

IRRIGATION IN HUMID AREAS

Table 12.—FARMS REPORTING, ACRES IRRIGATED, SPECIFIED IRRIGATION FACILITIES, AND COST OF IRRIGATION SYSTEMS,

[Data on cost of irrigation systems were reported only for farms

1	State and largest acreage irrigated in any year	Number of farms reporting irrigation, 1955	Area irrigated				Largest acreage irrigated in any year (acres)	Pumps, 1955		Farms reporting reservoirs, dams, etc., for storing water, 1955
			1954		1955			Farms reporting	Number	
			Farms reporting	Acres	Farms reporting	Acres				
1	Total, 28 States.....	6,414	6,085	245,928	5,541	220,082	295,154	6,207	7,530	3,165
2	1 to 9 acres.....	1,644	1,546	6,686	1,351	6,088	7,718	1,511	1,639	765
3	10 to 19 acres.....	1,155	1,087	12,490	1,017	12,359	15,334	1,118	1,216	637
4	20 to 29 acres.....	866	813	15,954	762	15,177	20,000	854	976	474
5	30 to 49 acres.....	997	957	29,706	881	27,563	36,512	986	1,124	474
6	50 to 99 acres.....	979	949	53,742	868	49,442	65,294	973	1,194	463
7	100 to 199 acres.....	469	456	49,896	399	42,288	60,159	464	661	214
8	200 to 499 acres.....	203	197	45,283	179	37,988	54,256	203	417	88
9	500 to 999 acres.....	39	39	21,528	36	18,273	25,278	39	161	19
10	1,000 acres and over.....	6	6	9,192	6	9,070	10,603	6	76	3
11	Not reported.....	56	35	1,451	42	1,834	...	53	66	28
12	Maine.....	24	16	138	22	416	483	20	23	14
13	1 to 9 acres.....	9	5	17	8	28	30	6	7	4
14	10 to 19 acres.....	8	7	56	7	86	109	7	7	4
15	20 to 29 acres.....	4	3	35	4	77	94	4	4	3
16	30 to 49 acres.....	1	...	...	1	50	50	1	2	1
17	50 to 99 acres.....	2	1	30	2	175	200	2	3	2
18	New Hampshire.....	31	30	510	30	685	718	28	31	15
19	1 to 9 acres.....	10	10	37	9	33	36	9	9	4
20	10 to 19 acres.....	6	6	68	6	72	84	6	6	2
21	20 to 29 acres.....	5	5	101	5	112	111	5	6	3
22	30 to 49 acres.....	6	5	128	6	199	202	4	4	3
23	50 to 99 acres.....	3	3	92	3	144	160	3	3	2
24	100 to 199 acres.....	1	1	84	1	125	125	1	3	1
25	Vermont.....	14	14	267	13	275	341	14	16	4
26	1 to 9 acres.....	4	4	12	4	10	12	4	4	2
27	10 to 19 acres.....	3	3	40	3	35	44	3	3	1
28	20 to 29 acres.....	3	3	55	3	59	75	3	3	1
29	30 to 49 acres.....	2	2	80	1	41	80	2	2	...
30	50 to 99 acres.....	2	2	80	2	130	130	2	4	...
31	Massachusetts.....	217	199	3,982	205	4,462	5,343	177	213	102
32	1 to 9 acres.....	71	64	280	69	310	335	51	60	36
33	10 to 19 acres.....	62	55	681	54	720	823	51	56	33
34	20 to 29 acres.....	31	30	544	30	577	703	26	30	14
35	30 to 49 acres.....	25	25	797	25	855	942	23	28	9
36	50 to 99 acres.....	18	16	720	18	902	1,131	18	27	6
37	100 to 199 acres.....	8	7	765	7	828	1,009	6	9	3
38	200 to 499 acres.....	2	2	195	2	270	400	2	3	1
39	Rhode Island.....	17	17	535	15	377	633	16	21	7
40	1 to 9 acres.....	6	6	20	5	19	23	6	7	1
41	10 to 19 acres.....	2	2	37	2	32	37	1	2	1
42	20 to 29 acres.....	4	4	63	4	65	97	4	4	1
43	30 to 49 acres.....	2	2	75	1	29	96	2	2	2
44	50 to 99 acres.....	2	2	115	2	82	155	2	3	2
45	200 to 499 acres.....	1	1	225	1	150	225	1	3	...
46	Connecticut.....	161	151	5,924	155	6,161	6,679	158	208	98
47	1 to 9 acres.....	36	32	127	33	138	173	33	35	21
48	10 to 19 acres.....	29	27	350	27	363	408	29	29	13
49	20 to 29 acres.....	32	32	684	32	703	737	32	40	25
50	30 to 49 acres.....	27	26	894	27	990	1,006	27	30	14
51	50 to 99 acres.....	25	23	1,304	25	1,481	1,659	25	31	14
52	100 to 199 acres.....	7	7	750	7	687	832	7	10	6
53	200 to 499 acres.....	1	1	300	1	200	300	1	4	1
54	500 to 999 acres.....	2	2	1,480	2	1,564	1,564	2	27	2
55	Not reported.....	2	1	35	1	35	...	2	2	2
56	New York.....	467	434	16,596	449	18,390	20,078	422	512	169
57	1 to 9 acres.....	93	84	300	89	353	373	70	76	32
58	10 to 19 acres.....	64	58	654	59	726	839	52	60	19
59	20 to 29 acres.....	52	45	800	50	1,052	1,202	50	58	30
60	30 to 49 acres.....	87	81	2,691	85	3,106	3,302	83	91	28
61	50 to 99 acres.....	120	116	6,938	115	7,261	8,173	117	154	40
62	100 to 199 acres.....	43	42	4,301	43	4,985	5,324	43	65	17
63	200 to 499 acres.....	4	4	820	4	830	865	4	5	1
64	Not reported.....	4	4	92	4	77	...	3	3	2

IRRIGATION IN HUMID AREAS

FOR FARMS REPORTING COST OF IRRIGATION SYSTEMS, BY LARGEST ACREAGE IRRIGATED IN ANY YEAR, BY STATES: 1955

reporting irrigation beginning in 1946 or later. See text]

