

CENSUS OF IRRIGATION—UNITED STATES SUMMARY

TABLE 20.—IRRIGATED FARMS AND TENURE OF FARM OPERATORS, 1940 AND 1930; IRRIGATED AREA, AND OPERATION, CHARGES, AND INDEBTEDNESS, 1939 AND 1929; LAND IN IRRIGATED FARMS,

ITEM (For definitions and explanations, see text)	TOTAL (19 States, exclusive of Florida) ¹	Arizona		Arkansas		
		Primary	Supplemental	Primary	Supplemental	
FARMS, ACREAGE, AND TENURE OF FARM OPERATORS*						
1 All farms.....1940..number.....	1,897,845	18,468		216,674		
2 ..1930..number.....	2,062,813	14,173		242,334		
3 Irrigated farms.....1940..number.....	291,655	10,339		1,529		
4 ..1930..number.....	265,147	8,522		1,096		
5 Increase or decrease (-), 1930-1940.....percent.....	10.0	21.3		39.5		
Operated by—						
6 (a) Owners and managers.....1940..number.....	221,639	8,787		958		
7 ..1930..number.....	203,825	6,750		625		
8 (b) Tenants.....1940..number.....	70,016	1,552		571		
9 ..1930..number.....	61,322	1,773		471		
10 Land in all farms.....1940..acres.....	629,050,311	25,651,092		18,044,542		
11 Land in irrigated farms.....1940..acres.....	112,601,431	5,274,470		592,920		
12 Average per farm.....1940..acres.....	386	510		388		
13 (a) Operated by owners and managers.....1940..acres.....	97,502,649	5,051,817		394,572		
14 Average per farm.....1940..acres.....	440	575		412		
15 (b) Operated by tenants.....1940..acres.....	15,098,782	222,653		198,348		
16 Average per farm.....1940..acres.....	216	143		347		
17 Approximate land area.....1940..acres.....	1,225,056,640	72,691,200		33,744,000		
IRRIGATED AND IRRIGABLE AREAS						
18 Area irrigated.....1939..acres.....	21,003,739	653,263		161,601		
19 (a) Cropland harvested.....1939..acres.....	18,300,138	592,305		158,833		
20 (b) Crop failure.....1939..acres.....	259,188	3,321		133		
21 (c) Pasture.....1939..acres.....	2,444,413	57,637		2,635		
22 Area irrigated.....1929..acres.....	19,547,544	575,590		151,787		
23 ..1919..acres.....	19,191,716	467,565		143,946		
24 Increase or decrease (-), 1929-1939.....percent.....	7.4	13.5		6.5		
25 Irrigable area in enterprises.....1940..acres.....	31,905,949	1,104,645		314,929		
26 ..1930..acres.....	30,599,470	1,085,627		225,992		
27 ..1920 ² ..acres.....	35,890,821	813,153		246,480		
28 Excess of irrigable area over the area irrigated.....1940..acres.....	10,302,210	451,382		153,328		
29 ..1930..acres.....	11,051,926	510,037		74,205		
30 Area works were capable of supplying with water.....1940..acres.....	28,055,248	844,212		287,765		
31 ..1930..acres.....	26,101,890	824,152		209,942		
32 ..1920..acres.....	26,020,477	627,303		179,013		
33 Increase or decrease (-), 1930-1940.....percent.....	7.5	2.4		37.1		
34 Excess, capability of works over area irrigated.....1940..acres.....	7,051,509	190,949		126,164		
35 ..1930..acres.....	6,554,346	248,562		58,155		
36 Proportion which area irrigated is of all lands in irrigated farms.....1939..percent.....	18.7	12.4		27.3		
37 ..1929..percent.....	25.0	19.3		41.8		
38 Proportion which area irrigated is of area works were capable of supplying with water.....1939..percent.....	74.9	77.4		56.2		
39 ..1929..percent.....	74.9	69.8		72.3		
CAPITAL INVESTED TO JANUARY 1						
40 Total investment in all enterprises.....1940..dollars.....	1,052,049,201	83,526,608		5,766,895		
41 (a) Cost of irrigation works and equipment.....1940..dollars.....	1,025,672,714	82,990,947		5,766,895		
42 (b) Investment in water rights (reported).....1940..dollars.....	26,376,487	535,661		.....	
