

Summary Table 18.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	18 States, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	8,749	4,989	2,737	558	54	147	411
.....organizations 1949...	10,491	6,464	2,884	483	37	NA	623
Service area, 1959:							
Area served, as reported							
by organizations.....acres...	21,165,254	2,458,917	7,898,967	8,189,790	831,003	3,620,787	1,786,577
Area irrigated, as reported							
by organizations.....acres...	17,700,841	2,067,317	6,732,753	6,920,527	710,904	3,301,541	1,269,340
Water users served, 1959, total.....water users...	1,612,111	46,201	281,899	290,873	21,169	121,604	971,969
Farm irrigation water users.....water users...	383,654	32,360	129,375	178,619	14,748	62,998	28,552
Residential water users.....water users...	1,204,339	13,718	148,178	111,585	6,334	55,011	924,524
Other water users.....water users...	24,118	123	4,346	669	87	3,595	18,893
TYPE OF SERVICE, 1959							
All water directly from surface and ground							
water sources.....organizations...	7,543	4,683	2,089	376	24	89	371
Total water conveyed.....acre-feet...	70,168,762	7,847,566	23,398,479	20,578,231	12,959,902	11,167,168	5,384,584
Water delivered.....acre-feet...	56,765,261	6,612,777	18,803,039	15,649,050	11,553,457	8,138,081	4,146,938
To farm and residential users							
only.....organizations...	7,228	4,647	1,882	330	11	63	358
.....acre-feet...	30,939,577	6,428,760	10,182,820	9,000,640	1,910,088	3,340,034	3,417,269
To farm and residential users and other							
irrigation organizations.....organizations...	259	26	176	41	6	20	10
Water to farm and residential							
users.....acre-feet...	10,388,158	49,946	5,390,596	4,162,219	399,768	3,361,354	385,629
Water to other irrigation							
organizations.....acre-feet...	5,779,328	47,930	2,717,386	1,591,190	1,310,169	1,256,023	112,653
To other irrigation organizations							
only.....organizations...	50	8	27	5	7	6	3
.....acre-feet...	9,658,198	86,141	512,237	895,001	7,933,432	180,670	231,387
Part of water from other							
organizations.....organizations...	452	107	236	82	2	23	25
Total water conveyed.....acre-feet...	15,896,595	236,049	4,052,879	9,945,563	131,288	6,536,032	1,530,816
From surface and ground water							
sources.....acre-feet...	2,828,497	86,589	619,634	1,001,391	1-24,494	1-1,127,375	1,145,377
From other irrigation organizations.....acre-feet...	13,068,098	149,460	3,433,245	8,944,172	155,782	6,939,558	385,439
Water delivered.....acre-feet...	13,148,549	196,884	3,351,702	8,203,719	90,620	4,956,783	1,305,624
To farm and residential users							
only.....organizations...	371	105	182	67	2	20	15
.....acre-feet...	5,856,526	184,212	1,937,208	3,498,750	90,620	668,700	145,736
To farm and residential users and other							
irrigation organizations.....organizations...	76	2	50	15	...	5	9
Water to farm and residential							
users.....acre-feet...	4,670,895	11,868	935,377	2,713,206	...	2,486,381	1,010,444
Water to other irrigation							
organizations.....acre-feet...	2,565,560	804	450,441	1,982,059	...	1,801,704	132,256
To other irrigation organizations							
only.....organizations...	4	...	2	1	...	...	1
.....acre-feet...	55,568	...	28,676	9,704	...	...	17,188
All of water from other organizations.....organizations...	674	193	377	89	2	23	13
Total water conveyed.....acre-feet...	5,576,351	312,247	2,524,208	2,407,739	71,747	816,005	260,410
Water delivered.....acre-feet...	4,809,757	275,227	2,239,587	2,072,880	53,984	1,428,299	168,079
To farm and residential users							
only.....organizations...	617	183	343	79	2	19	10
.....acre-feet...	3,791,038	255,836	1,614,618	1,705,503	53,984	1,216,562	161,097
To farm and residential users and other							
irrigation organizations.....organizations...	44	7	31	5	...	2	1
Water to farm and residential							
users.....acre-feet...	432,924	7,743	257,367	166,597	...	165,258	1,217
Water to other irrigation							
organizations.....acre-feet...	402,575	8,826	341,664	49,787	...	42,502	2,298
To other irrigation organizations							
only.....organizations...	13	3	3	5	...	1	2
.....acre-feet...	183,220	2,822	25,938	150,993	...	3,979	3,467
No water conveyed.....organizations...	80	7	35	9	27	7	2
WATER FROM OTHER SOURCES							
Organizations reporting no water from other							
sources used on the land served by the							
organization.....organizations...	7,301	4,339	2,124	441	19	103	378
acres served...	16,487,956	2,049,449	5,520,210	6,578,244	829,973	2,695,464	1,510,080
acres irrigated...	13,903,569	1,734,282	4,748,411	5,680,618	709,874	2,426,581	1,030,384
water delivered to farms (acre-feet)...	44,600,549	5,833,767	15,400,864	17,241,698	2,439,257	8,436,282	3,684,963
acre-feet per acre...	3.2	3.4	3.2	3.0	3.4	3.5	3.6
Organizations reporting water from other							
sources used on land served by the							
organization.....organizations...	1,284	629	539	95	1	24	24
acres served...	4,677,298	409,468	2,378,757	1,611,546	1,030	729,786	276,497
acres irrigated...	3,797,272	333,035	1,984,342	1,239,909	1,030	696,298	238,956
water delivered to farms (acre-feet)...	9,862,683	1,042,482	4,427,146	3,654,230	3,089	329,365	735,736
acre-feet per acre...	2.6	3.1	2.2	2.9	3.0	0.3	3.1
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and							
equipment for irrigation and drainage,							
January 1, 1950-December 31, 1959.....organizations...	4,177	2,191	1,389	369	38	127	190
By U. S. B. R.....dollars...	795,970,391	...	12,994,596	223,853,290	559,122,505	236,847,886	...
By water users organizations.....dollars...	243,623,484	5,951,420	52,586,056	155,356,345	...	48,686,427	29,729,663

See footnotes at end of table.

