ ...	1,999	625	860	16,992	2,300	...	34,137	4,700	960
14 Cooperative or mutual drains..... number of projects...	...	...	...	...	...	...	3	3	1
15	acres served ³...	...	...	...	...	...	5,276	2,435	2,100
16 Legally organized public drains..... number of projects...	...	...	...	1	...	3	2	6	5
17	acres served ³...	...	...	617,000	...	433,000	8,724	186,837	298,824
PROJECTS, 1960, BY YEAR STARTED										
18 1950-1959..... number of projects...	1	...	1	6	3	...	16	4	...	
19	acres served ³ ...	630	...	860	9,872	2,300	...	34,837	7,135	...
20 Prior to 1950..... number of projects...	2	1	...	3	...	3	3	6	7	
21	acres served ³ ...	1,369	625	...	624,120	...	433,000	13,300	186,837	301,884
DRAINAGE OPERATIONS, 1950-1959 ⁴										
22 Cost of drainage works and services..... projects reporting...	3	(⁵)	(⁵)	9	3	3	19	10	5	
23	dollars...	6,764	(⁵)	(⁵)	6,567,228	29,000	1,335,826	287,329	674,270	2,322,109
24 New drainage works constructed, enlarged, or installed..... projects reporting...	(⁵)	...	(⁵)	8	3	2	17	7	3	
25	dollars...	(⁵)	...	(⁵)	5,724,528	29,000	323,000	236,921	50,746	721,358
26 Open ditches..... projects reporting...	(⁵)	...	(⁵)	8	3	1	17	7	3	
27	length, miles...	(⁵)	...	(⁵)	179.9	35.2	18.0	200.6	39.2	56.0
28 Tile or covered drains..... projects reporting...	...	...	...	1	...	1	...	...	1
29	length, miles...	...	...	1.0	...	75.0	...	...	0.4
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...	...
31	length, miles...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...
33	number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	3	(⁵)	...	6	...	3	8	6	5	
36	dollars...	2,764	(⁵)	...	842,700	...	1,012,826	50,408	623,524	1,600,751

¹The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

⁵Included in State total only.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959-Continued

[See text for comparability of 1960 and 1950 data]

Item and Census year	Kaufman	Lamar	Liberty	Madison	Mata-gorda	Nueces	Orange	Polk	Refugio
AREA									
1 Approximate land area.....acres 1960...	520,960	579,840	750,720	305,920	729,600	1,536,320	227,840	700,160	1,493,440
2 Land in farms.....acres 1959...	466,555	496,627	532,575	303,213	727,574	1,628,263	95,981	284,155	1,498,301
3 Drainage projects..... number 1960...	3	8	12	6	19	10	1	2	2
4 1960...	...	4	32	...	26	3	6	...	1
5 Total area in drainage projects ² acres served 1960...	2,837	15,531	180,594	10,600	340,524	104,340	208,000	1,969	123,260
6 1960...	...	11,652	194,024	...	227,633	70,090	208,000	...	123,260
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	1,500	...	158,000	...	...
8 Net area drained and used for agriculture..... acres served 1960...	2,837	15,531	180,594	10,600	339,024	104,340	50,000	1,969	123,260
9 Drainage established before 1960..... acres served 1960...	1,037	11,849	149,989	...	261,979	100,840	50,000	1,356	123,260
10 Area added, 1960-1959..... acres served 1960...	1,800	3,682	30,605	10,600	77,045	3,500	...	613	...
11 Area served by two or more projects..... acres served 1960...	...	...	37,992	...	8,220	5,300	...	...	3,600
PROJECTS, 1960, BY TYPE OF ORGANIZATION									
12 Drains owned by one landowner..... number of projects...	3	1	8	4	12	3	...	2	1
13 acres served ³ ...	2,837	2,319	49,134	4,600	27,044	2,000	...	1,969	3,600
14 Cooperative or mutual drains..... number of projects...	...	4	...	2	3	5	...	...	...
15 acres served ³...	...	3,368	...	6,000	7,600	6,800	...	...	...
16 Legally organized public drains..... number of projects...	...	3	4	...	4	2	1	...	1
17 acres served ³...	...	9,844	169,452	...	312,600	100,840	50,000	...	123,260
PROJECTS, 1960, BY YEAR STARTED									
18 1960-1959..... number of projects...	2	3	1	6	8	4	...	1	1
19 acres served ³ ...	1,800	3,682	530	10,600	12,645	5,300	...	613	3,600
20 Prior to 1960..... number of projects...	1	5	11	...	11	6	1	1	1
21 acres served ³ ...	1,037	11,849	218,056	...	334,599	104,340	50,000	1,356	123,260
DRAINAGE OPERATIONS, 1950-1959 ⁴									
22 Cost of drainage works and services..... projects reporting...	3	6	12	6	18	9	1	(⁵)	(⁵)
23 dollars...	14,848	22,655	531,903	72,500	803,795	150,460	1,200,000	(⁵)	(⁵)
24 New drainage works constructed, enlarged, or installed..... projects reporting...	5	3	9	6	14	5	1	(⁵)	(⁵)
25 dollars...	8,600	17,593	129,120	69,102	128,055	61,700	360,000	(⁵)	(⁵)
26 Open ditches..... projects reporting...	3	3	9	6	14	4	1	(⁵)	(⁵)
27 length, miles...	16.5	37.8	203.4	54.6	78.8	17.7	134.0	(⁵)	(⁵)
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	1	...	...
29 length, miles...	..	...	...	...	...	...	0.9	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	1	1	(⁵)	...
31 length, miles...	...	...	...	...	...	3.5	1.0	(⁵)	...
32 Pumps..... projects reporting...	1	...	...	...	...	...	...	...	...
33 number of pumps...	1	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	3	4	9	2	11	7	1	(⁵)	(⁵)
36 dollars...	6,248	5,062	402,783	3,398	675,740	88,760	840,000	(⁵)	(⁵)

¹The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

⁵Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959 -Continued

[See text for comparability of 1960 and 1950 data]

Item and Census year	Robertson	Rockwall	San Patriacio	Victoria	Waller	Ward	Washington	Wharton	Willacy	All other counties ¹
AREA										
1 Approximate land area.....acres 1960...	558,720	94,080	² 435,200	571,520	324,480	529,280	391,040	² 690,560	380,800	25,620,480
2 Land in farms.....acres 1959...	392,427	86,703	² 549,114	551,046	287,496	469,531	339,225	² 710,574	373,751	22,578,930
3 Drainage projects..... number 1960...	9	1	3	8	4	1	1	4	1	...
4 1950...	1	...	3	5	6	2	...	31	7	111
5 Total area in drainage projects ³ acres served 1960...	9,351	766	58,407	165,813	2,920	32,478	900	690,560	2,500	...
6 1950...	1,062	...	58,407	136,123	3,535	37,645	...	690,560	21,583	123,681
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	1,360	...	...	12,478	...	2,500	...	...
8 Not area drained and used for agriculture..... acres served 1960...	9,351	766	57,047	165,813	2,920	20,000	900	688,060	2,500	...
9 Drainage established before 1950..... acres served 1960...	3,737	766	57,047	165,813	1,700	20,000	...	688,060	...	...
10 Area added, 1950-1959..... acres served 1960...	5,614	...	...	...	1,220	...	900	...	2,500	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	2,500	...	...	...	14,300	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner..... number of projects...	7	1	...	4	3	...	1	2	1	...
13 acres served ⁴ ...	7,347	766	...	47,500	2,320	...	900	13,300	2,500	...
14 Cooperative or mutual drains..... number of projects...	2	...	...	1	1	...	...	1	...	...
15 acres served ⁴ ...	2,004	...	...	17,000	600	...	...	1,000	...	...
16 Legally organized public drains..... number of projects...	...	...	3	3	...	1	...	1	...	...
17 acres served ⁴...	...	...	57,047	103,813	...	20,000	...	688,060	...	...
PROJECTS, 1960, BY YEAR STARTED										
18 1950-1959..... number of projects...	6	...	...	2	2	...	1	...	1	...
19 acres served ⁴ ...	5,301	...	...	2,500	1,220	...	900	...	2,500	...
20 Prior to 1950..... number of projects...	3	1	3	6	2	1	...	4	...	...
21 acres served ⁴ ...	4,050	766	57,047	165,813	1,700	20,000	...	702,360	...	...
DRAINAGE OPERATIONS, 1950-1959 ⁵										
22 Cost of drainage works and services..... projects reporting...	9	(⁶)	3	6	3	1	(⁶)	4	(⁶)	...
23 dollars...	78,943	(⁶)	129,139	725,890	12,201	54	(⁶)	442,902	(⁶)	...
24 New drainage works constructed, enlarged, or installed..... projects reporting...	8	(⁶)	...	5	3	...	(⁶)	1	(⁶)	...
25 dollars...	49,643	(⁶)	...	74,450	11,701	...	(⁶)	60,000	(⁶)	...
26 Open ditches..... projects reporting...	8	(⁶)	...	5	3	...	(⁶)	1	(⁶)	...
27 length, miles...	52.9	(⁶)	...	97.8	10.5	...	(⁶)	30.0	(⁶)	...
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	1	...	...	...	...	...
31 length, miles...	...	...	...	...	0.1	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	1	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	7	(⁶)	3	5	1	1	(⁶)	4	...	...
36 dollars...	29,300	(⁶)	129,139	651,440	500	54	(⁶)	382,902	...	...