43 Total investment in all enterprises.....1930..dollars.....	892,755,790	73,328,197		6,836,648		
44 ..1920..dollars.....	697,637,328	33,498,094		7,183,322		
45 Increase or decrease (-), 1930-1940.....percent.....	17.8	13.9		-15.6		
Average investment, based on area works were capable of supplying with water, per acre.....						
46 ..1940..dollars.....	37.50	98.94		20.04		
47 ..1930..dollars.....	34.20	88.97		32.56		
48 ..1920..dollars.....	26.81	53.40		40.13		
49 Average investment per acre irrigated.....1939..dollars.....	50.09	127.86		35.69		
50 Estimated final investment in existing enterprises.....1940..dollars.....	1,126,545,687	108,980,519		5,878,930		
51 ..1930..dollars.....	1,015,108,210	91,913,550		6,844,092		
52 ..1920..dollars.....	819,778,005	34,615,064		7,283,522		
53 Increase or decrease (-), 1930-1940.....percent.....	11.0	18.6		-14.1		
54 Average investment, based on estimated final investment and irrigable area, per acre.....1940..dollars.....	35.99	98.66		18.67		
55 ..1930..dollars.....	33.17	84.66		30.28		
56 ..1920 ² ..dollars.....	22.84	42.57		29.55		
MAINTENANCE AND OPERATION, CHARGES AND INDEBTEDNESS						
57 Enterprises reporting maintenance and operation.....1939..number.....	Enterprises		Enterprises		Enterprises	
	72,457	10,161	1,360	127	1,229	3
58 Area irrigated in these enterprises.....1939..acres.....	20,193,761	2,983,963	630,942	14,463	153,346	231
59 Cost of maintenance and operation.....1939..dollars.....	43,172,526	2,828,094	3,101,467	50,715	835,891	1,201
60 Average cost, per acre irrigated.....1939..dollars.....	2.14	0.95	4.92	3.51	5.45	5.20
61 ..1929..dollars.....	2.77	4.57	7.03
62 Total annual charges (reported) ⁴.....1939..dollars.....	32,876,404	1,408,263	2,826,235	450	34,409
63 Average annual charge per acre irrigated.....1939..dollars.....	2.40	0.59	5.42	3.00	7.05
64 Area against which charges were assessed.....1939..acres.....	16,570,704	2,592,476	656,350	250	4,879
65 Average annual charge per acre assessed.....1939..dollars.....	1.98	0.54	4.31	1.80	7.05
66 Total charges collected ⁴.....1939..dollars.....	27,552,300	1,148,062	1,943,583	400	23,818
67 Indebtedness to December 31 (reported) ⁵.....1939..dollars.....	360,304,925	26,335,349	42,589,633	2,500
WATER DELIVERED TO IRRIGATORS						
68 Enterprises reporting water delivered.....1939..number.....	72,899	10,105	1,363	118	1,259	2
69 Area irrigated in these enterprises.....1939..acres.....	19,377,064	2,986,061	622,469	71,901	158,767	(8)
70 Water delivered in these enterprises.....1939..acre-feet.....	52,982,775	4,206,532	2,056,290	80,044	441,289	(9)
71 Average water delivered per acre irrigated.....1939..acre-feet.....	2.7	1.4	3.3	1.1	2.8	(9)
72 Average cost of water per acre irrigated.....1939..dollars.....	2.60	1.10	5.82	2.88	5.42	(9)
DRAINAGE OF IRRIGATED LAND						
73 Enterprises reporting land drained or needing drainage.....1939..number.....	3,587	18	96
74 Irrigable area in these enterprises.....1939..acres.....	9,553,069	418,539	34,894
75 Irrigated area in these enterprises.....1939..acres.....	6,224,568	271,680	14,700
76 Area for which drains have been installed.....1939..acres.....	3,861,305	93,803	26,078
77 Additional area needing drainage.....1939..acres.....	897,912	107,651	2,016

* Census of Agriculture.
¹ For the 17 western States and Arkansas and Louisiana.
² For 1920 relates to total area in enterprises. Irrigable area for that year was not reported.
³ Revised.

