U.S. CENSUS OF AGRICULTURE : 1959
Final Report—Vol. V—Part 2—Special Reports

SOURCE OF WATER
METHOD OF APPLICATION
TYPE OF POWER • ACRES IRRIGATED
FREQUENCY OF APPLICATION

Irrigation in Humid Areas

SPECIAL REPORTS

Prepared under the supervision of
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PREFACE

Volume V, Part 2, "1960 Survey of Irrigation in Humid Areas" presents the results of the special 1960 survey conducted for the farmers in 30 eastern States who reported irrigation in the 1959 Census of Agriculture. Most of the information was collected by mail although a few reports were obtained by telephone and personal enumeration.

The 1960 Survey of Irrigation was taken in conformity with the Act of Congress of August 31, 1954 (amended August 1957), which codified Title 13, United States Code.

The planning, compilation of statistics, and the preparation of this report were under the supervision of Ray Hurley, Chief, Agriculture Division, assisted by Henry L. DeGraff, Irrigation Economist. The text was written by Warder B. Jenkins, Assistant Chief. Assistance in the compilation and publication of the statistics was given by Orvin L. Wilhite, Assistant Chief; Lois G. Miller; Bennie L. Sharp; and Helen D. Turner. The field followup enumeration was conducted under the supervision of Jefferson D. McPike, Chief, Field Division. The maps were prepared under the supervision of William T. Fay, Chief, Geography Division.

December 1961

UNITED STATES CENSUS OF AGRICULTURE: 1959

FINAL REPORTS

Volume I—Counties—A separate part for each State. Statistics on number of farms; farm characteristics; acreage in farms; cropland and other uses of land; land-use practices; irrigation; farm facilities and equipment; farm labor; farm expenditures; use of commercial fertilizer; number and kind of livestock; acres and production of crops; value of farm products; characteristics of commercial farms, farms classified by tenure, by size, type, and economic class; and comparative data from the 1954 Census of Agriculture.

Volume I is published in 54 parts as follows:

Part	State or States	Part	State or States	Part	State or States
	New England States:		West North Central—Continued		Mountain:
1	Maine.	19	South Dakota.	38	Montana.
2	New Hampshire.	20	Nebraska.	39	Idaho.
3	Vermont.	21	Kansas.	40	Wyoming.
4	Massachusetts.		South Atlantic:	41	Colorado.
5	Rhode Island.	22	Delaware.	42	New Mexico.
6	Connecticut.	23	Maryland.	43	Arizona.
	Middle Atlantic States:	24	Virginia.	44	Utah.
7	New York.	25	West Virginia.	45	Nevada.
8	New Jersey.	26	North Carolina.		Pacific:
9	Pennsylvania.	27	South Carolina.	46	Washington.
	East North Central:	28	Georgia.	47	Oregon.
10	Ohio.	29	Florida.	48	California.
11	Indiana.		East South Central:	49	Alaska.
12	Illinois.	30	Kentucky.	50	Hawaii
13	Michigan.	31	Tennessee.		Other Areas:
14	Wisconsin.	32	Alabama.	51	American Samoa.
	West North Central:	33	Mississippi.	52	Guam.
15	Minnesota.		West South Central:	53	Puerto Rico.
16	Iowa.	34	Arkansas.	54	Virgin Islands.
17	Missouri.	35	Louisiana.		
18	North Dakota.	36	Oklahoma.		
		37	Texas.		

Volume II—General Report.—Statistics by Subjects, United States Census of Agriculture, 1959. Summary data and analyses of the data by 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, Farm Equipment.	IX	Value of Farm Products.
IV	Farm Labor, Use of Fertilizer, Farm Expenditures, and Cash Rent.	X	Color, Race, and Tenure of Farm Operator.
V	Size of Farm.	XI	Economic Class of Farm.
VI	Livestock and Livestock Products.	XII	Type of Farm.

Volume III—Irrigation of Agricultural Lands. Western States (Dry Areas)—Data by States for drainage basins and a summary for the area, including number and types of irrigation organizations, source of water, expenditures for works and equipment since 1950, water used and acres served for irrigation purposes.

Volume IV—Drainage of Agricultural Lands. Data by States on land in drainage organizations, number and types of organizations, cost of drainage and drainage works.

Volume V—Special Reports, Part 1.—Horticultural Specialties. Statistics by States and a summary for the United States presenting number and kinds of operations; gross receipts and/or gross sales; sales of nursery products, flower seed, vegetables grown under glass, and propagated mushrooms; number of container-grown plants; inventory products; sales of bulb crops; employment; structures and equipment.

Titles of additional parts of this volume are not available as this report goes to press.

IRRIGATION IN HUMID AREAS

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INTRODUCTION

INTRODUCTION

IRRIGATION IN HUMID AREAS

Introduction.—Irrigation of agricultural lands is usually associated with a practice widely used in crop production in the Western States. In that broad geographic area, more than one-half of the farms use water for irrigation and more than one-half of the cropland receives some water in excess of natural precipitation. However, in the other States, the precipitation is not always dependable either in total amount or in distribution during the growing season. In parts of the Great Plains, crops are produced under relatively high-risk weather conditions. Even when summer fallow is practiced, yields are often low or there may be total failure. In these States, the irrigated area has been increasing rapidly during recent years and the supplemental water obtained largely from underground aquifers or from recently built aboveground storage reservoirs. In the States east of the Great Plains, irrigation has become a more widely accepted practice, particularly in the production of high-income-per-acre crops or of other crops where water can be applied at a cost that is below expected gains in income.

Since interest in irrigation statistics is no longer confined to developments in western areas, the collection of some information in regard to supplemental water use by farmers on a nationwide basis has been undertaken in connection with the two most recent censuses of agriculture. The legislation which provides for Census collection of agricultural statistics specifies that a census of irrigation shall be taken at 10-year intervals in conjunction with the census of agriculture. Some of the data regarding irrigation have been collected for the decennial census from irrigation organizations and some from farm operators. Outside of the Western States, irrigation organizations do not have an important role in providing water for irrigation purposes and, therefore, in other than Western States all of the data regarding irrigation must be secured from farm operators.

Increased and fuller mechanization of agriculture has enabled farmers to enlarge their landholdings. Commercial farm producers may attain higher total output not only through the use of more land but also by adding increments of other inputs. The installation of a new farming practice such as irrigation, or the use of more fertilizer, can have the same effect on agricultural output of an individual producer as an enlargement in the area of the land he operates.

There are other variables which influence the rate of acceptance and adoption of irrigation. The variability in the rainfall pattern within a given area, as between years or even within the growing season, may determine the number of farmers irrigating in one year as compared with another. Crops such as rice, cranberries, and greenhouse products almost universally require supplemental supplies of water for their production. The detrimental effect of drought periods of uncertain frequency, duration, and time of occurrence has caused other crop and livestock producers to look upon irrigation as a form of production insurance even in humid areas. Under farm programs associated with acreage reduction, many producers strive for higher yields per acre. When acreage is restricted, a likely way a farmer may increase his return is by increasing yields per acre. Increased applications of fertilizer and more dense planting of crops usually make irrigation more profitable. Often the quality of a crop can be improved by irrigation which, with an increase in yield, may provide sufficient additional income to more than match the added cost of applying water. Irrigation provides other benefits also. Within certain ranges of temperature, spray irrigation can be and is used to prevent frost damage. Irrigation water can be utilized for fertilizer distribution. The introduction of lightweight portable pipe has hastened the adoption of irrigation through lowered costs of system installation and of its annual maintenance and operation. Sprinkler irrigation has several advantages. Land leveling is not necessary. Also, if because of crop rotation or other farming practices the crop selected to receive an additional supply of water is grown in a different field from year to year, the use of movable pipe eliminates the need for and the cost of maintenance of supply ditches.

Farm ponds and larger areas of impoundments, whether constructed by individuals or by joint action of several individuals; stream flows; and wells have been increasingly utilized for growing truck and vegetable crops and for berry and tree fruit production. Pastures, particularly for dairy herds, have received applications of supplemental supplies of water. By irrigation, pasture-carrying capacity is increased, thereby, through both the extension of the grazing period and the production of more forage throughout the grazing period. Tobacco, cotton, corn, and soybeans are among the important field crops that have been irrigated.

The use of water for irrigation places agriculture in competition with the growing needs of the human population and of industry for existing water supplies. Policy decisions in respect to the use of water for irrigation and related subjects such as water rights, water storage, flood prevention, drainage, recreational activities, and water pollution are currently under review by States and communities concerned with the supplies of and projected needs for water. The recent surveys of irrigation in humid areas not only provide information as to new production methods in agriculture but meet some of the needs for data as to current developments in water use as well as to a limited extent in water storage.

Scope of This Report.—Volume III of the 1959 Census of Agriculture Reports presents statistics regarding the irrigation of lands used for agriculture in 18 Western States and Hawaii. This part 2, volume V, presents all the data that will be published from a special survey conducted in the fall of 1960 covering the irrigation of farmlands in the more easterly States of the United States. The 30 States in this survey include all States from Minnesota southward to the Gulf of Mexico, with the exception of Louisiana, and eastward of that tier of States. For this report this group of 30 States has been termed the "humid areas." Volume III, the complement of this report, presents irrigation statistics for Louisiana and for those States which are westward of the humid areas, and Hawaii but excluding Alaska. For brevity, reference is sometimes made herein to the group of 18 Western States as the "Irrigation States."

A listing of the names of all irrigators of farmlands was obtained from the agricultural questionnaire filled for all farms in the fall of 1959. The survey statistics, while they relate to 1960, are confined to the lands operated by farm operators re-

porting land irrigated in 1959, or their successors. Through the inclusion in the 1960 survey of all 1959 farm operators reporting irrigation, and only those, a limited amount of data is available for the farms with irrigation in 1959 but not in 1960. (Data for that group of farms are given in State Table 1.) No effort was made to identify, nor to secure information for any farm with irrigated land in 1960 but with no irrigated land reported for the 1959 Census of Agriculture. Because of the variation in rainfall, it cannot be stated with certainty whether the number of farms with irrigated land in 1959, but without irrigated land in 1960, would equal the number with irrigated land in 1960, but not in 1959. Eight maps are presented to show the relationship of rainfall in June, July, August, and September for the years 1959 and 1960 to the average rainfall over a span of years for the critical months in crop growth.

Following the 1954 Census of Agriculture, a similar survey of irrigation of farmlands was conducted, at the close of 1955, in 28 eastern States. For comparative purposes, some of the data collected in that survey are presented in this report.

Totals are presented in this part of volume V for States and selected counties.

Volumes I and II of the 1959 Census of Agriculture Reports present for both counties and States additional data on irrigation from the general enumeration of all farms.

Legal Basis for Survey of Irrigation in Humid Areas.—The 1960 Survey of Irrigation in Humid Areas was authorized by an Act of Congress. "Title 13, United States Code—Census," codified in August 1954, and amended in August 1957 and September 1960, is now the legal basis for censuses of agriculture and other censuses and surveys conducted by the Bureau of the Census. Section 142 paragraph (b), made provision for a census of irrigation and paragraph 181 made provision for the survey. These sections read in part as follows:

"142. Agriculture, irrigation, and drainage.

a. The Secretary shall, beginning in the month of October 1959, and in the same month of every fifth year thereafter, take a census of agriculture, provided that the censuses directed to be taken in October 1959 and each tenth year thereafter, may, when and where deemed advisable by the Secretary, be taken instead in conjunction with the censuses provided in section 141 of this title.

b. The Secretary shall, in conjunction with the census of agriculture directed to be taken in October 1959 and each tenth year thereafter, take a census of irrigation and drainage.

181. Surveys.

The Secretary may make surveys deemed necessary to furnish annual and other interim current data on the subjects covered by the censuses provided for in this title."

History of Census Enumeration of Irrigation.—One or more inquiries relating to irrigation of farm and ranch lands have been included in each successive census of agriculture since 1890, with one exception, viz, 1925. These inquiries were directed to the farm operator. Data from the inquiries carried in censuses of agriculture are shown herein for only the last two censuses. A special survey of irrigation in humid-area States was made in the year following both the 1954 and 1959 Censuses of Agriculture.

Beginning in 1910, a special decennial census of irrigation has been taken in the States in which irrigation was most extensively practiced. The States included in the Irrigation Censuses in 1910, 1920, and 1930, were the 17 Western States, Arkansas, and Louisiana. Florida was included in 1940 and 1950. The 17 Western States, Louisiana, and Hawaii were included in the 1959 Census of Irrigation. In these decennial censuses of irrigation, the inquiries were directed to irrigation organizations. Some comparative historical statistics are given from the irrigation censuses in volume III of the reports of the 1959 Census of Agriculture.

A joint resolution of Congress, approved June 30, 1902, provided for the collection of data on irrigation for the crop year 1902. Questionnaires were mailed to all the irrigators reported in the 1900 Census of Agriculture and to the officials of important irrigation canal companies. The data obtained were tabulated by drainage basins in order, so it was reported, that a better knowledge may be had of the extent to which the waters in each drainage basin were being used. (See Census Bulletin 16 "Irrigation in the United States: 1902," published in 1904.)

ENUMERATION FORMS AND PROCEDURES

Questionnaires.—The data in respect to irrigation, obtained directly from farm operators, have been compiled from the agriculture questionnaires for the censuses of agriculture when all farms are visited and from a subsequent special questionnaire required for farm operators reporting irrigation in the general census of agriculture. Data collected from irrigation organizations have been obtained, largely, by special enumerators independently of the general census of agriculture.

A facsimile of the survey questionnaire, designated "I-20, 1960 Survey of Irrigation in Humid Areas" appears in the appendix. Since the 1960 and 1955 surveys were to be conducted by mail, the number of questions was necessarily limited to key items relating to irrigation in the humid areas. The experience and procedures used for the 1955 Survey of Irrigation in Humid Areas influenced greatly the preparation of the questionnaire for the 1960 Survey. Some items which had been included in the 1955 Survey were eliminated from the 1960 Survey and other items were added. Data on the cost of irrigation systems included in the 1955 Survey, but for which many farm operators could not furnish information, were omitted from the 1960 Survey. On the other hand, additional information relating to sources of water, the area irrigated by each method of water application, and the number of acres of and the number of times specified crops were irrigated was obtained to provide a basis for estimating the quantity of water used for irrigation.

Two special committees were consulted in the preparation for the 1960 Survey of Irrigation in Humid Areas. Both committees were given the opportunity to review the general plan as to how the survey was to be conducted, and the proposed inquiries. One committee, a Special Federal Agency Committee, for the 1959 Censuses of Irrigation and Drainage, comprised representatives of the following agencies: Agricultural Conservation Program Service, Agricultural Research Service, Rural Electrification Administration, and Soil Conservation Service of the U.S. Department of Agriculture; Bureau of Indian Affairs and Bureau of Reclamation of the U.S. Department of the Interior; and the Bureau of the Census. The second committee, the Special Advisory Committee for the 1959 Census of Agriculture, reviewed the later stages of the planning. This committee consisted of one representative from each of the following: Agricultural Publishers Association, American Association of Land Grant Colleges and State Universities, American Farm Bureau Federation, American Farm Economic Association, American Statistical Association, Farm Equipment Institute, National Association of Commissioners, Secretaries, and Directors of Agriculture, National Council of Farmer Cooperatives, National Farmers' Union, National Grange, Rural Sociological Society, and the U.S. Department of Agriculture. A representative of the Bureau of the Budget was in attendance at meetings of this committee.

The 1959 Census of Agriculture questionnaire, from which the list of farm operators with land irrigated was obtained for the 1960 Survey, contained a single inquiry relating to irrigation for those States which were included in the 1960 Survey. The 1959 inquiry was as follows:

Section V.—IRRIGATION

213. Of the total land in this place (reported in question **203**), how many acres were **irrigated *this year?*** . . . . . None ☐ Acres _____ X

This inquiry was on the agriculture questionnaire used in the following 30 States:

Maine	Indiana	West Virginia
New Hampshire	Illinois	North Carolina
Vermont	Michigan	South Carolina
Rhode Island	Wisconsin	Georgia
Massachusetts	Minnesota	Florida
Connecticut	Iowa	Kentucky
New York	Missouri	Tennessee
New Jersey	Delaware	Alabama
Pennsylvania	Maryland	Mississippi
Ohio	Virginia	Arkansas

Only a limited part of the State data collected by the questionnaire for the States listed above is included in this report. Data for all counties with reports for irrigation appear in the State reports comprising volume I of the reports of the 1959 Census of Agriculture.

In all other States in the conterminous United States and in Hawaii, the questionnaire for the 1959 Census of Agriculture contained several inquiries regarding irrigation, as follows:

The questionnaire for the 1960 Survey of Irrigation in Humid Areas was designed, in part, to obtain data similar to those obtained in the Irrigation States from farm operators, for the 1959 Census of Agriculture. The inquiries for the Irrigation States were not used in the humid areas partly because the questions would be applicable to such a small proportion of the farms or farm operators. Furthermore, a special survey made, at a later time, would permit the obtaining of useful data in respect to the year in which irrigation was first practiced, source of irrigation water, method of applying water, type of power utilized in the application of water, how many times a crop was irrigated, constructed reservoirs, and other purposes served by the use of irrigation water.

The questionnaires used in the 1959 Census of Irrigation (for the 19 Irrigation States) covering operations of irrigation organizations, are reproduced in the appendix of volume III of the reports for the 1959 Census of Agriculture. The data obtained by their use appear in volume III.

List of Farmers With Irrigation in 1959.—After the editing of the 1959 Census of Agriculture questionnaires had been completed, all questionnaires for the 30 States were examined to locate reports of farm operators with irrigated acreage in 1959. A transcription card (see exhibit 2 in the appendix) was prepared with selected data about the operator and the farm, as each questionnaire with irrigated land was identified. The number of cards and the total of the irrigated acreage were reconciled in

Section V.—IRRIGATION

213. Of the total land in this place (reported in question **203**), how many acres were **irrigated *this year?*** . . . . . None ☐ Acres _____ —

(If "None," mark **X** *and skip to question* **[218]**.)

214. How many acres in this place were **irrigated** by **sprinklers *this year?*** . . . . . None ☐ Acres _____ —

215. From how many acres of **irrigated** land were crops harvested ***this year?*** . . . . . None ☐ Acres _____ —

(Be sure to include all irrigated land from which hay was cut and all irrigated land in both bearing and nonbearing fruit and nut crops and irrigated land from which volunteer crops were harvested.)

(If "None," mark **X** *and skip to question* **[217]**.)

216. What part of the land from which crops were harvested ***this year*** was **irrigated?** . . . . . All ☐ Part ☐

(If "All," mark **X** *and skip to question* **[217]**.)

(If "Part," give below name and acres irrigated for each crop. If all orchard was irrigated, list "Orchard," and if all vegetables for sale, list "Vegetables.")

Name of crop irrigated?	Acres irrigated?	Name of crop irrigated?	Acres irrigated?
(1)		(3)	
(2)		(4)	

[217] What **percent** of the **irrigation water** used on this place ***this year*** was obtained—

(**a**) From a **well** (pumped or flowing) or **spring** directly by this farm or from another farm? . . . . . _____% —

(**b**) From a **stream, lake, drainage ditch,** or **reservoir** directly by this farm or from another farm? . . . . . _____% —

(**c**) From a **mutual** or **cooperative water** or **ditch company, irrigation district,** or **other irrigation organization?** (*Give name below.*) . . . . . _____% —

(The total for questions (**a**), (**b**), and (**c**) must = 100%.)

Name _____ Name _____

most States with the number of farms and the irrigated acreage tabulated for the 1959 Census of Agriculture. These transcription cards not only provided the names and addresses of respondents but also served as a control record for the enumeration for the 1960 Survey of Irrigation in Humid Areas.

The Enumeration.--The survey questionnaires were mailed in December 1960 to each farm operator in the 30 Eastern States for whom irrigated acreage was reported in the 1959 Census of Agriculture. The mailed questionnaires were accompanied by a letter stating the purpose of the survey and asking cooperation in filling and returning the questionnaire.

Three subsequent mailings were made, as necessary, to nonrespondents, at approximately three-week intervals. Enumerators were employed to obtain information from nonrespondents either by telephone, or by personal visit, if the operator had a relatively large acreage of irrigated land in 1959. The number of 1959 irrigated acres which determined whether or not a nonrespondent farm operator would be contacted, by telephone or in person, varied by States, as follows:

Georgia, North Carolina, and South Carolina.....20 acres
All other States .....75 acres

Questionnaires were obtained for farm operators who reported 96.5 percent of the irrigated acreage for the 1959 Census of Agriculture.

To make the 1960 Survey more complete, as well as to increase the usefulness of the data, estimates were made for the remaining nonrespondents after the field followup enumeration had been completed. The estimates were made for individual farm operators on the basis of the data reported for the 1959 Census of Agriculture, and also the 1960 reports for the special survey for farms in the same county. The proportion of the 1959 irrigated acreage for which reports were estimated is shown by States in State Table 1.

Editing and Coding of Questionnaires.--The transcription card containing an identification number and the name and address of the farm operator was used to insure the completion of the enumeration and for reference purposes during the editing process. As the questionnaires were received, the corresponding transcription card was attached to the questionnaire and remained there until editing was completed. This procedure eliminated the acceptance of duplicate questionnaires and permitted the measuring of the completeness of the enumeration at any time. Each questionnaire was individually edited and coded before the information was transferred to punchcards for tabulation. Each questionnaire was examined by clerks, in accordance with written instructions, for errors, omissions, and inconsistencies. Among the specific items subjected to consistency checks were the following: (a) irrigated acreage compared with total acreage in the farm; (b) the reporting of constructed reservoirs when the source of water indicated that reservoirs were necessary; (c) acres irrigated by method of irrigation, as compared with the total acres irrigated; and (d) the acres of crops reported irrigated as compared with the total acres irrigated. Obvious errors in calculations and misplaced entries were corrected. Questionnaires containing major inconsistencies and omissions were reviewed by a member of the technical staff and, depending on the magnitude of the data involved, the changes were made on the basis of information reported for other farms of similar type in the area, or on the basis of additional information received in response to letters to the farm operators.

During the editing, estimates were prepared for each nonrespondent as follows:

Acres in place .....From 1959 Census of Agriculture
Tenure code .....From 1959 Census of Agriculture
Acres irrigated.....From 1959 Census of Agriculture
Year irrigation began ....Not estimated
Constructed reservoirs ...1 supplied provided water source indicated a need for a constructed reservoir
Source of water.....Determined from reports for farms in same area
Method of irrigation.....Determined from reports for farms in same area
Type of power.....Not estimated
Crops irrigated and number of times irrigated.....1959 crops and farms in same area
Supplemental uses of irrigation.....Not estimated

The 4,600 nonrespondents, for whom 1960 estimates were made, represented 15.4 percent of the total number of 1960 farms with irrigation in the Humid Area but the estimate for their 1960 irrigated acreage represented only 3.4 percent of the total irrigated acreage for the same 30-State area. The estimates for these farms probably do not have a large margin of error either in the number of farms reporting or in the totals for irrigated acreage or for other items of information to which the estimates are confined.

All farms were coded by size of farm on the basis of total acreage operated and by tenure of operator. Crops irrigated, for which there were no specific inquiries on the questionnaire, were coded also.

Tabulation of Data.--After the questionnaires were edited and coded, the information was punched on tabulating cards. These punched cards were checked mechanically and those cards which still lacked necessary information, or which contained previously undetected or unchanged inconsistent or impossible data were listed for further checking and review. The listings were examined and, as necessary, the cards were corrected. The data were tabulated after the cards for a particular State were considered satisfactory. All tabulations were examined for reasonableness and internal consistency. Corrections on the basis of further review and reappraisal of the original reports and verification of the editing, coding, and punching, were made when necessary.

PRESENTATION OF STATISTICS

Organization of Tables.--Data obtained in the 1960 Survey of Irrigation in Humid Areas are presented in 12 State tables containing totals for individual States and for the 30 States as a group. These data are complemented with totals for selected items, for selected counties, in a county table. Selected counties comprise those counties in which 1,000 or more acres of irrigated land were reported in the 1959 Census of Agriculture or the 1960 Survey. In 6 States, Illinois, Kentucky, New Hampshire, Rhode Island, Vermont, and West Virginia, there were no counties with 1,000 or more acres of irrigated land. However, County Table 1 is presented for these 6 States so as to provide State data by crop groups corresponding to the data for the other 24 States. In County Table 1 the totals for the listed counties will not equal the total given for the State as figures for the group of counties with less than 1,000 acres of irrigated land, in both 1959 and 1960, are not shown. When comparative data are presented, from the earlier census or survey, totals are also given for the 28 States included in both surveys. The table titles, as listed in the Table of Contents, are descriptive of the tabular material presented in each.

Comparability of Data.—Since State totals relating to irrigation of farmlands are presented for a limited number of items for two census years (1959 and 1954) and for the two subsequent special surveys (1960 and 1955), it is possible to compare census data with census data, survey data with survey data, and census data for one year with survey data for the following year. State Table 1 provides a comparison of some 1959 Census data with 1960 Survey data and State Table 2 provides additional comparisons for both periods.

The figures for irrigation, presented for the 1959 and 1954 Censuses of Agriculture, were obtained by the same procedures. They are comparable with the exception of differences resulting from the carrying out of processing instructions in regard to irrigated acreage reported in fractions of less than one acre. In 1954, a report of a fractional part of an acre, when unaccompanied with an integral number, was increased to a whole integer and the report of irrigation was thus retained. In 1959, farms with less than one acre irrigated were omitted from the count of farms with irrigation. To a limited extent, the 1959 number of farms with irrigation may be understated when compared with the number for 1954. However, the difference in processing procedures had little effect on the comparability of irrigated acreage for the two census years.

The data for the two special surveys are not fully comparable because of differences in coverage and procedures used in compiling the data. The coverage of the two special surveys differs significantly because the estimates were made for all nonrespondents in 1960 and because cranberry growers were included in the 1960 but not in the 1955 special survey. The nonrespondents in 1960 total 4,600 farm operators, with 63,145 acres irrigated as estimated on the basis of figures for the 1959 Census of Agriculture for the same farm operators. Estimates were prepared for these 4,600 farms for 1960, and these estimates comprise a part of the published totals. The farms for which estimates were made for 1960 represented 15.4 percent of the total farms reporting irrigation and the acres irrigated estimated for these farms represents 3.4 percent of the total acres irrigated in 1960. The nonrespondents for 1955 total 7,762 farm operators with 42,307 acres irrigated in 1954. These nonrespondents represent 36 percent of all the farm operators in the 28 States with irrigation in 1954, and had 7 percent of the acres irrigated in 1954. There were 1,134 farms reporting 22,598 acres of cranberries harvested in 1954 in the 28 States. These farms and the acres irrigated were omitted from the 1955 Special Survey. Farms with cranberries represented approximately 5 percent of the farms with irrigation in 1954 and the irrigated acreage of cranberries represented about 4 percent of the total acreage of irrigated land in 1954.

To provide reasonable comparable data for the 1955 and 1960 surveys for the 28 States included in both surveys it would be necessary to increase the number of farms with irrigation for 1955 by approximately 74 percent and the acres irrigated by approximately 10 percent.

The number of farms with irrigation in the 28 States for the two special surveys, 21,700 for 1960 and 11,997 for 1955, are not fully comparable. The total acres irrigated for 1955 were compiled by adding the acres of the individual crops which were irrigated. The irrigated acreages shown, for that survey (1955 in State Tables 2, 3, and 8) are, therefore, overstated to the extent that two or more crops were harvested from the same land.

In the 1955 Survey, some facts, for example, the acreage of the individual crops which were irrigated, were obtained for the 1954 calendar year and for the 1955 calendar year. For other items of information, such as the presence of constructed reservoirs, the type of power used, etc., reference was not made to 1954 or 1955. If irrigation water was used in either year, but not in both years, the report was included in the published totals. The 1955 Survey totals for the 28 States include data for 1,667 farms with irrigated land in 1954, but no land irrigated in 1955. For 1960, the tabulations do not include data for farms with land irrigated in 1959, but with no land irrigated in 1960. There were 9,086 farms with land irrigated in 1959 but with no land irrigated in 1960 in the 30 States. These 9,086 farms had 218,304 acres of irrigated land in 1959.

The extent of irrigation in a given year is influenced by weather conditions, particularly during the growing season. In the summer growing months in the Humid Areas rainfall is variable from year to year and from month to month. Crops and pastures frequently suffer from lack of rainfall. The maps on precipitation appearing on pages VIII to XXV provide rough measures of the needs for irrigation in 1954, 1955, 1959, and 1960. The variations in rainfall have a significant effect upon the area irrigated for all crops except rice and cranberries in an area and a given year. While the acreage irrigated in the Humid Area has been increasing in recent years, the acreage irrigated and the comparison of the acreage irrigated for one or two years are influenced greatly by rainfall during the summer months.

DEFINITIONS AND EXPLANATIONS

Irrigation.—In the enumeration for the 1959 Census of Agriculture, and in the subsequent special 1960 Survey relating to irrigation, farm operators were not given a definition of "irrigation" or of "irrigated land." It is believed that the meaning of the irrigation inquiry on the 1959 Census of Agriculture questionnaires, viz, "Of the total land in this place (reported in question 203), how many acres were irrigated this year?" was understandable to most farm operators. However, in a few instances the farm operator, when canvassed in the 1960 Survey, reported that he had not irrigated any land in 1959. Reports of this nature were not included in the 1960 tabulations and, if received before publication of the final report of the 1959 Census of Agriculture, were removed from the 1959 Census of Agriculture totals for farms reporting and acres of irrigated lands.

Irrigated land is defined as land watered for agricultural purposes by artificial means. These means include subirrigation as well as systems whereby water was applied to the ground surface, either by gravity flow or by sprinklers. Land flooded for rice or cranberry cultivation was considered as irrigated. In the 1959 Census, the greenhouse area was not always considered as irrigated land. If the greenhouse area was reported as irrigated, the report was accepted provided the area was one acre or more. If the greenhouse area was not reported as irrigated or if the area was less than one acre, the greenhouse area was not considered as irrigated. Land flooded during high-water periods was to be included as irrigated only if water was directed to agricultural use by dams, canals, or other works. The definition of irrigated land specifically excluded land where the "water table," or natural level of underground water, was controlled by drainage works with no additional water brought in by canals or pipes.

Census Definition of a Farm.—For the 1959 Census of Agriculture, the definition of a farm was based primarily on a combination of "acres in the place" and the estimated value of agricultural products sold.

The word "place" was defined to include all land on which agricultural operations were conducted at any time in 1959 under the control or supervision of one person or partnership. Control may have been exercised through ownership or management, or through a lease, rental, or cropping arrangement.

Places of less than 10 acres in 1959 were counted as farms if the estimated sales of agricultural products for the year amounted to at least $250. Places of 10 or more acres in 1959 were counted as farms if the estimated sales of agricultural products for the year amounted to at least $50. Places having less than the $50 or $250 minimum estimated sales in 1959 were also counted as farms if they could normally be expected to produce agricultural products in sufficient quantity to meet the requirements of the definition. This additional qualification reresulted in the inclusion as farms of some places engaged in farming operations for the first time in 1959 and places affected by crop failure or other unusual conditions.

For the 1954 Census of Agriculture, places of 3 or more acres were counted as farms if the annual value of agricultural products, whether for home use or for sale but exclusive of home-garden products, amounted to $150 or more. Places of less than 3 acres were counted as farms only if the annual sales of agricultural products amounted to $150 or more. A few places with very low agricultural production because of unusual circumstances, such as crop failure, were also counted as farms if they normally could have been expected to meet the minimum value or sales criteria.

Farms Reporting and Acres Irrigated.--Figures for farms reporting (or operators reporting) represent the number of farms (or operators) for which a specified item was reported. The "number of irrigated farms" and the "number of farms reporting irrigated land" are equivalent terms. Data for "land in farms reporting irrigation" relate to the entire acreage in those farms, including land which was not irrigated. Data for "land irrigated in farms reporting" relate only to that part of the land in irrigated farms that was watered by artificial means in the specified year. The acreage of land irrigated in a particular farm is almost always smaller than the total acreage of the farm. The following data for the State of New York illustrate the meaning of the various terms used above. For example, in 1960, reports of irrigation were received for 1,217 farms which had a combined total area of 186,735 acres. These farms had 50,541 acres of land irrigated in 1960. Only 460 of these irrigated farms reported Irish potatoes as one or the only crop irrigated. The irrigated area of this crop for the State was 26,593 acres. In the tables showing separate data for New York, these totals appear under the following heads:

Farms reporting irrigation	number	1,217
Land in farms reporting irrigation	acres	186,735
Land irrigated in farms reporting.....	acres	50,541
Irish potatoes irrigated	farms reporting	460
	acres irrigated	26,593

In the report on crops irrigated, the acreage of each irrigated crop was to be reported even though more than one crop was harvested on the same land in 1960. Therefore, the total acres of crops reported for a State may exceed the total acres of land irrigated.

Space was provided for the reporting on the questionnaire and for punching on to tabulating cards, of tenths of acres for all crops except field corn, hay, and pasture. County and State totals are always shown in whole numbers. An acreage of less than one for any particular crop, for a county, was not retained. No provision was made for the reporting, or punching, of tenths of acres for total acres irrigated. If the number reported for the acreage for total land irrigated included a fraction, the fractional part was cancelled, the whole number being retained or increased by one depending on the value of the fraction. These processing procedures sometimes resulted in discrepancies other than those due to multiple-cropping, between the total of the acres of individual crops irrigated, including pasture, and the total acres of land irrigated.

Tenure of Farm or Farm Operator.--Questions 4 through 8 of the 1960 Survey questionnaire provided the basis for the classification by tenure of farm operator for each operation on which irrigation was practiced in 1960. The four tenure groups are defined as follows:

a. **Full Owners** operate only land they own.
b. **Part Owners** operate land they own and also land rented from others.
c. **Managers** operate land for others and are paid a wage or salary for their services. Persons acting merely as caretakers or hired as laborers are not classified as managers. If a farm operator managed land for others and also operated land on his own account, the land operated on his own account was considered as one farm and the land managed for others as a second farm. If, however, he managed land for two or more employers, all the managed land was considered to be one farm.
d. **Tenants** rent from others or work on shares for others all the land they operate. In a few cases, where a tenant and his landlord operated separate farms in 1959, only one questionnaire was obtained in 1960 by an enumerator, the questionnaire covering both the tenant and landlord's farming operations.

Year in Which Irrigation was Begun.--The inquiry, "In what year was irrigation begun on this place? (the land reported in question 8)" was intended to ascertain when irrigation was first begun on the farm rather than by the operator who was operating the farm in 1960. Of course, in many cases, the 1960 operator must have been the originator of irrigation on his present farm. For a given area, the information obtained in answer to this question provides a measure of the rapidity of acceptance of this farming practice. In a few areas, such as those in which rice culture has been long established, the exact year of starting irrigation would be difficult for the farmer to report. For that reason, the earlier years have been grouped together. Data for single years are shown only for the more recent years. The groupings were made in a manner to provide some comparisons with data collected for the 1955 Survey.

Some farm operators, who had recently changed farms, no doubt reported the year that they began irrigation on the farm they were operating in 1960. No attempt was made to obtain followup data for this item for questionnaires which did not show the year in which irrigation was begun. For such farms, totals are shown under "Year not reported." State Table 10 provided data by single years back to and including 1955. The years 1950 to 1954 are included in one group, the years 1945 to 1949, in another, and the years 1944 and earlier in another group. The report of the 1955 Survey of Irrigation in Humid Areas presented figures by single years for the year in which irrigation was begun from 1955 back to 1946. The data were grouped for 1945 and earlier years.

Constructed Reservoirs.--No provision was made for securing the size of the constructed storage facilities either in terms of total area or in acre-feet of water impounded. The statistical tables include data for both the number of farms reporting constructed reservoirs and the number of reservoirs. Data for natural lakes and natural ponds are presented under the heading "Source of water." If there was no answer to the inquiry, "How many constructed ponds, pits, dugouts, or constructed reservoirs of any kind for storing irrigation water are there on this place?" and the source of water was given as "Springs and seepage" or "Farm runoff," the number of constructed ponds, etc., was estimated when 10 or more acres of crops other than rice or cranberries were reported. Only occasionally was an estimate of more than 1 made for an individual farm.

Source of Water.--The 1960 questionnaire provided for reporting the percentage of the total water supply used for irrigation obtained from one or more of the following sources:

a. Wells
b. Natural streams and rivers
c. Springs and seepage (not from streams)
d. Farm runoff (not from streams)
e. Natural lakes and natural ponds
f. Drainage ditches
g. City, town, or community water supply
h. Purchases from irrigation or drainage company or district
i. Other

The percentages on individual questionnaires were totaled to see if they equalled 100 percent. When percentages were not reported, or their total did not equal 100 percent, estimates or adjustments were made. If the correct answer was not ascertainable from other information on the questionnaire, the necessary facts were obtained by correspondence with the farm operator.

For each questionnaire the percentage figures reported were applied to the total acreage irrigated to determine the equivalent acres irrigated from each source of water. If necessary, the resulting acreages were rounded in a manner so that their total would equal the total acreage irrigated. Water sources are in two broad groups, viz, "ground" or "surface." Wells and springs and seepage are considered to be ground sources of water. Natural streams and rivers, farm runoff, natural lakes and natural ponds, and drainage ditches are considered to be surface sources of water. It was not possible to determine the natural source of the water obtained from cities or that which was purchased from irrigation or drainage companies. However, these two water sources are of minor importance in the 30 Eastern States. Irrigation organization sources were reported only in Arkansas and Florida.

State Table 4 shows the number of farms reporting each source of water and the equivalent acres irrigated from each source. In State Table 5, farms reporting a combination of various sources of water are listed in the same order that water sources are listed on the questionnaire. Data for farms whose operators reported several sources are included only once in the totals. For example, farms whose operators reported wells and streams as the source of water are included under the grouping "Wells" and are subtitled "Wells and streams." Data for these farms are not included again under "Natural streams and rivers." The other sources include such sources as canals (for example, the Erie Barge Canal of New York).

Generally, most farms obtained irrigation water from a single source and the significant data in many of the tables may be analyzed by examining the figures for the important sources of water without considering the data for the several groups of farms obtaining water from more than one source.

Method of Application of Water.—The 1960 Survey questionnaire listed five specific methods by which irrigation water could be applied. If in a respondent's opinion his method of applying irrigation water did not fit one of the listed categories, he could report his method by supplying his own description. Thus, if a water tank was used in watering recently transplanted citrus trees (as was the case in a few instances in Florida), that method was an acceptable report for "other." The six categories which permitted an almost automatic classification of the method of applying irrigation water were, as follows:

a. Portable pipe and sprinklers
b. Fixed overhead irrigation
c. Furrows or ditches
d. Flooding
e. Subirrigation
f. Other

When the questionnaire did not have any of these methods reported, an answer based on the method of application used by other farms in the same county was provided during the editing process. However, if the other farms in the county used various methods of application, the answer was determined by a member of the technical staff or through correspondence. Entries of gated-pipe reported under "Other" were transferred to "Furrows or ditches" or "Flooding," depending on the crop irrigated.

More than one method of irrigation may have been utilized on a farm in 1960. Combinations of methods were separated during tabulation. More than one method may have been used to irrigate the same field or tract and, in such cases, the total area irrigated by the several methods may exceed the total acres of land irrigated.

A report for acres was required for each method of irrigation. During the editing process fractional acreage was converted to the nearest whole number and the total of the acres listed for the various methods was checked and made to equal the total acreage irrigated, except in those cases where more than one method was utilized to irrigate the same acreage. State Table 3 presents the total acres irrigated by each method in each State. State Table 6 gives the acreage irrigated by the various methods or combinations of methods used in applying irrigation water.

Type of Power Used for Pumping.—The questionnaire for 1960 listed four types of power used for pumping water. A check box for "None" was provided for reporting if no power was used. No power may be required when water flows to the land by artesian action or by some other form of gravity, or under pressure as in the case of city water. Farms for which the type of power was not indicated by the respondent are included in the tables under "Farms not reporting type of power."

A number of farmers reported the use of more than one type of power. The tabulating procedures provided for the obtaining of data for the following power combinations: Gas engines and diesel engines, gas engines and electric motors, gas engines and tractors, diesel engines and electric motors, and diesel engines and tractors. The tabulation program did not provide for combination of other sources of power nor for combination of tractor and electric sources of power. There were 243 farms with such combinations of power sources. These were distributed by State as follows:

30-State area, total	243
Alabama	6
Connecticut	1
Florida	60
Georgia	8
Illinois	2
Indiana	4
Iowa	4
Kentucky	4
Maryland	1
Massachusetts	2
Michigan	11
Mississippi	55
Missouri	4
New Jersey	16
New York	4
North Carolina	20
Ohio	8
Pennsylvania	6
South Carolina	8
Tennessee	8
Virginia	8
Wisconsin	3

The 243 farms with power obtained from these combined sources were included with the source "gas engine."

Crops Irrigated in 1960.—The 1960 Survey questionnaire provided for the farm operator to report the acreage of each crop irrigated and the number of times the crop was irrigated. Ten crops, including pasture, were listed separately. Additional space was provided for the identifying of any other irrigated crop together with the acreage irrigated. The reporting of fractional acreage was provided for all crops except corn, hay, and pasture.

Information on the number of times that crops were irrigated in 1960 is published, where such information is available and meaningful. Because of the nature of cranberry and rice culture, the number of times these crops were irrigated is not given in the tables. The number of times irrigated is not shown for crops which were subirrigated as, in many cases, this is a continuous process. Some growers were not able to report the number of times irrigated for vegetable crops. No effort was made to obtain this information for short-season vegetables when it was not reported.

If the number of times irrigated was not given for 50 or more acres of a crop, other than rice, cranberries, and vegetables, letters were sent to farm operators asking for this information. For acreage ranging from 5 through 49, for which the number of times irrigated was not reported, the number of applications of water was supplied during the editing process on the basis of reports on other questionnaires for the same area. When not reported, the number of times irrigated was not supplied during the editing process when the acreage irrigated was under 5.

When part of a crop was irrigated one number of times and part, another number of times, and when the total acres irrigated for a crop was 20 acres or more, the acres irrigated for each part and the farms reporting were counted separately under the appropriate grouping by number of times irrigated in Table 12.

During the editing process, the area reported for the various crops irrigated on each farm was totaled and this total was checked against the total acres of land irrigated. If the summation gave a total in excess of the acres of land irrigated on a given farm, the difference was checked to see if double-cropping was the cause of the difference. If the difference was not the result of double-cropping, changes were made after correspondence, or on a judgment basis if the difference was small.

Supplementary Uses of Irrigation.—Irrigation water is for purposes other than to sustain and increase vegetative plant growth. Farm operators were asked in 1960 to answer the following inquiry:

16. Have you used irrigation for any of the following:
    a. Preventing frost damage?
    b. Applying fertilizer materials?
    c. Easier land preparation?
    d. Other? (describe)

As noted, the inquiry made no mention of the year in which a practice was initiated or carried out. Some of the replies may have related to an activity for a year prior to 1960. Among the other uses of irrigation water reported were:

1. Replacing watering equipment on transplanters
2. Applying insecticides
3. Applying fungicides
4. Watering livestock in fields
5. Harvesting cranberries
6. Land leveling
7. Making compost

SUMMARY OF STATISTICS

Statistics for the United States.--The relative importance of irrigation of agricultural lands in the Humid Areas to the total for conterminous United States is shown by the following data from the 1959 Census of Agriculture:

Area	Irrigated farms 1959		Acres irrigated in 1959	
	Number	Percent of total	Acres	Percent of total
Conterminous United States[1]	306,532	100.0	33,021,799	100.0
Humid areas—30 State total[2]	39,101	12.8	1,798,832	5.4
Irrigated States—18 State total[2]	267,431	87.2	31,222,967	94.6

[1]Alaska and Hawaii excluded.
[2]See text for the included States.

According to this latest census, 39,101 farm operators in the 30 Humid-States Area irrigated 1,798,832 acres of farmland in 1959. They comprised 12.8 percent of the conterminous United States total number of farms with irrigation and their irrigated acreage, 5.4 percent of the United States irrigated farm acreage. More farmers, than those who actually irrigated land in 1959, are equipped to irrigate at least a part of their land-holdings. Because of weather conditions, economic conditions, or other conditions, a farmer equipped for supplying supplemental water to his land may not do so every year. Those who do supplement the available soil moisture, may have sufficient water supplies and equipment to irrigate additional acres.

Farmers in the Humid Areas, as in the Irrigation States, are continuing to equip their farms for irrigation at an accelerating rate. The increase in the irrigated acreage in the Humid Areas did not keep pace with the increase in the number of irrigated farms between 1954 and 1959.

Area and year	Irrigated farms (number)	Area irrigated (acres)
Conterminous United States[1]		
1959	306,532	33,021,799
1954	320,236	29,552,155
1950	305,061	NA
1949	NA	25,787,455
1945	288,195	NA
1944	NA	20,539,470
Humid Areas—30 States, total		
1959	39,101	1,798,832
1954	33,443	1,873,648
1950	16,147	NA
1949	NA	940,114
1945	10,381	NA
1944	NA	572,484
Irrigation States—18 States, total		
1959	267,431	31,222,967
1954	286,793	27,678,507
1950	288,914	NA
1949	NA	24,847,341
1945	277,814	NA
1944	NA	19,966,986

NA Not available.
[1]Alaska and Hawaii excluded.

Statistics for Humid Areas.—Of the 39,103 farm operators with irrigation in the 1959 Census of Agriculture, 29,777 met the criteria for inclusion in the 1960 Survey of Irrigation in Humid Areas. The principal test for inclusion was that the 1959 farm operator must either have been a 1960 farm operator or must have been supplanted on the same land by a 1960 farm operator. The 29,777 total comprised 4,600 who did not respond to the mailed inquiry and were not canvassed in the field followup.

The 29,777 farms with irrigation in 1960, had 1,865,178 acres irrigated in that year. This total irrigated area in 1960 was slightly in excess of that reported for the immediately previous

year, as recorded in the 1959 Census of Agriculture. North Carolina had more than one-fifth of the 30-State total number of farmers with irrigation in 1960 but, as an average, each farm operator in North Carolina irrigated fewer acres than those in other States. The most frequently irrigated crop in North Carolina was tobacco. Arkansas, Florida, and Mississippi had the largest total area irrigated in 1960. Rice was the leading irrigated crop in Arkansas and Mississippi and citrus fruits and vegetables, in Florida. These three States also had the highest average of irrigated land per farm among the 30 States included in the survey.

The total land area of the irrigated farms, included in the 1960 Survey, was 11,083,788 acres and of this total 16.8 percent, or 1,865,178 acres, was irrigated in 1960. Wells were the source of the water for more than three-fifths (61.7 percent) of the irrigated acreage, and natural streams and rivers were the water sources for about one-seventh (14.3 percent) of the area irrigated. The water for smaller, but significant, acreages, varying by States, was furnished by natural lakes and ponds, subirrigation, drainage ditches, farm runoff, and springs and seepage. Constructed reservoirs were reported on 15,252 of the 29,277 irrigated farms. The number of constructed reservoirs totaled 32,948.

On most of the irrigated farms, some source of power, other than gravity, was utilized by the operator in getting water to his crops. Gas engines were reported as the source of power by 15,480 farm operators, electric motors by 4,822, and tractors by 4,360. Definite reports of "No power" were made by 985 operators and 5,044 failed to report the type of power used for pumping.

Irrigation water can be used for purposes other than to add to the available soil water for crop production. When light frost or slightly below freezing weather conditions occur severe damage can be averted by applying water to the ground surface or as a spray over the vegetative growth. This supplemental use of irrigation water was given more often than any other, being reported by 3,684 farm operators. About 3,000 (2,986) farm operators reported the use of irrigation water to distribute fertilizer and 2,231 the use of water as an aid in land preparation.

Of the 158 farms with 1,000 or more acres irrigated in 1960, 141 were located in Arkansas or Florida. Nearly one-fourth of the total number of 29,777 irrigators were tenant farm operators. The "Year in which irrigation was begun on the place" was not reported for 7,158 farms. For 4,600 of this latter group (those who failed to mail back a report) no effort was made to estimate the beginning date. Definite reports indicated that for 8,351 farms irrigation was first begun on the farm after the calendar year 1955.

For the 30-State group, the largest single irrigated crop acreage in 1960 was rice with 424,657 acres. This was followed by soybeans with 281,300 acres, and cotton with 245,924 acres. Irrigated vegetable acreage, totaled 271,641 acres with snap beans, tomatoes, and sweet corn together contributing about 40 percent of the irrigated vegetable acreage. Fruits and nuts, inclusive of cranberries and other berry fruits were harvested on 161,899 acres of irrigated land. Irish potatoes, not grouped with vegetables, were produced on 94,739 irrigated acres, tobacco on 89,211 acres, and nursery and greenhouse crops on 41,660 acres. For purposes of the 1960 Survey, pasture was a listed crop and 164,537 acres of such land were reported as irrigated. State Table 12 and County Table 1 indicate the geographic distribution of the irrigated crops.

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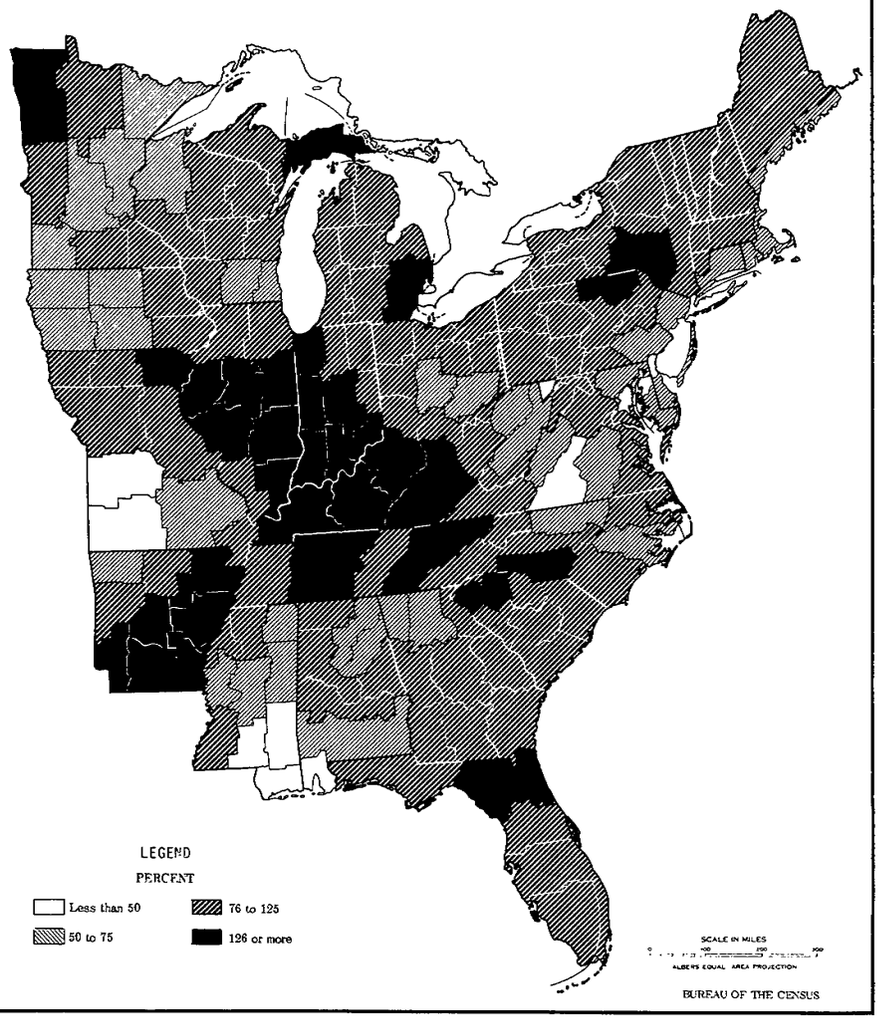
PERCENT OF NORMAL PRECIPITATION FOR THE 30 EASTERN STATES: JUNE 1960



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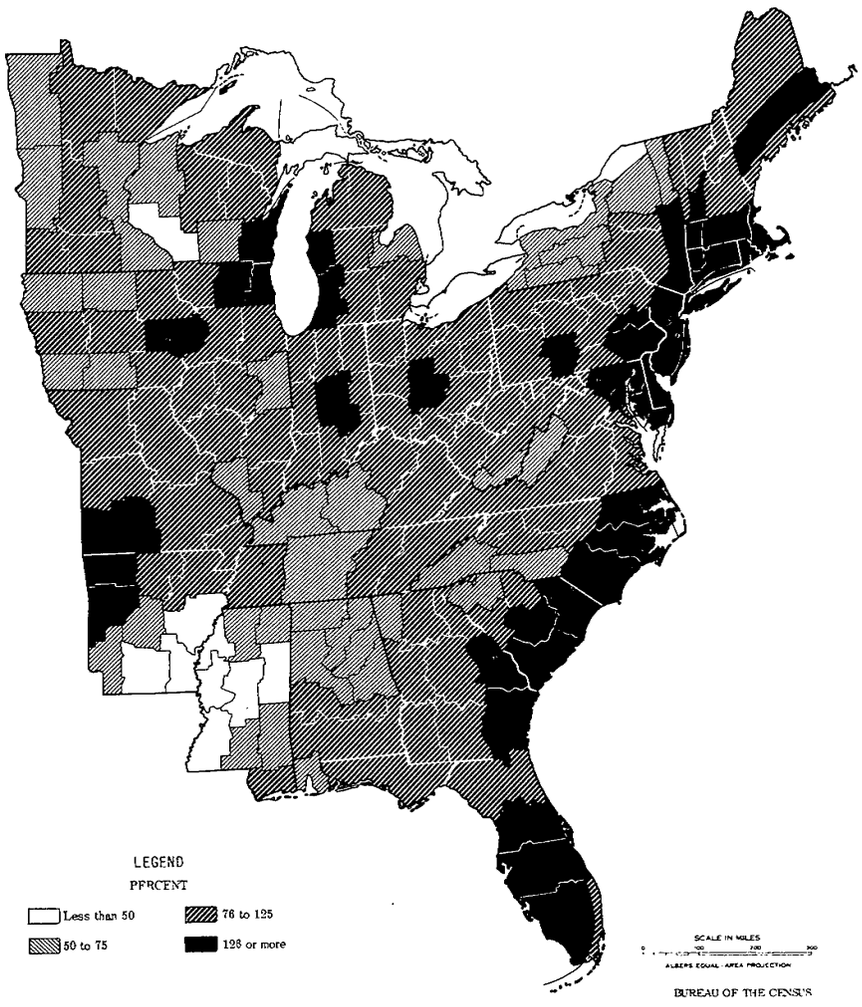

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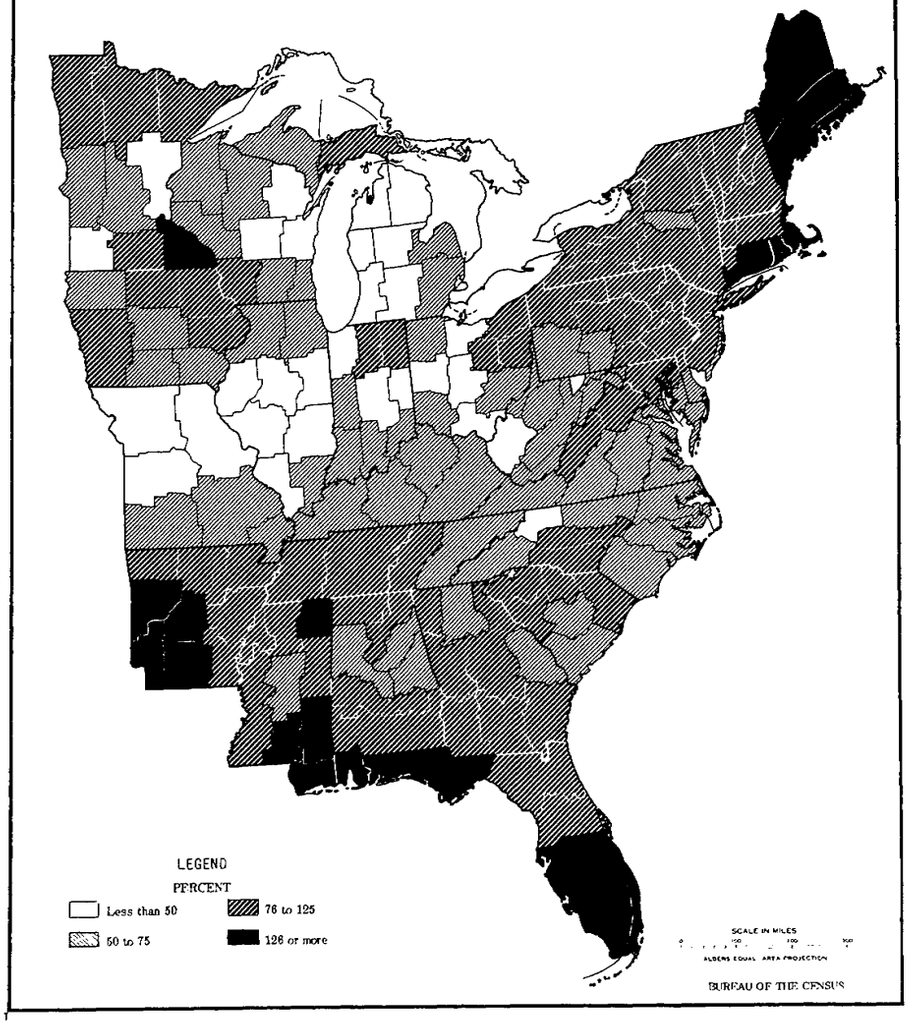

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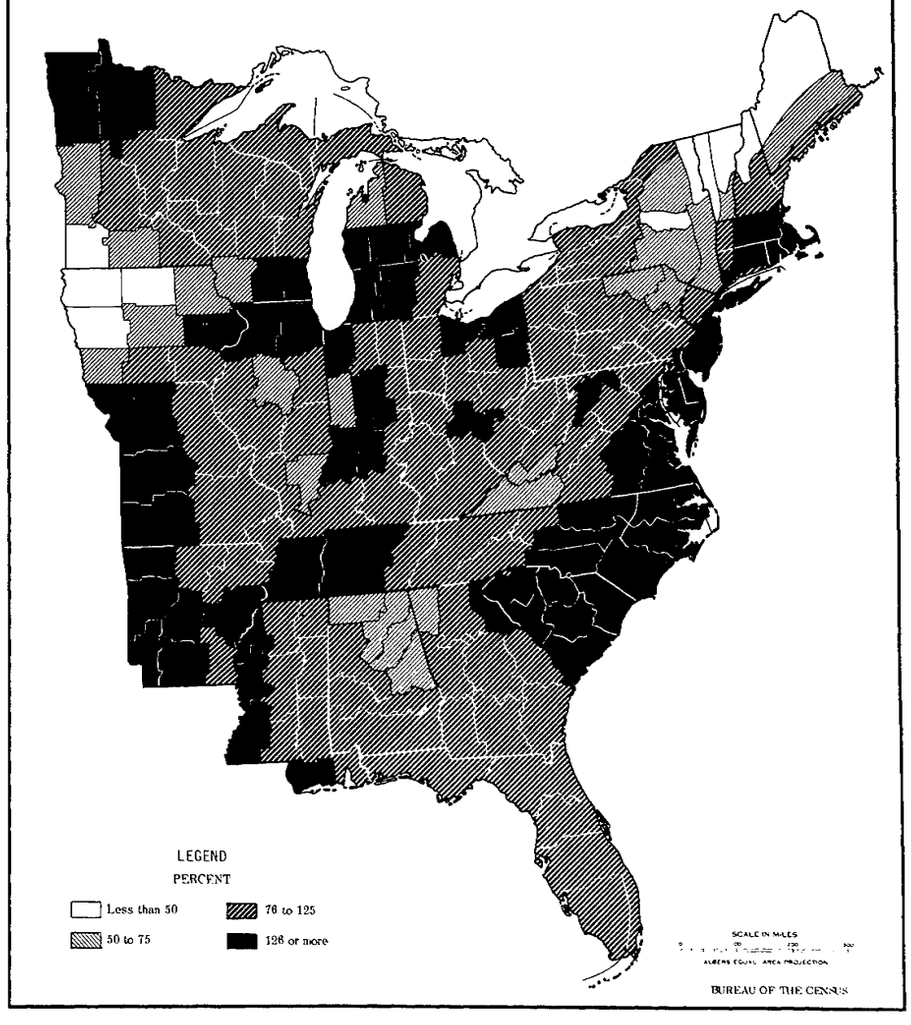
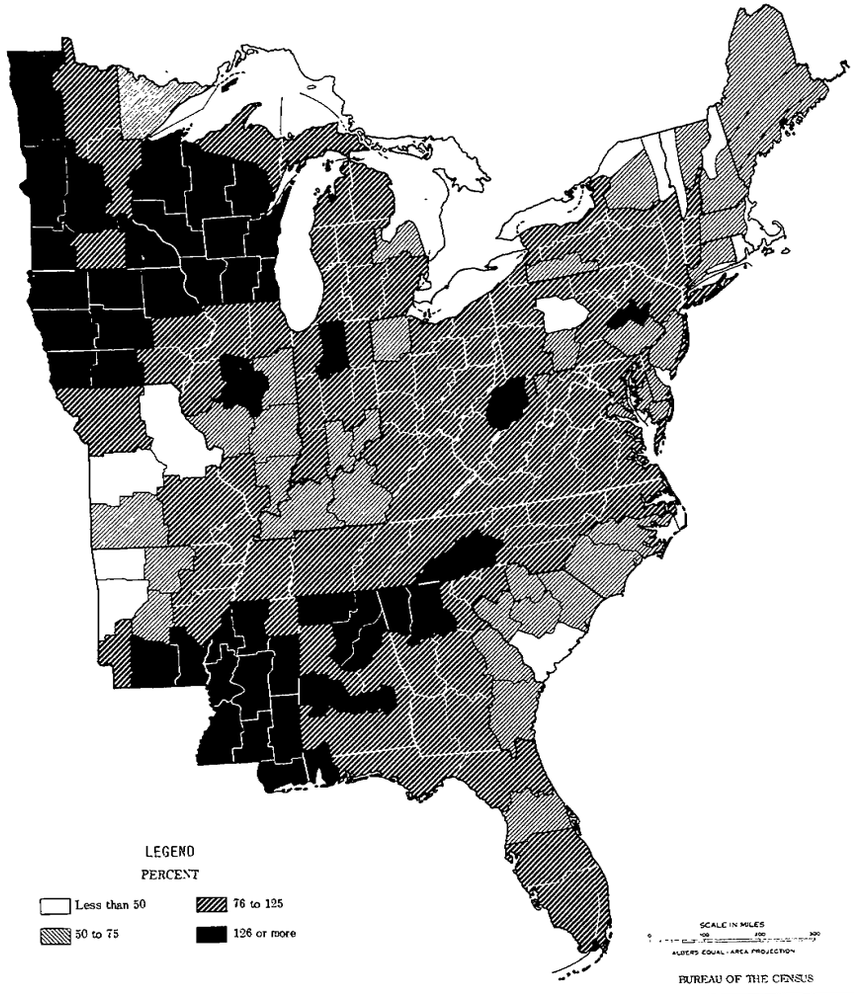
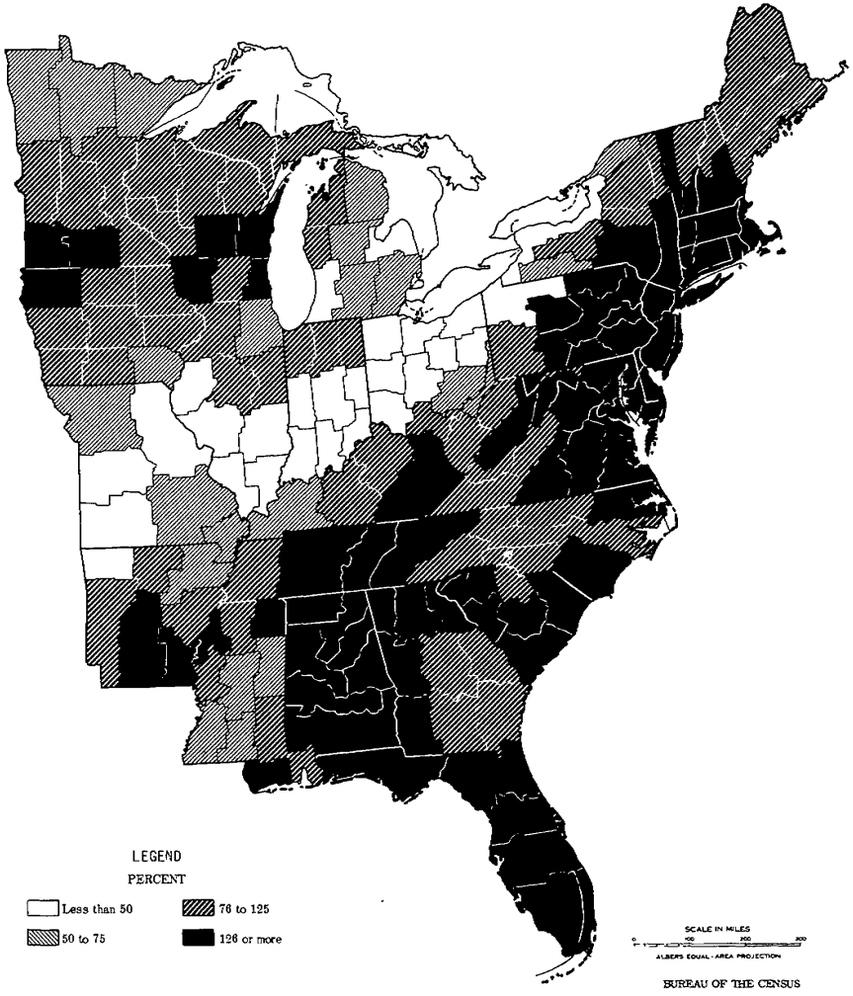


