

IRRIGATION OF AGRICULTURAL LANDS

Summary Table 11.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,
BY STATES: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	18 State total	Arizona	California	Colorado	Idaho	Kansas and Oklahoma	Louisiana	Montana	Nebraska
1 Total acres irrigated in Census year.....1959...	31,222,967	1,152,450	7,395,570	2,684,757	2,576,580	959,733	484,850	1,874,520	2,077,926
2 .....1949...	25,451,176	979,114	6,598,839	2,943,895	2,167,879	185,201	597,966	1,808,576	887,239
3 Irrigation organizations.....organizations 1959...	8,749	155	1,075	1,933	927	16	203	1,050	68
4 .....1949...	10,491	163	1,506	2,302	1,064	13	321	1,234	68
5 Service area, 1959:									
6 Farm area reported served by organizations.....acres 1959...	21,165,254	766,448	5,293,986	3,040,053	2,482,113	155,047	297,471	1,642,968	858,969
7 Farm area reported irrigated by organizations.....acres 1959...	17,700,841	643,846	4,184,482	2,669,677	2,299,457	106,468	185,539	1,347,197	706,339
8 Water users served, total.....water users 1959...	1,612,111	43,729	1,152,970	43,642	81,467	1,105	2,946	17,181	9,259
9 Farm irrigation water users.....water users 1959...	383,654	12,555	116,037	35,051	43,525	1,104	2,946	14,773	9,225
10 Residential water users.....water users 1959...	1,204,339	27,727	1,018,384	8,449	37,743	...	...	2,395	34
11 Other water users.....water users 1959...	24,118	3,447	18,549	142	199	1	...	13	...
12 LAND IRRIGATED BY SOURCE OF WATER, 1959									
13 Ground water sources.....acres...	14,011,307	772,353	3,992,290	500,174	452,876	823,171	263,482	34,015	1,445,029
14 Surface water sources.....acres...	17,211,660	380,097	3,402,780	2,184,583	2,123,704	136,562	221,368	1,840,505	632,897
15 WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
16 Total entering conveyance systems in basin.....organizations...	8,668	155	1,066	1,906	920	14	203	1,044	68
17 .....acre-feet...	72,997,259	3,558,266	17,321,855	7,705,684	14,214,626	237,995	617,850	5,973,077	2,006,735
18 From another drainage basin.....organizations...	...	1	2	1	11	1	...	3	4
19 .....acre-feet...	...	299,479	387,033	4,038	140,305	31,047	...	2,786	550,515
20 From drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...
21 From natural sources within basin.....organizations...	7,994	146	968	1,701	783	14	203	1,017	62
22 .....acre-feet...	72,997,259	3,258,787	16,934,822	7,701,646	14,074,321	206,948	617,850	5,970,291	1,456,220
23 Surface water.....organizations...	6,984	117	364	1,692	734	14	68	1,005	62
24 .....acre-feet...	68,685,789	1,991,449	15,276,039	7,670,472	13,527,060	206,948	516,572	5,922,639	1,452,443
25 Ground water.....organizations...	1,266	63	688	24	69	...	148	19	1
26 .....acre-feet...	4,311,470	1,267,338	1,658,783	31,174	547,261	...	101,278	47,652	3,777
27 From other organizations in the basin.....organizations receiving...	1,123	14	219	295	191	1	...	41	4
28 .....acre-feet...	18,644,449	1,003,876	11,546,796	1,432,394	2,511,850	55,294	...	261,813	87,111
29 Total leaving conveyance systems.....organizations...	8,668	155	1,066	1,906	920	14	203	1,044	68
30 .....acre-feet...	72,997,259	3,558,266	17,321,855	7,705,684	14,214,626	237,995	617,850	5,973,077	2,006,735
31 Conveyance loss in basin.....organizations...	7,238	148	436	1,767	841	12	170	979	67
32 .....acre-feet...	15,847,148	925,506	3,412,068	1,432,931	2,948,184	71,773	50,046	1,484,101	879,994
33 Conveyed to another drainage basin.....organizations...	...	1	2	4	12	...	...	1	1
34 .....acre-feet...	...	7,940	302,779	15,427	145,657	...	...	100,000	31,047
35 To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...
36 Delivered for use in the basin.....organizations...	8,604	153	1,046	1,893	911	13	203	1,041	66
37 .....acre-feet...	57,150,111	2,624,820	13,607,008	6,256,326	11,120,785	166,222	567,804	4,388,976	1,095,694
38 To farm irrigation water users.....organizations...	8,585	153	1,039	1,888	911	13	203	1,041	66
39 .....acre-feet...	54,471,479	2,487,199	12,350,452	5,943,099	10,884,661	162,301	567,804	4,333,721	1,095,537
40 To residential water users.....organizations...	998	24	237	130	107	...	...	30	1
41 .....acre-feet...	1,607,639	69,516	828,036	167,474	220,313	...	...	42,141	157
42 For other use.....organizations...	296	10	83	50	29	1	...	9	...
43 .....acre-feet...	1,070,993	68,105	428,520	145,753	15,811	3,921	...	13,114	...
44 Delivered to other irrigation organizations.....organizations delivering...	444	5	96	118	76	1	...	26	4
45 .....acre-feet...	18,644,449	1,003,876	11,546,796	1,432,394	2,511,850	55,294	...	261,813	87,111
46 Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	3.1	3.9	3.0	2.2	4.7	1.5	3.1	3.2	1.6
47 NEW CAPITAL INVESTMENT, 1950-1959									
48 Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	4,177	76	487	903	382	11	109	514	43
49 .....dollars...	1,039,593,875	62,924,613	495,970,922	59,837,605	24,527,859	42,311,394	2,054,686	24,240,701	13,839,550