Total cost			Cost of irrigation equipment				Cost of leveling and ditching				Cost of constructing reservoirs, etc., for storing water and for drilling wells				
Dollars	Per farm (dollars)	Per acre irrigated in 1954 (dollars)	Farms reporting	Total (dollars)	Per farm reporting (dollars)	Per acre irrigated in 1954 (dollars)	Farms reporting	Total (dollars)	Per farm reporting (dollars)	Per acre irrigated in 1954 (dollars)	Farms reporting	Total (dollars)	Per farm reporting (dollars)	Per acre irrigated in 1954 (dollars)	
35,545,680	5,542	145	6,382	27,477,344	4,305	112	693	826,488	1,193	3.36	3,896	7,241,848	1,859	29.45	1
3,222,250	1,960	482	1,625	2,503,083	1,540	374	127	42,124	332	6.30	912	677,043	742	101.26	2
4,024,308	3,484	322	1,149	3,144,504	2,737	252	89	34,723	390	2.78	744	845,081	1,136	67.66	3
3,780,446	4,365	237	863	2,908,926	3,371	182	84	43,018	512	2.70	541	828,502	1,531	51.93	4
5,278,628	5,295	178	996	4,127,888	4,144	139	80	53,702	671	1.81	577	1,097,038	1,901	36.93	5
7,612,886	7,776	142	979	6,167,214	6,300	115	101	84,695	839	1.58	602	1,360,977	2,261	25.32	6
5,293,631	11,287	106	467	4,137,513	8,860	83	91	144,219	1,585	2.89	306	1,011,899	3,307	20.28	7
3,680,900	18,133	81	203	2,812,328	13,854	62	85	174,847	2,057	3.86	143	693,725	4,851	15.32	8
1,770,455	45,396	82	39	1,130,918	28,998	53	28	185,755	6,634	8.63	30	453,782	15,126	21.08	9
511,900	85,317	56	6	255,100	42,517	28	4	61,000	15,250	6.64	6	195,800	32,633	21.30	10
370,276	6,612	255	55	289,870	5,270	200	4	2,405	601	1.66	35	78,001	2,229	53.76	11
66,866	2,786	485	23	57,011	2,479	413	1	600	600	4.35	14	9,255	661	67.07	12
7,015	779	413	8	5,395	674	317	1	600	600	35.29	4	1,020	255	60.00	13
18,735	2,342	335	8	15,300	1,912	273	...	...	...	...	4	3,435	859	61.34	14
9,816	2,454	280	4	8,816	2,204	252	...	...	...	...	3	1,000	333	28.57	15
5,500	5,500	...	1	5,000	5,000	...	...	...	...	...	1	500	500	...	16
25,800	12,900	860	2	22,500	11,250	750	...	...	...	...	2	3,300	1,650	110.00	17
88,468	2,854	173	30	68,898	2,297	135	6	2,081	347	4.08	15	17,489	1,166	34.29	18
11,530	1,153	312	9	8,395	933	227	4	931	233	25.16	4	2,204	551	59.57	19
11,275	1,879	166	6	11,040	1,840	162	...	...	...	...	2	235	118	3.46	20
18,500	3,700	183	5	13,150	2,630	130	...	...	...	...	3	5,350	1,783	52.97	21
17,800	2,967	139	6	12,800	2,133	100	1	1,000	1,000	7.81	3	4,000	1,333	31.25	22
16,463	5,488	179	3	13,513	4,504	147	1	150	150	1.63	2	2,800	1,400	30.43	23
12,900	12,900	154	1	10,000	10,000	119	...	...	...	...	1	2,900	2,900	34.52	24
30,008	2,143	112	14	28,513	2,037	107	...	...	...	...	5	1,495	299	5.60	25
6,983	1,746	582	4	6,513	1,628	543	...	...	...	...	2	470	235	39.17	26
7,625	2,542	191	3	7,600	2,533	190	...	...	...	...	1	25	25	0.62	27
6,200	2,067	113	3	5,200	1,733	95	...	...	...	...	2	1,000	500	18.18	28
4,800	2,400	60	2	4,800	2,400	60	...	...	...	...	...	...	...	...	29
4,400	2,200	55	2	4,400	2,200	55	...	...	...	...	...	...	...	...	30
731,941	3,373	184	215	620,932	2,888	156	24	21,891	912	5.50	112	89,118	796	22.38	31
92,209	1,299	329	70	74,929	1,070	268	7	1,861	266	6.65	41	15,419	376	55.07	32
136,257	2,198	200	62	114,544	1,847	168	7	2,330	333	3.42	35	19,383	554	28.46	33
95,727	3,088	176	31	85,806	2,768	158	2	250	125	0.46	16	9,671	604	17.78	34
118,250	4,730	148	24	96,455	4,019	121	4	3,100	775	3.89	9	18,695	2,077	23.46	35
118,754	6,597	165	18	110,054	6,114	153	2	3,350	1,675	4.65	6	5,350	892	7.43	36
102,744	12,843	134	8	77,144	9,643	101	1	10,000	10,000	13.07	4	15,600	3,900	20.39	37
68,000	34,000	349	2	62,000	31,000	318	1	1,000	1,000	5.13	1	5,000	5,000	25.64	38
63,525	3,737	119	17	54,045	3,179	101	...	...	...	...	8	9,480	1,185	17.72	39
8,655	1,442	433	6	7,575	1,262	379	...	...	...	...	2	1,080	540	54.00	40
6,100	3,050	165	2	5,700	2,850	154	...	...	...	...	1	400	400	10.81	41
14,230	3,558	226	4	11,230	2,808	178	...	...	...	...	1	3,000	3,000	47.62	42
6,750	3,375	90	2	5,500	2,750	73	...	...	...	...	2	1,250	625	16.67	43
20,250	10,125	176	2	16,500	8,250	143	...	...	...	...	2	3,750	1,875	32.61	44
7,540	7,540	34	1	7,540	7,540	34	...	...	...	...	...	...	...	...	45
1,279,209	7,945	216	160	1,020,923	6,381	172	21	15,500	738	2.62	101	242,786	2,404	40.98	46
57,295	1,592	451	35	41,589	1,188	327	1	100	100	0.79	22	15,606	709	122.88	47
99,024	3,415	283	29	83,613	2,883	239	5	1,950	390	5.57	13	13,461	1,035	38.46	48
129,175	4,037	189	32	106,386	3,331	156	6	2,650	442	3.87	25	19,939	798	29.15	49
148,415	5,497	166	27	127,315	4,715	142	5	4,050	810	4.53	16	17,050	1,066	19.07	50
227,752	9,110	175	25	191,972	7,679	147	3	2,550	850	1.96	14	33,230	2,374	25.48	51
125,500	17,929	167	7	95,300	13,614	127	1	4,200	4,200	5.60	6	26,000	4,333	34.67	52
50,000	50,000	167	1	30,000	30,000	100	...	...	...	...	1	20,000	20,000	66.67	53
428,548	214,274	290	2	336,048	168,024	227	...	...	...	...	2	92,500	46,250	62.50	54
13,500	6,750	386	2	8,500	4,250	243	...	...	...	...	2	5,000	2,500	142.86	55
2,560,967	5,484	154	467	2,099,369	4,495	126	26	29,961	1,152	1.81	301	431,637	1,434	26.01	56
132,794	1,428	443	93	105,053	1,130	350	7	3,660	523	12.20	49	24,081	491	80.27	57
185,027	2,891	283	64	146,975	2,296	225	5	5,468	1,094	8.36	34	32,584	958	49.82	58
186,513	3,587	233	52	155,841	2,997	195	5	979	196	1.22	35	29,693	848	37.12	59
441,359	5,073	164	87	362,366	4,165	135	2	520	260	0.19	59	78,473	1,330	29.16	60
998,346	8,320	144	120	815,911	6,799	118	3	3,900	1,300	0.56	89	178,535	2,006	25.73	61
542,903	12,626	126	43	445,573	10,362	104	4	15,434	3,858	3.59	31	81,896	2,642	19.04	62
65,450	16,362	80	4	59,750	14,938	73	...	...	...	...	2	5,700	2,850	6.95	63
8,575	2,144	93	4	7,900	1,975	86	...	...	...	...	2	675	338	7.34	64