PERCENT OF NORMAL PRECIPITATION FOR THE 30 EASTERN STATES: AUGUST 1960



PERCENT OF NORMAL PRECIPITATION FOR THE 30 EASTERN STATES: SEPTEMBER 1960



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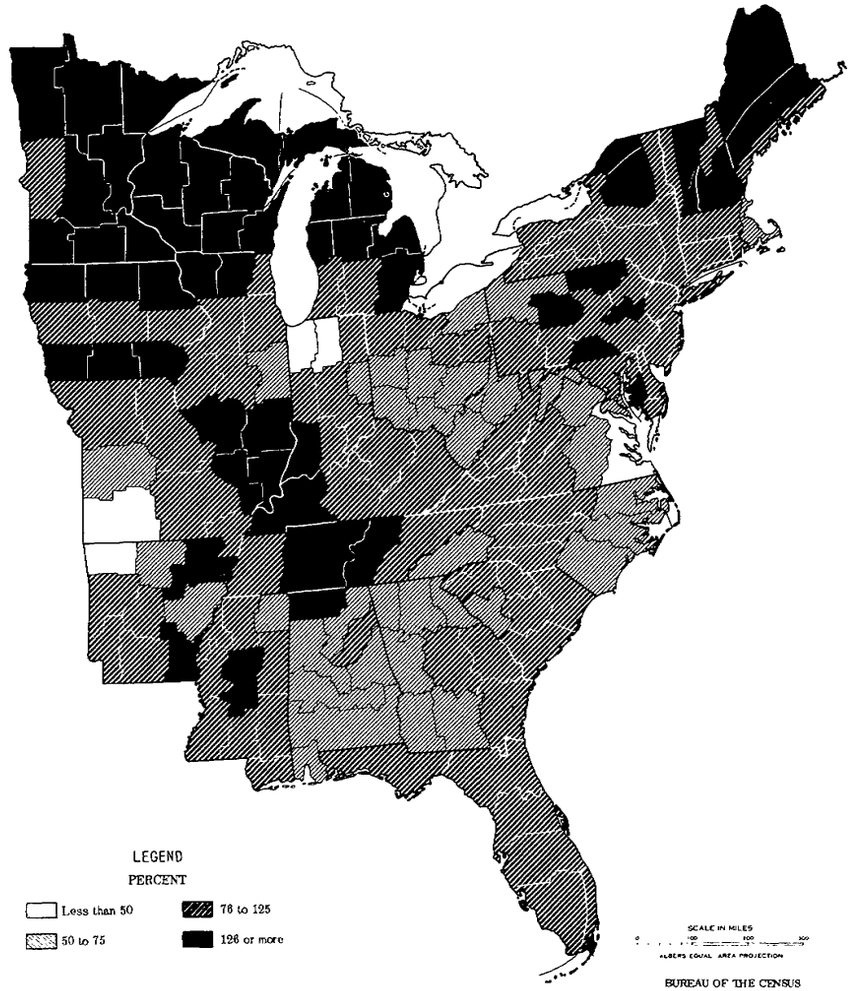

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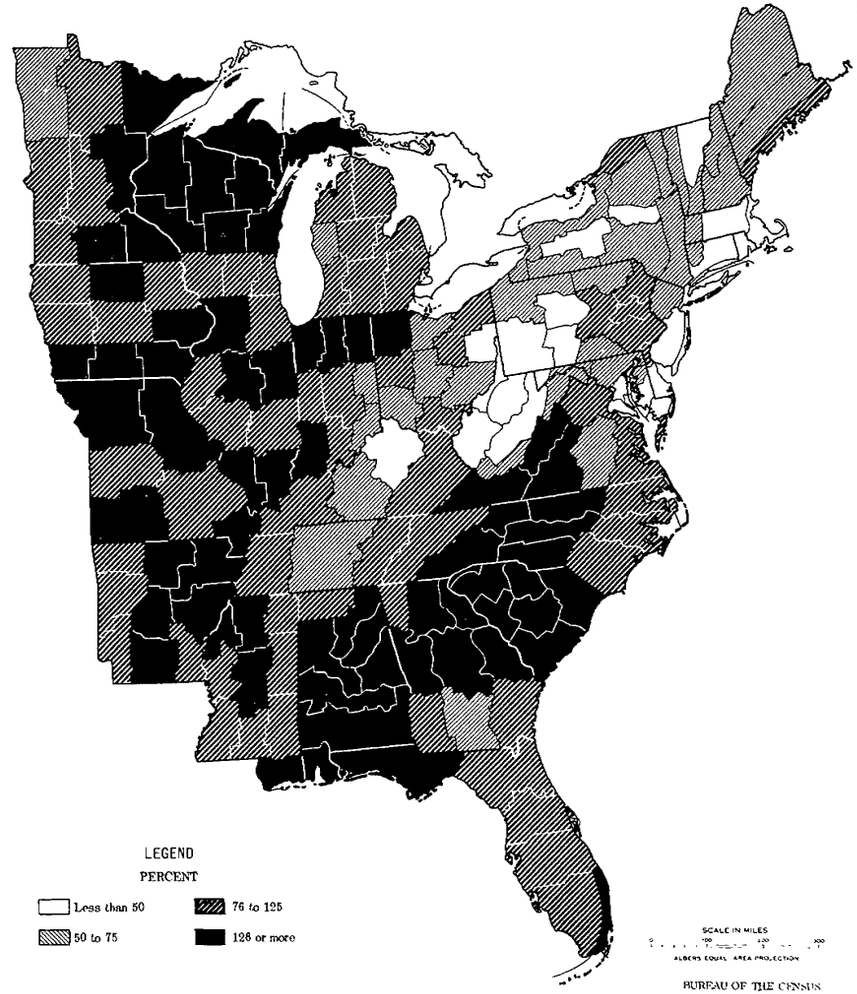
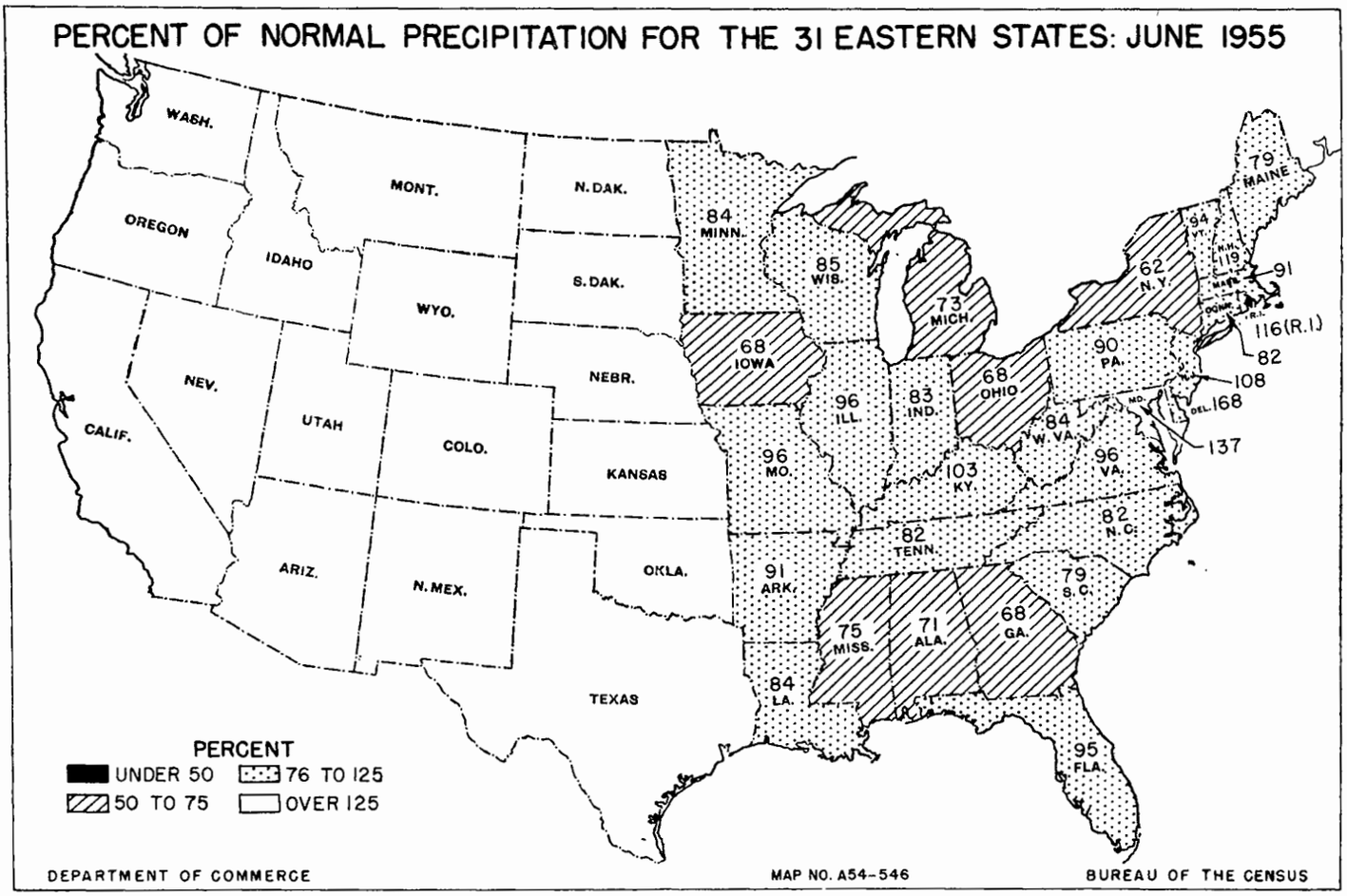
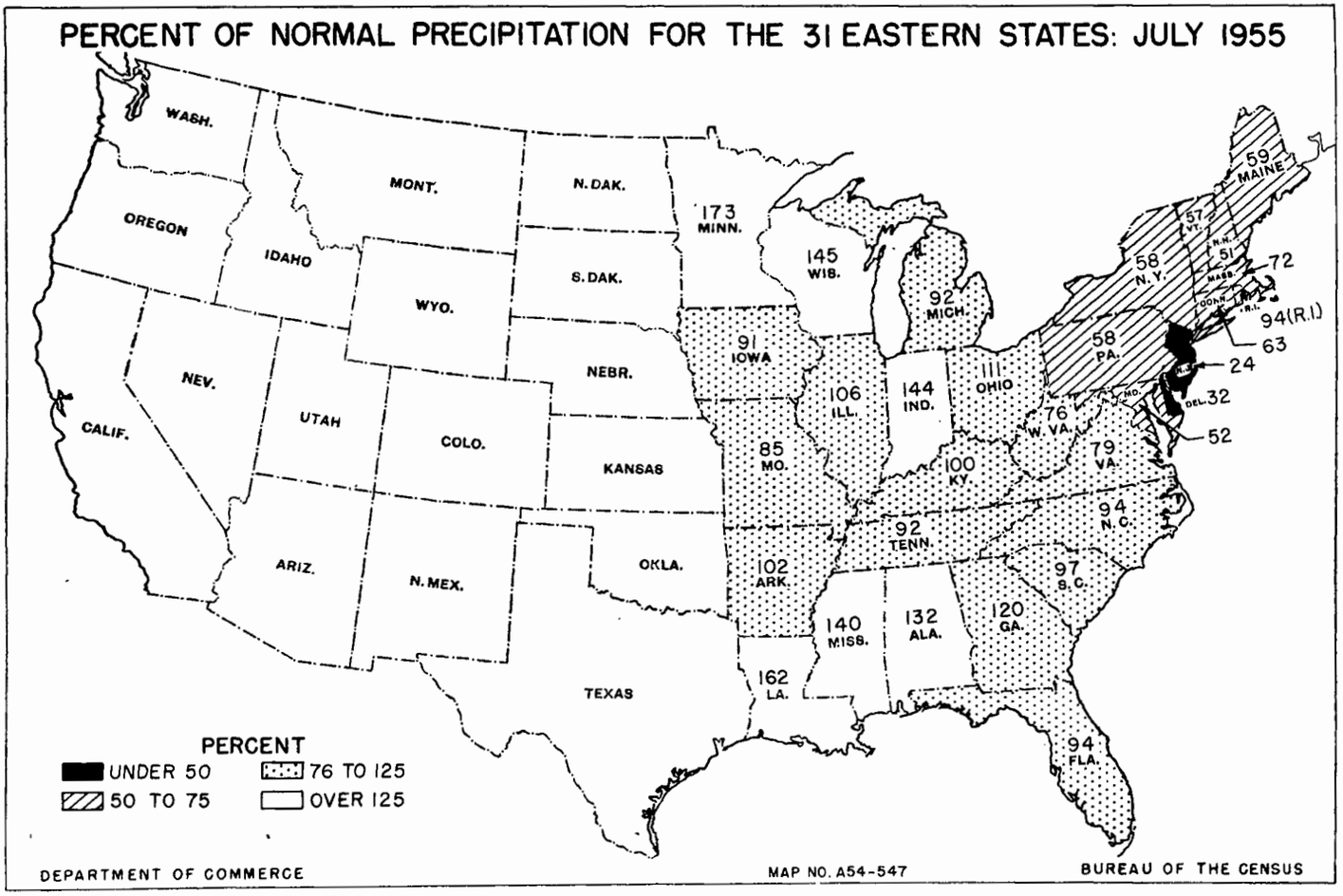
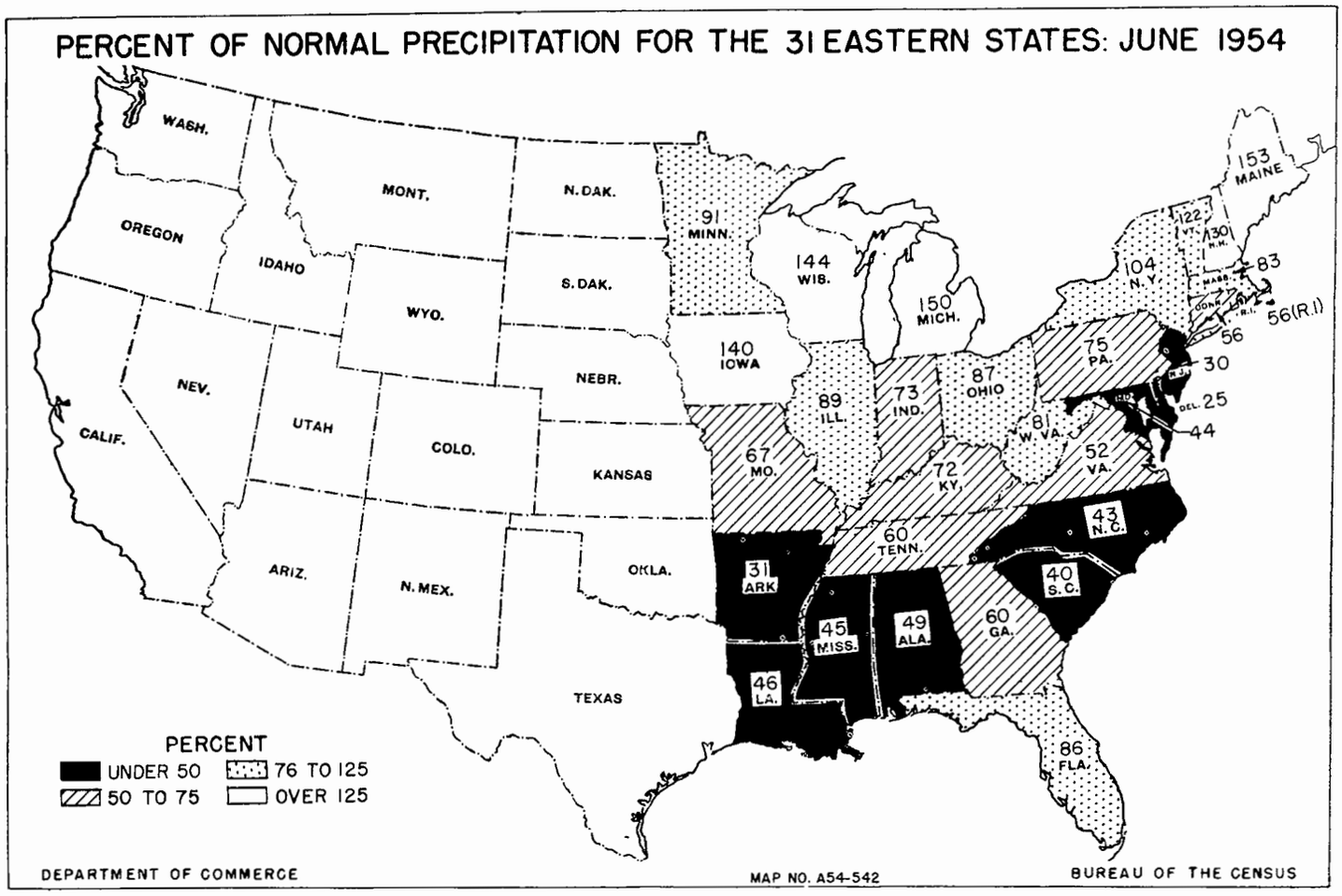



PERCENT OF NORMAL PRECIPITATION FOR THE 31 EASTERN STATES: JUNE 1955
WASH.
OREGON
CALIF.
IDAHO
NEV.
MONT.
WYO.
UTAH
ARIZ.
COLO.
N. MEX.
N. DAK.
S. DAK.
NEBR.
KANSAS
OKLA.
TEXAS
MINN. 84
IOWA 68
MO. 96
ARK. 91
LA. 84
WIS. 85
ILL. 96
MICH. 73
IND. 83
OHIO 68
KY. 103
TENN. 82
MISS. 75
ALA. 71
GA. 68
FLA. 95
S. C. 79
N. C. 82
VA. 96
W. VA. 84
PA. 90
N. Y. 62
VT. 94
N.H. 119
MAINE 79
MASS. 91
CONN. 108
R.I. 116(R.I.)
DEL. 168
MD. 137
PERCENT
UNDER 50
50 TO 75
76 TO 125
OVER 125
DEPARTMENT OF COMMERCE
MAP NO. A54-546
BUREAU OF THE CENSUS


PERCENT OF NORMAL PRECIPITATION FOR THE 31 EASTERN STATES: JULY 1955
WASH.
OREGON
CALIF.
IDAHO
NEV.
MONT.
WYO.
UTAH
ARIZ.
COLO.
N. MEX.
N. DAK.
S. DAK.
NEBR.
KANSAS
OKLA.
TEXAS
MINN. 173
IOWA 91
MO. 85
ARK. 102
LA. 162
WIS. 145
ILL. 106
MICH. 92
IND. 144
OHIO 111
KY. 100
TENN. 92
MISS. 140
ALA. 132
GA. 120
FLA. 94
S. C. 97
N. C. 94
VA. 79
W. VA. 76
PA. 58
N. Y. 58
VT. 57
N.H. 51
MAINE 59
MASS. 72
CONN. 94(R.I.)
R.I. 63
N.J. 24
DEL. 32
MD. 52
PERCENT
UNDER 50
50 TO 75
76 TO 125
OVER 125
DEPARTMENT OF COMMERCE
MAP NO. A54-547
BUREAU OF THE CENSUS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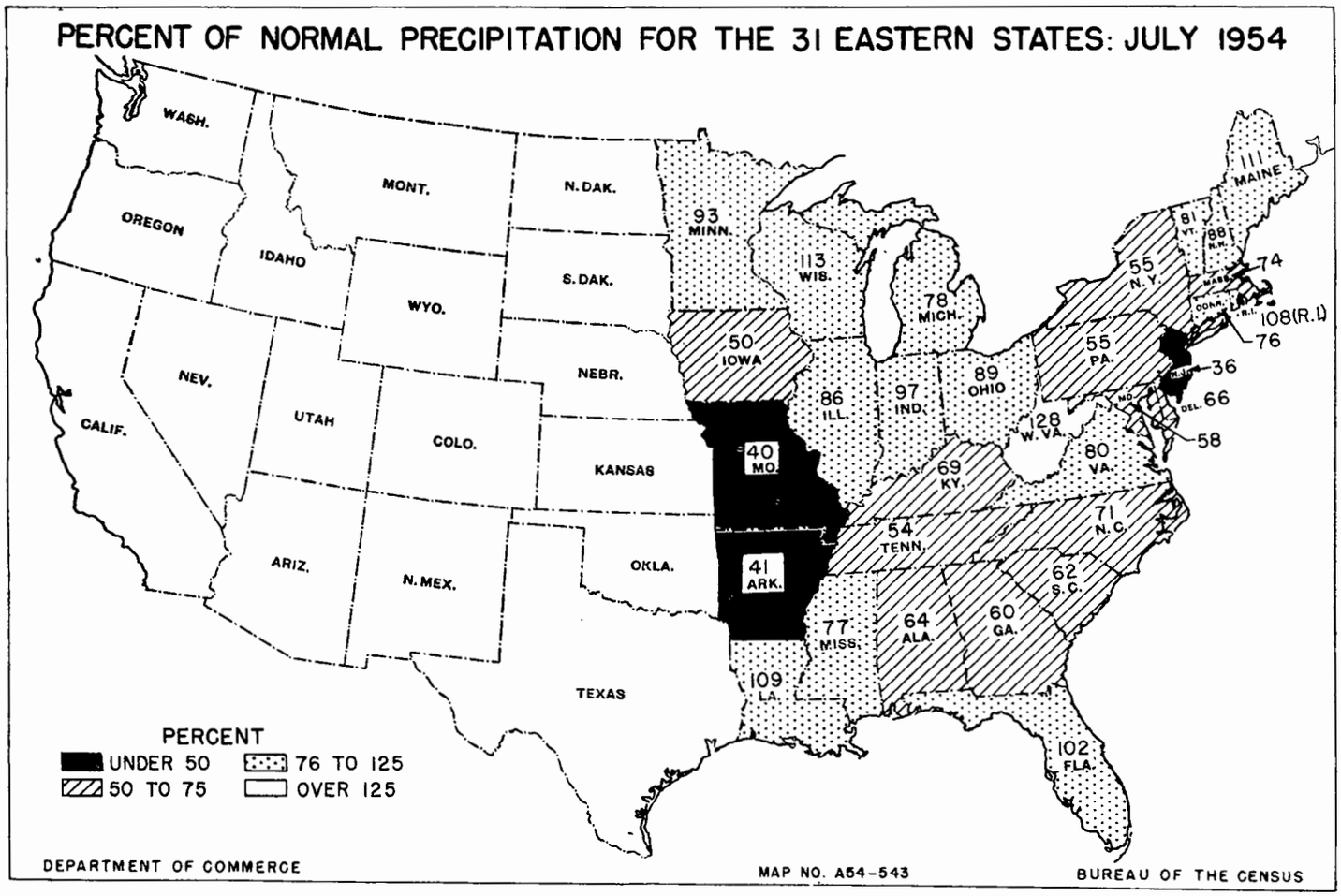
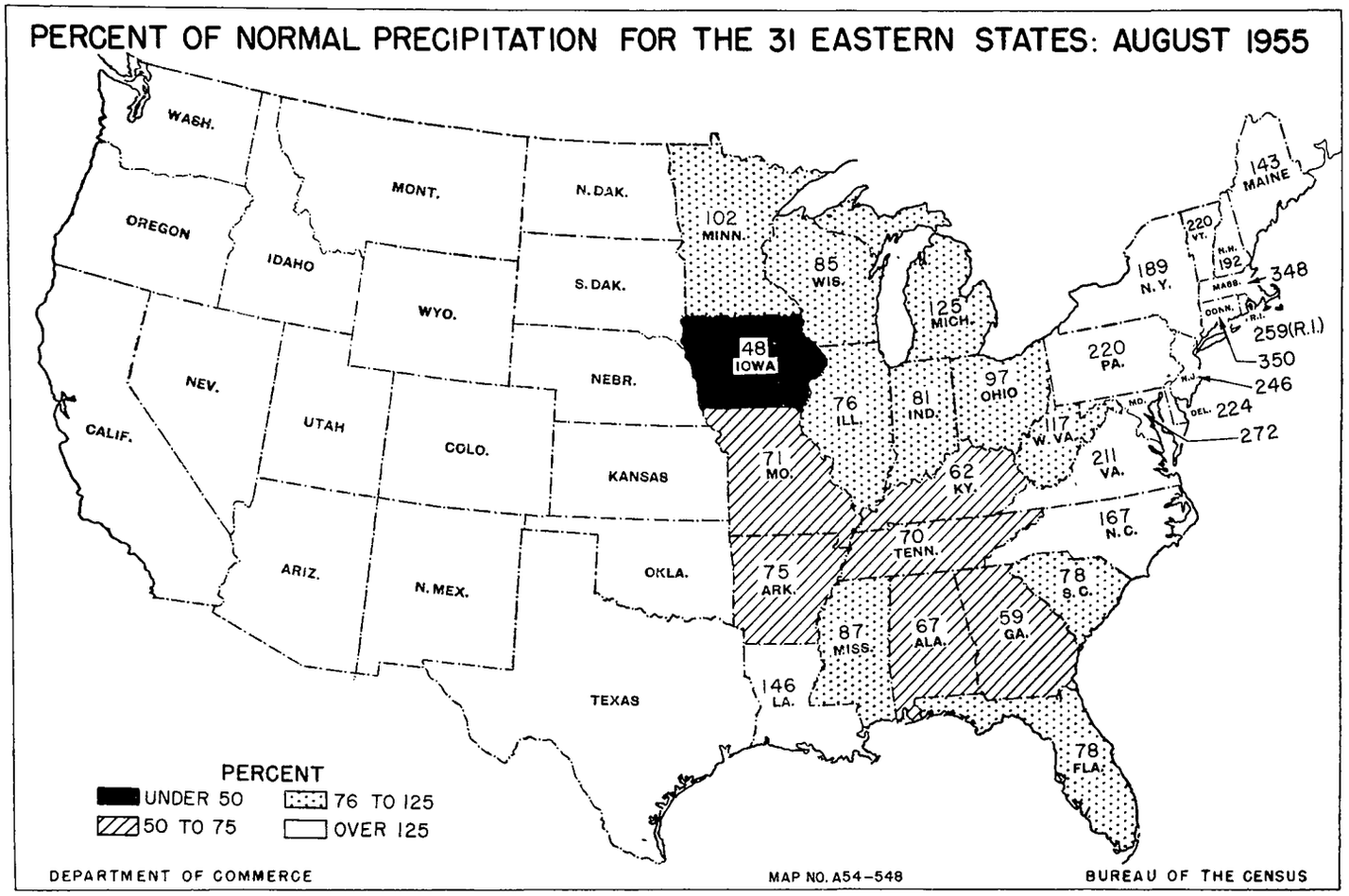
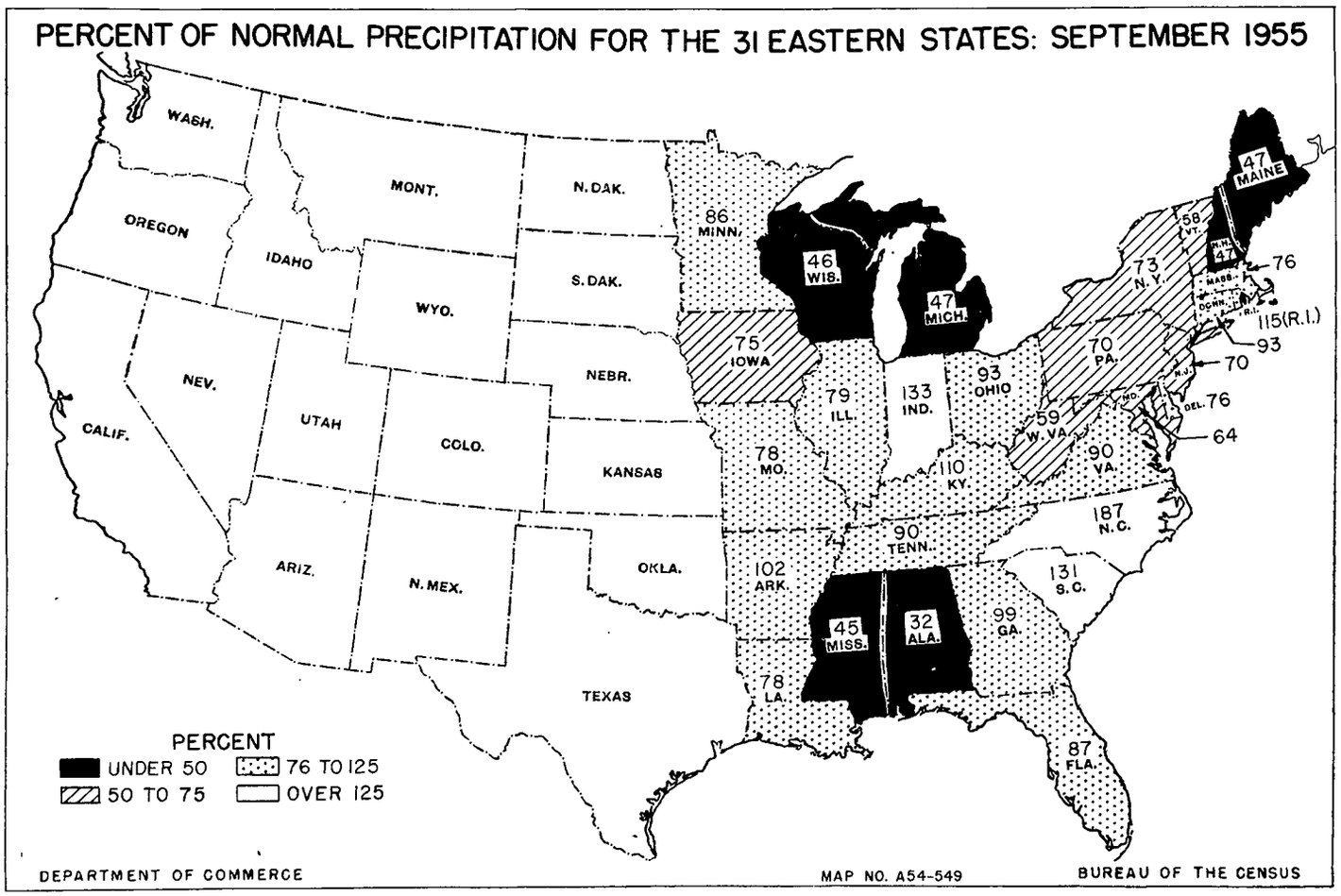
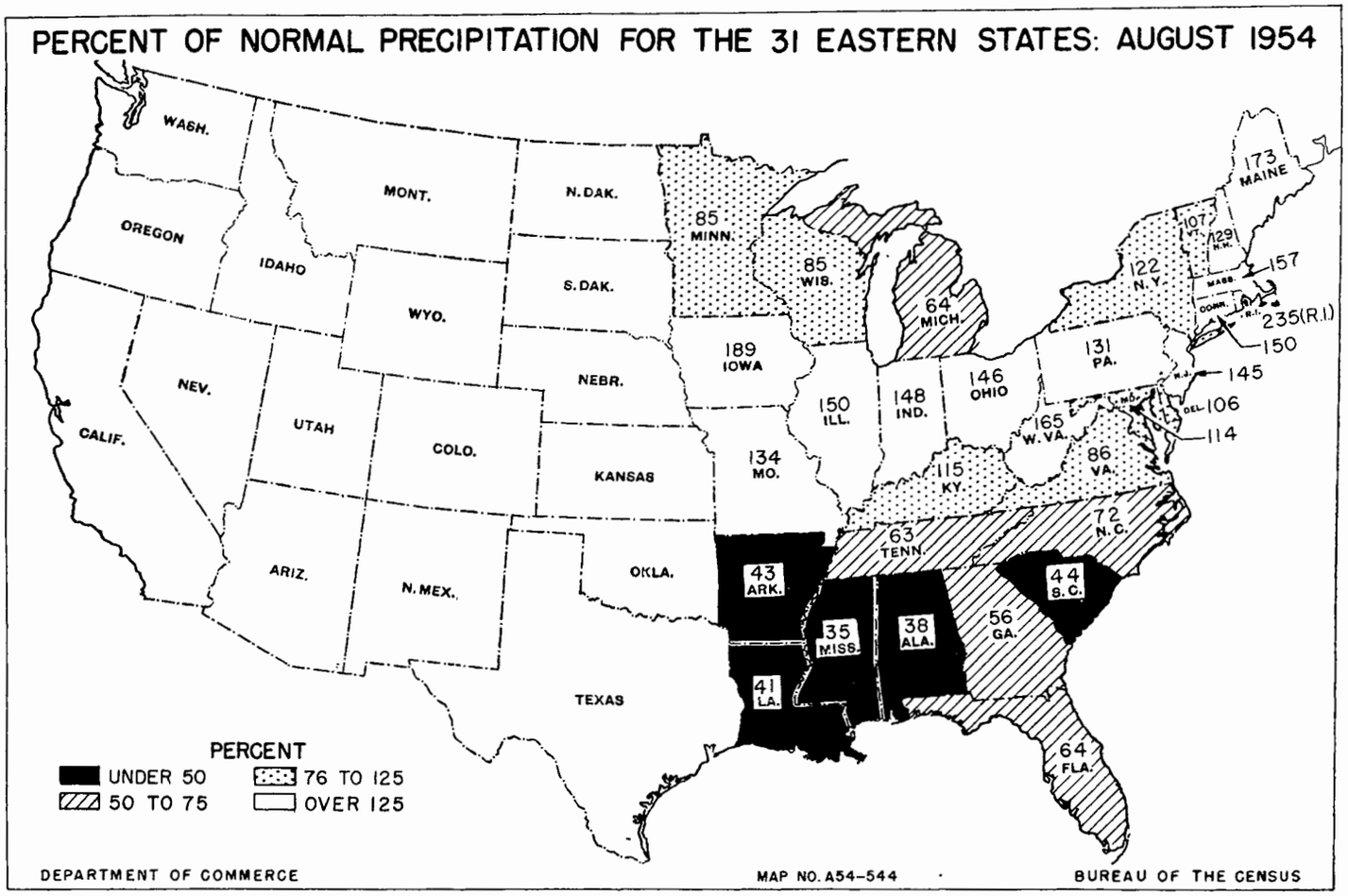
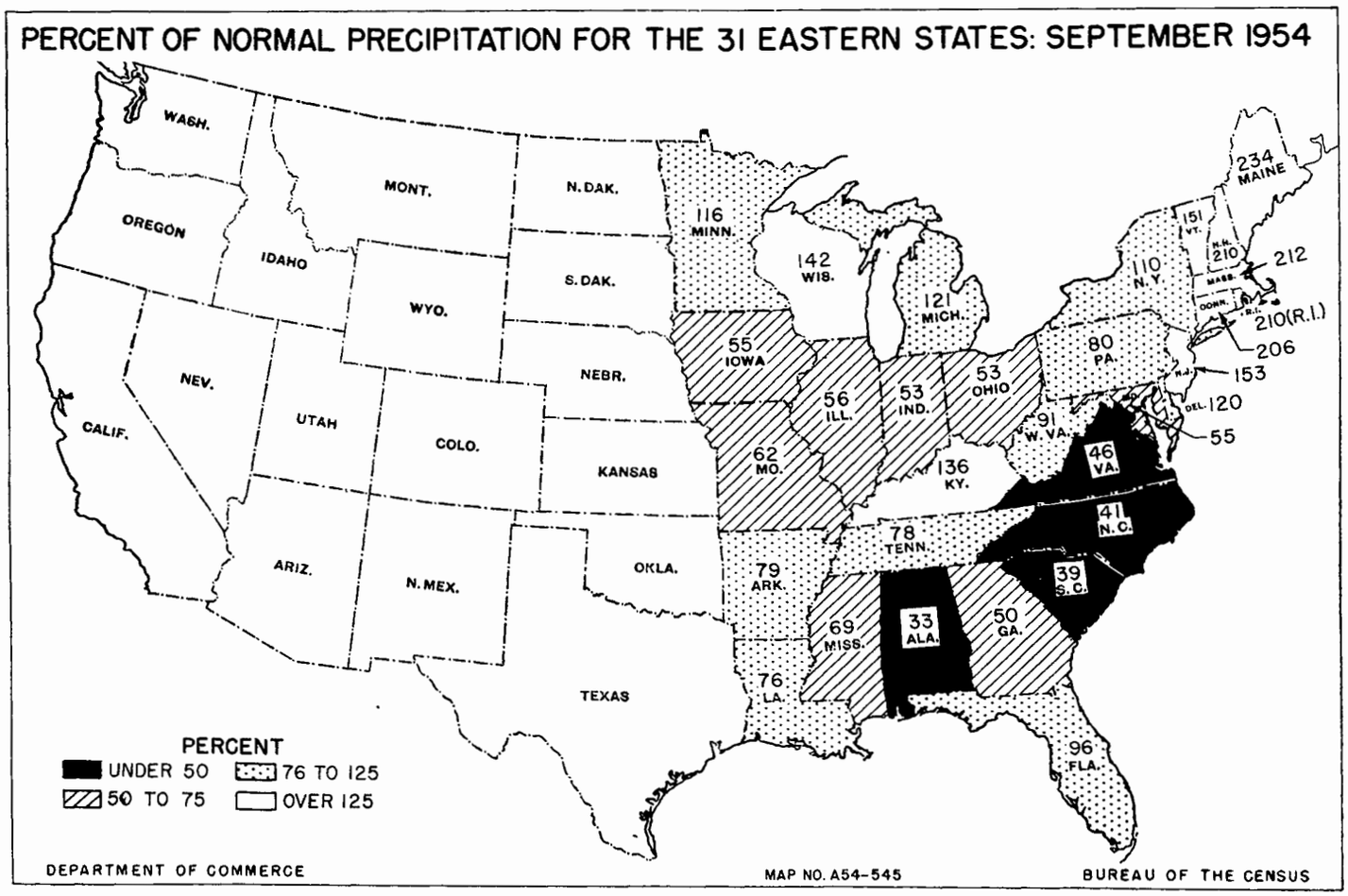
WASH.
OREGON
CALIF.
NEV.
IDAHO
MONT.
WYO.
UTAH
ARIZ.
COLO.
N. MEX.
N. DAK.
S. DAK.
NEBR.
KANSAS
OKLA.
TEXAS
MINN. 91
WIS. 144
MICH. 150
IOWA 140
ILL. 89
IND. 73
OHIO 87
KY. 72
TENN. 60
ARK. 31
MISS. 45
ALA. 49
GA. 60
FLA. 86
S.C. 40
N.C. 43
VA. 52
W. VA. 81
PA. 75
N.Y. 104
MAINE 153
VT. 122
N.H. 130
MASS. 83
CONN. 56
R.I. 56(R.I)
N.J. 30
DEL. 25
MD. 44
LA. 46
PERCENT
UNDER 50
50 TO 75
76 TO 125
OVER 125
DEPARTMENT OF COMMERCE
MAP NO. A54-542
BUREAU OF THE CENSUS


PERCENT OF NORMAL PRECIPITATION FOR THE 31 EASTERN STATES: JULY 1954
WASH.
OREGON
CALIF.
NEV.
IDAHO
MONT.
WYO.
UTAH
ARIZ.
COLO.
N. MEX.
N. DAK.
S. DAK.
NEBR.
KANSAS
OKLA.
TEXAS
MINN. 93
WIS. 113
MICH. 78
IOWA 50
ILL. 86
IND. 97
OHIO 89
KY. 69
TENN. 54
MO. 40
ARK. 41
MISS. 77
ALA. 64
GA. 60
FLA. 102
S.C. 62
N.C. 71
VA. 80
W. VA. 128
PA. 55
N.Y. 55
MAINE 111
VT. 81
N.H. 88
MASS. 74
CONN. 76
R.I. 108(R.I)
N.J. 36
DEL. 66
MD. 58
LA. 109
PERCENT
UNDER 50
50 TO 75
76 TO 125
OVER 125
DEPARTMENT OF COMMERCE
MAP NO. A54-543
BUREAU OF THE CENSUS


PERCENT OF NORMAL PRECIPITATION FOR THE 31 EASTERN STATES: AUGUST 1955
WASH.
OREGON
CALIF.
NEV.
IDAHO
MONT.
WYO.
UTAH
ARIZ.
COLO.
N. MEX.
N. DAK.
S. DAK.
NEBR.
KANSAS
OKLA.
TEXAS
MINN. 102
IOWA 48
MO. 71
ARK. 75
LA. 146
WIS. 85
ILL. 76
MICH. 125
IND. 81
OHIO 97
KY. 62
TENN. 70
MISS. 87
ALA. 67
GA. 59
FLA. 78
S. C. 78
N. C. 167
VA. 211
W. VA. 117
PA. 220
N. Y. 189
VT. 220
N. H. 192
MAINE 143
MASS. 348
CONN.
R. I.
259(R.I.)
350
N. J. 246
DEL. 224
MD. 272
PERCENT
UNDER 50
50 TO 75
76 TO 125
OVER 125
DEPARTMENT OF COMMERCE
MAP NO. A54-548
BUREAU OF THE CENSUS


PERCENT OF NORMAL PRECIPITATION FOR THE 31 EASTERN STATES: SEPTEMBER 1955
WASH.
OREGON
CALIF.
NEV.
IDAHO
MONT.
WYO.
UTAH
ARIZ.
COLO.
N. MEX.
N. DAK.
S. DAK.
NEBR.
KANSAS
OKLA.
TEXAS
MINN. 86
IOWA 75
MO. 78
ARK. 102
LA. 78
WIS. 46
MICH. 47
ILL. 79
IND. 133
OHIO 93
KY. 110
TENN. 90
MISS. 45
ALA. 32
GA. 99
FLA. 87
S. C. 131
N. C. 187
VA. 90
W. VA. 59
PA. 70
N. Y. 73
VT. 58
N. H. 47
MAINE 47
MASS. 76
CONN.
R. I. 115(R.I.)
N. J. 93
DEL. 70
MD. 76
64
PERCENT
UNDER 50
50 TO 75
76 TO 125
OVER 125
DEPARTMENT OF COMMERCE
MAP NO. A54-549
BUREAU OF THE CENSUS


PERCENT OF NORMAL PRECIPITATION FOR THE 31 EASTERN STATES: AUGUST 1954
WASH.
OREGON
CALIF.
NEV.
IDAHO
MONT.
WYO.
UTAH
ARIZ.
COLO.
N. MEX.
N. DAK.
S. DAK.
NEBR.
KANSAS
OKLA.
TEXAS
MINN. 85
WIS. 85
MICH. 64
IOWA 189
ILL. 150
IND. 148
OHIO 146
MO. 134
KY. 115
TENN. 63
ARK. 43
MISS. 35
ALA. 38
GA. 56
FLA. 64
S. C. 44
N. C. 72
VA. 86
W. VA. 165
PA. 131
N. Y. 122
MAINE 173
VT. 107
N. H. 129
MASS. 157
CONN.
R. I. 235(R.I.)
150
N. J. 145
MD.
DEL. 106
114
LA. 41
PERCENT
UNDER 50
50 TO 75
76 TO 125
OVER 125
DEPARTMENT OF COMMERCE
MAP NO. A54-544
BUREAU OF THE CENSUS


PERCENT OF NORMAL PRECIPITATION FOR THE 31 EASTERN STATES: SEPTEMBER 1954
WASH.
OREGON
CALIF.
NEV.
IDAHO
MONT.
WYO.
UTAH
ARIZ.
COLO.
N. MEX.
N. DAK.
S. DAK.
NEBR.
KANSAS
OKLA.
TEXAS
MINN. 116
WIS. 142
MICH. 121
IOWA 55
ILL. 56
IND. 53
OHIO 53
MO. 62
KY. 136
TENN. 78
ARK. 79
MISS. 69
ALA. 33
GA. 50
FLA. 96
S. C. 39
N. C. 41
VA. 46
W. VA. 91
PA. 80
N. Y. 110
MAINE 234
VT. 151
N. H. 210
212
MASS.
CONN.
R. I. 210(R.I.)
206
N. J. 153
DEL. 120
55
LA. 76
PERCENT
UNDER 50
50 TO 75
76 TO 125
OVER 125
DEPARTMENT OF COMMERCE
MAP NO. A54-545
BUREAU OF THE CENSUS

STATE TABLES

(1)

State Table 1.–FARMS REPORTING AND ACRES IRRIGATED FOR THE 1960 SURVEY OF IRRIGATION IN HUMID AREAS AS COMPARED WITH THE 1959 CENSUS OF AGRICULTURE, BY STATES

State	1959 Census of Agriculture		1960 Survey of Irrigation in Humid Areas				Farms with land irrigated in 1959 but with no land irrigated in 1960		Farms for which estimates of land irrigated were made for 1960 Survey of Irrigation in Humid Areas			
			Farms reporting land irrigated in 1960		Land irrigated in 1960				Number of farms		Estimated acres irrigated in 1960	
	Farms reporting land irrigated in 1959	Acres irrigated in 1959	Number	Percent of farms reporting land irrigated in 1959	Acres	Percent of acres irrigated in 1959	Number of farms	Land irrigated in 1959 (acres)	Total	Percent of farms with irrigation in 1960	Acres	Percent of acres irrigated in 1960
Total, 30 States....	39,101	1,798,832	29,777	76.2	1,865,178	103.6	9,086	218,304	4,600	15.4	63,145	3.4
Maine.....	138	2,214	104	75.4	2,438	110.1	57	674	5	4.8	17	0.7
New Hampshire.....	76	1,249	70	92.1	1,129	90.4	23	221	4	5.7	17	1.5
Vermont.....	72	1,612	13	18.1	598	37.1	60	1,144	5	48.5	69	11.5
Massachusetts.....	1,093	19,999	958	87.6	17,841	89.2	161	2,403	42	4.4	1,659	9.3
Rhode Island.....	34	406	26	76.5	305	75.1	...	...	1	3.8	24	7.9
Connecticut.....	205	5,171	173	84.4	4,393	85.0	24	1,358	23	13.3	391	8.9
New York.....	1,741	57,997	1,217	69.9	50,541	87.1	491	10,494	128	10.5	3,380	6.7
New Jersey.....	1,902	73,873	1,632	85.8	69,301	93.8	268	5,302	111	6.8	2,264	3.3
Pennsylvania.....	787	16,523	449	57.1	7,570	45.8	346	6,372	42	9.4	972	12.8
Ohio.....	575	11,972	450	78.3	9,153	76.5	140	2,771	30	6.7	478	5.2
Indiana.....	480	17,237	330	68.8	13,429	77.9	153	5,150	14	4.2	271	2.0
Illinois.....	332	10,127	199	59.9	6,923	68.4	124	3,997	18	9.0	597	8.6
Michigan.....	1,909	40,178	1,417	74.2	31,418	78.2	479	7,522	71	5.0	2,020	6.4
Wisconsin.....	638	31,862	479	75.1	28,239	88.6	151	4,260	22	4.6	824	2.9
Minnesota.....	387	14,991	335	86.6	12,266	81.8	88	3,117	34	10.1	982	8.0
Iowa.....	313	18,181	218	69.6	13,765	75.7	91	4,476	5	2.3	184	1.3
Missouri.....	590	29,957	409	69.3	23,512	78.5	181	6,867	34	8.3	909	3.9
Delaware.....	156	15,533	110	70.5	9,705	62.5	46	3,803	4	3.6	44	0.5
Maryland.....	328	11,174	223	68.0	8,051	72.1	94	2,094	14	6.3	260	3.2
Virginia.....	1,996	31,101	1,554	77.9	26,519	85.3	411	4,288	315	20.3	1,692	6.4
West Virginia.....	66	1,115	21	31.8	358	32.1	46	689	4	19.0	11	3.1
North Carolina.....	8,537	65,743	6,255	73.3	58,573	89.1	2,198	15,272	1,516	24.2	10,679	18.2
South Carolina.....	1,398	24,952	1,051	75.2	21,786	87.3	340	5,424	352	33.5	2,892	13.3
Georgia.....	2,194	33,700	1,817	82.8	31,792	94.3	359	4,949	320	17.6	2,849	9.0
Florida.....	4,249	413,526	3,155	74.3	413,716	100.0	1,097	65,805	530	16.8	8,865	2.1
Kentucky.....	1,130	8,605	724	64.1	6,477	75.3	415	2,563	137	18.9	934	14.4
Tennessee.....	1,005	10,979	583	58.0	9,582	87.3	419	2,833	99	17.0	515	5.4
Alabama.....	328	17,357	232	70.7	13,842	79.7	94	2,234	28	12.1	428	3.1
Mississippi.....	790	99,686	651	82.4	135,400	134.5	128	6,834	106	16.3	2,375	1.8
Arkansas.....	5,652	711,812	4,922	87.1	836,556	117.3	602	35,388	586	11.9	16,543	2.0

State Table 2.–FARMS REPORTING AND ACRES IRRIGATED BY STATES: CENSUSES OF AGRICULTURE, 1959 AND 1954, AND SURVEYS OF IRRIGATION, 1960 AND 1955

State	Censuses of 1959 and 1954				Surveys of irrigation 1960 and 1955			
	Farms reporting irrigation		Acres irrigated		Farms reporting irrigation		Acres irrigated	
	1959	1954	1959	1954	1960	1955	1960	1955[1]
Total, 30 States	39,101	33,443	1,798,832	1,873,648	29,777	NA	1,865,178	NA
Total, 28 States[2]	29,200	21,426	673,494	587,978	21,700	11,997	614,906	487,495
Maine	138	87	2,214	1,097	104	50	2,438	1,054
New Hampshire	76	61	1,249	942	70	50	1,129	956
Vermont	72	55	1,612	689	13	18	598	321
Massachusetts	1,093	1,366	19,999	22,683	958	442	17,841	9,895
Rhode Island	34	43	406	1,009	26	30	305	683
Connecticut	205	405	5,171	11,975	173	309	4,393	13,056
New York	1,741	1,675	57,997	59,024	1,217	1,231	50,541	58,474
New Jersey	1,902	1,775	73,873	58,912	1,632	1,353	69,301	57,923
Pennsylvania	787	883	16,523	17,950	449	569	7,570	17,524
Ohio	575	847	11,972	15,379	450	575	9,153	12,622
Indiana	480	443	17,237	11,738	330	262	13,429	10,357
Illinois	332	266	10,127	6,789	199	152	6,923	4,632
Michigan	1,909	1,408	40,178	23,473	1,417	1,072	31,418	23,931
Wisconsin	638	545	31,862	18,199	479	273	28,239	12,835
Minnesota	387	347	14,991	9,207	335	246	12,266	7,392
Iowa	313	132	18,181	2,396	218	95	13,765	2,838
Missouri	590	752	29,957	32,998	409	418	23,512	21,355
Delaware	156	81	15,533	5,553	110	58	9,705	6,343
Maryland	328	235	11,174	8,344	223	150	8,051	8,133
Virginia	1,996	763	31,101	21,805	1,554	426	26,519	16,465
West Virginia	66	62	1,115	1,381	21	26	358	973
North Carolina	8,537	2,704	65,743	25,423	6,255	1,197	58,573	21,350
South Carolina	1,398	748	24,952	22,009	1,051	350	21,786	16,504
Georgia	2,194	1,268	33,700	23,873	1,817	734	31,792	25,271
Florida	4,249	5,799	413,526	427,807	3,155	NA	413,716	NA
Kentucky	1,130	1,226	8,605	13,434	724	449	6,477	6,313
Tennessee	1,005	1,094	10,979	22,548	583	558	9,582	16,819
Alabama	328	452	17,357	16,658	232	266	13,842	12,641
Mississippi	790	1,703	99,686	132,490	651	638	135,400	100,835
Arkansas	5,652	6,218	711,812	857,863	4,922	NA	836,556	NA

NA Not available.
[1]Acres irrigated for 1955 represent total of the acres of individual crops irrigated. See text.
[2]Total for 28 States. Arkansas and Florida not included in humid area States in 1955.

State Table 3.–FARMS REPORTING, ACRES IRRIGATED AND CONSTRUCTED RESERVOIRS 1960 AND 1955, ACRES IRRIGATED BY SOURCE OF WATER AND METHOD OF IRRIGATION, TYPE OF POWER, AND SUPPLEMENTARY USES OF IRRIGATION, 1960: BY STATES

State	Farms reporting irrigation		Land in farms reporting irrigation 1960 (acres)	Land irrigated (acres)		Percent of total land in irrigated farms irrigated, 1960	Constructed reservoirs			Acres irrigated by source of water, 1960					
							Farms reporting		Number of reservoirs 1960	Wells			Natural streams and rivers		
	1960	1955		1960	1955		1960	1955		Farms reporting	Acres	Percent of total acres irrigated	Farms reporting	Acres	Percent of total acres irrigated
Total, 30 States..	29,777	NA	11,083,788	1,865,178	NA	16.8	15,252	NA	32,948	11,259	1,151,241	61.7	7,465	266,209	14.3
Total, 28 States[1].	21,700	11,997	5,960,185	614,906	487,495	10.3	13,458	6,140	28,666	4,528	245,086	39.9	6,651	168,761	27.4
Maine.....	104	50	23,989	2,438	1,054	10.2	81	37	172	6	180	7.4	41	1,359	55.7
New Hampshire.....	70	50	10,811	1,129	956	10.4	41	19	72	7	31	2.8	31	749	66.3
Vermont.....	13	18	5,331	598	321	11.2	7	5	12	...	...	...	11	423	70.8
Massachusetts.....	958	442	114,198	17,841	9,895	15.6	408	188	865	144	1,309	7.3	426	7,345	41.2
Rhode Island.....	26	30	4,066	305	683	7.5	16	15	22	2	2	0.6	8	81	26.6
Connecticut.....	173	309	28,181	4,393	13,056	15.6	117	188	241	24	218	5.0	91	2,516	57.3
New York.....	1,217	1,231	186,735	50,541	58,474	27.1	428	334	827	596	31,326	62.0	286	8,577	17.0
New Jersey.....	1,632	1,353	244,249	69,301	57,923	28.4	828	576	1,538	750	26,533	38.3	575	23,599	34.1
Pennsylvania.....	449	569	117,100	7,570	17,524	6.5	246	296	397	102	699	9.2	212	4,063	53.7
Ohio.....	450	575	62,579	9,153	12,622	14.6	211	229	324	178	3,170	34.6	125	3,555	38.8
Indiana.....	330	262	96,044	13,429	10,357	14.0	115	101	214	155	5,539	41.3	85	3,196	23.8
Illinois.....	199	152	50,750	6,923	4,632	13.6	67	41	152	109	3,688	53.3	35	1,147	16.5
Michigan.....	1,417	1,072	267,913	31,418	23,931	11.7	722	447	1,121	483	10,430	33.2	444	9,695	30.9
Wisconsin.....	479	273	265,040	28,239	12,835	10.7	272	99	610	147	14,468	51.3	157	4,751	16.8
Minnesota.....	335	246	66,093	12,266	7,392	18.6	65	23	85	190	6,567	53.5	81	3,477	28.3
Iowa.....	218	95	73,722	13,765	2,838	18.7	34	15	70	137	10,552	76.6	54	1,895	13.8
Missouri.....	409	418	158,914	23,512	21,355	14.8	105	115	218	218	17,631	75.0	79	3,101	13.2
Delaware.....	110	58	43,660	9,705	6,343	22.2	79	39	143	35	2,899	29.9	47	3,219	33.1
Maryland.....	223	150	76,379	8,051	8,133	10.5	160	92	510	37	756	9.4	99	3,501	43.5
Virginia.....	1,554	426	442,085	26,519	16,465	6.0	1,184	322	2,326	48	437	1.6	611	11,096	41.8
West Virginia.....	21	26	7,129	358	973	5.0	7	10	12	2	2	0.6	13	304	84.9
North Carolina.....	6,255	1,197	1,024,823	58,573	21,350	5.7	5,098	1,073	10,911	250	2,534	4.3	1,399	11,960	20.4
South Carolina.....	1,051	350	367,851	21,786	16,504	5.9	871	367	2,063	107	2,697	12.4	242	4,740	21.8
Georgia.....	1,817	734	803,298	31,792	25,271	4.0	1,404	649	3,406	194	4,091	12.9	417	9,534	30.0
Florida.....	3,155	NA	2,307,129	413,716	NA	17.9	658	NA	1,624	2,337	218,000	52.7	211	26,316	6.4
Kentucky.....	724	449	253,065	6,477	6,313	2.6	394	257	1,022	46	422	6.5	356	2,791	43.1
Tennessee.....	583	558	173,588	9,582	16,819	5.5	229	193	648	42	2,084	21.8	397	5,325	55.6
Alabama.....	232	266	189,199	13,842	12,641	7.3	115	145	254	79	2,934	21.2	112	7,816	56.4
Mississippi.....	651	638	803,393	135,400	100,835	16.9	154	265	431	440	93,887	69.3	217	28,946	21.4
Arkansas.....	4,922	NA	2,816,474	836,556	NA	29.7	1,136	NA	2,658	4,394	688,155	82.3	603	71,132	8.5

State	Acres irrigated by source of water, 1960—Continued						Acres irrigated by method of application of water, 1960							
	Irrigation or drainage organizations			Other sources			Portable pipe and sprinklers		Fixed overhead pipes		Furrows and ditches		Flooding	
	Farms reporting	Acres	Percent of total acres irrigated	Farms reporting	Acres	Percent of total acres irrigated	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres
Total, 30 States..	97	26,290	1.4	74	3,590	0.2	21,729	596,840	1,805	26,029	3,431	461,177	4,512	656,574
Total, 28 States[1].	...	...	...	70	2,917	0.5	19,366	452,851	1,236	11,796	720	64,539	1,139	81,082
Maine.....	...	...	...	...	...	...	98	2,394	3	17	5	25	1	3
New Hampshire.....	...	...	...	...	...	...	64	1,110	6	19	...	...	...	...
Vermont.....	...	...	...	...	...	...	10	456	1	30	2	62	...	...
Massachusetts.....	...	...	...	1	2	(2)	341	6,601	34	353	135	2,736	521	8,161
Rhode Island.....	...	...	...	1	20	6.6	25	290	1	3	...	...	2	10
Connecticut.....	...	...	...	...	...	...	161	4,017	16	375	...	...	...	...
New York.....	...	...	...	24	1,425	2.8	1,152	49,404	90	990	8	30	3	11
New Jersey.....	...	...	...	3	117	0.2	1,440	62,169	229	2,588	18	505	87	3,813
Pennsylvania.....	...	...	...	2	52	0.7	399	7,040	63	360	5	107	4	28
Ohio.....	...	...	...	3	4	(2)	332	8,044	144	922	4	22	3	13
Indiana.....	...	...	...	2	206	1.5	271	11,284	60	479	6	229	4	178
Illinois.....	...	...	...	...	...	...	170	5,890	21	384	11	605	4	37
Michigan.....	...	...	...	9	78	0.2	1,313	29,964	110	888	7	108	16	120
Wisconsin.....	...	...	...	6	114	0.4	356	23,888	13	78	36	1,329	86	2,980
Minnesota.....	...	...	...	5	415	3.4	314	11,779	20	233	4	129	3	110
Iowa.....	...	...	...	...	...	...	166	8,217	11	255	42	4,319	11	974
Missouri.....	...	...	...	2	37	0.2	277	13,618	54	354	46	3,706	64	5,028
Delaware.....	...	...	...	...	...	...	107	9,632	3	23	...	...	...	...
Maryland.....	...	...	...	2	67	0.8	210	7,940	14	96	2	2	2	6
Virginia.....	...	...	...	1	4	(2)	1,515	26,194	42	255	10	46	...	...
West Virginia.....	...	...	...	...	...	...	20	355	1	3	...	...	...	...
North Carolina.....	...	...	...	3	59	0.1	6,130	56,449	114	992	29	693	3	45
South Carolina.....	...	...	...	1	9	(2)	1,023	20,895	22	260	15	473	9	115
Georgia.....	...	...	...	1	3	(2)	1,754	30,544	84	723	18	457	5	22
Florida.....	79	21,135	5.1	4	673	0.2	1,740	89,271	552	12,428	741	180,375	107	13,517
Kentucky.....	...	...	...	2	288	4.4	694	6,315	29	134	12	28	...	...
Tennessee.....	...	...	...	2	17	0.2	565	8,414	8	71	15	352	11	747
Alabama.....	...	...	...	...	...	...	195	11,089	32	562	22	1,173	5	32
Mississippi.....	...	...	...	...	...	...	264	28,859	11	349	268	47,403	295	58,649
Arkansas.....	18	5,155	0.6	...	...	...	623	54,718	17	1,805	1,970	216,263	3,266	561,975

NA Not available.
[1]Total for 28 States. Arkansas and Florida not included in humid area States in 1955.
[2]Less than 0.05 percent.