¹Includes Atascosa, Bexar, Brown, Castro, Crosby, Dawson, Deaf Smith, Dimmit, El Paso, Gonzales, Hale, Hookley, Hudspeth, Lamb, Lampasas, Lubbock, Lynn, McLennan, Mason, Maverick, Menard, Pecos, Randall, Reeves, Starr, Swisher, Tarrant, Taylor, Wichita, Williamson, and Zapata counties.

²The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.

³Land served by two or more projects counted only once.

⁴Acres served by two projects are included for each project. See text.

⁵Includes projects taken over by another project prior to 1960. See text.

⁶Included in State total only.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	52,696,960	52,701,440	52,701,440	52,597,760	52,597,760
Land in farms..... acres...	12,688,518	10,865,165	7,302,007	5,613,101	5,050,410
Drainage projects..... number...	9	471	36	NA	NA
Total area in drainage projects..... acres served...	68,910	302,158	202,058	156,052	113,823
Area not used for agriculture or not drained..... acres served...	2,000	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	66,910	NA	¹ 140,148	¹ 109,518	NA
Drainage established 10 years or more before Census date..... acres served...	66,390	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	520	NA	NA	NA	NA
Area served by two or more projects..... acres served...	...	5,292	2,092	...	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	...	² 4	NA	NA	NA
acres served...	...	² 4,120	² 12,020	11,200	8,304
Cooperative or mutual drains..... number of projects...	1	² 7	...	...	...
acres served...	1,300	² 16,070	...	...	...
Legally organized public drains..... number of projects...	8	² 25	NA	NA	NA
acres served...	² 65,610	² 130,003	² 148,677	144,852	105,519
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	8	² 28	NA	NA	NA
acres served...	65,870	² 142,309	199,755	130,488	750
Started within 10 years of Census date..... number of projects...	1	² 8	NA	NA	NA
acres served...	1,040	² 7,884	² 303	25,564	113,073
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	5	² 30	NA	NA	NA
dollars...	558,392	836,973	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	3	³ 13	NA	NA	NA
cost, dollars...	350,197	³ 29,181	NA	NA	NA
Open ditches..... projects reporting...	2	12	NA	NA	NA
length, miles...	60.9	29	NA	NA	NA
Tile or covered drains..... projects reporting...	2	3	NA	NA	NA
length, miles...	3.6	5	NA	NA	NA
Levees or dikes..... projects reporting...	...	...	NA	NA	NA
length, miles...	...	...	NA	NA	NA
Pumps..... projects reporting...	...	NA	NA	NA	NA
number of pumps...	...	NA	NA	NA	NA
Other (see text)..... projects reporting...	...	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	5	NA	NA	NA	NA
dollars...	208,195	807,792	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	⁴ 869,273	4,772,000	1,005,473
Physical works:					
Open ditches..... length, miles...	NA	NA	267.8	304.3	120.3
Tile drains..... length, miles...	NA	NA	1,618.6	1,944.5	599.1
Levees and dikes..... length, miles...	NA	NA	5.0	2.0	2.0
Pumping units..... number of units...	NA	(²)	...	...	NA

NA Not available.

¹Not fully comparable. See text.

²In 1950, figures exclude 435 projects and 151,965 acres in "irrigation enterprises"; in 1940, figures exclude 41,361 acres in "irrigation enterprises."

³Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	9	66,910	...	9	66,390	1	520
2	500 to 999 acres.....	...	...	...	...	...	...	...
3	1,000 to 1,999 acres.....	6	8,110	...	6	7,590	1	520
4	2,000 to 4,999 acres.....	1	2,800	...	1	2,800	...	...
5	5,000 to 9,999 acres.....	...	...	...	...	...	...	...
6	10,000 to 19,999 acres.....	1	12,000	...	1	12,000	...	...
7	20,000 to 49,999 acres.....	1	44,000	...	1	44,000	...	...
8	50,000 to 99,999 acres.....	...	...	...	...	...	...	...
9	100,000 or more acres.....	...	...	...	...	...	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	9	66,910	...	9	66,390	1	520
2	Drains owned by one landowner.....	...	...	...	...	...	...	...
3	Cooperative or mutual drains.....	1	1,300	...	1	1,300	...	...
4	Legally organized public drains.....	8	65,610	...	8	65,090	1	520

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	9	66,910	...	9	66,390	1	520
2	1960-1959.....	1	1,040	...	1	520	1	520
3	Prior to 1950.....	8	65,870	...	8	65,870	...	...

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959										
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting		
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number			
5	558,392	3	350,197	2	60.9	2	3.6	...	...	...	...	...	1	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
2	272,460	2	269,197	1	6.4	2	3.6	...	...	...	...	...	...	3
1	2,176	...	...	...	...	...	...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
1	130,463	...	...	...	...	...	...	...	...	...	...	...	...	6
1	153,293	1	81,000	1	54.5	...	...	...	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959										
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting		
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number			
5	558,392	3	350,197	2	60.9	2	3.6	...	...	...	...	...	1	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
5	558,392	3	350,197	2	60.9	2	3.6	...	...	...	...	...	...	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959										
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting		
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number			
5	558,392	3	350,197	2	60.9	2	3.6	...	...	...	...	...	1	
1	270,000	1	268,000	1	6.4	1	3.4	...	...	...	...	...	...	2
4	288,392	2	82,197	1	54.5	1	0.2	...	...	...	...	...	...	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1960 data]

Item and Census year	The State	Box Elder	Cache	Davis	Millard	Piute	Sevier	All other counties ¹
AREA								
1 Approximate land area.....acres 1960...	52,696,960	3,580,160	752,000	² 171,520	4,254,720	481,920	1,236,480	31,799,040
2 Land in farms.....acres 1959...	12,688,518	1,698,855	428,790	² 277,991	593,390	79,093	240,199	7,451,542
3 Drainage projects..... number 1960...	9	3	1	2	1	1	1	...
4..... 1950...	471	45	45	62	10	4	33	275
5 Total area in drainage projects ³ acres served 1960...	68,910	16,100	1,000	2,570	46,000	1,800	1,440	...
6..... 1950...	302,158	46,250	26,064	16,683	116,344	2,280	21,504	73,033
7 Area not used for agriculture or not drained..... acres served 1960...	2,000	...	...	...	2,000	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	66,910	16,100	1,000	2,570	44,000	1,800	1,440	...
9 Drainage established before 1950..... acres served 1960...	66,390	16,100	1,000	2,050	44,000	1,800	1,440	...
10 Area added, 1950-1959..... acres served 1960...	520	...	...	520	...	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...
13..... acres served ⁴...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	1	1	...	...	...	...	...	...
15..... acres served ⁴ ...	1,300	1,300	...	...	...	...	...	...
16 Legally organized public drains..... number of projects...	8	2	1	2	1	1	1	...
17..... acres served ⁴ ...	65,610	14,800	1,000	2,570	44,000	1,800	1,440	...
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959..... number of projects...	1	...	...	1	...	...	...	...
19..... acres served ⁴ ...	1,040	...	...	1,040	...	...	...	...
20 Prior to 1950..... number of projects...	8	3	1	1	1	1	1	...
21..... acres served ⁴ ...	65,870	16,100	1,000	1,530	44,000	1,800	1,440	...
DRAINAGE OPERATIONS, 1950-1959 ⁵								
22 Cost of drainage works and services..... projects reporting...	5	2	1	1	1	...	...	...
23..... dollars...	558,392	132,639	2,460	270,000	153,293	...	...	...
24 New drainage works constructed, enlarged, or installed..... projects reporting...	3	...	1	1	1	...	...	...
25..... dollars...	350,197	...	1,197	268,000	81,000	...	...	...
26 Open ditches..... projects reporting...	2	...	...	1	1	...	...	...
27..... length, miles...	60.9	...	...	6.4	54.5	...	...	...
28 Tile or covered drains..... projects reporting...	2	...	1	1	...	...	...	...
29..... length, miles...	3.6	...	0.2	3.4	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...	...
31..... length, miles...	...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...
33..... number of pumps...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	5	2	1	1	1	...	...	...
36..... dollars...	208,195	132,639	1,263	2,000	72,293	...	...	...