IRRIGATION IN HUMID AREAS

Table 12.—FARMS REPORTING, ACRES IRRIGATED, SPECIFIED IRRIGATION FACILITIES, AND COST OF IRRIGATION SYSTEMS, BY STATES:

[Data on cost of irrigation systems were reported only for farms

1	State and largest acreage irrigated in any year	Number of farms reporting irrigation, 1955	Area irrigated				Largest acreage irrigated in any year (acres)	Pumps, 1955		Farms reporting reservoirs, dams, etc., for storing water, 1955
			1954		1955			Farms reporting	Number	
			Farms reporting	Acres	Farms reporting	Acres				
1	New Jersey.....	560	520	20,343	541	24,339	24,291	540	683	328
2	1 to 9 acres.....	104	96	405	96	430	460	88	99	48
3	10 to 19 acres.....	68	60	704	66	894	911	68	81	31
4	20 to 29 acres.....	62	58	1,161	59	1,306	1,443	61	80	30
5	30 to 49 acres.....	104	95	2,992	104	3,743	3,890	103	123	62
6	50 to 99 acres.....	140	136	8,040	138	9,405	9,479	138	169	97
7	100 to 199 acres.....	60	58	5,713	58	6,646	7,198	60	92	44
8	200 to 499 acres.....	4	4	685	4	910	910	4	11	4
9	Not reported.....	18	13	643	16	1,005	...	18	28	12
10	Pennsylvania.....	277	266	7,681	263	8,398	9,502	272	304	134
11	1 to 9 acres.....	65	60	260	59	232	306	60	72	38
12	10 to 19 acres.....	41	39	466	39	496	564	41	42	21
13	20 to 29 acres.....	47	46	835	46	984	1,076	47	52	17
14	30 to 49 acres.....	58	57	1,782	55	1,788	2,144	58	65	25
15	50 to 99 acres.....	55	55	2,884	54	3,239	3,567	55	57	27
16	100 to 199 acres.....	5	5	497	5	595	607	5	7	3
17	200 to 499 acres.....	4	4	957	4	1,123	1,238	4	7	3
18	Not reported.....	2	...	...	1	1	...	2	2	...
19	Ohio.....	225	216	5,193	195	4,521	5,944	218	258	97
20	1 to 9 acres.....	83	77	307	71	323	372	78	96	35
21	10 to 19 acres.....	41	41	442	37	401	511	40	44	20
22	20 to 29 acres.....	29	28	616	24	463	659	29	31	14
23	30 to 49 acres.....	27	26	813	25	806	989	27	31	12
24	50 to 99 acres.....	30	30	1,659	25	1,338	2,013	30	38	10
25	100 to 199 acres.....	8	8	937	8	957	990	8	12	5
26	200 to 499 acres.....	2	2	392	1	201	410	2	2	...
27	Not reported.....	5	4	27	4	32	...	4	4	1
28	Indiana.....	120	118	7,283	94	5,857	8,416	118	150	40
29	1 to 9 acres.....	40	40	139	31	132	159	38	38	15
30	10 to 19 acres.....	9	8	102	6	80	127	9	10	3
31	20 to 29 acres.....	13	12	216	12	238	291	13	13	7
32	30 to 49 acres.....	19	19	657	13	317	741	19	25	2
33	50 to 99 acres.....	17	17	1,028	16	834	1,123	17	20	7
34	100 to 199 acres.....	17	17	1,907	13	1,171	2,290	17	24	4
35	200 to 499 acres.....	4	4	1,200	2	625	1,225	4	6	1
36	1,000 acres and over.....	1	1	2,034	1	2,460	2,460	1	14	1
37	Illinois.....	66	61	1,404	53	1,258	1,663	64	82	21
38	1 to 9 acres.....	20	19	76	16	64	84	19	28	7
39	10 to 19 acres.....	16	14	146	13	164	204	15	16	4
40	20 to 29 acres.....	11	10	235	9	173	244	11	13	3
41	30 to 49 acres.....	12	12	430	8	230	457	12	16	3
42	50 to 99 acres.....	4	3	141	4	232	229	4	6	3
43	100 to 199 acres.....	3	3	376	3	395	445	3	3	1
44	Wisconsin.....	133	125	4,615	121	5,072	6,147	132	154	48
45	1 to 9 acres.....	35	31	127	31	128	157	35	35	12
46	10 to 19 acres.....	27	27	281	24	260	361	27	29	7
47	20 to 29 acres.....	11	11	164	10	144	251	11	11	6
48	30 to 49 acres.....	21	21	566	19	590	762	20	20	9
49	50 to 99 acres.....	17	16	731	17	990	1,166	17	20	9
50	100 to 199 acres.....	9	9	1,020	8	838	1,245	9	17	2
51	200 to 499 acres.....	9	9	1,724	9	2,053	2,205	9	18	2
52	Not reported.....	4	1	2	3	69	...	4	4	1
53	Michigan.....	547	502	9,832	512	11,545	13,638	539	621	257
54	1 to 9 acres.....	156	142	625	144	720	748	151	164	64
55	10 to 19 acres.....	138	125	1,360	132	1,677	1,824	137	152	71
56	20 to 29 acres.....	101	89	1,577	93	1,888	2,307	100	115	46
57	30 to 49 acres.....	78	74	2,009	73	2,336	2,833	78	92	38
58	50 to 99 acres.....	51	51	2,399	49	2,740	3,256	50	67	25
59	100 to 199 acres.....	15	15	1,460	15	1,723	1,895	15	20	9
60	200 to 499 acres.....	1	1	175	1	275	275	1	2	...
61	500 to 999 acres.....	1	1	176	1	118	500	1	3	1
62	Not reported.....	6	4	51	4	68	...	6	6	3