State Table 3.–FARMS REPORTING, ACRES IRRIGATED AND CONSTRUCTED RESERVOIRS 1960 AND 1955, ACRES IRRIGATED BY SOURCE OF WATER AND METHOD OF IRRIGATION, TYPE OF POWER, AND SUPPLEMENTARY USES OF IRRIGATION, 1960: BY STATES–Continued

State	Acres irrigated by source of water, 1960—Continued														
	Springs and seepage			Farm runoff			Natural lakes and ponds			Drainage ditches			Municipal water supply systems		
	Farms reporting	Acres 17	Percent of total acres irrigated	Farms reporting	Acres 20	Percent of total acres irrigated	Farms reporting	Acres 23	Percent of total acres irrigated	Farms reporting	Acres 26	Percent of total acres irrigated	Farms reporting 28	Acres 29	Percent of total acres irrigated
Total, 30 States..	5,722	83,262	4.5	5,160	89,742	4.8	3,986	124,344	6.7	1,155	114,547	6.1	797	5,953	0.3
Total, 28 States[1].	5,444	74,671	12.1	4,793	48,934	8.0	3,442	53,794	8.8	683	15,011	2.4	754	5,732	0.9
Maine.....	41	453	18.6	27	203	8.3	12	102	4.2	8	37	1.5	16	104	4.3
New Hampshire.....	22	180	15.9	10	68	6.0	3	27	2.4	2	12	1.1	10	62	5.5
Vermont.....	1	100	16.7	...	...	...	1	45	7.5	...	...	...	1	30	5.0
Massachusetts.....	277	3,790	21.2	65	635	3.6	165	3,025	17.0	49	626	3.5	115	1,109	6.2
Rhode Island.....	12	111	36.4	...	...	...	1	25	8.2	...	...	...	6	66	21.6
Connecticut.....	58	979	22.3	16	124	2.8	13	325	7.4	1	7	0.1	18	224	5.1
New York.....	194	4,450	8.8	84	1,089	2.2	71	1,883	3.7	37	420	0.8	137	1,371	2.7
New Jersey.....	412	12,075	17.4	78	1,590	2.3	101	3,698	5.3	52	1,193	1.7	80	496	0.7
Pennsylvania.....	132	1,596	21.1	43	619	8.2	22	241	3.2	5	14	0.2	40	286	3.8
Ohio.....	79	1,231	13.4	57	469	5.1	22	198	2.1	17	304	3.3	72	222	2.4
Indiana.....	36	509	3.8	30	475	3.5	20	834	6.2	42	2,660	19.8	8	10	0.1
Illinois.....	16	765	11.0	31	739	10.7	7	70	1.0	15	455	6.6	15	59	0.9
Michigan.....	385	5,475	17.4	167	1,641	5.2	141	2,104	6.7	97	1,744	5.6	33	251	0.8
Wisconsin.....	135	4,291	15.2	51	744	2.6	47	1,865	6.6	48	1,952	6.9	6	54	0.2
Minnesota.....	24	365	3.0	13	207	1.7	40	966	7.9	9	220	1.8	16	49	0.4
Iowa.....	15	878	6.4	7	137	1.0	3	28	0.2	2	190	1.4	14	85	0.6
Missouri.....	19	416	1.7	46	904	3.8	18	187	0.8	11	894	3.8	69	342	1.5
Delaware.....	37	1,815	18.7	8	157	1.6	16	1,533	15.8	4	75	0.8	1	7	0.1
Maryland.....	76	1,762	21.9	35	788	9.8	19	977	12.1	9	97	1.2	15	103	1.3
Virginia.....	429	5,045	19.0	606	6,856	25.9	241	2,668	10.1	20	371	1.4	11	42	0.2
West Virginia.....	...	...	...	5	33	9.2	1	18	5.0	...	...	...	1	1	0.3
North Carolina.....	2,045	14,987	25.6	2,225	16,115	27.5	1,492	11,650	19.9	162	1,196	2.1	15	72	0.1
South Carolina.....	491	6,896	31.6	263	3,389	15.5	155	3,500	16.1	36	543	2.5	4	12	0.1
Georgia.....	357	3,766	11.8	573	6,681	21.0	519	7,351	23.1	16	81	0.3	19	285	0.9
Florida.....	231	5,362	1.3	53	2,096	0.5	421	59,647	14.4	259	80,370	19.4	40	117	(2)
Kentucky.....	48	324	5.0	188	1,611	24.9	169	905	14.0	2	23	0.4	16	113	1.7
Tennessee.....	53	733	7.6	84	884	9.2	57	357	3.7	3	153	1.6	5	29	0.3
Alabama.....	38	1,313	9.5	35	1,130	8.2	11	509	3.7	6	99	0.7	6	41	0.3
Mississippi.....	12	366	0.3	46	1,646	1.2	75	8,703	6.4	30	1,645	1.2	5	207	0.2
Arkansas.....	47	3,229	0.4	314	38,712	4.6	123	10,903	1.3	213	19,166	2.3	3	104	(2)

State	Acres irrigated by method of application of water, 1960—Continued				Farms reporting by type of power used for pumping					Farms not reporting type of power	Farms reporting supplementary uses of irrigation for—			
	Subirrigation		Other methods											
	Farms reporting	Acres	Farms reporting	Acres	Gas engines	Diesel engines	Electric motors	Tractors	No power used		Preventing frost damage	Applying fertilizer	Aid in land preparation	Other uses
Total, 30 States..	449	123,539	94	4,204	15,480	1,727	4,822	4,360	985	5,04[illegible]	3,684	2,986	2,231	692
Total, 28 States[1].	61	4,494	57	649	11,504	1,105	2,319	3,422	644	3,907	2,671	1,946	1,790	530
Maine.....	...	...	1	1	76	3	6	9	9	6	33	25	13	...
New Hampshire.....	...	...	...	...	46	2	11	3	8	4	23	14	5	4
Vermont.....	1	50	...	...	7	2	...	1	3	2	2	2	2	1
Massachusetts.....	...	...	4	6	410	8	84	20	160	332	408	56	53	52
Rhode Island.....	...	...	1	2	15	...	4	3	4	1	4	5	5	2
Connecticut.....	1	1	...	...	118	3	24	7	7	22	34	27	22	5
New York.....	7	145	7	8	694	183	172	40	86	145	173	134	142	58
New Jersey.....	3	223	6	12	1,114	61	275	67	65	180	220	258	232	39
Pennsylvania.....	2	3	5	33	243	15	116	41	25	38	80	67	48	14
Ohio.....	5	162	4	10	192	6	176	26	40	39	119	80	80	20
Indiana.....	5	1,256	2	3	167	24	95	41	6	19	66	45	51	25
Illinois.....	1	6	1	1	93	14	41	39	14	18	36	24	31	5
Michigan.....	7	339	3	6	919	31	304	153	27	82	713	443	177	39
Wisconsin.....	...	...	1	20	260	44	55	74	57	33	199	113	44	15
Minnesota.....	2	7	2	8	161	21	82	58	7	37	50	39	39	14
Iowa.....	...	...	...	...	100	16	29	62	9	12	14	26	20	6
Missouri.....	1	640	4	182	210	12	84	36	46	44	53	39	81	11
Delaware.....	1	50	...	...	78	16	12	8	...	5	9	8	18	...
Maryland.....	1	2	5	5	149	11	31	23	10	13	21	42	36	9
Virginia.....	4	18	1	6	813	78	70	339	9	302	42	56	153	23
West Virginia.....	...	...	...	...	13	1	4	...	1	2	6	1	1	2
North Carolina.....	13	542	4	18	3,076	233	109	1,493	7	1,529	153	177	210	95
South Carolina.....	2	32	2	13	501	84	64	116	6	323	24	22	51	16
Georgia.....	3	33	1	13	965	127	105	306	9	389	111	98	111	19
Florida.....	373	117,237	35	3,433	1,411	328	762	137	316	530	921	411	273	76
Kentucky.....	...	...	1	1	350	11	49	205	12	113	31	50	47	20
Tennessee.....	...	...	...	...	284	26	57	148	6	92	15	39	74	13
Alabama.....	2	985	1	1	102	22	76	21	5	27	18	34	23	9
Mississippi.....	...	...	1	300	348	51	184	83	6	98	14	22	21	14
Arkansas.....	15	1,808	2	122	2,565	294	1,741	801	25	607	92	629	168	86

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
1	Total, 30 States	29,777	11,083,788	1,865,178	16.8	1,151,241	266,209	83,262	89,742	124,344	114,547	5,953	26,290	3,590
2	Under 10 acres	2,181	11,065	6,672	60.3	2,629	1,114	619	623	943	65	667	...	12
3	1 to 9 acres irrigated	2,181	11,065	6,672	60.3	2,629	1,114	619	623	943	65	667	...	12
4	10 to 49 acres	5,923	151,316	53,585	35.4	24,129	8,347	7,118	4,288	6,449	1,352	1,756	65	81
5	1 to 9 acres irrigated	3,878	95,414	16,692	17.5	3,589	3,107	3,421	2,735	3,010	293	516	5	16
6	10 to 19 acres irrigated	1,317	31,139	16,704	53.6	7,928	2,528	2,097	1,103	1,802	401	770	60	15
7	20 to 29 acres irrigated	428	13,140	9,577	72.9	5,652	1,418	856	272	990	187	152	...	50
8	30 to 49 acres irrigated	300	11,623	10,612	91.3	6,960	1,294	744	178	647	471	318	...	...
9	50 to 69 acres	1,879	108,743	27,586	25.4	13,272	4,474	3,265	2,004	2,908	1,004	400	80	179
10	1 to 9 acres irrigated	1,057	61,163	4,659	7.6	648	884	1,065	1,041	811	121	80	...	9
11	10 to 19 acres irrigated	337	19,563	4,253	21.7	1,206	969	803	549	506	107	87	...	26
12	20 to 29 acres irrigated	154	8,767	3,474	39.6	1,549	770	420	92	311	203	68	20	41
13	30 to 49 acres irrigated	174	9,999	6,469	64.7	3,388	1,185	628	233	757	162	89	...	27
14	50 to 69 acres irrigated	157	9,251	8,731	94.4	6,481	666	349	89	523	411	76	60	76
15	70 to 99 acres	2,423	199,786	46,048	23.0	23,813	7,782	5,453	3,069	3,475	1,584	310	428	134
16	1 to 9 acres irrigated	1,248	103,200	5,714	5.5	484	1,264	1,466	1,347	970	121	45	4	13
17	10 to 19 acres irrigated	424	34,851	5,505	15.8	1,588	1,053	1,329	782	523	148	63	8	11
18	20 to 29 acres irrigated	199	16,399	4,521	27.6	2,007	1,096	639	277	309	112	81	...	...
19	30 to 49 acres irrigated	237	19,306	8,594	44.5	4,742	1,826	868	180	630	284	29	...	35
20	50 to 99 acres irrigated	315	26,030	21,714	83.4	14,992	2,543	1,151	483	1,043	919	92	416	75
21	100 to 139 acres	2,751	319,487	62,958	19.7	32,440	11,152	6,904	4,021	5,302	1,793	303	965	78
22	1 to 9 acres irrigated	1,326	153,716	6,382	4.2	568	1,470	1,392	1,569	1,263	59	44	5	12
23	10 to 19 acres irrigated	508	59,166	6,469	10.9	1,320	1,672	1,373	1,197	734	133	38	...	2
24	20 to 29 acres irrigated	212	24,574	4,787	19.5	1,898	1,095	802	372	416	99	35	46	24
25	30 to 49 acres irrigated	274	31,674	10,065	31.8	5,035	2,412	1,206	243	791	274	74	30	...
26	50 to 99 acres irrigated	287	33,350	19,056	57.1	11,644	3,532	1,306	516	1,240	407	46	365	...
27	100 to 139 acres irrigated	144	17,007	16,199	95.2	11,975	971	825	124	858	821	66	519	40
28	140 to 179 acres	2,237	352,921	62,771	17.8	33,188	10,140	8,178	3,849	4,714	1,563	465	591	83
29	1 to 9 acres irrigated	931	146,644	4,570	3.1	417	1,132	1,074	1,215	665	47	14	...	6
30	10 to 19 acres irrigated	421	66,490	5,533	8.3	846	1,254	1,220	1,265	847	86	...	15	...
31	20 to 29 acres irrigated	209	32,990	4,791	14.5	1,865	1,235	876	320	333	156	6	...	...
32	30 to 49 acres irrigated	261	41,418	9,755	23.6	4,631	2,292	1,325	587	528	285	30	...	77
33	50 to 99 acres irrigated	262	41,280	17,436	42.2	10,627	3,071	1,698	301	973	500	150	116	...
34	100 to 179 acres irrigated	153	24,099	20,686	85.8	14,802	1,156	1,985	161	1,368	489	265	460	...
35	180 to 219 acres	1,717	339,911	59,693	17.6	31,237	10,758	5,169	3,572	4,808	2,193	337	1,386	233
36	1 to 9 acres irrigated	621	122,663	3,143	2.6	250	878	632	780	558	38	7	...	...
37	10 to 19 acres irrigated	352	69,383	4,547	6.6	544	903	1,242	1,134	600	80	34	...	10
38	20 to 29 acres irrigated	160	31,620	3,636	11.5	1,313	818	569	426	331	159	...	20	...
39	30 to 49 acres irrigated	185	36,496	6,926	19.0	3,471	1,852	711	326	388	91	44	...	43
40	50 to 99 acres irrigated	222	44,088	15,146	34.4	8,967	2,909	1,234	560	842	440	79	115	...
41	100 to 199 acres irrigated	141	28,337	19,013	67.1	11,846	3,068	781	346	1,589	479	173	551	180
42	200 to 219 acres irrigated	36	7,324	7,282	99.4	4,846	330	...	...	500	906	...	700	...
43	220 to 259 acres	1,333	317,213	55,072	17.4	33,320	8,767	4,651	2,975	2,484	1,952	94	783	46
44	1 to 9 acres irrigated	429	101,917	2,155	2.1	174	551	450	513	395	46	26	...	...
45	10 to 19 acres irrigated	272	64,790	3,520	5.4	425	727	972	804	514	67	11	...	...
46	20 to 29 acres irrigated	123	29,400	2,796	9.5	772	736	581	351	224	87	45	...	...
47	30 to 49 acres irrigated	130	30,858	4,849	15.7	2,158	1,405	597	246	294	104	...	...	45
48	50 to 99 acres irrigated	201	47,698	13,555	28.4	8,188	2,550	890	686	725	503	12	...	1
49	100 to 199 acres irrigated	129	30,788	17,047	55.4	12,424	2,366	1,057	375	332	413	...	80	...
50	200 to 259 acres irrigated	49	11,762	11,150	94.8	9,179	432	104	...	...	732	...	703	...
51	260 to 499 acres	4,241	1,526,265	298,594	19.6	193,419	40,875	16,067	13,485	15,135	14,237	615	4,215	546
52	1 to 9 acres irrigated	962	335,245	4,872	1.5	552	1,293	887	1,166	915	25	26	...	8
53	10 to 19 acres irrigated	729	256,313	9,667	3.8	1,259	2,177	2,211	2,499	1,314	160	31	...	16
54	20 to 29 acres irrigated	357	127,887	8,131	6.4	1,704	2,437	1,741	1,214	796	137	56	...	46
55	30 to 49 acres irrigated	377	135,293	13,879	10.3	4,528	4,221	1,896	1,423	1,187	370	137	...	117
56	50 to 99 acres irrigated	763	273,910	52,699	19.2	32,669	9,705	4,415	1,775	2,616	1,183	157	50	129
57	100 to 199 acres irrigated	628	232,648	85,188	36.6	63,298	10,533	3,283	2,021	2,624	2,334	97	768	230
58	200 to 499 acres irrigated	425	164,969	124,158	75.3	89,409	10,509	1,634	3,387	5,683	10,028	111	3,397	...
59	500 to 999 acres	2,966	2,027,500	434,203	21.4	304,808	43,635	11,035	23,794	20,413	21,035	306	8,568	609
60	1 to 9 acres irrigated	363	241,070	1,917	0.8	292	521	307	458	300	14	25	...	...
61	10 to 19 acres irrigated	353	235,506	4,645	2.0	678	1,319	899	1,096	530	76	47	...	...
62	20 to 29 acres irrigated	237	161,846	5,498	3.4	950	1,545	1,275	901	686	127	14	...	...
63	30 to 49 acres irrigated	251	168,415	9,201	5.5	3,077	2,687	1,178	1,027	853	262	84	...	33
64	50 to 99 acres irrigated	362	239,748	25,072	10.5	13,021	6,317	1,958	1,774	1,242	606	28	...	126
65	100 to 199 acres irrigated	548	371,177	77,231	20.8	56,280	9,848	3,014	3,121	2,981	1,759	7	96	125
66	200 to 499 acres irrigated	666	471,318	196,950	41.8	154,331	15,526	2,144	9,273	6,710	6,733	101	1,807	325
67	500 to 999 acres irrigated	186	138,420	113,689	82.1	76,179	5,872	260	6,144	7,111	11,458	...	6,665	...
68	1,000 or more acres	2,126	5,729,581	757,996	13.2	458,986	119,165	14,803	28,062	57,713	67,769	700	9,209	1,589
69	1 to 9 acres irrigated	133	287,242	700	0.2	157	226	105	85	112	6	9	...	...
70	10 to 19 acres irrigated	151	258,861	2,120	0.8	429	525	441	410	264	25	10	...	16
71	20 to 29 acres irrigated	112	231,056	2,607	1.1	460	788	451	529	182	63	110	...	24
72	30 to 49 acres irrigated	174	391,804	6,466	1.7	1,263	2,644	995	834	344	271	34	...	81
73	50 to 99 acres irrigated	241	512,470	16,400	3.2	6,563	4,997	1,976	1,341	1,100	337	55	...	31
74	100 to 199 acres irrigated	293	667,452	39,799	6.0	22,758	9,027	2,068	1,411	2,931	1,577	27	...	...
75	200 to 499 acres irrigated	585	1,461,286	184,062	12.6	127,157	31,455	4,372	5,476	9,801	4,095	239	640	827
76	500 to 999 acres irrigated	279	797,698	185,458	23.2	128,687	29,193	2,086	7,324	7,303	9,369	216	670	610
77	1,000 or more acres irrigated	158	1,121,712	320,384	28.6	171,512	40,310	2,309	10,652	35,676	52,026	...	7,899	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
15,252	32,948	596,840	26,029	461,177	656,574	123,539	4,304	15,480	1,727	4,822	4,360	985	5,044	1
581	843	4,255	1,100	550	564	164	45	465	22	587	99	273	770	2
581	843	4,255	1,100	550	564	164	45	465	22	587	99	273	770	3
2,724	4,270	36,179	4,113	7,607	3,975	1,644	91	2,413	126	912	511	328	1,837	4
2,015	2,943	13,824	1,320	525	842	146	46	1,487	52	577	366	151	1,329	5
505	933	10,300	1,744	2,530	1,659	434	45	594	35	212	97	97	352	6
130	227	5,995	528	1,932	826	296	...	213	14	75	34	34	89	7
74	167	6,060	521	2,620	648	768	...	119	25	48	14	46	67	8
1,023	1,641	20,493	1,106	3,359	1,789	892	69	1,034	66	203	261	49	352	9
675	1,016	4,208	140	122	164	22	3	546	13	95	187	21	222	10
199	361	3,635	228	207	149	36	...	205	12	41	40	5	52	11
60	102	2,661	127	355	261	74	...	91	8	22	17	5	21	12
59	112	4,377	263	1,018	505	326	46	109	8	23	11	7	28	13
30	50	5,612	348	1,657	710	434	20	83	25	22	6	11	29	14
1,439	2,421	31,257	1,362	7,249	4,745	1,499	17	1,386	104	219	434	50	351	15
907	1,448	5,235	134	155	160	15	15	671	25	79	281	16	210	16
270	493	4,455	168	416	447	29	...	253	18	33	71	9	59	17
86	159	2,953	218	673	675	...	2	128	5	32	27	4	17	18
89	162	5,522	312	1,332	1,273	155	...	148	6	32	32	4	36	19
87	159	13,092	530	4,673	2,190	1,300	...	186	50	43	23	17	29	20
1,636	3,062	39,854	1,670	11,176	7,955	2,225	160	1,622	131	252	531	56	331	21
950	1,641	5,866	132	194	190	13	17	718	25	76	317	28	196	22
340	674	5,411	204	370	460	24	...	321	13	56	91	6	54	23
105	202	3,171	150	822	623	21	...	129	7	24	37	7	25	24
108	218	6,197	232	1,560	1,833	175	68	174	13	33	38	5	26	25
97	192	11,223	210	4,245	2,696	659	75	188	36	38	38	4	24	26
36	135	7,986	742	3,985	2,153	1,333	...	92	37	25	10	6	6	27
1,356	2,700	38,602	1,380	9,069	12,505	1,201	14	1,318	121	198	433	33	270	28
669	1,210	4,278	73	78	138	1	2	510	16	41	235	12	141	29
322	762	4,900	174	121	323	15	...	253	18	24	100	2	45	30
113	237	3,393	160	483	743	...	12	140	4	27	34	1	14	31
115	211	5,782	253	1,104	2,529	87	...	161	11	39	31	5	33	32
95	202	9,406	289	2,871	4,582	288	...	158	24	47	23	6	30	33
42	78	10,843	431	4,412	4,190	810	...	96	48	20	10	7	7	34
1,020	2,206	32,766	999	10,075	12,864	2,921	76	980	97	181	352	15	212	35
416	818	2,972	49	45	71	...	6	313	14	29	160	6	118	36
293	691	4,118	121	147	167	...	...	215	12	20	86	...	35	37
90	201	2,510	108	388	608	22	...	90	5	25	34	...	19	38
75	165	4,013	63	1,025	1,797	30	...	122	10	21	33	4	17	39
85	218	7,935	136	2,928	3,960	187	...	141	18	41	25	2	11	40
55	104	9,517	122	3,767	4,661	876	70	77	28	39	13	3	11	41
6	9	1,701	400	1,775	1,600	1,806	...	22	10	6	1	...	1	42
747	1,696	27,011	850	10,900	15,233	1,161	139	752	74	145	269	21	163	43
287	578	2,011	60	33	47	4	...	216	7	21	109	9	79	44
209	479	3,107	105	55	252	...	1	162	10	9	64	3	33	45
71	187	2,034	74	315	373	...	...	68	7	10	29	2	16	46
56	138	2,871	121	844	1,013	...	...	76	8	15	28	1	12	47
77	151	6,730	273	1,792	4,529	233	...	123	19	33	21	3	16	48
40	63	7,700	127	3,376	5,396	310	138	81	15	40	14	1	4	49
7	100	2,558	90	4,485	3,623	614	...	26	8	17	4	2	3	50
2,266	5,597	108,297	4,992	62,830	110,598	11,510	393	2,455	323	695	796	57	396	51
665	1,471	4,583	100	57	132	...	...	499	30	55	241	17	145	52
555	1,466	8,876	213	184	368	17	13	418	43	43	176	6	81	53
232	721	6,671	194	362	855	30	20	228	20	29	65	6	32	54
203	491	9,823	416	1,545	2,065	30	...	216	29	56	68	3	37	55
282	691	25,251	503	8,133	18,233	510	70	460	58	143	113	6	70	56
211	501	27,702	1,234	18,290	36,949	971	62	402	70	194	79	6	18	57
118	256	25,391	2,332	34,259	51,996	9,952	228	232	73	175	54	13	13	58
1,457	4,430	99,455	3,008	100,707	208,172	22,238	850	1,775	324	800	445	50	214	59
232	688	1,831	36	23	27	...	...	210	15	24	68	8	46	60
267	791	4,261	160	136	89	...	...	216	14	27	67	7	42	61
171	586	4,831	156	166	345	...	...	133	19	16	52	5	32	62
141	416	6,556	269	1,112	1,224	40	...	129	33	29	35	10	37	63
161	425	12,864	529	3,740	7,675	184	80	220	44	65	50	5	29	64
186	508	21,800	333	16,310	38,350	568	40	331	76	188	60	6	16	65
242	875	37,040	815	48,810	108,240	1,671	430	413	90	351	91	6	8	66
57	141	10,272	710	30,410	52,222	19,775	300	123	33	100	22	3	4	67
1,003	4,082	158,671	5,449	237,655	278,174	78,084	2,350	1,280	339	630	229	53	148	68
78	262	644	26	17	13	...	...	68	4	20	17	6	19	69
112	338	1,930	92	10	89	...	...	88	16	11	16	2	28	70
79	309	2,118	91	133	232	33	...	65	14	15	14	5	13	71
108	450	4,450	317	924	745	30	...	105	16	14	26	6	23	72
132	628	10,354	437	2,153	3,251	205	...	145	39	37	23	5	19	73
126	531	16,620	475	10,256	12,117	341	140	184	41	69	33	6	16	74
202	753	47,474	1,589	43,343	87,798	2,894	1,100	367	96	247	60	10	19	75
116	621	31,765	1,672	49,832	95,342	6,537	410	174	58	148	30	8	7	76
50	190	43,316	750	130,987	78,587	68,044	700	84	55	69	10	5	4	77

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State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
1	Maine, total	104	23,989	2,438	10.2	180	1,359	453	203	102	37	104	...	...
2	Under 10 acres	8	39	12	30.8	...	4	...	5	...	...	3	...	...
3	1 to 9 acres irrigated	8	39	12	30.8	...	4	...	5	...	...	3	...	...
4	10 to 49 acres	20	463	103	22.2	15	14	38	18	3	7	8	...	...
5	1 to 9 acres irrigated	18	383	73	19.1	5	14	28	13	3	2	8	...	...
6	10 to 19 acres irrigated	1	40	10	25.0	...	...	...	5	...	5	...	...	...
7	20 to 29 acres irrigated	1	40	20	50.0	10	...	10	...	...	...	...	...	...
8	50 to 69 acres	14	786	140	17.8	...	46	43	9	7	9	26	...	...
9	1 to 9 acres irrigated	8	452	34	7.5	...	...	13	4	...	4	13	...	...
10	10 to 19 acres irrigated	5	284	56	19.7	...	21	20	5	...	5	5	...	...
11	50 to 69 acres irrigated	1	50	50	100.0	...	25	10	...	7	...	8	...	...
12	70 to 99 acres	7	550	136	24.7	...	111	16	5	4	...	...	...	...
13	1 to 9 acres irrigated	2	151	5	3.3	...	...	1	...	4	...	...	...	...
14	10 to 19 acres irrigated	3	215	31	14.4	...	11	15	5	...	...	...	...	...
15	20 to 29 acres irrigated	1	85	20	23.5	...	20	...	...	...	...	...	...	...
16	50 to 99 acres irrigated	1	99	80	80.8	...	80	...	...	...	...	...	...	...
17	100 to 139 acres	12	1,423	277	19.5	...	116	79	34	25	...	23	...	...
18	1 to 9 acres irrigated	4	461	12	2.6	...	...	7	5	...	...	...	...	...
19	10 to 19 acres irrigated	4	467	45	9.6	...	10	13	14	...	...	8	...	...
20	30 to 49 acres irrigated	2	240	70	29.2	...	6	54	...	...	...	10	...	...
21	50 to 99 acres irrigated	1	135	50	37.0	...	...	5	15	25	...	5	...	...
22	100 to 139 acres irrigated	1	120	100	83.3	...	100	...	...	...	...	...	...	...
23	140 to 179 acres	8	1,187	161	13.6	25	33	51	11	...	16	25	...	...
24	1 to 9 acres irrigated	4	593	11	1.9	...	5	5	1	...	...	...	...	...
25	20 to 29 acres irrigated	2	294	40	13.6	...	10	10	10	...	10	...	...	...
26	50 to 99 acres irrigated	2	300	110	36.7	25	18	36	...	...	6	25	...	...
27	180 to 219 acres	4	805	127	15.8	...	90	15	22	...	...	...	...	...
28	1 to 9 acres irrigated	1	200	1	0.5	...	...	...	1	...	...	...	...	...
29	20 to 29 acres irrigated	1	215	21	9.8	...	...	...	21	...	...	...	...	...
30	30 to 49 acres irrigated	1	210	45	21.4	...	45	...	...	...	...	...	...	...
31	50 to 99 acres irrigated	1	180	60	33.3	...	45	15	...	...	...	...	...	...
32	220 to 259 acres	4	1,005	142	14.1	...	10	103	15	2	...	12	...	...
33	1 to 9 acres irrigated	1	250	2	0.8	...	...	...	...	2	...	...	...	...
34	10 to 19 acres irrigated	1	250	10	4.0	...	10	...	...	...	...	...	...	...
35	50 to 99 acres irrigated	2	505	130	25.7	...	...	103	15	...	...	12	...	...
36	260 to 499 acres	15	5,929	380	6.4	2	298	16	46	18	...	...	...	...
37	1 to 9 acres irrigated	4	1,455	9	0.6	2	4	1	...	2	...	...	...	...
38	10 to 19 acres irrigated	6	2,420	62	2.6	...	21	15	16	10	...	...	...	...
39	30 to 49 acres irrigated	1	400	30	7.5	...	...	...	30	...	...	...	...	...
40	50 to 99 acres irrigated	4	1,654	279	16.9	...	273	...	...	6	...	...	...	...
41	500 to 999 acres	8	5,352	860	16.1	138	589	92	18	11	5	7	...	...
42	1 to 9 acres irrigated	1	510	7	1.4	...	7	...	...	...	...	...	...	...
43	20 to 29 acres irrigated	2	1,777	45	2.5	...	25	10	10	...	...	...	...	...
44	50 to 99 acres irrigated	3	1,700	178	10.5	...	108	58	...	...	5	7	...	...
45	200 to 499 acres irrigated	2	1,365	630	46.2	138	449	24	8	11	...	...	...	...
46	1,000 or more acres	4	6,450	100	1.6	...	48	...	20	32	...	...	...	...
47	1 to 9 acres irrigated	1	1,550	5	0.3	...	5	...	...	...	...	...	...	...
48	20 to 29 acres irrigated	1	2,000	25	1.3	...	25	...	...	...	...	...	...	...
49	30 to 49 acres irrigated	2	2,900	70	2.4	...	18	...	20	32	...	...	...	...
50	New Hampshire, total	70	10,811	1,129	10.4	31	749	180	68	27	12	62	...	...
51	Under 10 acres	7	37	17	45.9	1	4	6	...	...	...	6	...	...
52	1 to 9 acres irrigated	7	37	17	45.9	1	4	6	...	...	...	6	...	...
53	10 to 49 acres	18	511	134	26.2	19	33	20	13	...	...	49	...	...
54	1 to 9 acres irrigated	12	370	49	13.2	9	8	20	3	...	...	9	...	...
55	10 to 19 acres irrigated	5	95	55	57.9	10	25	...	10	...	...	10	...	...
56	30 to 49 acres irrigated	1	46	30	65.2	...	...	...	...	...	...	30	...	...
57	50 to 69 acres	5	280	22	7.9	9	2	10	...	...	...	1	...	...
58	1 to 9 acres irrigated	5	280	22	7.9	9	2	10	...	...	...	1	...	...
59	70 to 99 acres	5	400	16	4.0	...	11	3	...	...	...	2	...	...
60	1 to 9 acres irrigated	5	400	16	4.0	...	11	3	...	...	...	2	...	...
61	100 to 139 acres	7	774	98	12.7	...	62	23	9	...	...	4	...	...
62	1 to 9 acres irrigated	4	453	16	3.5	...	2	9	1	...	...	4	...	...
63	10 to 19 acres irrigated	1	104	14	13.5	...	...	14	...	...	...	...	...	...
64	30 to 49 acres irrigated	2	217	68	31.3	...	60	...	8	...	...	...	...	...
65	140 to 179 acres	7	1,114	72	6.5	...	5	60	5	...	2	...	...	...
66	1 to 9 acres irrigated	4	629	10	1.6	...	2	5	3	...	...	...	...	...
67	10 to 19 acres irrigated	1	165	12	7.3	...	...	12	...	...	...	...	...	...
68	20 to 29 acres irrigated	1	160	20	12.5	...	...	16	2	...	2	...	...	...
69	30 to 49 acres irrigated	1	160	30	18.8	...	3	27	...	...	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
81	172	2,394	17	25	3	...	1	76	3	6	9	9	6	1
2	3	11	...	...	...	...	1	3	...	1	...	3	1	2
2	3	11	...	...	...	...	1	3	...	1	...	3	1	3
14	21	91	...	12	...	...	...	10	...	1	3	3	3	4
13	17	71	...	2	...	...	...	9	...	1	3	2	3	5
...	...	...	...	10	...	...	...	...	...	...	...	1	...	6
1	4	20	...	...	...	...	...	1	...	...	...	...	...	7
12	24	130	7	5	...	...	...	11	...	...	...	2	1	8
6	9	34	...	...	...	...	...	5	...	...	...	2	1	9
5	10	46	7	5	...	...	...	5	...	...	...	...	...	10
1	5	50	...	...	...	...	...	1	...	...	...	...	...	11
5	6	131	...	5	...	...	...	6	...	...	1	...	...	12
2	2	5	...	...	...	...	...	2	...	...	...	...	...	13
2	3	26	...	5	...	...	...	2	...	...	1	...	...	14
1	1	20	...	...	...	...	...	1	...	...	...	...	...	15
...	...	80	...	...	...	...	...	1	...	...	...	...	...	16
11	28	261	10	3	3	...	...	11	...	...	1	...	1	17
4	6	6	...	3	3	...	...	4	...	...	...	...	...	18
4	10	35	10	...	...	...	...	3	...	...	...	...	1	19
2	6	70	...	...	...	...	...	2	...	...	...	...	...	20
1	6	50	...	...	...	...	...	1	...	...	1	...	...	21
...	...	100	...	...	...	...	...	1	...	...	...	...	...	22
6	15	161	...	...	...	...	...	6	...	1	1	1	...	23
2	2	11	...	...	...	...	...	2	...	1	...	1	...	24
2	4	40	...	...	...	...	...	2	...	...	1	...	...	25
2	9	110	...	...	...	...	...	2	...	...	...	...	...	26
4	10	127	...	...	...	...	...	3	...	1	1	...	...	27
1	4	1	...	...	...	...	...	...	...	1	...	...	...	28
1	2	21	...	...	...	...	...	1	...	...	...	...	...	29
1	1	45	...	...	...	...	...	1	...	...	...	...	...	30
1	3	60	...	...	...	...	...	1	...	...	1	...	...	31
4	11	142	...	...	...	...	...	3	...	...	1	...	...	32
1	1	2	...	...	...	...	...	1	...	...	...	...	...	33
1	2	10	...	...	...	...	...	1	...	...	...	...	...	34
2	8	130	...	...	...	...	...	1	...	...	1	...	...	35
12	26	380	...	...	...	...	...	12	1	1	1	...	...	36
3	8	9	...	...	...	...	...	3	...	1	...	...	...	37
5	12	62	...	...	...	...	...	5	...	...	1	...	...	38
1	1	30	...	...	...	...	...	1	...	...	...	...	...	39
3	5	279	...	...	...	...	...	3	1	...	...	...	...	40
8	23	860	...	...	...	...	...	7	2	1	...	...	...	41
1	1	7	...	...	...	...	...	1	...	...	...	...	...	42
2	2	45	...	...	...	...	...	2	...	...	...	...	...	43
3	14	178	...	...	...	...	...	3	1	...	...	...	...	44
2	6	630	...	...	...	...	...	1	1	1	...	...	...	45
3	5	100	...	...	...	...	...	4	...	...	...	...	...	46
1	3	5	...	...	...	...	...	1	...	...	...	...	...	47
...	...	25	...	...	...	...	...	1	...	...	...	...	...	48
2	2	70	...	...	...	...	...	2	...	...	...	...	...	49
41	72	1,110	19	...	...	...	...	46	2	11	3	8	4	50
1	1	15	2	...	...	...	...	3	...	1	...	2	1	51
1	1	15	2	...	...	...	...	3	...	1	...	2	1	52
9	12	134	...	...	...	...	...	8	...	6	...	3	2	53
7	7	49	...	...	...	...	...	5	...	5	...	1	1	54
2	5	55	...	...	...	...	...	3	...	1	...	1	1	55
...	...	30	...	...	...	...	...	...	...	...	...	1	...	56
3	4	12	10	...	...	...	...	3	...	1	...	1	...	57
3	4	12	10	...	...	...	...	3	...	1	...	1	...	58
2	3	16	...	...	...	...	...	3	...	1	...	1	...	59
2	3	16	...	...	...	...	...	3	...	1	...	1	...	60
6	13	94	4	...	...	...	...	5	...	...	1	1	...	61
4	10	12	4	...	...	...	...	3	...	...	...	1	...	62
1	2	14	...	...	...	...	...	...	...	...	1	...	...	63
1	1	68	...	...	...	...	...	2	...	...	...	...	...	64
7	13	72	...	...	...	...	...	4	1	...	1	...	1	65
4	5	10	...	...	...	...	...	2	...	...	1	...	1	66
1	2	12	...	...	...	...	...	...	1	...	...	...	...	67
1	1	20	...	...	...	...	...	1	...	...	...	...	...	68
1	5	30	...	...	...	...	...	1	...	...	...	...	...	69

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	New Hampshire—Continued													
1	180 to 219 acres	4	818	163	19.9	...	151	12	...	...	...	...	...	...
2	10 to 19 acres irrigated	1	198	12	6.1	...	...	12	...	...	...	...	...	...
3	30 to 49 acres irrigated	1	200	30	15.0	...	30	...	...	...	...	...	...	...
4	50 to 99 acres irrigated	2	420	121	28.8	...	121	...	...	...	...	...	...	...
5	220 to 259 acres	4	1,000	23	2.3	...	8	...	...	15	...	...	...	...
6	1 to 9 acres irrigated	3	750	8	1.1	...	8	...	...	...	...	...	...	...
7	10 to 19 acres irrigated	1	250	15	6.0	...	...	...	...	15	...	...	...	...
8	260 to 499 acres irrigated	8	2,735	293	10.7	2	196	46	37	12	...	...	...	...
9	1 to 9 acres irrigated	4	1,323	22	1.7	2	17	1	...	2	...	...	...	...
10	10 to 19 acres irrigated	1	480	10	2.1	...	4	6	...	...	...	...	...	...
11	30 to 49 acres irrigated	1	280	40	14.3	...	30	...	...	10	...	...	...	...
12	50 to 99 acres irrigated	1	262	50	19.1	...	...	13	37	...	...	...	...	...
13	100 to 199 acres irrigated	1	390	171	43.8	...	145	26	...	...	...	...	...	...
14	500 to 999 acres	5	3,142	291	9.3	...	277	...	4	...	10	...	...	...
15	1 to 9 acres irrigated	1	825	4	0.5	...	...	...	4	...	...	...	...	...
16	10 to 19 acres irrigated	1	500	15	3.0	...	15	...	...	...	...	...	...	...
17	20 to 29 acres irrigated	1	500	20	4.0	...	20	...	...	...	...	...	...	...
18	50 to 99 acres irrigated	1	500	50	10.0	...	50	...	...	...	...	...	...	...
19	200 to 499 acres irrigated	1	817	202	24.7	...	192	...	...	...	10	...	...	...
20	Vermont, total	13	5,331	598	11.2	...	423	100	...	45	...	30	...	...
21	Under 10 acres	...	...	...	...	...	...	...	...	...	...	...	...	...
22	1 to 9 acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...	...
23	10 to 49 acres	2	53	9	17.0	...	9	...	...	...	...	...	...	...
24	1 to 9 acres irrigated	2	53	9	17.0	...	9	...	...	...	...	...	...	...
25	50 to 69 acres	1	50	40	80.0	...	40	...	...	...	...	...	...	...
26	30 to 49 acres irrigated	1	50	40	80.0	...	40	...	...	...	...	...	...	...
27	100 to 139 acres	2	243	10	4.1	...	10	...	...	...	...	...	...	...
28	1 to 9 acres irrigated	2	243	10	4.1	...	10	...	...	...	...	...	...	...
29	140 to 179 acres	1	145	30	20.7	...	...	...	...	...	...	30	...	...
30	30 to 49 acres irrigated	1	145	30	20.7	...	...	...	...	...	...	30	...	...
31	180 to 219 acres	1	200	100	50.0	...	...	100	...	...	...	...	...	...
32	100 to 199 acres irrigated	1	200	100	50.0	...	...	100	...	...	...	...	...	...
33	260 to 499 acres	2	764	19	2.5	...	19	...	...	...	...	...	...	...
34	1 to 9 acres irrigated	1	464	7	1.5	...	7	...	...	...	...	...	...	...
35	10 to 19 acres irrigated	1	300	12	4.0	...	12	...	...	...	...	...	...	...
36	500 to 999 acres	2	1,600	300	18.8	...	300	...	...	...	...	...	...	...
37	50 to 99 acres irrigated	1	900	50	5.6	...	50	...	...	...	...	...	...	...
38	200 to 499 acres irrigated	1	700	250	35.7	...	250	...	...	...	...	...	...	...
39	1,000 or more acres	2	2,276	90	4.0	...	45	...	...	45	...	...	...	...
40	30 to 49 acres irrigated	1	1,000	40	4.0	...	40	...	...	...	...	...	...	...
41	50 to 99 acres irrigated	1	1,276	50	3.9	...	5	...	...	45	...	...	...	...
42	Massachusetts, total	958	114,198	17,841	15.6	1,309	7,345	3,790	635	3,025	626	1,109	...	2
43	Under 10 acres	174	1,005	563	56.0	110	264	51	5	86	4	43	...	...
44	1 to 9 acres irrigated	174	1,005	563	56.0	110	264	51	5	86	4	43	...	...
45	10 to 49 acres	387	9,720	2,918	30.0	339	957	746	117	382	34	341	...	2
46	1 to 9 acres irrigated	264	6,353	1,053	16.6	143	393	236	42	143	11	83	...	2
47	10 to 19 acres irrigated	99	2,566	1,199	46.7	170	361	301	52	149	13	153	...	...
48	20 to 29 acres irrigated	16	479	374	78.1	26	114	109	23	70	10	22	...	...
49	30 to 49 acres irrigated	8	322	292	90.7	...	89	100	...	20	...	83	...	...
50	50 to 69 acres	80	4,562	1,120	24.6	186	296	179	23	261	40	135	...	...
51	1 to 9 acres irrigated	39	2,236	155	6.9	37	38	29	9	13	4	25	...	...
52	10 to 19 acres irrigated	19	1,077	246	22.8	33	84	81	1	11	11	25	...	...
53	20 to 29 acres irrigated	9	513	204	39.8	...	116	37	5	6	...	40	...	...
54	30 to 49 acres irrigated	10	559	355	63.5	29	48	7	...	206	20	45	...	...
55	50 to 69 acres irrigated	3	177	160	90.4	87	10	25	8	25	5	...	...	...
56	70 to 99 acres	80	6,499	1,419	21.8	82	464	304	87	340	49	93	...	...
57	1 to 9 acres irrigated	34	2,723	153	5.6	7	53	49	22	1	14	7	...	...
58	10 to 19 acres irrigated	21	1,664	258	15.5	24	68	99	26	26	15	...	...	...
59	20 to 29 acres irrigated	8	682	187	27.4	...	76	29	...	66	...	16	...	...
60	30 to 49 acres irrigated	9	740	331	44.7	41	114	39	...	107	15	15	...	...
61	50 to 99 acres irrigated	8	690	490	71.0	10	153	88	39	140	5	55	...	...
62	100 to 139 acres	85	9,688	1,736	17.9	186	268	484	76	378	229	115	...	...
63	1 to 9 acres irrigated	32	3,611	150	4.2	9	51	41	2	28	4	15	...	...
64	10 to 19 acres irrigated	24	2,782	307	11.0	37	108	83	19	54	3	3	...	...
65	20 to 29 acres irrigated	13	1,450	303	20.9	22	57	85	38	86	15	...	...	...
66	30 to 49 acres irrigated	7	752	238	31.6	30	28	55	17	50	30	28	...	...
67	50 to 99 acres irrigated	7	828	473	57.1	88	24	185	...	110	47	19	...	...
68	100 to 139 acres irrigated	2	265	265	100.0	...	...	35	...	50	130	50	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
3	4	163	...	...	...	...	...	4	...	...	...	...	...	1
1	1	12	...	...	...	...	...	1	...	...	...	...	...	2
...	...	30	...	...	...	...	...	1	...	...	...	...	...	3
2	3	121	...	...	...	...	...	2	...	...	...	...	...	4
1	1	20	3	...	...	...	...	3	...	1	...	...	...	5
1	1	5	3	...	...	...	...	2	...	1	...	...	...	6
...	...	15	...	...	...	...	...	1	...	...	...	...	...	7
5	12	293	...	...	...	...	...	8	...	1	1	...	...	8
2	5	22	...	...	...	...	...	4	...	1	...	...	...	9
1	2	10	...	...	...	...	...	1	...	...	...	...	...	10
...	...	40	...	...	...	...	...	1	...	...	...	...	...	11
1	4	50	...	...	...	...	...	1	...	...	...	...	...	12
1	1	171	...	...	...	...	...	1	...	...	1	...	...	13
4	9	291	...	...	...	...	...	5	1	...	...	...	...	14
1	3	4	...	...	...	...	...	1	...	...	...	...	...	15
1	2	15	...	...	...	...	...	1	...	...	...	...	...	16
...	...	20	...	...	...	...	...	1	...	...	...	...	...	17
1	1	50	...	...	...	...	...	1	...	...	...	...	...	18
1	3	202	...	...	...	...	...	1	1	...	...	...	...	19
7	12	456	30	62	...	50	...	7	2	...	1	3	2	20
...	...	...	...	...	...	...	...	...	...	...	...	...	...	21
...	...	...	...	...	...	...	...	...	...	...	...	...	...	22
...	...	9	...	...	...	...	...	1	...	...	...	...	1	23
...	...	9	...	...	...	...	...	1	...	...	...	...	1	24
...	...	40	...	...	...	...	...	1	...	...	...	...	...	25
...	...	40	...	...	...	...	...	1	...	...	...	...	...	26
2	2	10	...	...	...	...	...	2	...	...	...	...	...	27
2	2	10	...	...	...	...	...	2	...	...	...	...	...	28
...	...	...	30	...	...	...	...	...	...	...	...	1	...	29
...	...	...	30	...	...	...	...	...	...	...	...	1	...	30
1	2	...	...	50	...	50	...	...	...	...	...	1	...	31
1	2	...	...	50	...	50	...	...	...	...	...	1	...	32
1	1	7	...	12	...	...	...	1	...	...	...	1	...	33
1	1	7	...	...	...	...	...	1	...	...	...	...	...	34
...	...	...	...	12	...	...	...	...	...	...	...	1	...	35
2	5	300	...	...	...	...	...	1	1	...	...	...	1	36
1	1	50	...	...	...	...	...	...	...	...	...	...	1	37
1	4	250	...	...	...	...	...	1	1	...	...	...	...	38
1	2	90	...	...	...	...	...	1	1	...	1	...	...	39
...	...	40	...	...	...	...	...	1	...	...	1	...	...	40
1	2	50	...	...	...	...	...	...	1	...	...	...	...	41
408	865	6,601	353	2,736	8,161	...	6	410	8	84	20	160	332	42
24	27	71	9	64	416	...	3	36	...	8	2	34	96	43
24	27	71	9	64	416	...	3	36	...	8	2	34	96	44
147	218	1,169	143	268	1,335	...	3	157	1	26	6	68	140	45
83	100	294	29	112	615	...	3	91	...	17	3	49	109	46
49	96	546	50	114	489	...	...	52	...	8	3	16	25	47
10	14	153	13	42	166	...	...	11	...	1	...	2	3	48
5	8	176	51	...	65	...	...	3	1	...	...	1	3	49
37	69	615	5	161	339	...	...	41	...	5	3	12	24	50
15	27	48	5	10	92	...	...	14	...	2	...	7	17	51
12	24	187	...	16	43	...	...	11	...	2	2	3	3	52
3	5	136	...	...	68	...	...	6	...	...	1	1	2	53
6	11	244	...	70	41	...	...	9	...	1	...	...	1	54
1	2	...	...	65	95	...	...	1	...	...	...	1	1	55
46	80	679	66	154	530	...	...	43	1	7	3	11	22	56
18	24	39	2	28	84	...	...	13	...	1	1	7	13	57
16	29	87	...	41	140	...	...	11	1	...	1	3	6	58
4	7	67	1	20	99	...	...	5	...	3	1	...	1	59
5	12	231	5	65	30	...	...	6	...	1	...	1	2	60
3	8	255	58	...	177	...	...	8	...	2	...	...	...	61
53	113	938	36	318	444	...	...	48	2	13	2	11	17	62
14	21	66	1	16	67	...	...	14	...	1	1	6	10	63
16	31	126	...	41	140	...	...	15	...	6	...	2	3	64
10	19	99	...	89	115	...	...	8	...	2	...	2	2	65
5	11	176	...	...	62	...	...	4	...	1	...	1	1	66
6	27	336	35	42	60	...	...	6	2	2	1	...	...	67
2	4	135	...	130	...	...	...	1	...	1	...	...	1	68

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Massachusetts—Continued													
1	140 to 179 acres	31	4,779	809	16.9	51	278	175	...	165	...	140	...	...
2	1 to 9 acres irrigated	11	1,647	42	2.6	8	23	9	...	2	...	...	...	...
3	10 to 19 acres irrigated	7	1,104	103	9.3	28	48	19	...	8	...	...	...	...
4	20 to 29 acres irrigated	2	318	43	13.5	...	20	12	...	11	...	...	...	...
5	30 to 49 acres irrigated	6	934	216	23.1	...	87	69	...	60	...	...	...	...
6	50 to 99 acres irrigated	4	636	265	41.7	15	100	66	...	84	...	...	...	...
7	100 to 179 acres irrigated	1	140	140	100.0	...	...	...	...	...	...	140	...	...
8	180 to 219 acres	29	5,703	1,221	21.4	84	644	66	118	135	135	39	...	...
9	1 to 9 acres irrigated	8	1,555	35	2.3	...	11	17	...	6	...	1	...	...
10	10 to 19 acres irrigated	3	582	37	6.4	11	5	16	5	...	...	...	...	...
11	20 to 29 acres irrigated	3	601	73	12.1	...	42	21	...	10	...	...	...	...
12	30 to 49 acres irrigated	4	790	142	18.0	23	45	...	39	5	30	...	...	...
13	50 to 99 acres irrigated	8	1,595	519	32.5	50	242	12	74	45	71	25	...	...
14	100 to 199 acres irrigated	3	580	415	71.6	...	299	...	...	69	34	13	...	...
15	220 to 259 acres	24	5,735	459	8.0	20	115	119	21	81	40	63	...	...
16	1 to 9 acres irrigated	4	1,010	26	2.6	...	...	16	2	...	...	8	...	...
17	10 to 19 acres irrigated	7	1,658	98	5.9	...	32	20	16	20	...	10	...	...
18	20 to 29 acres irrigated	10	2,383	219	9.2	20	42	61	...	51	...	45	...	...
19	30 to 49 acres irrigated	3	684	116	17.0	...	41	22	3	10	40	...	...	...
20	260 to 499 acres	40	13,655	2,125	15.6	208	936	434	84	301	62	100	...	...
21	1 to 9 acres irrigated	9	3,215	46	1.4	...	11	27	...	5	...	3	...	...
22	10 to 19 acres irrigated	4	1,120	47	4.2	...	25	8	...	14	...	...	...	...
23	20 to 29 acres irrigated	5	1,476	122	8.3	...	95	22	5	...	...	...	...	...
24	30 to 49 acres irrigated	3	1,043	114	10.9	...	48	36	...	30	...	...	...	...
25	50 to 99 acres irrigated	14	5,218	917	17.6	49	420	265	29	100	29	25	...	...
26	100 to 199 acres irrigated	4	1,258	554	44.0	159	45	76	50	152	...	72	...	...
27	200 to 499 acres irrigated	1	325	325	100.0	...	292	...	...	...	33	...	...	...
28	500 to 999 acres	15	9,582	1,105	11.5	1	627	55	49	343	...	30	...	...
29	1 to 9 acres irrigated	3	2,295	9	0.4	1	1	1	...	...	...	6	...	...
30	10 to 19 acres irrigated	2	1,063	20	1.9	...	10	...	...	...	...	10	...	...
31	20 to 29 acres irrigated	1	943	22	2.3	...	...	4	4	...	...	14	...	...
32	30 to 49 acres irrigated	2	1,165	68	5.8	...	66	2	...	...	...	...	...	...
33	50 to 99 acres irrigated	3	2,020	221	10.9	...	83	48	45	45	...	...	...	...
34	100 to 199 acres irrigated	3	1,500	495	33.0	...	467	...	...	28	...	...	...	...
35	200 to 499 acres irrigated	1	596	270	45.3	...	...	...	...	270	...	...	...	...
36	1,000 or more acres	13	43,270	4,366	10.1	42	2,496	1,177	55	553	33	10	...	...
37	10 to 19 acres irrigated	1	1,100	10	0.9	...	...	...	...	...	...	10	...	...
38	30 to 49 acres irrigated	3	5,072	115	2.3	42	40	...	...	...	33	...	...	...
39	50 to 99 acres irrigated	2	2,200	169	7.7	...	59	8	55	47	...	...	...	...
40	100 to 199 acres irrigated	2	2,500	310	12.4	...	...	294	...	16	...	...	...	...
41	200 to 499 acres irrigated	1	1,800	210	11.7	...	210	...	...	...	...	...	...	...
42	500 to 999 acres irrigated	3	20,598	2,152	10.4	...	1,627	385	...	140	...	...	...	...
43	1,000 or more acres irrigated	1	10,000	1,400	14.0	...	560	490	...	350	...	...	...	...
44	Rhode Island, total	26	4,066	305	7.5	2	81	111	...	25	...	66	...	20
45	Under 10 acres	3	12	9	75.0	...	...	2	...	...	...	7	...	...
46	1 to 9 acres irrigated	3	12	9	75.0	...	...	2	...	...	...	7	...	...
47	10 to 49 acres	12	358	152	42.5	...	33	94	...	...	...	5	...	20
48	1 to 9 acres irrigated	4	125	24	19.2	...	8	16	...	...	...	...	...	...
49	10 to 19 acres irrigated	5	146	59	40.4	...	5	54	...	...	...	...	...	...
50	20 to 29 acres irrigated	3	87	69	79.3	...	20	24	...	...	...	5	...	20
51	50 to 69 acres	4	231	51	22.1	1	25	...	...	25	...	...	...	...
52	1 to 9 acres irrigated	2	115	5	4.3	1	4	...	...	...	...	...	...	...
53	20 to 29 acres irrigated	2	116	46	39.7	...	21	...	...	25	...	...	...	...
54	70 to 99 acres	2	160	50	31.3	...	15	10	...	...	...	25	...	...
55	20 to 29 acres irrigated	2	160	50	31.3	...	15	10	...	...	...	25	...	...
56	100 to 139 acres	1	105	5	4.8	...	...	5	...	...	...	...	...	...
57	1 to 9 acres irrigated	1	105	5	4.8	...	...	5	...	...	...	...	...	...
58	140 to 179 acres	1	170	1	0.6	...	1	...	...	...	...	...	...	...
59	1 to 9 acres irrigated	1	170	1	0.6	...	1	...	...	...	...	...	...	...
60	180 to 219 acres	1	180	8	4.4	1	7	...	...	...	...	...	...	...
61	1 to 9 acres irrigated	1	180	8	4.4	1	7	...	...	...	...	...	...	...
62	260 to 499 acres	1	370	5	1.4	...	...	...	...	...	...	5	...	...
63	1 to 9 acres irrigated	1	370	5	1.4	...	...	...	...	...	...	5	...	...
64	1,000 or more acres	1	2,480	24	1.0	...	...	...	...	...	...	24	...	...
65	20 to 29 acres irrigated	1	2,480	24	1.0	...	...	...	...	...	...	24	...	...
66	Connecticut, total	173	28,181	4,393	15.6	218	2,516	979	124	325	7	224	...	...
67	Under 10 acres	11	47	22	46.8	5	3	3	3	...	...	8	...	...
68	1 to 9 acres irrigated	11	47	22	46.8	5	3	3	3	...	...	8	...	...
69	10 to 49 acres	56	1,458	526	36.1	70	302	102	5	30	...	17	...	...
70	1 to 9 acres irrigated	32	803	126	15.7	26	40	37	1	5	...	17	...	...
71	10 to 19 acres irrigated	14	325	157	48.3	34	83	21	4	15	...	...	...	...
72	20 to 29 acres irrigated	9	289	202	69.9	10	138	44	...	10	...	...	...	...
73	30 to 49 acres irrigated	1	41	41	100.0	...	41	...	...	...	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
16	33	341	...	227	241	...	...	14	...	3	2	4	12	1
5	9	5	...	4	33	...	...	3	...	...	...	2	6	2
2	5	22	...	15	66	...	...	3	...	1	1	1	2	3
2	3	25	...	...	18	...	...	2	...	1	...	...	...	4
5	10	66	...	109	41	...	...	4	...	...	1	1	1	5
2	6	83	...	99	83	...	...	2	...	1	...	...	2	6
...	...	140	...	...	...	...	...	...	...	...	...	...	1	7
19	48	458	...	441	328	...	...	19	2	8	1	1	5	8
3	4	24	...	...	11	...	...	4	...	...	1	...	3	9
2	4	10	...	6	27	...	...	2	...	...	...	...	1	10
3	9	...	...	14	59	...	...	2	...	3	...	...	...	11
3	8	60	...	61	21	...	...	3	1	2	...	...	...	12
6	11	214	...	205	100	...	...	5	1	2	...	1	1	13
2	12	150	...	155	110	...	...	3	...	1	...	...	...	14
18	40	143	...	122	194	...	...	14	...	2	...	4	6	15
4	7	26	...	...	...	...	...	4	...	...	...	...	...	16
4	7	46	...	9	43	...	...	4	...	...	...	2	1	17
8	19	71	...	53	95	...	...	4	...	1	...	2	4	18
2	7	...	...	60	56	...	...	2	...	1	...	...	1	19
31	98	873	92	255	905	...	...	23	1	6	1	7	7	20
7	15	14	...	4	28	...	...	4	...	...	1	4	...	21
2	3	11	2	...	34	...	...	1	...	...	...	1	2	22
4	17	...	...	...	122	...	...	3	...	...	...	1	1	23
1	4	...	...	36	78	...	...	1	...	2	...	...	1	24
13	47	433	...	215	269	...	...	10	1	3	...	1	2	25
3	9	90	90	...	374	...	...	3	...	1	...	...	1	26
1	3	325	...	...	...	...	...	1	...	...	...	...	...	27
10	42	367	...	207	531	...	...	7	1	3	...	7	...	28
1	2	7	...	2	...	...	...	...	...	...	...	3	...	29
1	5	20	...	...	...	...	...	1	...	...	...	1	...	30
1	5	22	...	...	...	...	...	1	...	...	...	...	...	31
2	8	...	...	30	38	...	...	...	...	...	...	2	...	32
2	4	35	...	75	111	...	...	2	...	...	...	1	...	33
3	18	13	...	100	382	...	...	3	...	3	...	...	...	34
...	...	270	...	...	...	...	...	...	1	...	...	...	...	35
7	97	947	2	519	2,898	...	...	8	...	3	...	1	3	36
...	...	10	...	...	...	...	...	...	...	...	...	1	...	37
...	...	42	...	...	73	...	...	1	...	1	...	...	1	38
2	31	...	...	169	...	...	...	2	...	...	...	...	...	39
2	9	175	...	...	135	...	...	2	...	...	...	...	...	40
1	3	...	...	...	210	...	...	1	...	1	...	...	...	41
1	30	700	...	350	1,102	...	...	1	...	1	...	...	2	42
1	24	20	2	...	1,378	...	...	1	...	...	...	...	...	43
16	22	290	3	...	10	...	2	15	...	4	3	4	1	44
1	1	4	3	...	...	...	2	1	...	...	...	2	...	45
1	1	4	3	...	...	...	2	1	...	...	...	2	...	46
10	14	152	...	...	...	...	...	9	...	...	2	...	1	47
3	4	24	...	...	...	...	...	2	...	...	2	...	...	48
5	6	59	...	...	...	...	...	5	...	...	...	...	...	49
2	4	69	...	...	...	...	...	2	...	...	...	...	1	50
1	1	41	...	...	10	...	...	3	...	1	1	...	...	51
...	...	5	...	...	...	...	...	1	...	1	...	...	...	52
1	1	36	...	...	10	...	...	2	...	...	1	...	...	53
2	3	50	...	...	...	...	...	1	...	...	...	1	...	54
2	3	50	...	...	...	...	...	1	...	...	...	1	...	55
1	1	5	...	...	...	...	...	1	...	...	...	...	...	56
1	1	5	...	...	...	...	...	1	...	...	...	...	...	57
...	...	1	...	...	...	...	...	...	...	1	...	...	...	58
...	...	1	...	...	...	...	...	...	...	1	...	...	...	59
1	2	8	...	...	...	...	...	...	...	1	...	...	...	60
1	2	8	...	...	...	...	...	...	...	1	...	...	...	61
...	...	5	...	...	...	...	...	...	...	1	...	...	...	62
...	...	5	...	...	...	...	...	...	...	1	...	...	...	63
...	...	24	...	...	...	...	...	...	...	...	...	1	...	64
...	...	24	...	...	...	...	...	...	...	...	...	1	...	65
117	241	4,017	375	...	...	1	...	118	3	24	7	7	22	66
4	5	19	2	...	...	1	...	1	...	7	...	1	2	67
4	5	19	2	...	...	1	...	1	...	7	...	1	2	68
36	50	486	40	...	...	...	...	34	...	8	2	4	10	69
19	25	122	4	...	...	...	...	16	...	6	2	4	4	70
10	13	149	8	...	...	...	...	12	...	1	...	...	2	71
7	12	174	28	...	...	...	...	6	...	1	...	...	3	72
...	...	41	...	...	...	...	...	...	...	...	...	...	1	73