¹Includes Carbon, Duchesne, Emery, Garfield, Grand, Juab, Kane, Rich, Salt Lake, Sanpete, Summit, Tooele, Uintah, Utah, Washington, Wayne, and Weber counties.²The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.³Land served by two or more projects counted only once.⁴Acres served by two projects are included for each project. See text.⁵Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area.....acres...	25,496,320	25,531,520	25,535,360	25,767,680	25,767,680
Land in farms.....acres...	13,125,802	15,572,295	16,444,907	16,728,620	18,561,112
Drainage projects.....number...	66	30	2	NA	...
Total area in drainage projects.....acres served...	98,478	45,460	15,714	15,042	...
Area not used for agriculture or not drained.....acres served...	5,700	NA	NA	NA	...
Net area drained and used for agriculture.....acres served...	92,778	NA	¹ 15,714	¹ 5,704	...
Drainage established 10 years or more before Census date.....acres served...	40,807	NA	NA	NA	...
Drainage established within 10 years of Census date.....acres served...	51,971	NA	NA	NA	...
Area served by two or more projects.....acres served...	9,198	...	...	...	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner.....number of projects...	5	...	...	NA	...
acres served...	7,286	...	...	3,304	...
Cooperative or mutual drains.....number of projects...	59	28	...	...	...
acres served...	82,289	29,739	...	...	...
Legally organized public drains.....number of projects...	2	2	2	NA	...
acres served...	12,401	15,721	15,714	11,738	...
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date.....number of projects...	28	3	2	NA	...
acres served...	38,259	19,521	15,714	3,304	...
Started within 10 years of Census date.....number of projects...	38	27	...	NA	...
acres served...	63,717	25,939	...	11,738	...
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services.....projects reporting...	54	28	NA	NA	...
dollars...	401,765	111,394	NA	NA	...
New drainage works constructed, enlarged, or installed.....projects reporting...	22	² 27	NA	NA	...
cost, dollars...	215,992	² 95,794	NA	NA	...
Open ditches.....projects reporting...	22	27	NA	NA	...
length, miles...	45.2	59	NA	NA	...
Tile or covered drains.....projects reporting...	...	...	NA	NA	...
length, miles...	...	...	NA	NA	...
Levees or dikes.....projects reporting...	...	...	NA	NA	...
length, miles...	...	...	NA	NA	...
Pumps.....projects reporting...	...	NA	NA	NA	...
number of pumps...	...	NA	NA	NA	...
Other (see text).....projects reporting...	2	NA	NA	NA	...
Cost of maintenance, operation, repair, and administration.....projects reporting...	46	NA	NA	NA	...
dollars...	185,773	15,600	NA	NA	...
STATUS ON CENSUS DATE					
Capital investment.....dollars...	NA	NA	201,300	241,608	...
Physical works:					
Open ditches.....length, miles...	NA	NA	46.7	40.0	...
Tile drains.....length, miles...	NA	NA	...	...	...
Levees and dikes.....length, miles...	NA	NA	...	...	...
Pumping units.....number of units...	NA	...	...	...	...

NA Not available.

¹Not fully comparable. See text.

²Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	66	101,976	18,396	36	45,479	37	56,497
2	500 to 999 acres.....	43	29,435	7,248	22	15,496	22	13,939
3	1,000 to 1,999 acres.....	11	14,792	3,493	8	9,217	5	5,575
4	2,000 to 4,999 acres.....	7	21,948	565	3	5,953	6	15,995
5	5,000 to 9,999 acres.....	4	25,553	7,090	2	4,565	4	20,988
6	10,000 to 19,999 acres.....	1	10,248	...	1	10,248	...	...
7	20,000 to 49,999 acres.....	...	...	...	...	...	...	...
8	50,000 to 99,999 acres.....	...	...	...	...	...	...	...
9	100,000 or more acres.....	...	...	...	...	...	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	66	101,976	18,396	36	45,479	37	56,497
2	Drains owned by one landowner.....	5	7,286	...	5	6,536	1	750
3	Cooperative or mutual drains.....	59	82,289	18,396	29	26,542	36	55,747
4	Legally organized public drains.....	2	12,401	...	2	12,401	...	...

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	66	101,976	18,396	36	45,479	37	56,497
2	1950-1959.....	38	63,717	13,924	8	8,553	35	55,164
3	Prior to 1950.....	28	38,259	4,472	28	36,926	2	1,333

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Accomack	Halifax	Norfolk	Northampton	Princess Anne	Southampton
AREA							
1 Approximate land area.....acres 1960...	25,496,320	300,800	513,280	263,680	144,640	163,200	388,480
2 Land in farms.....acres 1959...	13,125,802	112,191	402,534	75,775	67,066	60,383	260,793
3 Drainage projects..... number 1960...	66	1	1	15	2	48	2
4 1950...	30	...	...	9	...	21	...
5 Total area in drainage projects ¹ acres served 1960...	98,478	700	500	39,354	1,950	52,314	3,660
6 1950...	45,460	...	...	24,477	...	20,983	...
7 Area not used for agriculture or not drained..... acres served 1960...	5,700	...	...	...	...	5,700	...
8 Not area drained and used for agriculture..... acres served 1960...	92,778	700	500	39,354	1,950	46,614	3,660
9 Drainage established before 1950..... acres served 1960...	40,807	...	...	20,787	...	20,020	...
10 Area added, 1950-1959..... acres served 1960...	51,971	700	500	18,567	1,950	26,594	3,660
11 Area served by two or more projects..... acres served 1960...	9,198	...	...	...	...	9,198	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION							
12 Drains owned by one landowner..... number of projects...	5	...	...	5	...	...	...
13 acres served ² ...	7,286	...	...	7,286	...	...	...
14 Cooperative or mutual drains..... number of projects...	59	1	1	8	2	47	2
15 acres served ² ...	82,289	700	500	20,037	1,950	55,442	3,660
16 Legally organized public drains..... number of projects...	2	...	...	2	...	1	...
17 acres served ² ...	12,401	...	...	12,031	...	370	...
PROJECTS, 1960, BY YEAR STARTED							
18 1960-1959..... number of projects...	38	1	1	5	2	28	2
19 acres served ² ...	63,717	700	500	17,234	1,950	39,673	3,660
20 Prior to 1960..... number of projects...	28	...	...	10	...	20	...
21 acres served ² ...	38,259	...	...	22,120	...	16,139	...
DRAINAGE OPERATIONS, 1950-1959 ³							
22 Cost of drainage works and services..... projects reporting...	54	1	1	12	2	37	2
23 dollars...	401,765	3,742	2,100	63,854	50,362	255,719	25,988
24 New drainage works constructed, enlarged, of installed..... projects reporting...	22	1	1	5	2	12	2
25 dollars...	215,992	3,742	1,000	40,655	50,362	96,245	23,988
26 Open ditches..... projects reporting...	22	1	1	5	2	12	2
27 length, miles...	45.2	1.6	0.6	22.6	6.3	8.6	5.5
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	...
29 length, miles...	...	...	...	...	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	...
31 length, miles...	...	...	...	...	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	2	...	...	...	2	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	46	...	1	8	...	37	1
36 dollars...	185,773	...	1,100	23,199	...	159,474	2,000

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	42,693,760	42,743,040	42,865,280	42,775,040	42,775,040
Land in farms..... acres...	18,716,972	17,369,245	15,181,815	13,533,778	13,244,720
Drainage projects..... number...	122	533	165	NA	NA
Total area in drainage projects..... acres served...	254,482	431,613	405,709	367,242	94,924
Area not used for agriculture or not drained..... acres served...	13,300	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	241,182	NA	¹ 380,964	¹ 351,898	NA
Drainage established 10 years or more before Census date..... acres served...	227,696	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	13,486	NA	NA	NA	NA
Area served by two or more projects..... acres served...	1,300	30,907	27,631	27,609	10,553
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	2	² 1	NA	NA	NA
acres served...	1,375	² 1,280	² 1,280	² 1,200	1,100
Cooperative or mutual drains..... number of projects...	20	² 9	...	...	...
acres served...	20,374	² 8,205	...	...	...
Legally organized public drains..... number of projects...	100	² 130	NA	NA	NA
acres served...	220,733	² 263,423	² 264,039	² 275,642	93,824
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	108	² 124	NA	NA	NA
acres served...	223,895	² 248,497	390,883	288,599	² 43,166
Started within 10 years of Census date..... number of projects...	14	² 16	NA	NA	NA
acres served...	18,587	² 24,411	14,826	78,643	² 45,258
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	114	² 131	NA	NA	NA
dollars...	4,404,324	1,541,318	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	49	³ 24	NA	NA	NA
cost, dollars...	1,304,272	³ 203,873	NA	NA	NA
Open ditches..... projects reporting...	38	23	NA	NA	NA
length, miles...	97.8	55	NA	NA	NA
Tile or covered drains..... projects reporting...	6	4	NA	NA	NA
length, miles...	8.5	4	NA	NA	NA
Levees or dikes..... projects reporting...	11	4	NA	NA	NA
length, miles...	30.7	4	NA	NA	NA
Pumps..... projects reporting...	13	NA	NA	NA	NA
number of pumps...	17	NA	NA	NA	NA
Other (see text)..... projects reporting...	18	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	108	NA	NA	NA	NA
dollars...	3,100,052	1,337,445	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment..... dollars...	NA	NA	5,332,842	4,637,576	1,397,419
Physical works:					
Open ditches..... length, miles...	NA	NA	885.0	746.7	162.4
Tile drains..... length, miles...	NA	NA	179.0	199.2	83.0
Levees and dikes..... length, miles...	NA	NA	72.4	78.8	...
Pumping units..... number of units...	NA	² 43	24	18	...