IRRIGATION IN HUMID AREAS

FOR FARMS REPORTING COST OF IRRIGATION SYSTEMS, BY LARGEST ACREAGE IRRIGATED IN ANY YEAR,

1955—Continued

reporting irrigation beginning in 1946 or later. See text.]

Total cost			Cost of irrigation equipment				Cost of leveling and ditching				Cost of constructing reservoirs, etc., for storing water and for drilling wells				
Dollars	Per farm (dollars)	Per acre irrigated in 1954 (dollars)	Farms reporting	Total (dollars)	Per farm reporting (dollars)	Per acre irrigated in 1954 (dollars)	Farms reporting	Total (dollars)	Per farm reporting (dollars)	Per acre irrigated in 1954 (dollars)	Farms reporting	Total (dollars)	Per farm reporting (dollars)	Per acre irrigated in 1954 (dollars)	
3,659,940	6,536	180	559	3,000,933	5,368	148	80	48,387	605	2.38	409	610,620	1,493	30.02	1
160,781	1,546	397	104	119,872	1,153	296	11	4,265	388	10.53	64	36,644	573	90.48	2
220,929	3,249	314	68	186,560	2,744	265	13	5,885	453	8.36	46	28,484	619	40.46	3
260,319	4,199	224	62	225,118	3,631	194	8	2,970	371	2.56	38	32,231	848	27.76	4
576,671	5,545	193	104	472,600	4,544	158	16	9,813	613	3.28	77	94,258	1,224	31.50	5
1,229,467	8,782	153	140	1,033,605	7,383	129	20	12,258	613	1.52	111	183,604	1,654	22.84	6
879,814	14,664	154	59	700,253	11,869	123	12	13,196	1,100	2.31	52	166,365	3,199	29.12	7
108,599	27,150	159	4	94,647	23,662	138	...	...	...	...	4	13,952	3,488	20.37	8
223,360	12,409	347	18	168,278	9,349	262	...	...	...	...	17	55,082	3,240	85.66	9
1,227,710	4,432	160	277	1,058,772	3,822	138	11	3,051	277	0.40	143	165,887	1,160	21.60	10
106,380	1,637	409	65	81,455	1,253	313	4	968	242	3.72	39	23,957	614	92.14	11
130,569	3,185	280	41	111,531	2,720	239	2	90	45	0.19	23	18,948	824	40.66	12
159,746	3,399	191	47	142,653	3,035	171	3	1,718	573	2.06	18	15,375	854	18.41	13
265,388	4,576	149	58	229,706	3,960	129	2	275	138	0.15	29	35,407	1,221	19.87	14
359,212	6,531	125	55	312,112	5,675	108	...	...	...	...	28	47,100	1,682	16.33	15
90,450	18,090	182	5	83,350	16,670	168	...	...	...	...	3	7,100	2,367	14.29	16
115,500	28,875	121	4	97,500	24,375	102	...	...	...	...	3	18,000	6,000	18.81	17
465	232	...	2	465	232	...	...	...	...	...	...	...	...	...	18
932,641	4,145	180	225	729,121	3,241	140	11	13,280	1,207	2.56	132	190,240	1,441	36.63	19
156,024	1,880	508	83	108,017	1,301	352	5	7,330	1,466	23.88	49	40,677	830	132.50	20
135,020	3,293	305	41	109,951	2,682	249	2	450	225	1.02	25	24,619	985	55.70	21
94,744	3,267	154	29	76,652	2,643	124	1	1,000	1,000	1.62	15	17,092	1,139	27.75	22
176,617	6,541	217	27	138,771	5,140	171	...	...	...	...	16	37,846	2,365	46.55	23
245,952	8,198	148	30	202,970	6,766	122	1	500	500	0.30	17	42,482	2,499	25.61	24
91,370	11,421	98	8	63,970	7,996	68	1	3,000	3,000	3.20	8	24,400	3,050	26.04	25
21,000	10,500	54	2	20,000	10,000	51	...	...	...	...	1	1,000	1,000	2.55	26
11,914	2,383	441	5	8,790	1,758	326	1	1,000	1,000	37.04	1	2,124	2,124	78.67	27
763,815	6,365	105	120	643,216	5,360	88	4	5,550	1,388	0.76	73	115,049	1,576	15.80	28
60,863	1,522	438	40	50,973	1,274	367	...	...	...	...	25	9,890	396	71.15	29
30,156	3,351	296	9	25,692	2,855	252	...	...	...	...	6	4,464	744	43.76	30
46,030	3,541	213	13	39,950	3,073	185	1	50	50	0.23	9	6,030	670	27.92	31
81,956	4,313	125	19	75,646	3,981	115	...	...	...	...	9	6,310	701	9.60	32
110,435	6,496	107	17	102,155	6,009	99	...	...	...	...	10	8,280	828	8.05	33
161,375	9,493	85	17	129,300	7,606	68	3	5,500	1,833	2.88	12	26,575	2,215	13.94	34
87,000	21,750	72	4	83,500	20,875	70	...	...	...	...	1	3,500	3,500	2.92	35
186,000	186,000	91	1	136,000	136,000	67	...	...	...	...	1	50,000	50,000	24.58	36
274,312	4,156	195	66	227,311	3,444	162	3	400	133	0.28	37	46,601	1,259	33.19	37
24,202	1,210	318	20	16,430	822	216	1	50	50	0.66	13	7,722	594	101.61	38
60,538	3,784	415	16	53,824	3,364	369	1	50	50	0.34	8	6,664	833	45.64	39
57,050	5,186	243	11	48,800	4,436	208	1	300	300	1.28	5	7,950	1,590	33.83	40
53,445	4,454	124	12	43,000	3,583	100	...	...	...	...	5	10,445	2,089	24.29	41
37,577	9,394	267	4	29,257	7,314	207	...	...	...	...	4	8,320	2,080	59.01	42
41,500	13,833	110	3	36,000	12,000	96	...	...	...	...	2	5,500	2,750	14.63	43
702,669	5,283	152	133	626,048	4,707	136	8	5,410	676	1.17	68	71,211	1,047	15.43	44
48,694	1,391	383	35	43,770	1,251	345	2	330	165	2.60	16	4,594	287	36.17	45
74,334	2,753	265	27	60,496	2,241	215	1	600	600	2.14	15	13,238	883	47.11	46
43,352	3,941	264	11	38,202	3,473	233	...	...	...	...	7	5,150	736	31.40	47
80,258	3,822	142	21	68,631	3,268	121	3	2,380	793	4.20	10	9,247	925	16.34	48
114,181	6,717	156	17	99,114	5,830	136	...	...	...	...	11	15,067	1,370	20.61	49
124,150	13,794	122	9	110,750	12,306	109	...	...	...	...	4	13,400	3,350	13.14	50
203,700	22,633	118	9	191,900	21,322	111	1	1,500	1,500	0.87	3	10,300	3,433	5.97	51
14,000	3,500	7,000	4	13,185	3,296	6,592	1	600	600	300.00	2	215	108	107.50	52
2,243,235	4,101	228	545	1,921,974	3,527	195	43	41,196	958	4.19	329	280,065	851	28.49	53
305,395	1,958	489	156	269,733	1,729	432	13	7,053	543	11.28	82	28,609	349	45.77	54
391,265	2,835	288	137	333,706	2,436	245	15	5,797	386	4.26	89	51,762	582	38.06	55
442,891	4,385	281	100	363,907	3,639	231	6	1,754	292	1.11	60	77,230	1,287	48.97	56
359,236	5,118	199	78	356,774	4,574	178	3	842	281	0.42	47	41,620	886	20.72	57
375,073	7,354	156	51	335,830	6,585	140	2	1,150	575	0.48	33	38,093	1,154	15.88	58
214,495	14,300	147	15	182,344	12,156	125	2	2,100	1,050	1.44	14	30,051	2,146	20.58	59
47,500	47,500	271	1	45,000	45,000	257	1	2,500	2,500	14.29	...	...	...	...	60
48,000	48,000	273	1	18,000	18,000	102	1	20,000	20,000	113.64	1	10,000	10,000	56.82	61
19,380	3,230	380	6	16,680	2,780	327	...	...	...	...	3	2,700	900	52.94	62