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Connecticut—Continued													
1	50 to 69 acres	25	1,391	372	26.7	43	118	130	8	16	7	50	...	...
2	1 to 9 acres irrigated	12	660	44	6.7	3	14	21	...	6	...	...	...	...
3	10 to 19 acres irrigated	6	329	69	21.0	...	44	15	...	10	...	...	...	...
4	20 to 29 acres irrigated	1	50	26	52.0	7	...	19	...	...	...	...	...	...
5	30 to 49 acres irrigated	5	285	183	64.2	33	60	75	8	...	7	...	...	...
6	50 to 69 acres irrigated	1	67	50	74.6	...	...	...	...	...	...	50	...	...
7	70 to 99 acres	17	1,317	377	28.6	1	145	104	29	80	...	18	...	...
8	1 to 9 acres irrigated	4	297	16	5.4	1	12	2	1	...	...	...	...	...
9	10 to 19 acres irrigated	5	401	67	16.7	...	28	39	...	...	...	...	...	...
10	20 to 29 acres irrigated	2	158	47	29.7	...	47	...	...	...	...	...	...	...
11	30 to 49 acres irrigated	4	319	130	40.8	...	50	48	28	...	...	4	...	...
12	50 to 99 acres irrigated	2	142	117	82.4	...	8	15	...	80	...	14	...	...
13	100 to 139 acres	19	2,145	501	23.4	5	296	62	43	93	...	2	...	...
14	1 to 9 acres irrigated	6	610	20	3.3	5	...	8	5	...	...	2	...	...
15	10 to 19 acres irrigated	2	225	20	8.9	...	...	10	10	...	...	...	...	...
16	20 to 29 acres irrigated	3	327	64	19.6	...	34	2	8	20	...	...	...	...
17	30 to 49 acres irrigated	5	611	182	29.8	...	140	22	...	20	...	...	...	...
18	50 to 99 acres irrigated	3	372	215	57.8	...	122	20	20	53	...	...	...	...
19	140 to 179 acres	6	927	203	21.9	...	40	163	...	...	...	...	...	...
20	1 to 9 acres irrigated	3	459	13	2.8	...	10	3	...	...	...	...	...	...
21	30 to 49 acres irrigated	1	168	40	23.8	...	20	20	...	...	...	...	...	...
22	50 to 99 acres irrigated	1	150	50	33.3	...	10	40	...	...	...	...	...	...
23	100 to 179 acres irrigated	1	150	100	66.7	...	...	100	...	...	...	...	...	...
24	180 to 219 acres	8	1,543	304	19.7	...	178	10	...	56	...	60	...	...
25	1 to 9 acres irrigated	1	185	7	3.8	...	7	...	...	...	...	...	...	...
26	10 to 19 acres irrigated	3	583	32	5.5	...	22	10	...	...	...	...	...	...
27	30 to 49 acres irrigated	2	395	75	19.0	...	63	...	...	...	...	12	...	...
28	50 to 99 acres irrigated	1	190	70	36.8	...	14	...	...	56	...	...	...	...
29	100 to 199 acres irrigated	1	190	120	63.2	...	72	...	...	...	...	48	...	...
30	220 to 259 acres	5	1,197	165	13.8	19	100	46	...	...	...	...	...	...
31	1 to 9 acres irrigated	1	249	5	2.0	1	...	4	...	...	...	...	...	...
32	10 to 19 acres irrigated	1	228	10	4.4	...	10	...	...	...	...	...	...	...
33	30 to 49 acres irrigated	1	230	30	13.0	...	30	...	...	...	...	...	...	...
34	50 to 99 acres irrigated	2	490	120	24.5	18	60	42	...	...	...	...	...	...
35	260 to 499 acres irrigated	16	5,521	640	11.6	75	377	130	8	...	...	50	...	...
36	1 to 9 acres irrigated	2	725	10	1.4	...	2	...	8	...	...	...	...	...
37	10 to 19 acres irrigated	4	1,467	54	3.7	...	31	23	...	...	...	...	...	...
38	20 to 29 acres irrigated	3	1,123	78	6.9	...	25	27	...	...	...	26	...	...
39	30 to 49 acres irrigated	3	981	108	11.0	...	84	...	...	...	...	24	...	...
40	50 to 99 acres irrigated	2	575	140	24.3	...	60	80	...	...	...	...	...	...
41	100 to 199 acres irrigated	2	650	250	38.5	75	175	...	...	...	...	...	...	...
42	500 to 999 acres	5	3,245	268	8.3	...	174	63	28	...	...	3	...	...
43	1 to 9 acres irrigated	1	687	3	0.4	...	...	...	...	...	...	3	...	...
44	10 to 19 acres irrigated	1	515	15	2.9	...	15	...	...	...	...	...	...	...
45	50 to 99 acres irrigated	2	1,272	150	11.8	...	59	63	28	...	...	...	...	...
46	100 to 199 acres irrigated	1	771	100	13.0	...	100	...	...	...	...	...	...	...
47	1,000 or more acres	5	9,390	1,015	10.8	...	783	166	...	50	...	16	...	...
48	1 to 9 acres irrigated	1	2,150	2	0.1	...	2	...	...	...	...	...	...	...
49	10 to 19 acres irrigated	1	1,855	13	0.7	...	13	...	...	...	...	...	...	...
50	50 to 99 acres irrigated	1	1,685	50	3.0	...	...	...	...	50	...	...	...	...
51	100 to 199 acres irrigated	1	1,000	150	15.0	...	...	150	...	...	...	...	...	...
52	500 to 999 acres irrigated	1	2,700	800	29.6	...	768	16	...	...	...	16	...	...
53	New York, total	1,217	186,735	50,541	27.1	31,326	8,577	4,450	1,089	1,883	420	1,371	...	1,425
54	Under 10 acres	146	640	356	55.6	154	31	3	...	1	...	164	...	3
55	1 to 9 acres irrigated	146	640	356	55.6	154	31	3	...	1	...	164	...	3
56	10 to 49 acres	289	8,101	4,484	55.4	2,731	602	374	140	119	57	446	...	15
57	1 to 9 acres irrigated	125	2,811	536	19.1	165	101	63	56	30	31	90	...	...
58	10 to 19 acres irrigated	65	1,678	883	52.6	360	205	73	55	...	26	149	...	15
59	20 to 29 acres irrigated	43	1,338	1,012	75.6	644	165	72	29	34	...	68	...	...
60	30 to 49 acres irrigated	56	2,274	2,053	90.3	1,562	131	166	...	55	...	139	...	...
61	50 to 69 acres	127	7,401	4,349	58.8	3,511	208	196	4	233	38	78	...	81
62	1 to 9 acres irrigated	26	1,527	115	7.5	34	16	34	4	8	9	5	...	5
63	10 to 19 acres irrigated	13	739	164	22.2	90	34	...	...	23	...	17	...	...
64	20 to 29 acres irrigated	14	760	311	40.9	142	79	35	...	...	29	26	...	...
65	30 to 49 acres irrigated	23	1,303	902	69.2	693	79	30	...	70	...	30	...	...
66	50 to 69 acres irrigated	51	3,072	2,857	93.0	2,552	...	97	...	132	...	...	...	76
67	70 to 99 acres	151	12,469	6,778	54.4	5,297	559	288	141	192	153	73	...	75
68	1 to 9 acres irrigated	24	1,981	105	5.3	19	38	19	10	...	15	4	...	...
69	10 to 19 acres irrigated	16	1,347	212	15.7	68	83	22	7	...	16	16	...	...
70	20 to 29 acres irrigated	14	1,174	290	24.7	145	61	6	22	16	20	20	...	...
71	30 to 49 acres irrigated	23	1,904	858	45.1	509	192	94	34	...	19	10	...	...
72	50 to 99 acres irrigated	74	6,063	5,313	87.6	4,556	185	147	68	176	83	23	...	75

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
15	26	319	53	...	...	...	...	18	...	2	1	...	5	1
7	11	41	3	...	...	...	...	8	...	2	...	...	3	2
3	5	54	15	...	...	...	...	4	...	...	1	...	1	3
1	2	26	...	...	...	...	...	1	...	...	...	...	...	4
4	8	148	35	...	...	...	...	4	...	...	...	...	1	5
...	...	50	...	...	...	...	...	1	...	...	...	...	...	6
14	31	352	25	...	...	...	...	15	...	1	1	...	...	7
4	5	16	...	...	...	...	...	3	...	1	...	...	...	8
4	12	67	...	...	...	...	...	5	...	...	...	...	...	9
...	...	22	25	...	...	...	...	1	...	...	1	...	...	10
4	11	130	...	...	...	...	...	4	...	...	...	...	...	11
2	3	117	...	...	...	...	...	2	...	...	...	...	...	12
16	31	501	...	...	...	...	...	14	...	3	1	1	...	13
4	5	20	...	...	...	...	...	2	...	2	1	1	...	14
2	4	20	...	...	...	...	...	2	...	...	...	...	...	15
3	7	64	...	...	...	...	...	3	...	...	...	...	...	16
4	8	182	...	...	...	...	...	5	...	...	...	...	...	17
3	7	215	...	...	...	...	...	2	...	1	...	...	...	18
4	13	163	40	...	...	...	...	4	1	1	...	...	1	19
1	3	13	...	...	...	...	...	2	...	...	...	...	1	20
1	1	...	40	...	...	...	...	1	...	...	...	...	...	21
1	5	50	...	...	...	...	...	1	...	...	...	...	...	22
1	4	100	...	...	...	...	...	...	1	1	...	...	...	23
5	12	304	...	...	...	...	...	7	...	...	...	...	1	24
1	3	7	...	...	...	...	...	1	...	...	...	...	...	25
1	1	32	...	...	...	...	...	3	...	...	...	...	...	26
1	2	75	...	...	...	...	...	2	...	...	...	...	...	27
1	4	70	...	...	...	...	...	1	...	...	...	...	...	28
1	2	120	...	...	...	...	...	...	...	...	...	...	1	29
4	9	165	...	...	...	...	...	4	1	1	1	...	...	30
1	3	5	...	...	...	...	...	1	...	1	...	...	...	31
1	1	10	...	...	...	...	...	...	...	...	1	...	...	32
1	1	30	...	...	...	...	...	1	...	...	...	...	...	33
1	4	120	...	...	...	...	...	2	1	...	...	...	...	34
12	31	490	150	...	...	...	...	13	...	...	...	1	2	35
2	7	10	...	...	...	...	...	2	...	...	...	...	...	36
3	9	54	...	...	...	...	...	3	...	...	...	...	1	37
3	5	78	...	...	...	...	...	2	...	...	...	1	...	38
...	...	108	...	...	...	...	...	2	...	...	...	...	1	39
2	3	140	...	...	...	...	...	2	...	...	...	...	...	40
2	7	100	150	...	...	...	...	2	...	...	...	...	...	41
3	9	218	50	...	...	...	...	4	1	...	...	...	1	42
...	...	3	...	...	...	...	...	...	...	...	...	...	1	43
...	...	15	...	...	...	...	...	1	...	...	...	...	...	44
2	4	150	...	...	...	...	...	2	1	...	...	...	...	45
1	5	50	50	...	...	...	...	1	...	...	...	...	...	46
4	24	1,000	15	...	...	...	...	4	...	1	1	...	...	47
...	...	2	...	...	...	...	...	...	...	1	...	...	...	48
1	1	...	13	...	...	...	...	1	...	...	...	...	...	49
1	3	50	...	...	...	...	...	1	...	...	...	...	...	50
1	6	150	...	...	...	...	...	1	...	...	...	...	...	51
1	14	798	2	...	...	...	...	1	...	...	1	...	...	52
428	827	49,404	990	30	11	145	8	694	183	172	40	86	145	53
9	10	269	78	3	...	...	7	20	1	58	1	41	28	54
9	10	269	78	3	...	...	7	20	1	58	1	41	28	55
90	126	4,215	249	...	2	17	1	157	14	53	3	29	38	56
46	63	497	34	...	2	2	1	64	2	26	2	14	18	57
21	30	816	52	...	...	15	...	39	...	10	1	10	7	58
12	16	929	83	...	...	...	...	25	...	10	...	2	6	59
11	17	1,973	80	...	...	...	...	29	12	7	...	3	7	60
36	50	4,257	84	8	...	44	...	77	16	14	4	2	22	61
13	16	107	...	8	...	...	...	12	...	5	4	1	5	62
2	3	134	30	...	...	...	...	7	...	1	...	...	5	63
5	7	311	...	...	...	4	...	10	1	1	...	1	2	64
5	5	902	...	...	...	40	...	15	3	3	...	...	4	65
11	19	2,803	54	...	...	...	...	33	12	4	...	...	6	66
51	84	6,637	140	1	...	...	...	97	36	12	2	2	15	67
14	21	104	...	1	...	...	...	19	...	3	...	1	1	68
8	16	212	...	...	...	...	...	11	...	1	2	...	3	69
4	7	290	...	...	...	...	...	11	...	...	...	1	2	70
11	16	788	70	...	...	...	...	15	3	5	...	...	2	71
14	24	5,243	70	...	...	...	...	41	33	3	...	...	7	72

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	New York—Continued													
1	100 to 139 acres	141	16,443	7,726	47.0	5,819	532	825	71	328	61	61	...	29
2	1 to 9 acres irrigated	20	2,357	97	4.1	17	8	44	10	5	3	5	...	5
3	10 to 19 acres irrigated	20	2,214	265	12.0	54	85	41	41	30	14	...	...	...
4	20 to 29 acres irrigated	14	1,631	316	19.4	47	74	102	20	25	14	10	...	24
5	30 to 49 acres irrigated	18	2,090	646	30.9	283	111	92	...	112	18	30	...	...
6	50 to 99 acres irrigated	35	4,016	2,468	61.5	2,154	189	67	...	46	12	...	...	...
7	100 to 139 acres irrigated	34	4,135	3,934	95.1	3,264	65	479	...	110	...	16	...	...
8	140 to 179 acres	93	14,746	6,047	41.0	4,233	683	604	73	202	1	200	...	51
9	1 to 9 acres irrigated	15	2,355	71	3.0	10	7	30	9	8	1	...	...	6
10	10 to 19 acres irrigated	10	1,652	149	9.0	11	54	69	3	12	...	...	...	...
11	20 to 29 acres irrigated	12	1,917	274	14.3	33	139	76	6	20	...	...	...	...
12	30 to 49 acres irrigated	10	1,633	377	23.1	35	255	42	...	...	...	...	...	45
13	50 to 99 acres irrigated	17	2,651	1,161	43.8	547	228	169	55	87	...	75	...	...
14	100 to 179 acres irrigated	29	4,538	4,015	88.5	3,597	...	218	...	75	...	125	...	...
15	180 to 219 acres	48	9,338	3,359	36.0	2,364	559	148	13	70	13	139	...	53
16	1 to 9 acres irrigated	5	955	20	2.1	...	10	5	5	...	...	...	...	...
17	10 to 19 acres irrigated	6	1,129	66	5.8	...	37	12	...	...	...	7	...	10
18	20 to 29 acres irrigated	7	1,338	161	12.0	38	40	63	...	20	...	...	...	...
19	30 to 49 acres irrigated	9	1,730	356	20.6	...	192	68	8	...	13	32	...	43
20	50 to 99 acres irrigated	6	1,231	406	33.0	186	170	...	...	50	...	...	...	...
21	100 to 199 acres irrigated	14	2,745	2,140	78.0	1,930	110	...	...	...	...	100	...	...
22	200 to 219 acres irrigated	1	210	210	100.0	210	...	...	...	...	...	...	...	...
23	220 to 259 acres	45	10,674	2,000	18.7	1,090	506	130	107	98	59	10	...	...
24	1 to 9 acres irrigated	12	2,809	62	2.2	5	13	10	12	3	9	10	...	...
25	10 to 19 acres irrigated	10	2,427	135	5.6	20	38	67	5	5	...	...	...	...
26	20 to 29 acres irrigated	4	978	87	8.9	...	...	20	25	22	20	...	...	...
27	30 to 49 acres irrigated	6	1,406	226	16.1	40	145	3	7	31	...	...	...	...
28	50 to 99 acres irrigated	7	1,614	441	27.3	126	190	...	58	37	30	...	...	...
29	100 to 199 acres irrigated	3	725	389	53.7	239	120	30	...	...	...	...	...	...
30	200 to 259 acres irrigated	3	715	660	92.3	660	...	...	...	...	...	...	...	...
31	260 to 499 acres	102	36,126	9,682	26.8	5,741	2,083	874	109	446	33	150	...	246
32	1 to 9 acres irrigated	8	2,785	51	1.8	8	33	...	...	...	...	10	...	...
33	10 to 19 acres irrigated	8	2,674	88	3.3	15	26	11	26	...	10	...	...	...
34	20 to 29 acres irrigated	13	4,936	287	5.8	42	174	50	21	...	...	...	...	...
35	30 to 49 acres irrigated	16	5,563	556	10.0	39	227	117	26	...	...	30	...	117
36	50 to 99 acres irrigated	24	8,527	1,569	18.4	270	567	347	15	116	15	110	...	129
37	100 to 199 acres irrigated	16	5,668	2,173	38.3	968	656	349	...	192	8	...	...	...
38	200 to 499 acres irrigated	17	5,973	4,958	83.0	4,399	400	...	21	138	...	...	...	...
39	500 to 999 acres	52	35,616	3,806	10.7	381	1,529	777	411	181	5	...	...	522
40	1 to 9 acres irrigated	3	2,170	16	0.7	...	10	5	1	...	...	...	...	...
41	10 to 19 acres irrigated	4	2,775	47	1.7	...	16	6	25	...	...	...	...	...
42	20 to 29 acres irrigated	8	5,343	177	3.3	16	47	27	30	52	5	...	...	...
43	30 to 49 acres irrigated	12	7,837	468	6.0	65	248	91	64	...	...	...	...	...
44	50 to 99 acres irrigated	12	8,803	825	9.4	...	605	82	66	...	...	...	...	72
45	100 to 199 acres irrigated	8	5,332	1,018	19.1	150	446	122	175	...	...	...	...	125
46	200 to 499 acres irrigated	5	3,356	1,255	37.4	150	157	444	50	129	...	...	...	325
47	1,000 or more acres	23	35,181	1,954	5.6	5	1,285	231	20	13	...	50	...	350
48	1 to 9 acres irrigated	2	6,011	7	0.1	5	...	2	...	...	...	...	...	...
49	10 to 19 acres irrigated	2	2,792	29	1.0	...	28	1	...	...	...	...	...	...
50	20 to 29 acres irrigated	2	2,775	40	1.4	...	20	20	...	...	...	...	...	...
51	30 to 49 acres irrigated	5	6,689	195	2.9	...	101	94	...	...	...	...	...	...
52	50 to 99 acres irrigated	6	8,814	389	4.4	...	276	50	...	13	...	50	...	...
53	100 to 199 acres irrigated	3	4,200	374	8.9	...	304	50	20	...	...	...	...	...
54	200 to 499 acres irrigated	3	3,900	920	23.6	...	556	14	...	...	...	...	...	350
55	New Jersey, total	1,632	244,249	69,301	28.4	26,533	23,599	12,075	1,590	3,698	1,193	496	...	117
56	Under 10 acres	166	875	555	63.4	326	83	28	3	7	3	98	...	7
57	1 to 9 acres irrigated	166	875	555	63.4	326	83	28	3	7	3	98	...	7
58	10 to 49 acres	480	12,611	5,457	43.3	3,044	1,017	891	29	198	69	209	...	...
59	1 to 9 acres irrigated	222	5,084	1,046	20.6	571	198	144	15	59	32	27	...	...
60	10 to 19 acres irrigated	175	4,504	2,277	50.6	1,214	435	339	...	89	27	173	...	...
61	20 to 29 acres irrigated	56	1,944	1,213	62.4	711	229	215	5	50	3	...	...	...
62	30 to 49 acres irrigated	27	1,079	921	85.4	548	155	193	9	...	7	9	...	...
63	50 to 69 acres	164	9,404	3,900	41.5	1,908	973	684	64	138	83	30	...	20
64	1 to 9 acres irrigated	35	2,000	185	9.3	81	43	50	3	...	...	8	...	...
65	10 to 19 acres irrigated	41	2,370	493	20.8	274	98	90	...	10	16	5	...	...
66	20 to 29 acres irrigated	29	1,656	669	40.4	318	162	114	6	49	...	...	...	20
67	30 to 49 acres irrigated	35	1,992	1,270	63.8	569	364	311	...	16	10	...	...	...
68	50 to 69 acres irrigated	24	1,386	1,283	92.6	666	306	119	55	63	57	17	...	...
69	70 to 99 acres	180	14,875	6,128	41.2	2,235	1,921	1,440	140	316	75	1	...	...
70	1 to 9 acres irrigated	20	1,654	100	6.0	24	40	28	7	...	...	1	...	...
71	10 to 19 acres irrigated	34	2,762	466	16.9	124	87	196	7	48	4	...	...	...
72	20 to 29 acres irrigated	26	2,143	605	28.2	297	196	82	20	10	...	...	...	...
73	30 to 49 acres irrigated	49	4,037	1,746	43.2	464	568	491	25	180	18	...	...	...
74	50 to 99 acres irrigated	51	4,279	3,211	75.0	1,326	1,030	643	81	78	53	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
55	89	7,384	268	...	...	74	...	94	37	8	5	4	11	1
12	17	96	1	...	...	...	...	11	...	3	2	3	2	2
11	14	251	...	...	...	14	...	14	...	3	...	...	3	3
7	11	316	...	...	...	...	...	12	...	...	1	...	2	4
9	22	626	20	...	...	...	...	13	1	1	1	1	1	5
7	8	2,408	...	...	...	60	...	22	11	1	1	...	3	6
9	17	3,687	247	...	...	...	...	22	25	...	...	...	...	7
46	132	6,036	...	7	4	...	...	55	31	6	5	2	12	8
14	23	64	...	7	...	...	...	9	1	1	2	1	2	9
8	15	149	...	...	...	...	...	8	...	2	...	...	1	10
6	16	270	...	...	4	...	...	6	...	2	2	...	3	11
4	6	377	...	...	...	...	...	8	...	...	...	...	2	12
7	56	1,161	...	...	...	...	...	8	4	1	1	...	4	13
7	16	4,015	...	...	...	...	...	16	26	...	...	1	...	14
16	25	3,338	11	10	...	...	...	31	16	1	3	...	4	15
4	7	14	6	...	...	...	...	4	...	...	1	...	1	16
2	4	61	5	...	...	...	...	4	...	...	...	...	2	17
5	5	161	...	...	...	...	...	5	2	1	...	...	...	18
4	8	346	...	10	...	...	...	8	...	...	1	...	1	19
...	...	406	...	...	...	...	...	5	1	...	...	...	...	20
1	1	2,140	...	...	...	...	...	5	12	...	1	...	...	21
...	...	210	...	...	...	...	...	...	1	...	...	...	...	22
25	65	1,979	15	1	5	...	...	30	6	4	1	3	3	23
9	20	49	7	1	5	...	...	4	...	1	1	3	3	24
6	10	127	8	...	...	...	...	8	1	1	...	...	...	25
2	9	87	...	...	...	...	...	3	1	...	...	...	...	26
3	7	226	...	...	...	...	...	4	...	2	...	...	...	27
4	9	441	...	...	...	...	...	7	...	...	...	...	...	28
1	10	389	...	...	...	...	...	2	1	...	...	...	...	29
...	...	660	...	...	...	...	...	2	3	...	...	...	...	30
53	127	9,640	43	...	...	...	...	75	20	10	9	2	5	31
3	5	44	7	...	...	...	...	5	...	1	...	1	1	32
5	14	88	...	...	...	...	...	8	...	...	1	...	...	33
7	13	267	20	...	...	...	...	9	1	1	1	...	1	34
10	20	543	13	...	...	...	...	11	...	2	2	1	1	35
14	36	1,569	1	...	...	...	...	20	...	1	5	...	1	36
11	33	2,171	2	...	...	...	...	13	6	3	...	...	...	37
3	6	4,958	...	...	...	...	...	9	13	2	...	...	1	38
33	90	3,741	55	...	...	10	...	41	6	3	7	...	3	39
2	8	16	...	...	...	...	...	3	...	...	...	...	...	40
2	10	42	5	...	...	...	...	3	...	1	1	...	...	41
6	17	177	...	...	...	...	...	6	...	...	...	...	2	42
8	11	458	...	...	...	10	...	8	2	2	2	...	...	43
6	12	795	30	...	...	...	...	9	1	...	3	...	1	44
5	13	1,018	...	...	...	...	...	7	2	...	1	...	...	45
4	19	1,235	20	...	...	...	...	5	1	...	...	...	...	46
14	29	1,908	47	...	...	...	...	17	...	3	...	1	4	47
1	2	6	1	...	...	...	...	...	...	1	...	...	1	48
2	5	29	1	...	...	...	...	2	...	1	...	...	...	49
1	6	40	...	...	...	...	...	2	...	...	...	...	...	50
4	4	195	...	...	...	...	...	4	...	...	...	...	1	51
2	4	344	45	...	...	...	...	5	...	...	...	1	...	52
2	4	374	...	...	...	...	...	1	...	...	...	...	2	53
2	4	920	...	...	...	...	...	3	...	1	...	...	...	54
828	1,538	62,169	2,588	505	3,813	223	12	1,114	61	275	67	65	180	55
25	26	349	186	8	5	...	7	63	1	52	1	35	17	56
25	26	349	186	8	5	...	7	63	1	52	1	35	17	57
173	232	4,574	717	26	139	9	...	301	3	116	9	20	59	58
73	87	817	157	8	63	1	...	120	...	60	3	8	37	59
61	89	1,793	390	18	76	8	...	118	2	33	3	12	20	60
22	30	1,120	93	...	...	...	...	41	1	16	2	...	2	61
17	26	844	77	...	...	...	...	22	...	7	1	...	...	62
74	107	3,425	240	26	209	...	...	123	2	25	7	3	15	63
14	21	164	7	...	14	...	...	23	...	5	5	1	3	64
21	28	466	27	...	...	...	...	33	...	5	...	...	5	65
13	15	654	15	...	...	...	...	24	...	3	1	...	2	66
17	29	1,129	76	...	65	...	...	27	1	6	1	1	2	67
9	14	1,012	115	26	130	...	...	16	1	6	...	1	3	68
106	147	5,876	152	10	90	...	...	141	5	14	15	2	17	69
13	15	68	9	...	23	...	...	14	1	1	1	1	3	70
22	29	437	2	...	27	...	...	25	1	2	2	1	4	71
9	11	535	50	10	10	...	...	21	...	3	3	...	2	72
31	44	1,658	58	...	30	...	...	41	...	4	4	...	4	73
31	48	3,178	33	...	...	...	...	40	3	4	5	...	4	74

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	New Jersey—Continued													
1	100 to 139 acres	164	18,974	7,126	37.6	2,367	2,749	1,251	192	471	78	18	...	...
2	1 to 9 acres irrigated	14	1,570	66	4.2	22	27	8	1	1	7	...	...	...
3	10 to 19 acres irrigated	26	3,019	344	11.4	77	192	46	8	21	...	...	...	...
4	20 to 29 acres irrigated	21	2,420	460	19.0	118	227	66	...	45	4	...	...	...
5	30 to 49 acres irrigated	35	3,990	1,323	33.2	245	571	361	29	56	61	...	...	...
6	50 to 99 acres irrigated	55	6,393	3,502	54.8	1,237	1,450	499	154	138	6	18	...	...
7	100 to 139 acres irrigated	13	1,582	1,431	90.5	668	282	271	...	210	...	...	...	...
8	140 to 179 acres	137	21,347	6,914	32.4	1,891	2,388	2,071	195	307	57	5	...	...
9	1 to 9 acres irrigated	9	1,378	36	2.6	7	15	9	...	...	...	5	...	...
10	10 to 19 acres irrigated	12	1,881	167	8.9	49	76	36	5	...	1	...	...	...
11	20 to 29 acres irrigated	18	2,777	409	14.7	42	231	106	1	29	...	...	...	...
12	30 to 49 acres irrigated	38	5,864	1,447	24.7	208	636	443	117	30	13	...	...	...
13	50 to 99 acres irrigated	42	6,591	2,763	41.9	721	1,069	714	60	164	35	...	...	...
14	100 to 179 acres irrigated	18	2,856	2,092	73.2	864	361	763	12	84	8	...	...	...
15	180 to 219 acres	87	17,377	5,267	30.3	1,197	2,042	1,285	238	426	69	10	...	...
16	1 to 9 acres irrigated	4	799	29	3.6	7	13	...	...	...	9	...	...	...
17	10 to 19 acres irrigated	6	1,197	77	6.4	...	27	35	...	15	...	...	...	...
18	20 to 29 acres irrigated	11	2,146	242	11.3	63	67	51	2	24	35	...	...	...
19	30 to 49 acres irrigated	17	3,422	632	18.5	196	322	94	10	10	...	...	...	...
20	50 to 99 acres irrigated	34	6,817	2,403	35.3	473	974	666	95	195	...	...	...	...
21	100 to 199 acres irrigated	14	2,796	1,684	60.2	308	589	439	131	182	25	10	...	...
22	200 to 219 acres irrigated	1	200	200	100.0	150	50	...	...	...	...	...	...	...
23	220 to 259 acres	62	14,643	4,338	29.6	1,437	1,576	755	265	259	45	1	...	...
24	1 to 9 acres irrigated	2	475	13	2.7	...	5	8	...	...	...	...	...	...
25	10 to 19 acres irrigated	8	1,860	98	5.3	42	55	...	...	...	...	1	...	...
26	20 to 29 acres irrigated	3	693	69	10.0	...	10	59	...	...	...	...	...	...
27	30 to 49 acres irrigated	9	2,085	330	15.8	43	187	98	...	...	2	...	...	...
28	50 to 99 acres irrigated	25	5,983	1,629	27.2	302	624	228	206	259	10	...	...	...
29	100 to 199 acres irrigated	14	3,297	1,949	59.1	880	695	282	59	...	33	...	...	...
30	200 to 259 acres irrigated	1	250	250	100.0	170	...	80	...	...	...	...	...	...
31	260 to 499 acres	131	45,948	12,695	27.6	4,127	4,899	2,080	301	851	325	22	...	90
32	1 to 9 acres irrigated	6	2,024	23	1.1	10	6	4	2	...	1	...	...	...
33	10 to 19 acres irrigated	9	3,092	112	3.6	14	31	65	1	...	1	...	...	...
34	20 to 29 acres irrigated	10	3,306	236	7.1	27	120	50	21	18	...	...	...	...
35	30 to 49 acres irrigated	15	5,110	580	11.4	133	307	67	2	67	4	...	...	...
36	50 to 99 acres irrigated	34	12,156	2,437	20.0	391	1,020	737	74	110	83	22	...	...
37	100 to 199 acres irrigated	42	14,312	5,521	38.6	1,577	2,529	894	201	195	35	...	...	90
38	200 to 499 acres irrigated	15	5,948	3,786	63.7	1,975	886	263	...	461	201	...	...	...
39	500 to 999 acres	32	20,685	4,604	22.3	2,042	1,458	504	1	563	20	16	...	...
40	1 to 9 acres irrigated	2	1,100	6	0.5	2	4	...	...	...	...	...	...	...
41	10 to 19 acres irrigated	2	1,154	31	2.7	...	15	...	...	...	...	16	...	...
42	20 to 29 acres irrigated	2	1,249	46	3.7	26	19	...	1	...	...	...	...	...
43	30 to 49 acres irrigated	3	1,727	105	6.1	35	30	40	...	...	...	...	...	...
44	50 to 99 acres irrigated	5	3,395	312	9.2	75	186	51	...	...	...	...	...	...
45	100 to 199 acres irrigated	8	4,834	1,192	24.7	336	499	267	...	90	...	...	...	...
46	200 to 499 acres irrigated	9	6,426	2,312	36.0	1,028	645	146	...	473	20	...	...	...
47	500 to 999 acres irrigated	1	800	600	75.0	540	60	...	...	...	...	...	...	...
48	1,000 or more acres	29	67,510	12,317	18.2	5,959	4,493	1,086	162	162	369	86	...	...
49	10 to 19 acres irrigated	2	2,832	34	1.2	...	18	16	...	...	...	...	...	...
50	30 to 49 acres irrigated	8	11,020	302	2.7	9	246	...	9	7	31	...	...	...
51	50 to 99 acres irrigated	1	1,968	70	3.6	...	...	70	...	...	...	...	...	...
52	100 to 199 acres irrigated	5	6,340	647	10.2	...	586	61	...	...	...	...	...	...
53	200 to 499 acres irrigated	10	26,976	3,504	13.0	655	1,806	576	13	30	338	86	...	...
54	500 to 999 acres irrigated	2	2,374	1,200	50.5	375	525	35	140	125	...	...	...	...
55	1,000 or more acres irrigated	1	16,000	6,560	41.0	4,920	1,312	328	...	...	...	...	...	...
56	Pennsylvania, total	449	117,100	7,570	6.5	699	4,063	1,596	619	241	14	286	...	52
57	Under 10 acres	44	235	96	40.9	35	21	6	6	...	...	28	...	...
58	1 to 9 acres irrigated	44	235	96	40.9	35	21	6	6	...	...	28	...	...
59	10 to 49 acres	107	2,834	597	21.1	149	236	82	11	8	3	108	...	...
60	1 to 9 acres irrigated	90	2,305	326	14.1	84	133	52	8	8	3	38	...	...
61	10 to 19 acres irrigated	14	423	190	44.9	50	72	30	3	...	...	35	...	...
62	20 to 29 acres irrigated	2	71	46	64.8	15	31	...	...	...	...	...	...	...
63	30 to 49 acres irrigated	1	35	35	100.0	...	...	...	...	...	...	35	...	...
64	50 to 69 acres	42	2,453	363	14.8	17	182	85	26	11	...	25	...	17
65	1 to 9 acres irrigated	27	1,554	115	7.4	17	57	27	6	8	...	...	...	...
66	10 to 19 acres irrigated	12	714	163	22.8	...	57	55	6	3	...	25	...	17
67	20 to 29 acres irrigated	2	120	50	41.7	...	50	...	...	...	...	...	...	...
68	30 to 49 acres irrigated	1	65	35	53.8	...	18	3	14	...	...	...	...	...
69	70 to 99 acres	51	4,242	486	11.5	92	236	138	11	9	...	...	...	...
70	1 to 9 acres irrigated	32	2,669	124	4.6	7	73	28	8	8	...	...	...	...
71	10 to 19 acres irrigated	13	1,083	170	15.7	50	66	53	...	1	...	...	...	...
72	20 to 29 acres irrigated	4	324	90	27.8	35	45	10	...	...	...	...	...	...
73	50 to 99 acres irrigated	2	166	102	61.4	...	52	47	3	...	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping						
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power	Farms not reporting type of power	
108	162	6,897	114	5	110	...	...	134	7	19	7	...	12	1
8	12	51	1	5	9	...	...	6	...	5	1	...	2	2
11	16	313	15	...	16	...	...	20	1	3	3	...	3	3
13	19	440	...	...	20	...	...	18	1	1	...	...	1	4
27	38	1,295	28	...	...	...	...	31	1	1	...	...	2	5
38	59	3,417	20	...	65	...	...	47	4	4	3	...	4	6
11	18	1,381	50	...	...	...	...	12	...	5	...	...	...	7
94	163	6,487	246	...	181	...	...	110	7	10	10	1	11	8
4	5	30	1	...	5	...	...	5	...	2	...	1	1	9
6	10	131	...	...	36	...	...	5	1	...	2	...	4	10
12	23	371	18	...	20	...	...	17	...	1	...	...	1	11
28	46	1,397	10	...	40	...	...	30	2	2	5	...	3	12
31	51	2,594	119	...	50	...	...	36	2	5	2	...	2	13
13	28	1,964	98	...	30	...	...	17	2	...	1	...	...	14
61	103	5,065	166	...	36	...	...	63	7	9	3	...	11	15
1	1	21	...	...	8	...	...	1	...	...	1	...	2	16
4	7	77	...	...	...	...	...	5	...	1	...	...	...	17
7	9	206	8	...	28	...	...	5	...	2	1	...	4	18
9	19	626	6	...	...	...	...	11	...	1	1	...	4	19
26	40	2,348	55	...	...	...	...	29	5	2	...	...	1	20
14	27	1,587	97	...	...	...	...	11	2	3	...	...	...	21
...	...	200	...	...	...	...	...	1	...	...	...	...	...	22
42	161	4,130	61	...	148	...	...	40	8	9	5	...	7	23
1	5	8	...	...	5	...	...	1	...	...	...	...	1	24
2	3	60	10	...	28	...	...	4	...	2	...	...	2	25
3	6	69	...	...	...	...	...	1	...	...	2	...	...	26
4	8	265	...	...	65	...	...	5	...	2	1	...	1	27
19	40	1,569	11	...	50	...	...	17	4	1	2	...	3	28
12	19	1,949	...	...	...	...	...	11	3	4	...	...	...	29
1	80	210	40	...	...	...	...	1	1	...	...	...	...	30
105	244	11,931	268	5	486	...	5	100	16	14	8	1	16	31
3	4	16	...	5	2	...	...	4	...	...	1	...	2	32
6	12	101	...	...	11	...	...	4	...	...	2	...	3	33
6	14	216	...	...	20	...	...	7	...	...	1	...	2	34
12	19	580	...	...	...	...	...	9	1	4	...	...	5	35
30	71	2,260	47	...	125	...	5	25	4	2	3	1	2	36
34	84	5,163	108	...	250	...	...	36	10	5	1	...	2	37
14	40	3,595	113	...	78	...	...	15	1	3	...	...	...	38
21	71	3,948	195	45	416	...	...	25	4	4	2	...	5	39
...	...	2	...	...	4	...	...	...	...	...	1	...	1	40
1	3	31	...	...	...	...	...	2	...	...	1	...	...	41
1	1	46	...	...	...	...	...	1	...	...	...	...	1	42
1	3	105	...	...	...	...	...	2	...	...	...	...	1	43
3	9	147	...	25	140	...	...	2	1	1	...	...	2	44
7	18	1,097	75	20	...	...	...	8	2	...	...	...	...	45
7	31	1,920	120	...	272	...	...	9	1	2	...	...	...	46
1	6	600	...	...	...	...	...	1	...	1	...	...	...	47
19	122	9,487	243	380	1,993	214	...	14	1	3	...	3	10	48
1	1	16	...	...	18	...	...	1	...	...	...	...	1	49
5	10	139	...	50	113	...	...	3	...	1	...	...	4	50
1	2	...	70	...	...	...	...	...	...	1	...	...	...	51
3	57	135	...	130	382	...	...	1	...	...	...	2	2	52
6	39	1,587	23	200	1,480	214	...	6	...	1	...	1	3	53
2	10	1,050	150	...	...	...	...	2	1	...	...	...	...	54
1	3	6,560	...	...	...	...	...	1	...	...	...	...	...	55
246	397	7,040	360	107	28	3	33	243	15	116	41	25	38	56
12	12	67	24	1	1	2	2	4	...	22	2	8	8	57
12	12	67	24	1	1	2	2	4	...	22	2	8	8	58
42	53	493	99	3	2	...	...	46	...	39	1	11	13	59
36	46	283	38	3	2	...	...	37	...	33	1	9	11	60
6	7	144	46	...	...	...	...	7	...	5	...	2	1	61
...	...	31	15	...	...	...	...	2	...	1	...	...	...	62
...	...	35	...	...	...	...	...	...	...	...	...	...	1	63
24	31	328	29	5	...	...	1	20	1	14	6	1	2	64
15	20	86	23	5	...	...	1	12	...	10	4	...	2	65
8	10	157	6	...	...	...	...	6	1	4	1	1	...	66
...	...	50	...	...	...	...	...	1	...	...	1	...	...	67
1	1	35	...	...	...	...	...	1	...	...	...	...	...	68
32	50	469	15	...	...	...	2	27	2	12	10	...	4	69
19	34	119	5	...	...	...	...	19	...	8	4	...	3	70
8	11	160	10	...	...	...	...	5	...	3	5	...	1	71
4	4	88	...	...	...	...	2	2	1	1	1	...	...	72
1	1	102	...	...	...	...	...	1	1	...	...	...	...	73

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Pennsylvania—Continued													
1	100 to 139 acres	52	6,068	977	16.1	84	680	159	13	34	5	2	...	...
2	1 to 9 acres irrigated	21	2,431	95	3.9	9	63	19	...	4	...	...	...	...
3	10 to 19 acres irrigated	12	1,383	162	11.7	1	104	34	9	14	...	...	...	...
4	20 to 29 acres irrigated	5	625	106	17.0	24	46	20	...	16	...	...	...	...
5	30 to 49 acres irrigated	9	1,064	324	30.5	...	282	36	4	...	...	2	...	...
6	50 to 99 acres irrigated	5	565	290	51.3	50	185	50	...	...	5	...	...	...
7	140 to 179 acres	39	6,150	838	13.6	158	336	159	84	97	4	...	...	...
8	1 to 9 acres irrigated	13	2,025	56	2.8	16	18	13	8	1	...	...	...	...
9	10 to 19 acres irrigated	10	1,602	133	8.3	7	63	48	3	12	...	...	...	...
10	20 to 29 acres irrigated	4	620	84	13.5	...	76	...	8	...	...	...	...	...
11	30 to 49 acres irrigated	6	971	215	22.1	35	59	48	65	4	4	...	...	...
12	50 to 99 acres irrigated	6	932	350	37.6	100	120	50	...	80	...	...	...	...
13	180 to 219 acres	25	5,069	600	11.8	44	268	145	38	41	...	64	...	...
14	1 to 9 acres irrigated	7	1,400	35	2.5	...	12	17	6	...	...	...	...	...
15	10 to 19 acres irrigated	7	1,401	86	6.1	4	14	46	12	...	...	10	...	...
16	20 to 29 acres irrigated	5	1,041	109	10.5	...	82	22	...	5	...	...	...	...
17	30 to 49 acres irrigated	3	602	100	16.6	...	60	20	20	...	...	...	...	...
18	50 to 99 acres irrigated	2	415	170	41.0	40	...	40	...	36	...	54	...	...
19	100 to 199 acres irrigated	1	210	100	47.6	...	100	...	...	...	...	...	...	...
20	220 to 259 acres	16	3,755	344	9.2	18	213	87	5	19	2	...	...	...
21	1 to 9 acres irrigated	5	1,149	16	1.4	1	2	6	3	4	...	...	...	...
22	10 to 19 acres irrigated	2	456	27	5.9	...	27	...	...	...	...	...	...	...
23	20 to 29 acres irrigated	3	704	65	9.2	...	32	33	...	...	...	...	...	...
24	30 to 49 acres irrigated	4	975	136	13.9	17	64	40	...	15	...	...	...	...
25	50 to 99 acres irrigated	2	471	100	21.2	...	88	8	2	...	2	...	...	...
26	260 to 499 acres	36	12,642	1,659	13.1	60	839	429	309	22	...	...	...	...
27	1 to 9 acres irrigated	6	2,408	17	0.7	1	1	9	6	...	...	...	...	...
28	10 to 19 acres irrigated	8	2,530	113	4.5	8	50	43	12	...	...	...	...	...
29	20 to 29 acres irrigated	5	1,962	112	5.7	21	78	13	...	...	...	...	...	...
30	30 to 49 acres irrigated	6	1,964	233	11.9	30	98	...	83	22	...	...	...	...
31	50 to 99 acres irrigated	7	2,314	499	21.6	...	330	162	7	...	...	...	...	...
32	100 to 199 acres irrigated	2	780	210	26.9	...	158	52	...	...	...	...	...	...
33	200 to 499 acres irrigated	2	684	475	69.4	...	124	150	201	...	...	...	...	...
34	500 to 999 acres	20	13,563	592	4.4	42	338	59	100	...	...	53	...	...
35	1 to 9 acres irrigated	6	4,062	18	0.4	10	3	3	...	...	...	2	...	...
36	10 to 19 acres irrigated	5	3,592	58	1.6	10	15	12	...	...	...	21	...	...
37	20 to 29 acres irrigated	3	2,218	66	3.0	22	...	44	...	...	...	...	...	...
38	30 to 49 acres irrigated	2	1,150	75	6.5	...	45	...	...	...	...	30	...	...
39	50 to 99 acres irrigated	3	1,941	175	9.0	...	175	...	...	...	...	...	...	...
40	200 to 499 acres irrigated	1	600	200	33.3	...	100	...	100	...	...	...	...	...
41	1,000 or more acres	17	60,089	1,018	1.7	...	714	247	16	...	...	6	...	35
42	1 to 9 acres irrigated	3	3,380	5	0.1	...	1	3	...	...	...	1	...	...
43	20 to 29 acres irrigated	3	3,609	68	1.9	...	34	34	...	...	...	...	...	...
44	30 to 49 acres irrigated	3	13,865	110	0.8	...	45	30	...	...	...	...	...	35
45	50 to 99 acres irrigated	4	12,540	235	1.9	...	204	10	16	...	...	5	...	...
46	100 to 199 acres irrigated	3	23,050	370	1.6	...	200	170	...	...	...	...	...	...
47	200 to 499 acres irrigated	1	3,645	230	6.3	...	230	...	...	...	...	...	...	...
48	Ohio, total	450	62,579	9,153	14.6	3,170	3,555	1,231	469	198	304	222	...	4
49	Under 10 acres	84	425	180	42.4	49	18	13	11	5	8	74	...	2
50	1 to 9 acres irrigated	84	425	180	42.4	49	18	13	11	5	8	74	...	2
51	10 to 49 acres	140	3,307	993	30.0	517	119	91	81	44	26	113	...	2
52	1 to 9 acres irrigated	101	2,222	363	16.3	117	66	37	39	13	7	82	...	2
53	10 to 19 acres irrigated	28	663	350	52.8	194	53	25	26	19	2	31	...	...
54	20 to 29 acres irrigated	8	293	183	62.5	126	...	29	16	12	...	...	...	...
55	30 to 49 acres irrigated	3	129	97	75.2	80	...	...	...	...	17	...	...	...
56	50 to 69 acres	24	1,427	271	19.0	117	63	62	16	12	...	1	...	...
57	1 to 9 acres irrigated	13	770	44	5.7	8	14	13	6	2	...	1	...	...
58	10 to 19 acres irrigated	6	359	74	20.6	30	19	5	10	10	...	...	...	...
59	20 to 29 acres irrigated	2	123	45	36.6	20	...	25	...	...	...	...	...	...
60	30 to 49 acres irrigated	3	175	108	61.7	59	30	19	...	...	...	...	...	...
61	70 to 99 acres	37	3,051	596	19.5	293	232	28	1	15	16	11	...	...
62	1 to 9 acres irrigated	17	1,396	60	4.3	23	18	10	1	7	1	...	...	...
63	10 to 19 acres irrigated	9	729	102	14.0	49	20	7	...	...	15	11	...	...
64	20 to 29 acres irrigated	4	341	84	24.6	62	11	11	...	...	...	...	...	...
65	30 to 49 acres irrigated	3	233	114	48.9	67	47	...	...	...	...	...	...	...
66	50 to 99 acres irrigated	4	352	236	67.0	92	136	...	...	8	...	...	...	...
67	100 to 139 acres	40	4,550	842	18.5	252	328	97	76	68	2	19	...	...
68	1 to 9 acres irrigated	15	1,718	54	3.1	9	14	7	17	4	2	1	...	...
69	10 to 19 acres irrigated	11	1,238	147	11.9	39	62	7	25	...	...	14	...	...
70	20 to 29 acres irrigated	4	458	109	23.8	28	55	...	26	...	...	...	...	...
71	30 to 49 acres irrigated	6	663	228	34.4	62	102	...	...	64	...	...	...	...
72	50 to 99 acres irrigated	4	473	304	64.3	114	95	83	8	...	...	4	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping						
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power	Farms not reporting type of power	
27	37	948	1	...	...	...	28	40	1	2	9	...	2	1
14	16	94	1	...	...	...	...	15	...	1	4	...	1	2
6	7	162	...	...	...	...	...	11	...	...	2	...	...	3
4	9	106	...	...	...	...	...	3	1	...	1	...	...	4
2	2	296	...	...	...	...	28	7	...	1	2	...	...	5
1	3	290	...	...	...	...	...	4	...	...	...	...	1	6
28	44	806	7	...	25	...	...	28	1	5	3	...	4	7
9	14	49	7	...	...	...	...	10	...	3	1	...	...	8
7	11	133	...	...	...	...	...	6	1	2	1	...	1	9
3	3	84	...	...	...	...	...	2	...	...	1	...	1	10
6	13	190	...	...	25	...	...	6	...	...	...	...	...	11
3	3	350	...	...	...	...	...	4	...	...	...	...	2	12
21	33	492	10	98	...	...	...	19	1	3	3	2	...	13
6	8	27	...	8	...	...	...	5	...	...	1	1	...	14
5	10	76	10	...	...	...	...	5	1	2	1	...	...	15
4	4	109	...	...	...	...	...	4	...	1	...	...	...	16
3	5	100	...	...	...	...	...	3	...	...	...	...	...	17
2	3	80	...	90	...	...	...	1	...	...	1	1	...	18
1	3	100	...	...	...	...	...	1	...	...	...	...	...	19
9	18	340	3	...	...	1	...	10	2	2	1	...	2	20
3	6	12	3	...	...	1	...	2	...	1	...	...	2	21
...	...	27	...	...	...	...	...	2	...	...	...	...	...	22
2	3	65	...	...	...	...	...	3	...	...	1	...	...	23
3	7	136	...	...	...	...	...	3	...	1	...	...	...	24
1	2	100	...	...	...	...	...	...	2	...	...	...	...	25
28	52	1,656	3	...	...	...	...	25	3	7	5	...	1	26
6	13	17	...	...	...	...	...	3	1	2	1	...	...	27
5	7	112	1	...	...	...	...	8	...	1	1	...	...	28
4	7	112	...	...	...	...	...	4	1	1	...	...	...	29
4	6	231	2	...	...	...	...	3	1	1	1	...	1	30
5	10	499	...	...	...	...	...	4	...	1	2	...	...	31
2	4	210	...	...	...	...	...	2	...	...	...	...	...	32
2	5	475	...	...	...	...	...	1	...	1	...	...	...	33
12	39	535	57	...	...	...	...	14	1	6	1	2	1	34
3	21	15	3	...	...	...	...	3	...	2	1	1	...	35
4	7	33	25	...	...	...	...	3	...	2	...	...	1	36
3	6	66	...	...	...	...	...	3	...	1	...	...	...	37
1	2	46	29	...	...	...	...	1	...	...	...	1	...	38
...	...	175	...	...	...	...	...	3	1	...	...	...	...	39
1	3	200	...	...	...	...	...	1	...	1	...	...	...	40
11	28	906	112	...	...	...	...	10	3	4	...	1	1	41
1	1	3	2	...	...	...	...	2	...	...	...	1	...	42
3	6	68	...	...	...	...	...	1	...	2	...	...	...	43
2	3	110	...	...	...	...	...	...	1	1	...	...	1	44
2	6	225	10	...	...	...	...	4	1	...	...	...	...	45
3	12	270	100	...	...	...	...	3	...	...	...	...	...	46
...	...	230	...	...	...	...	...	...	1	1	...	...	...	47
211	324	8,044	922	22	13	162	10	192	6	176	26	40	39	48
19	21	80	98	1	...	...	1	15	...	42	...	23	7	49
19	21	80	98	1	...	...	1	15	...	42	...	23	7	50
73	92	714	270	1	2	...	6	52	...	69	1	14	11	51
56	66	208	146	1	2	...	6	29	...	54	1	12	8	52
11	18	242	108	...	...	...	...	14	...	11	...	2	3	53
5	7	182	1	...	...	...	...	7	...	2	...	...	...	54
1	1	82	15	...	...	...	...	2	...	2	...	...	...	55
15	24	251	15	...	...	4	1	10	...	10	3	...	1	56
8	11	28	15	...	...	...	1	6	...	6	...	...	1	57
5	9	70	...	...	...	4	...	1	...	3	2	...	...	58
1	1	45	...	...	...	...	...	1	...	1	...	...	...	59
1	3	108	...	...	...	...	...	2	...	...	1	...	...	60
21	30	423	156	15	...	...	2	22	2	7	6	...	4	61
13	15	44	14	...	...	...	2	10	1	3	3	...	1	62
5	7	71	16	15	...	...	...	3	1	2	2	...	3	63
2	2	74	10	...	...	...	...	4	...	...	...	...	...	64
...	...	94	20	...	...	...	...	3	...	...	1	...	...	65
1	6	140	96	...	...	...	...	2	...	2	...	...	...	66
22	39	814	27	...	1	...	...	28	...	11	1	1	3	67
10	17	47	6	...	1	...	...	9	...	5	1	...	1	68
4	7	131	16	...	...	...	...	8	...	3	...	1	1	69
2	4	106	3	...	...	...	...	3	...	1	...	...	...	70
3	6	228	...	...	...	...	...	5	...	1	...	...	...	71
3	5	302	2	...	...	...	...	3	...	1	...	...	1	72

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Ohio—Continued													
1	140 to 179 acres	20	3,238	406	12.5	110	98	119	71	4	1	3	...	...
2	1 to 9 acres irrigated	8	1,318	34	2.6	8	10	7	1	4	1	3	...	...
3	10 to 19 acres irrigated	3	479	35	7.3	20	...	7	8	...	...	...	...	...
4	20 to 29 acres irrigated	1	160	27	16.9	27	...	...	...	...	...	...	...	...
5	30 to 49 acres irrigated	7	1,135	250	22.0	55	88	45	62	...	...	...	...	...
6	50 to 99 acres irrigated	1	146	60	41.1	...	...	60	...	...	...	...	...	...
7	180 to 219 acres	17	3,359	488	14.5	96	296	71	10	15	...	...	...	...
8	1 to 9 acres irrigated	5	1,005	18	1.8	6	6	1	...	5	...	...	...	...
9	10 to 19 acres irrigated	5	954	61	6.4	...	41	...	10	10	...	...	...	...
10	20 to 29 acres irrigated	3	599	60	10.0	30	30	...	...	...	...	...	...	...
11	30 to 49 acres irrigated	1	217	49	22.6	...	49	...	...	...	...	...	...	...
12	50 to 99 acres irrigated	1	184	60	32.6	60	...	...	...	...	...	...	...	...
13	100 to 199 acres irrigated	2	400	240	60.0	...	170	70	...	...	...	...	...	...
14	220 to 259 acres	14	3,350	676	20.2	306	305	33	32	...	...	...	...	...
15	1 to 9 acres irrigated	4	948	17	1.8	7	2	8	...	...	...	...	...	...
16	20 to 29 acres irrigated	4	1,007	89	8.8	...	45	12	32	...	...	...	...	...
17	30 to 49 acres irrigated	2	465	60	12.9	...	53	7	...	...	...	...	...	...
18	50 to 99 acres irrigated	2	449	140	31.2	60	80	...	...	...	...	...	...	...
19	100 to 199 acres irrigated	1	231	120	51.9	114	...	6	...	...	...	...	...	...
20	200 to 259 acres irrigated	1	250	250	100.0	125	125	...	...	...	...	...	...	...
21	260 to 499 acres	41	14,401	2,044	14.2	423	891	361	128	...	240	1	...	...
22	1 to 9 acres irrigated	10	3,389	36	1.1	7	12	12	4	...	...	1	...	...
23	10 to 19 acres irrigated	5	1,491	63	4.2	12	25	14	12	...	...	...	...	...
24	20 to 29 acres irrigated	5	1,612	112	6.9	26	86	...	...	...	...	...	...	...
25	30 to 49 acres irrigated	3	942	110	11.7	55	40	15	...	...	...	...	...	...
26	50 to 99 acres irrigated	11	4,154	773	18.6	152	431	70	90	...	30	...	...	...
27	100 to 199 acres irrigated	6	2,353	750	31.9	121	297	250	22	...	60	...	...	...
28	200 to 499 acres irrigated	1	460	200	43.5	50	...	...	...	...	150	...	...	...
29	500 to 999 acres	27	17,114	2,518	14.7	939	1,145	355	43	25	11	...	...	...
30	1 to 9 acres irrigated	1	550	5	0.9	...	...	...	5	...	...	...	...	...
31	10 to 19 acres irrigated	9	5,466	116	2.1	60	10	23	23	...	...	...	...	...
32	20 to 29 acres irrigated	2	1,123	45	4.0	...	20	...	...	25	...	...	...	...
33	30 to 49 acres irrigated	3	1,785	115	6.4	44	43	17	...	...	11	...	...	...
34	50 to 99 acres irrigated	2	1,556	155	10.0	75	...	80	...	...	...	...	...	...
35	100 to 199 acres irrigated	5	3,049	615	20.2	350	145	120	...	...	...	...	...	...
36	200 to 499 acres irrigated	4	2,976	967	32.5	210	727	15	15	...	...	...	...	...
37	500 to 999 acres irrigated	1	609	500	82.1	200	200	100	...	...	...	...	...	...
38	1,000 or more acres	6	8,357	139	1.7	68	60	1	...	10	...	...	...	...
39	1 to 9 acres irrigated	2	2,794	8	0.3	7	...	1	...	...	...	...	...	...
40	10 to 19 acres irrigated	1	1,647	11	0.7	11	...	...	...	...	...	...	...	...
41	30 to 49 acres irrigated	2	2,416	70	2.9	...	60	...	...	10	...	...	...	...
42	50 to 99 acres irrigated	1	1,500	50	3.3	50	...	...	...	...	...	...	...	...
43	Indiana, total	330	96,044	13,429	14.0	5,539	3,196	509	475	834	2,660	10	...	206
44	Under 10 acres	43	196	115	58.7	98	3	1	3	1	3	6	...	...
45	1 to 9 acres irrigated	43	196	115	58.7	98	3	1	3	1	3	6	...	...
46	10 to 49 acres	73	1,629	547	33.6	408	37	66	8	9	19	...	...	...
47	1 to 9 acres irrigated	50	1,016	201	19.8	147	21	13	8	9	3	...	...	...
48	10 to 19 acres irrigated	20	493	253	51.3	213	16	8	...	...	16	...	...	...
49	20 to 29 acres irrigated	2	75	48	64.0	48	...	...	...	...	...	...	...	...
50	30 to 49 acres irrigated	1	45	45	100.0	...	...	45	...	...	...	...	...	...
51	50 to 69 acres	17	993	246	24.8	116	29	41	20	26	12	2	...	...
52	1 to 9 acres irrigated	8	457	33	7.2	8	9	11	...	1	2	2	...	...
53	10 to 19 acres irrigated	3	187	38	20.3	28	10	...	...	...	...	...	...	...
54	20 to 29 acres irrigated	3	156	65	41.7	20	10	10	...	25	...	...	...	...
55	30 to 49 acres irrigated	3	193	110	57.0	60	...	20	20	...	10	...	...	...
56	70 to 99 acres	13	1,072	142	13.2	43	31	15	33	...	18	2	...	...
57	1 to 9 acres irrigated	7	573	20	3.5	1	6	5	3	...	3	2	...	...
58	10 to 19 acres irrigated	3	254	37	14.6	12	...	10	...	...	15	...	...	...
59	20 to 29 acres irrigated	1	80	25	31.3	...	25	...	...	...	...	...	...	...
60	30 to 49 acres irrigated	2	165	60	36.4	30	...	...	30	...	...	...	...	...
61	100 to 139 acres	20	2,302	499	21.7	84	274	15	67	4	55	...	...	...
62	1 to 9 acres irrigated	8	905	29	3.2	1	19	...	5	4	...	...	...	...
63	20 to 29 acres irrigated	6	668	128	19.2	40	48	...	...	...	40	...	...	...
64	30 to 49 acres irrigated	2	231	77	33.3	...	47	15	...	...	15	...	...	...
65	50 to 99 acres irrigated	3	368	155	42.1	43	50	...	62	...	...	...	...	...
66	100 to 139 acres irrigated	1	130	110	84.6	...	110	...	...	...	...	...	...	...
67	140 to 179 acres	30	4,698	418	8.9	135	87	99	30	22	45	...	...	...
68	1 to 9 acres irrigated	16	2,497	47	1.9	12	18	1	14	2	...	...	...	...
69	10 to 19 acres irrigated	7	1,135	90	7.9	21	...	38	16	...	15	...	...	...
70	20 to 29 acres irrigated	1	147	20	13.6	...	...	...	...	20	...	...	...	...
71	30 to 49 acres irrigated	4	614	131	21.3	32	69	...	...	...	30	...	...	...
72	50 to 99 acres irrigated	2	305	130	42.6	70	...	60	...	...	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
9	16	350	55	...	...	1	...	11	1	5	1	1	3	1
3	4	30	3	...	...	1	...	5	...	1	1	1	1	2
1	3	25	10	...	...	...	...	1	...	1	...	...	1	3
...	...	27	...	...	...	...	...	...	...	1	...	...	...	4
4	7	208	42	...	...	...	...	5	...	2	...	...	1	5
1	2	60	...	...	...	...	...	...	1	...	...	...	...	6
5	9	483	5	...	...	...	...	7	1	6	2	...	2	7
2	2	16	2	...	...	...	...	2	...	3	...	...	...	8
2	3	58	3	...	...	...	...	2	...	1	1	...	1	9
...	...	60	...	...	...	...	...	1	...	1	1	...	...	10
...	...	49	...	...	...	...	...	1	...	...	...	...	...	11
...	...	60	...	...	...	...	...	...	1	...	...	...	...	12
1	4	240	...	...	...	...	...	1	...	1	...	...	1	13
7	13	613	51	...	10	2	...	4	...	4	4	...	2	14
1	1	14	1	...	...	2	...	...	...	2	...	...	2	15
2	3	89	...	...	...	...	...	2	...	...	2	...	...	16
2	4	60	...	...	...	...	...	...	...	...	2	...	...	17
...	...	130	...	...	10	...	...	2	...	...	...	...	...	18
1	1	120	...	...	...	...	...	...	...	1	...	...	...	19
1	4	200	50	...	...	...	...	...	...	1	...	...	...	20
24	42	1,723	181	5	...	155	...	24	1	10	4	1	5	21
7	10	26	5	5	...	...	...	4	...	3	1	1	1	22
4	6	63	...	...	...	...	...	4	...	...	1	...	...	23
1	4	112	...	...	...	...	...	3	...	1	...	...	2	24
3	3	110	...	...	...	...	...	1	...	...	1	...	1	25
3	4	773	...	...	...	...	...	6	1	3	1	...	1	26
5	13	539	76	...	...	155	...	5	...	2	...	...	...	27
1	2	100	100	...	...	...	...	1	...	1	...	...	...	28
14	32	2,490	28	...	...	...	...	17	1	9	2	...	1	29
1	2	5	...	...	...	...	...	1	...	...	...	...	...	30
4	10	95	21	...	...	...	...	3	...	4	2	...	...	31
2	5	45	...	...	...	...	...	2	...	...	...	...	...	32
2	5	108	7	...	...	...	...	2	...	2	...	...	...	33
1	2	155	...	...	...	...	...	1	1	1	...	...	...	34
2	3	615	...	...	...	...	...	3	...	1	...	...	1	35
1	3	967	...	...	...	...	...	4	...	1	...	...	...	36
1	2	500	...	...	...	...	...	1	...	...	...	...	...	37
2	6	103	36	...	...	...	...	2	...	3	2	...	...	38
1	4	8	...	...	...	...	...	...	...	1	1	...	...	39
...	...	...	11	...	...	...	...	...	...	1	...	...	...	40
1	2	70	...	...	...	...	...	2	...	...	1	...	...	41
...	...	25	25	...	...	...	...	...	...	1	...	...	...	42
115	214	11,284	479	229	178	1,256	3	167	24	95	41	6	19	43
4	4	53	58	2	...	...	2	8	...	29	...	4	2	44
4	4	53	58	2	...	...	2	8	...	29	...	4	2	45
21	32	345	200	1	1	...	...	24	...	43	7	...	4	46
15	25	109	90	1	1	...	...	14	...	28	5	...	4	47
4	4	143	110	...	...	...	...	8	...	14	2	...	...	48
1	1	48	...	...	...	...	...	1	...	1	...	...	...	49
1	2	45	...	...	...	...	...	1	...	...	...	...	...	50
5	7	226	20	...	...	...	...	11	...	2	...	1	3	51
1	1	33	...	...	...	...	...	5	...	1	...	1	1	52
1	1	38	...	...	...	...	...	3	...	...	...	...	...	53
1	1	45	20	...	...	...	...	1	...	1	...	...	1	54
2	4	110	...	...	...	...	...	2	...	...	...	...	1	55
7	14	117	25	...	...	...	...	7	1	1	5	...	...	56
3	6	20	...	...	...	...	...	4	...	...	4	...	...	57
2	2	37	...	...	...	...	...	2	...	...	1	...	...	58
1	1	25	...	...	...	...	...	...	1	...	...	...	...	59
1	5	35	25	...	...	...	...	1	...	1	...	...	...	60
8	17	463	35	...	...	...	1	14	1	3	5	...	2	61
3	7	28	...	...	...	...	1	6	...	...	2	...	...	62
2	2	128	...	...	...	...	...	4	1	...	3	...	1	63
1	1	62	15	...	...	...	...	2	...	1	...	...	...	64
2	7	135	20	...	...	...	...	2	...	1	...	...	1	65
...	...	110	...	...	...	...	...	...	...	1	...	...	...	66
16	37	406	10	...	2	...	...	17	3	3	5	...	2	67
9	20	45	...	...	2	...	...	10	...	1	3	...	2	68
6	16	80	10	...	...	...	...	2	2	1	2	...	...	69
...	...	20	...	...	...	...	...	1	...	...	...	...	...	70
...	...	131	...	...	...	...	...	3	...	1	...	...	...	71
1	1	130	...	...	...	...	...	1	1	...	...	...	...	72