CENSUS OF IRRIGATION—UNITED STATES SUMMARY

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1939, 1929, AND 1919; IRRIGABLE AREA AND CAPITAL INVESTED, 1940, 1930, AND 1920; MAINTENANCE
1940; WATER DELIVERED TO IRRIGATORS AND DRAINAGE OF IRRIGATED LAND, 1939

California		Colorado		Florida		Idaho		Kansas		Louisiana		Montana		
132,658		51,436		62,248		43,663		156,327		150,007		41,823		1
135,676		59,956		.....		41,674		166,042		161,445		47,495		2
84,310		29,766		3,947		29,898		1,578		7,037		15,087		3
85,784		31,289		.....		27,953		683		5,588		11,925		4
-1.7		-4.8		.....		7.0		131.0		25.9		26.5		5
69,306		18,865		3,490		21,773		1,031		3,807		10,858		6
71,911		20,060		.....		20,486		391		3,049		8,701		7
15,004		10,901		457		8,125		547		3,220		4,229		8
19,873		11,228		.....		7,467		292		2,539		3,224		9
30,524,324		31,627,240		8,337,708		10,297,745		48,173,635		9,996,108		46,451,594		10
14,071,222		12,522,458		596,139		5,680,584		871,189		1,066,655		16,022,060		11
167		421		151		190		552		152		1,062		12
12,016,422		10,181,139		575,825		4,721,461		656,835		642,822		14,015,361		13
173		540		165		217		169		169		1,291		14
2,054,800		2,341,319		20,314		959,123		214,353		423,833		2,006,699		15
137		215		44		118		392		131		475		16
100,353,920		66,539,860		34,727,680		52,997,120		52,552,320		28,913,280		93,642,240		17
5,069,568		3,220,685		132,362		2,277,857		99,980		447,095		1,711,409		18
4,621,791		2,796,075		125,474		2,026,435		85,139		442,317		1,501,878		19
22,084		73,844		4,204		12,448		11,386		1,078		7,844		20
425,693		350,766		2,684		238,974		3,455		3,700		201,687		21
4,746,632		3,393,619		.....		2,181,250		71,290		450,901		1,594,912		22
4,219,040		3,348,385		.....		2,488,806		47,312		454,882		1,681,729		23
6.8		-5.1		.....		4.4		40.2		-0.8		7.3		24
8,039,175		4,283,250		188,557		2,870,023		147,226		793,674		2,588,214		25
8,075,695		4,528,251		.....		2,814,048		95,719		850,401		2,622,423		26
7,605,207		5,220,588		.....		3,780,048		102,562		851,211		4,339,148		27
2,969,607		1,062,565		56,195		582,166		47,246		346,579		876,805		28
3,329,263		1,134,632		.....		632,798		24,429		399,500		1,027,511		29
7,398,676		3,913,542		175,813		2,593,534		142,409		759,915		2,344,390		30
6,815,250		4,078,712		.....		2,617,021		83,583		795,165		2,276,000		31
5,894,466		3,855,348		.....		3,092,810		67,853		728,742		2,753,498		32
8.6		-4.0		.....		-0.9		70.4		-4.4		3.0		33
2,329,008		692,857		43,451		315,677		42,429		312,820		632,981		34
2,068,618		685,093		.....		435,771		12,283		344,264		681,088		35
36.0		25.7		22.2		40.1		11.5		41.9		10.7		36
39.5		32.7		.....		45.0		22.9		50.5		13.3		37
68.5		62.3		75.3		87.8		70.2		58.8		73.0		38
69.6		83.2		.....		83.3		85.3		56.7		70.1		39
318,889,218		106,849,343		7,055,921		102,595,798		2,153,896		11,565,513		67,352,505		40
306,729,175		101,848,751		7,055,921		100,989,161		2,067,284		11,565,513		66,830,409		41
12,160,043		5,000,592		.....		1,596,637		86,602		.....		522,096		42