NA Not available.

¹Not fully comparable. See text.²1950 figures exclude 393 projects and 158,705 acres in "irrigation enterprises"; 1940 figures exclude 140,390 acres in "irrigation enterprises"; 1930 figures exclude 90,000 acres in "irrigation enterprises" and 400 acres classed as "other"; 1920 figures exclude 6,500 acres for which date of organization was not reported.³Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	122	242,482	2,600	112	228,996	17	13,486
2	500 to 999 acres.....	50	34,970	...	43	29,595	10	5,375
3	1,000 to 1,999 acres.....	35	50,138	1,300	33	47,208	4	2,930
4	2,000 to 4,999 acres.....	25	73,502	...	24	69,042	2	4,460
5	5,000 to 9,999 acres.....	11	72,372	1,300	11	71,651	1	721
6	10,000 to 19,999 acres.....	1	11,500	...	1	11,500	...	...
7	20,000 to 49,999 acres.....	...	...	...	...	...	...	...
8	50,000 to 99,999 acres.....	...	...	...	...	...	...	...
9	100,000 or more acres.....	...	...	...	...	...	...	...

¹Includes projects taken over by another project prior to 1960. See text.

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	122	242,482	2,600	112	228,996	17	13,486
2	Drains owned by one landowner.....	2	1,375	...	1	675	1	700
3	Cooperative or mutual drains.....	20	20,374	...	15	15,674	7	4,700
4	Legally organized public drains.....	100	220,733	2,600	96	212,647	9	8,086

¹Includes projects taken over by another project prior to 1960. See text.

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	122	242,482	2,600	112	228,996	17	13,486
2	1950-1959.....	14	18,587	1,300	4	7,119	12	11,468
3	Prior to 1950.....	108	223,895	1,300	108	221,877	5	2,018

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
114	4,404,324	49	1,304,272	38	97.8	6	8.5	11	30.7	13	17	18	1
44	619,899	17	269,851	14	19.2	3	2.4	6	10.9	4	6	5	2
31	897,815	14	402,215	9	22.8	1	4.9	3	1.3	3	3	7	3
25	1,235,651	12	524,853	10	30.6	1	0.2	2	18.5	5	7	6	4
13	1,538,187	5	80,353	4	24.7	...	...	...	...	1	1	...	5
1	112,772	1	27,000	1	0.5	1	1.0	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
114	4,404,324	49	1,304,272	38	97.8	6	8.5	11	30.7	13	17	18	1
3	205,000	3	125,000	3	5.2	...	...	3	13.1	2	3	1	2
18	191,085	12	93,911	11	16.9	1	0.1	3	3.5	1	1	6	3
93	4,008,239	34	1,085,361	24	75.7	5	8.4	5	14.1	10	13	11	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
114	4,404,324	49	1,304,272	38	97.8	6	8.5	11	30.7	13	17	18	1
14	680,014	13	585,334	11	33.9	4	7.3	4	22.5	4	4	5	2
100	3,724,310	36	718,938	27	63.9	2	1.2	7	8.2	9	13	13	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1960 data]

Item and Census year	The State	Clark	Cowlitz	Grant	Grays Harbor	Island	Jefferson
AREA							
1 Approximate land area.....acres 1960...	42,693,760	403,200	731,520	1,721,600	1,219,200	131,840	1,159,680
2 Land in farms.....acres 1959...	18,716,972	188,479	80,176	1,075,642	99,529	38,702	35,123
3 Drainage projects..... number 1960...	122	11	5	1	2	7	2
4 1950...	533	22	10	2	6	5	6
5 Total area in drainage projects ¹ acres served 1960...	254,482	17,960	25,482	1,280	2,336	7,245	6,990
6 1950...	431,613	12,300	10,269	1,405	2,356	3,080	7,090
7 Area not used for agriculture or not drained acres served 1960...	13,300	...	10,000	...	...	...	...
8 Net area drained and used for agriculture acres served 1960...	241,182	17,960	15,482	1,280	2,336	7,245	6,990
9 Drainage established before 1950 acres served 1960...	227,696	11,425	15,482	1,280	2,336	7,245	6,990
10 Area added, 1950-1959 acres served 1960...	13,486	6,535	...	...	...	...	...
11 Area served by two or more projects..... acres served 1960...	1,300	...	1,300	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION							
12 Drains owned by one landowner number of projects...	2	1	...	...	...	...	...
13 acres served ² ...	1,375	675	...	...	...	...	...
14 Cooperative or mutual drains number of projects...	20	2	...	1	...	...	1
15 acres served ² ...	20,374	1,850	...	1,280	...	...	960
16 Legally organized public drains number of projects...	100	8	5	...	2	7	1
17 acres served ² ...	220,733	15,435	16,782	...	2,336	7,245	6,030
PROJECTS, 1960, BY YEAR STARTED							
18 1950-1959 number of projects...	14	5	1	...	...	...	...
19 acres served ² ...	18,587	6,535	1,300	...	...	...	...
20 Prior to 1950 number of projects...	108	6	4	1	2	7	2
21 acres served ² ...	223,895	11,425	15,482	1,280	2,336	7,245	6,990
DRAINAGE OPERATIONS, 1950-1959 ³							
22 Cost of drainage works and services .....projects reporting...	114	12	5	1	2	6	(⁴)
23 dollars ...	4,404,324	532,821	1,322,171	12,000	8,416	26,427	(⁴)
24 New drainage works constructed, enlarged, or installed .....projects reporting...	49	10	2	...	...	2	...
25 dollars ...	1,304,272	448,008	72,368	...	...	10,633	...
26 Open ditches.....projects reporting...	38	9	1	...	...	2	...
27 length, miles ...	97.8	21.6	9.0	...	...	2.5	...
28 Tile or covered drains.....projects reporting...	6	3	...	...	...	...	...
29 length, miles ...	8.5	2.4	...	...	...	...	...
30 Levees or dikes.....projects reporting...	11	5	...	...	...	...	...
31 length, miles ...	30.7	28.1	...	...	...	...	...
32 Pumps .....projects reporting...	13	4	1	...	...	1	...
33 number of pumps ...	17	5	1	...	...	1	...
34 Other (see text).....projects reporting...	18	5	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	108	12	5	1	2	6	(⁴)
36 dollars ...	3,100,052	84,813	1,249,803	12,000	8,416	15,794	(⁴)

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.
⁴Included in State total only.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	King	Klickitat	Lewis	Pacific	Pierce	San Juan	Skagit
AREA							
1 Approximate land area.....acres 1960...	1,365,760	1,219,200	1,566,080	592,000	1,072,640	110,080	1,110,400
2 Land in farms.....acres 1959...	114,719	960,614	255,012	53,348	153,363	45,707	141,770
3 Drainage projects..... number 1960...	8	1	6	9	8	3	14
4 1950...	54	4	20	13	58	2	19
5 Total area in drainage projects ¹ acres served 1960...	17,837	8,234	8,629	11,600	10,036	2,775	51,702
6 1950...	19,064	10,954	8,818	4,586	10,771	2,275	46,809
7 Area not used for agriculture or not drained..... acres served 1960...	2,700	...	...	600	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	15,137	8,234	8,629	11,000	10,036	2,775	51,702
9 Drainage established before 1950..... acres served 1960...	15,137	8,234	8,629	9,600	10,036	2,275	50,774
10 Area added, 1950-1959..... acres served 1960...	...	...	...	1,400	...	500	928
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION							
12 Drains owned by one landowner..... number of projects...	...	...	...	1	...	...	...
13 acres served ²...	...	...	...	700	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	1	6	...	1	1
15 acres served ²...	...	...	809	6,500	...	500	1,100
16 Legally organized public drains..... number of projects...	8	1	5	2	8	2	13
17 acres served ² ...	15,137	8,234	7,820	3,800	10,036	2,275	50,602
PROJECTS, 1960, BY YEAR STARTED							
18 1960-1959..... number of projects...	...	...	...	2	...	1	1
19 acres served ²...	...	...	...	1,400	...	500	630
20 Prior to 1960..... number of projects...	8	1	6	7	8	2	13
21 acres served ² ...	15,137	8,234	8,629	9,600	10,036	2,275	51,072
DRAINAGE OPERATIONS, 1950-1959 ³							
22 Cost of drainage works and services.....projects reporting...	8	1	4	9	8	(⁴)	14
23 dollars...	154,777	10,100	17,943	103,992	93,546	(⁴)	930,827
24 New drainage works constructed, enlarged, or installed.....projects reporting...	1	1	...	5	...	(⁴)	13
25 dollars...	2,000	3,793	...	16,200	...	(⁴)	114,176
26 Open ditches.....projects reporting...	1	1	...	5	...	(⁴)	8
27 length, miles...	0.2	22.5	...	5.5	...	(⁴)	9.5
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	...	1
29 length, miles...	...	...	...	...	...	...	1.0
30 Levees or dikes.....projects reporting...	...	...	...	1	...	...	2
31 length, miles...	...	...	...	0.8	...	...	0.7
32 Pumps.....projects reporting...	...	...	...	...	...	...	5
33 number of pumps...	...	...	...	...	...	...	6
34 Other (see text).....projects reporting...	...	...	...	2	...	...	5
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	8	1	4	7	8	...	14
36 dollars...	152,777	6,307	17,943	87,792	93,546	...	816,651

¹Land served by two or more projects counted only once.