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State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Indiana—Continued													
1	180 to 219 acres	16	3,255	655	20.1	148	207	33	27	...	240	...	...	...
2	1 to 9 acres irrigated	4	813	14	1.7	...	6	6	2	...	...	...	...	...
3	10 to 19 acres irrigated	1	208	13	6.3	13	...	...	...	...	...	...	...	...
4	20 to 29 acres irrigated	2	396	40	10.1	20	...	...	...	...	20	...	...	...
5	30 to 49 acres irrigated	2	405	70	17.3	40	30	...	...	...	...	...	...	...
6	50 to 99 acres irrigated	5	1,008	310	30.8	75	90	...	25	...	120	...	...	...
7	100 to 199 acres irrigated	2	425	208	48.9	...	81	27	...	...	100	...	...	...
8	220 to 259 acres	12	2,847	521	18.3	84	172	50	...	2	213	...	...	...
9	1 to 9 acres irrigated	3	713	14	2.0	...	7	...	...	2	5	...	...	...
10	10 to 19 acres irrigated	3	735	34	4.6	24	5	...	...	...	5	...	...	...
11	50 to 99 acres irrigated	4	925	273	29.5	60	110	...	...	...	103	...	...	...
12	100 to 199 acres irrigated	2	474	200	42.2	...	50	50	...	...	100	...	...	...
13	260 to 499 acres	60	22,409	3,304	14.7	897	1,113	161	112	592	429	...	...	...
14	1 to 9 acres irrigated	14	4,892	61	1.2	22	23	7	7	2	...	...	...	...
15	10 to 19 acres irrigated	5	1,874	66	3.5	24	14	...	...	...	28	...	...	...
16	20 to 29 acres irrigated	6	2,345	142	6.1	50	43	24	25	...	...	...	...	...
17	30 to 49 acres irrigated	7	2,700	251	9.3	...	85	130	...	...	36	...	...	...
18	50 to 99 acres irrigated	17	6,371	1,179	18.5	319	465	...	80	10	305	...	...	...
19	100 to 199 acres irrigated	8	2,788	875	31.4	282	483	...	...	50	60	...	...	...
20	200 to 499 acres irrigated	3	1,439	730	50.7	200	...	...	...	530	...	...	...	...
21	500 to 999 acres	27	17,210	2,057	12.0	831	692	6	135	8	385	...	...	...
22	1 to 9 acres irrigated	3	1,924	16	0.8	8	...	...	...	8	...	...	...	...
23	10 to 19 acres irrigated	5	3,868	66	1.7	9	35	2	11	...	9	...	...	...
24	20 to 29 acres irrigated	4	2,364	99	4.2	12	70	4	7	...	6	...	...	...
25	30 to 49 acres irrigated	1	702	40	5.7	40	...	...	...	...	...	...	...	...
26	50 to 99 acres irrigated	4	2,550	242	9.5	192	...	...	...	...	50	...	...	...
27	100 to 199 acres irrigated	7	4,162	860	20.7	450	410	...	...	...	...	...	...	...
28	200 to 499 acres irrigated	3	1,640	734	44.8	120	177	...	117	...	320	...	...	...
29	1,000 or more acres	19	39,433	4,925	12.5	2,695	551	22	40	170	1,241	...	...	206
30	1 to 9 acres irrigated	2	2,024	13	0.6	13	...	...	...	...	...	...	...	...
31	10 to 19 acres irrigated	3	4,625	52	1.1	34	...	2	...	...	...	...	...	16
32	30 to 49 acres irrigated	2	6,700	76	1.1	36	...	...	40	...	...	...	...	...
33	50 to 99 acres irrigated	1	1,130	60	5.3	...	60	...	...	...	...	...	...	...
34	100 to 199 acres irrigated	3	5,392	424	7.9	194	...	...	...	...	230	...	...	...
35	200 to 499 acres irrigated	6	12,637	1,480	11.7	600	390	...	...	150	150	...	...	190
36	500 to 999 acres irrigated	1	1,575	800	50.8	...	...	...	...	...	800	...	...	...
37	1,000 or more acres irrigated	1	5,350	2,020	37.8	1,818	101	20	...	20	61	...	...	...
38	Illinois, total	199	50,750	6,923	13.6	3,688	1,147	765	739	70	455	59	...	...
39	Under 10 acres	20	74	40	54.1	21	3	...	2	2	...	12	...	...
40	1 to 9 acres irrigated	20	74	40	54.1	21	3	...	2	2	...	12	...	...
41	10 to 49 acres	28	726	207	28.5	85	66	10	6	...	19	21	...	...
42	1 to 9 acres irrigated	19	449	60	13.4	14	14	5	6	...	...	21	...	...
43	10 to 19 acres irrigated	6	154	80	51.9	51	10	...	...	...	19	...	...	...
44	20 to 29 acres irrigated	3	123	67	54.5	20	42	5	...	...	...	...	...	...
45	50 to 69 acres	8	447	145	32.4	63	40	...	7	...	35	...	...	...
46	1 to 9 acres irrigated	4	226	24	10.6	12	5	...	7	...	...	...	...	...
47	10 to 19 acres irrigated	1	57	15	26.3	15	...	...	...	...	...	...	...	...
48	30 to 49 acres irrigated	3	164	106	64.6	36	35	...	...	...	35	...	...	...
49	70 to 99 acres	20	1,698	503	29.6	238	133	75	57	...	...	...	...	...
50	1 to 9 acres irrigated	7	610	29	4.8	22	...	...	7	...	...	...	...	...
51	10 to 19 acres irrigated	3	242	46	19.0	31	15	...	...	...	...	...	...	...
52	20 to 29 acres irrigated	4	308	85	27.6	65	...	...	20	...	...	...	...	...
53	30 to 49 acres irrigated	3	265	123	46.4	40	83	...	...	...	...	...	...	...
54	50 to 99 acres irrigated	3	273	220	80.6	80	35	75	30	...	...	...	...	...
55	100 to 139 acres	17	1,963	207	10.5	76	6	12	74	3	10	26	...	...
56	1 to 9 acres irrigated	8	924	27	2.9	11	6	4	2	3	...	1	...	...
57	10 to 19 acres irrigated	6	681	70	10.3	45	...	8	7	...	10	...	...	...
58	20 to 29 acres irrigated	2	238	45	18.9	20	...	...	...	...	...	25	...	...
59	50 to 99 acres irrigated	1	120	65	54.2	...	...	...	65	...	...	...	...	...
60	140 to 179 acres	21	3,321	517	15.6	261	68	42	48	...	98	...	...	...
61	1 to 9 acres irrigated	2	345	16	4.6	16	...	...	...	...	...	...	...	...
62	10 to 19 acres irrigated	4	596	50	8.4	34	...	...	16	...	...	...	...	...
63	20 to 29 acres irrigated	9	1,424	193	13.6	120	33	40	...	...	...	...	...	...
64	30 to 49 acres irrigated	4	631	140	22.2	40	35	2	32	...	31	...	...	...
65	50 to 99 acres irrigated	2	325	118	36.3	51	...	...	...	...	67	...	...	...
66	180 to 219 acres	18	3,552	657	18.5	552	10	...	73	20	2	...	...	...
67	1 to 9 acres irrigated	3	602	14	2.3	11	...	...	1	...	2	...	...	...
68	10 to 19 acres irrigated	1	201	15	7.5	...	...	...	15	...	...	...	...	...
69	20 to 29 acres irrigated	6	1,203	130	10.8	100	10	...	...	20	...	...	...	...
70	30 to 49 acres irrigated	4	784	138	17.6	138	...	...	...	...	...	...	...	...
71	50 to 99 acres irrigated	2	397	120	30.2	63	...	...	57	...	...	...	...	...
72	100 to 199 acres irrigated	2	365	240	65.8	240	...	...	...	...	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
6	9	610	...	45	...	...	...	12	1	...	3	...	1	1
2	4	14	...	...	...	...	...	3	...	...	...	...	1	2
...	...	13	...	...	...	...	...	1	...	...	...	...	...	3
...	...	40	...	...	...	...	...	1	...	...	1	...	...	4
1	1	70	...	...	...	...	...	2	1	...	...	...	...	5
2	3	265	...	45	...	...	...	4	...	...	1	...	...	6
1	1	208	...	...	...	...	...	1	...	...	1	...	...	7
4	4	519	...	1	...	1	...	10	1	...	1	...	...	8
1	1	12	...	1	...	1	...	2	...	...	1	...	...	9
1	1	34	...	...	...	...	...	3	...	...	...	...	...	10
...	...	273	...	...	...	...	...	4	...	...	...	...	...	11
2	2	200	...	...	...	...	...	1	1	...	...	...	...	12
26	55	2,986	3	180	...	135	...	37	8	5	9	1	2	13
7	18	58	3	...	...	...	...	8	...	3	3	...	...	14
...	...	66	...	...	...	...	...	2	2	...	1	...	...	15
2	6	142	...	...	...	...	...	5	...	1	1	...	...	16
5	9	251	...	...	...	...	...	5	1	...	2	...	...	17
8	12	1,039	...	80	...	60	...	9	2	1	2	1	2	18
2	5	700	...	100	...	75	...	6	2	...	...	...	...	19
2	5	730	...	...	...	...	...	2	1	...	...	...	...	20
11	17	1,829	53	...	175	...	...	17	5	3	4	...	2	21
1	1	16	...	...	...	...	...	2	...	...	1	...	...	22
3	7	66	...	...	...	...	...	3	...	...	1	...	2	23
3	4	84	...	...	15	...	...	3	1	...	1	...	...	24
...	...	40	...	...	...	...	...	...	...	...	1	...	...	25
2	3	242	...	...	...	...	...	2	1	1	...	...	...	26
...	...	697	3	...	160	...	...	5	2	1	...	...	...	27
2	2	684	50	...	...	...	...	2	1	1	...	...	...	28
7	18	3,730	75	...	...	1,120	...	10	4	6	2	...	1	29
...	...	8	5	...	...	...	...	...	...	2	...	...	...	30
1	1	18	34	...	...	...	...	...	...	2	...	...	1	31
1	1	40	36	...	...	...	...	1	...	1	...	...	...	32
1	1	60	...	...	...	...	...	...	1	...	...	...	...	33
...	...	424	...	...	...	...	...	2	...	...	1	...	...	34
3	7	1,480	...	...	...	...	...	5	3	1	...	...	...	35
...	...	...	...	...	...	800	...	1	...	...	1	...	...	36
1	8	1,700	...	...	...	320	...	1	...	...	...	...	...	37
67	152	5,890	384	605	37	6	1	93	14	41	39	14	18	38
4	4	30	7	2	...	...	1	3	...	7	...	8	2	39
4	4	30	7	2	...	...	1	3	...	7	...	8	2	40
7	11	190	15	1	1	...	...	13	1	7	2	4	4	41
5	7	53	5	1	1	...	...	7	...	6	1	4	2	42
1	1	70	10	...	...	...	...	4	1	1	...	...	1	43
1	3	67	...	...	...	...	...	2	...	...	1	...	1	44
3	6	103	36	...	6	...	...	4	1	4	...	...	...	45
2	5	18	...	...	6	...	...	2	...	2	...	...	...	46
...	...	15	...	...	...	...	...	...	...	1	...	...	...	47
1	1	70	36	...	...	...	...	2	1	1	...	...	...	48
8	13	450	1	27	25	...	...	13	...	4	2	...	2	49
3	6	21	1	7	...	...	...	4	...	2	...	...	1	50
...	...	46	...	...	...	...	...	2	...	1	...	...	...	51
3	5	40	...	20	25	...	...	3	...	1	1	...	...	52
...	...	123	...	...	...	...	...	1	...	...	1	...	1	53
2	2	220	...	...	...	...	...	3	...	...	...	...	...	54
7	20	179	21	1	...	6	...	7	1	5	3	2	1	55
5	15	19	1	1	...	6	...	3	1	2	2	1	1	56
1	4	70	...	...	...	...	...	3	...	3	...	...	...	57
...	...	25	20	...	...	...	...	...	...	...	1	1	...	58
1	1	65	...	...	...	...	...	1	...	...	...	...	...	59
5	11	430	83	4	...	...	...	11	1	5	7	...	1	60
1	2	12	...	4	...	...	...	1	...	...	2	...	...	61
1	2	50	...	...	...	...	...	4	...	1	1	...	...	62
2	2	167	26	...	...	...	...	4	1	2	2	...	1	63
1	5	83	57	...	...	...	...	1	...	2	1	...	...	64
...	...	118	...	...	...	...	...	1	...	...	1	...	...	65
6	11	657	...	...	...	...	...	9	2	3	6	...	1	66
2	4	14	...	...	...	...	...	2	...	...	1	...	...	67
1	4	15	...	...	...	...	...	...	...	...	1	...	...	68
2	2	130	...	...	...	...	...	3	...	1	1	...	1	69
...	...	138	...	...	...	...	...	3	1	1	1	...	...	70
1	1	120	...	...	...	...	...	...	...	...	2	...	...	71
...	...	240	...	...	...	...	...	1	1	1	...	...	...	72

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Illinois—Continued													
1	220 to 259 acres	15	3,521	773	22.0	367	201	...	50	...	155	...	...	...
2	1 to 9 acres irrigated	2	477	9	1.9	9	...	...	...	...	...	...	...	...
3	10 to 19 acres irrigated	1	220	15	6.8	15	...	...	...	...	...	...	...	...
4	20 to 29 acres irrigated	3	725	70	9.7	63	7	...	...	...	...	...	...	...
5	30 to 49 acres irrigated	3	689	117	17.0	80	37	...	...	...	...	...	...	...
6	50 to 99 acres irrigated	4	931	295	31.7	50	40	...	50	...	155	...	...	...
7	100 to 199 acres irrigated	2	479	267	55.7	150	117	...	...	...	...	...	...	...
8	260 to 499 acres	30	10,813	1,774	16.4	1,117	423	60	149	5	20	...	...	...
9	1 to 9 acres irrigated	3	1,000	15	1.5	10	...	...	...	5	...	...	...	...
10	10 to 19 acres irrigated	4	1,419	48	3.4	...	14	10	24	...	...	...	...	...
11	20 to 29 acres irrigated	3	1,175	60	5.1	20	...	20	...	...	20	...	...	...
12	30 to 49 acres irrigated	6	2,174	212	9.8	143	5	...	64	...	...	...	...	...
13	50 to 99 acres irrigated	7	2,401	509	21.2	324	144	30	11	...	...	...	...	...
14	100 to 199 acres irrigated	6	2,244	730	32.5	420	260	...	50	...	...	...	...	...
15	200 to 499 acres irrigated	1	400	200	50.0	200	...	...	...	...	...	...	...	...
16	500 to 999 acres irrigated	16	10,039	1,125	11.2	559	168	160	187	40	11	...	...	...
17	1 to 9 acres irrigated	2	1,050	8	0.8	...	...	1	7	...	...	...	...	...
18	10 to 19 acres irrigated	2	1,372	20	1.5	...	...	...	...	10	10	...	...	...
19	20 to 29 acres irrigated	1	654	20	3.1	19	...	...	...	...	1	...	...	...
20	30 to 49 acres irrigated	3	1,972	95	4.8	65	...	...	...	30	...	...	...	...
21	50 to 99 acres irrigated	3	2,116	195	9.2	115	...	...	80	...	...	...	...	...
22	100 to 199 acres irrigated	4	2,250	587	26.0	160	168	159	100	...	...	...	...	...
23	200 to 499 acres irrigated	1	625	200	32.0	200	...	...	...	...	...	...	...	...
24	1,000 or more acres	6	14,596	975	6.7	349	29	406	86	...	105	...	...	...
25	1 to 9 acres irrigated	1	5,200	8	0.2	...	...	...	8	...	...	...	...	...
26	10 to 19 acres irrigated	1	1,480	10	0.7	10	...	...	...	...	...	...	...	...
27	50 to 99 acres irrigated	1	1,050	90	8.6	...	...	...	...	...	90	...	...	...
28	100 to 199 acres irrigated	1	1,650	150	9.1	132	3	...	...	...	15	...	...	...
29	200 to 499 acres irrigated	1	1,991	200	10.0	...	...	200	...	...	...	...	...	...
30	500 to 999 acres irrigated	1	3,225	517	16.0	207	26	206	78	...	...	...	...	...
31	Michigan, total	1,417	267,913	31,418	11.7	10,430	9,695	5,475	1,641	2,104	1,744	251	...	78
32	Under 10 acres	83	429	238	55.5	148	19	21	...	13	3	34	...	...
33	1 to 9 acres irrigated	83	429	238	55.5	148	19	21	...	13	3	34	...	...
34	10 to 49 acres	338	10,064	3,017	30.0	1,198	670	631	197	124	165	27	...	5
35	1 to 9 acres irrigated	208	5,867	884	15.1	377	193	141	74	39	52	3	...	5
36	10 to 19 acres irrigated	88	2,659	1,069	40.2	342	260	333	64	...	46	24	...	...
37	20 to 29 acres irrigated	30	1,076	666	61.9	368	87	124	59	26	2	...	...	...
38	30 to 49 acres irrigated	12	462	398	86.1	111	130	33	...	59	65	...	...	...
39	50 to 69 acres	122	7,101	1,531	21.6	429	449	297	79	105	156	3	...	13
40	1 to 9 acres irrigated	58	3,340	243	7.3	55	52	54	23	37	15	3	...	4
41	10 to 19 acres irrigated	36	2,141	479	22.4	108	175	97	36	15	39	...	...	9
42	20 to 29 acres irrigated	16	912	341	37.4	70	91	72	20	20	68	...	...	...
43	30 to 49 acres irrigated	9	523	303	57.9	81	131	24	...	33	34	...	...	...
44	50 to 69 acres irrigated	3	185	165	89.2	115	...	50	...	...	...	...	...	...
45	70 to 99 acres	191	15,593	2,887	18.5	870	828	608	157	174	219	20	...	11
46	1 to 9 acres irrigated	87	7,110	425	6.0	63	104	128	61	40	19	...	...	10
47	10 to 19 acres irrigated	46	3,748	607	16.2	224	109	111	56	82	24	...	...	1
48	20 to 29 acres irrigated	29	2,353	661	28.1	132	184	233	40	27	25	20	...	...
49	30 to 49 acres irrigated	22	1,826	767	42.0	316	192	106	...	25	128	...	...	...
50	50 to 99 acres irrigated	7	556	427	76.8	135	239	30	...	...	23	...	...	...
51	100 to 139 acres	157	18,573	2,681	14.4	799	682	774	186	181	57	...	...	2
52	1 to 9 acres irrigated	60	7,090	260	3.7	36	89	77	34	21	3	...	...	...
53	10 to 19 acres irrigated	46	5,522	579	10.5	164	201	91	69	46	6	...	...	2
54	20 to 29 acres irrigated	18	2,125	398	18.7	93	163	73	29	40	...	...	...	...
55	30 to 49 acres irrigated	21	2,429	749	30.8	260	189	212	54	24	10	...	...	...
56	50 to 99 acres irrigated	12	1,407	695	49.4	246	40	321	...	50	38	...	...	...
57	140 to 179 acres	130	20,540	3,097	15.1	1,053	1,075	489	147	267	66	...	...	...
58	1 to 9 acres irrigated	32	5,020	137	2.7	28	46	50	2	6	5	...	...	...
59	10 to 19 acres irrigated	34	5,346	467	8.7	53	229	70	56	59	...	...	...	...
60	20 to 29 acres irrigated	22	3,497	502	14.4	166	131	146	21	23	15	...	...	...
61	30 to 49 acres irrigated	30	4,810	1,104	23.0	338	317	156	68	179	46	...	...	...
62	50 to 99 acres irrigated	10	1,587	637	40.1	218	352	67	...	...	...	...	...	...
63	100 to 179 acres irrigated	2	280	250	89.3	250	...	...	...	...	...	...	...	...
64	180 to 219 acres	78	15,341	2,520	16.4	606	860	524	154	225	135	16	...	...
65	1 to 9 acres irrigated	14	2,794	65	2.3	11	22	19	5	8	...	...	...	...
66	10 to 19 acres irrigated	18	3,579	248	6.9	25	79	81	42	5	...	16	...	...
67	20 to 29 acres irrigated	11	2,127	230	10.8	40	57	54	12	30	37	...	...	...
68	30 to 49 acres irrigated	17	3,333	609	18.3	125	208	176	12	70	18	...	...	...
69	50 to 99 acres irrigated	15	2,893	998	34.5	305	260	158	83	112	80	...	...	...
70	100 to 199 acres irrigated	3	615	370	60.2	100	234	36	...	...	...	...	...	...
71	220 to 259 acres	66	15,718	2,458	15.6	1,010	682	338	25	258	115	5	...	25
72	1 to 9 acres irrigated	13	3,064	62	2.0	6	21	3	6	17	4	5	...	...
73	10 to 19 acres irrigated	10	2,380	134	5.6	14	42	44	6	13	15	...	...	...
74	20 to 29 acres irrigated	12	2,877	268	9.3	44	121	19	11	73	...	...	...	...
75	30 to 49 acres irrigated	14	3,362	543	16.2	148	181	134	2	21	32	...	...	25
76	50 to 99 acres irrigated	10	2,337	674	28.8	357	116	41	...	96	64	...	...	...
77	100 to 199 acres irrigated	7	1,698	777	45.8	441	201	97	...	38	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
4	9	628	85	60	...	...	...	7	1	4	3	...	1	1
...	...	9	...	...	...	...	...	...	...	2	...	...	...	2
...	...	15	...	...	...	...	...	1	...	...	...	...	...	3
1	3	70	...	...	...	...	...	3	...	...	...	...	...	4
...	...	117	...	...	...	...	...	2	1	1	...	...	...	5
2	5	150	85	60	...	...	...	1	...	1	2	...	...	6
1	1	267	...	...	...	...	...	...	...	...	1	...	1	7
12	29	1,553	136	80	5	...	...	18	3	2	7	...	4	8
...	...	14	1	...	...	...	...	1	...	1	...	...	1	9
3	10	48	...	...	...	...	...	2	...	...	1	...	1	10
1	1	60	...	...	...	...	...	2	1	...	...	...	...	11
2	7	207	...	...	5	...	...	4	...	1	2	...	...	12
4	5	429	...	80	...	...	...	5	...	...	2	...	1	13
2	6	595	135	...	...	...	...	4	1	...	2	...	1	14
...	...	200	...	...	...	...	...	...	1	...	...	...	...	15
8	25	1,045	...	80	...	...	...	6	4	...	6	...	1	16
2	6	8	...	...	...	...	...	...	...	...	2	...	...	17
2	4	20	...	...	...	...	...	2	...	...	...	...	...	18
...	...	20	...	...	...	...	...	1	...	...	1	...	...	19
1	4	95	...	...	...	...	...	2	...	...	...	...	1	20
1	1	115	...	80	...	...	...	...	1	...	2	...	...	21
2	10	587	...	...	...	...	...	1	2	...	1	...	...	22
...	...	200	...	...	...	...	...	...	1	...	...	...	...	23
3	13	625	...	350	...	...	...	2	...	...	3	...	1	24
1	2	8	...	...	...	...	...	1	...	...	...	...	...	25
...	...	10	...	...	...	...	...	...	...	...	1	...	...	26
...	...	90	...	...	...	...	...	...	...	...	1	...	...	27
...	...	...	...	150	...	...	...	...	...	...	1	...	...	28
1	1	...	...	200	...	...	...	...	...	...	...	...	1	29
1	10	517	...	...	...	...	...	1	...	...	...	...	...	30
722	1,121	29,964	888	108	120	339	6	919	31	304	153	27	82	31
13	14	109	116	1	...	6	6	11	...	46	1	13	13	32
13	14	109	116	1	...	6	6	11	...	46	1	13	13	33
145	179	2,588	374	...	53	2	...	194	...	110	22	4	20	34
81	102	774	92	...	16	2	...	118	...	69	12	2	10	35
48	55	902	135	...	32	...	...	54	...	24	7	2	6	36
11	14	569	92	...	5	...	...	16	...	14	2	...	2	37
5	8	343	55	...	...	...	...	6	...	3	1	...	2	38
61	75	1,472	58	1	...	...	...	84	3	23	12	2	3	39
28	34	239	3	1	...	...	...	40	...	11	6	2	1	40
19	25	479	...	...	...	...	...	26	1	4	6	...	1	41
10	12	301	40	...	...	...	...	10	2	4	...	...	1	42
3	3	288	15	...	...	...	...	6	...	3	...	...	...	43
1	1	165	...	...	...	...	...	2	...	1	...	...	...	44
113	171	2,800	70	14	3	...	...	143	...	31	22	1	9	45
54	87	404	18	...	3	...	...	65	...	11	13	...	4	46
27	33	593	...	14	...	...	...	35	...	7	5	...	2	47
17	32	609	52	...	...	...	...	21	...	7	1	1	1	48
11	14	767	...	...	...	...	...	18	...	4	2	...	2	49
4	5	427	...	...	...	...	...	4	...	2	1	...	...	50
94	141	2,516	35	90	47	...	...	119	...	24	18	...	6	51
34	43	253	...	7	7	...	...	43	...	10	4	...	4	52
28	39	579	...	...	...	...	...	37	...	5	7	...	...	53
10	18	367	31	...	...	...	...	13	...	2	4	...	2	54
13	26	675	4	30	40	...	...	16	...	4	3	...	...	55
9	15	642	...	53	...	...	...	10	...	3	...	...	...	56
73	122	2,943	93	2	...	59	...	102	3	15	14	2	5	57
20	34	134	1	2	...	...	...	21	...	5	5	1	...	58
19	36	440	27	...	...	...	...	30	...	2	3	...	2	59
15	25	502	...	...	...	...	...	18	...	4	2	...	...	60
14	22	1,104	...	...	...	...	...	25	1	3	4	...	2	61
5	5	513	65	...	...	59	...	7	...	1	...	1	1	62
...	...	250	...	...	...	...	...	1	2	...	...	...	...	63
48	89	2,439	41	...	...	40	...	53	2	11	12	...	4	64
6	10	65	...	...	...	...	...	9	...	2	2	...	1	65
14	21	234	14	...	...	...	...	10	...	3	5	...	1	66
7	12	230	...	...	...	...	...	9	...	...	3	...	1	67
10	19	584	25	...	...	...	...	12	2	1	2	...	...	68
9	24	956	2	...	...	40	...	11	...	4	...	...	1	69
2	3	370	...	...	...	...	...	2	...	1	...	...	...	70
36	65	2,446	12	...	...	...	...	46	3	7	14	1	5	71
5	7	62	...	...	...	...	...	9	...	1	2	1	...	72
6	12	134	...	...	...	...	...	5	1	1	2	...	1	73
8	13	268	...	...	...	...	...	10	...	1	3	...	1	74
8	15	543	...	...	...	...	...	10	1	1	4	...	2	75
5	13	674	...	...	...	...	...	8	1	...	2	...	...	76
4	5	765	12	...	...	...	...	4	...	3	1	...	1	77

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Michigan—Continued													
1	260 to 499 acres	166	57,643	7,195	12.5	2,046	2,422	1,091	449	637	422	106	...	22
2	1 to 9 acres irrigated	20	7,121	76	1.1	6	10	32	14	11	2	1	...	...
3	10 to 19 acres irrigated	37	12,631	520	4.1	106	179	76	31	115	9	4	...	...
4	20 to 29 acres irrigated	25	8,495	578	6.8	61	190	179	11	103	2	10	...	22
5	30 to 49 acres irrigated	33	11,102	1,190	10.7	275	354	334	9	56	162	...	...	...
6	50 to 99 acres irrigated	34	12,216	2,114	17.3	773	736	245	29	289	42	...	...	...
7	100 to 199 acres irrigated	14	4,928	1,701	34.5	650	386	225	172	63	205	...	...	...
8	200 to 499 acres irrigated	3	1,150	1,016	88.3	175	567	...	183	...	...	91	...	...
9	500 to 999 acres	65	43,390	4,430	10.2	1,558	1,572	591	232	91	386	...	...	...
10	1 to 9 acres irrigated	12	8,263	57	0.7	21	22	13	1	...	...	...	...	...
11	10 to 19 acres irrigated	9	5,409	104	1.9	18	53	31	...	...	2	...	...	...
12	20 to 29 acres irrigated	5	3,694	120	3.2	...	114	...	6	...	...	...	...	...
13	30 to 49 acres irrigated	10	7,070	352	5.0	44	197	71	5	35	...	...	...	...
14	50 to 99 acres irrigated	11	7,135	862	12.1	166	546	88	62	...	...	...	...	...
15	100 to 199 acres irrigated	13	8,499	1,816	21.4	904	285	278	158	56	135	...	...	...
16	200 to 499 acres irrigated	5	3,320	1,119	33.7	405	355	110	...	...	249	...	...	...
17	1,000 or more acres	21	63,521	1,364	2.1	713	436	111	15	29	20	40	...	...
18	1 to 9 acres irrigated	8	19,390	23	0.1	4	2	7	...	5	5	...	...	...
19	20 to 29 acres irrigated	3	5,474	60	1.1	...	20	...	...	...	...	40	...	...
20	30 to 49 acres irrigated	2	3,073	70	2.3	...	40	...	15	...	15	...	...	...
21	100 to 199 acres irrigated	6	32,299	791	2.4	489	174	104	...	24	...	...	...	...
22	200 to 499 acres irrigated	2	3,285	420	12.8	220	200	...	...	...	...	...	...	...
23	Wisconsin, total	479	265,040	28,239	10.7	14,468	4,751	4,291	744	1,865	1,952	54	...	114
24	Under 10 acres	19	92	48	52.2	29	8	10	...	...	...	1	...	...
25	1 to 9 acres irrigated	19	92	48	52.2	29	8	10	...	...	...	1	...	...
26	10 to 49 acres	39	1,064	284	26.7	62	118	18	13	47	3	23	...	...
27	1 to 9 acres irrigated	28	729	116	15.9	42	34	18	6	15	1	...	...	...
28	10 to 19 acres irrigated	9	252	105	41.7	20	63	...	7	12	2	1	...	...
29	20 to 29 acres irrigated	1	40	20	50.0	...	...	...	...	20	...	...	...	...
30	30 to 49 acres irrigated	1	43	43	100.0	...	21	...	...	...	...	22	...	...
31	50 to 69 acres	14	818	164	20.0	57	87	6	...	13	1	...	...	...
32	1 to 9 acres irrigated	7	389	15	3.9	1	5	5	...	3	1	...	...	...
33	10 to 19 acres irrigated	3	189	36	19.0	15	10	1	...	10	...	...	...	...
34	20 to 29 acres irrigated	2	114	41	36.0	41	...	...	...	...	...	...	...	...
35	30 to 49 acres irrigated	2	126	72	57.1	...	72	...	...	...	...	...	...	...
36	70 to 99 acres	30	2,374	267	11.2	111	26	33	23	65	...	9	...	...
37	1 to 9 acres irrigated	20	1,597	62	3.9	17	16	13	3	4	...	9	...	...
38	10 to 19 acres irrigated	5	378	58	15.3	37	10	...	...	11	...	...	...	...
39	20 to 29 acres irrigated	3	249	60	24.1	...	...	20	20	20	...	...	...	...
40	30 to 49 acres irrigated	1	80	30	37.5	...	...	...	...	30	...	...	...	...
41	50 to 99 acres irrigated	1	70	57	81.4	57	...	...	...	...	...	...	...	...
42	100 to 139 acres	37	4,355	664	15.2	277	62	154	14	146	9	...	...	2
43	1 to 9 acres irrigated	16	1,883	76	4.0	12	17	19	8	16	2	...	...	2
44	10 to 19 acres irrigated	9	1,012	118	11.7	10	45	50	6	...	7	...	...	...
45	20 to 29 acres irrigated	3	368	80	21.7	25	...	55	...	...	...	...	...	...
46	30 to 49 acres irrigated	6	700	200	28.6	90	...	30	...	80	...	...	...	...
47	50 to 99 acres irrigated	3	392	190	48.5	140	...	...	...	50	...	...	...	...
48	140 to 179 acres	27	4,363	618	14.2	123	99	306	...	58	...	...	...	32
49	1 to 9 acres irrigated	11	1,817	56	3.1	8	29	11	...	8	...	...	...	...
50	10 to 19 acres irrigated	6	924	87	9.4	29	40	18	...	...	...	...	...	...
51	20 to 29 acres irrigated	4	652	87	13.3	...	...	87	...	...	...	...	...	...
52	30 to 49 acres irrigated	3	490	92	18.8	...	30	30	...	...	...	...	...	32
53	50 to 99 acres irrigated	2	320	136	42.5	86	...	...	...	50	...	...	...	...
54	100 to 179 acres irrigated	1	160	160	100.0	...	...	160	...	...	...	...	...	...
55	180 to 219 acres	29	5,657	832	14.7	418	67	184	73	45	45	...	...	...
56	1 to 9 acres irrigated	9	1,743	36	2.1	3	12	9	2	5	5	...	...	...
57	10 to 19 acres irrigated	5	996	66	6.6	15	10	20	21	...	...	...	...	...
58	20 to 29 acres irrigated	4	779	85	10.9	...	10	45	10	10	10	...	...	...
59	30 to 49 acres irrigated	8	1,539	285	18.5	40	35	110	40	30	30	...	...	...
60	50 to 99 acres irrigated	1	200	85	42.5	85	...	...	...	...	...	...	...	...
61	100 to 199 acres irrigated	2	400	275	68.8	275	...	...	...	...	...	...	...	...
62	220 to 259 acres	34	8,120	1,290	15.9	659	148	377	17	56	13	...	...	20
63	1 to 9 acres irrigated	7	1,633	43	2.6	3	18	...	...	9	13	...	...	...
64	10 to 19 acres irrigated	9	2,166	112	5.2	15	10	73	...	14	...	...	...	...
65	20 to 29 acres irrigated	6	1,412	131	9.3	14	55	45	17	...	...	...	...	...
66	30 to 49 acres irrigated	4	963	157	16.3	...	...	117	...	20	...	...	...	20
67	50 to 99 acres irrigated	5	1,216	327	26.9	107	65	142	...	13	...	...	...	...
68	100 to 199 acres irrigated	1	250	100	40.0	100	...	...	...	...	...	...	...	...
69	200 to 259 acres irrigated	2	480	420	87.5	420	...	...	...	...	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
92	165	7,129	10	...	11	45	...	115	7	17	26	2	12	1
14	23	76	...	...	...	...	...	9	...	3	6	1	1	2
18	33	513	2	...	5	...	...	31	1	3	4	...	1	3
14	25	578	...	...	...	...	...	17	...	3	3	1	3	4
23	35	1,184	...	...	6	...	...	24	1	1	6	...	3	5
13	30	2,114	...	...	...	...	...	23	3	5	5	...	1	6
8	14	1,656	...	...	...	45	...	9	1	2	2	...	2	7
2	5	1,008	8	...	...	...	...	2	1	...	...	...	1	8
40	87	4,241	4	...	6	179	...	42	12	11	10	1	4	9
8	13	47	4	...	6	...	...	5	1	3	2	1	1	10
8	15	104	...	...	...	...	...	5	...	...	3	...	1	11
4	6	120	...	...	...	...	...	3	...	1	1	...	...	12
4	10	352	...	...	...	...	...	5	2	2	2	...	2	13
7	18	862	...	...	...	...	...	10	3	2	1	...	...	14
7	22	1,816	...	...	...	...	...	12	3	2	1	...	...	15
2	3	940	...	...	...	179	...	2	3	1	...	...	...	16
7	13	1,281	75	...	...	8	...	10	1	9	2	1	1	17
3	4	18	5	...	...	...	...	3	...	4	1	...	...	18
...	...	20	32	...	...	8	...	1	...	2	...	1	...	19
1	4	70	...	...	...	...	...	1	...	...	1	...	...	20
3	5	753	38	...	...	...	...	5	...	3	...	...	...	21
...	...	420	...	...	...	...	...	...	1	...	...	...	1	22
272	610	23,888	78	1,329	2,980	...	20	260	44	55	74	57	33	23
2	2	44	3	1	...	...	...	7	...	9	1	...	2	24
2	2	44	3	1	...	...	...	7	...	9	1	...	2	25
15	21	179	18	24	63	...	...	24	...	11	4	1	1	26
9	12	99	9	...	8	...	...	17	...	9	3	...	...	27
5	7	60	9	24	12	...	...	5	...	2	1	1	1	28
...	...	20	...	...	...	...	...	1	...	...	...	...	...	29
1	2	...	...	...	43	...	...	1	...	...	...	...	...	30
6	11	91	1	...	72	...	...	9	...	3	3	1	1	31
4	8	15	...	...	...	...	...	6	...	2	1	...	...	32
1	1	35	1	...	...	...	...	2	...	1	1	...	...	33
...	...	41	...	...	...	...	...	1	...	...	1	...	...	34
1	2	...	...	...	72	...	...	...	...	...	...	1	1	35
15	28	227	4	6	30	...	...	17	1	4	6	1	2	36
12	18	56	...	6	...	...	...	12	1	2	2	1	2	37
1	4	54	4	...	...	...	...	2	...	2	1	...	...	38
2	6	60	...	...	...	...	...	2	...	...	...	...	...	39
...	...	...	...	...	30	...	...	1	...	...	...	...	...	40
...	...	57	...	...	...	...	...	...	...	...	1	...	...	41
20	28	507	...	42	115	...	...	15	3	6	7	4	4	42
9	14	48	...	...	28	...	...	7	...	2	2	3	2	43
8	10	79	...	17	22	...	...	2	...	2	4	1	1	44
2	2	80	...	...	...	...	...	1	...	1	...	...	1	45
1	2	160	...	...	40	...	...	3	1	1	1	...	...	46
...	...	140	...	25	25	...	...	2	2	...	...	...	...	47
14	17	369	...	8	241	...	...	17	4	1	4	1	1	48
4	4	34	...	8	14	...	...	7	1	1	2	1	...	49
3	3	70	...	...	17	...	...	3	...	...	2	...	1	50
4	6	87	...	...	...	...	...	4	...	...	...	...	...	51
2	2	92	...	...	...	...	...	2	1	...	...	...	...	52
...	...	86	...	...	50	...	...	1	1	...	...	...	...	53
1	2	...	...	...	160	...	...	...	1	...	...	...	...	54
18	43	705	...	20	107	...	...	14	4	1	7	4	1	55
4	7	24	...	...	12	...	...	4	...	1	1	2	1	56
4	16	66	...	...	...	...	...	3	...	...	2	...	...	57
4	6	65	...	20	...	...	...	2	...	...	2	...	...	58
6	14	190	...	...	95	...	...	5	2	...	1	2	...	59
...	...	85	...	...	...	...	...	...	1	...	...	...	...	60
...	...	275	...	...	...	...	...	...	1	...	1	...	...	61
21	34	1,255	...	5	30	...	...	23	1	1	3	3	3	62
2	2	30	...	5	8	...	...	3	...	...	...	2	2	63
7	9	90	...	...	22	...	...	6	...	...	1	1	1	64
4	6	131	...	...	...	...	...	5	...	1	...	...	...	65
4	7	157	...	...	...	...	...	3	...	...	1	...	...	66
3	9	327	...	...	...	...	...	4	...	...	1	...	...	67
...	...	100	...	...	...	...	...	...	1	...	...	...	...	68
1	1	420	...	...	...	...	...	2	...	...	...	...	...	69

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Wisconsin—Continued													
1	260 to 499 acres	99	35,822	5,977	16.7	3,515	441	1,233	194	158	400	...	...	36
2	1 to 9 acres irrigated	20	6,889	95	1.4	11	34	15	16	8	11	...	...	...
3	10 to 19 acres irrigated	18	6,747	235	3.5	25	71	97	13	17	...	...	...	12
4	20 to 29 acres irrigated	8	2,809	176	6.3	20	82	25	...	25	...	...	...	24
5	30 to 49 acres irrigated	15	5,183	539	10.4	40	150	146	55	108	40	...	...	...
6	50 to 99 acres irrigated	17	6,533	1,313	20.1	523	74	553	110	...	53	...	...	...
7	100 to 199 acres irrigated	16	5,664	2,062	36.4	1,417	30	397	...	...	218	...	...	...
8	200 to 499 acres irrigated	5	1,997	1,557	78.0	1,479	...	...	...	...	78	...	...	...
9	500 to 999 acres	80	54,020	7,058	13.1	3,637	1,575	908	146	248	523	21	...	...
10	1 to 9 acres irrigated	5	2,760	24	0.8	5	3	14	2	...	...	...	...	...
11	10 to 19 acres irrigated	7	5,010	94	1.9	10	42	14	28	...	...	...	...	...
12	20 to 29 acres irrigated	7	4,490	160	3.6	22	99	21	...	...	18	...	...	...
13	30 to 49 acres irrigated	17	11,275	640	5.7	125	268	92	...	83	72	...	...	...
14	50 to 99 acres irrigated	17	11,791	1,193	10.1	209	573	179	6	50	155	21	...	...
15	100 to 199 acres irrigated	18	12,456	2,326	18.7	1,187	399	433	110	115	82	...	...	...
16	200 to 499 acres irrigated	9	6,238	2,621	42.0	2,079	191	155	...	...	196	...	...	...
17	1,000 or more acres	71	148,355	11,037	7.4	5,580	2,120	1,062	264	1,029	958	...	...	24
18	1 to 9 acres irrigated	3	3,589	14	0.4	3	7	4	...	...	...	...	...	...
19	10 to 19 acres irrigated	3	6,046	44	0.7	...	22	6	...	...	16	...	...	...
20	20 to 29 acres irrigated	10	17,458	243	1.4	...	97	24	65	...	33	...	...	24
21	30 to 49 acres irrigated	13	23,602	504	2.1	...	226	23	98	...	157	...	...	...
22	50 to 99 acres irrigated	13	26,718	854	3.2	102	371	171	18	52	140	...	...	...
23	100 to 199 acres irrigated	12	37,258	1,479	4.0	380	434	120	83	250	212	...	...	...
24	200 to 499 acres irrigated	11	20,735	3,579	17.3	1,603	613	236	...	727	400	...	...	...
25	500 to 999 acres irrigated	6	12,949	4,320	33.4	3,492	350	478	...	...	...	...	...	...
26	Minnesota, total	335	66,093	12,266	18.6	6,567	3,477	365	207	966	220	49	...	415
27	Under 10 acres	46	199	91	45.7	62	9	6	1	1	...	12	...	...
28	1 to 9 acres irrigated	46	199	91	45.7	62	9	6	1	1	...	12	...	...
29	10 to 49 acres	85	2,281	632	27.7	387	109	22	12	70	...	32	...	...
30	1 to 9 acres irrigated	59	1,460	211	14.5	110	39	22	12	19	...	9	...	...
31	10 to 19 acres irrigated	18	545	242	44.4	197	20	...	...	22	...	3	...	...
32	20 to 29 acres irrigated	8	276	179	64.9	80	50	...	...	29	...	20	...	...
33	50 to 69 acres	15	870	377	43.3	165	169	15	...	28	...	...	...	...
34	1 to 9 acres irrigated	6	352	24	6.8	20	2	...	...	2	...	...	...	...
35	10 to 19 acres irrigated	2	105	25	23.8	10	...	15	...	...	...	...	...	...
36	20 to 29 acres irrigated	1	54	26	48.1	...	...	...	...	26	...	...	...	...
37	30 to 49 acres irrigated	2	116	74	63.8	7	67	...	...	...	...	...	...	...
38	50 to 69 acres irrigated	4	243	228	93.8	128	100	...	...	...	...	...	...	...
39	70 to 99 acres	27	2,252	770	34.2	548	160	15	3	27	17	...	...	...
40	1 to 9 acres irrigated	5	416	22	5.3	7	5	2	...	8	...	...	...	...
41	10 to 19 acres irrigated	7	601	91	15.1	33	10	13	3	15	17	...	...	...
42	20 to 29 acres irrigated	4	330	87	26.4	25	62	...	...	...	...	...	...	...
43	30 to 49 acres irrigated	5	394	165	41.9	111	50	...	...	4	...	...	...	...
44	50 to 99 acres irrigated	6	511	405	79.3	372	33	...	...	...	...	...	...	...
45	100 to 139 acres	37	4,278	1,469	34.3	924	378	80	10	29	3	5	...	40
46	1 to 9 acres irrigated	9	1,070	25	2.3	14	6	...	...	5	...	...	...	...
47	10 to 19 acres irrigated	5	587	63	10.7	53	5	...	...	...	...	5	...	...
48	20 to 29 acres irrigated	5	542	111	20.5	67	20	...	...	24	...	...	...	...
49	30 to 49 acres irrigated	4	478	150	31.4	45	62	40	...	...	3	...	...	...
50	50 to 99 acres irrigated	9	1,037	595	57.4	300	285	...	10	...	...	...	...	...
51	100 to 139 acres irrigated	5	564	525	93.1	445	...	40	...	...	...	...	...	40
52	140 to 179 acres	19	2,983	820	27.5	514	131	126	...	49	...	...	...	...
53	1 to 9 acres irrigated	6	938	24	2.6	11	1	8	...	4	...	...	...	...
54	10 to 19 acres irrigated	1	155	14	9.0	...	...	14	...	...	...	...	...	...
55	30 to 49 acres irrigated	4	607	145	23.9	76	...	24	...	45	...	...	...	...
56	50 to 99 acres irrigated	7	1,116	507	45.4	427	...	80	...	...	...	...	...	...
57	100 to 179 acres irrigated	1	167	130	77.8	...	130	...	...	...	...	...	...	...
58	180 to 219 acres	18	3,612	1,338	37.0	867	216	14	61	...	...	...	...	180
59	1 to 9 acres irrigated	2	372	5	1.3	5	...	...	...	...	...	...	...	...
60	10 to 19 acres irrigated	2	424	26	6.1	12	...	14	...	...	...	...	...	...
61	50 to 99 acres irrigated	9	1,794	662	36.9	385	216	...	61	...	...	...	...	...
62	100 to 199 acres irrigated	5	1,022	645	63.1	465	...	...	...	...	...	...	...	180
63	220 to 259 acres	13	3,089	798	25.8	456	160	74	8	49	50	...	...	1
64	1 to 9 acres irrigated	2	462	7	1.5	...	...	...	...	7	...	...	...	...
65	10 to 19 acres irrigated	2	480	20	4.2	10	...	...	8	2	...	...	...	...
66	20 to 29 acres irrigated	1	240	20	8.3	10	...	...	...	...	10	...	...	...
67	30 to 49 acres irrigated	2	482	69	14.3	35	10	24	...	...	...	...	...	...
68	50 to 99 acres irrigated	2	460	150	32.6	69	...	...	...	40	40	...	...	1
69	100 to 199 acres irrigated	4	965	532	55.1	332	150	50	...	...	...	...	...	...
70	260 to 499 acres	42	15,296	2,996	19.6	1,334	979	5	27	380	131	...	...	140
71	1 to 9 acres irrigated	7	2,607	26	1.0	10	8	5	3	...	...	...	...	...
72	10 to 19 acres irrigated	5	2,057	71	3.5	38	15	...	...	18	...	...	...	...
73	20 to 29 acres irrigated	3	1,251	65	5.2	20	20	...	...	25	...	...	...	...
74	30 to 49 acres irrigated	5	1,839	170	9.2	...	106	...	...	34	30	...	...	...
75	50 to 99 acres irrigated	9	3,115	625	20.1	250	310	...	...	60	5	...	...	...
76	100 to 199 acres irrigated	11	3,762	1,535	40.8	708	422	...	24	145	96	...	...	140
77	200 to 499 acres irrigated	2	665	504	75.8	308	98	...	...	98	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
54	117	5,590	...	74	293	...	20	56	11	4	19	12	5	1
10	19	54	...	10	31	...	...	9	...	1	2	6	2	2
12	22	189	...	...	46	...	...	8	...	2	4	3	1	3
3	7	114	...	...	42	...	20	6	...	1	...	1	...	4
9	18	301	...	64	174	...	...	11	1	...	1	2	...	5
13	32	1,313	...	...	...	...	...	10	3	...	6	...	1	6
5	16	2,062	...	...	...	...	...	9	3	...	3	...	1	7
2	3	1,557	...	...	...	...	...	3	4	...	3	...	...	8
56	130	6,036	52	332	694	...	...	41	8	10	14	17	5	9
3	11	22	2	...	...	...	...	3	...	2	...	...	...	10
6	13	24	...	27	43	...	...	...	...	1	1	5	...	11
4	10	67	...	25	68	...	...	1	...	...	2	3	1	12
11	24	346	...	115	179	...	...	8	1	1	1	5	1	13
12	30	674	50	65	404	...	...	8	...	2	4	4	2	14
14	30	2,226	...	100	...	...	...	15	4	3	4	...	1	15
6	12	2,677	...	...	...	...	...	6	3	1	2	...	...	16
51	179	8,885	...	817	1,335	...	...	37	12	5	6	13	8	17
1	3	10	...	...	4	...	...	1	...	1	...	1	...	18
3	5	15	...	...	29	...	...	2	...	1	...	1	...	19
8	27	53	...	58	132	...	...	4	1	1	1	1	3	20
12	39	...	...	280	224	...	...	4	1	...	1	5	2	21
10	30	333	...	114	407	...	...	7	...	2	...	2	2	22
9	43	775	...	365	339	...	...	5	2	...	4	3	...	23
5	20	3,379	...	...	200	...	...	10	3	...	...	...	1	24
3	12	4,320	...	...	...	...	...	4	5	...	...	...	...	25
65	85	11,779	233	129	110	7	8	161	21	82	58	7	37	26
6	8	82	8	...	...	...	1	7	...	22	3	5	9	27
6	8	82	8	...	...	...	1	7	...	22	3	5	9	28
14	17	581	40	4	...	7	...	42	2	30	6	1	8	29
13	16	174	26	4	...	7	...	23	...	24	5	1	6	30
1	1	232	10	...	...	...	...	14	2	5.	...	...	...	31
...	...	175	4	...	...	...	...	5	...	1	1	...	2	32
2	2	367	10	...	...	...	...	9	1	2	5	...	1	33
1	1	24	...	...	...	...	...	3	...	1	2	...	...	34
1	1	15	10	...	...	...	...	1	1	...	...	...	...	35
...	...	26	...	...	...	...	...	1	...	...	...	...	...	36
...	...	74	...	...	...	...	...	2	...	...	1	...	...	37
...	...	228	...	...	...	...	...	2	...	1	2	...	1	38
5	8	763	...	...	...	...	7	20	...	3	3	...	3	39
1	1	15	...	...	...	...	7	3	...	2	...	...	...	40
2	4	91	...	...	...	...	...	6	...	...	1	...	1	41
...	...	87	...	...	...	...	...	3	...	...	...	...	1	42
2	3	165	...	...	...	...	...	3	...	1	...	...	1	43
...	...	405	...	...	...	...	...	5	...	...	2	...	...	44
6	8	1,374	...	...	95	...	...	25	2	3	9	...	3	45
1	1	25	...	...	...	...	...	4	...	1	1	...	3	46
...	...	63	...	...	...	...	...	3	...	1	2	...	...	47
...	...	111	...	...	...	...	...	2	1	...	2	...	...	48
2	3	150	...	...	...	...	...	4	...	...	...	...	...	49
2	3	500	...	...	95	...	...	8	1	1	3	...	...	50
1	1	525	...	...	...	...	...	4	...	...	1	...	...	51
6	9	817	3	...	...	...	...	9	2	1	7	...	2	52
2	3	21	3	...	...	...	...	1	...	1	3	...	1	53
1	2	14	...	...	...	...	...	...	...	...	...	...	1	54
1	1	145	...	...	...	...	...	3	...	...	2	...	...	55
2	3	507	...	...	...	...	...	4	2	...	2	...	...	56
...	...	130	...	...	...	...	...	1	...	...	...	...	...	57
6	6	1,338	...	...	...	...	...	8	2	6	3	...	2	58
...	...	5	...	...	...	...	...	...	...	1	...	...	1	59
1	1	26	...	...	...	...	...	...	...	1	1	...	...	60
3	3	662	...	...	...	...	...	5	1	1	1	...	1	61
2	2	645	...	...	...	...	...	3	1	3	1	...	...	62
5	7	788	...	...	10	...	...	7	1	2	6	...	1	63
...	...	7	...	...	...	...	...	...	...	1	1	...	...	64
1	1	10	...	...	10	...	...	1	...	...	...	...	1	65
1	2	20	...	...	...	...	...	...	...	...	1	...	...	66
1	1	69	...	...	...	...	...	1	...	...	2	...	...	67
1	2	150	...	...	...	...	...	1	1	...	1	...	...	68
1	1	532	...	...	...	...	...	4	...	1	1	...	...	69
6	8	2,721	145	125	5	...	...	18	3	8	11	1	5	70
2	3	21	...	5	...	...	...	1	...	4	1	...	1	71
...	...	66	...	...	5	...	...	3	...	1	1	...	...	72
...	...	65	...	...	...	...	...	1	...	1	...	...	1	73
2	3	170	...	...	...	...	...	2	...	...	3	...	...	74
1	1	625	...	...	...	...	...	5	2	...	1	...	1	75
1	1	1,270	145	120	...	...	...	6	1	2	4	1	1	76
...	...	504	...	...	...	...	...	...	...	...	1	...	1	77

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Minnesota—Continued													
1	500 to 999 acres	22	14,401	2,127	14.8	1,220	671	...	...	163	19	...	...	54
2	1 to 9 acres irrigated	1	513	5	1.0	5	...	...	...	...	...	...	...	...
3	10 to 19 acres irrigated	6	3,744	76	2.0	45	21	...	...	10	...	...	...	...
4	20 to 29 acres irrigated	1	740	20	2.7	20	...	...	...	...	...	...	...	...
5	30 to 49 acres irrigated	1	597	40	6.7	...	40	...	...	...	...	...	...	...
6	50 to 99 acres irrigated	7	4,491	454	10.1	186	135	...	...	60	19	...	...	54
7	100 to 199 acres irrigated	2	1,230	250	20.3	75	175	...	...	...	...	...	...	...
8	200 to 499 acres irrigated	3	2,321	782	33.7	689	...	...	...	93	...	...	...	...
9	500 to 999 acres irrigated	1	765	500	65.4	200	300	...	...	...	...	...	...	...
10	1,000 or more acres	11	16,832	848	5.0	90	495	8	85	170	...	...	...	...
11	1 to 9 acres irrigated	1	1,040	8	0.8	...	...	8	...	...	...	...	...	...
12	20 to 29 acres irrigated	1	1,730	20	1.2	...	20	...	...	...	...	...	...	...
13	30 to 49 acres irrigated	3	4,267	95	2.2	30	35	...	...	30	...	...	...	...
14	50 to 99 acres irrigated	3	5,305	225	4.2	60	40	...	85	40	...	...	...	...
15	100 to 199 acres irrigated	1	1,000	100	10.0	...	100	...	...	...	...	...	...	...
16	200 to 499 acres irrigated	2	3,490	400	11.5	...	300	...	...	100	...	...	...	...
17	Iowa, total	218	73,722	13,765	18.7	10,552	1,895	878	137	28	190	85	...	...
18	Under 10 acres	7	20	11	55.0	1	4	...	...	...	...	6	...	...
19	1 to 9 acres irrigated	7	20	11	55.0	1	4	...	...	...	...	6	...	...
20	10 to 49 acres	31	804	211	26.2	150	25	9	11	...	...	16	...	...
21	1 to 9 acres irrigated	22	575	66	11.5	42	6	...	2	...	...	16	...	...
22	10 to 19 acres irrigated	6	136	77	56.6	40	19	9	9	...	...	...	...	...
23	20 to 29 acres irrigated	3	93	68	73.1	68	...	...	...	...	...	...	...	...
24	50 to 69 acres	9	532	171	32.1	109	21	3	35	...	...	3	...	...
25	1 to 9 acres irrigated	3	181	12	6.6	...	6	3	...	...	...	3	...	...
26	10 to 19 acres irrigated	2	120	32	26.7	17	15	...	...	...	...	...	...	...
27	20 to 29 acres irrigated	2	114	45	39.5	45	...	...	...	...	...	...	...	...
28	30 to 49 acres irrigated	2	117	82	70.1	47	...	...	35	...	...	...	...	...
29	70 to 99 acres	13	1,086	260	23.9	243	...	...	2	...	...	15	...	...
30	1 to 9 acres irrigated	5	444	22	5.0	20	...	...	2	...	...	...	...	...
31	10 to 19 acres irrigated	3	244	49	20.1	34	...	...	...	...	...	15	...	...
32	20 to 29 acres irrigated	2	150	44	29.3	44	...	...	...	...	...	...	...	...
33	30 to 49 acres irrigated	2	163	70	42.9	70	...	...	...	...	...	...	...	...
34	50 to 99 acres irrigated	1	85	75	88.2	75	...	...	...	...	...	...	...	...
35	100 to 139 acres	21	2,500	517	20.7	253	184	80	...	...	...	...	...	...
36	1 to 9 acres irrigated	5	610	15	2.5	5	6	4	...	...	...	...	...	...
37	10 to 19 acres irrigated	5	614	63	10.3	39	24	...	...	...	...	...	...	...
38	20 to 29 acres irrigated	3	340	60	17.6	42	12	6	...	...	...	...	...	...
39	30 to 49 acres irrigated	5	610	203	33.3	111	92	...	...	...	...	...	...	...
40	50 to 99 acres irrigated	3	326	176	54.0	56	50	70	...	...	...	...	...	...
41	140 to 179 acres	18	2,855	708	24.8	368	127	198	...	15	...	...	...	...
42	1 to 9 acres irrigated	3	485	10	2.1	8	2	...	...	...	...	...	...	...
43	10 to 19 acres irrigated	2	325	29	8.9	19	5	...	...	5	...	...	...	...
44	20 to 29 acres irrigated	3	476	74	15.5	47	...	27	...	...	...	...	...	...
45	30 to 49 acres irrigated	7	1,093	239	21.9	104	90	35	...	10	...	...	...	...
46	50 to 99 acres irrigated	1	160	60	37.5	30	30	...	...	...	...	...	...	...
47	100 to 179 acres irrigated	2	316	296	93.7	160	...	136	...	...	...	...	...	...
48	180 to 219 acres	12	2,678	520	19.4	383	117	20	...	...	...	...	...	...
49	1 to 9 acres irrigated	1	190	9	4.7	9	...	...	...	...	...	...	...	...
50	10 to 19 acres irrigated	3	600	47	7.8	17	30	...	...	...	...	...	...	...
51	20 to 29 acres irrigated	1	180	27	15.0	27	...	...	...	...	...	...	...	...
52	30 to 49 acres irrigated	4	813	142	17.5	90	32	20	...	...	...	...	...	...
53	50 to 99 acres irrigated	2	380	135	35.5	80	55	...	...	...	...	...	...	...
54	100 to 199 acres irrigated	1	515	160	31.1	160	...	...	...	...	...	...	...	...
55	220 to 259 acres	7	1,684	345	20.5	170	115	...	60	...	...	...	...	...
56	10 to 19 acres irrigated	1	240	10	4.2	10	...	...	...	...	...	...	...	...
57	20 to 29 acres irrigated	2	490	40	8.2	40	...	...	...	...	...	...	...	...
58	50 to 99 acres irrigated	3	714	175	24.5	...	115	...	60	...	...	...	...	...
59	100 to 199 acres irrigated	1	240	120	50.0	120	...	...	...	...	...	...	...	...
60	260 to 499 acres	51	18,550	4,005	21.6	3,017	832	98	...	13	...	45	...	...
61	1 to 9 acres irrigated	2	770	10	1.3	...	10	...	...	...	...	...	...	...
62	10 to 19 acres irrigated	3	970	40	4.1	40	...	...	...	...	...	...	...	...
63	20 to 29 acres irrigated	4	1,560	93	6.0	27	33	...	...	13	...	20	...	...
64	30 to 49 acres irrigated	6	2,572	227	8.8	40	187	...	...	...	...	...	...	...
65	50 to 99 acres irrigated	25	8,469	1,822	21.5	1,322	402	98	...	...	...	...	...	...
66	100 to 199 acres irrigated	8	2,974	1,128	37.9	903	200	...	...	...	...	25	...	...
67	200 to 499 acres irrigated	3	1,235	685	55.5	685	...	...	...	...	...	...	...	...
68	500 to 999 acres	38	26,118	4,862	18.6	4,142	420	230	...	...	70	...	...	...
69	10 to 19 acres irrigated	1	714	10	1.4	10	...	...	...	...	...	...	...	...
70	20 to 29 acres irrigated	1	645	25	3.9	25	...	...	...	...	...	...	...	...
71	30 to 49 acres irrigated	8	5,350	315	5.9	165	150	...	...	...	...	...	...	...
72	50 to 99 acres irrigated	8	5,091	605	11.9	405	80	50	...	...	70	...	...	...
73	100 to 199 acres irrigated	10	7,382	1,451	19.7	1,081	190	180	...	...	...	...	...	...
74	200 to 499 acres irrigated	10	6,936	2,456	35.4	2,456	...	...	...	...	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
6	9	2,100	27	...	...	...	...	10	5	4	4	...	3	1
...	...	5	...	...	...	...	...	1	...	...	...	...	...	2
1	2	54	22	...	...	...	...	1	...	1	2	...	2	3
...	...	20	...	...	...	...	...	1	...	...	...	...	...	4
...	...	40	...	...	...	...	...	1	...	...	...	...	...	5
3	4	454	...	...	...	...	...	4	2	2	...	...	...	6
...	...	250	...	...	...	...	...	1	...	...	...	...	1	7
1	1	777	5	...	...	...	...	1	2	1	2	...	...	8
1	2	500	...	...	...	...	...	...	1	...	...	...	...	9
3	3	848	...	...	...	...	...	6	3	1	1	...	...	10
1	1	8	...	...	...	...	...	1	...	...	...	...	...	11
...	...	20	...	...	...	...	...	...	1	...	...	...	...	12
1	1	95	...	...	...	...	...	3	...	...	...	...	...	13
1	1	225	...	...	...	...	...	1	...	1	1	...	...	14
...	...	100	...	...	...	...	...	1	...	...	...	...	...	15
...	...	400	...	...	...	...	...	...	2	...	...	...	...	16
34	70	8,217	255	4,319	974	...	...	100	16	29	62	9	12	17
...	...	10	1	...	...	...	...	1	...	1	...	2	3	18
...	...	10	1	...	...	...	...	1	...	1	...	2	3	19
3	5	198	12	...	1	...	...	8	...	9	10	5	...	20
2	4	53	12	...	1	...	...	4	...	7	6	5	...	21
1	1	77	...	...	...	...	...	1	...	2	3	...	...	22
...	...	68	...	...	...	...	...	3	...	...	1	...	...	23
2	4	168	...	3	...	...	...	6	...	...	3	...	1	24
1	1	9	...	3	...	...	...	2	...	...	...	...	1	25
...	...	32	...	...	...	...	...	1	...	...	1	...	...	26
...	...	45	...	...	...	...	...	1	...	...	1	...	...	27
1	3	82	...	...	...	...	...	2	...	...	1	...	...	28
2	10	257	...	3	...	...	...	7	...	2	4	1	...	29
1	5	19	...	3	...	...	...	1	...	2	2	...	...	30
...	...	49	...	...	...	...	...	2	...	...	...	1	...	31
1	5	44	...	...	...	...	...	1	...	...	1	...	...	32
...	...	70	...	...	...	...	...	2	...	...	1	...	...	33
...	...	75	...	...	...	...	...	1	...	...	...	...	...	34
4	9	421	12	14	70	...	...	9	2	2	10	...	2	35
2	2	13	...	2	...	...	...	1	...	...	4	...	...	36
...	...	39	12	12	...	...	...	1	1	1	1	...	1	37
1	4	60	...	...	...	...	...	3	...	1	...	...	...	38
...	...	203	...	...	...	...	...	3	1	...	3	...	...	39
1	3	106	...	...	70	...	...	1	...	...	2	...	1	40
6	7	548	...	160	...	...	...	10	1	1	4	...	2	41
...	...	10	...	...	...	...	...	1	...	...	1	...	1	42
1	2	29	...	...	...	...	...	1	...	...	1	...	...	43
1	1	74	...	...	...	...	...	1	...	...	2	...	...	44
3	3	239	...	...	...	...	...	5	1	...	...	...	1	45
...	...	60	...	...	...	...	...	1	...	...	...	...	...	46
1	1	136	...	160	...	...	...	1	...	1	...	...	...	47
3	5	260	...	80	180	...	...	4	...	2	7	...	...	48
...	...	9	...	...	...	...	...	1	...	...	...	...	...	49
2	3	47	...	...	...	...	...	1	...	...	2	...	...	50
...	...	27	...	...	...	...	...	...	...	...	1	...	...	51
1	2	122	...	...	20	...	...	1	...	1	3	...	...	52
...	...	55	...	80	...	...	...	...	...	1	1	...	...	53
...	...	...	...	...	160	...	...	1	...	...	...	...	...	54
1	1	345	...	...	...	...	...	4	1	...	2	...	...	55
...	...	10	...	...	...	...	...	...	...	...	1	...	...	56
...	...	40	...	...	...	...	...	2	...	...	...	...	...	57
1	1	175	...	...	...	...	...	2	1	...	...	...	...	58
...	...	120	...	...	...	...	...	...	...	...	1	...	...	59
6	19	2,401	100	1,381	123	...	...	27	4	3	15	1	2	60
1	1	5	...	...	5	...	...	1	...	...	...	...	1	61
1	9	40	...	...	...	...	...	2	...	...	1	...	...	62
1	6	73	20	...	...	...	...	2	...	...	1	1	...	63
1	1	149	...	40	38	...	...	3	...	...	3	...	...	64
2	2	1,031	80	631	80	...	...	16	1	1	7	...	1	65
...	...	693	...	435	...	...	...	2	1	2	3	...	...	66
...	...	410	...	275	...	...	...	1	2	...	...	...	...	67
5	7	2,255	...	2,007	600	...	...	18	7	5	7	...	1	68
...	...	10	...	...	...	...	...	...	...	1	...	...	...	69
...	...	...	...	25	...	...	...	...	...	...	1	...	...	70
...	...	160	...	155	...	...	...	2	3	1	2	...	...	71
1	1	305	...	220	80	...	...	5	1	1	1	...	...	72
3	4	860	...	491	100	...	...	6	2	...	1	...	1	73
1	2	920	...	1,116	420	...	...	5	1	2	2	...	...	74