³ 310,967,979		87,630,240		.....		84,500,354		1,685,652		15,744,743		50,319,204		43
194,886,388		88,302,442		.....		91,501,009		2,067,381		14,063,181		52,143,363		44
2.5		22.0		.....		21.4		27.8		-26.5		33.9		45
43.10		27.30		40.13		39.55		15.12		15.22		28.73		46
45.63		21.48		.....		32.29		20.17		19.80		22.11		47
33.06		22.90		.....		29.59		30.47		19.30		18.94		48
62.90		33.18		53.31		45.04		21.54		25.87		39.36		49
³ 327,593,311		109,808,466		7,228,453		109,513,311		2,255,379		11,659,725		75,174,645		50
³ 325,930,535		91,845,804		.....		101,350,250		1,723,872		15,771,003		58,489,575		51
225,799,123		95,198,423		.....		97,019,717		2,195,981		14,264,178		70,079,028		52
0.5		19.6		.....		8.1		30.8		-26.1		28.5		53
40.75		25.64		38.34		38.16		15.32		14.69		29.04		54
40.96		20.28		.....		36.02		18.01		18.55		22.30		55
28.93		18.24		.....		25.67		21.41		16.76		16.19		56
Primary	Sup.	Primary	Sup.	Primary	Sup.	Primary	Sup.	Primary	Sup.	Primary	Sup.	Primary	Sup.	
Enterprises		Enterprises		Enterprises		Enterprises		Enterprises		Enterprises		Enterprises		
29,243	7,457	6,454	1,532	2,944	3,037	165	936	76	2,181	12	4,837	53	57	
4,831,550	439,235	3,128,787	608,498	112,515	2,219,486	889,254	99,033	13,628	436,931	2,434	1,650,373	168,762	58	
21,229,685	1,620,218	2,035,680	498,440	370,340	2,256,798	202,690	227,076	29,689	1,589,007	3,683	1,180,189	20,908	59	
4.39	3.69	0.65	0.82	3.29	1.02	0.23	2.29	2.18	3.64	1.51	0.72	0.12	60	
6.10	.....	0.85	.....	.....	1.44	.....	1.53	.....	4.09	.....	0.87	.....	61	
12,789,209	252,555	2,278,099	213,062	.....	2,461,470	184,534	43,166	.....	1,259,711	.....	1,057,500	93,290	62	
4.24	2.51	0.96	0.46	.....	1.25	0.21	1.05	.....	5.27	.....	1.18	0.65	63	
4,212,879	96,930	2,637,673	461,109	.....	2,141,909	885,270	56,719	.....	245,975	.....	1,065,494	176,956	64	
3.04	2.61	0.86	0.46	.....	1.15	0.21	0.76	.....	5.12	.....	0.99	0.53	65	
10,519,461	403,248	2,077,506	206,370	.....	2,635,522	67,069	31,346	.....	542,853	.....	729,103	65,214	66	
94,170,982	1,523,911	20,851,011	1,959,586	.....	23,488,279	2,929,859	43,775	.....	2,748,768	.....	41,968,921	2,573,360	67	
29,522	7,507	6,315	1,522	2,878	2,892	147	902	70	2,419	15	4,945	45	68	
4,840,760	414,972	3,039,354	588,300	111,375	2,034,989	896,000	93,008	13,268	367,081	2,579	1,524,390	123,469	69	
12,637,820	761,982	7,258,191	500,267	194,519	8,356,961	1,042,271	134,041	26,464	894,020	2,116	3,214,146	155,543	70	
2.6	1.8	2.4	0.9	1.7	4.1	1.2	1.4	2.0	2.4	0.8	2.1	1.3	71	
5.06	4.00	0.92	0.94	3.29	1.16	0.21	2.40	2.16	4.27	1.51	0.94	0.70	72	
908	.....	241	.....	847	200	.....	44	.....	634	.....	205	.....	73	
2,598,196	.....	687,246	.....	73,383	943,910	.....	3,507	.....	214,408	.....	822,140	.....	74	
1,711,027	.....	466,804	.....	46,323	731,717	.....	2,093	.....	101,321	.....	473,604	.....	75	
1,509,832	.....	119,806	.....	53,275	238,907	.....	2,552	.....	174,848	.....	147,151	.....	76	
394,963	.....	35,792	.....	5,573	29,042	.....	240	.....	12,379	.....	52,071	.....	77	