²Acres served by two projects are included for each project. See text.

³Includes projects taken over by another project prior to 1960. See text.

⁴Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Snohomish	Spokane	Stevens	Thurston	Wahkiakum	Whatcom	Yakima	All other counties ¹
AREA								
1 Approximate land area.....acres 1960...	1,344,000	1,128,320	1,591,040	458,880	172,160	1,365,760	2,734,720	16,667,520
2 Land in farms.....acres 1959...	148,604	822,008	803,776	142,170	26,299	185,045	1,884,694	8,684,990
3 Drainage projects.....number 1960...	14	1	2	5	4	20	1	...
4 1950...	23	4	13	6	3	58	90	123
5 Total area in drainage projects ².....acres served 1960...	25,017	525	2,840	6,539	8,126	38,297	1,032	...
6 1950...	20,783	563	3,587	3,285	7,169	33,774	186,806	35,869
7 Area not used for agriculture or not drained.....acres served 1960...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture.....acres served 1960...	25,017	525	2,840	6,539	8,126	38,297	1,032	...
9 Drainage established before 1950.....acres served 1960...	25,017	525	2,540	6,539	8,126	35,506	...	...
10 Area added, 1950-1959.....acres served 1960...	...	...	300	...	...	2,791	1,032	...
11 Area served by two or more projects.....acres served 1960...	...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION								
12 Drains owned by one landowner.....number of projects...	...	...	...	...	...	...	...	...
13 acres served ³..	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains.....number of projects...	1	...	2	...	1	3	...	...
15 acres served ³ ..	750	...	2,840	...	1,100	2,685	...	...
16 Legally organized public drains.....number of projects...	13	1	...	5	3	17	1	...
17 acres served ³ ..	24,267	525	...	6,539	7,026	35,612	1,032	...
PROJECTS, 1960, BY YEAR STARTED								
18 1950-1959.....number of projects...	...	...	...	1	...	2	1	...
19 acres served ³..	...	...	...	800	...	6,390	1,032	...
20 Prior to 1950.....number of projects...	14	1	2	4	4	18	...	...
21 acres served ³ ..	25,017	525	2,840	5,739	8,126	31,907	...	...
DRAINAGE OPERATIONS, 1950-1959 ⁴								
22 Cost of drainage works and services.....projects reporting...	15	...	(⁵)	5	4	16	1	...
23 dollars...	378,043	...	(⁵)	24,229	370,369	157,560	238,590	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	3	...	(⁵)	...	3	6	1	...
25 dollars...	18,500	...	(⁵)	...	291,369	82,872	238,590	...
26 Open ditches.....projects reporting...	2	...	(⁵)	...	2	5	...	...
27 length, miles...	1.4	...	(⁵)	...	8.5	13.1	...	...
28 Tile or covered drains.....projects reporting...	...	...	...	...	...	1	1	...
29 length, miles...	...	...	...	...	...	0.2	4.9	...
30 Levees or dikes.....projects reporting...	2	...	(⁵)	...	...	...	...	...
31 length, miles...	0.6	...	(⁵)	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	2	...	...	...
33 number of pumps...	...	...	...	...	4	...	...	...
34 Other (see text).....projects reporting...	1	...	...	...	3	2	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	15	...	(⁵)	5	3	15	...	...
36 dollars...	359,543	...	(⁵)	24,229	79,000	74,688	...	...

¹Includes Adams, Benton, Chelan, Clallam, Columbia, Douglas, Ferry, Kitsap, Kittitas, Okanogan, Pend Oreille, Walla Walla, and Whitman counties.²Land served by two or more projects counted only once.³Acres served by two projects are included for each project. See text.⁴Includes projects taken over by another project prior to 1960. See text.⁵Included in State total only.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area..... acres...	35,011,200	35,011,200	35,017,600	35,363,840	35,363,840
Land in farms..... acres...	21,156,223	23,221,095	22,876,494	21,874,155	22,148,223
Drainage projects..... number...	235	206	396	NA	NA
Total area in drainage projects..... acres served...	587,803	514,700	761,203	892,713	794,569
Area not used for agriculture or not drained..... acres served...	3,710	NA	NA	NA	NA
Net area drained and used for agriculture..... acres served...	584,093	NA	¹ 561,723	¹ 574,892	NA
Drainage established 10 years or more before Census date..... acres served...	536,444	NA	NA	NA	NA
Drainage established within 10 years of Census date..... acres served...	47,649	NA	NA	NA	NA
Area served by two or more projects..... acres served...	4,770	1,720	11,790	2,985	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner..... number of projects...	7	1	NA	NA	NA
acres served...	8,055	700	² 3,600	5,710	(²)
Cooperative or mutual drains..... number of projects...	17	...	...	...	...
acres served...	23,834	...	...	...	...
Legally organized public drains..... number of projects...	211	205	NA	NA	NA
acres served...	556,974	514,000	² 721,603	887,003	² 790,489
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date..... number of projects...	203	186	NA	NA	NA
acres served...	533,314	471,714	754,393	760,911	³ 462,696
Started within 10 years of Census date..... number of projects...	32	20	NA	NA	NA
acres served...	55,549	42,986	6,810	131,802	³ 329,526
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services..... projects reporting...	140	92	NA	NA	NA
dollars...	1,579,398	610,918	NA	NA	NA
New drainage works constructed, enlarged, or installed..... projects reporting...	45	⁴ 15	NA	NA	NA
cost, dollars...	598,533	⁴ 296,176	NA	NA	NA
Open ditches..... projects reporting...	40	15	NA	NA	NA
length, miles...	261.8	76	NA	NA	NA
Tile or covered drains..... projects reporting...	12	3	NA	NA	NA
length, miles...	78.5	10	NA	NA	NA
Levees or dikes..... projects reporting...	5	...	NA	NA	NA
length, miles...	12.0	...	NA	NA	NA
Pumps..... projects reporting...	5	NA	NA	NA	NA
number of pumps...	8	NA	NA	NA	NA
Other (see text)..... projects reporting...	1	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration..... projects reporting...	118	NA	NA	NA	NA
dollars...	980,865	314,742	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment.....dollars...	NA	NA	4,254,586	6,207,278	4,163,055
Physical works:					
Open ditches..... length, miles...	NA	NA	1,580.7	1,989.4	1,691.3
Tile drains..... length, miles...	NA	NA	282.5	303.4	211.3
Levees and dikes..... length, miles...	NA	NA	8.0	9.0	7.7
Pumping units..... number of units...	NA	...	NA	1	NA

NA Not available.

¹Not fully comparable. See text.

²1940 figures by type of project exclude 36,000 acres reported as "other"; 1920 figures by type of project exclude 4,080 acres reported as "other."

³1920 figures do not include 2,347 acres for which date of organization was not reported.

