

CENSUS OF DRAINAGE—UNITED STATES SUMMARY

TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE ¹	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	Percent	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Dollars	Percent
All enterprises.....	86,967,039	100.0	84,408,093	100.0	65,485,038	100.0	691,724,519	100.0	680,250,255	100.0	372,273,567	100.0
Gravity drainage only by—												
Open ditches.....	63,255,581	72.8	60,234,328	71.4	63,602,475	97.1	373,435,534	54.0	373,316,473	54.8	306,443,303	82.3
Tile drains.....	7,075,713	8.1	8,325,453	9.9			77,997,787	11.3	70,297,640	10.4		
Open ditches and tile drains..	12,268,650	14.1	12,205,817	14.4			117,246,453	16.9	129,671,338	19.1		
All drained by pumping by—												
Open ditches.....	1,130,343	1.3	1,608,433	1.9	781,441	1.2	62,939,719	9.1	79,894,531	11.7	32,020,807	8.6
Tile drains.....	6,583	(²)					332,280	0.1				
Open ditches and tile drains..	374,003	0.4					17,393,924	2.5				
Part only by pumping by—												
Open ditches.....	1,446,816	1.7	2,034,062	2.4	1,111,122	1.7	32,619,824	4.7	27,070,273	4.0	33,809,457	9.1
Tile drains.....	10,348	(²)					176,279	(²)				
Open ditches and tile drains..	1,399,002	1.6					9,582,719	1.4				
Total area served by pumps.....	2,316,867	2.7	2,174,803	2.6	³ 1,414,010	2.2	.....	.....	.....	.....	.....	.....

¹ Each item includes those enterprises that have provided levees in addition to the kind of drains specified.² Less than one-tenth of 1 percent.³ Revised.

TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940, 1930, AND 1920

KIND OF POWER	Enterprises	CAPACITY			Land served
		Engine or motor		Pump	
		Number	Hp.	Percent		G. p. m.	Acres
All pumping enterprises.....	1940.. 353	102,196	100.0	20,716,025	2,316,867
	1930.. 292	99,747	100.0	17,854,824	2,174,803
	¹ 1920.. 210	64,389	100.0	15,229,166	1,414,010
Steam.....	1940.. 13	3,180	3.1	658,050	70,316
	1930.. 22	9,730	9.8	3,002,000	227,022
	1920.. 63	17,376	27.0	7,126,448	497,106
Electric.....	1940.. 219	58,917	57.6	8,647,342	1,487,638
	1930.. 170	64,033	64.2	8,368,505	1,380,489
	1920.. 90	36,472	56.6	5,733,756	706,794
Internal combustion.....	1940.. 92	26,464	25.9	8,186,133	504,219
	1930.. 73	13,118	13.2	4,024,969	347,207
	¹ 1920.. 37	3,916	6.1	1,125,182	120,627
Steam and electric.....	1940.. 8	5,125	5.0	878,900	82,216
	1930.. 9	5,900	5.9	919,800	82,091
	1920.. 11	5,485	8.5	974,200	67,466
Steam and internal combustion.....	1940.. 3	1,030	1.0	169,500	11,779
	1930.. 6	4,030	4.0	1,113,000	52,764
	1920.. 3	250	0.4	80,100	6,700
Electric and internal combustion.....	1940.. 15	4,464	4.4	823,200	134,419
	1930.. 12	2,936	2.9	426,750	85,230
	1920.. 5	890	1.4	189,500	14,723
Other.....	1940.. 3	3,016	3.0	1,350,900	26,280
	1930.. ..	.....	.....	.....	.....
	1920.. 1	.....	.....	.....	594

¹ Revised.

TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP	Number	PUMPS		Engine or motor capacity	Land served
		Capacity			
		G. p. m.	Percent			Hp.	Acres
All pumping enterprises.....	1,284	20,716,025	100.0	102,196	2,316,867
	1,028	17,854,824	100.0	99,747	2,174,803
Centrifugal.....	437	11,033,493	53.3	56,807	1,036,134
	552	13,456,224	75.4	73,337	1,655,717
Rotary.....	8	76,900	0.4	430	14,303
	36	949,800	5.3	3,616	82,727
Screw.....	125	3,537,750	17.1	13,732	311,096
	29	1,482,600	8.3	4,265	163,357
Turbine.....	393	616,550	3.0	8,087	464,336
	157	165,800	0.9	3,125	89,820
Centrifugal and—					
Rotary.....	5	91,500	0.4	490	4,189
	7	520,000	2.9	815	15,500
Screw.....	158	4,636,385	22.4	16,812	266,076
	19	839,400	4.7	3,473	59,570
Turbine.....	100	322,447	1.5	2,787	103,444
	56	60,000	0.4	650	28,112
Other.....	58	401,000	1.9	3,051	117,289
	172	380,000	2.1	10,264	80,000