IRRIGATION IN HUMID AREAS

FOR FARMS REPORTING COST OF IRRIGATION SYSTEMS, BY LARGEST ACREAGE IRRIGATED IN ANY YEAR,

1955—Continued

reporting irrigation beginning in 1946 or later. See text]

Total cost			Cost of irrigation equipment				Cost of leveling and ditching				Cost of constructing reservoirs, etc., for storing water and for drilling wells				
Dollars	Per farm (dollars)	Per acre irrigated in 1954 (dollars)	Farms reporting	Total (dollars)	Per farm reporting (dollars)	Per acre irrigated in 1954 (dollars)	Farms reporting	Total (dollars)	Per farm reporting (dollars)	Per acre irrigated in 1954 (dollars)	Farms reporting	Total (dollars)	Per farm reporting (dollars)	Per acre irrigated in 1954 (dollars)	
520,844	5,541	192	94	454,455	4,835	167	6	5,533	922	2.03	44	60,856	1,383	22.38	1
86,083	3,311	916	26	83,713	3,220	891	1	283	283	3.01	8	2,087	261	22.20	2
37,103	3,092	273	12	33,363	2,780	245	...	...	...	...	4	3,740	935	27.50	3
57,910	4,455	243	13	43,688	3,361	184	2	2,700	1,350	11.34	9	11,522	1,280	48.41	4
94,679	5,569	194	17	79,386	4,670	163	2	2,475	1,238	5.08	9	12,818	1,424	26.32	5
156,574	7,829	142	20	136,310	6,816	124	1	75	75	0.07	11	20,189	1,835	18.32	6
88,495	14,749	134	6	77,995	12,999	118	...	...	...	...	3	10,500	3,500	15.86	7
83,107	3,957	144	21	71,047	3,383	123	2	790	395	1.37	12	11,270	939	19.57	8
5,896	1,474	328	4	5,456	1,364	303	...	...	...	...	2	440	220	24.44	9
3,770	1,885	188	2	2,600	1,300	130	...	...	...	...	2	1,170	585	58.50	10
6,325	3,162	141	2	3,900	1,950	87	1	700	700	15.56	2	1,725	862	38.33	11
9,150	4,575	179	2	6,475	3,238	127	...	...	...	...	2	2,675	1,338	52.45	12
45,246	4,525	102	10	41,656	4,166	94	1	90	90	0.20	3	3,500	1,167	7.92	13
12,720	...	...	1	10,960	10,960	...	...	...	...	...	1	1,760	1,760	...	14
1,318,692	4,710	85	278	1,105,366	3,976	71	39	35,111	900	2.26	98	178,215	1,819	11.48	15
62,645	1,528	399	40	51,825	1,296	330	5	3,465	693	22.07	13	7,355	566	46.85	16
98,155	2,974	251	32	84,430	2,638	216	3	500	167	1.28	10	13,225	1,322	33.82	17
99,825	3,120	149	32	79,365	2,480	118	1	60	60	0.09	10	20,400	2,040	30.45	18
197,807	4,121	148	48	145,769	3,037	109	3	1,850	617	1.39	15	50,188	3,346	37.62	19
350,945	5,161	90	68	302,442	4,448	78	10	4,086	409	1.05	23	44,417	1,931	11.40	20
274,074	7,028	60	39	240,924	6,178	53	8	6,970	871	1.52	19	26,180	1,378	5.70	21
217,191	12,776	50	17	182,561	10,739	42	9	18,180	2,020	4.17	8	16,450	2,056	3.78	22
18,050	9,025	134	2	18,050	9,025	134	...	...	...	...	...	...	...	...	23
356,853	10,814	137	33	298,567	9,047	115	3	2,500	833	0.96	24	55,786	2,324	21.46	24
1,000	1,000	333	1	800	800	267	...	...	...	...	1	200	200	66.67	25
9,527	3,176	251	3	7,015	2,338	185	...	...	...	...	2	2,512	1,256	66.11	26
4,650	4,650	274	1	4,300	4,300	253	1	100	100	5.88	1	250	250	14.71	27
25,475	6,369	250	4	21,900	5,475	215	...	...	...	...	3	3,575	1,192	35.05	28
43,549	8,710	136	5	41,250	8,250	129	...	...	...	...	4	2,299	575	7.16	29
176,352	12,597	128	14	136,602	9,757	99	2	2,400	1,200	1.75	9	37,350	4,150	27.18	30