⁴Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	235	588,863	9,540	209	541,214	36	47,649
2	500 to 999 acres.....	68	48,510	1,230	54	38,895	16	9,615
3	1,000 to 1,999 acres.....	88	124,894	5,010	80	111,917	12	12,977
4	2,000 to 4,999 acres.....	56	165,204	880	52	153,857	6	11,347
5	5,000 to 9,999 acres.....	16	103,960	2,420	16	103,960	...	...
6	10,000 to 19,999 acres.....	6	90,295	...	6	76,585	2	13,710
7	20,000 to 49,999 acres.....	...	...	...	...	...	...	...
8	50,000 to 99,999 acres.....	1	56,000	...	1	56,000	...	...
9	100,000 or more acres.....	...	...	...	...	...	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	235	588,863	9,540	209	541,214	36	47,649
2	Drains owned by one landowner.....	7	8,055	...	2	1,700	6	6,355
3	Cooperative or mutual drains.....	17	23,834	480	7	14,604	12	9,230
4	Legally organized public drains.....	211	556,974	9,060	200	524,910	18	32,064

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	235	588,863	9,540	209	541,214	36	47,649
2	1960-1959.....	32	55,549	2,650	6	10,660	28	44,889
3	Prior to 1950.....	203	533,314	6,890	203	530,554	8	2,760

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
140	1,579,398	45	598,533	40	261.8	12	78.5	5	12.0	5	8	1	1
38	183,110	17	133,974	16	110.7	3	45.2	3	6.8	4	7	1	2
49	298,769	16	194,661	13	74.9	5	25.9	1	3.2	1	1	...	3
37	367,103	7	78,598	6	26.0	1	1.8	...	...	...	...	...	4
10	329,854	2	27,100	2	7.1	1	2.2	...	...	...	...	...	5
5	400,216	3	164,200	3	43.1	2	3.4	1	2.0	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	7
1	346	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
140	1,579,398	45	598,533	40	261.8	12	78.5	5	12.0	5	8	1	1
7	114,900	7	104,500	6	39.5	3	51.1	3	6.8	4	6	...	2
15	124,255	11	82,160	11	115.2	2	12.3	...	...	...	...	1	3
118	1,340,243	27	411,873	23	107.1	7	15.1	2	5.2	1	2	...	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
140	1,579,398	45	598,533	40	261.8	12	78.5	5	12.0	5	8	1	1
32	455,667	29	409,802	28	224.0	6	61.0	4	10.0	4	6	1	2
108	1,123,731	16	188,731	12	37.8	6	17.5	1	2.0	1	2	...	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Adams	Barron	Brown	Buffalo	Burnett	Calumet	Columbia	Dane	Dodge
AREA										
1 Approximate land area.....acres 1960...	35,011,200	433,280	554,240	336,000	455,680	537,600	201,600	497,920	766,080	570,880
2 Land in farms.....acres 1959...	21,156,223	171,812	466,724	292,995	385,678	163,370	190,327	411,128	682,960	501,945
3 Drainage projects..... number 1960...	235	3	2	3	1	1	1	18	33	11
4	1950...	206	2	2	3	...	1	1	16	25
5 Total area in drainage projects ¹ acres served 1960...	587,803	20,510	1,520	4,960	575	1,760	1,060	28,525	61,818	9,047
6	1950...	514,700	17,310	1,520	4,960	...	1,760	1,060	24,130	52,943
7 Area not used for agriculture or not drained..... acres served 1960...	3,710	...	...	...	...	...	...	...	1,200	...
8 Net area drained and used for agriculture..... acres served 1960...	584,093	20,510	1,520	4,960	575	1,760	1,060	28,525	60,618	9,047
9 Drainage established before 1950..... acres served 1960...	536,444	17,310	1,520	4,960	...	1,760	1,060	25,625	56,303	9,047
10 Area added, 1950-1959..... acres served 1960...	47,649	3,200	...	...	575	...	...	2,900	4,315	...
11 Area served by two or more projects..... acres served 1960...	4,770	...	...	...	...	...	...	750	1,900	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner..... number of projects...	7	1	...	...	1	...	...	1	...	...
18	acres served ² ..	8,055	3,200	...	...	575	...	1,000	...	...
14 Cooperative or mutual drains..... number of projects...	17	...	...	...	...	...	...	2	1	1
15	acres served ² ..	23,834	...	...	...	...	...	2,500	600	240
16 Legally organized public drains..... number of projects...	211	2	2	3	...	1	1	15	32	10
17	acres served ² ..	556,974	17,310	1,520	4,960	...	1,760	1,060	25,775	61,918
PROJECTS, 1960, BY YEAR STARTED										
18 1960-1959..... number of projects...	32	1	...	...	1	...	...	4	7	...
19	acres served ² ..	55,549	3,200	...	...	575	...	4,360	8,915	...
20 Prior to 1960..... number of projects...	203	2	2	3	...	1	1	14	26	11
21	acres served ² ..	533,314	17,310	1,520	4,960	...	1,760	1,060	24,915	53,603
DRAINAGE OPERATIONS, 1950-1959 ³										
22 Cost of drainage works and services..... projects reporting...	140	2	...	2	1	...	...	12	26	3
23	dollars...	1,579,398	5,050	...	10,589	10,000	...	104,131	114,266	22,822
24 New drainage works constructed, enlarged, or installed..... projects reporting...	45	1	...	...	1	...	...	7	6	...
25	dollars...	598,533	4,000	...	...	10,000	...	58,413	41,180	...
26 Open ditches..... projects reporting...	40	1	...	...	1	...	...	4	6	...
27	length, miles...	261.8	5.0	...	...	7.7	...	17.0	12.5	...
28 Tile or covered drains..... projects reporting...	12	...	...	...	...	...	...	2	...	...
29	length, miles...	78.5	...	...	...	...	...	13.4	...	...
30 Levees or dikes..... projects reporting...	5	...	...	...	1	...	...	...	...	...
31	length, miles...	12.0	...	...	...	3.3	...	...	...	...
32 Pumps..... projects reporting...	5	...	...	...	1	...	...	2	...	...
33	number of pumps...	8	...	...	...	2	...	3	...	...
34 Other (see text)..... projects reporting...	1	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	118	2	...	2	...	...	...	9	26	3
36	dollars...	980,865	1,050	...	10,589	...	...	45,718	73,086	22,822

¹Land served by two or more projects counted only once.²Acres served by two projects are included for each project. See text.³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Fond du Lac	Green	Green Lake	Jefferson	Juneau	Kenosha	Manitowoc	Marinette	Marquette	Milwaukee
AREA										
1 Approximate land area.....acres 1960...	463,360	375,040	227,200	360,960	508,800	174,720	376,960	888,320	292,480	152,960
2 Land in farms.....acres 1959...	409,776	361,739	188,643	310,500	219,103	123,495	336,144	277,242	213,844	32,848
3 Drainage projects..... number 1960...	13	6	2	45	4	7	3	3	3	3
4 1950...	12	5	2	33	4	6	2	2	1	5
5 Total area in drainage projects ¹ acres served 1960...	14,682	7,800	4,320	65,456	7,180	16,500	4,542	23,040	4,630	2,590
6 1950...	14,412	6,400	4,320	44,980	8,580	15,700	3,510	6,760	700	5,890
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	640	...	540
8 Net area drained and used for agriculture..... acres served 1960...	14,682	7,800	4,320	65,456	7,180	16,500	4,542	22,400	4,630	2,050
9 Drainage established before 1950..... acres served 1960...	14,412	6,600	4,320	64,006	6,280	15,700	3,510	6,120	700	2,050
10 Area added, 1950-1959..... acres served 1960...	270	1,200	1...	1,450	900	800	1,032	16,280	3,930	...
11 Area served by two or more projects..... acres served 1960...	480	...	...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner..... number of projects...	...	...	...	...	1	...	...	...	1	...
13 acres served ²...	...	...	...	...	900	...	...	...	1,160	...
14 Cooperative or mutual drains..... number of projects...	1	...	...	4	...	1	...	...	1	...
15 acres served ² ...	750	...	...	6,884	...	800	...	...	1,560	...
16 Legally organized public drains..... number of projects...	12	6	2	41	3	6	3	3	1	3
17 acres served ² ...	14,412	7,800	4,320	58,572	6,280	15,700	4,542	22,400	1,910	2,050
PROJECTS, 1960, BY YEAR STARTED										
18 1950-1959..... number of projects...	...	1	...	2	1	1	1	2	2	...
19 acres served ²...	...	1,200	...	1,450	900	800	1,032	20,280	3,470	...
20 Prior to 1950..... number of projects...	13	5	2	43	3	6	2	1	1	3
21 acres served ² ...	15,162	6,600	4,320	64,006	6,280	15,700	3,510	2,120	1,160	2,050
DRAINAGE OPERATIONS, 1950-1959 ³										
22 Cost of drainage works and services.....projects reporting...	2	4	1	38	3	5	1	2	3	1
23 dollars...	12,600	53,718	135	78,953	12,400	20,760	18,532	90,493	57,600	820
24 New drainage works constructed, enlarged, or installed.....projects reporting...	(4)	1	...	2	(4)	...	1	2	3	...
25 dollars...	(4)	28,000	...	4,030	(4)	...	18,532	80,000	52,000	...
26 Open ditches.....projects reporting...	(4)	1	...	2	(4)	...	1	2	3	...
27 length, miles...	(4)	5.0	...	4.0	(4)	...	1.3	43.0	40.5	...
28 Tile or covered drains.....projects reporting...	(4)	...	...	...	(4)	...	1	1	1	...
29 length, miles...	(4)	...	...	...	(4)	...	1.9	0.4	7.6	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...	...	...	...	1	...
31 length, miles...	...	...	...	...	...	...	...	...	3.2	...
32 Pumps.....projects reporting...	...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	(4)	3	1	37	(4)	5	...	1	1	1
36 dollars...	(4)	25,718	135	74,923	(4)	20,760	...	10,493	5,600	820

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.
⁴Included in State total only.

