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**IRRIGATION OF
AGRICULTURAL LANDS**

THE UNITED STATES

Prepared under the supervision of

Ray Hurley, Chief

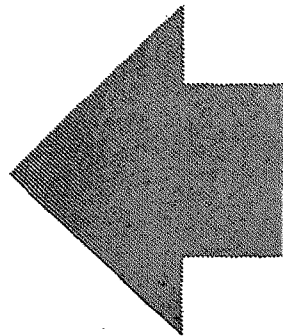
Agriculture Division

VOLUME III

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PREFACE

Volume III, Irrigation of Agricultural Lands, is one of four principal reports presenting the results of the 1950 Censuses of Agriculture, Irrigation, and Drainage. This volume, in 18 parts, presents the compilation of information obtained by Census enumerators from operators of irrigation enterprises in 1950.

The 1950 Census of Irrigation was taken in conformity with the act providing for the fifteenth and subsequent decennial censuses, approved June 18, 1929, as amended.

The collection of data was carried out by Census enumerators and irrigation technicians under the direction of supervisors appointed by the Director of the Census and working under the direction of Lowell T. Galt, Chief, Field Division. The planning of the census and the compilation of the statistics were performed under the supervision of Halbert E. Selby, Chief, Irrigation Statistics, under the general supervision of Ray Hurley, Chief, Agriculture Division, and Warder B. Jenkins, Assistant Chief. Dov B. Krimgold, Gladys W. Golze, Constance B. Schulz, Walter W. Posey, Orville M. Slye, Gladys L. Eagle, and Henry A. Tucker assisted in the compilation of the statistics, and preparation of this report. The mechanical tabulation, by electrical machines, was made under the supervision of C. F. Van Aken. The maps were prepared under the supervision of Clarence E. Batschelet, Geographer.

Acknowledgment is made of the cooperation of the Bureau of Agricultural Economics, the Soil Conservation Service, and the Bureau of Plant Industry, Soils, and Agricultural Engineering of the United States Department of Agriculture, and the Bureau of Reclamation, the Geological Survey, and the Bureau of Indian Affairs of the United States Department of the Interior, in the planning and compilation of the 1950 Census of Irrigation; and of the loan of technical personnel by the Soil Conservation Service to assist in the enumeration of irrigation enterprises. Valuable assistance was given by Paul A. Ewing, J. Howard Maughn, John S. James, and Wells A. Hutchins of the Soil Conservation Service, and by numerous other individuals in both Federal and State agencies.

December 1952.

UNITED STATES CENSUS OF AGRICULTURE: 1950

REPORTS

Volume I.—Counties and State Economic Areas.—Statistics for counties include number of farms, acreage, value, and farm operators; farms by size, by color and tenure of operator; facilities and equipment, farm labor, and farm expenditures; livestock and livestock products; specified crops harvested; farms and farm characteristics for commercial farms; farms classified by value of farm products sold, by type of farm, and by economic class; and value of products sold by source.

Data for State economic areas include farms and farm characteristics by size of farm, by tenure of operator, by type of farm, and by economic class.

Volume I will be published in 34 parts as follows:

Part	State or States	Part	State or States
1	New England States: Maine. New Hampshire. Vermont. Massachusetts. Rhode Island. Connecticut.	15	South Atlantic—Continued Virginia and West Virginia.
2	Middle Atlantic States: New York. New Jersey. Pennsylvania.	16	North Carolina and South Carolina.
3	East North Central: Ohio.	17	Georgia.
4	Indiana.	18	Florida.
5	Illinois.		East South Central:
6	Michigan.	19	Kentucky.
7	Wisconsin.	20	Tennessee.
8	West North Central: Minnesota.	21	Alabama.
9	Iowa.	22	Mississippi.
10	Missouri.		West South Central:
11	North Dakota and South Dakota.	23	Arkansas.
12	Nebraska.	24	Louisiana.
13	Kansas.	25	Oklahoma.
14	South Atlantic: Delaware, Maryland, District of Columbia.	26	Texas.
			Mountain:
		27	Montana.
		28	Idaho.
		29	Wyoming and Colorado.
		30	New Mexico and Arizona.
		31	Utah and Nevada.
			Pacific:
		32	Washington and Oregon.
		33	California.
		34	Territories and possessions.

Volume II.—General Report.—Statistics by Subjects, United States Census of Agriculture, 1950. Summary data and analyses of the data for States, for Geographic Divisions, and for the United States by subjects as illustrated by the chapter titles listed below:

Chapter	Title	Chapter	Title
I	Farms and Land in Farms.	VII	Field Crops and Vegetables.
II	Age, Residence, Years on Farm, Work off Farm.	VIII	Fruits and Nuts, Horticultural Specialties, Forest Products.
III	Farm Facilities, Roads, Trading Center, Farm Equipment.	IX	Value of Farm Products.
IV	Farm Labor and Farm Expenditures.	X	Size of Farm.
V	Farm Taxes and Cash Rent.	XI	Color, Race, and Tenure of Farm Operator.
VI	Livestock and Livestock Products.	XII	Economic Class of Farm.
		XIII	Type of Farm.

Volume III.—Irrigation of Agricultural Lands.—State reports with data for counties and drainage basins and a summary for the United States, including number of enterprises, irrigation works and equipment, source of water, new capital investment since 1940, cost of irrigation water, number of farms and acreage irrigated, and quantity of water used for irrigation purposes.

The State reports will be issued as separate parts of Volume III as follows:

Part	State	Part	State
1	Arizona.	10	Nebraska.
-2	Arkansas and Oklahoma.	11	Nevada.
3	California.	12	New Mexico.
4	Colorado.	13	North Dakota and South Dakota.
5	Florida.	14	Oregon.
6	Idaho.	15	Texas.
7	Kansas.	16	Utah.
8	Louisiana.	17	Washington.
9	Montana.	18	Wyoming.

Volume IV.—Drainage of Agricultural Lands.—State reports with statistics for counties and a summary for the United States. One part only. Data on land in drainage enterprises, number and types of enterprises, cost of drainage, indebtedness, assessments, and drainage works.

IRRIGATION OF AGRICULTURAL LANDS

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Part 2.....	25	26	49	50	52	29	39	32	26	46	40	40	27	36	18	42	39	69	40	35	38	38
Part 3.....	28	28	50	58	60	30	44	34	28	52	42	32	32	40	19	43	45	66	46	40	44	44
Part 4.....	31	30	(*)	66	68	31	49	36	36	58	58	44	37	44	20	44	51	70	52	45	45	50

* Omitted because of small number of reports.