⁴ Annual charges may include costs of maintenance and operation, and assessments for payments on principal and interest on bonds, notes, warrants, and for special reasons.
⁵ Annual charges and indebtedness were reported only by enterprises serving 5 or more units, and items 62 to 67, inclusive, relate to those enterprises only.
⁶ Data are included only in total because less than 3 enterprises reported in the 1940 Census.

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TABLE 20.—IRRIGATED FARMS AND TENURE OF FARM OPERATORS, 1940 AND 1930; IRRIGATED AREA, AND OPERATION, CHARGES, AND INDEBTEDNESS, 1939 AND 1929; LAND IN IRRIGATED FARMS,

ITEM (For definitions and explanations, see text)	Nebraska		Nevada		New Mexico	
FARMS, ACREAGE, AND TENURE OF FARM OPERATORS¹						
1 All farms.....1940..number....	121,062		3,573		34,105	
2 ..1930..number....	129,456		3,442		31,404	
3 Irrigated farms.....1940..number....	6,913		3,264		15,811	
4 ..1930..number....	4,602		3,031		14,347	
5 Increase or decrease (-), 1930-1940.....percent....	50.2		7.7		10.2	
6 Operated by—						
7 (a) Owners and managers.....1940..number....	3,342		2,811		13,396	
8 ..1930..number....	2,276		2,056		11,477	
9 (b) Tenants.....1940..number....	3,571		453		2,415	
10 ..1930..number....	2,326		375		2,870	
11 Land in all farms.....1940..acres....	47,343,961		3,785,106		38,880,427	
12 ..1930..acres....	3,577,439		3,624,536		7,408,397	
13 Average per farm.....1940..acres....	517		1,110		469	
14 (a) Operated by owners and managers.....1940..acres....	2,600,098		3,420,873		6,501,491	
15 Average per farm.....1940..acres....	778		1,219		485	
16 (b) Operated by tenants.....1940..acres....	977,341		197,663		907,506	
17 Average per farm.....1940..acres....	274		436		376	
17 Approximate land area.....1940..acres....	49,057,920		70,273,280		77,767,040	
IRRIGATED AND IRRIGABLE AREAS						
18 Area irrigated.....1939..acres....	610,379		739,863		554,039	
19 (a) Cropland harvested.....1939..acres....	579,535		459,863		512,441	
20 (b) Crop failure.....1939..acres....	10,717		5,298		21,069	
21 (c) Pasture.....1939..acres....	20,127		274,702		20,529	
22 Area irrigated.....1929..acres....	532,617		486,648		527,033	
23 ..1919..acres....	442,690		561,447		538,377	
24 Increase or decrease (-), 1929-1939.....percent....	14.6		52.0		5.1	
25 Irrigable area in enterprises.....1940..acres....	1,095,567		915,689		807,656	
26 ..1930..acres....	763,039		983,717		741,245	
27 ..1920 ¹ ..acres....	766,768		1,382,036		961,879	
28 Excess of irrigable area over the area irrigated..1940..acres....	485,188		175,826		253,617	
29 ..1930..acres....	230,422		497,069		214,212	
30 Area works were capable of supplying with water..1940..acres....	992,957		841,304		731,990	
31 ..1930..acres....	703,641		736,249		656,669	
32 ..1920..acres....	562,468		704,708		696,119	
33 Increase or decrease (-), 1930-1940.....percent....	41.1		14.3		11.5	
34 Excess, capability of works over area irrigated..1940..acres....	382,578		101,441		177,951	
35 ..1930..acres....	171,024		249,601		129,636	
36 Proportion which area irrigated is of all lands in irrigated farms.....1939..percent....	17.1		20.4		7.5	
37 ..1929..percent....	32.3		15.7		10.5	
38 Proportion which area irrigated is of area works were capable of supplying with water.....1939..percent....	61.5		87.9		75.7	
39 ..1929..percent....	75.7		66.1		80.3	
CAPITAL INVESTED TO JANUARY 1						
40 Total investment in all enterprises.....1940..dollars....	39,056,207		16,906,790		32,735,997	