IRRIGATION OF AGRICULTURAL LANDS

Summary Table 18.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATION, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT: CENSUSES OF 1959 AND 1950—Con.

Item (For definitions and explanations, see text)	18 States, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations... acre-feet...	8,668 72,997,259	4,982 7,934,155	2,701 24,018,113	548 21,597,730	27 12,917,300	140 9,363,103	410 6,529,961
From another drainage basin.....organizations... acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations... acre-feet...	7,994 72,997,259	4,787 7,934,155	2,325 24,018,113	460 21,597,730	25 12,917,300	117 9,363,103	397 6,529,961
Surface water.....organizations... acre-feet...	6,984 68,685,789	4,311 7,583,049	1,973 22,305,174	423 20,194,167	25 12,607,865	116 8,548,050	252 5,995,534
Ground water.....organizations... acre-feet...	1,266 4,311,470	534 351,106	467 1,712,939	76 1,403,563	5 309,435	12 815,053	184 534,427
From other organizations in the basin.....organizations receiving... acre-feet...	1,123 18,644,449	299 461,707	613 5,957,453	169 11,351,911	4 227,529	44 9,971,908	38 645,849
Total leaving conveyance systems.....organizations... acre-feet...	8,668 72,997,259	4,982 8,249,339	2,701 25,899,224	548 28,260,529	27 3,911,606	138 16,917,042	410 6,676,561
Conveyance loss in basin.....organizations... acre-feet...	7,238 15,847,148	4,246 1,278,706	2,202 5,305,070	438 6,646,791	20 1,359,041	122 4,518,194	332 1,257,540
Conveyed to another drainage basin.....organizations... acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations... acre-feet...	8,604 57,150,111	4,972 6,970,633	2,670 20,594,154	536 21,613,738	21 2,552,565	131 11,501,751	405 5,419,021
To farm irrigation water users.....organizations... acre-feet...	8,585 54,471,479	4,967 6,876,249	2,661 19,836,257	534 20,895,928	20 2,442,346	127 11,130,126	403 4,420,699
To domestic water users.....organizations... acre-feet...	998 1,607,639	273 62,116	523 481,729	132 350,987	6 12,114	38 182,170	64 700,693
For other use.....organizations... acre-feet...	296 1,070,993	50 32,268	139 276,168	64 366,823	7 98,105	24 189,455	36 297,629
Delivered to other irrigation organizations..... organizations delivering... acre-feet...	444 18,644,449	45 146,523	289 4,076,342	72 4,689,112	12 9,233,223	31 3,284,876	26 499,249
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	164	22	76	23	34	14	9
1 to 3 water users.....organizations...	2,811	2,532	160	18	...	1	102
4 to 9 water users.....organizations...	2,459	1,715	593	44	1	3	106
10 to 29 water users.....organizations...	1,754	571	1,005	105	2	8	74
30 to 99 water users.....organizations...	972	130	625	143	6	28	67
100 to 299 water users.....organizations...	369	18	213	104	5	40	29
300 to 999 water users.....organizations...	168	1	57	88	1	43	17
1,000 or more water users.....organizations...	52	...	8	33	5	10	6
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	164	22	76	23	34	14	9
1 to 299 acre-feet.....organizations...	1,982	1,542	323	25	...	3	92
300 to 999 acre-feet.....organizations...	2,310	1,638	524	32	...	6	116
1,000 to 2,999 acre-feet.....organizations...	2,046	1,210	683	72	...	8	81
3,000 to 9,999 acre-feet.....organizations...	1,406	510	707	132	5	21	52
10,000 to 29,999 acre-feet.....organizations...	546	63	325	130	3	28	25
30,000 to 99,999 acre-feet.....organizations...	216	4	83	97	6	39	26
100,000 or more acre-feet.....organizations...	79	...	16	47	6	28	10
Size of organization (acre-feet of water conveyed):							
None.....organizations...	80	6	35	10	27	7	2
1 to 299 acre-feet.....organizations...	1,707	1,362	256	13	...	1	76
300 to 999 acre-feet.....organizations...	2,197	1,599	458	28	...	4	112
1,000 to 2,999 acre-feet.....organizations...	2,059	1,273	662	52	...	9	72
3,000 to 9,999 acre-feet.....organizations...	1,597	641	756	133	3	18	64
10,000 to 29,999 acre-feet.....organizations...	681	101	395	140	4	32	41
30,000 to 99,999 acre-feet.....organizations...	296	7	142	112	9	33	26
100,000 or more acre-feet.....organizations...	132	...	33	70	11	43	18

NA Not available. ¹Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply to the basin or State.