96,300	19,260	129	5	86,700	17,340	116	...	...	...	...	4	9,600	2,400	12.89	31
687,578	6,808	129	100	534,795	5,348	100	9	8,025	892	1.51	66	144,758	2,193	27.17	32
30,152	1,587	642	19	19,287	1,015	410	...	...	...	...	10	10,865	1,086	231.17	33
39,045	3,003	237	12	28,282	2,357	171	2	725	362	4.39	12	10,038	836	60.84	34
36,959	3,360	186	11	29,794	2,709	150	...	...	...	...	7	7,165	1,024	36.01	35
94,600	4,979	119	19	84,450	4,445	158	2	750	375	1.40	9	9,400	1,044	17.60	36
118,481	6,582	113	18	104,331	5,796	99	...	...	...	...	10	14,150	1,415	13.49	37
98,440	8,949	87	11	83,200	7,564	74	3	4,050	1,350	3.60	9	11,190	1,243	9.94	38
153,650	17,072	96	9	132,200	14,689	82	2	2,500	1,250	1.55	8	18,950	2,369	11.78	39
116,251	116,251	194	1	53,251	53,251	89	...	...	...	...	1	63,000	63,000	105.00	40
1,812,422	6,102	154	296	1,337,113	4,517	113	19	21,420	1,127	1.82	202	453,889	2,247	38.49	41
193,203	2,611	540	73	142,212	1,948	397	2	40	20	0.11	51	50,951	999	142.32	42
179,746	3,908	308	46	124,423	2,705	213	1	300	300	0.51	35	55,023	1,572	94.38	43
174,962	4,604	225	38	117,147	3,083	151	4	1,360	340	1.75	30	56,455	1,882	72.66	44
220,115	5,119	160	43	167,550	3,897	122	2	460	230	0.33	27	52,105	1,930	37.87	45
484,797	8,814	145	55	357,287	6,496	107	8	17,460	2,182	5.22	34	110,050	3,237	32.89	46
370,949	11,241	100	33	281,654	8,535	76	...	...	...	...	20	89,295	4,465	24.03	47
184,540	26,363	113	7	144,040	20,577	88	1	1,000	1,000	0.61	4	39,500	9,875	24.20	48
4,110	4,110	822	1	2,800	2,800	560	1	800	800	160.00	1	510	510	102.00	49
89,590	5,599	122	16	67,490	4,218	92	1	200	200	0.27	5	21,900	4,380	29.76	50
5,500	1,833	344	3	4,900	1,633	306	1	200	200	12.50	1	400	400	25.00	51
4,600	1,533	112	3	4,600	1,533	112	...	...	...	...	...	...	...	...	52
5,000	2,500	143	2	3,500	1,750	100	...	...	...	...	1	1,500	1,500	42.86	53
23,090	4,618	114	5	13,090	2,618	65	...	...	...	...	1	10,000	10,000	49.50	54
13,900	13,900	232	1	6,900	6,900	115	...	...	...	...	1	7,000	7,000	116.67	55
12,500	12,500	174	1	9,500	9,500	132	...	...	...	...	1	3,000	3,000	41.67	56
25,000	25,000	81	1	25,000	25,000	81	...	...	...	...	...	...	...	...	57
3,988,395	4,992	259	796	2,832,441	3,558	184	59	37,676	639	2.45	613	1,118,278	1,824	72.66	58
654,354	2,397	492	271	484,487	1,788	364	17	4,660	274	3.50	181	165,207	913	124.22	59
1,021,345	4,402	296	232	727,245	3,135	282	10	2,976	298	1.15	192	291,124	1,516	112.93	60
648,332	5,789	390	112	424,234	3,788	190	14	13,095	935	5.86	96	211,003	2,198	94.45	61
774,741	6,796	219	114	547,474	4,802	155	11	10,340	940	2.92	89	216,927	2,437	61.23	62
572,126	11,443	225	50	417,726	8,355	164	3	1,400	467	0.59	41	153,000	3,732	60.07	63
149,999	12,500	113	12	105,446	8,787	80	1	2,200	2,200	1.66	9	42,353	4,706	31.99	64
88,493	29,498	137	3	60,829	20,276	94	1	1,000	1,000	1.55	3	26,664	8,888	41.34	65
79,000	39,500	66	2	65,000	32,500	55	1	2,000	2,000	1.68	2	12,000	6,000	10.08	66
5	5	...	...	...	...	...	1	5	5	...	...	...	...	...	67

IRRIGATION IN HUMID AREAS

Table 12.—FARMS REPORTING, ACRES IRRIGATED, SPECIFIED IRRIGATION FACILITIES, AND COST OF IRRIGATION SYSTEMS, BY STATES:

[Data on cost of irrigation systems were reported only for farms

	State and largest acreage irrigated in any year	Number of farms reporting irrigation, 1955	Area irrigated				Largest acreage irrigated in any year (acres)	Pumps, 1955		Farms reporting reservoirs, dams, etc., for storing water, 1955
			1954		1955			Farms reporting	Number	
			Farms reporting	Acres	Farms reporting	Acres				
1	South Carolina.....	234	223	10,180	183	6,956	11,848	229	279	187
2	1 to 9 acres.....	31	29	139	26	131	162	30	34	24
3	10 to 19 acres.....	44	41	433	37	456	602	43	49	37
4	20 to 29 acres.....	42	41	795	33	712	1,004	41	43	32
5	30 to 49 acres.....	41	39	1,001	34	1,001	1,460	41	49	30
6	50 to 99 acres.....	43	42	2,598	31	1,741	2,929	43	49	36
7	100 to 199 acres.....	18	18	2,016	11	1,142	2,328	16	24	14
8	200 to 499 acres.....	11	10	2,385	8	1,386	2,763	11	26	10
9	500 to 999 acres.....	1	1	600	1	275	600	1	2	1
10	Not reported.....	3	2	213	2	112	...	3	3	3
11	Georgia.....	408	381	12,679	370	12,907	16,197	402	478	320
12	1 to 9 acres.....	112	103	496	95	507	628	107	113	82
13	10 to 19 acres.....	81	73	782	76	977	1,093	81	88	67
14	20 to 29 acres.....	68	61	1,072	65	1,349	1,553	67	78	55
15	30 to 49 acres.....	65	63	1,785	60	1,943	2,314	65	78	53
16	50 to 99 acres.....	48	47	2,184	44	2,483	3,154	48	62	37
17	100 to 199 acres.....	20	20	1,933	19	1,817	2,451	20	28	13
18	200 to 499 acres.....	8	8	2,217	6	1,758	2,369	8	15	8
19	500 to 999 acres.....	4	4	2,020	3	1,885	2,635	4	13	3
20	Not reported.....	2	2	190	2	188	...	2	3	2
21	Kentucky.....	376	366	8,341	246	4,221	9,443	371	399	122
22	1 to 9 acres.....	150	146	613	90	362	630	146	153	46
23	10 to 19 acres.....	74	73	944	49	454	998	73	73	25
24	20 to 29 acres.....	51	50	1,070	32	510	1,195	51	55	15
25	30 to 49 acres.....	53	52	1,750	40	896	1,967	53	57	17
26	50 to 99 acres.....	29	28	1,760	20	667	1,946	29	35	9
27	100 to 199 acres.....	14	14	1,587	12	887	1,726	14	16	8
28	200 to 499 acres.....	4	3	617	3	445	981	4	9	2
29	Not reported.....	1	...	...	...	...	...	1	1	...
30	Tennessee.....	366	342	12,044	294	8,605	14,415	360	393	97
31	1 to 9 acres.....	110	102	401	81	313	469	104	109	26
32	10 to 19 acres.....	51	46	491	45	518	681	51	53	19
33	20 to 29 acres.....	49	44	916	41	816	1,108	49	54	17
34	30 to 49 acres.....	62	61	1,959	51	1,313	2,220	62	65	13
35	50 to 99 acres.....	49	48	2,696	42	1,938	3,326	49	52	8
36	100 to 199 acres.....	28	25	2,815	20	1,717	3,448	28	35	8
37	200 to 499 acres.....	14	14	2,708	12	1,964	3,163	14	21	6
38	Not reported.....	3	2	58	2	26	...	3	4	...
39	Alabama.....	156	151	7,839	129	6,410	9,884	155	197	61
40	1 to 9 acres.....	27	27	108	25	113	128	27	30	8
41	10 to 19 acres.....	25	25	269	19	226	310	24	27	7
42	20 to 29 acres.....	13	12	231	13	236	304	13	21	8
43	30 to 49 acres.....	21	21	524	17	515	752	21	25	8
44	50 to 99 acres.....	37	36	2,179	27	1,520	2,551	37	40	13
45	100 to 199 acres.....	22	22	2,455	19	1,957	2,961	22	33	10
46	200 to 499 acres.....	9	7	1,473	9	1,843	2,278	9	19	6
47	500 to 999 acres.....	1	1	600	...	...	600	1	1	...
48	Not reported.....	1	...	...	...	...	...	1	1	1
49	Mississippi.....	374	366	55,871	279	44,993	65,596	360	675	114
50	1 to 9 acres.....	41	41	174	25	105	191	30	33	18
51	10 to 19 acres.....	22	21	232	14	159	283	20	22	10
52	20 to 29 acres.....	27	25	569	12	232	650	26	30	9
53	30 to 49 acres.....	35	35	1,144	23	724	1,271	35	38	9
54	50 to 99 acres.....	61	61	3,432	46	2,233	3,938	61	79	18
55	100 to 199 acres.....	73	69	8,387	54	6,443	10,288	73	115	15
56	200 to 499 acres.....	83	82	19,913	74	15,752	23,463	83	195	24
57	500 to 999 acres.....	27	27	14,862	26	12,735	17,369	27	101	9
58	1,000 acres and over.....	5	5	7,158	5	6,610	8,143	5	62	2

IRRIGATION IN HUMID AREAS

FOR FARMS REPORTING COST OF IRRIGATION SYSTEMS, BY LARGEST ACREAGE IRRIGATED IN ANY YEAR,

1955—Continued

reporting irrigation beginning in 1946 or later. See text]