41 (a) Cost of irrigation works and equipment.....1940..dollars....	36,749,216		15,827,667		32,290,856	
42 (b) Investment in water rights (reported).....1940..dollars....	306,991		1,079,223		445,141	
43 Total investment in all enterprises.....1930..dollars....	21,396,319		15,457,931		19,834,380	
44 ..1920..dollars....	13,909,185		14,754,280		18,210,412	
45 Increase or decrease (-), 1930-1940.....percent....	82.6		9.4		65.0	
46 Average investment, based on area works were capable of supplying with water, per acre.....1940..dollars....	39.33		20.10		44.72	
47 ..1930..dollars....	30.39		21.00		30.20	
48 ..1920..dollars....	24.73		20.94		26.16	
49 Average investment per acre irrigated.....1939..dollars....	63.99		22.85		59.09	
50 Estimated final investment in existing enterprises..1940..dollars....	41,995,361		18,129,554		36,773,139	
51 ..1930..dollars....	21,465,772		18,489,603		21,942,450	
52 ..1920..dollars....	18,030,154		22,648,747		20,440,646	
53 Increase or decrease (-), 1930-1940.....percent....	95.6		-1.9		67.6	
54 Average investment, based on estimated final investment and irrigable area, per acre.....1940..dollars....	38.33		19.80		45.53	
55 ..1930..dollars....	28.13		18.80		29.60	
56 ..1920 ¹ ..dollars....	23.51		16.39		21.25	
MAINTENANCE AND OPERATION, CHARGES AND INDEBTEDNESS						
	Primary	Supplemental	Primary	Supplemental	Primary	Supplemental
57 Enterprises reporting maintenance and operation..1939..number....	2,367	262	1,327	10	2,018	49
58 Area irrigated in these enterprises.....1939..acres....	602,582	171,448	688,722	84,722	516,916	5,083
59 Cost of maintenance and operation.....1939..dollars....	639,682	119,770	293,859	38,705	1,082,768	10,142
60 Average cost, per acre irrigated.....1939..dollars....	1.39	0.70	0.43	0.46	2.09	2.00
61 ..1929..dollars....	1.54	0.91	0.81	0.86	2.15	2.00
62 Total annual charges (reported) ² 3.....1939..dollars....	674,403	96,342	304,084	87,619	966,767	.....
63 Average annual charge per acre irrigated.....1939..dollars....	1.40	0.63	1.51	1.04	2.47	.....
64 Area against which charges were assessed.....1939..acres....	521,282	153,282	218,138	102,049	483,407	.....
65 Average annual charge per acre assessed.....1939..dollars....	1.29	0.63	1.39	0.86	2.00	.....
66 Total charges collected ².....1939..dollars....	575,579	833	128,223	79,069	1,037,433	.....
67 Indebtedness to December 31 (reported) ³.....1939..dollars....	20,456,809	1,270,559	1,194,066	2,740,249	16,715,813	.....
WATER DELIVERED TO IRRIGATORS						
68 Enterprises reporting water delivered.....1939..number....	2,222	208	1,116	9	1,960	51
69 Area irrigated in these enterprises.....1939..acres....	573,110	171,519	627,502	84,622	474,184	5,097
70 Water delivered in these enterprises.....1939..acre-feet..	1,105,696	89,845	1,871,256	291,980	1,438,686	7,732
71 Average water delivered per acre irrigated.....1939..acre-feet..	1.9	0.5	3.0	3.5	3.0	1.5
72 Average cost of water per acre irrigated.....1939..dollars....	1.73	0.73	0.76	1.05	2.80	2.00
DRAINAGE OF IRRIGATED LAND						
73 Enterprises reporting land drained or needing drainage.....1939..number....	69	.....	36	.....	162	.....
74 Irrigable area in these enterprises.....1939..acres....	338,461	.....	244,984	.....	331,233	.....
75 Irrigated area in these enterprises.....1939..acres....	284,658	.....	180,044	.....	231,795	.....
76 Area for which drains have been installed.....1939..acres....	47,960	.....	97,576	.....	240,614	.....
77 Additional area needing drainage.....1939..acres....	10,305	.....	21,153	.....	8,732	.....

