

CENSUS OF DRAINAGE—UNITED STATES SUMMARY

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TABLE 1.—SUMMARY OF DRAINAGE FOR THE UNITED STATES: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
	1940	1930	1920	1930-1940		1920-1930	
				Amount	Percent	Amount	Percent
Approximate land area of 38 States reporting organized drainage enterprises ¹acres.....	1,785,118,720	1,743,689,840	1,717,932,160	² 40,283,520	2.3	25,767,680	1.5
Land in drainage enterprises.....acres.....	86,967,039	84,408,093	65,495,038	2,558,946	3.0	18,913,055	28.9
Improved.....acres.....	67,389,440	63,514,061	44,288,235	3,875,359	6.1	19,225,846	43.4
Unimproved:							
Timber and cut-over.....acres.....	11,042,630	11,310,402	11,283,536	-267,772	-2.4	26,866	0.2
Other.....acres.....	8,534,969	9,583,610	9,923,257	-1,048,641	-10.9	-339,657	-3.4
Drainage sufficient for normal crop.....acres.....	75,004,277	66,234,390	(3)	8,769,887	13.2		
Partly drained, for partial crop.....acres.....	4,828,819	10,777,625	(3)	-5,948,806	-55.2		
Unfit to raise any crop for lack of drainage.....acres.....	7,133,943	7,396,078	⁴ 7,224,213	-282,135	-3.5	171,865	2.4
In occupied farms.....acres.....	70,068,469	68,640,109	(3)	1,428,360	2.1		
In planted crops.....acres.....	49,613,573	54,427,577	(3)	-4,814,004	-8.8		
Idle.....acres.....	18,836,290	20,003,315	(3)	-1,167,025	-5.8		
Available for settlement.....acres.....	4,569,205	7,987,171	(3)	-3,417,966	-42.8		
Open ditches, completed.....miles.....	146,152.3	138,673.0	107,468.2	7,479.3	5.4	31,204.8	29.0
Tile drains, completed.....miles.....	55,734.0	55,031.9	42,311.7	702.1	1.3	12,720.2	30.1
Drainage pumping plants, capacity.....horsepower.....	102,196	99,747	⁵ 64,389	2,344	2.3	35,358	54.9
.....gal. per min..	20,716,025	17,854,824	⁵ 15,229,166	2,845,401	15.9	2,625,658	17.2
Capital invested in enterprises.....dollars.....	691,724,519	⁶ 680,250,255	372,273,567	11,474,264	1.7	307,976,688	82.7
Average per acre.....dollars.....	7.95	8.05	5.68	-0.11	-1.4	2.38	41.9

¹ The 38 States which reported organized drainage enterprises in 1940: Alabama, Arizona, Arkansas, California, Colorado, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Mexico, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, South Carolina, South Dakota, Tennessee, Texas, Utah, Virginia, Washington, Wisconsin, and Wyoming. All of these States were included in the drainage census of 1930, except Alabama, Delaware, and Maryland; and all were included in the drainage census of 1920, except Alabama, Delaware, Maryland, and Virginia.

² Including States added to scope of drainage census and revision of State land areas.

³ Not available.

⁴ Reported as "Swampy, subject to overflow, seeped or alkali."

⁵ Revised.

TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES ¹			Land in enterprises 1940 ²
	1940	1930	1920	
	Acres	Acres	Acres	
All enterprises.....	132,828,451	128,495,078	95,629,291	86,967,039
Less than 100 acres.....	525,455	324,157	1,152,025	242,639
100 to 199 acres.....	1,446,870	1,040,564	1,152,025	696,662
200 to 499 acres.....	7,093,485	5,984,023	5,222,615	3,439,442
500 to 999 acres.....	11,234,727	11,130,096	9,091,516	5,899,150
1,000 to 1,999 acres.....	14,558,019	34,074,009	29,522,536	8,221,932
2,000 to 4,999 acres.....	20,511,078	15,865,002	13,357,936	12,728,433
5,000 to 9,999 acres.....	16,387,515	15,865,002	13,357,936	10,722,187
10,000 to 19,999 acres.....	16,964,180	35,075,951	23,826,149	11,506,321
20,000 to 49,999 acres.....	20,141,844	11,403,982	8,605,536	14,573,972
50,000 to 99,999 acres.....	10,760,472	4,850,978	4,493,168	8,026,817
100,000 to 199,999 acres.....	5,925,431	3,378,199	4,493,168
200,000 to 499,999 acres.....	3,155,493	2,860,641
500,000 acres and over.....	4,123,862	3,555,675

¹ The sum of the areas in the individual enterprises, without deduction for overlapping.

² Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises.....	86,967,039	100.0	691,724,519	100.0
Drainage districts.....	34,811,053	40.0	373,358,517	54.0
County drains.....	46,040,391	52.9	276,101,410	39.9
Township drains.....	232,862	0.3	768,129	0.1
State projects.....	621,109	0.7	1,344,680	0.2
Irrigation enterprises:				
Federal.....	1,955,481	2.2	19,254,857	2.8
Other.....	2,285,097	2.6	11,625,594	1.7
Commercial developments:				
Incorporated.....	60,788	0.1	720,611	0.1
Unincorporated.....	12,188	(1)	30,300	(1)
Individually owned projects.....	912,070	1.0	8,417,821	1.2
Other, or not reported.....	36,000	0.1	102,600	(1)

¹ Less than one-tenth of 1 percent.