Total cost			Cost of irrigation equipment				Cost of leveling and ditching				Cost of constructing reservoirs, etc., for storing water and for drilling wells			
Dollars	Per farm (dollars)	Per acre irrigated in 1954 (dollars)	Farms reporting	Total (dollars)	Per farm reporting (dollars)	Per acre irrigated in 1954 (dollars)	Farms reporting	Total (dollars)	Per farm reporting (dollars)	Per acre irrigated in 1954 (dollars)	Farms reporting	Total (dollars)	Per farm reporting (dollars)	Per acre irrigated in 1954 (dollars)
1,576,599	6,738	155	232	1,059,966	4,569	104	29	34,167	1,178	3.36	194	482,466	2,487	47.39
93,112	3,004	670	31	56,754	1,831	408	5	1,300	260	9.35	28	35,058	1,252	252.22
169,281	3,847	391	44	120,070	2,729	277	5	1,650	330	3.81	38	47,561	1,252	109.84
184,507	4,393	232	41	116,955	2,853	147	5	1,042	208	1.31	33	66,510	2,015	83.66
278,629	6,796	278	41	166,972	4,072	167	2	3,200	1,600	3.20	30	108,457	3,615	108.35
359,580	8,362	138	43	247,205	5,749	95	7	16,575	2,368	6.38	36	95,800	2,661	36.87
221,155	12,286	110	17	172,915	10,171	86	3	5,200	1,733	2.58	14	43,040	3,074	21.35
242,235	22,021	102	11	164,595	14,963	69	2	5,200	2,600	2.18	11	72,440	6,585	30.37
15,000	15,000	25	1	5,000	5,000	1	...	...	...	...	1	10,000	10,000	16.67
13,100	4,367	62	3	9,500	3,167	45	...	...	...	...	3	3,600	1,200	16.90
2,944,255	7,216	232	403	1,970,929	4,891	155	36	32,001	889	2.52	339	941,325	2,777	74.24
347,757	3,105	701	108	228,957	2,120	462	13	2,650	204	5.34	87	116,150	1,335	234.17
406,634	5,020	520	81	269,430	3,326	345	3	2,900	967	3.71	73	134,304	1,840	171.74
429,349	6,314	401	67	268,457	4,007	250	6	6,375	1,062	5.95	58	154,517	2,664	144.14
533,446	8,207	299	65	355,500	5,469	199	7	8,375	1,196	4.69	54	169,571	3,140	95.00
536,586	11,179	246	48	353,994	7,375	162	4	3,701	925	1.69	40	178,891	4,472	81.91
216,483	10,824	112	20	145,891	7,295	75	1	2,000	2,000	1.03	14	68,592	4,899	35.48
170,800	21,350	77	8	113,700	14,212	51	1	1,000	1,000	0.45	8	56,100	7,012	25.30
280,000	70,000	139	4	218,000	54,500	108	3	5,000	5,000	2.48	3	57,000	19,000	28.22
23,200	11,600	122	2	17,000	8,500	89	...	...	...	...	2	6,200	3,100	32.63
1,376,536	3,661	165	376	1,455,730	3,074	139	7	1,574	225	0.19	145	219,232	1,512	26.28
305,815	2,039	499	150	268,047	1,787	437	1	22	22	0.04	57	37,746	662	61.58
240,633	3,252	255	74	208,698	2,820	221	1	150	150	0.16	30	31,785	1,060	33.67
186,921	3,665	175	51	171,187	3,357	160	1	40	40	0.04	18	15,694	872	14.67
219,099	4,134	125	53	178,390	3,366	102	3	1,062	354	0.61	19	39,647	2,087	22.66
216,192	7,455	123	29	181,292	6,251	103	1	300	300	0.17	11	34,600	3,145	19.66
132,869	9,491	84	14	98,109	7,008	62	...	...	...	...	8	34,760	4,345	21.90
75,000	18,750	122	4	50,000	12,500	81	...	...	...	...	2	25,000	12,500	40.52
7	7	...	1	7	7	...	...	...	...	...	...	...	...	...
1,481,815	4,049	123	366	1,277,314	3,490	106	13	10,755	827	0.89	105	193,746	1,845	16.09
165,394	1,504	412	110	149,514	1,359	373	3	60	20	0.15	27	15,820	586	39.45
137,173	2,690	279	51	122,525	2,402	20	2	220	110	0.45	20	14,428	721	29.38
168,848	3,446	164	49	150,498	3,071	164	...	...	...	...	17	18,350	1,079	20.03
224,801	3,626	115	62	213,781	3,448	109	2	375	188	0.19	15	10,645	5,43	34
277,894	5,671	103	49	255,124	5,207	95	1	200	200	0.07	10	22,570	2,257	8.37
272,450	9,730	97	28	213,300	7,618	76	3	5,700	1,900	2.02	9	53,450	5,939	18.99
227,680	16,263	84	14	164,997	11,786	61	2	4,200	2,100	1.55	7	58,483	8,355	21.60
7,575	2,525	131	3	7,575	2,525	131	...	...	...	...	...	...	...	...
1,132,779	7,261	145	155	969,877	6,257	124	23	6,752	294	0.86	77	156,150	2,028	19.92
48,393	1,792	448	27	38,023	1,408	352	5	720	144	6.67	13	9,650	742	89.35
126,253	5,050	469	24	111,332	4,639	414	7	1,082	155	4.02	12	13,839	1,153	51.45
143,778	11,060	622	13	124,347	9,265	538	3	250	83	1.08	9	19,181	2,131	83.03
116,720	5,558	223	21	78,695	3,747	150	2	1,600	800	3.05	9	36,425	4,047	69.51
297,250	6,953	118	37	226,250	6,115	104	3	700	233	0.32	16	30,300	1,894	13.91
205,060	9,321	84	22	179,350	8,152	73	3	2,400	800	0.98	11	23,310	2,119	9.49
225,010	25,001	153	9	201,700	22,411	137	...	...	...	...	6	23,310	3,885	15.82
10,000	10,000	17	1	10,000	10,000	17	...	...	...	...	...	...	...	...
315	315	...	1	180	180	...	...	...	...	...	1	135	135	...
3,550,909	9,494	64	365	2,185,188	5,987	39	209	442,677	2,118	7.92	225	923,044	4,102	16.52
44,126	1,076	254	34	29,409	865	169	18	1,576	88	9.06	21	13,141	626	75.52
44,189	2,009	190	20	33,959	1,698	146	4	1,600	400	6.90	12	8,630	719	37.20
68,787	2,548	121	27	49,643	1,839	87	13	5,625	433	9.89	13	13,519	1,040	23.76
95,331	2,724	83	35	78,092	2,117	65	8	1,235	154	1.08	13	20,004	1,539	17.49
316,404	5,187	92	61	223,054	3,657	65	30	16,250	582	4.73	34	77,100	2,268	22.47
661,804	9,066	79	73	436,143	5,975	52	43	59,869	1,392	7.14	41	165,792	4,044	19.77
1,200,712	14,465	60	83	794,169	9,568	40	64	136,767	2,137	6.87	66	269,776	4,088	13.55
793,656	29,395	53	27	425,619	15,764	29	25	158,755	6,350	10.68	20	209,282	10,464	14.08
325,900	65,180	46	5	119,100	23,820	17	4	61,000	15,250	8.52	5	145,800	29,160	20.37