¹ Census of Agriculture.

² For 1920 relates to total area in enterprises. Irrigable area for that year was not reported.

CENSUS OF IRRIGATION—UNITED STATES SUMMARY

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1939, 1929, AND 1919; IRRIGABLE AREA AND CAPITAL INVESTED, 1940, 1930, AND 1920; MAINTENANCE 1940; WATER DELIVERED TO IRRIGATORS AND DRAINAGE OF IRRIGATED LAND, 1939—Continued

North Dakota	Oklahoma	Oregon	South Dakota	Texas	Utah	Washington	Wyoming		
73,962	179,687	61,829	72,454	419,002	25,411	61,666	15,018	1	
77,975	203,866	55,153	83,157	495,489	27,159	70,904	16,011	2	
479	275	16,159	967	19,568	22,612	17,426	8,637	3	
113	89	11,987	763	10,861	23,947	15,949	7,908	4	
323.9	177.8	41.9	26.7	80.2	-5.2	9.3	18.2	5	
309	205	13,345	586	12,181	19,583	14,069	6,427	6	
85	69	9,339	453	6,056	20,886	13,129	5,426	7	
170	70	2,814	381	7,387	3,029	3,357	2,210	8	
28	30	2,048	310	4,805	2,851	2,820	1,882	9	
37,936,136	34,803,317	17,988,307	39,473,684	137,683,372	7,302,007	15,181,815	28,025,979	10	
344,988	190,582	9,730,104	1,021,659	11,619,780	4,956,058	2,108,197	12,915,523	11	
720	693	540	1,057	684	219	121	1,495	12	
262,654	155,752	7,988,948	863,702	9,672,335	4,647,567	1,762,907	11,959,992	13	
850	760	697	1,474	794	237	345,280	1,861	14	
82,434	34,840	761,156	157,957	1,947,445	310,491	345,280	955,531	15	
485	498	270	415	264	103	103	432	16	
44,834,560	44,341,120	61,664,000	46,983,040	168,732,160	52,701,440	42,865,280	62,403,940	17	
21,615	4,160	1,049,176	60,198	1,045,224	1,176,116	615,013	1,486,498	18	
21,507	3,603	790,925	50,424	961,765	980,881	520,424	1,193,997	19	
12	148	13,781	2,286	12,589	38,487	6,113	16,550	20	
96	409	244,470	7,488	70,870	156,748	88,476	275,951	21	
9,392	1,673	898,713	67,107	798,917	1,324,125	499,283	1,236,155	22	
12,072	2,999	986,162	100,662	586,120	1,371,651	529,999	1,207,962	23	
130.1	164.5	16.7	-10.3	30.8	-11.2	23.2	20.3	24	
39,558	13,494	1,441,417	123,961	2,180,796	1,432,533	837,096	2,277,046	25	
24,860	7,344	1,478,128	122,510	1,566,876	1,739,869	915,379	1,958,147	26	
57,476	11,742	1,925,987	188,382	1,687,447	2,359,244	836,795	2,564,668	27	
17,943	9,394	392,241	63,763	1,135,572	256,417	222,083	790,548	28	
15,468	5,771	579,415	55,403	787,959	415,744	416,096	721,992	29	
36,522	8,624	1,261,081	121,847	1,773,812	1,357,714	731,527	1,913,527	30	
24,006	7,331	1,156,210	109,550	1,177,415	1,542,475	631,511	1,655,008	31	
34,235	9,872	1,344,046	150,914	1,150,542	1,700,550	637,151	1,831,039	32	
52.1	17.6	8.9	11.2	50.7	-12.0	15.8	15.6	33	
14,907	4,464	211,905	61,649	728,588	181,998	116,514	427,029	34	
14,614	5,758	259,497	42,443	378,498	218,350	132,228	418,853	35	
6.3	2.2	12.0	5.9	9.0	23.7	29.2	11.5	36	
16.6	2.7	14.2	17.7	42.1	32.0	26.0	12.4	37	
59.2	48.2	83.2	49.4	58.9	86.6	84.1	77.7	38	
39.1	21.5	77.6	61.3	67.9	85.8	79.1	74.7	39	
1,755,489	272,186	50,961,251	5,395,610	66,441,376	41,896,532	56,415,196	41,522,801	40	
1,752,962	269,618	50,999,668	5,383,865	66,884,261	39,590,175	55,678,678	41,057,813	41	
2,627	2,568	561,583	11,745	557,115	2,306,357	736,518	464,988	42	