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Iowa—Continued													
1	1,000 or more acres	11	16,895	2,155	12.8	1,716	50	240	29	...	120	...	...	...
2	1 to 9 acres irrigated	1	2,624	5	0.2	5	...	...	...	...	...	...	...	...
3	10 to 19 acres irrigated	1	1,372	10	0.7	10	...	...	...	...	...	...	...	...
4	50 to 99 acres irrigated	2	3,010	130	4.3	80	50	...	...	...	...	...	...	...
5	100 to 199 acres irrigated	3	4,860	490	10.1	370	...	...	...	...	120	...	...	...
6	200 to 499 acres irrigated	3	3,929	940	23.9	700	...	240	...	...	...	...	...	...
7	500 to 999 acres irrigated	1	1,100	580	52.7	551	...	...	29	...	...	...	...	...
8	Missouri, total	409	158,914	23,512	14.8	17,631	3,101	416	904	187	894	342	...	37
9	Under 10 acres	40	192	111	57.8	9	3	4	3	...	...	92	...	...
10	1 to 9 acres irrigated	40	192	111	57.8	9	3	4	3	...	...	92	...	...
11	10 to 49 acres	75	1,753	700	39.9	229	121	5	30	82	30	193	...	10
12	1 to 9 acres irrigated	42	974	164	16.8	39	15	...	12	31	...	67	...	...
13	10 to 19 acres irrigated	25	526	312	59.3	90	41	5	18	17	15	126	...	...
14	20 to 29 acres irrigated	5	139	110	79.1	20	65	...	...	...	15	...	...	10
15	30 to 49 acres irrigated	3	114	114	100.0	80	...	...	...	34	...	...	...	...
16	50 to 69 acres	14	781	259	33.2	105	89	...	12	10	2	14	...	27
17	1 to 9 acres irrigated	5	277	21	7.6	8	5	...	4	4	...	...	...	...
18	10 to 19 acres irrigated	4	220	47	21.4	17	20	...	8	...	2	...	...	...
19	30 to 49 acres irrigated	4	228	135	59.2	24	64	...	...	6	...	14	...	27
20	50 to 69 acres irrigated	1	56	56	100.0	56	...	...	...	...	...	...	...	...
21	70 to 99 acres	17	1,367	531	38.8	304	49	1	172	...	...	5	...	...
22	1 to 9 acres irrigated	5	393	22	5.6	11	1	1	4	...	...	5	...	...
23	10 to 19 acres irrigated	3	237	35	14.8	...	20	...	15	...	...	...	...	...
24	30 to 49 acres irrigated	5	415	191	46.0	171	20	...	...	...	...	...	...	...
25	50 to 99 acres irrigated	4	322	283	87.9	122	8	...	153	...	...	...	...	...
26	100 to 139 acres	21	2,508	608	24.2	432	115	7	54	...	...	...	...	...
27	1 to 9 acres irrigated	8	905	40	4.4	18	1	7	14	...	...	...	...	...
28	10 to 19 acres irrigated	2	257	22	8.6	10	12	...	...	...	...	...	...	...
29	20 to 29 acres irrigated	4	485	89	18.4	67	22	...	...	...	...	...	...	...
30	30 to 49 acres irrigated	3	390	117	30.0	77	...	...	40	...	...	...	...	...
31	50 to 99 acres irrigated	2	232	140	60.3	60	80	...	...	...	...	...	...	...
32	100 to 139 acres irrigated	2	239	200	83.7	200	...	...	...	...	...	...	...	...
33	140 to 179 acres	23	3,688	675	18.3	618	16	40	1	...	...	...	...	...
34	1 to 9 acres irrigated	9	1,438	42	2.9	3	16	22	1	...	...	...	...	...
35	10 to 19 acres irrigated	2	327	31	9.5	31	...	...	...	...	...	...	...	...
36	20 to 29 acres irrigated	3	497	65	13.1	65	...	...	...	...	...	...	...	...
37	30 to 49 acres irrigated	4	639	156	24.4	138	...	18	...	...	...	...	...	...
38	50 to 99 acres irrigated	4	637	231	36.3	231	...	...	...	...	...	...	...	...
39	100 to 179 acres irrigated	1	150	150	100.0	150	...	...	...	...	...	...	...	...
40	180 to 219 acres	23	4,576	1,124	24.6	844	199	30	18	...	33	...	...	...
41	1 to 9 acres irrigated	3	609	10	1.6	8	...	...	2	...	...	...	...	...
42	10 to 19 acres irrigated	5	964	72	7.5	27	29	8	8	...	...	...	...	...
43	20 to 29 acres irrigated	3	602	70	11.6	70	...	...	...	...	...	...	...	...
44	30 to 49 acres irrigated	4	800	168	21.0	128	20	20	...	...	...	...	...	...
45	50 to 99 acres irrigated	4	806	286	35.5	226	60	...	...	...	...	...	...	...
46	100 to 199 acres irrigated	4	795	518	65.2	385	90	2	8	...	33	...	...	...
47	220 to 259 acres	26	6,175	1,291	20.9	1,234	36	10	9	2	...	...	...	...
48	1 to 9 acres irrigated	7	1,626	27	1.7	10	6	...	9	2	...	...	...	...
49	10 to 19 acres irrigated	2	460	20	4.3	10	...	10	...	...	...	...	...	...
50	20 to 29 acres irrigated	4	946	95	10.0	95	...	...	...	...	...	...	...	...
51	30 to 49 acres irrigated	4	994	136	13.7	106	30	...	...	...	...	...	...	...
52	50 to 99 acres irrigated	5	1,189	365	30.7	365	...	...	...	...	...	...	...	...
53	100 to 199 acres irrigated	3	710	398	56.1	398	...	...	...	...	...	...	...	...
54	200 to 259 acres irrigated	1	250	250	100.0	250	...	...	...	...	...	...	...	...
55	260 to 499 acres	78	28,099	4,611	16.4	3,530	831	25	149	26	14	36	...	...
56	1 to 9 acres irrigated	12	4,183	47	1.1	21	17	1	8	...	...	...	...	...
57	10 to 19 acres irrigated	5	1,743	74	4.2	23	27	...	24	...	...	...	...	...
58	20 to 29 acres irrigated	9	3,029	196	6.5	69	83	24	20	...	...	...	...	...
59	30 to 49 acres irrigated	19	6,738	703	10.4	408	181	...	52	26	...	36	...	...
60	50 to 99 acres irrigated	19	7,207	1,279	17.7	927	293	...	45	...	14	...	...	...
61	100 to 199 acres irrigated	9	3,306	1,115	33.7	1,085	30	...	...	...	...	...	...	...
62	200 to 499 acres irrigated	5	1,893	1,197	63.2	997	200	...	...	...	...	...	...	...
63	500 to 999 acres	58	38,226	7,731	20.2	5,902	814	35	98	67	815	...	...	...
64	1 to 9 acres irrigated	1	620	3	0.5	3	...	...	...	...	...	...	...	...
65	10 to 19 acres irrigated	3	1,783	34	1.9	10	10	...	...	14	...	...	...	...
66	20 to 29 acres irrigated	6	3,993	126	3.2	73	20	...	20	...	13	...	...	...
67	30 to 49 acres irrigated	8	5,005	310	6.2	92	17	35	40	53	73	...	...	...
68	50 to 99 acres irrigated	12	8,092	844	10.4	616	190	...	38	...	...	...	...	...
69	100 to 199 acres irrigated	13	8,881	1,771	19.9	1,594	177	...	...	...	...	...	...	...
70	200 to 499 acres irrigated	13	8,330	3,371	40.5	2,882	400	...	...	...	89	...	...	...
71	500 to 999 acres irrigated	2	1,522	1,272	83.6	632	...	...	...	...	640	...	...	...
72	1,000 or more acres	34	71,549	5,871	8.2	4,424	828	259	358	...	...	2	...	...
73	1 to 9 acres irrigated	3	4,830	16	0.3	9	5	...	...	...	...	2	...	...
74	20 to 29 acres irrigated	1	1,000	26	2.6	...	26	...	...	...	...	...	...	...
75	30 to 49 acres irrigated	4	5,740	120	2.1	...	90	...	30	...	...	...	...	...
76	50 to 99 acres irrigated	5	10,543	295	2.8	242	...	53	...	...	...	...	...	...
77	100 to 199 acres irrigated	11	17,237	1,418	8.2	1,318	100	...	...	...	...	...	...	...
78	200 to 499 acres irrigated	7	26,565	2,299	8.7	2,049	...	...	250	...	...	...	...	...
79	500 to 999 acres irrigated	3	5,634	1,697	30.1	806	607	206	78	...	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
2	3	1,354	130	671	...	...	...	6	1	4	...	...	1	1
...	...	4	...	1	...	...	...	...	...	1	...	...	...	2
...	...	10	...	...	...	...	...	1	...	...	...	...	...	3
...	...	50	...	80	...	...	...	2	...	...	...	...	...	4
...	...	200	100	190	...	...	...	2	...	2	...	...	...	5
1	1	540	...	400	...	...	...	1	1	...	...	...	1	6
1	2	550	30	...	...	...	...	...	...	1	...	...	...	7
105	218	13,618	354	3,706	5,028	640	182	210	12	84	36	46	44	8
3	3	41	62	4	4	...	...	3	...	5	...	26	6	9
3	3	41	62	4	4	...	...	3	...	5	...	26	6	10
25	36	501	189	...	8	...	2	19	...	25	2	16	16	11
14	22	83	71	...	8	...	2	7	...	15	1	8	11	12
9	10	219	93	...	...	...	...	7	...	10	1	8	2	13
2	4	85	25	...	...	...	...	4	...	...	...	...	1	14
...	...	114	...	...	...	...	...	1	...	...	...	...	2	15
7	10	249	10	16	...	...	...	8	...	3	1	...	2	16
3	4	21	...	...	...	...	...	2	...	1	...	...	2	17
3	4	37	10	...	...	...	...	2	...	2	...	...	...	18
1	2	135	...	16	...	...	...	3	...	...	1	...	...	19
...	...	56	...	...	...	...	...	1	...	...	...	...	...	20
9	27	401	16	50	64	...	...	10	...	4	2	...	2	21
5	11	16	6	...	...	...	...	2	...	3	1	...	...	22
2	4	25	10	...	...	...	...	2	...	1	...	...	...	23
...	...	127	...	...	64	...	...	3	...	...	1	...	1	24
2	12	233	...	50	...	...	...	3	...	...	...	...	1	25
6	17	472	...	89	7	...	40	12	...	3	4	...	3	26
4	11	28	...	5	7	...	...	5	...	...	1	...	2	27
1	1	22	...	...	...	...	...	1	...	1	...	...	...	28
...	...	42	...	47	...	...	...	1	...	...	2	...	1	29
1	5	40	...	37	...	...	40	3	...	...	1	...	...	30
...	...	140	...	...	...	...	...	1	...	1	...	...	...	31
...	...	200	...	...	...	...	...	1	...	1	...	...	...	32
7	10	443	...	131	99	...	2	17	...	5	1	...	...	33
5	8	39	...	...	1	...	2	7	...	2	...	...	...	34
1	1	16	...	15	...	...	...	...	...	1	1	...	...	35
...	...	65	...	...	...	...	...	2	...	1	...	...	...	36
1	1	123	...	...	33	...	...	3	...	1	...	...	...	37
...	...	50	...	116	65	...	...	4	...	...	...	...	...	38
...	...	150	...	...	...	...	...	1	...	...	...	...	...	39
5	8	716	...	221	187	...	...	14	...	3	4	1	2	40
1	2	1	...	...	9	...	...	...	...	2	...	1	...	41
1	2	56	...	16	...	...	...	4	...	...	...	...	1	42
...	...	48	...	...	22	...	...	...	...	1	1	...	1	43
2	3	88	...	40	40	...	...	3	...	...	1	...	...	44
...	...	150	...	60	76	...	...	3	...	...	1	...	...	45
1	1	373	...	105	40	...	...	4	...	...	1	...	...	46
6	20	465	...	235	453	...	138	16	...	3	5	1	2	47
5	19	25	...	2	...	...	...	1	...	1	4	1	...	48
...	...	20	...	...	...	...	...	2	...	...	...	...	...	49
1	1	68	...	...	27	...	...	1	...	1	...	...	2	50
...	...	66	...	70	...	...	...	3	...	1	...	...	...	51
...	...	201	...	138	26	...	...	5	...	...	...	...	...	52
...	...	85	...	25	150	...	138	3	...	...	1	...	...	53
...	...	...	...	...	250	...	...	1	...	...	...	...	...	54
19	42	3,266	77	523	745	...	...	57	2	10	8	1	6	55
3	10	33	3	1	10	...	...	6	...	3	2	1	1	56
2	2	55	...	19	...	...	...	4	...	1	...	...	...	57
3	5	124	...	65	7	...	...	6	...	...	2	...	1	58
7	13	510	41	63	89	...	...	15	1	2	...	...	2	59
2	6	930	25	55	269	...	...	15	...	2	3	...	2	60
2	6	887	8	50	170	...	...	7	...	2	1	...	...	61
...	...	727	...	270	200	...	...	4	1	...	...	...	...	62
12	32	3,883	...	1,206	2,002	640	...	39	3	16	4	...	3	63
...	...	3	...	...	...	...	...	1	...	...	...	...	...	64
1	7	34	...	...	...	...	...	3	...	1	...	...	...	65
2	5	85	...	...	41	...	...	2	...	2	...	...	2	66
4	11	256	...	...	54	...	...	6	1	2	...	...	1	67
2	2	720	...	20	104	...	...	7	...	4	3	...	...	68
2	3	947	...	315	509	...	...	9	2	2	...	...	...	69
1	4	1,206	...	871	1,294	...	...	10	...	4	...	...	...	70
...	...	632	...	...	...	640	...	1	...	1	1	...	...	71
6	13	3,181	...	1,231	1,459	...	...	15	7	7	5	1	2	72
...	...	6	...	1	9	...	...	1	...	1	...	1	...	73
...	...	26	...	...	...	...	...	...	...	...	1	...	...	74
1	2	105	...	...	15	...	...	2	...	1	1	...	...	75
1	1	243	...	...	52	...	...	4	...	...	...	...	1	76
1	1	670	...	100	648	...	...	6	3	2	...	...	...	77
2	4	434	...	1,130	735	...	...	1	3	3	3	...	...	78
1	5	1,697	...	...	...	...	...	1	1	...	...	...	1	79

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
1	Delaware, total	110	43,660	9,705	22.2	2,899	3,219	1,815	157	1,533	75	7	...	...
2	Under 10 acres	3	15	10	66.7	10	...	...	...	...	...	...	...	...
3	1 to 9 acres irrigated	3	15	10	66.7	10	...	...	...	...	...	...	...	...
4	10 to 49 acres	8	212	43	20.3	15	12	6	...	...	3	7	...	...
5	1 to 9 acres irrigated	6	154	23	14.9	5	12	6	...	...	...	...	...	...
6	10 to 19 acres irrigated	2	58	20	34.5	10	...	...	...	...	3	7	...	...
7	50 to 69 acres	3	181	35	19.3	27	8	...	...	...	...	...	...	...
8	1 to 9 acres irrigated	2	120	10	8.3	2	8	...	...	...	...	...	...	...
9	20 to 29 acres irrigated	1	61	25	41.0	25	...	...	...	...	...	...	...	...
10	70 to 99 acres	4	350	218	62.3	60	43	...	...	55	60	...	...	...
11	30 to 49 acres irrigated	1	94	43	45.7	...	43	...	...	...	...	...	...	...
12	50 to 99 acres irrigated	3	256	175	68.4	60	...	...	...	55	60	...	...	...
13	100 to 139 acres	3	329	102	31.0	3	93	6	...	...	...	...	...	...
14	1 to 9 acres irrigated	1	100	5	5.0	3	2	...	...	...	...	...	...	...
15	30 to 49 acres irrigated	1	103	32	31.1	...	32	...	...	...	...	...	...	...
16	50 to 99 acres irrigated	1	126	65	51.6	...	59	6	...	...	...	...	...	...
17	140 to 179 acres	12	1,894	870	45.9	190	270	246	54	100	10	...	...	...
18	1 to 9 acres irrigated	1	147	4	2.7	...	1	2	1	...	...	...	...	...
19	30 to 49 acres irrigated	4	598	153	25.6	...	109	34	...	...	10	...	...	...
20	50 to 99 acres irrigated	3	467	248	53.1	...	160	35	53	...	...	...	...	...
21	100 to 179 acres irrigated	4	682	465	68.2	190	...	175	...	100	...	...	...	...
22	180 to 219 acres	12	2,411	967	40.1	385	348	58	...	176	...	...	...	...
23	20 to 29 acres irrigated	3	590	66	11.2	20	...	46	...	...	...	...	...	...
24	30 to 49 acres irrigated	3	611	113	18.5	...	58	12	...	43	...	...	...	...
25	100 to 199 acres irrigated	6	1,210	788	65.1	365	290	...	...	133	...	...	...	...
26	220 to 259 acres	9	2,165	704	32.5	160	92	332	20	100	...	...	...	...
27	1 to 9 acres irrigated	1	240	6	2.5	...	...	6	...	...	...	...	...	...
28	10 to 19 acres irrigated	2	485	31	6.4	...	...	23	8	...	...	...	...	...
29	50 to 99 acres irrigated	2	490	120	24.5	...	...	70	...	50	...	...	...	...
30	100 to 199 acres irrigated	4	950	547	57.6	160	92	233	12	50	...	...	...	...
31	260 to 499 acres	36	12,942	3,461	26.7	1,127	1,231	682	83	336	2	...	...	...
32	1 to 9 acres irrigated	3	1,032	7	0.7	...	3	2	...	...	2	...	...	...
33	10 to 19 acres irrigated	1	380	15	3.9	...	...	...	...	15	...	...	...	...
34	20 to 29 acres irrigated	1	476	23	4.8	...	23	...	...	...	...	...	...	...
35	30 to 49 acres irrigated	4	1,370	135	9.9	35	70	...	...	30	...	...	...	...
36	50 to 99 acres irrigated	13	4,684	747	15.9	110	243	353	8	33	...	...	...	...
37	100 to 199 acres irrigated	11	3,796	1,568	41.3	541	367	327	75	258	...	...	...	...
38	200 to 499 acres irrigated	3	1,204	966	80.2	441	525	...	...	...	...	...	...	...
39	500 to 999 acres	14	8,465	1,995	23.6	535	495	425	...	540	...	...	...	...
40	1 to 9 acres irrigated	1	540	2	0.4	...	2	...	...	...	...	...	...	...
41	30 to 49 acres irrigated	1	500	45	9.0	...	45	...	...	...	...	...	...	...
42	50 to 99 acres irrigated	6	3,515	453	12.9	...	223	140	...	90	...	...	...	...
43	100 to 199 acres irrigated	2	1,220	295	24.2	145	...	...	...	150	...	...	...	...
44	200 to 499 acres irrigated	4	2,690	1,200	44.6	390	225	285	...	300	...	...	...	...
45	1,000 or more acres	6	14,696	1,300	8.8	387	627	60	...	226	...	...	...	...
46	30 to 49 acres irrigated	1	1,100	40	3.6	...	40	...	...	...	...	...	...	...
47	100 to 199 acres irrigated	2	2,824	260	9.2	60	160	40	...	...	...	...	...	...
48	200 to 499 acres irrigated	2	5,500	475	8.6	180	275	20	...	...	...	...	...	...
49	500 to 999 acres irrigated	1	5,272	525	10.0	147	152	...	...	226	...	...	...	...
50	Maryland, total	223	76,379	8,051	10.5	756	3,501	1,762	788	977	97	103	...	67
51	Under 10 acres	13	50	22	44.0	6	6	3	...	...	...	7	...	...
52	1 to 9 acres irrigated	13	50	22	44.0	6	6	3	...	...	...	7	...	...
53	10 to 49 acres	39	890	225	25.3	45	81	29	26	27	2	15	...	...
54	1 to 9 acres irrigated	31	661	109	16.5	19	25	27	16	5	2	15	...	...
55	10 to 19 acres irrigated	7	189	96	50.8	26	36	2	10	22	...	...	...	...
56	20 to 29 acres irrigated	1	40	20	50.0	...	20	...	...	...	...	...	...	...
57	50 to 69 acres	14	803	176	21.9	...	98	27	...	20	...	10	...	21
58	1 to 9 acres irrigated	5	282	24	8.5	...	7	17	...	...	...	...	...	...
59	10 to 19 acres irrigated	5	278	51	18.3	...	31	10	...	...	...	10	...	...
60	20 to 29 acres irrigated	3	178	66	37.1	...	25	...	...	20	...	...	...	21
61	30 to 49 acres irrigated	1	65	35	53.8	...	...	...	...	...	...	...	...	...
62	70 to 99 acres	15	1,219	257	21.1	...	74	133	43	...	4	3	...	...
63	1 to 9 acres irrigated	4	339	15	4.4	...	7	5	...	...	...	3	...	...
64	10 to 19 acres irrigated	7	577	97	16.8	...	15	42	36	...	4	...	...	...
65	20 to 29 acres irrigated	1	71	20	28.2	...	...	20	...	...	...	...	...	...
66	30 to 49 acres irrigated	2	160	73	45.6	...	52	14	7	...	...	...	...	...
67	50 to 99 acres irrigated	1	72	52	72.2	...	...	52	...	...	...	...	...	...
68	100 to 139 acres	16	1,892	389	20.6	67	166	58	34	50	14	...	...	...
69	1 to 9 acres irrigated	5	581	26	4.5	2	21	...	3	...	...	...	...	...
70	10 to 19 acres irrigated	3	362	43	11.9	8	8	23	4	...	...	...	...	...
71	20 to 29 acres irrigated	3	352	64	18.2	4	...	33	27	...	...	...	...	...
72	30 to 49 acres irrigated	3	347	106	30.5	28	62	2	...	...	14	...	...	...
73	50 to 99 acres irrigated	1	130	50	38.5	25	25	...	...	...	...	...	...	...
74	100 to 139 acres irrigated	1	120	100	83.3	...	50	...	...	50	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
79	143	9,632	23	...	...	50	...	78	16	12	8	...	5	1
...	...	10	...	...	...	...	...	1	...	2	...	...	...	2
...	...	10	...	...	...	...	...	1	...	2	...	...	...	3
3	3	42	1	...	...	...	...	2	...	5	...	...	2	4
3	3	22	1	...	...	...	...	1	...	3	...	...	2	5
...	...	20	...	...	...	...	...	1	...	2	...	...	...	6
...	...	33	2	...	...	...	...	1	...	2	...	...	...	7
...	...	8	2	...	...	...	...	1	...	1	...	...	...	8
...	...	25	...	...	...	...	...	...	...	1	...	...	...	9
1	1	218	...	...	...	...	...	4	...	...	...	...	...	10
1	1	43	...	...	...	...	...	1	...	...	...	...	...	11
...	...	175	...	...	...	...	...	3	...	...	...	...	...	12
2	2	102	...	...	...	...	...	3	...	1	...	...	...	13
1	1	5	...	...	...	...	...	1	...	1	...	...	...	14
...	...	32	...	...	...	...	...	1	...	...	...	...	...	15
1	1	65	...	...	...	...	...	1	...	...	...	...	...	16
10	15	870	...	...	...	...	...	9	1	...	2	...	...	17
1	2	4	...	...	...	...	...	...	...	...	1	...	...	18
4	8	153	...	...	...	...	...	3	...	...	1	...	...	19
3	3	248	...	...	...	...	...	3	...	...	...	...	...	20
2	2	465	...	...	...	...	...	3	1	...	...	...	...	21
11	14	967	...	...	...	...	...	9	3	...	1	...	...	22
3	3	66	...	...	...	...	...	2	1	...	...	...	...	23
2	4	113	...	...	...	...	...	3	...	...	1	...	...	24
6	7	788	...	...	...	...	...	4	2	...	...	...	...	25
8	12	704	...	...	...	...	...	6	2	...	1	...	...	26
1	2	6	...	...	...	...	...	1	...	...	...	...	...	27
2	2	31	...	...	...	...	...	1	...	...	1	...	...	28
2	3	120	...	...	...	...	...	1	1	...	...	...	...	29
3	5	547	...	...	...	...	...	3	1	...	...	...	...	30
26	44	3,411	...	...	...	50	...	27	5	1	3	...	2	31
3	5	7	...	...	...	...	...	2	...	...	1	...	...	32
...	...	15	...	...	...	...	...	...	...	...	1	...	...	33
1	2	23	...	...	...	...	...	1	...	...	...	...	...	34
2	4	135	...	...	...	...	...	2	...	...	1	...	1	35
10	18	697	...	...	...	50	...	10	2	1	...	...	1	36
8	12	1,568	...	...	...	...	...	9	2	...	...	...	...	37
2	3	966	...	...	...	...	...	3	1	...	...	...	...	38
12	26	1,975	20	...	...	...	...	11	3	1	...	...	1	39
...	...	2	...	...	...	...	...	...	...	...	...	...	1	40
1	5	45	...	...	...	...	...	1	...	...	...	...	...	41
6	10	453	...	...	...	...	...	5	1	...	...	...	...	42
1	1	295	...	...	...	...	...	2	...	...	...	...	...	43
4	10	1,180	20	...	...	...	...	3	2	1	...	...	...	44
6	26	1,300	...	...	...	...	...	5	2	...	1	...	...	45
1	4	40	...	...	...	...	...	...	...	...	1	...	...	46
2	6	260	...	...	...	...	...	2	...	...	...	...	...	47
2	10	475	...	...	...	...	...	2	1	...	...	...	...	48
1	6	525	...	...	...	...	...	1	1	...	...	...	...	49
160	510	7,940	96	2	6	2	5	149	11	31	23	10	13	50
5	7	18	1	...	1	...	2	2	...	4	1	4	2	51
5	7	18	1	...	1	...	2	2	...	4	1	4	2	52
22	29	204	14	2	...	2	3	18	...	15	3	3	4	53
18	23	89	13	2	...	2	3	11	...	12	2	3	4	54
3	5	95	1	...	...	...	...	6	...	3	1	...	...	55
1	1	20	...	...	...	...	...	1	...	...	...	...	...	56
9	11	142	29	...	5	...	...	11	...	1	1	1	...	57
5	7	19	...	...	5	...	...	4	...	...	1	...	...	58
3	3	22	29	...	...	...	...	3	...	1	...	1	...	59
1	1	66	...	...	...	...	...	3	...	...	...	...	...	60
...	...	35	...	...	...	...	...	1	...	...	...	...	...	61
9	11	257	...	...	...	...	...	9	...	...	4	1	1	62
...	...	15	...	...	...	...	...	2	...	...	1	1	...	63
6	7	97	...	...	...	...	...	5	...	...	2	...	...	64
1	1	20	...	...	...	...	...	...	...	...	...	...	1	65
1	1	73	...	...	...	...	...	1	...	...	1	...	...	66
1	2	52	...	...	...	...	...	1	...	...	...	...	...	67
14	26	388	1	...	...	...	...	13	...	4	1	...	...	68
4	4	26	...	...	...	...	...	2	...	2	1	...	...	69
3	5	43	...	...	...	...	...	3	...	1	...	...	...	70
3	6	63	1	...	...	...	...	3	...	1	...	...	...	71
2	5	106	...	...	...	...	...	3	...	...	...	...	...	72
1	1	50	...	...	...	...	...	1	...	...	...	...	...	73
1	5	100	...	...	...	...	...	1	...	...	...	...	...	74

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Maryland—Continued													
1	140 to 179 acres	21	3,368	541	16.1	26	239	187	4	85	...	...	...	...
2	1 to 9 acres irrigated	5	838	26	3.1	...	13	13	...	...	...	...	...	...
3	10 to 19 acres irrigated	7	1,144	102	8.9	26	8	48	...	20	...	...	...	...
4	20 to 29 acres irrigated	3	476	70	14.7	...	45	25	...	...	...	...	...	...
5	30 to 49 acres irrigated	2	319	65	20.4	...	30	31	4	...	...	...	...	...
6	50 to 99 acres irrigated	4	591	278	47.0	...	143	70	...	65	...	...	...	...
7	180 to 219 acres	16	3,150	640	20.3	...	334	246	35	25	...	...	...	...
8	1 to 9 acres irrigated	2	420	6	1.4	...	4	2	...	...	...	...	...	...
9	10 to 19 acres irrigated	2	362	35	9.7	...	28	...	7	...	...	...	...	...
10	20 to 29 acres irrigated	4	765	102	13.3	...	52	7	18	25	...	...	...	...
11	30 to 49 acres irrigated	2	370	61	16.5	...	30	31	...	...	...	...	...	...
12	50 to 99 acres irrigated	5	1,021	326	31.9	...	110	206	10	...	...	...	...	...
13	100 to 199 acres irrigated	1	212	110	51.9	...	110	...	...	...	...	...	...	...
14	220 to 259 acres	15	3,606	717	19.9	56	426	170	52	4	9	...	...	...
15	1 to 9 acres irrigated	2	452	13	2.9	...	...	...	9	4	...	...	...	...
16	10 to 19 acres irrigated	2	494	34	6.9	...	8	17	...	...	9	...	...	...
17	20 to 29 acres irrigated	1	250	22	8.8	...	22	...	...	...	...	...	...	...
18	30 to 49 acres irrigated	5	1,204	205	17.0	...	157	5	43	...	...	...	...	...
19	50 to 99 acres irrigated	4	984	303	30.8	56	239	8	...	...	...	...	...	...
20	100 to 199 acres irrigated	1	222	140	63.1	...	...	140	...	...	...	...	...	...
21	260 to 499 acres	37	13,847	1,415	10.2	232	369	327	259	130	57	41	...	...
22	1 to 9 acres irrigation	7	2,558	41	1.6	4	16	10	10	...	...	1	...	...
23	10 to 19 acres irrigated	6	2,243	83	3.7	12	53	18	...	...	...	...	...	...
24	20 to 29 acres irrigated	4	1,648	91	5.5	...	25	26	20	20	...	...	...	...
25	30 to 49 acres irrigated	11	3,996	372	9.3	37	124	77	74	...	20	40	...	...
26	50 to 99 acres irrigated	5	1,842	358	19.4	45	110	51	5	110	37	...	...	...
27	100 to 199 acres irrigated	4	1,560	470	30.1	134	41	145	150	...	...	...	...	...
28	500 to 999 acres	19	11,752	1,457	12.4	192	393	184	91	586	11	...	...	...
29	1 to 9 acres irrigated	1	560	5	0.9	...	5	...	...	...	...	...	...	...
30	10 to 19 acres irrigated	1	910	18	2.0	...	12	...	...	6	...	...	...	...
31	20 to 29 acres irrigated	4	2,425	94	3.9	27	...	11	20	25	11	...	...	...
32	30 to 49 acres irrigated	4	2,316	145	6.3	...	76	39	30	...	...	...	...	...
33	50 to 99 acres irrigated	5	2,812	345	12.3	70	115	68	12	80	...	...	...	...
34	100 to 199 acres irrigated	3	1,903	500	26.3	95	115	66	29	195	...	...	...	...
35	200 to 499 acres irrigated	1	826	350	42.4	...	70	...	...	280	...	...	...	...
36	1,000 or more acres	18	35,802	2,212	6.2	132	1,315	398	244	50	...	27	...	46
37	10 to 19 acres irrigated	2	2,924	29	1.0	...	...	29	...	...	...	...	...	...
38	20 to 29 acres irrigated	1	1,820	20	1.1	...	20	...	...	...	...	...	...	...
39	30 to 49 acres irrigated	4	5,271	150	2.8	30	15	44	15	...	...	...	...	46
40	50 to 99 acres irrigated	6	7,106	391	5.5	88	199	25	29	50	...	...	...	...
41	100 to 199 acres irrigated	1	11,131	122	1.1	14	81	...	...	...	...	27	...	...
42	200 to 499 acres irrigated	2	5,100	400	7.8	...	200	...	200	...	...	...	...	...
43	500 to 999 acres irrigated	2	2,450	1,100	44.9	...	800	300	...	...	...	...	...	...
44	Virginia, total	1,554	442,085	26,519	6.0	437	11,096	5,045	6,856	2,668	371	42	...	4
45	Under 10 acres	144	755	473	62.6	16	117	102	117	115	...	6	...	...
46	1 to 9 acres irrigated	144	755	473	62.6	16	117	102	117	115	...	6	...	...
47	10 to 49 acres	238	4,881	1,529	31.3	55	409	265	353	430	16	1	...	...
48	1 to 9 acres irrigated	195	3,976	875	22.0	36	265	160	240	171	2	1	...	...
49	10 to 19 acres irrigated	35	679	456	67.2	19	89	85	82	167	14	...	...	...
50	20 to 29 acres irrigated	7	186	160	86.0	...	17	20	31	92	...	...	...	...
51	30 to 49 acres irrigated	1	40	38	95.0	...	38	...	...	...	...	...	...	...
52	50 to 69 acres	69	4,040	472	11.7	11	133	57	224	42	4	1	...	...
53	1 to 9 acres irrigated	54	3,177	233	7.3	8	52	30	110	32	...	1	...	...
54	10 to 19 acres irrigated	13	747	167	22.4	...	28	19	110	10	...	...	...	...
55	20 to 29 acres irrigated	1	64	20	31.3	...	4	8	4	...	4	...	...	...
56	50 to 69 acres irrigated	1	52	52	100.0	3	49	...	...	...	...	...	...	...
57	70 to 99 acres	109	9,242	667	7.2	27	200	76	230	133	1	...	...	...
58	1 to 9 acres irrigated	94	7,965	430	5.4	5	112	58	171	83	1	...	...	...
59	10 to 19 acres irrigated	9	781	113	14.5	...	55	17	15	26	...	...	...	...
60	20 to 29 acres irrigated	6	496	124	25.0	22	33	1	44	24	...	...	...	...
61	100 to 139 acres	176	20,376	1,434	7.0	87	460	266	359	251	7	...	...	4
62	1 to 9 acres irrigated	140	16,181	694	4.3	7	224	96	219	144	...	...	...	4
63	10 to 19 acres irrigated	24	2,778	321	11.6	...	90	116	96	12	7	...	...	...
64	20 to 29 acres irrigated	5	562	104	18.5	20	38	2	44	...	...	...	...	...
65	30 to 49 acres irrigated	5	606	190	31.4	...	108	52	...	30	...	...	...	...
66	50 to 99 acres irrigated	2	249	125	50.2	60	...	...	...	65	...	...	...	...
67	140 to 179 acres	159	24,981	1,488	6.0	22	504	292	369	285	16	...	...	...
68	1 to 9 acres irrigated	120	18,730	648	3.5	7	205	157	213	66	...	...	...	...
69	10 to 19 acres irrigated	29	4,706	358	7.6	...	100	69	124	49	16	...	...	...
70	20 to 29 acres irrigated	4	590	88	14.9	...	46	10	32	...	...	...	...	...
71	30 to 49 acres irrigated	4	615	145	23.6	15	59	56	...	15	...	...	...	...
72	50 to 99 acres irrigated	1	178	94	52.8	...	94	...	...	...	...	...	...	...
73	100 to 179 acres irrigated	1	162	155	95.7	...	...	...	...	155	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
15	22	536	5	...	...	...	...	16	...	2	3	...	2	1
3	3	26	...	...	...	...	...	2	...	...	2	...	1	2
5	10	97	5	...	...	...	...	6	...	2	1	...	...	3
2	3	70	...	...	...	...	...	2	...	...	...	...	1	4
2	2	65	...	...	...	...	...	2	...	...	...	...	...	5
3	4	278	...	...	...	...	...	4	...	...	...	...	...	6
13	28	640	...	...	...	...	...	13	...	1	2	...	...	7
1	1	6	...	...	...	...	...	...	...	1	1	...	...	8
2	2	35	...	...	...	...	...	2	...	...	...	...	...	9
3	8	102	...	...	...	...	...	4	...	...	...	...	...	10
1	3	61	...	...	...	...	...	2	...	...	...	...	...	11
5	13	326	...	...	...	...	...	4	...	...	1	...	...	12
1	1	110	...	...	...	...	...	1	...	...	...	...	...	13
12	18	717	...	...	...	...	...	14	1	...	...	...	...	14
2	4	13	...	...	...	...	...	1	1	...	...	...	...	15
2	2	34	...	...	...	...	...	2	...	...	...	...	...	16
1	1	22	...	...	...	...	...	1	...	...	...	...	...	17
3	5	205	...	...	...	...	...	5	...	...	...	...	...	18
3	5	303	...	...	...	...	...	4	...	...	...	...	...	19
1	1	140	...	...	...	...	...	1	...	...	...	...	...	20
29	48	1,385	30	...	...	...	...	27	2	3	4	1	1	21
6	10	41	...	...	...	...	...	5	...	1	1	1	...	22
5	5	83	...	...	...	...	...	4	1	...	1	...	...	23
3	4	91	...	...	...	...	...	3	...	...	...	...	1	24
8	15	342	30	...	...	...	...	7	1	2	1	...	...	25
3	6	358	...	...	...	...	...	5	...	...	...	...	...	26
4	8	470	...	...	...	...	...	3	...	...	1	...	...	27
15	28	1,457	...	...	...	...	...	15	3	...	1	...	2	28
...	...	5	...	...	...	...	...	1	...	...	...	...	...	29
1	1	18	...	...	...	...	...	1	...	...	...	...	...	30
3	3	94	...	...	...	...	...	2	...	...	1	...	1	31
4	7	145	...	...	...	...	...	4	1	...	...	...	...	32
3	6	345	...	...	...	...	...	4	...	...	...	...	1	33
3	8	500	...	...	...	...	...	2	1	...	...	...	...	34
1	3	350	...	...	...	...	...	1	1	...	...	...	...	35
17	282	2,196	16	...	...	...	...	11	5	1	3	...	1	36
2	3	29	...	...	...	...	...	1	...	...	1	...	...	37
1	2	20	...	...	...	...	...	1	...	...	...	...	...	38
4	15	150	...	...	...	...	...	2	1	...	1	...	...	39
5	13	391	...	...	...	...	...	3	2	...	1	...	1	40
1	3	106	16	...	...	...	...	1	...	...	...	...	...	41
2	41	400	...	...	...	...	...	2	...	1	...	...	...	42
2	205	1,100	...	...	...	...	...	1	2	...	...	...	...	43
1,184	2,326	26,194	255	46	...	18	6	813	78	70	339	9	302	44
77	114	455	14	4	...	...	...	40	8	9	15	4	70	45
77	114	455	14	4	...	...	...	40	8	9	15	4	70	46
138	222	1,467	48	4	...	10	...	69	8	16	38	2	111	47
105	153	834	33	...	...	8	...	44	3	14	30	2	106	48
26	56	435	15	4	...	2	...	20	4	2	5	...	5	49
7	13	160	...	...	...	...	...	5	...	...	3	...	...	50
...	...	38	...	...	...	...	...	...	1	...	...	...	...	51
50	67	464	1	7	...	...	...	38	1	5	14	1	12	52
37	51	225	1	7	...	...	...	28	1	2	12	1	11	53
11	13	167	...	...	...	...	...	9	...	1	2	...	1	54
1	2	20	...	...	...	...	...	...	...	1	...	...	...	55
1	1	52	...	...	...	...	...	1	...	1	...	...	...	56
81	131	630	37	...	...	...	...	59	2	4	30	...	18	57
70	105	418	12	...	...	...	...	49	1	2	29	...	16	58
7	17	113	...	...	...	...	...	6	...	...	1	...	2	59
4	9	99	25	...	...	...	...	4	1	2	...	...	...	60
142	221	1,421	9	1	...	3	...	97	4	7	50	...	23	61
111	167	682	8	1	...	3	...	71	4	3	45	...	19	62
22	38	321	...	...	...	...	...	18	...	1	2	...	4	63
3	7	103	1	...	...	...	...	2	...	1	3	...	...	64
4	6	190	...	...	...	...	...	4	...	1	...	...	...	65
2	3	125	...	...	...	...	...	2	...	1	...	...	...	66
138	230	1,461	26	1	...	...	...	97	2	2	48	...	15	67
101	167	637	11	...	...	...	...	68	2	1	39	...	14	68
28	49	358	...	...	...	...	...	20	...	...	8	...	1	69
3	4	87	...	1	...	...	...	3	...	...	1	...	...	70
4	8	130	15	...	...	...	...	4	...	1	...	...	...	71
1	1	94	...	...	...	...	...	1	...	...	...	...	...	72
1	1	155	...	...	...	...	...	1	...	...	...	...	...	73

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State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Virginia—Continued													
1	180 to 219 acres	113	22,595	1,137	5.0	15	384	232	325	179	2	...	...	...
2	1 to 9 acres irrigated	68	13,555	380	2.8	3	137	58	131	51	...	...	...	...
3	10 to 19 acres irrigated	37	7,412	432	5.8	12	142	134	104	38	2	...	...	...
4	20 to 29 acres irrigated	3	591	63	10.7	...	20	...	43	...	...	...	...	...
5	30 to 49 acres irrigated	3	627	117	18.7	...	30	40	47	...	...	...	...	...
6	50 to 99 acres irrigated	2	410	145	35.4	...	55	...	...	90	...	...	...	...
7	220 to 259 acres	98	23,441	1,744	7.4	43	642	441	348	124	144	2	...	...
8	1 to 9 acres irrigated	56	13,283	330	2.5	...	87	71	133	37	...	2	...	...
9	10 to 19 acres irrigated	24	5,785	301	5.2	...	65	41	154	32	9	...	...	...
10	20 to 29 acres irrigated	8	1,965	169	8.6	...	117	21	20	...	11	...	...	...
11	30 to 49 acres irrigated	1	255	45	17.6	...	45	...	...	...	...	...	...	...
12	50 to 99 acres irrigated	5	1,197	315	26.3	5	61	139	41	55	14	...	...	...
13	100 to 199 acres irrigated	4	956	584	61.1	38	267	169	...	...	110	...	...	...
14	260 to 499 acres	246	87,316	4,724	5.4	93	1,986	1,203	1,017	399	24	2	...	...
15	1 to 9 acres irrigated	101	34,588	603	1.7	13	191	134	191	70	2	2	...	...
16	10 to 19 acres irrigated	81	28,905	1,083	3.7	11	269	253	426	110	14	...	...	...
17	20 to 29 acres irrigated	23	8,680	525	6.0	...	227	124	127	39	8	...	...	...
18	30 to 49 acres irrigated	15	5,791	530	9.2	69	272	80	39	70	...	...	...	...
19	50 to 99 acres irrigated	22	7,842	1,379	17.6	...	727	393	149	110	...	...	...	...
20	100 to 199 acres irrigated	3	1,100	404	36.7	...	100	219	85	...	...	...	...	...
21	200 to 499 acres irrigated	1	410	200	48.8	...	200	...	...	...	...	...	...	...
22	500 to 999 acres	132	88,657	5,750	6.5	18	1,947	797	2,511	290	157	30	...	...
23	1 to 9 acres irrigated	31	19,957	161	0.8	2	59	25	73	2	...	...	...	...
24	10 to 19 acres irrigated	42	27,697	588	2.1	11	252	120	161	44	...	...	...	...
25	20 to 29 acres irrigated	18	12,771	430	3.4	...	131	129	127	43	...	...	...	...
26	30 to 49 acres irrigated	13	8,981	421	4.7	...	223	42	61	30	35	30	...	...
27	50 to 99 acres irrigated	12	7,514	817	10.9	5	324	213	202	71	2	...	...	...
28	100 to 199 acres irrigated	9	6,746	1,053	15.6	...	416	122	295	100	120	...	...	...
29	200 to 499 acres irrigated	5	3,748	1,244	33.2	...	542	146	556	...	...	...	...	...
30	500 to 999 acres irrigated	2	1,243	1,036	83.3	...	...	...	1,036	...	...	...	...	...
31	1,000 or more acres	70	155,801	7,101	4.6	50	4,314	1,314	1,003	420	...	...	...	...
32	1 to 9 acres irrigated	7	49,420	36	0.1	...	24	10	2	...	...	...	...	...
33	10 to 19 acres irrigated	14	16,666	191	1.1	...	99	54	31	7	...	...	...	...
34	20 to 29 acres irrigated	8	12,901	186	1.4	...	85	27	54	20	...	...	...	...
35	30 to 49 acres irrigated	6	7,597	199	2.6	...	149	...	17	33	...	...	...	...
36	50 to 99 acres irrigated	17	25,529	1,186	4.6	...	660	189	277	60	...	...	...	...
37	100 to 199 acres irrigated	6	13,717	624	4.5	...	460	164	...	...	...	...	...	...
38	200 to 499 acres irrigated	10	27,085	3,639	13.4	...	1,847	870	622	300	...	...	...	...
39	500 to 999 acres irrigated	2	2,886	1,040	36.0	50	990	...	...	...	...	...	...	...
40	West Virginia, total	21	7,129	358	5.0	2	304	...	33	18	...	1	...	...
41	Under 10 acres	1	6	1	16.7	...	...	...	...	...	...	1	...	...
42	1 to 9 acres irrigated	1	6	1	16.7	...	...	...	...	...	...	1	...	...
43	10 to 49 acres	4	113	13	11.5	...	13	...	...	...	...	...	...	...
44	1 to 9 acres irrigated	4	113	13	11.5	...	13	...	...	...	...	...	...	...
45	70 to 99 acres	2	176	6	3.4	...	...	...	6	...	...	...	...	...
46	1 to 9 acres irrigated	2	176	6	3.4	...	...	...	6	...	...	...	...	...
47	100 to 139 acres	4	498	8	1.6	1	6	...	1	...	...	...	...	...
48	1 to 9 acres irrigated	4	498	8	1.6	1	6	...	1	...	...	...	...	...
49	140 to 179 acres	2	315	6	1.9	1	5	...	...	...	...	...	...	...
50	1 to 9 acres irrigated	2	315	6	1.9	1	5	...	...	...	...	...	...	...
51	260 to 499 acres	3	1,263	26	2.1	...	5	...	3	18	...	...	...	...
52	1 to 9 acres irrigated	2	765	8	1.0	...	5	...	3	...	...	...	...	...
53	10 to 19 acres irrigated	1	498	18	3.6	...	...	...	...	18	...	...	...	...
54	500 to 999 acres	2	1,440	160	11.1	...	160	...	...	...	...	...	...	...
55	50 to 99 acres irrigated	1	930	60	6.5	...	60	...	...	...	...	...	...	...
56	100 to 199 acres irrigated	1	510	100	19.6	...	100	...	...	...	...	...	...	...
57	1,000 or more acres	3	3,318	138	4.2	...	115	...	23	...	...	...	...	...
58	20 to 29 acres irrigated	1	1,025	20	2.0	...	20	...	...	...	...	...	...	...
59	30 to 49 acres irrigated	1	1,013	40	3.9	...	40	...	...	...	...	...	...	...
60	50 to 99 acres irrigated	1	1,280	78	6.1	...	55	...	23	...	...	...	...	...
61	North Carolina, total	6,255	1,024,823	58,573	5.7	2,534	11,960	14,987	16,115	11,650	1,196	72	...	59
62	Under 10 acres	438	2,248	1,479	65.8	55	257	254	380	511	16	6	...	...
63	1 to 9 acres irrigated	438	2,248	1,479	65.8	55	257	254	380	511	16	6	...	...
64	10 to 49 acres	1,647	42,336	9,658	22.8	273	1,281	2,431	2,494	3,014	159	6	...	...
65	1 to 9 acres irrigated	1,433	36,746	6,705	18.2	215	952	1,784	1,785	1,863	100	6	...	...
66	10 to 19 acres irrigated	189	4,778	2,343	49.0	32	235	571	603	865	37	...	...	...
67	20 to 29 acres irrigated	20	598	424	70.9	26	...	51	46	286	15	...	...	...
68	30 to 49 acres irrigated	5	214	186	86.9	...	94	25	60	...	7	...	...	...
69	50 to 69 acres	590	34,187	3,869	11.3	163	621	975	1,129	876	94	11	...	...
70	1 to 9 acres irrigated	480	27,809	2,355	8.5	86	342	649	722	490	55	11	...	...
71	10 to 19 acres irrigated	94	5,474	1,140	20.8	38	212	272	310	286	22	...	...	...
72	20 to 29 acres irrigated	15	844	329	39.0	39	67	54	52	100	17	...	...	...
73	30 to 49 acres irrigated	1	60	45	75.0	...	...	...	45	...	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
92	166	1,119	...	12	...	...	6	68	6	2	23	...	16	1
51	89	374	...	...	...	...	6	35	4	1	16	...	13	2
33	63	420	...	12	...	...	...	26	1	1	7	...	3	3
3	6	63	...	...	...	...	...	3	...	...	...	...	...	4
3	5	117	...	...	...	...	...	2	1	...	...	...	...	5
2	3	145	...	...	...	...	...	2	...	...	...	...	...	6
78	148	1,744	...	...	...	...	...	61	3	2	23	1	13	7
44	79	330	...	...	...	...	...	29	...	1	18	1	10	8
21	41	301	...	...	...	...	...	18	...	...	5	...	3	9
5	16	169	...	...	...	...	...	7	1	...	...	...	...	10
1	4	45	...	...	...	...	...	1	...	...	...	...	...	11
5	6	315	...	...	...	...	...	4	...	1	...	...	...	12
2	2	584	...	...	...	...	...	2	2	...	...	...	...	13
209	460	4,629	75	15	...	5	...	155	19	8	58	...	16	14
86	179	589	14	...	...	...	...	58	6	3	27	...	8	15
74	180	1,052	21	10	...	...	...	54	2	3	19	...	6	16
19	48	515	...	5	...	5	...	14	2	...	8	...	1	17
10	21	490	40	...	...	...	...	9	4	1	2	...	...	18
17	25	1,379	...	...	...	...	...	17	4	...	2	...	1	19
2	6	404	...	...	...	...	...	2	1	...	...	...	...	20
1	1	200	...	...	...	...	...	1	...	1	...	...	...	21
119	330	5,713	35	2	...	...	...	83	13	11	28	1	4	22
26	61	154	5	2	...	...	...	15	3	2	9	1	2	23
38	111	588	...	...	...	...	...	32	2	...	9	...	1	24
18	56	430	...	...	...	...	...	12	1	1	5	...	...	25
11	31	421	...	...	...	...	...	7	2	1	1	...	1	26
11	26	792	25	...	...	...	...	7	2	2	3	...	...	27
8	16	1,048	5	...	...	...	...	5	1	3	...	...	...	28
5	21	1,244	...	...	...	...	...	4	2	2	...	...	...	29
2	8	1,036	...	...	...	...	...	1	...	...	1	...	...	30
60	237	7,091	10	...	...	...	...	46	12	4	12	...	4	31
7	28	36	...	...	...	...	...	5	...	1	1	...	...	32
12	35	191	...	...	...	...	...	5	2	...	5	...	2	33
8	28	186	...	...	...	...	...	4	3	...	1	...	1	34
3	11	189	10	...	...	...	...	5	1	...	1	...	...	35
14	48	1,186	...	...	...	...	...	12	2	1	2	...	1	36
5	18	624	...	...	...	...	...	4	2	...	1	...	...	37
9	60	3,639	...	...	...	...	...	8	2	2	1	...	...	38
2	9	1,040	...	...	...	...	...	3	...	...	...	...	...	39
7	12	355	3	...	...	...	...	13	1	4	...	1	2	40
...	...	1	...	...	...	...	...	...	...	...	...	1	...	41
...	...	1	...	...	...	...	...	...	...	...	...	1	...	42
1	1	13	...	...	...	...	...	3	...	1	...	...	...	43
1	1	13	...	...	...	...	...	3	...	1	...	...	...	44
2	4	6	...	...	...	...	...	2	...	...	...	...	...	45
2	4	6	...	...	...	...	...	2	...	...	...	...	...	46
2	4	5	3	...	...	...	...	2	...	2	...	...	...	47
2	4	5	3	...	...	...	...	2	...	2	...	...	...	48
...	...	6	...	...	...	...	...	...	...	1	...	...	1	49
...	...	6	...	...	...	...	...	...	...	1	...	...	1	50
1	1	26	...	...	...	...	...	2	...	...	...	...	1	51
1	1	8	...	...	...	...	...	1	...	...	...	...	1	52
...	...	18	...	...	...	...	...	1	...	...	...	...	...	53
...	...	160	...	...	...	...	...	2	...	...	...	...	...	54
...	...	60	...	...	...	...	...	1	...	...	...	...	...	55
...	...	100	...	...	...	...	...	1	...	...	...	...	...	56
1	2	138	...	...	...	...	...	2	1	...	...	...	...	57
...	...	20	...	...	...	...	...	1	...	...	...	...	...	58
...	...	40	...	...	...	...	...	1	...	...	...	...	...	59
1	2	78	...	...	...	...	...	...	1	...	...	...	...	60
5,098	10,911	56,449	992	693	45	542	18	3,076	233	109	1,493	7	1,529	61
259	397	1,445	31	2	1	...	...	109	7	14	58	3	249	62
259	397	1,445	31	2	1	...	...	109	7	14	58	3	249	63
1,213	1,999	9,417	193	24	...	13	11	652	46	28	279	1	679	64
1,027	1,556	6,600	91	...	...	13	1	548	36	21	228	1	628	65
166	386	2,246	87	...	...	...	10	88	10	6	45	...	47	66
17	53	385	15	24	...	...	...	14	...	1	6	...	1	67
3	4	186	...	...	...	...	...	2	...	...	...	...	3	68
484	797	3,812	46	8	...	3	...	317	15	8	135	1	128	69
390	586	2,327	17	8	...	3	...	256	5	4	116	1	108	70
80	169	1,111	29	...	...	...	...	51	7	3	16	...	20	71
13	40	329	...	...	...	...	...	9	3	1	3	...	...	72
1	2	45	...	...	...	...	...	1	...	...	...	...	...	73