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	Monroe	Oconto	Outagamie	Ozaukee	Polk	Portage	Racine	Richland	Rook	Rusk
AREA										
1 Approximate land area.....acres 1960...	585,600	707,840	405,760	150,400	597,760	518,400	215,680	373,760	461,440	582,400
2 Land in farms.....acres 1959...	412,740	325,224	345,935	116,827	438,147	399,278	149,391	351,672	417,586	265,746
3 Drainage projects..... number 1960...	1	4	17	5	3	2	10	1	9	1
4 1950...	1	1	15	5	3	2	9	1	7	1
5 Total area in drainage projects ¹ acres served 1960...	13,000	16,360	38,572	6,870	3,400	58,560	60,280	880	27,840	1,250
6 1950...	13,000	8,960	37,282	6,870	3,400	58,560	52,780	880	24,840	1,250
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	1,330	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	13,000	16,360	37,242	6,870	3,400	58,560	60,280	880	27,840	1,250
9 Drainage established before 1960..... acres served 1960...	13,000	15,360	35,992	6,870	3,400	58,560	59,850	880	24,840	1,250
10 Area added, 1950-1959..... acres served 1960...	...	1,000	1,250	...	...	...	430	...	3,000	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...	...	...	...	...	...
13 acres served ²...	...	...	...	...	...	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	3	2	...	...	...	...	...	1	...
15 acres served ²...	...	7,400	1,250	...	...	...	...	...	1,100	...
16 Legally organized public drains..... number of projects...	1	1	15	5	3	2	10	1	8	1
17 acres served ² ...	13,000	8,960	35,992	6,870	3,400	58,560	60,280	880	26,740	1,250
PROJECTS, 1960, BY YEAR STARTED										
18 1950-1959..... number of projects...	...	2	2	...	...	...	...	...	2	...
19 acres served ²...	...	1,000	1,250	...	...	...	...	...	2,500	...
20 Prior to 1950..... number of projects...	1	2	15	5	3	2	10	1	7	1
21 acres served ² ...	13,000	15,360	35,992	6,870	3,400	58,560	60,280	880	25,340	1,250
DRAINAGE OPERATIONS, 1950-1959 ³										
22 Cost of drainage works and services..... projects reporting...	1	3	6	2	1	1	9	...	8	...
23 dollars...	8,000	14,400	27,052	475	4,101	346	709,509	...	96,057	...
24 New drainage works constructed, enlarged, or installed..... projects reporting...	...	2	2	...	...	...	4	...	5	...
25 dollars...	...	14,200	9,500	...	...	...	132,907	...	49,400	...
26 Open ditches..... projects reporting...	...	2	2	...	...	...	3	...	5	...
27 length, miles...	...	2.9	72.0	...	...	...	13.2	...	14.5	...
28 Tile or covered drains..... projects reporting...	...	...	...	...	...	...	3	...	...	...
29 length, miles...	...	...	...	...	...	...	7.0	...	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	...	...	1	...	...	...
31 length, miles...	...	...	...	...	...	...	2.0	...	...	...
32 Pumps..... projects reporting...	...	...	...	...	...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...	...	...	...	...	...
34 Other (see text)..... projects reporting...	...	1	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	1	1	4	2	1	1	9	...	7	...
36 dollars...	8,000	200	17,552	475	4,101	346	576,602	...	46,657	...

¹Land served by two or more projects counted only once.
²Acres served by two projects are included for each project. See text.
³Includes projects taken over by another project prior to 1960. See text.

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data.]

Item and Census year	Sauk	Shawano	Sheboygan	Walworth	Washington	Waukesha	Waupaca	Waushara	Winnebago	All other counties ¹
AREA										
1 Approximate land area.....acres 1960...	537,600	752,640	323,840	358,400	273,920	355,840	480,640	401,920	290,560	819,840
2 Land in farms.....acres 1959...	460,193	451,245	275,649	306,290	218,120	230,728	367,670	272,880	236,621	572,422
3 Drainage projects..... number 1960...	1	5	5	3	4	8	8	10	4	...
4 1950...	1	5	6	3	5	8	8	9	3	4
5 Total area in drainage projects ² acres served 1960...	4,400	10,990	3,906	13,380	7,200	11,141	9,680	12,650	6,929	...
6 1950...	4,400	10,990	4,546	13,380	8,260	8,574	9,680	12,050	6,179	10,500
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	4,400	10,990	3,906	13,380	7,200	11,141	9,680	12,650	6,929	...
9 Drainage established before 1960..... acres served 1960...	4,400	10,990	3,906	13,380	6,580	7,994	9,680	12,050	6,179	...
10 Area added, 1950-1959..... acres served 1960...	...	...	...	...	620	3,147	...	600	750	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...	...	...	1,640	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION										
12 Drains owned by one landowner..... number of projects...	...	...	...	...	1	...	...	1	...	...
13 acres served ³...	...	...	...	...	620	...	...	600	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	...	...	...	...	...	1	...
15 acres served ³...	...	...	...	...	...	...	...	...	750	...
16 Legally organized public drains..... number of projects...	1	5	5	3	3	8	8	9	3	...
17 acres served ³ ...	4,400	10,990	3,906	13,380	6,580	11,141	9,680	13,690	6,179	...
PROJECTS, 1960, BY YEAR STARTED										
18 1960-1959..... number of projects...	...	...	...	...	1	1	...	1	1	...
19 acres served ³...	...	...	...	...	620	2,647	...	600	750	...
20 Prior to 1960..... number of projects...	1	5	5	3	3	7	8	9	3	...
21 acres served ³ ...	4,400	10,990	3,906	13,380	6,580	8,494	9,680	13,690	6,179	...
DRAINAGE OPERATIONS, 1950-1959 ⁴										
22 Cost of drainage works and services..... projects reporting...	1	1	3	...	3	7	1	2	(⁵)	...
23 dollars...	4,000	12,000	935	...	11,700	19,671	200	54,203	(⁵)	...
24 New drainage works constructed, enlarged, or installed..... projects reporting...	...	...	...	...	(⁵)	2	...	(⁵)	(⁵)	...
25 dollars...	...	...	...	...	(⁵)	12,791	...	(⁵)	(⁵)	...
26 Open ditches..... projects reporting...	...	...	...	...	(⁵)	2	...	(⁵)	(⁵)	...
27 length, miles...	...	...	...	...	(⁵)	4.5	...	(⁵)	(⁵)	...
28 Tile or covered drains..... projects reporting...	...	...	...	...	(⁵)	...	...	(⁵)	...	...
29 length, miles...	...	...	...	...	(⁵)	...	...	(⁵)	...	...
30 Levees or dikes..... projects reporting...	...	...	...	...	(⁵)	...	...	(⁵)	...	...
31 length, miles...	...	...	...	...	(⁵)	...	...	(⁵)	...	...
32 Pumps..... projects reporting...	...	...	...	...	(⁵)	...	...	(⁵)	...	...
33 number of pumps...	...	...	...	...	(⁵)	...	...	(⁵)	...	...
34 Other (see text)..... projects reporting...	...	...	...	...	...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration..... projects reporting...	1	1	3	...	(⁵)	5	1	(⁵)	...	...
36 dollars...	4,000	12,000	935	...	(⁵)	6,880	200	(⁵)	...	...

¹Includes LaCrosse and Wood counties.

²Land served by two or more projects counted only once.

³Acres served by two projects are included for each project. See text.

⁴Includes projects taken over by another project prior to 1960. See text.

⁵Included in State total only.

State Table 1.—DRAINAGE PROJECTS—NUMBER, AREA, COST, AND WORKS, 1920 TO 1960

[See text for comparability of data.]