1,267,314	160,099	39,754,548	4,502,117	49,022,164	35,669,819	40,561,895	35,153,187	43	
1,857,118	151,325	28,929,151	5,465,248	35,072,739	32,037,351	29,299,011	34,326,328	44	
38.5	70.0	31.5	19.8	35.5	17.5	39.1	18.1	45	
48.07	31.56	40.41	44.28	37.46	30.86	77.12	21.70	46	
52.79	21.94	33.46	41.10	41.64	23.13	64.23	21.24	47	
54.25	15.65	21.52	36.21	30.48	18.84	45.98	18.75	48	
81.22	65.43	48.67	89.63	63.67	35.62	91.73	27.93	49	
1,785,539	299,486	53,884,430	5,432,934	67,319,032	43,380,966	58,141,097	48,539,663	50	
1,343,911	167,909	60,039,939	5,174,410	59,555,624	37,857,011	53,232,477	41,970,416	51	
2,072,786	162,775	41,585,742	5,500,748	39,860,871	33,835,641	37,684,591	51,500,288	52	
32.9	78.4	10.8	5.0	13.8	14.6	9.2	15.7	53	
45.14	22.19	37.38	43.83	30.87	30.28	69.46	21.32	54	
64.06	22.86	40.62	42.24	36.01	21.76	58.15	21.43	55	
36.06	13.66	21.59	29.20	23.62	14.34	45.03	20.08	56	
		Primary Sup.		Primary Sup.		Primary Sup.		Primary Sup.	
		Enterprises		Enterprises		Enterprises		Enterprises	
73	107	5,192 86	184	3,299 18	1,870 124	3,745 125	2,977 62	57	
21,290	3,889	982,940 97,643	56,426	1,002,202 51,197	1,144,100 322,055	602,414 22,296	1,421,852 93,014	58	
30,072	12,973	1,157,018 71,049	71,988	3,855,224 32,666	881,814 84,981	1,673,992 11,314	807,345 31,923	59	
1.41	3.35	1.18 0.73	1.28	3.86 0.64	0.77 0.26	2.78 0.51	0.57 0.34	60	
1.97	7.02	1.41 0.73	1.33	4.74 0.64	1.00 0.26	4.14 0.51	0.84 0.34	61	
18,909	530	921,724 72,521	131,490	3,855,789 230,915	1,079,113 142,478	1,542,453 3,129	631,343 31,368	62	
0.99	0.74	1.77 0.76	2.68	5.61 4.69	1.02 0.45	3.04 1.81	0.87 0.38	63	
23,426	719	587,585 98,976	73,040	1,087,092 165,650	1,128,306 360,500	573,094 8,940	852,728 82,504	64	
0.61	0.74	1.57 0.73	1.80	3.56 1.39	0.96 0.40	2.69 0.35	0.74 0.38	65	
14,749	.....	920,593 8,987	83,883	3,671,948 58,500	1,106,871 207,916	1,062,485 25,670	447,354 24,806	66
1,337,848	15,890	13,560,102 709,666	4,600,023	34,689,264 1,342,124	4,329,234 9,437,183	21,764,676 856,928	15,770,071 929,414	67	
74	105	5,354 73	170	3,610 17	1,874 135	3,851 131	3,006 55	68	
21,302	3,974	925,920 80,999	52,345	1,017,411 22,807	1,049,965 258,047	590,627 184,534	1,360,506 67,746	69	
39,309	5,671	3,020,606 176,182	58,797	2,404,098 32,212	2,654,225 278,665	2,548,581 704,152	2,833,092 56,521	70	
1.8	1.4	3.8 2.2	1.1	2.4 1.4	2.5 1.1	4.3 3.8	2.1 0.8	71	
1.27	3.34	1.35 0.94	2.72	4.85 1.39	1.03 0.50	3.35 0.75	0.66 0.48	72	
9	11	275 	16	99 	204 	210 	150 	73	
26,826	898	338,991 	74,840	857,141 	324,771 	448,702 	843,642 	74	
15,277	342	265,771 	36,072	397,227 	283,314 	300,362 	456,760 	75	
11,552	429	126,698 	25,906	553,850 	90,837 	178,212 	175,394 	76	
242	106	18,786 	5,809	106,897 	28,418 	18,673 	44,997 	77	

² Annual charges may include costs of maintenance and operation, and assessments for payments on principal and interest on bonds, notes, warrants, and for special reasons.
³ Annual charges and indebtedness were reported only by enterprises serving 5 or more units, and items 62 to 67, inclusive, relate to those enterprises only.