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	North Carolina—Continued													
1	70 to 99 acres	712	58,923	5,123	8.7	101	1,072	1,564	1,337	952	81	16	...	...
2	1 to 9 acres irrigated	559	46,230	2,930	6.3	37	496	898	832	609	48	10	...	...
3	10 to 19 acres irrigated	133	11,026	1,638	14.9	62	282	565	463	247	13	6	...	...
4	20 to 29 acres irrigated	16	1,343	337	25.1	2	105	101	37	72	20	...	...	...
5	30 to 49 acres irrigated	2	164	78	47.6	...	49	...	5	24	...	...	...	...
6	50 to 99 acres irrigated	2	160	140	87.5	...	140	...	...	...	...	...	...	...
7	100 to 139 acres	748	87,085	5,970	6.9	173	992	1,619	1,811	1,305	70	...	...	...
8	1 to 9 acres irrigated	547	63,479	3,019	4.8	106	499	757	948	684	25	...	...	...
9	10 to 19 acres irrigated	170	20,056	2,133	10.6	52	347	565	735	400	34	...	...	...
10	20 to 29 acres irrigated	19	2,182	422	19.3	7	34	187	84	110	...	...	...	...
11	30 to 49 acres irrigated	12	1,368	396	28.9	8	112	110	44	111	11	...	...	...
12	140 to 179 acres	533	83,862	5,274	6.3	252	928	1,440	1,676	861	117	...	...	...
13	1 to 9 acres irrigated	312	49,024	1,801	3.7	35	341	470	649	283	23	...	...	...
14	10 to 19 acres irrigated	182	28,648	2,334	8.1	83	389	594	780	446	42	...	...	...
15	20 to 29 acres irrigated	28	4,434	638	14.4	...	158	170	156	102	52	...	...	...
16	30 to 49 acres irrigated	7	1,125	258	22.9	40	40	108	40	30	...	...	...	...
17	50 to 99 acres irrigated	4	631	243	38.5	94	...	98	51	...	...	...	...	...
18	180 to 219 acres	424	83,423	4,725	5.7	157	940	1,256	1,482	812	72	6	...	...
19	1 to 9 acres irrigated	215	42,218	1,280	3.0	28	289	283	406	247	21	6	...	...
20	10 to 19 acres irrigated	167	32,910	2,166	6.6	62	301	693	703	381	26	...	...	...
21	20 to 29 acres irrigated	28	5,545	648	11.7	...	130	172	208	113	25	...	...	...
22	30 to 49 acres irrigated	11	2,160	367	17.0	67	96	80	91	33	...	...	...	...
23	50 to 99 acres irrigated	2	410	114	27.8	...	12	28	74	...	...	...	...	...
24	100 to 199 acres irrigated	1	180	150	83.3	...	112	...	...	38	...	...	...	...
25	220 to 259 acres	231	54,677	2,810	5.1	92	596	781	754	541	46	...	...	...
26	1 to 9 acres irrigated	99	23,419	593	2.5	7	124	146	171	135	10	...	...	...
27	10 to 19 acres irrigated	106	25,149	1,386	5.5	30	253	457	372	253	21	...	...	...
28	20 to 29 acres irrigated	15	3,469	351	10.1	...	38	136	137	25	15	...	...	...
29	30 to 49 acres irrigated	8	1,934	281	14.5	30	95	15	38	103	...	...	...	...
30	50 to 99 acres irrigated	3	706	199	28.2	25	86	27	36	25	...	...	...	...
31	260 to 499 acres	614	212,909	9,393	4.4	602	1,570	2,575	2,990	1,423	208	21	...	4
32	1 to 9 acres irrigated	197	67,076	1,147	1.7	9	260	314	348	210	6	...	...	...
33	10 to 19 acres irrigated	262	89,593	3,546	4.0	144	509	910	1,284	590	91	14	...	4
34	20 to 29 acres irrigated	98	35,070	2,225	6.3	126	420	725	607	273	74	...	...	...
35	30 to 49 acres irrigated	41	15,012	1,444	9.6	125	173	323	537	260	19	7	...	...
36	50 to 99 acres irrigated	15	5,671	931	16.4	188	208	303	214	...	18	...	...	...
37	100 to 199 acres irrigated	1	487	100	20.5	10	...	...	...	90	...	...	...	...
38	500 to 999 acres	212	139,873	5,082	3.6	588	941	1,096	1,218	988	221	6	...	24
39	1 to 9 acres irrigated	50	34,489	256	0.7	9	97	38	50	56	...	6	...	...
40	10 to 19 acres irrigated	68	42,788	948	2.2	43	166	246	313	147	33	...	...	...
41	20 to 29 acres irrigated	46	29,826	1,063	3.6	5	150	431	310	148	19	...	...	...
42	30 to 49 acres irrigated	28	19,650	972	4.9	43	236	215	274	165	15	...	...	24
43	50 to 99 acres irrigated	13	8,775	813	9.3	100	142	96	233	170	72	...	...	...
44	100 to 199 acres irrigated	6	3,845	770	20.0	128	150	70	38	302	82	...	...	...
45	200 to 499 acres irrigated	1	500	260	52.0	260	...	...	...	...	...	...	...	...
46	1,000 or more acres	106	225,300	5,190	2.3	78	2,762	996	844	367	112	...	...	31
47	1 to 9 acres irrigated	17	24,884	102	0.4	8	34	23	23	14	...	...	...	...
48	10 to 19 acres irrigated	28	53,726	412	0.8	...	68	133	137	65	9	...	...	...
49	20 to 29 acres irrigated	17	54,257	396	0.7	2	71	89	176	44	14	...	...	...
50	30 to 49 acres irrigated	17	32,872	612	1.9	15	188	252	133	24	...	...	...	...
51	50 to 99 acres irrigated	17	36,508	1,038	2.8	53	334	275	193	63	89	...	...	31
52	100 to 199 acres irrigated	8	17,453	980	5.6	...	468	180	182	150	...	...	...	...
53	200 to 499 acres irrigated	1	1,000	250	25.0	...	213	37	...	...	...	...	...	...
54	1,000 or more acres irrigated	1	4,600	1,400	30.4	...	1,386	7	...	7	...	...	...	...
55	South Carolina, total	1,051	367,851	21,786	5.9	2,697	4,740	6,896	3,389	3,500	543	12	...	9
56	Under 10 acres	48	290	153	52.8	25	17	48	21	38	4	...	...	...
57	1 to 9 acres irrigated	48	290	153	52.8	25	17	48	21	38	4	...	...	...
58	10 to 49 acres	304	7,381	1,775	24.0	166	364	627	250	342	25	1	...	...
59	1 to 9 acres irrigated	271	6,448	1,110	17.2	95	154	444	196	207	13	1	...	...
60	10 to 19 acres irrigated	17	400	209	52.3	11	78	55	2	51	12	...	...	...
61	20 to 29 acres irrigated	9	273	216	79.1	...	94	76	22	24	...	...	...	...
62	30 to 49 acres irrigated	7	260	240	92.3	60	38	52	30	60	...	...	...	...
63	50 to 69 acres	49	2,838	431	15.2	19	49	183	84	60	36	...	...	...
64	1 to 9 acres irrigated	36	2,113	179	8.5	13	33	67	42	15	9	...	...	...
65	10 to 19 acres irrigated	10	569	133	23.4	1	6	84	37	...	5	...	...	...
66	20 to 29 acres irrigated	1	52	20	38.5	5	10	...	5	...	...	...	...	...
67	30 to 49 acres irrigated	1	50	45	90.0	...	...	...	...	45	...	...	...	...
68	50 to 69 acres irrigated	1	54	54	100.0	...	...	32	...	...	22	...	...	...
69	70 to 99 acres	73	6,096	632	10.4	14	175	303	69	64	5	2	...	...
70	1 to 9 acres irrigated	51	4,221	234	5.5	5	34	108	49	31	5	2	...	...
71	10 to 19 acres irrigated	18	1,546	219	14.2	9	48	109	20	33	...	...	...	...
72	20 to 29 acres irrigated	1	97	29	29.9	...	...	29	...	...	...	...	...	...
73	30 to 49 acres irrigated	2	147	65	44.2	...	50	15	...	...	...	...	...	...
74	50 to 99 acres irrigated	1	85	85	100.0	...	43	42	...	...	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
608	1,088	4,967	129	25	...	2	...	385	22	8	190	...	121	1
474	783	2,870	33	25	...	2	...	292	12	4	160	...	100	2
118	251	1,610	28	...	...	...	...	78	8	3	28	...	20	3
14	36	317	20	...	...	...	...	12	2	1	2	...	...	4
2	18	30	48	...	...	...	...	1	...	...	...	...	1	5
...	...	140	...	...	...	...	...	2	...	...	...	...	...	6
651	1,298	5,798	169	7	...	...	7	425	16	16	220	...	94	7
464	827	2,965	51	7	...	...	7	297	8	9	170	...	77	8
157	374	2,083	50	...	...	...	...	108	5	5	43	...	16	9
19	48	390	32	...	...	...	...	14	1	...	5	...	...	10
11	49	360	36	...	...	...	...	6	2	2	2	...	1	11
474	1,062	5,066	59	29	4	116	...	308	17	3	163	...	59	12
268	504	1,775	17	5	4	...	...	170	7	1	97	...	43	13
169	451	2,304	30	...	...	...	...	108	7	1	58	...	15	14
28	77	626	12	...	...	...	...	22	1	...	7	...	...	15
6	22	218	...	24	...	16	...	6	1	...	1	...	...	16
3	8	143	...	...	...	100	...	2	1	1	...	...	1	17
366	873	4,556	45	102	...	22	...	226	14	8	125	1	67	18
166	316	1,269	11	...	...	...	...	98	6	2	68	...	47	19
160	409	2,140	26	...	...	...	...	99	5	4	46	...	19	20
27	92	593	8	25	...	22	...	19	1	2	9	...	1	21
10	36	290	...	77	...	...	...	8	1	...	1	1	...	22
2	19	114	...	...	...	...	...	1	...	...	1	...	...	23
1	1	150	...	...	...	...	...	1	1	...	...	...	...	24
201	514	2,625	155	30	...	...	...	117	13	5	72	...	29	25
80	170	574	19	...	...	...	...	45	2	2	32	...	18	26
99	256	1,346	40	...	...	...	...	58	7	1	32	...	11	27
15	57	331	20	...	...	...	...	7	2	1	6	...	...	28
6	28	175	76	30	...	...	...	5	1	...	2	...	...	29
1	3	199	...	...	...	...	...	2	1	1	...	...	...	30
558	1,680	8,990	128	153	...	126	...	331	39	12	185	...	76	31
172	385	1,123	24	...	...	...	...	96	5	3	60	...	39	32
246	723	3,484	43	23	...	...	...	134	17	4	88	...	32	33
92	334	2,179	21	25	...	...	...	65	9	3	25	...	2	34
35	153	1,359	40	45	...	...	...	25	4	2	11	...	1	35
12	82	745	...	60	...	126	...	10	4	...	1	...	2	36
1	3	100	...	...	...	...	...	1	...	...	...	...	...	37
192	753	4,621	32	280	40	260	...	132	27	3	53	1	15	38
35	98	245	2	9	...	...	...	33	2	...	7	1	8	39
65	209	939	...	10	...	...	...	38	6	...	21	...	6	40
46	222	1,033	30	...	...	...	...	27	9	2	17	...	...	41
27	131	971	...	1	...	...	...	20	4	...	5	...	1	42
13	68	663	...	110	40	...	...	9	3	1	3	...	...	43
5	18	770	...	150	...	...	...	4	3	...	...	...	...	44
1	7	...	...	...	...	260	...	1	...	...	...	...	...	45
92	450	5,152	5	33	...	...	...	74	17	4	13	...	12	46
13	41	102	...	...	...	...	...	11	2	...	1	...	4	47
25	73	412	...	...	...	...	...	18	6	...	4	...	5	48
14	55	396	...	...	...	...	...	11	4	...	4	...	1	49
16	87	612	...	...	...	...	...	15	1	...	...	...	1	50
14	123	1,005	...	33	...	...	...	12	2	1	2	...	1	51
8	55	980	...	...	...	...	...	6	2	1	2	...	...	52
1	12	245	5	...	...	...	...	1	...	1	...	...	...	53
1	4	1,400	...	...	...	...	...	...	...	1	...	...	...	54
871	2,063	20,895	260	473	115	32	13	501	84	64	116	6	323	55
29	53	148	5	...	...	...	...	11	2	5	3	...	28	56
29	53	148	5	...	...	...	...	11	2	5	3	...	28	57
217	306	1,742	26	4	2	2	1	86	7	20	13	...	183	58
196	267	1,096	8	4	2	2	...	73	6	16	10	...	168	59
9	17	196	12	...	...	...	1	7	1	1	1	...	8	60
7	10	211	5	...	...	...	...	3	...	1	2	...	5	61
5	12	239	1	...	...	...	...	3	...	2	...	...	2	62
40	71	367	55	2	7	...	...	25	1	5	6	...	15	63
28	48	170	...	2	7	...	...	17	...	2	5	...	13	64
10	20	133	...	...	...	...	...	6	...	2	1	...	2	65
1	2	19	1	...	...	...	...	1	...	1	...	...	...	66
...	...	45	...	...	...	...	...	1	...	...	...	...	...	67
1	1	...	54	...	...	...	...	...	1	...	...	...	...	68
67	120	600	2	...	...	30	...	45	3	6	9	1	...	69
48	76	232	2	...	...	...	...	30	1	4	7	1	9	70
15	33	219	...	...	...	...	...	12	2	...	2	...	2	71
1	1	29	...	...	...	...	...	...	...	1	...	...	...	72
2	8	35	...	...	...	30	...	2	...	1	...	...	...	73
1	2	85	...	...	...	...	...	1	...	...	...	...	...	74

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	South Carolina—Continued													
1	100 to 139 acres	80	9,252	900	9.7	115	149	371	143	110	12	...	...	...
2	1 to 9 acres irrigated	46	5,270	243	4.6	4	25	123	50	39	2	...	...	...
3	10 to 19 acres irrigated	23	2,693	267	9.9	6	45	131	29	46	10	...	...	...
4	20 to 29 acres irrigated	7	826	159	19.2	...	26	64	44	25	...	...	...	...
5	30 to 49 acres irrigated	2	243	73	30.0	...	...	53	20	...	...	...	...	...
6	50 to 99 acres irrigated	1	115	53	46.1	...	53	...	...	...	...	...	...	...
7	100 to 139 acres irrigated	1	105	105	100.0	105	...	...	...	...	...	...	...	...
8	140 to 179 acres	65	10,264	818	8.0	34	132	244	218	160	24	6	...	...
9	1 to 9 acres irrigated	35	5,557	196	3.5	5	20	113	37	21	...	...	...	...
10	10 to 19 acres irrigated	14	2,205	183	8.3	3	18	62	74	14	12	...	...	...
11	20 to 29 acres irrigated	12	1,867	283	15.2	26	64	69	31	75	12	6	...	...
12	30 to 49 acres irrigated	3	495	106	21.4	...	30	...	76	...	...	...	...	...
13	50 to 99 acres irrigated	1	140	50	35.7	...	...	...	...	50	...	...	...	...
14	180 to 219 acres	50	9,936	878	8.8	115	201	178	147	141	96	...	...	...
15	1 to 9 acres irrigated	25	4,932	150	3.0	16	12	74	48	...	...	...	...	...
16	10 to 19 acres irrigated	12	2,356	155	6.6	5	...	84	16	24	26	...	...	...
17	20 to 29 acres irrigated	5	1,006	113	11.2	45	38	20	...	10	...	...	...	...
18	30 to 49 acres irrigated	4	805	147	18.3	40	70	...	...	37	...	...	...	...
19	50 to 99 acres irrigated	3	627	209	33.3	9	60	...	...	70	70	...	...	...
20	100 to 199 acres irrigated	1	210	104	49.5	...	21	...	83	...	...	...	...	...
21	220 to 259 acres	47	11,225	781	7.0	...	142	359	203	69	8	...	...	...
22	1 to 9 acres irrigated	18	4,321	83	1.9	...	4	62	15	...	2	...	...	...
23	10 to 19 acres irrigated	15	3,546	177	5.0	...	17	75	53	26	6	...	...	...
24	20 to 29 acres irrigated	5	1,205	111	9.2	...	6	80	25	...	...	...	...	...
25	30 to 49 acres irrigated	5	1,212	175	14.4	...	40	62	30	43	...	...	...	...
26	50 to 99 acres irrigated	4	941	235	25.0	...	75	80	80	...	...	...	...	...
27	260 to 499 acres	124	44,487	3,782	8.5	360	942	1,256	481	692	51	...	...	...
28	1 to 9 acres irrigated	28	9,495	151	1.6	10	24	69	26	22	...	...	...	...
29	10 to 19 acres irrigated	34	12,104	445	3.7	5	47	267	101	25	...	...	...	...
30	20 to 29 acres irrigated	19	6,601	440	6.7	23	61	186	85	65	20	...	...	...
31	30 to 49 acres irrigated	14	5,194	523	10.1	67	95	131	61	138	31	...	...	...
32	50 to 99 acres irrigated	22	8,285	1,280	15.4	65	370	445	68	332	...	...	...	...
33	100 to 199 acres irrigated	6	2,358	743	31.5	190	155	158	130	110	...	...	...	...
34	200 to 499 acres irrigated	1	450	200	44.4	...	190	...	10	...	...	...	...	...
35	500 to 999 acres	131	89,819	5,027	5.6	576	1,127	1,667	819	655	174	...	...	9
36	1 to 9 acres irrigated	22	15,579	136	0.9	8	22	73	33	...	...	...	...	...
37	10 to 19 acres irrigated	26	16,617	348	2.1	14	110	129	57	27	11	...	...	...
38	20 to 29 acres irrigated	30	20,972	704	3.4	61	182	248	118	93	2	...	...	...
39	30 to 49 acres irrigated	18	11,887	647	5.4	112	206	119	75	117	9	...	...	9
40	50 to 99 acres irrigated	22	15,714	1,298	8.3	126	263	518	205	138	48	...	...	...
41	100 to 199 acres irrigated	12	8,350	1,594	19.1	255	344	430	181	280	104	...	...	...
42	200 to 499 acres irrigated	1	700	300	42.9	...	...	150	150	...	...	...	...	...
43	1,000 or more acres	80	176,263	6,609	3.7	1,273	1,442	1,660	954	1,169	108	3	...	...
44	1 to 9 acres irrigated	11	25,075	57	0.2	1	28	17	6	4	1	...	...	...
45	10 to 19 acres irrigated	14	22,575	214	0.9	...	71	43	38	62	...	...	...	...
46	20 to 29 acres irrigated	5	8,925	124	1.4	...	20	79	25	...	...	...	...	...
47	30 to 49 acres irrigated	10	15,722	355	2.3	...	176	128	51	...	...	...	...	...
48	50 to 99 acres irrigated	18	42,330	1,257	3.0	264	126	547	288	14	18	...	...	...
49	100 to 199 acres irrigated	13	21,777	1,722	7.9	272	586	251	271	292	50	...	...	...
50	200 to 499 acres irrigated	8	37,659	2,180	5.8	736	435	595	275	97	39	3	...	...
51	500 to 999 acres irrigated	1	2,200	700	31.8	...	...	...	...	700	...	...	...	...
52	Georgia, total	1,817	803,298	31,792	4.0	4,091	9,534	3,766	6,681	7,351	81	285	...	3
53	Under 10 acres	51	233	147	63.1	36	23	24	26	35	...	3	...	...
54	1 to 9 acres irrigated	51	233	147	63.1	36	23	24	26	35	...	3	...	...
55	10 to 49 acres	173	4,776	887	18.6	110	260	124	177	199	...	17	...	...
56	1 to 9 acres irrigated	153	4,228	545	12.9	61	121	59	118	181	...	5	...	...
57	10 to 19 acres irrigated	14	358	177	49.4	49	20	40	38	18	...	12	...	...
58	20 to 29 acres irrigated	4	111	86	77.5	...	40	25	21	...	...	...	...	...
59	30 to 49 acres irrigated	2	79	79	100.0	...	79	...	...	...	...	...	...	...
60	50 to 69 acres	100	5,771	550	9.5	83	81	100	77	193	11	5	...	...
61	1 to 9 acres irrigated	88	5,089	312	6.1	8	64	20	65	141	11	3	...	...
62	10 to 19 acres irrigated	6	340	83	24.4	16	11	10	6	40	...	...	...	...
63	20 to 29 acres irrigated	4	226	95	42.0	47	...	46	...	...	...	2	...	...
64	30 to 49 acres irrigated	2	116	60	51.7	12	6	24	6	12	...	...	...	...
65	70 to 99 acres	136	11,162	801	7.2	170	176	91	151	201	9	...	...	3
66	1 to 9 acres irrigated	120	9,798	446	4.6	42	96	75	98	131	1	...	...	3
67	10 to 19 acres irrigated	11	950	169	17.8	64	20	16	53	8	8	...	...	...
68	20 to 29 acres irrigated	1	85	22	25.9	...	...	...	...	22	...	...	...	...
69	30 to 49 acres irrigated	3	254	104	40.9	64	...	...	...	40	...	...	...	...
70	50 to 99 acres irrigated	1	75	60	80.0	...	60	...	...	...	...	...	...	...
71	100 to 139 acres	192	21,979	1,279	5.8	58	304	300	317	297	2	1	...	...
72	1 to 9 acres irrigated	153	17,532	643	3.7	12	121	105	193	209	2	1	...	...
73	10 to 19 acres irrigated	28	3,160	326	10.3	26	33	106	98	63	...	...	...	...
74	20 to 29 acres irrigated	7	793	151	19.0	15	61	49	26	...	...	...	...	...
75	30 to 49 acres irrigated	3	360	104	28.9	5	34	40	...	25	...	...	...	...
76	50 to 99 acres irrigated	1	134	55	41.0	...	55	...	...	...	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
70	121	878	10	5	7	...	...	42	8	6	15	1	12	1
39	65	223	10	5	5	...	...	24	2	4	9	1	8	2
21	37	265	...	...	2	...	...	10	5	2	5	...	3	3
7	13	159	...	...	...	...	...	6	...	...	1	...	...	4
2	4	73	...	...	...	...	...	1	1	...	...	...	...	5
1	2	53	...	...	...	...	...	1	...	...	...	...	...	6
...	...	105	...	...	...	...	...	...	...	...	...	...	1	7
63	125	803	...	2	1	...	12	42	2	1	11	1	8	8
34	62	193	...	2	1	...	...	19	1	...	7	1	7	9
14	33	183	...	...	...	...	...	10	1	...	3	...	...	10
12	27	271	...	...	...	...	12	10	...	1	1	...	...	11
2	2	106	...	...	...	...	...	2	...	...	...	...	1	12
1	1	50	...	...	...	...	...	1	...	...	...	...	...	13
44	83	863	7	5	3	...	...	26	2	2	9	1	11	14
23	41	135	7	5	3	...	...	11	1	2	5	1	6	15
12	25	155	...	...	...	...	...	9	...	...	3	...	...	16
4	6	113	...	...	...	...	...	2	...	...	1	...	2	17
2	3	147	...	...	...	...	...	2	...	...	...	...	2	18
2	5	209	...	...	...	...	...	1	1	...	...	...	1	19
1	3	104	...	...	...	...	...	1	...	...	...	...	...	20
44	98	765	14	2	...	...	...	24	6	1	10	...	8	21
17	26	80	3	...	...	...	...	9	...	1	2	...	6	22
14	35	164	11	2	...	...	...	8	1	...	5	...	2	23
5	14	111	...	...	...	...	...	2	2	...	1	...	...	24
4	13	175	...	...	...	...	...	2	2	...	2	...	...	25
4	10	235	...	...	...	...	...	3	1	...	...	...	...	26
113	336	3,692	5	45	40	...	...	77	15	4	22	...	16	27
27	64	151	...	...	...	...	...	16	1	...	9	...	5	28
32	93	445	...	...	...	...	...	19	4	1	8	...	4	29
18	64	435	5	...	...	...	...	15	1	1	2	...	2	30
12	38	438	...	45	40	...	...	10	3	...	1	...	...	31
18	60	1,280	...	...	...	...	...	13	3	1	1	...	5	32
5	15	743	...	...	...	...	...	4	2	1	1	...	...	33
1	2	200	...	...	...	...	...	...	1	...	...	...	...	34
112	361	4,635	90	302	...	...	...	75	19	7	11	2	23	35
20	52	135	...	1	...	...	...	15	...	1	3	...	4	36
22	61	330	...	18	...	...	...	14	2	2	2	1	5	37
25	91	679	25	...	...	...	...	19	2	...	3	...	6	38
13	38	647	...	...	...	...	...	7	4	1	2	...	5	39
20	76	1,208	65	25	...	...	...	15	4	2	...	...	3	40
11	40	1,336	...	258	...	...	...	5	6	1	1	1	...	41
1	3	300	...	...	...	...	...	...	1	...	...	...	...	42
72	389	6,402	46	106	55	...	...	48	19	7	7	...	8	43
11	34	51	...	6	...	...	...	8	...	1	1	...	1	44
11	54	214	...	...	...	...	...	7	1	1	...	...	5	45
5	19	124	...	...	...	...	...	2	1	...	2	...	...	46
8	39	315	40	...	...	...	...	7	1	...	1	...	1	47
18	106	1,257	...	...	...	...	...	10	8	4	1	...	...	48
13	77	1,663	4	...	55	...	...	9	4	1	...	...	...	49
5	51	2,078	2	100	...	...	...	4	3	...	2	...	1	50
1	9	700	...	...	...	...	...	1	1	...	...	...	...	51
1,404	3,406	30,544	723	457	22	33	13	965	127	105	306	9	389	52
19	24	135	12	...	...	...	...	7	...	9	1	3	31	53
19	24	135	12	...	...	...	...	7	...	9	1	3	31	54
90	143	795	72	12	...	8	...	55	4	17	17	3	83	55
78	113	504	37	...	...	4	...	45	3	12	17	2	79	56
8	26	142	35	...	...	...	...	6	1	4	...	1	2	57
3	3	70	...	12	...	4	...	3	...	1	...	...	1	58
1	1	79	...	...	...	...	...	1	...	...	...	...	1	59
66	106	519	22	9	...	...	...	44	7	9	14	1	27	60
57	91	294	9	9	...	...	...	38	6	5	14	1	25	61
3	6	83	...	...	...	...	...	3	1	...	...	...	2	62
4	7	87	8	...	...	...	...	2	...	2	...	...	...	63
2	2	55	5	...	...	...	...	1	...	2	...	...	...	64
97	134	750	27	23	1	...	...	60	6	8	30	...	36	65
87	121	423	9	14	...	...	...	55	5	4	28	...	31	66
7	9	141	18	9	1	...	...	3	1	2	2	...	3	67
1	2	22	...	...	...	...	...	...	...	1	...	...	...	68
1	1	104	...	...	...	...	...	1	...	1	...	...	2	69
1	1	60	...	...	...	...	...	1	...	...	...	...	...	70
153	276	1,244	19	14	2	...	...	116	8	6	28	1	38	71
121	219	624	13	4	2	...	...	91	8	2	22	1	31	72
23	43	310	6	10	...	...	...	17	...	4	6	...	4	73
7	12	151	...	...	...	...	...	6	...	...	...	...	1	74
2	2	104	...	...	...	...	...	1	...	...	...	...	2	75
...	...	55	...	...	...	...	...	1	...	...	...	...	...	76

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Georgia—Continued.....													
1	140 to 179 acres.....	169	26,731	1,574	5.9	53	359	306	300	506	...	50	...	...
2	1 to 9 acres irrigated.....	126	19,952	555	2.8	43	73	103	155	181	...	...	...	...
3	10 to 19 acres irrigated.....	28	4,413	343	7.8	10	34	67	116	116	...	...	...	...
4	20 to 29 acres irrigated.....	6	946	137	14.5	...	62	21	29	25	...	...	...	...
5	30 to 49 acres irrigated.....	4	632	155	24.5	...	70	40	...	45	...	...	...	...
6	50 to 99 acres irrigated.....	4	630	245	38.9	...	120	75	...	...	...	50	...	...
7	100 to 179 acres irrigated.....	1	158	139	88.0	...	...	...	...	139	...	...	...	...
8	180 to 219 acres.....	133	26,367	1,245	4.7	205	265	138	370	249	18	...	...	...
9	1 to 9 acres irrigated.....	91	17,968	418	2.3	17	59	89	109	143	1	...	...	...
10	10 to 19 acres irrigated.....	28	5,560	352	6.3	43	41	32	146	85	5	...	...	...
11	20 to 29 acres irrigated.....	9	1,820	195	10.7	24	55	17	78	21	...	...	...	...
12	30 to 49 acres irrigated.....	2	419	60	14.3	...	60	...	...	...	...	...	...	...
13	50 to 99 acres irrigated.....	2	400	100	25.0	25	50	...	25	...	...	...	...	...
14	100 to 199 acres irrigated.....	1	200	120	60.0	96	...	...	12	...	12	...	...	...
15	220 to 259 acres.....	108	25,971	1,036	4.0	42	226	180	356	230	2	...	...	...
16	1 to 9 acres irrigated.....	70	16,763	319	1.9	7	64	67	78	103	...	...	...	...
17	10 to 19 acres irrigated.....	28	6,762	369	5.5	...	40	73	152	102	2	...	...	...
18	20 to 29 acres irrigated.....	6	1,507	141	9.4	10	27	20	59	25	...	...	...	...
19	30 to 49 acres irrigated.....	2	465	82	17.6	...	20	20	42	...	...	...	...	...
20	50 to 99 acres irrigated.....	2	474	125	26.4	25	75	...	25	...	...	...	...	...
21	260 to 499 acres.....	347	124,124	5,706	4.6	350	1,186	557	1,362	2,230	8	13	...	...
22	1 to 9 acres irrigated.....	190	66,372	984	1.5	54	147	139	297	346	1	...	...	...
23	10 to 19 acres irrigated.....	95	33,853	1,209	3.6	64	246	161	414	304	7	13	...	...
24	20 to 29 acres irrigated.....	21	8,035	469	5.8	48	94	70	155	102	...	...	...	...
25	30 to 49 acres irrigated.....	15	5,651	537	9.5	45	92	162	141	97	...	...	...	...
26	50 to 99 acres irrigated.....	20	7,544	1,176	15.6	139	267	25	355	390	...	...	...	...
27	100 to 199 acres irrigated.....	3	1,433	402	28.1	...	140	...	...	262	...	...	...	...
28	200 to 499 acres irrigated.....	3	1,236	929	75.2	...	200	...	...	729	...	...	...	...
29	500 to 999 acres.....	255	173,323	7,968	4.6	1,221	2,573	1,180	1,919	1,037	31	7	...	...
30	1 to 9 acres irrigated.....	88	57,188	530	0.9	45	64	113	222	84	2	...	...	...
31	10 to 19 acres irrigated.....	75	51,435	966	1.9	69	184	192	346	174	1	...	...	...
32	20 to 29 acres irrigated.....	28	19,767	663	3.4	25	165	158	106	181	28	...	...	...
33	30 to 49 acres irrigated.....	20	13,575	755	5.6	118	245	174	182	36	...	...	...	...
34	50 to 99 acres irrigated.....	18	12,254	1,083	8.8	433	172	73	243	162	...	...	...	...
35	100 to 199 acres irrigated.....	17	12,580	1,980	15.7	165	801	200	557	250	...	7	...	...
36	200 to 499 acres irrigated.....	9	6,524	1,991	30.5	366	942	270	263	150	...	...	...	...
37	1,000 or more acres.....	153	382,861	10,599	2.8	1,763	4,081	766	1,626	2,174	...	189	...	...
38	1 to 9 acres irrigated.....	26	47,252	155	0.3	27	30	9	29	60	...	...	...	...
39	10 to 19 acres irrigated.....	38	74,621	493	0.7	106	65	115	135	72	...	...	...	...
40	20 to 29 acres irrigated.....	23	46,050	539	1.2	120	127	81	137	49	...	25	...	...
41	30 to 49 acres irrigated.....	22	101,184	804	0.8	54	290	155	179	112	...	14	...	...
42	50 to 99 acres irrigated.....	15	26,532	1,013	3.8	153	496	169	100	95	...	...	...	...
43	100 to 199 acres irrigated.....	11	19,847	1,224	6.2	300	302	...	348	274	...	...	...	...
44	200 to 499 acres irrigated.....	13	52,060	3,696	7.1	453	1,219	75	482	1,317	...	150	...	...
45	500 to 999 acres irrigated.....	5	15,315	2,675	17.5	550	1,552	162	216	195	...	...	...	...
46	Florida, total.....	3,155	2,307,129	413,716	17.9	218,000	26,316	5,362	2,096	59,647	80,370	117	21,135	673
47	Under 10 acres.....	407	1,669	1,148	68.8	960	34	14	5	78	24	33	...	...
48	1 to 9 acres irrigated.....	407	1,669	1,148	68.8	960	34	14	5	78	24	33	...	...
49	10 to 49 acres.....	770	19,302	11,196	58.0	8,917	138	343	66	1,002	606	39	65	20
50	1 to 9 acres irrigated.....	301	6,526	1,315	20.2	995	28	82	10	156	32	7	5	...
51	10 to 19 acres irrigated.....	229	4,761	2,896	60.8	2,264	42	119	27	242	122	20	60	...
52	20 to 29 acres irrigated.....	113	3,248	2,509	77.2	2,032	...	52	...	286	107	12	...	20
53	30 to 49 acres irrigated.....	127	4,767	4,476	93.9	3,626	68	90	29	318	345	...	...	...
54	50 to 69 acres.....	186	10,659	5,430	50.9	3,969	29	121	16	769	445	1	80	...
55	1 to 9 acres irrigated.....	47	2,698	179	6.6	134	7	7	5	26	...	...	...	...
56	10 to 19 acres irrigated.....	28	1,621	371	22.9	275	22	29	...	38	7	...	...	...
57	20 to 29 acres irrigated.....	22	1,235	486	39.4	361	...	...	...	40	65	...	20	...
58	30 to 49 acres irrigated.....	38	2,137	1,508	70.6	997	...	85	11	369	46	...	...	...
59	50 to 69 acres irrigated.....	51	2,968	2,886	97.2	2,202	...	...	...	296	327	1	60	...
60	70 to 99 acres.....	183	14,901	8,104	54.4	5,726	142	125	128	725	795	...	428	35
61	1 to 9 acres irrigated.....	37	3,079	125	4.1	57	26	14	4	18	2	...	4	...
62	10 to 19 acres irrigated.....	18	1,456	239	16.4	166	8	15	20	20	2	...	8	...
63	20 to 29 acres irrigated.....	11	911	242	26.6	84	...	59	21	52	26	...	...	...
64	30 to 49 acres irrigated.....	28	2,245	1,012	45.1	712	30	25	3	137	70	...	...	35
65	50 to 99 acres irrigated.....	89	7,210	6,486	90.0	4,707	78	12	80	498	695	...	416	...
66	100 to 139 acres.....	218	25,058	11,521	46.0	8,223	180	103	45	1,030	1,060	...	880	...
67	1 to 9 acres irrigated.....	38	4,404	171	3.9	124	22	10	...	15	...	...	...	...
68	10 to 19 acres irrigated.....	29	3,358	380	11.3	201	88	35	3	38	15	...	...	...
69	20 to 29 acres irrigated.....	17	1,946	385	19.8	279	...	28	2	25	5	...	46	...
70	30 to 49 acres irrigated.....	31	3,491	1,174	33.6	892	...	30	...	151	71	...	30	...
71	50 to 99 acres irrigated.....	51	5,853	3,557	60.8	2,441	70	...	40	363	278	...	365	...
72	100 to 139 acres irrigated.....	52	6,006	5,854	97.5	4,286	...	...	...	438	691	...	439	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
136	256	1,417	118	39	...	...	...	97	10	4	32	...	30	1
100	176	541	14	...	...	...	...	73	4	2	26	...	24	2
26	59	298	35	10	...	...	...	16	3	1	3	...	5	3
4	13	116	21	...	...	...	...	5	...	...	1	...	...	4
3	4	137	18	...	...	...	...	2	2	...	1	...	...	5
3	4	215	30	...	...	...	...	...	1	1	1	...	1	6
...	...	110	...	29	...	...	...	1	...	...	...	...	...	7
116	231	1,189	50	...	6	...	...	78	4	6	33	...	19	8
78	137	402	10	...	6	...	...	53	2	1	23	...	16	9
27	65	332	20	...	...	...	...	17	2	2	8	...	1	10
7	20	195	...	...	...	...	...	3	...	2	2	...	2	11
2	5	60	...	...	...	...	...	2	...	...	...	...	...	12
1	2	100	...	...	...	...	...	2	...	...	...	...	...	13
1	2	100	20	...	...	...	...	1	...	1	...	...	...	14
95	213	1,011	22	3	...	...	...	65	3	...	24	...	21	15
58	118	307	12	...	...	...	...	41	2	...	12	...	17	16
28	71	359	10	...	...	...	...	17	...	...	11	...	3	17
5	18	138	...	3	...	...	...	4	...	...	1	...	1	18
2	3	82	...	...	...	...	...	2	...	...	...	...	...	19
2	3	125	...	...	...	...	...	1	1	...	...	...	...	20
285	683	5,518	148	2	...	25	13	193	28	18	66	...	56	21
151	327	958	24	2	...	...	...	104	13	3	37	...	36	22
82	214	1,132	64	...	...	...	13	51	8	7	21	...	14	23
17	59	424	20	...	...	25	...	14	...	4	3	...	2	24
15	39	507	30	...	...	...	...	9	2	3	1	...	1	25
15	30	1,166	10	...	...	...	...	11	4	1	4	...	2	26
3	9	402	...	...	...	...	...	2	1	...	...	...	...	27
2	5	929	...	...	...	...	...	2	...	...	...	...	1	28
217	692	7,437	196	335	...	...	...	158	24	18	44	...	32	29
72	184	530	...	...	...	...	...	50	5	4	15	...	17	30
68	220	914	47	5	...	...	...	54	3	6	15	...	6	31
26	79	638	25	...	...	...	...	11	2	...	11	...	5	32
17	64	651	74	30	...	...	...	15	1	2	1	...	3	33
13	57	1,033	50	...	...	...	...	12	3	3	1	...	1	34
15	54	1,880	...	100	...	...	...	10	7	2	1	...	...	35
6	34	1,791	...	200	...	...	...	6	3	1	...	...	...	36
130	648	10,529	37	20	13	...	...	92	33	10	17	1	16	37
21	58	152	3	...	...	...	...	15	1	...	6	...	4	38
35	110	491	2	...	...	...	...	22	5	3	3	...	7	39
19	100	497	22	20	...	...	...	18	1	2	2	1	2	40
17	113	793	10	...	1	...	...	15	4	1	5	...	2	41
13	73	1,001	...	...	12	...	...	5	8	1	1	...	1	42
9	58	1,224	...	...	...	...	...	8	2	2	...	...	...	43
12	96	3,696	...	...	...	...	...	8	8	...	...	...	...	44
4	40	2,675	...	...	...	...	...	1	4	1	...	...	...	45
658	1,624	89,271	12,428	180,375	13,517	117,237	3,433	1,411	328	762	137	316	530	46
41	72	461	337	164	25	155	10	69	2	214	...	44	95	47
41	72	461	337	164	25	155	10	69	2	214	...	44	95	48
127	300	4,219	1,281	3,711	361	1,574	63	279	28	186	27	131	164	49
57	129	551	391	229	18	105	29	125	1	104	5	22	62	50
37	69	1,067	524	710	152	409	34	80	9	49	6	40	56	51
17	34	1,112	138	860	107	292	...	40	8	13	9	29	20	52
16	68	1,489	228	1,912	84	768	...	34	10	20	7	40	26	53
26	61	2,308	311	1,759	160	836	66	77	17	36	5	18	48	54
9	15	126	36	3	...	14	...	16	1	18	...	1	13	55
6	21	245	54	40	...	32	...	19	1	9	1	...	4	56
2	3	222	...	129	65	70	...	7	2	1	2	3	7	57
7	20	677	96	408	5	286	46	17	2	3	...	5	12	58
2	2	1,038	125	1,179	90	434	20	18	11	5	2	9	12	59
47	91	2,566	474	3,270	393	1,467	4	83	16	40	8	22	31	60
10	15	84	21	3	...	13	4	15	1	12	1	1	9	61
5	7	135	65	10	...	29	...	14	1	3	1	1	1	62
8	18	186	31	25	...	...	...	4	...	4	1	1	1	63
7	14	625	84	178	...	125	...	11	2	4	2	2	8	64
17	37	1,536	273	3,054	393	1,300	...	39	12	17	3	17	12	65
37	130	4,162	859	3,940	459	2,069	84	120	28	36	12	18	30	66
10	15	123	21	11	3	4	9	18	2	9	3	2	10	67
10	13	258	87	14	11	10	...	15	...	8	...	1	5	68
5	6	160	54	150	...	21	...	8	1	4	1	3	3	69
1	4	653	119	275	...	127	...	16	3	3	3	3	6	70
5	12	1,337	133	1,340	125	599	75	29	15	4	2	3	4	71
6	80	1,631	445	2,150	320	1,308	...	34	7	8	3	6	2	72

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Florida—Continued													
1	140 to 179 acres	173	27,314	10,705	39.2	7,734	297	320	3	1,132	708	...	511	...
2	1 to 9 acres irrigated	41	6,507	177	2.7	102	38	22	1	14	...	...	...	...
3	10 to 19 acres irrigated	27	4,288	359	8.4	238	24	28	...	54	...	...	15	...
4	20 to 29 acres irrigated	9	1,403	217	15.5	124	20	43	2	28	...	...	...	...
5	30 to 49 acres irrigated	13	2,100	488	23.2	318	...	49	...	40	81	...	...	...
6	50 to 99 acres irrigated	34	5,269	2,334	44.3	1,638	42	18	...	321	279	...	36	...
7	100 to 179 acres irrigated	49	7,747	7,130	92.0	5,314	173	160	...	675	348	...	460	...
8	180 to 219 acres	136	26,791	10,820	40.4	5,770	659	124	57	1,701	1,121	2	1,386	...
9	1 to 9 acres irrigated	36	7,179	155	2.2	75	13	30	1	36	...	...	...	...
10	10 to 19 acres irrigated	10	1,926	135	7.0	49	23	39	8	16	...	...	...	...
11	20 to 29 acres irrigated	12	2,343	272	11.6	152	63	11	12	14	...	...	20	...
12	30 to 49 acres irrigated	13	2,514	504	20.0	369	20	40	...	75	...	...	...	...
13	50 to 99 acres irrigated	14	2,720	1,028	37.8	791	...	4	36	82	...	...	115	...
14	100 to 199 acres irrigated	27	5,265	3,903	74.1	1,817	340	...	...	978	215	2	551	...
15	200 to 219 acres irrigated	24	4,844	4,823	99.6	2,517	200	...	...	500	906	...	700	...
16	220 to 259 acres	104	24,703	8,078	32.7	5,940	263	175	19	384	594	...	703	...
17	1 to 9 acres irrigated	27	6,420	121	1.9	76	13	24	...	8	...	...	...	...
18	10 to 19 acres irrigated	14	3,286	171	5.2	78	27	34	8	24	...	...	...	...
19	20 to 29 acres irrigated	9	2,135	216	10.1	82	53	75	...	...	6	...	...	...
20	30 to 49 acres irrigated	9	2,115	321	15.2	192	95	18	...	16	...	...	...	...
21	50 to 99 acres irrigated	12	2,895	817	28.2	599	75	...	11	92	40	...	...	...
22	100 to 199 acres irrigated	13	3,056	1,776	58.1	1,466	...	...	...	244	66	...	...	...
23	200 to 259 acres irrigated	20	4,796	4,656	97.1	3,447	...	24	...	...	482	...	703	...
24	260 to 499 acres	370	134,879	42,397	31.4	25,537	1,132	690	38	4,600	6,950	20	3,422	8
25	1 to 9 acres irrigated	89	32,257	458	1.4	273	57	42	6	72	...	...	...	8
26	10 to 19 acres irrigated	56	20,855	742	3.6	346	156	181	11	48	...	...	...	...
27	20 to 29 acres irrigated	30	10,526	675	6.4	304	200	124	...	47	...	...	...	...
28	30 to 49 acres irrigated	18	6,408	634	9.9	130	120	199	21	164	...	...	...	...
29	50 to 99 acres irrigated	45	15,860	3,141	19.8	2,494	75	121	...	371	30	...	50	...
30	100 to 199 acres irrigated	36	13,122	5,017	38.2	3,643	90	8	...	538	365	...	373	...
31	200 to 499 acres irrigated	96	35,851	31,730	88.5	18,347	434	15	...	3,360	6,555	20	2,999	...
32	500 to 999 acres	281	191,966	56,132	29.2	27,408	992	1,008	92	8,018	11,552	1	7,061	...
33	1 to 9 acres irrigated	47	32,009	272	0.9	147	41	16	...	62	6	...	...	...
34	10 to 19 acres irrigated	37	25,680	474	1.8	259	93	76	2	34	10	...	...	...
35	20 to 29 acres irrigated	29	20,399	664	3.3	406	71	136	20	20	11	...	...	...
36	30 to 49 acres irrigated	28	18,843	1,019	5.4	478	168	194	17	158	4	...	...	...
37	50 to 99 acres irrigated	21	14,120	1,399	9.9	1,020	50	60	...	206	63	...	...	...
38	100 to 199 acres irrigated	22	14,649	3,105	21.2	2,198	...	311	...	238	262	...	96	...
39	200 to 499 acres irrigated	40	26,512	12,229	46.1	7,365	425	55	53	1,944	1,086	1	1,300	...
40	500 to 999 acres irrigated	57	39,754	36,970	93.0	15,535	144	160	...	5,356	10,110	...	5,665	...
41	1,000 or more acres	327	1,829,887	248,185	13.6	117,816	22,450	2,339	1,627	40,208	56,515	21	6,599	610
42	1 to 9 acres irrigated	20	34,620	120	0.3	61	21	17	...	21	...	...	...	...
43	10 to 19 acres irrigated	20	35,577	294	0.8	217	15	27	17	18	...	...	...	...
44	20 to 29 acres irrigated	22	46,868	513	1.1	224	73	97	33	49	16	21	...	...
45	30 to 49 acres irrigated	21	35,285	774	2.2	457	72	188	17	40	...	...	...	...
46	50 to 99 acres irrigated	37	118,445	2,528	2.1	1,800	195	270	11	252	...	...	...	...
47	100 to 199 acres irrigated	39	177,144	5,196	2.9	3,200	386	146	...	897	567	...	...	...
48	200 to 499 acres irrigated	54	386,635	17,706	4.6	12,925	675	40	355	1,993	1,418	...	300	...
49	500 to 999 acres irrigated	37	240,401	26,151	10.9	16,185	152	90	...	3,016	6,098	...	...	610
50	1,000 or more acres irrigated	77	754,912	194,903	25.8	82,747	20,861	1,464	1,194	33,922	48,416	...	6,299	...
51	Kentucky, total	724	253,065	6,477	2.6	422	2,791	324	1,611	905	23	113	...	288
52	Under 10 acres	47	225	181	80.4	23	93	...	21	34	...	10	...	...
53	1 to 9 acres irrigated	47	225	181	80.4	23	93	...	21	34	...	10	...	...
54	10 to 49 acres	56	1,505	419	27.8	39	199	15	46	50	10	60	...	...
55	1 to 9 acres irrigated	40	1,072	138	12.9	28	58	2	30	11	...	9	...	...
56	10 to 19 acres irrigated	11	280	139	49.6	11	73	13	16	...	...	26	...	...
57	20 to 29 acres irrigated	3	81	73	90.1	...	28	...	...	10	10	25	...	...
58	30 to 49 acres irrigated	2	72	69	95.8	...	40	...	...	29	...	...	...	...
59	50 to 69 acres	33	1,893	131	6.9	38	45	1	13	30	...	4	...	...
60	1 to 9 acres irrigated	29	1,651	73	4.4	4	35	1	13	16	...	4	...	...
61	10 to 19 acres irrigated	3	181	34	18.8	10	10	...	...	14	...	...	...	...
62	20 to 29 acres irrigated	1	61	24	39.3	24	...	...	...	...	...	...	...	...
63	70 to 99 acres	37	3,018	145	4.8	27	42	2	41	18	...	15	...	...
64	1 to 9 acres irrigated	34	2,796	93	3.3	2	30	2	41	18	...	...	...	...
65	10 to 19 acres irrigated	2	148	27	18.2	...	12	...	...	...	...	15	...	...
66	20 to 29 acres irrigated	1	74	25	33.8	25	...	...	...	...	...	...	...	...
67	100 to 139 acres	71	8,434	391	4.6	40	222	14	33	72	...	9	...	1
68	1 to 9 acres irrigated	59	6,997	187	2.7	3	87	14	19	54	...	9	...	1
69	10 to 19 acres irrigated	8	942	86	9.1	9	53	...	14	10	...	...	...	...
70	20 to 29 acres irrigated	1	130	28	21.5	28	...	...	...	...	...	...	...	...
71	30 to 49 acres irrigated	3	365	90	24.7	...	82	...	...	8	...	...	...	...
72	140 to 179 acres	77	12,209	411	3.4	3	227	8	97	76	...	...	...	...
73	1 to 9 acres irrigated	67	10,642	251	2.4	3	111	3	81	53	...	...	...	...
74	10 to 19 acres irrigated	7	1,098	91	8.3	...	52	...	16	23	...	...	...	...
75	20 to 29 acres irrigated	3	469	69	14.7	...	64	5	...	...	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping						
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power	Farms not reporting type of power	
38	74	5,032	556	3,241	851	1,025	...	96	23	24	8	14	28	1
12	30	163	14	...	...	...	...	27	...	6	1	...	9	2
9	14	269	57	18	...	15	...	12	2	6	2	1	7	3
3	4	153	37	27	...	...	...	5	2	...	1	1	1	4
4	4	257	40	120	...	71	...	4	2	1	...	3	3	5
4	11	1,272	75	748	110	129	...	16	5	4	2	3	7	6
6	11	2,918	333	2,328	741	810	...	32	12	7	2	6	1	7
31	99	3,853	640	3,510	22	2,727	70	80	19	19	7	3	20	8
12	17	136	12	7	...	...	...	26	...	3	1	...	7	9
6	7	92	43	...	...	...	...	6	...	2	1	...	2	10
2	2	160	72	20	20	...	...	4	...	4	1	...	3	11
3	15	352	32	90	2	30	...	9	1	1	2	1	2	12
3	49	604	76	283	...	65	...	8	4	1	...	...	1	13
2	3	1,298	5	1,704	...	826	70	13	5	6	2	2	4	14
3	6	1,211	400	1,406	...	1,806	...	14	9	2	...	...	1	15
32	57	2,745	227	3,871	297	1,157	1	66	5	19	6	6	14	16
9	14	107	6	8	...	...	...	18	...	1	...	...	8	17
6	11	123	20	...	27	...	1	10	...	1	...	...	3	18
5	9	132	54	30	...	...	...	4	...	3	1	...	2	19
6	15	236	45	40	...	...	...	7	1	1	1	...	...	20
4	5	317	102	165	...	233	...	7	...	2	1	3	...	21
...	...	971	...	495	...	310	...	7	2	6	1	1	...	22
2	3	859	...	3,133	270	614	...	13	2	5	2	2	1	23
100	200	12,037	2,676	16,516	1,005	9,808	355	207	54	69	28	20	40	24
25	43	446	7	5	...	...	...	62	1	7	2	...	19	25
24	41	620	80	15	22	5	...	33	6	12	4	1	5	26
13	20	528	105	30	12	...	...	18	2	7	1	1	3	27
11	23	464	140	...	...	30	...	9	2	7	...	...	2	28
9	18	2,027	18	811	...	220	65	22	7	11	3	3	7	29
8	18	2,346	215	1,525	281	588	62	23	8	6	1	3	1	30
10	37	5,606	2,111	14,130	690	8,965	228	40	28	19	17	12	3	31
82	234	12,815	1,422	19,818	1,380	19,867	850	170	56	48	14	15	31	32
13	84	265	7	...	...	...	...	34	3	4	2	...	4	33
16	35	434	40	...	...	...	...	26	1	3	2	...	6	34
9	15	534	61	69	...	...	...	13	1	7	2	2	8	35
12	21	765	149	45	30	30	...	13	7	7	...	1	3	36
5	6	718	155	262	...	184	80	10	4	1	...	...	8	37
6	11	794	...	1,813	...	478	40	12	5	4	...	5	...	38
12	28	4,619	300	5,250	610	1,020	430	28	15	12	2	4	...	39
9	34	4,686	710	12,379	740	18,155	300	34	20	10	6	3	2	40
97	306	39,073	3,645	120,575	8,564	76,552	1,930	164	80	71	22	25	29	41
6	15	110	10	...	...	...	...	10	...	4	1	...	5	42
7	10	263	31	...	...	...	...	13	...	2	...	...	5	43
13	46	416	37	35	...	25	...	11	2	7	1	1	3	44
9	28	448	221	75	...	30	...	11	...	6	3	1	4	45
13	51	1,435	287	551	50	205	...	16	6	10	6	2	5	46
16	49	2,827	167	1,701	20	341	140	22	11	10	5	1	3	47
12	36	3,904	1,004	8,798	544	2,530	980	30	10	15	...	8	1	48
9	44	5,609	1,140	12,345	1,350	5,697	110	21	12	4	1	7	...	49
12	27	24,061	748	97,070	6,600	67,724	700	30	39	13	5	5	3	50
394	1,022	6,315	134	28	...	...	1	350	11	49	205	12	113	51
9	14	164	17	...	...	...	...	13	...	5	4	2	23	52
9	14	164	17	...	...	...	...	13	...	5	4	2	23	53
22	45	346	65	8	...	...	1	19	...	12	8	3	14	54
18	31	108	22	8	...	...	1	12	...	11	7	1	9	55
3	4	112	27	...	...	...	...	4	...	1	1	1	4	56
...	...	57	16	...	...	...	...	2	...	...	...	1	...	57
1	10	69	...	...	...	...	...	1	...	...	...	...	1	58
15	25	112	17	2	...	...	...	16	...	8	7	1	2	59
13	22	66	5	2	...	...	...	14	...	6	7	1	2	60
2	3	24	10	...	...	...	...	2	...	1	...	...	...	61
...	...	22	2	...	...	...	...	...	...	1	...	...	...	62
25	44	143	...	2	...	...	...	19	...	4	9	1	5	63
24	43	91	...	2	...	...	...	18	...	3	9	...	5	64
1	1	27	...	...	...	...	...	1	...	...	...	1	...	65
...	...	25	...	...	...	...	...	...	...	1	...	...	...	66
33	81	380	11	...	...	...	...	37	...	2	22	2	10	67
30	71	184	3	...	...	...	...	30	...	...	21	2	7	68
2	9	86	...	...	...	...	...	6	...	1	1	...	1	69
...	...	20	8	...	...	...	...	...	...	1	...	...	...	70
1	1	90	...	...	...	...	...	1	...	...	...	...	2	71
49	113	404	...	7	...	...	...	40	...	3	23	...	13	72
42	92	244	...	7	...	...	...	34	...	3	21	...	11	73
6	18	91	...	...	...	...	...	4	...	...	2	...	1	74
1	3	69	...	...	...	...	...	2	...	...	...	...	1	75

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Kentucky—Continued													
1	180 to 219 acres	62	12,298	358	2.9	8	205	7	68	69	...	1	...	...
2	1 to 9 acres irrigated	54	10,733	227	2.1	8	127	7	42	43	...	...	...	...
3	10 to 19 acres irrigated	7	1,355	96	7.1	...	43	...	26	26	...	1	...	...
4	30 to 49 acres irrigated	1	210	35	16.7	...	35	...	...	...	...	...	...	...
5	220 to 259 acres	53	12,678	291	2.3	1	147	12	90	41	...	...	...	...
6	1 to 9 acres irrigated	48	11,519	199	1.7	1	100	6	51	41	...	...	...	...
7	10 to 19 acres irrigated	3	683	38	5.6	...	10	6	22	...	...	...	...	...
8	20 to 29 acres irrigated	1	250	20	8.0	...	3	...	17	...	...	...	...	...
9	30 to 49 acres irrigated	1	226	34	15.0	...	34	...	...	...	...	...	...	...
10	260 to 499 acres	162	57,700	1,651	2.9	222	687	89	448	205	...	...	...	...
11	1 to 9 acres irrigated	116	39,751	550	1.4	18	223	34	162	113	...	...	...	...
12	10 to 19 acres irrigated	27	10,121	321	3.2	...	218	36	49	18	...	...	...	...
13	20 to 29 acres irrigated	9	3,665	192	5.2	20	137	...	11	24	...	...	...	...
14	30 to 49 acres irrigated	6	2,401	216	9.0	12	64	12	83	45	...	...	...	...
15	50 to 99 acres irrigated	3	1,342	222	16.5	172	45	...	...	5	...	...	...	...
16	100 to 199 acres irrigated	1	420	150	35.7	...	...	7	143	...	...	...	...	...
17	500 to 999 acres	89	60,960	1,065	1.7	21	461	47	359	156	13	8	...	...
18	1 to 9 acres irrigated	48	31,516	240	0.8	14	109	3	33	73	...	8	...	...
19	10 to 19 acres irrigated	26	18,673	344	1.8	...	162	28	102	52	...	...	...	...
20	20 to 29 acres irrigated	9	6,518	215	3.3	7	98	14	52	31	13	...	...	...
21	30 to 49 acres irrigated	3	2,225	108	4.9	...	42	2	64	...	...	...	...	...
22	50 to 99 acres irrigated	3	2,028	158	7.8	...	50	...	108	...	...	...	...	...
23	1,000 or more acres	37	82,145	1,434	1.7	...	463	129	395	154	...	6	...	287
24	1 to 9 acres irrigated	9	27,551	43	0.2	...	22	1	10	4	...	6	...	...
25	10 to 19 acres irrigated	8	11,287	108	1.0	...	20	15	33	40	...	...	...	...
26	20 to 29 acres irrigated	4	7,545	97	1.3	...	57	...	20	20	...	...	...	...
27	30 to 49 acres irrigated	7	12,400	290	2.3	...	173	24	77	16	...	...	...	...
28	50 to 99 acres irrigated	6	17,762	359	2.0	...	91	89	105	74	...	...	...	...
29	100 to 199 acres irrigated	2	3,400	250	7.4	...	100	...	150	...	...	...	...	...
30	200 to 499 acres irrigated	1	2,200	287	13.0	...	...	...	...	...	...	...	...	287
31	Tennessee, total	583	173,588	9,582	5.5	2,084	5,325	733	884	357	153	29	...	17
32	Under 10 acres	30	439	68	15.5	1	38	9	11	8	...	1	...	...
33	1 to 9 acres irrigated	30	439	68	15.5	1	38	9	11	8	...	1	...	...
34	10 to 49 acres	73	2,060	261	12.7	13	167	12	13	48	...	1	...	7
35	1 to 9 acres irrigated	67	1,914	166	8.7	13	95	12	10	28	...	1	...	7
36	10 to 19 acres irrigated	4	87	55	63.2	...	52	...	3	...	...	...	...	...
37	20 to 29 acres irrigated	2	59	40	67.8	...	20	...	...	20	...	...	...	...
38	50 to 69 acres	36	2,080	167	8.0	5	139	4	14	2	3	...	...	...
39	1 to 9 acres irrigated	31	1,806	67	3.7	5	49	4	4	2	3	...	...	...
40	10 to 19 acres irrigated	3	168	32	19.0	...	22	...	10	...	...	...	...	...
41	20 to 29 acres irrigated	1	56	20	35.7	...	20	...	...	...	...	...	...	...
42	30 to 49 acres irrigated	1	50	48	96.0	...	48	...	...	...	...	...	...	...
43	70 to 99 acres	40	3,371	204	6.1	40	131	6	3	14	...	...	...	10
44	1 to 9 acres irrigated	34	2,906	81	2.8	...	64	6	3	8	...	...	...	...
45	10 to 19 acres irrigated	3	216	36	16.7	...	20	...	...	6	...	...	...	10
46	20 to 29 acres irrigated	2	169	47	27.8	...	47	...	...	...	...	...	...	...
47	30 to 49 acres irrigated	1	80	40	50.0	40	...	...	...	...	...	...	...	...
48	100 to 139 acres	72	8,394	541	6.4	55	428	18	15	19	...	6	...	...
49	1 to 9 acres irrigated	55	6,438	146	2.3	5	104	8	4	19	...	6	...	...
50	10 to 19 acres irrigated	8	938	98	10.4	10	88	...	...	...	...	...	...	...
51	20 to 29 acres irrigated	4	465	82	17.6	...	61	10	11	...	...	...	...	...
52	30 to 49 acres irrigated	4	444	135	30.4	40	95	...	...	...	...	...	...	...
53	50 to 99 acres irrigated	1	109	80	73.4	...	80	...	...	...	...	...	...	...
54	140 to 179 acres	48	7,565	343	4.5	45	194	78	15	11	...	...	...	...
55	1 to 9 acres irrigated	40	6,350	117	1.8	2	84	5	15	11	...	...	...	...
56	10 to 19 acres irrigated	2	301	25	8.3	...	25	...	...	...	...	...	...	...
57	20 to 29 acres irrigated	4	627	89	14.2	43	33	13	...	...	...	...	...	...
58	30 to 49 acres irrigated	1	147	32	21.8	...	32	...	...	...	...	...	...	...
59	50 to 99 acres irrigated	1	140	80	57.1	...	20	60	...	...	...	...	...	...
60	180 to 219 acres	54	10,698	364	3.4	64	238	31	20	11	...	...	...	...
61	1 to 9 acres irrigated	46	9,106	142	1.6	2	103	11	15	11	...	...	...	...
62	10 to 19 acres irrigated	2	383	27	7.0	12	10	...	5	...	...	...	...	...
63	20 to 29 acres irrigated	2	409	40	9.8	...	20	20	...	...	...	...	...	...
64	30 to 49 acres irrigated	3	582	105	18.0	...	105	...	...	...	...	...	...	...
65	50 to 99 acres irrigated	1	218	50	22.9	50	...	...	...	...	...	...	...	...
66	220 to 259 acres	34	8,059	294	3.6	50	164	50	9	20	...	1	...	...
67	1 to 9 acres irrigated	27	6,370	96	1.5	...	63	11	9	12	...	1	...	...
68	10 to 19 acres irrigated	2	467	20	4.3	2	5	5	...	8	...	...	...	...
69	20 to 29 acres irrigated	2	502	45	9.0	...	45	...	...	...	...	...	...	...
70	30 to 49 acres irrigated	1	255	32	12.5	...	...	32	...	...	...	...	...	...
71	50 to 99 acres irrigated	2	465	101	21.7	48	51	2	...	...	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
34	86	356	1	1	...	...	...	21	...	6	25	...	12	1
29	66	225	1	1	...	...	...	18	...	6	22	...	10	2
5	20	96	...	...	...	...	...	3	...	...	2	...	2	3
...	...	35	...	...	...	...	...	...	...	...	1	...	...	4
27	64	283	6	2	...	...	...	22	2	1	23	...	8	5
24	56	191	6	2	...	...	...	20	2	1	22	...	6	6
2	4	38	...	...	...	...	...	1	...	...	...	...	2	7
1	4	20	...	...	...	...	...	...	...	...	1	...	...	8
...	...	34	...	...	...	...	...	1	...	...	...	...	...	9
98	245	1,644	6	1	...	...	...	89	3	5	51	...	16	10
72	171	546	3	1	...	...	...	58	2	2	43	...	12	11
14	36	321	...	...	...	...	...	20	1	...	5	...	2	12
5	14	189	3	...	...	...	...	3	...	1	3	...	2	13
5	17	216	...	...	...	...	...	5	...	1	...	...	...	14
1	2	222	...	...	...	...	...	2	...	1	...	...	...	15
1	5	150	...	...	...	...	...	1	...	...	...	...	...	16
54	161	1,049	11	5	...	...	...	50	1	3	28	1	8	17
25	79	224	11	5	...	...	...	25	1	1	18	1	3	18
16	52	344	...	...	...	...	...	17	...	1	5	...	3	19
7	19	215	...	...	...	...	...	7	...	1	...	...	2	20
3	6	108	...	...	...	...	...	...	...	...	3	...	...	21
3	5	158	...	...	...	...	...	1	...	...	2	...	...	22
28	144	1,434	...	...	...	...	...	24	5	...	5	2	2	23
5	25	43	...	...	...	...	...	3	1	...	2	2	1	24
6	22	108	...	...	...	...	...	5	2	...	2	...	...	25
4	15	97	...	...	...	...	...	4	...	...	...	...	...	26
5	28	290	...	...	...	...	...	6	...	...	1	...	...	27
6	39	359	...	...	...	...	...	5	1	...	...	...	...	28
1	13	250	...	...	...	...	...	1	...	...	...	...	1	29
1	2	287	...	...	...	...	...	...	1	...	...	...	...	30
229	648	8,414	71	352	747	...	...	284	26	57	148	6	92	31
8	16	65	...	2	1	...	...	8	...	2	5	...	15	32
8	16	65	...	2	1	...	...	8	...	2	5	...	15	33
21	38	256	...	5	...	...	...	37	1	7	10	...	19	34
19	36	161	...	5	...	...	...	33	...	6	10	...	18	35
1	1	55	...	...	...	...	...	2	...	1	...	...	1	36
1	1	40	...	...	...	...	...	2	1	...	...	...	...	37
11	18	162	2	1	2	...	...	20	...	1	9	...	6	38
9	15	62	2	1	2	...	...	18	...	1	8	...	4	39
1	2	32	...	...	...	...	...	1	...	...	1	...	1	40
1	1	20	...	...	...	...	...	1	...	...	...	...	...	41
...	...	48	...	...	...	...	...	...	...	...	...	...	1	42
17	31	200	4	...	...	...	...	24	2	3	8	...	3	43
15	28	81	...	...	...	...	...	20	2	3	7	...	2	44
1	1	36	...	...	...	...	...	3	...	...	...	...	...	45
1	2	43	4	...	...	...	...	1	...	...	1	...	...	46
...	...	40	...	...	...	...	...	...	...	...	...	...	1	47
24	51	507	...	8	28	...	...	35	2	11	14	3	9	48
18	41	140	...	8	...	...	...	27	...	7	12	2	8	49
2	3	70	...	...	28	...	...	4	...	2	2	1	...	50
3	6	82	...	...	...	...	...	2	...	1	...	...	1	51
1	1	135	...	...	...	...	...	2	2	...	...	...	...	52
...	...	80	...	...	...	...	...	...	...	1	...	...	...	53
15	26	341	1	...	1	...	...	21	...	5	13	1	10	54
11	17	116	...	...	1	...	...	16	...	2	12	1	10	55
...	...	25	...	...	...	...	...	2	...	...	...	...	...	56
3	8	89	...	...	...	...	...	1	...	2	1	...	...	57
...	...	31	1	...	...	...	...	1	...	1	...	...	...	58
1	1	80	...	...	...	...	...	1	...	...	...	...	...	59
21	99	325	...	2	37	...	...	32	1	4	16	...	5	60
17	83	140	...	2	...	...	...	26	1	2	15	...	5	61
2	14	27	...	...	...	...	...	2	...	...	...	...	...	62
1	1	40	...	...	...	...	...	1	...	1	...	...	...	63
1	1	105	...	...	...	...	...	2	...	1	1	...	...	64
...	...	13	...	...	37	...	...	1	...	...	...	...	...	65
14	32	294	...	...	...	...	...	17	...	4	11	1	3	66
10	22	96	...	...	...	...	...	13	...	2	9	1	3	67
2	4	20	...	...	...	...	...	1	...	...	1	...	...	68
...	...	45	...	...	...	...	...	2	...	1	...	...	...	69
1	5	32	...	...	...	...	...	...	...	...	1	...	...	70
1	1	101	...	...	...	...	...	1	...	1	...	...	...	71