Summary Table 11.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY STATES: CENSUSES OF 1959 AND 1950—Continued

Item (For definitions and explanations, see text)	Nevada	New Mexico	North Dakota	Oregon	South Dakota	Texas	Utah	Washington	Wyoming
1 Total acres irrigated in Census year.....1959...	542,976	731,835	47,656	1,384,284	115,629	5,655,638	1,061,683	1,006,969	1,469,911
2 1949...	722,896	691,476	35,759	1,337,517	84,356	3,150,527	1,166,972	618,129	1,474,835
3 Irrigation organizations.....organizations 1959...	116	447	12	650	25	103	984	350	686
4 1949...	157	620	6	755	24	122	1,058	441	693
5 Service area, 1959: Farm area reported served by organizations.....acres 1959...	312,290	462,200	44,958	903,222	89,454	1,399,753	1,300,483	948,932	1,166,907
6 Farm area reported irrigated by organizations.....acres 1959...	263,005	366,086	39,849	846,182	83,984	943,818	1,109,620	847,752	1,057,540
7 Water users served, total.....water users 1959...	3,059	23,768	234	33,437	759	33,827	90,952	63,429	10,347
8 Farm irrigation water users.....water users 1959...	2,646	20,828	234	17,712	715	24,588	43,001	29,752	8,962
9 Residential water users.....water users 1959...	408	2,910	...	14,690	44	9,124	47,519	33,539	1,373
10 Other water users.....water users 1959...	5	30	...	1,035	...	115	432	138	12
11 LAND IRRIGATED BY SOURCE OF WATER, 1959 Ground water sources.....acres...	102,735	445,652	973	198,941	18,959	4,634,135	157,999	133,903	34,120
12 Surface water sources.....acres...	440,241	286,183	46,683	1,185,343	96,670	1,021,503	903,684	873,066	1,435,791
13 WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959 Total entering conveyance systems in basin.....organizations... acre-feet...	115 1,068,254	446 1,419,633	9 108,724	646 4,182,706	24 169,283	103 2,671,746	978 3,648,089	347 4,922,092	675 4,900,254
14 From another drainage basin.....organizations... acre-feet...	2 11,240	2 1,903	1 100,000	3 28,647	1 3,200	...	11 91,394	3 67,703	3 10,320
15 From drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...
16 From natural sources within basin...organizations... acre-feet...	87 1,057,014	437 1,417,730	9 8,724	642 4,154,059	23 166,083	92 2,671,746	863 3,556,695	322 4,854,389	638 4,889,934
17 Surface water.....organizations... acre-feet...	81 1,026,055	428 1,372,752	9 8,724	631 3,891,300	23 166,083	80 2,638,564	754 3,401,225	303 4,733,940	632 4,883,524
18 Ground water.....organizations... acre-feet...	7 30,959	26 44,978	...	18 262,759	...	19 33,182	152 155,470	27 120,449	7 6,410
19 From other organizations in the basin.....organizations receiving... acre-feet...	27 189,781	18 39,971	...	19 278,847	...	19 100,899	179 557,722	34 62,388	62 515,707
20 Total leaving conveyance systems.....organizations... acre-feet...	115 1,068,254	446 1,419,633	9 108,724	646 4,182,706	24 169,283	103 2,671,746	978 3,648,089	347 4,922,092	675 4,900,254
21 Conveyance loss in basin.....organizations... acre-feet...	107 206,933	423 492,142	5 36,802	499 730,281	20 69,485	80 470,139	808 466,721	261 1,153,487	653 1,015,555
22 Conveyed to another drainage basin...organizations... acre-feet...	2 25,999	...	...	4 503,598	...	...	5 13,355	1 4,364	15 579,444
23 To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...
24 Delivered for use in the basin.....organizations... acre-feet...	113 835,322	446 927,491	9 71,922	645 2,948,827	24 99,798	103 2,201,607	970 3,168,013	346 3,764,241	659 3,305,255
25 To farm irrigation water users.....organizations... acre-feet...	113 824,592	445 900,617	9 71,922	645 2,885,053	24 99,088	102 1,933,755	965 2,956,192	345 3,697,304	659 3,278,182
26 To residential water users.....organizations... acre-feet...	11 1,899	76 15,845	...	44 31,413	4 710	16 42,268	245 132,501	45 37,836	29 17,530
27 For other use.....organizations... acre-feet...	3 8,831	13 11,029	...	14 32,361	...	24 225,584	30 79,320	21 29,101	9 9,543
28 Delivered to other irrigation organizations.....organizations delivering... acre-feet...	3 189,781	12 39,971	...	11 278,847	...	9 100,899	52 557,722	10 62,388	25 515,707
29 Average delivery of irrigation water per acre irrigated as reported by organizations...acre-feet...	3.1	2.5	1.8	3.4	1.2	2.0	2.7	4.4	3.1
30 NEW CAPITAL INVESTMENT, 1950-1959 Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations... dollars...	51 1,059,001	212 13,666,262	5 613,767	277 9,588,868	16 3,934,876	50 16,733,025	564 38,346,259	117 200,768,354	379 29,176,133