Item	1960 Census	1950 Census	1940 Census	1930 Census	1920 Census
AREA					
Approximate land area.....acres...	62,343,040	62,403,840	62,403,840	62,430,720	62,430,720
Land in farms.....acres...	36,199,666	34,420,892	28,025,979	23,525,234	11,809,351
Drainage projects.....number...	6	189	25	NA	NA
Total area in drainage projects.....acres served...	23,833	325,981	312,662	245,703	95,474
Area not used for agriculture or not drained.....acres served...	...	NA	NA	NA	NA
Net area drained and used for agriculture.....acres served...	23,833	NA	¹ 287,420	¹ 188,327	NA
Drainage established 10 years or more before Census date.....acres served...	23,833	NA	NA	NA	NA
Drainage established within 10 years of Census date.....acres served...	...	NA	NA	NA	NA
Area served by two or more projects.....acres served...	...	500	...	2,613	...
PROJECTS BY TYPE OF ORGANIZATION					
Drains owned by one landowner.....number of projects...	...	(²)	NA	NA	NA
acres served...	...	(²)	(²)	(²)	² 500
Cooperative or mutual drains.....number of projects...	...	² 2	...	...	...
acres served...	...	² 2,669	...	...	...
Legally organized public drains.....number of projects...	6	² 17	NA	NA	NA
acres served...	23,833	² 84,116	² 88,803	² 89,908	² 60,834
PROJECTS BY YEAR STARTED					
Started 10 years or more before Census date.....number of projects...	6	² 17	NA	NA	...
acres served...	23,833	² 84,116	312,662	137,154	...
Started within 10 years of Census date.....number of projects...	...	² 2	...	NA	NA
acres served...	...	² 2,669	...	108,549	95,474
OPERATIONS, 10-YEAR PERIOD PRECEDING CENSUS DATE					
Cost of drainage works and services.....projects reporting...	6	² 14	NA	NA	NA
dollars...	145,293	163,163	NA	NA	NA
New drainage works constructed, enlarged, or installed.....projects reporting...	1	³ 2	NA	NA	NA
cost, dollars...	2,300	³ 12,237	NA	NA	NA
Open ditches.....projects reporting...	...	2	NA	NA	NA
length, miles...	...	5	NA	NA	NA
Tile or covered drains.....projects reporting...	1	...	NA	NA	NA
length, miles...	0.4	...	NA	NA	NA
Levees or dikes.....projects reporting...	...	...	NA	NA	NA
length, miles...	...	...	NA	NA	NA
Pumps.....projects reporting...	...	NA	NA	NA	NA
number of pumps...	...	NA	NA	NA	NA
Other (see text).....projects reporting...	...	NA	NA	NA	NA
Cost of maintenance, operation, repair, and administration.....projects reporting...	6	NA	NA	NA	NA
dollars...	142,993	150,926	NA	NA	NA
STATUS ON CENSUS DATE					
Capital investment.....dollars...	NA	NA	5,594,856	5,250,573	1,175,962
Physical works:					
Open ditches.....length, miles...	NA	NA	643.3	521.0	25.1
Tile drains.....length, miles...	NA	NA	262.1	237.6	114.2
Levees and dikes.....length, miles...	NA	NA	7.2	...	...
Pumping units.....number of units...	NA	(²)	NA	...	...

NA Not available.
¹Not fully comparable. See text.
²1950 figures exclude 170 projects and 239,196 acres in "irrigation enterprises"; 1940 figures exclude 223,859 acres in "irrigation enterprises"; 1930 figures exclude 155,795 acres in "irrigation enterprises"; 1920 figures exclude 34,140 acres in "irrigation enterprises."
³Cost of new works for lands not previously drained.

DRAINAGE OF AGRICULTURAL LANDS

State Table 2.—DRAINAGE

	Size of project (Based on area of agricultural land in project)	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	6	23,833	...	6	23,833	...	...
2	500 to 999 acres.....	...	...	...	...	...	...	...
3	1,000 to 1,999 acres.....	2	3,455	...	2	3,455	...	...
4	2,000 to 4,999 acres.....	1	3,347	...	1	3,347	...	...
5	5,000 to 9,999 acres.....	3	17,031	...	3	17,031	...	...
6	10,000 to 19,999 acres.....	...	...	...	...	...	...	...
7	20,000 to 49,999 acres.....	...	...	...	...	...	...	...
8	50,000 to 99,999 acres.....	...	...	...	...	...	...	...
9	100,000 or more acres.....	...	...	...	...	...	...	...

State Table 3.—DRAINAGE PROJECTS, 1960,

	Type of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	6	23,833	...	6	23,833	...	...
2	Drains owned by one landowner.....	...	...	...	...	...	...	...
3	Cooperative or mutual drains.....	...	...	...	...	...	...	...
4	Legally organized public drains.....	6	23,833	...	6	23,833	...	...

State Table 4.—DRAINAGE PROJECTS, 1960,

	Year of organization	Number of projects	Area drained and used for agriculture, 1960		Area by period drainage was established			
			Total (acres)	Served by two or more projects (acres)	Before 1950		Area added 1950-1959	
					Projects reporting	Acres	Projects reporting	Acres
1	All projects.....	6	23,833	...	6	23,833	...	...
2	1950-1959.....	...	...	...	...	...	...	...
3	Prior to 1950.....	6	23,833	...	6	23,833	...	...

PROJECTS, 1960, BY SIZE

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
6	145,293	1	2,300	...	...	1	0.4	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	2
2	4,719	...	...	...	...	...	...	...	...	...	...	...	3
1	9,798	...	...	...	...	...	...	...	...	...	...	...	4
3	130,776	1	2,300	...	...	1	0.4	...	...	...	...	...	5
...	...	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	9

BY TYPE OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
6	145,293	1	2,300	...	...	1	0.4	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	3
6	145,293	1	2,300	...	...	1	0.4	...	...	...	...	...	4

BY YEAR OF ORGANIZATION

Cost of drainage works and services, 1950-1959				New works constructed, enlarged, or installed, 1950-1959									
Total		For new works		Open ditches		Tile or covered drains		Levees and dikes		Pumps		Other, projects reporting	
Projects reporting	Dollars	Projects reporting	Dollars	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Length (miles)	Projects reporting	Number		
6	145,293	1	2,300	...	...	1	0.4	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	2
6	145,293	1	2,300	...	...	1	0.4	...	...	...	...	...	3

DRAINAGE OF AGRICULTURAL LANDS

County Table 1. -DRAINAGE PROJECTS, 1960 AND 1950; AND OPERATIONS, 1950-1959

[See text for comparability of 1960 and 1950 data]

Item and Census year	The State	Big Horn	Platte	Wahakie	All other counties ¹
AREA					
1 Approximate land area.....acres 1960...	62,343,040	2,032,640	² 1,335,040	1,447,680	49,395,200
2 Land in farms.....acres 1959...	36,199,666	513,960	² 1,429,736	467,204	27,618,108
3 Drainage projects..... number 1960...	6	3	1	2	...
4 1950...	189	38	14	9	133
5 Total area in drainage projects ³ acres served 1960...	23,833	10,350	1,680	11,803	...
6 1950...	325,981	105,143	5,661	39,535	175,642
7 Area not used for agriculture or not drained..... acres served 1960...	...	...	...	...	...
8 Net area drained and used for agriculture..... acres served 1960...	23,833	10,350	1,680	11,803	...
9 Drainage established before 1950..... acres served 1960...	23,833	10,350	1,680	11,803	...
10 Area added, 1950-1959..... acres served 1960...	...	...	...	...	...
11 Area served by two or more projects..... acres served 1960...	...	...	...	...	...
PROJECTS, 1960, BY TYPE OF ORGANIZATION					
12 Drains owned by one landowner..... number of projects...	...	...	...	...	...
13 acres served ⁴..	...	...	...	...	...
14 Cooperative or mutual drains..... number of projects...	...	...	...	...	...
15 acres served ⁴..	...	...	...	...	...
16 Legally organized public drains..... number of projects...	6	3	1	2	...
17 acres served ⁴ ..	23,833	10,350	1,680	11,803	...
PROJECTS, 1960, BY YEAR STARTED					
18 1950-1959..... number of projects...	...	...	...	...	...
19 acres served ⁴..	...	...	...	...	...
20 Prior to 1950..... number of projects...	6	3	1	2	...
21 acres served ⁴ ..	23,833	10,350	1,680	11,803	...
DRAINAGE OPERATIONS, 1950-1959 ⁵					
22 Cost of drainage works and services.....projects reporting...	6	3	1	2	...
23 dollars...	145,293	22,549	1,250	121,494	...
24 New drainage works constructed, enlarged, or installed.....projects reporting...	1	...	...	1	...
25 dollars...	2,300	...	...	2,300	...
26 Open ditches.....projects reporting...	...	...	...	...	...
27 length, miles...	...	...	...	...	...
28 Tile or covered drains.....projects reporting...	1	...	...	1	...
29 length, miles...	0.4	...	...	0.4	...
30 Levees or dikes.....projects reporting...	...	...	...	...	...
31 length, miles...	...	...	...	...	...
32 Pumps.....projects reporting...	...	...	...	...	...
33 number of pumps...	...	...	...	...	...
34 Other (see text).....projects reporting...	...	...	...	...	...
35 Cost of maintenance, operation, repair, and administration.....projects reporting...	6	3	1	2	...
36 dollars...	142,993	22,549	1,250	119,194	...

¹Includes Albany, Carbon, Converse, Crook, Fremont, Goshen, Hot Springs, Johnson, Laramie, Lincoln, Natrona, Park, Sheridan, Sublette, Sweetwater, Teton, and Uinta counties.²The excess of farm acreage over approximate land area is due to the fact that the entire acreage of a farm is tabulated as in the county in which the headquarters is located, even though a part of the farm may be situated in an adjoining county.³Land served by two or more projects counted only once.⁴Acres served by two projects are included for each project. See text.⁵Includes projects taken over by another project prior to 1960. See text.