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Tennessee—Continued													
1	260 to 499 acres	115	41,690	2,344	5.6	810	1,110	83	277	64	...	...	...	...
2	1 to 9 acres irrigated	73	26,279	259	1.0	11	128	27	54	39	...	...	...	...
3	10 to 19 acres irrigated	11	4,020	128	3.2	11	85	...	20	12	...	...	...	...
4	20 to 29 acres irrigated	4	1,305	97	7.4	...	97	...	...	...	...	...	...	...
5	30 to 49 acres irrigated	13	4,698	469	10.0	40	348	...	81	...	...	...	...	...
6	50 to 99 acres irrigated	9	3,475	651	18.7	221	289	56	72	13	...	...	...	...
7	100 to 199 acres irrigated	4	1,613	440	27.3	227	163	...	50	...	...	...	...	...
8	200 to 499 acres irrigated	1	300	300	100.0	300	...	...	...	...	...	...	...	...
9	500 to 999 acres	50	32,394	2,104	6.5	569	1,227	25	225	58	...	...	...	...
10	1 to 9 acres irrigated	22	14,481	93	0.6	4	56	1	22	10	...	...	...	...
11	10 to 19 acres irrigated	4	2,179	47	2.2	...	27	10	10	...	...	...	...	...
12	20 to 29 acres irrigated	7	4,474	166	3.7	...	103	14	26	23	...	...	...	...
13	30 to 49 acres irrigated	5	3,325	182	5.5	80	40	...	62	...	...	...	...	...
14	50 to 99 acres irrigated	6	3,837	435	11.3	85	220	...	105	25	...	...	...	...
15	100 to 199 acres irrigated	4	2,674	485	18.1	...	485	...	...	...	...	...	...	...
16	200 to 499 acres irrigated	2	1,424	696	48.9	400	296	...	...	...	...	...	...	...
17	1,000 or more acres	31	56,838	2,892	5.1	432	1,489	417	282	102	150	20	...	...
18	1 to 9 acres irrigated	8	10,995	38	0.3	...	35	2	1	...	...	...	...	...
19	10 to 19 acres irrigated	4	5,286	52	1.0	...	41	...	11	...	...	...	...	...
20	20 to 29 acres irrigated	2	5,235	40	0.8	19	20	...	1	...	...	...	...	...
21	30 to 49 acres irrigated	3	8,050	112	1.4	...	52	...	40	...	...	20	...	...
22	50 to 99 acres irrigated	2	2,271	100	4.4	...	100	...	...	...	...	...	...	...
23	100 to 199 acres irrigated	6	15,494	791	5.1	310	84	145	202	...	50	...	...	...
24	200 to 499 acres irrigated	5	8,370	1,250	14.9	103	750	270	27	...	100	...	...	...
25	500 to 999 acres irrigated	1	1,137	509	44.8	...	407	...	...	102	...	...	...	...
26	Alabama, total	232	189,199	13,842	7.3	2,934	7,816	1,313	1,130	509	99	41	...	...
27	Under 10 acres	16	83	43	51.8	28	2	10	...	...	...	3	...	...
28	1 to 9 acres irrigated	16	83	43	51.8	28	2	10	...	...	...	3	...	...
29	10 to 49 acres	34	921	389	42.2	143	170	57	9	8	2	...	...	...
30	1 to 9 acres irrigated	19	498	71	14.3	23	26	3	9	8	2	...	...	...
31	10 to 19 acres irrigated	8	165	96	58.2	12	70	14	...	...	...	...	...	...
32	20 to 29 acres irrigated	1	24	24	100.0	...	24	...	...	...	...	...	...	...
33	30 to 49 acres irrigated	6	234	198	84.6	108	50	40	...	...	...	...	...	...
34	50 to 69 acres	10	584	204	34.9	46	125	...	33	...	...	...	...	...
35	1 to 9 acres irrigated	4	225	10	4.4	8	2	...	...	...	...	...	...	...
36	10 to 19 acres irrigated	2	125	33	26.4	15	18	...	...	...	...	...	...	...
37	20 to 29 acres irrigated	1	59	20	33.9	20	...	...	...	...	...	...	...	...
38	30 to 49 acres irrigated	1	55	33	60.0	...	...	...	33	...	...	...	...	...
39	50 to 69 acres irrigated	2	120	108	90.0	3	105	...	...	...	...	...	...	...
40	70 to 99 acres	8	653	131	20.1	60	34	37	...	...	...	...	...	...
41	1 to 9 acres irrigated	4	328	11	3.4	5	5	1	...	...	...	...	...	...
42	10 to 19 acres irrigated	1	75	15	20.0	15	...	...	...	...	...	...	...	...
43	20 to 29 acres irrigated	1	75	25	33.3	...	25	...	...	...	...	...	...	...
44	30 to 49 acres irrigated	2	175	80	45.7	40	4	36	...	...	...	...	...	...
45	100 to 139 acres	13	1,438	269	18.7	107	108	32	8	6	...	8	...	...
46	1 to 9 acres irrigated	6	698	36	5.2	10	...	12	8	6	...	...	...	...
47	10 to 19 acres irrigated	2	220	20	9.1	2	10	...	...	...	...	8	...	...
48	20 to 29 acres irrigated	2	200	48	24.0	...	28	20	...	...	...	...	...	...
49	30 to 49 acres irrigated	1	100	30	30.0	30	...	...	...	...	...	...	...	...
50	50 to 99 acres irrigated	2	220	135	61.4	65	70	...	...	...	...	...	...	...
51	140 to 179 acres	12	1,901	252	13.3	70	106	33	37	...	...	6	...	...
52	1 to 9 acres irrigated	5	791	28	3.5	2	15	4	1	...	...	6	...	...
53	10 to 19 acres irrigated	3	482	41	8.5	5	15	21	...	...	...	...	...	...
54	20 to 29 acres irrigated	1	142	25	17.6	23	...	...	2	...	...	...	...	...
55	30 to 49 acres irrigated	1	145	40	27.6	...	...	8	32	...	...	...	...	...
56	50 to 99 acres irrigated	2	341	118	34.6	40	76	...	2	...	...	...	...	...
57	180 to 219 acres	5	962	204	21.2	22	51	46	50	35	...	...	...	...
58	20 to 29 acres irrigated	1	180	20	11.1	...	10	...	10	...	...	...	...	...
59	30 to 49 acres irrigated	2	385	71	18.4	...	31	...	40	...	...	...	...	...
60	50 to 99 acres irrigated	2	397	113	28.5	22	10	46	...	35	...	...	...	...
61	220 to 259 acres	9	2,138	306	14.3	164	91	...	20	6	25	...	...	...
62	1 to 9 acres irrigated	1	240	6	2.5	...	...	...	...	6	...	...	...	...
63	10 to 19 acres irrigated	3	725	36	5.0	13	23	...	...	...	...	...	...	...
64	20 to 29 acres irrigated	3	704	68	9.7	20	48	...	...	...	...	...	...	...
65	50 to 99 acres irrigated	1	239	96	40.2	81	15	...	...	...	...	...	...	...
66	100 to 199 acres irrigated	1	230	100	43.5	50	5	...	20	...	25	...	...	...
67	260 to 499 acres	35	13,187	1,487	11.3	200	773	272	177	50	15	...	...	...
68	1 to 9 acres irrigated	7	2,442	19	0.8	1	16	1	1	...	...	...	...	...
69	20 to 29 acres irrigated	5	2,252	118	5.2	...	41	32	45	...	...	...	...	...
70	30 to 49 acres irrigated	10	3,582	401	11.2	37	232	67	65	...	...	...	...	...
71	50 to 99 acres irrigated	10	3,712	564	15.2	162	239	32	66	50	15	...	...	...
72	100 to 199 acres irrigated	3	1,199	385	32.1	...	245	140	...	...	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
64	186	2,170	43	102	29	...	...	43	8	10	47	1	13	1
44	132	252	3	2	2	...	...	24	1	5	37	1	9	2
7	22	128	...	...	...	...	...	6	...	...	3	...	2	3
1	2	97	...	...	...	...	...	1	1	...	2	...	...	4
5	12	429	40	...	...	...	...	5	3	1	3	...	1	5
5	11	651	...	...	...	...	...	6	2	2	2	...	...	6
2	7	313	...	100	27	...	...	1	1	1	...	...	1	7
...	...	300	...	...	...	...	...	...	...	1	...	...	...	8
21	82	2,022	...	82	...	...	...	27	4	5	11	...	6	9
11	44	91	...	2	...	...	...	12	...	1	6	...	3	10
2	4	47	...	...	...	...	...	2	...	...	1	...	1	11
3	26	166	...	...	...	...	...	2	2	...	2	...	1	12
2	5	142	...	40	...	...	...	3	...	2	1	...	...	13
3	3	395	...	40	...	...	...	5	...	1	1	...	...	14
...	...	485	...	...	...	...	...	1	2	...	...	...	1	15
...	...	696	...	...	...	...	...	2	...	1	...	...	...	16
13	69	2,072	21	150	649	...	...	20	8	5	4	...	3	17
2	5	38	...	...	...	...	...	5	...	...	3	...	...	18
3	12	52	...	...	...	...	...	3	...	...	...	...	1	19
1	2	40	...	...	...	...	...	1	...	1	...	...	1	20
1	14	112	...	...	...	...	...	2	2	...	...	...	...	21
...	...	100	...	...	...	...	...	1	2	...	...	...	...	22
3	21	501	...	150	140	...	...	4	3	...	1	...	1	23
3	15	1,229	21	...	...	...	...	3	1	4	...	...	...	24
...	...	...	...	...	509	...	...	1	...	...	...	...	...	25
115	254	11,089	562	1,173	32	985	1	102	22	76	21	5	27	26
4	4	20	23	...	...	...	...	2	...	10	...	3	1	27
4	4	20	23	...	...	...	...	2	...	10	...	3	1	28
7	8	351	34	4	...	...	...	10	3	14	...	...	8	29
2	2	59	8	4	...	...	...	4	1	10	...	...	4	30
3	3	84	12	...	...	...	...	5	...	1	...	...	2	31
...	...	24	...	...	...	...	...	...	1	...	...	...	...	32
2	3	184	14	...	...	...	...	1	1	3	...	...	2	33
3	3	181	17	...	...	5	1	4	...	5	...	...	2	34
1	1	2	2	...	...	5	1	1	...	3	...	...	...	35
...	...	33	...	...	...	...	...	1	...	...	...	...	1	36
...	...	5	15	...	...	...	...	...	...	1	...	...	...	37
1	1	33	...	...	...	...	...	1	...	...	...	...	...	38
1	1	108	...	...	...	...	...	1	...	1	...	...	1	39
3	4	109	19	...	3	...	...	...	...	5	1	...	2	40
1	1	6	2	...	3	...	...	...	...	3	...	...	1	41
1	1	...	15	...	...	...	...	...	...	1	...	...	...	42
...	...	25	...	...	...	...	...	...	...	...	...	...	1	43
1	2	78	2	...	...	...	...	...	...	1	1	...	...	44
8	10	249	8	7	5	...	...	5	...	5	3	1	...	45
5	6	24	...	7	5	...	...	1	...	3	1	1	...	46
1	1	12	8	...	...	...	...	2	...	1	...	...	...	47
1	2	48	...	...	...	...	...	2	...	...	...	...	...	48
1	1	30	...	...	...	...	...	...	...	1	...	...	...	49
...	...	135	...	...	...	...	...	...	...	...	2	...	...	50
6	9	243	2	...	7	...	...	6	...	5	1	1	1	51
1	1	19	2	...	7	...	...	2	...	2	...	1	...	52
2	4	41	...	...	...	...	...	...	...	1	1	...	1	53
1	1	25	...	...	...	...	...	1	...	...	...	...	...	54
1	1	40	...	...	...	...	...	1	...	...	...	...	...	55
1	2	118	...	...	...	...	...	2	...	2	...	...	...	56
4	10	201	3	...	...	...	...	3	...	2	...	...	1	57
1	4	20	...	...	...	...	...	1	...	...	...	...	...	58
1	1	71	...	...	...	...	...	1	...	...	...	...	1	59
2	5	110	3	...	...	...	...	1	...	2	...	...	...	60
4	6	300	6	...	...	...	...	4	1	2	1	...	2	61
1	1	6	...	...	...	...	...	...	...	...	1	...	...	62
1	1	30	6	...	...	...	...	2	...	1	...	...	...	63
...	...	68	...	...	...	...	...	...	1	...	...	...	2	64
1	2	96	...	...	...	...	...	1	...	1	...	...	...	65
1	2	100	...	...	...	...	...	1	...	...	...	...	...	66
25	50	1,282	43	145	17	...	...	17	2	8	6	...	4	67
5	9	15	3	...	1	...	...	1	...	4	1	...	1	68
4	6	92	...	10	16	...	...	3	1	...	...	...	1	69
7	13	346	40	15	...	...	...	4	...	3	3	...	...	70
7	17	514	...	50	...	...	...	7	1	1	2	...	1	71
2	5	315	...	70	...	...	...	2	...	...	...	...	1	72

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Alabama—Continued													
1	500 to 999 acres	43	32,478	3,481	10.7	1,355	1,609	144	337	5	7	24	...	...
2	1 to 9 acres irrigated	4	3,016	10	0.3	5	...	...	...	5	...	...	...	...
3	10 to 19 acres irrigated	6	4,780	62	1.3	24	20	10	8	...	...	...	...	...
4	20 to 29 acres irrigated	6	4,315	137	3.2	20	93	24	...	...	...	...	...	...
5	30 to 49 acres irrigated	8	6,011	289	4.8	148	...	45	72	...	...	24	...	...
6	50 to 99 acres irrigated	10	6,938	673	9.7	118	376	65	107	...	7	...	...	...
7	100 to 199 acres irrigated	5	3,756	560	14.9	...	410	...	150	...	...	...	...	...
8	200 to 499 acres irrigated	3	2,682	770	28.7	60	710	...	...	...	...	...	...	...
9	500 to 999 acres irrigated	1	980	980	100.0	980	...	...	...	...	...	...	...	...
10	1,000 or more acres	47	134,854	7,076	5.2	739	4,747	682	459	399	50	...	...	...
11	10 to 19 acres irrigated	2	3,893	28	0.7	12	16	...	...	...	...	...	...	...
12	20 to 29 acres irrigated	1	1,500	24	1.6	...	6	...	18	...	...	...	...	...
13	30 to 49 acres irrigated	10	26,795	384	1.4	7	214	57	31	40	35	...	...	...
14	50 to 99 acres irrigated	12	27,132	780	2.9	100	489	50	66	75	...	...	...	...
15	100 to 199 acres irrigated	11	28,195	1,524	5.4	365	1,044	...	...	100	15	...	...	...
16	200 to 499 acres irrigated	10	28,234	3,068	10.9	255	1 710	575	344	184	...	...	...	...
17	1,000 or more acres irrigated	1	19,105	1,268	6.6	...	1,268	...	...	...	...	...	...	...
18	Mississippi, total	651	803,393	135,400	16.9	93,887	28,946	366	1,646	8,703	1,645	207	...	...
19	Under 10 acres	18	109	95	87.2	54	38	...	...	...	...	3	...	...
20	1 to 9 acres irrigated	18	109	95	87.2	54	38	...	...	...	...	3	...	...
21	10 to 49 acres	47	993	643	64.8	342	153	6	18	94	30	...	...	...
22	1 to 9 acres irrigated	14	344	57	16.6	19	18	6	8	6	...	...	...	...
23	10 to 19 acres irrigated	24	404	342	84.7	200	44	...	10	88	...	...	...	...
24	20 to 29 acres irrigated	6	139	138	99.3	88	50	...	...	...	...	...	...	...
25	30 to 49 acres irrigated	3	106	106	100.0	35	41	...	...	...	30	...	...	...
26	50 to 69 acres	10	583	190	32.6	128	42	...	...	20	...	...	...	...
27	1 to 9 acres irrigated	4	249	19	7.6	4	10	...	...	5	...	...	...	...
28	10 to 19 acres irrigated	1	50	15	30.0	...	...	...	...	15	...	...	...	...
29	20 to 29 acres irrigated	3	170	69	40.6	69	...	...	...	...	...	...	...	...
30	30 to 49 acres irrigated	1	59	32	54.2	...	32	...	...	...	...	...	...	...
31	50 to 69 acres irrigated	1	55	55	100.0	55	...	...	...	...	...	...	...	...
32	70 to 99 acres	11	919	190	20.7	139	23	1	27	...	...	...	...	...
33	1 to 9 acres irrigated	3	254	8	3.1	1	...	1	6	...	...	...	...	...
34	10 to 19 acres irrigated	4	324	46	14.2	25	...	...	21	...	...	...	...	...
35	20 to 29 acres irrigated	1	91	23	25.3	...	23	...	...	...	...	...	...	...
36	30 to 49 acres irrigated	3	250	113	45.2	113	...	...	...	...	...	...	...	...
37	100 to 139 acres	20	2,369	581	24.5	274	239	...	63	1	...	4	...	...
38	1 to 9 acres irrigated	9	1,078	37	3.4	15	10	...	11	1	...	...	...	...
39	10 to 19 acres irrigated	1	108	13	12.0	13	...	...	...	...	...	...	...	...
40	20 to 29 acres irrigated	1	123	22	17.9	22	...	...	...	...	...	...	...	...
41	30 to 49 acres irrigated	5	594	179	30.1	69	79	...	27	...	...	4	...	...
42	50 to 99 acres irrigated	2	221	130	58.8	105	...	...	25	...	...	...	...	...
43	100 to 139 acres irrigated	2	245	200	81.6	50	150	...	...	...	...	...	...	...
44	140 to 179 acres	20	3,176	909	28.6	405	255	...	53	136	60	...	...	...
45	1 to 9 acres irrigated	3	494	6	1.2	4	...	...	2	...	...	...	...	...
46	10 to 19 acres irrigated	2	303	34	11.2	...	23	...	...	11	...	...	...	...
47	20 to 29 acres irrigated	5	773	105	13.6	20	45	...	20	...	20	...	...	...
48	30 to 49 acres irrigated	4	630	135	21.4	...	30	...	...	65	40	...	...	...
49	50 to 99 acres irrigated	4	646	319	49.4	156	72	...	31	60	...	...	...	...
50	100 to 179 acres irrigated	2	330	310	93.9	225	85	...	...	...	...	...	...	...
51	180 to 219 acres	16	3,137	763	24.3	478	106	4	15	160	...	...	...	...
52	1 to 9 acres irrigated	4	792	21	2.7	...	14	4	3	...	...	...	...	...
53	10 to 19 acres irrigated	1	215	15	7.0	15	...	...	...	...	...	...	...	...
54	20 to 29 acres irrigated	1	200	25	12.5	13	...	...	12	...	...	...	...	...
55	30 to 49 acres irrigated	4	766	152	19.8	72	80	...	...	...	...	...	...	...
56	50 to 99 acres irrigated	4	776	256	33.0	218	12	...	...	26	...	...	...	...
57	100 to 199 acres irrigated	2	388	294	75.8	160	...	...	...	134	...	...	...	...
58	220 to 259 acres	18	4,296	1,087	25.3	776	197	...	114	...	...	...	...	...
59	1 to 9 acres irrigated	1	240	7	2.9	1	...	...	6	...	...	...	...	...
60	10 to 19 acres irrigated	2	490	26	5.3	10	16	...	...	...	...	...	...	...
61	20 to 29 acres irrigated	3	734	65	8.9	12	45	...	8	...	...	...	...	...
62	30 to 49 acres irrigated	4	940	158	16.8	82	36	...	40	...	...	...	...	...
63	50 to 99 acres irrigated	4	939	231	24.6	171	...	...	60	...	...	...	...	...
64	100 to 199 acres irrigated	3	730	377	51.6	277	100	...	...	...	...	...	...	...
65	200 to 259 acres irrigated	1	223	223	100.0	223	...	...	...	...	...	...	...	...
66	260 to 499 acres	68	25,573	7,629	29.8	6,119	872	210	51	162	215	...	...	...
67	1 to 9 acres irrigated	3	975	8	0.8	2	6	...	...	...	...	...	...	...
68	10 to 19 acres irrigated	6	2,166	76	3.5	18	30	...	28	...	...	...	...	...
69	20 to 29 acres irrigated	3	933	68	7.3	25	...	...	23	20	...	...	...	...
70	30 to 49 acres irrigated	5	1,827	189	10.3	30	159	...	...	...	...	...	...	...
71	50 to 99 acres irrigated	17	6,268	1,213	19.4	858	170	...	...	55	130	...	...	...
72	100 to 199 acres irrigated	24	9,423	3,328	35.3	2,733	423	...	...	87	85	...	...	...
73	200 to 499 acres irrigated	10	3,981	2,747	69.0	2,453	84	210	...	...	...	...	...	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
22	62	2,196	257	48	...	980	...	20	5	13	3	...	4	1
4	14	7	2	1	...	...	...	...	...	4	...	...	...	2
2	8	42	...	20	...	...	...	...	...	3	1	...	2	3
2	7	95	15	27	...	...	...	4	1	1	...	...	1	4
5	9	279	10	...	...	...	...	3	1	2	2	...	...	5
7	14	543	130	...	...	...	...	5	2	2	...	...	1	6
2	10	460	100	...	...	...	...	5	1	...	...	...	...	7
...	...	770	...	...	...	...	...	3	...	...	...	...	...	8
...	...	...	...	...	...	980	...	...	...	1	...	...	...	9
29	88	5,957	150	969	...	...	...	31	11	7	6	...	2	10
...	...	28	...	...	...	...	...	1	...	...	...	...	1	11
1	2	24	...	...	...	...	...	1	...	...	...	...	...	12
7	24	242	...	142	...	...	...	7	1	1	4	...	1	13
7	26	710	...	70	...	...	...	9	1	2	...	...	...	14
6	18	1,077	50	397	...	...	...	7	3	1	2	...	...	15
7	16	2,608	100	360	...	...	...	6	5	3	...	...	...	16
1	2	1,268	...	...	...	...	...	...	1	...	...	...	...	17
154	431	28,859	349	47,403	58,649	...	300	348	51	184	83	6	98	18
1	1	40	3	24	28	...	...	2	...	2	...	2	13	19
1	1	40	3	24	28	...	...	2	...	2	...	2	13	20
7	7	237	13	161	232	...	...	10	...	5	...	...	34	21
5	5	20	3	31	3	...	...	5	...	2	...	...	7	22
2	2	136	10	88	108	...	...	4	...	2	...	...	19	23
...	...	46	...	42	50	...	...	1	...	1	...	...	5	24
...	...	35	...	...	71	...	...	...	...	...	...	...	3	25
1	1	...	26	126	38	...	...	4	...	1	2	...	5	26
...	...	...	...	13	6	...	...	2	...	...	...	...	2	27
...	...	...	...	15	...	...	...	...	...	...	1	...	...	28
1	1	...	26	43	...	...	...	2	...	1	1	...	1	29
...	...	...	...	...	32	...	...	...	...	...	...	...	1	30
...	...	...	...	55	...	...	...	...	...	...	...	...	1	31
5	11	71	...	73	46	...	...	6	...	1	2	1	2	32
3	7	8	...	...	...	...	...	2	...	1	...	...	...	33
2	4	31	...	15	...	...	...	1	...	...	1	...	2	34
...	...	...	...	...	23	...	...	1	...	...	...	...	...	35
...	...	32	...	58	23	...	...	2	...	...	1	1	...	36
8	11	113	18	283	177	...	...	8	...	4	1	2	5	37
5	7	10	8	19	10	...	...	4	...	1	...	2	2	38
...	...	...	...	...	13	...	...	...	...	...	...	...	1	39
...	...	...	...	22	...	...	...	1	...	...	...	...	...	40
2	3	23	10	92	54	...	...	2	...	1	1	...	1	41
1	1	80	...	50	...	...	...	1	...	...	...	...	1	42
...	...	...	...	100	100	...	...	...	...	2	...	...	...	43
7	14	251	20	509	129	...	...	14	...	1	2	...	4	44
2	2	5	...	...	1	...	...	1	...	...	...	...	2	45
1	2	12	...	...	22	...	...	2	...	...	...	...	...	46
1	4	40	20	45	...	...	...	5	...	...	...	...	...	47
2	5	119	...	...	16	...	...	3	...	...	1	...	...	48
1	1	35	...	194	90	...	...	1	...	1	1	...	2	49
...	...	40	...	270	...	...	...	2	...	...	...	...	...	50
4	4	254	...	358	151	...	...	12	...	2	1	1	2	51
2	2	15	...	6	...	...	...	2	...	...	...	1	1	52
...	...	...	...	15	...	...	...	1	...	...	...	...	...	53
1	1	25	...	...	...	...	...	1	...	...	...	...	...	54
1	1	54	...	58	40	...	...	3	...	1	...	...	1	55
...	...	...	...	145	111	...	...	3	...	1	1	...	...	56
...	...	160	...	134	...	...	...	2	...	...	...	...	...	57
6	13	392	...	132	563	...	...	9	...	4	2	...	4	58
1	2	2	...	5	...	...	...	1	...	1	...	...	...	59
...	...	...	...	...	26	...	...	...	...	1	...	...	1	60
1	2	...	...	55	10	...	...	1	...	...	1	...	1	61
1	3	58	...	58	42	...	...	2	...	1	1	...	...	62
2	5	125	...	10	96	...	...	2	...	1	...	...	1	63
1	1	207	...	4	166	...	...	3	...	...	...	...	...	64
...	...	...	...	...	223	...	...	...	...	...	...	...	1	65
18	82	2,570	...	1,942	3,117	...	...	34	5	22	11	...	5	66
...	...	5	...	3	...	...	...	1	...	1	...	...	1	67
2	3	38	...	...	38	...	...	4	...	1	...	...	1	68
2	11	68	...	...	...	...	...	1	...	...	1	...	1	69
1	2	79	...	...	110	...	...	2	...	2	...	...	1	70
3	4	571	...	287	355	...	...	10	1	3	6	...	1	71
8	60	1,389	...	702	1,237	...	...	13	2	8	4	...	...	72
2	2	420	...	950	1,377	...	...	3	2	7	...	...	...	73

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State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Mississippi—Continued													
1	500 to 999 acres	145	105,027	25,666	24.4	18,078	4,586	91	303	1,968	640	...	...	...
2	1 to 9 acres irrigated	4	2,596	20	0.8	1	14	1	4	...	...	...	...	...
3	10 to 19 acres irrigated	3	2,126	38	1.8	...	26	...	...	12	...	...	...	...
4	20 to 29 acres irrigated	5	3,210	120	3.7	31	25	...	19	45	...	...	...	...
5	30 to 49 acres irrigated	8	6,142	306	5.0	125	40	...	...	101	40	...	...	...
6	50 to 99 acres irrigated	23	16,141	1,705	10.6	962	501	...	99	85	58	...	...	...
7	100 to 199 acres irrigated	42	29,086	5,812	20.0	3,751	1,022	...	...	787	252	...	...	...
8	200 to 499 acres irrigated	56	42,105	15,305	36.3	11,735	2,071	90	181	938	290	...	...	...
9	500 to 999 acres irrigated	4	3,621	2,360	65.2	1,473	887	...	...	...	...	...	...	...
10	1,000 or more acres	278	657,211	97,647	14.9	67,094	22,435	54	1,002	6,162	700	200	...	...
11	1 to 9 acres irrigated	4	6,948	16	0.2	14	...	1	...	1	...	...	...	...
12	10 to 19 acres irrigated	3	4,794	43	0.9	10	33	...	...	...	...	...	...	...
13	20 to 29 acres irrigated	2	2,722	40	1.5	40	...	...	...	...	...	...	...	...
14	30 to 49 acres irrigated	10	38,864	398	1.0	133	203	...	62	...	...	...	...	...
15	50 to 99 acres irrigated	12	27,138	817	3.0	295	457	...	65	...	...	...	...	...
16	100 to 199 acres irrigated	51	77,018	7,321	9.5	4,320	2,145	18	120	594	124	...	...	...
17	200 to 499 acres irrigated	140	279,508	44,081	15.8	30,198	9,488	35	371	3,757	232	...	...	...
18	500 to 999 acres irrigated	44	140,642	29,380	20.9	20,315	6,548	...	384	1,589	344	200	...	...
19	1,000 or more acres irrigated	12	79,577	15,551	19.5	11,769	3,561	...	...	221	...	...	...	...
20	Arkansas, total	4,922	2,816,474	836,556	29.7	688,155	71,132	3,229	38,712	10,903	19,166	104	5,155	...
21	Under 10 acres	64	426	388	91.1	367	12	1	...	8	...	...	...	...
22	1 to 9 acres irrigated	64	426	388	91.1	367	12	1	...	8	...	...	...	...
23	10 to 49 acres	350	8,209	5,576	67.9	4,608	632	4	145	119	67	1	...	...
24	1 to 9 acres irrigated	46	1,155	258	22.3	189	48	4	16	...	...	1	...	...
25	10 to 19 acres irrigated	199	3,775	2,557	67.7	2,309	121	...	59	26	42	...	...	...
26	20 to 29 acres irrigated	72	2,018	1,610	79.8	1,360	184	...	20	21	25	...	...	...
27	30 to 49 acres irrigated	33	1,261	1,151	91.3	750	279	...	50	72	...	...	...	...
28	50 to 69 acres	94	5,597	2,410	43.1	1,947	267	46	111	11	28	...	...	...
29	1 to 9 acres irrigated	19	1,128	107	9.5	82	3	...	14	...	8	...	...	...
30	10 to 19 acres irrigated	19	1,119	257	23.0	214	22	...	10	11	...	...	...	...
31	20 to 29 acres irrigated	18	1,073	431	40.2	296	115	...	...	...	20	...	...	...
32	30 to 49 acres irrigated	25	1,511	888	58.8	741	56	30	61	...	...	...	...	...
33	50 to 69 acres irrigated	13	766	727	94.9	614	71	16	26	...	...	...	...	...
34	70 to 99 acres	252	20,751	8,224	39.6	7,092	749	37	173	91	82	...	...	...
35	1 to 9 acres irrigated	32	2,694	154	5.7	108	17	9	8	...	12	...	...	...
36	10 to 19 acres irrigated	47	3,847	677	17.6	561	66	...	35	...	15	...	...	...
37	20 to 29 acres irrigated	54	4,450	1,292	29.0	1,069	121	28	53	...	21	...	...	...
38	30 to 49 acres irrigated	65	5,196	2,401	46.2	1,954	282	...	48	83	34	...	...	...
39	50 to 99 acres irrigated	54	4,564	3,700	81.1	3,400	263	...	29	8	...	...	...	...
40	100 to 139 acres	305	35,491	13,630	38.4	11,679	1,063	10	273	401	119	...	85	...
41	1 to 9 acres irrigated	30	3,514	170	4.8	108	30	8	9	1	9	...	5	...
42	10 to 19 acres irrigated	39	4,446	563	12.7	464	62	...	10	...	27	...	...	...
43	20 to 29 acres irrigated	45	5,318	1,053	19.8	930	89	...	13	...	21	...	...	...
44	30 to 49 acres irrigated	79	9,188	2,981	32.4	2,760	118	2	...	60	41	...	...	...
45	50 to 99 acres irrigated	82	9,529	5,488	57.6	4,460	550	...	117	340	21	...	...	...
46	100 to 139 acres irrigated	30	3,496	3,375	96.5	2,957	214	...	124	...	...	...	80	...
47	140 to 179 acres	335	53,090	17,246	32.5	14,813	1,159	322	358	176	338	...	80	...
48	1 to 9 acres irrigated	27	4,183	149	3.6	78	23	9	21	1	17	...	...	...
49	10 to 19 acres irrigated	21	3,211	296	9.2	179	51	...	48	18	...	...	...	...
50	20 to 29 acres irrigated	52	8,324	1,232	14.8	1,129	58	...	...	...	45	...	...	...
51	30 to 49 acres irrigated	92	14,718	3,566	24.2	3,197	203	40	91	5	30	...	...	...
52	50 to 99 acres irrigated	103	16,391	6,849	41.8	6,178	417	...	49	12	113	...	80	...
53	100 to 179 acres irrigated	40	6,263	5,154	82.3	4,052	407	273	149	140	133	...	...	...
54	180 to 219 acres	278	55,080	18,309	33.2	16,414	1,116	192	158	217	212	...	...	...
55	1 to 9 acres irrigated	12	2,358	58	2.5	40	14	...	1	3	...	...	...	...
56	10 to 19 acres irrigated	20	3,888	276	7.1	222	21	6	6	...	21	...	...	...
57	20 to 29 acres irrigated	35	6,944	844	12.2	671	92	20	...	29	32	...	...	...
58	30 to 49 acres irrigated	60	11,807	2,353	19.9	2,143	106	...	19	85	...	...	...	...
59	50 to 99 acres irrigated	94	18,599	6,400	34.4	5,824	353	59	20	45	99	...	...	...
60	100 to 199 acres irrigated	47	9,414	6,329	67.2	5,545	450	107	112	55	60	...	...	...
61	200 to 219 acres irrigated	10	2,070	2,049	99.0	1,969	80	...	...	...	...	...	...	...
62	220 to 259 acres	260	61,741	21,601	35.0	19,126	1,434	29	376	124	432	...	80	...
63	1 to 9 acres irrigated	13	3,035	71	2.3	40	14	2	9	3	3	...	...	...
64	10 to 19 acres irrigated	13	3,108	193	6.2	132	34	27	...	...	...	...	...	...
65	20 to 29 acres irrigated	18	4,224	435	10.3	362	20	...	...	28	25	...	...	...
66	30 to 49 acres irrigated	42	9,917	1,596	16.1	1,385	105	...	41	35	30	...	...	...
67	50 to 99 acres irrigated	89	21,084	6,194	29.4	5,664	385	...	42	58	45	...	...	...
68	100 to 199 acres irrigated	65	15,575	8,671	55.7	7,659	569	...	284	...	79	...	80	...
69	200 to 259 acres irrigated	20	4,798	4,441	92.6	3,884	307	...	...	...	250	...	...	...
70	260 to 499 acres	1,166	429,625	155,175	36.1	131,673	11,433	1,080	4,197	1,365	4,631	3	793	...
71	1 to 9 acres irrigated	17	6,035	81	1.3	47	22	1	...	8	...	3	...	...
72	10 to 19 acres irrigated	26	8,560	386	4.5	343	19	17	7	...	...	...	...	...
73	20 to 29 acres irrigated	41	13,617	951	7.0	775	83	20	38	22	13	...	...	...
74	30 to 49 acres irrigated	86	30,772	3,366	10.9	2,738	570	...	...	30	28	...	...	...
75	50 to 99 acres irrigated	357	126,213	25,532	20.2	22,915	1,437	36	311	456	377	...	...	...
76	100 to 199 acres irrigated	387	145,060	53,406	36.8	47,455	2,993	10	869	482	1,202	...	395	...
77	200 to 499 acres irrigated	252	99,368	71,453	71.9	57,400	6,309	996	2,972	367	3,011	...	398	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
36	71	6,035	24	8,321	11,286	...	...	77	11	47	27	...	12	1
2	3	13	...	...	7	...	...	3	...	...	...	...	1	2
1	2	12	...	26	...	...	...	1	...	...	...	...	2	3
2	3	50	...	...	70	...	...	3	...	...	1	...	1	4
...	...	120	...	110	76	...	...	1	...	1	2	...	4	5
5	15	273	24	620	788	...	...	12	1	9	2	...	1	6
6	8	1,291	...	1,368	3,153	...	...	23	3	12	10	...	1	7
19	39	4,026	...	4,687	6,592	...	...	32	6	23	10	...	2	8
1	1	250	...	1,510	600	...	...	2	1	2	2	...	...	9
61	216	18,896	245	35,474	42,882	...	300	172	35	95	35	...	12	10
2	25	14	...	2	...	...	...	...	...	2	...	...	2	11
1	1	18	...	10	15	...	...	3	...	...	...	...	...	12
...	...	...	...	20	20	...	...	...	1	...	1	...	1	13
4	16	118	...	240	40	...	...	5	...	...	2	...	3	14
4	24	440	...	60	317	...	...	7	1	2	1	...	2	15
13	27	1,772	...	3,590	2,109	...	...	31	3	15	8	...	2	16
28	67	9,669	245	12,106	22,061	...	...	90	22	51	19	...	2	17
6	41	5,455	...	11,000	12,625	...	300	25	6	22	4	...	...	18
3	15	1,410	...	8,446	5,695	...	...	11	2	3	...	...	...	19
1,136	2,658	54,718	1,805	216,263	561,975	1,808	122	2,565	294	1,741	801	25	607	20
...	...	39	...	267	82	...	...	15	1	1	1	...	46	21
...	...	39	...	267	82	...	...	15	1	1	1	...	46	22
32	50	471	...	3,332	1,773	...	...	74	8	33	36	2	205	23
11	21	48	...	110	100	...	...	19	...	5	7	1	17	24
13	21	205	...	1,562	790	...	...	28	5	13	17	...	139	25
3	3	160	...	952	498	...	...	15	3	11	7	...	36	26
5	5	58	...	708	385	...	...	12	...	4	5	1	13	27
15	30	299	...	1,220	941	...	...	39	1	13	19	1	26	28
5	7	25	...	50	32	...	...	7	...	3	2	1	7	29
2	3	20	...	131	106	...	...	8	...	2	4	...	6	30
1	1	130	...	183	118	...	...	7	...	1	5	...	5	31
5	15	74	...	524	290	...	...	11	1	4	6	...	4	32
2	4	50	...	332	395	...	...	6	...	3	2	...	4	33
39	46	1,092	...	3,571	3,560	...	2	118	5	37	61	4	41	34
9	12	39	...	66	47	...	2	12	...	3	8	2	9	35
8	8	91	...	307	279	...	...	17	3	5	13	2	9	36
6	6	176	...	598	518	...	...	30	...	7	12	...	7	37
9	12	274	...	1,031	1,096	...	...	31	1	9	17	...	11	38
7	8	512	...	1,569	1,620	...	...	28	1	13	11	...	5	39
46	76	823	...	6,349	6,385	73	...	141	9	50	82	4	43	40
9	14	34	...	93	43	...	...	14	...	1	7	2	6	41
6	6	59	...	276	228	...	...	18	1	3	12	...	7	42
3	6	51	...	514	488	...	...	14	1	8	13	1	10	43
10	12	170	...	1,126	1,637	48	...	37	1	14	21	...	10	44
12	28	497	...	2,735	2,256	...	...	42	1	17	23	1	8	45
6	10	12	...	1,605	1,733	25	...	16	5	7	6	...	2	46
68	112	1,799	26	4,702	10,719	...	...	157	10	84	62	3	42	47
11	18	41	...	39	69	...	...	12	...	4	8	1	3	48
5	14	51	...	63	182	...	...	10	...	2	8	...	2	49
7	9	95	26	410	701	...	...	24	...	12	12	...	5	50
16	33	341	...	851	2,374	...	...	36	1	25	14	...	19	51
19	25	1,001	...	1,714	4,134	...	...	55	6	30	13	2	8	52
10	13	270	...	1,625	3,259	...	...	20	3	11	7	...	5	53
56	94	1,280	20	5,120	11,807	82	...	145	10	74	55	...	25	54
3	8	20	...	16	22	...	...	8	...	...	1	...	3	55
6	9	38	...	98	140	...	...	9	3	3	6	...	2	56
5	9	36	20	309	479	...	...	17	1	5	10	...	4	57
8	9	85	...	689	1,579	...	...	32	...	13	17	...	6	58
15	27	662	...	2,020	3,636	82	...	51	3	27	14	...	5	59
16	29	359	...	1,619	4,351	...	...	21	3	22	6	...	5	60
3	3	80	...	369	1,600	...	...	7	...	4	1	...	...	61
39	63	1,453	190	6,436	13,523	...	...	126	13	67	49	1	29	62
6	11	33	...	9	29	...	...	8	...	1	4	...	1	63
3	6	53	...	44	96	...	...	6	...	1	4	...	2	64
1	1	20	...	174	241	...	...	6	...	1	9	...	3	65
4	5	160	...	586	850	...	...	17	2	4	11	1	8	66
13	15	354	75	1,419	4,347	...	...	43	5	24	11	...	12	67
10	13	624	115	2,852	5,080	...	...	39	4	25	8	...	2	68
2	12	209	...	1,352	2,880	...	...	7	2	11	2	...	1	69
254	514	8,299	630	41,269	103,817	1,161	...	644	63	436	191	4	78	70
2	3	11	3	14	53	...	...	6	...	2	5	1	3	71
2	8	62	...	105	207	12	...	6	1	7	8	...	6	72
8	47	89	...	227	636	...	...	23	1	4	11	...	6	73
12	15	604	...	1,237	1,525	...	...	36	4	21	24	...	15	74
68	150	2,157	322	5,864	17,135	54	...	193	12	103	55	...	35	75
89	154	3,195	305	15,188	34,610	108	...	236	28	159	55	2	7	76
73	137	2,181	...	18,634	49,651	987	...	144	17	140	33	1	6	77

State Table 4.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, SOURCE OF WATER, METHOD OF IRRIGATION,

	State, size of farm, acres irrigated	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Acres irrigated by source of water								
				Number	Percent of total acres in farms reporting irrigation	Wells	Natural streams and rivers	Springs and seepage	Farm runoff	Natural lakes and ponds	Drainage ditches	Municipal water systems	Irrigation and drainage organizations	Other sources
	Arkansas—Continued													
1	500 to 999 acres	1,121	778,043	274,582	35.3	232,855	14,775	536	14,468	4,372	5,969	100	1,507	...
2	1 to 9 acres irrigated	3	1,810	11	0.6	2	2	...	1	...	6	...	...	...
3	10 to 19 acres irrigated	8	5,656	106	1.9	86	10	...	10	...	...	...	...	...
4	20 to 29 acres irrigated	11	7,436	251	3.4	133	93	...	25	...	...	...	...	...
5	30 to 49 acres irrigated	45	29,325	1,689	5.8	1,298	262	...	81	45	3	...	...	...
6	50 to 99 acres irrigated	128	81,817	9,322	11.4	8,063	981	26	135	60	57	...	...	...
7	100 to 199 acres irrigated	333	225,512	48,496	21.5	43,256	2,544	256	1,328	390	722	...	...	...
8	200 to 499 acres irrigated	476	337,361	145,236	43.1	123,398	6,602	254	7,780	2,122	4,473	100	507	...
9	500 to 999 acres irrigated	117	89,126	69,471	77.9	56,619	4,281	...	5,108	1,755	708	...	1,000	...
10	1,000 or more acres	697	1,368,421	319,415	23.3	247,581	38,492	972	18,453	4,019	7,288	...	2,610	...
11	1 to 9 acres irrigated	3	5,915	19	0.3	...	10	...	6	3	...	...	...	...
12	10 to 19 acres irrigated	3	3,763	43	1.1	19	16	...	8	...	...	...	...	...
13	20 to 29 acres irrigated	4	5,682	102	1.8	55	47	...	...	...	...	...	...	...
14	30 to 49 acres irrigated	14	19,307	541	2.8	450	91	...	...	...	...	...	...	...
15	50 to 99 acres irrigated	57	102,698	4,186	4.1	3,276	730	...	10	170	...	...	...	...
16	100 to 199 acres irrigated	92	142,666	13,082	9.2	11,034	1,310	175	35	334	194	...	...	...
17	200 to 499 acres irrigated	292	518,982	92,848	17.9	76,480	10,338	589	2,537	1,146	1,418	...	340	...
18	500 to 999 acres irrigated	168	337,240	111,312	33.0	86,009	14,689	208	6,399	1,210	2,127	...	670	...
19	1,000 or more acres irrigated	64	232,168	97,282	41.9	70,258	11,261	...	9,458	1,156	3,549	...	1,600	...

CONSTRUCTED RESERVOIRS AND TYPE OF POWER, BY SIZE OF FARM AND ACRES IRRIGATED, BY STATES: 1960—Con.

Constructed reservoirs		Acres irrigated by method of irrigation						Farms reporting by type of power used for pumping					Farms not reporting type of power	
Farms reporting	Number	Portable pipe and sprinklers	Fixed overhead irrigation	Furrows and ditches	Flooding	Sub-irrigation	Other methods	Gas engines	Diesel engines	Electric motors	Tractors	No power		
330	1,003	15,201	400	67,637	191,042	302	...	661	96	569	164	3	45	1
1	1	...	...	1	10	...	...	1	...	...	1	...	...	2
2	3	30	...	30	46	...	...	3	...	1	...	...	4	3
2	4	80	...	20	151	...	...	6	...	...	4	...	1	4
12	21	256	...	586	847	...	...	18	4	3	10	1	14	5
25	33	1,116	...	2,198	6,008	...	...	75	10	30	24	...	8	6
82	212	2,665	100	11,595	34,046	90	...	190	28	154	40	...	10	7
164	641	8,986	300	36,686	99,052	212	...	285	43	296	73	2	6	8
42	88	2,068	...	16,521	50,882	...	...	83	11	85	12	...	2	9
257	670	23,962	539	76,360	218,326	190	120	445	78	377	81	3	27	10
2	15	12	...	7	...	...	...	1	...	...	...	1	1	11
2	5	16	...	...	27	...	...	3	...	...	...	...	...	12
1	1	22	...	...	80	...	...	2	...	...	1	...	1	13
3	3	125	...	137	279	...	...	5	3	1	2	...	2	14
15	42	697	...	1,076	2,413	...	...	39	2	11	7	...	5	15
25	49	1,310	...	3,483	8,289	...	...	60	6	32	8	...	5	16
98	264	9,854	189	20,049	62,568	150	120	186	29	162	35	1	8	17
81	184	5,029	350	26,137	79,756	40	...	109	25	119	23	1	4	18
30	107	6,897	...	25,471	64,914	...	...	40	13	52	5	...	1	19

State Table 5.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Total, 30 States	29,777	11,083,788	1,865,178	16.8	15,480	1,727	4,822	4,360	985	5,044	15,252	32,948
Wells and combinations of wells with other sources	11,260	5,713,083	1,346,599	23.6	5,600	865	3,847	1,079	298	1,473	2,623	6,080
Wells only	9,214	3,669,112	873,809	23.8	4,136	658	3,073	752	281	1,394	1,294	2,776
Wells and streams only	534	548,808	135,934	24.8	378	54	208	117	2	20	228	563
Wells and springs only	287	84,337	19,217	22.8	211	19	86	32	2	14	282	600
Wells and runoff only	278	198,814	54,761	27.5	186	20	136	38	...	15	272	519
Wells and lakes only	307	292,075	56,951	19.5	239	48	80	44	3	12	149	531
Wells and drainage ditches only	272	315,372	65,208	20.7	180	32	92	52	10	12	111	273
Wells and municipal water only	42	6,097	1,882	30.9	12	3	29	2	...	...	14	37
Wells and irrigation organizations only	20	7,184	4,914	68.4	11	3	15	2	...	...	5	7
Wells in combination with other sources	306	591,284	133,923	22.6	247	28	128	40	...	6	268	774
Streams and combinations of streams with other sources (except wells)	6,769	2,488,152	224,271	9.0	3,852	321	459	1,068	113	1,323	3,290	7,889
Streams only	5,033	1,613,852	144,672	9.0	2,642	200	346	747	77	1,218	1,674	3,335
Streams and springs only	601	211,845	22,169	10.5	432	37	34	82	21	45	584	1,515
Streams and runoff only	512	274,307	18,867	6.9	347	27	27	122	3	26	507	1,357
Streams and lakes only	292	136,760	12,653	9.3	197	27	18	61	1	21	236	645
Streams and drainage ditches only	62	32,254	6,501	20.2	31	7	3	15	6	6	44	107
Streams and municipal water only	33	5,887	1,216	20.7	24	2	7	1	2	2	15	22
Streams and irrigation organizations only	1	180	16	8.9	...	...	...	1	...	...	1	3
Streams in combination with other sources	235	213,067	18,177	8.5	179	21	24	39	3	5	229	905
Springs and combinations of springs with other sources (except wells and streams)	4,537	1,032,534	72,222	7.0	2,591	162	208	802	60	843	4,355	8,563
Springs only	3,269	651,486	46,173	7.1	1,815	106	160	536	45	683	3,115	5,570
Springs and runoff only	949	245,895	15,325	6.2	553	41	25	210	5	146	932	2,288
Springs and lakes only	115	81,405	4,676	5.7	77	5	7	22	3	7	108	248
Springs and drainage ditches only	107	30,894	2,957	9.6	78	5	3	21	3	3	106	196
Springs and irrigation organizations only	28	4,629	656	14.2	17	3	6	2	1	1	27	68
Springs in combination with other sources	69	18,225	2,435	13.4	51	2	7	11	3	3	67	193
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	3,036	719,119	46,705	6.5	1,488	114	98	766	19	648	2,901	6,051
Farm runoff only	2,868	651,508	38,216	5.9	1,385	107	82	732	14	635	2,739	5,642
Farm runoff and lakes only	95	38,956	2,406	6.2	60	4	4	20	1	10	92	232
Farm runoff and drainage ditches only	58	25,561	5,588	21.9	32	3	9	14	4	2	56	147
Farm runoff and municipal water only	12	2,747	450	16.4	8	...	3	...	...	1	12	26
Farm runoff in combination with other sources	3	347	45	13.0	3	...	...	...	...	...	2	4
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	3,024	813,133	78,399	9.6	1,639	177	122	566	15	605	1,832	3,904
Lakes only	2,972	793,357	73,640	9.3	1,605	176	112	558	13	604	1,793	3,813
Lakes and drainage ditches only	27	11,623	1,139	9.8	20	...	...	7	1	...	22	58
Lakes and municipal water only	20	1,077	402	37.3	9	...	10	1	1	1	14	27
Lakes and irrigation organizations only	3	6,740	3,168	47.0	3	1	...	...	...	...	1	4
Lakes in combination with other sources	2	336	50	14.9	2	...	...	...	...	...	2	2
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	411	214,753	71,198	33.2	224	70	30	65	23	32	162	303
Drainage ditches only	400	212,402	69,166	32.6	217	67	27	65	23	32	158	297
Drainage ditches and municipal water only	3	48	16	33.3	1	...	3	...	...	...	1	1
Drainage ditches and irrigation organizations only	7	2,272	1,991	87.6	5	3	...	...	...	...	2	2
Drainage ditches in combination with other sources	1	31	25	80.6	1	...	...	...	...	...	1	3
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	619	46,658	4,275	9.2	21	...	36	4	447	113	48	85
Municipal water only	616	46,559	4,233	9.1	20	...	34	4	447	113	46	82
Municipal water and irrigation organizations only	1	27	5	18.5	...	...	1	...	...	...	...	...
Municipal water in combination with other sources	2	72	37	51.4	1	...	1	...	...	...	2	3
Irrigation districts and irrigation districts in combination with other sources	72	28,665	18,585	64.8	34	14	11	8	9	5	10	21
Irrigation organizations only	72	28,665	18,585	64.8	34	14	11	8	9	5	10	21
Irrigation districts and other	...	...	...	...	...	...	...	...	...	...	...	...
Other sources	49	27,691	2,924	10.6	31	4	11	2	1	2	31	52

State Table 5.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960–Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Maine	104	23,989	2,438	10.2	76	3	6	9	9	6	81	172
Wells and combinations of wells with other sources	6	1,584	310	19.6	3	1	2	...	...	1	5	13
Wells only	2	432	6	1.4	1	...	...	...	...	1	1	1
Wells and springs only	1	40	20	50.0	1	...	...	...	...	...	1	4
Wells and municipal water only	1	150	50	33.3	1	...	...	...	...	...	1	4
Wells in combination with other sources	2	962	234	24.3	...	1	2	...	...	...	2	4
Streams and combinations of streams with other sources (except wells)	40	13,891	1,474	10.6	31	1	2	4	1	3	26	57
Streams only	27	9,250	657	7.1	18	1	2	2	1	3	13	21
Streams and springs only	3	285	86	30.2	3	...	...	1	...	...	3	8
Streams and runoff only	1	400	10	2.5	1	...	...	...	...	...	1	1
Streams and lakes only	2	2,176	91	4.2	2	...	...	...	...	...	2	4
Streams and drainage ditches only	2	640	70	10.9	2	...	...	1	...	...	2	2
Streams and municipal water only	1	60	10	16.7	1	...	...	...	...	...	1	1
Streams in combination with other sources	4	1,080	550	50.9	4	...	...	...	...	...	4	20
Springs and combinations of springs with other sources (except wells and streams)	31	4,660	464	10.0	25	1	1	5	...	1	30	70
Springs only	15	1,417	104	7.3	10	...	1	3	...	1	14	22
Springs and runoff only	10	1,889	90	4.8	10	...	...	...	...	...	10	17
Springs and drainage ditches only	1	54	10	18.5	1	...	...	...	...	...	1	3
Springs and municipal water only	2	805	120	14.9	2	1	...	...	...	...	2	16
Springs in combination with other sources	3	495	140	28.3	2	...	...	2	...	...	3	12
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	12	2,672	141	5.3	10	...	1	...	1	...	11	21
Farm runoff only	9	1,410	87	6.2	8	...	1	...	...	...	9	19
Farm runoff and lakes only	2	1,222	44	3.6	2	...	...	...	...	...	2	2
Farm runoff and drainage ditches only	1	40	10	25.0	...	...	...	...	1	...	...	...
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	4	830	18	2.2	4	...	...	...	...	...	4	4
Lakes only	4	830	18	2.2	4	...	...	...	...	...	4	4
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	3	136	6	4.4	3	...	...	...	...	...	3	5
Drainage ditches only	3	136	6	4.4	3	...	...	...	...	...	3	5
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	7	202	24	11.9	...	...	...	...	7	...	2	2
Municipal water only	7	202	24	11.9	...	...	...	...	7	...	2	2
Irrigation districts and irrigation districts in combination with other sources	1	14	1	7.1	...	...	...	...	...	1	...	...
Irrigation organizations only	1	14	1	7.1	...	...	...	...	...	1	...	...
New Hampshire	70	10,811	1,129	10.4	46	2	11	3	8	4	41	72
Wells and combinations of wells with other sources	7	471	33	7.0	2	...	7	...	...	...	5	10
Wells only	6	171	29	17.0	1	...	6	...	...	...	4	6
Wells and lakes only	1	300	4	1.3	1	...	1	...	...	...	1	4
Streams and combinations of streams with other sources (except wells)	31	6,847	838	12.2	27	1	2	1	...	2	14	24
Streams only	23	4,261	350	8.2	20	...	1	...	...	2	7	10
Streams and springs only	5	1,379	216	15.7	4	...	1	1	...	...	5	10
Streams and runoff only	1	110	30	27.3	1	...	...	...	...	...	1	1
Streams and lakes only	1	280	40	14.3	1	...	...	...	...	...	...	...
Streams and drainage ditches only	1	817	202	24.7	1	1	...	...	...	...	1	3
Springs and combinations of springs with other sources (except wells and streams)	17	1,668	162	9.7	13	1	1	1	...	1	16	28
Springs only	13	1,101	85	7.7	9	1	1	1	...	1	12	20
Springs and runoff only	3	407	57	14.0	3	...	...	...	...	...	3	7
Springs in combination with other sources	1	160	20	12.5	1	...	...	...	...	...	1	1
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	5	1,197	20	1.7	3	...	1	1	...	...	5	9
Farm runoff only	4	1,157	17	1.5	3	...	...	1	...	...	4	8
Farm runoff and municipal water only	1	40	3	7.5	...	...	1	...	...	...	1	1
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	1	250	15	6.0	1	...	...	...	...	...	...	...
Lakes only	1	250	15	6.0	1	...	...	...	...	...	...	...
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, and lakes)	9	378	61	16.1	...	...	...	...	8	1	1	1
Municipal water only	9	378	61	16.1	...	...	...	...	8	1	1	1
Vermont	13	5,331	598	11.2	7	2	...	1	3	2	7	12
Streams and combinations of streams with other sources	11	4,986	468	9.4	7	2	...	1	1	2	6	10
Streams only	10	3,710	418	11.3	7	1	...	1	1	2	5	8
Streams and lakes only	1	1,276	50	3.9	...	1	...	...	...	...	1	2
Springs and combinations of springs with other sources (except streams)	1	200	100	50.0	...	...	...	...	1	...	1	2
Springs only	1	200	100	50.0	...	...	...	...	1	...	1	2
Municipal water and municipal water in combination with other sources (except streams and springs)	1	145	30	20.7	...	...	...	...	1	...	...	...
Municipal water only	1	145	30	20.7	...	...	...	...	1	...	...	...

State Table 5.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960–Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Massachusetts	958	114,198	17,841	15.6	410	8	84	20	160	332	408	865
Wells and combinations of wells with other sources	144	9,343	1,816	19.4	38	1	24	...	3	89	23	51
Wells only	111	6,753	983	14.6	12	...	10	...	2	88	4	4
Wells and streams only	4	705	118	16.7	3	1	...	...	1	...	2	14
Wells and springs only	12	765	225	29.4	8	...	9	...	...	1	11	16
Wells and runoff only	2	78	12	15.4	2	...	...	...	...	...	1	2
Wells and lakes only	4	195	48	24.6	4	...	...	...	...	...	...	...
Wells and drainage ditches only	2	185	62	33.5	2	...	1	...	...	...	1	4
Wells and municipal water only	4	62	28	45.2	2	...	3	...	...	...	1	1
Wells in combination with other sources	5	600	340	56.7	5	...	1	...	...	...	3	10
Streams and combinations of streams with other sources (except wells)	417	68,225	10,207	15.0	162	4	32	7	48	193	150	422
Streams only	304	23,444	3,709	15.8	77	1	14	2	29	189	63	117
Streams and springs only	48	10,637	1,726	16.2	29	...	4	1	16	1	42	103
Streams and runoff only	5	384	83	21.6	4	...	...	1	...	...	4	9
Streams and lakes only	19	2,494	839	33.6	17	1	7	...	1	1	10	35
Streams and drainage ditches only	5	614	366	59.6	3	...	1	...	1	1	3	9
Streams and municipal water only	8	636	393	61.8	7	1	...	...	...	...	3	3
Streams in combination with other sources	28	30,016	3,091	10.3	25	1	6	3	1	1	25	146
Springs and combinations of springs with other sources (except wells and streams)	194	19,640	2,913	14.8	122	...	9	10	38	22	164	269
Springs only	128	9,762	1,258	12.9	75	...	3	6	28	18	105	161
Springs and runoff only	12	1,198	167	13.9	7	...	...	1	4	...	12	18
Springs and lakes only	18	3,837	474	12.4	14	...	3	1	2	...	12	19
Springs and drainage ditches only	10	577	160	27.7	6	...	1	...	2	1	10	21
Springs and municipal water only	12	1,375	331	24.1	10	...	...	1	...	1	12	25
Springs in combination with other sources	14	2,891	523	18.1	10	...	2	1	2	2	13	25
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	23	3,008	443	14.7	12	...	1	1	5	4	19	25
Farm runoff only	16	739	188	25.4	9	...	...	1	3	3	12	16
Farm runoff and lakes only	5	2,147	227	10.6	3	...	...	...	1	1	5	7
Farm runoff and drainage ditches only	2	122	28	23.0	...	...	1	...	1	...	2	2
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	91	5,547	1,425	25.7	68	2	15	1	6	6	39	71
Lakes only	82	5,055	1,184	23.4	59	2	14	1	6	6	35	63
Lakes and drainage ditches only	4	234	90	38.5	4	...	...	...	...	...	2	5
Lakes and municipal water only	5	258	151	58.5	5	...	1	...	...	...	2	3
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	13	3,172	344	10.8	6	1	2	...	4	2	5	13
Drainage ditches only	13	3,172	344	10.8	6	1	2	...	4	2	5	13
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	76	5,263	693	13.2	2	...	1	1	56	16	8	14
Municipal water only	76	5,263	693	13.2	2	...	1	1	56	16	8	14
Rhode Island	26	4,066	305	7.5	15	...	4	3	4	1	16	22
Wells and combinations of wells with other sources	2	230	9	3.9	...	...	2	...	...	...	1	2
Wells only	1	50	1	2.0	...	...	1	...	...	...	...	...
Wells and streams only	1	180	8	4.4	...	...	1	...	...	...	1	2
Streams and combinations of streams with other sources (except wells)	7	467	94	20.1	6	...	1	1	...	...	2	2
Streams only	4	340	34	10.0	3	...	1	1	...	...	...	...
Streams and springs only	2	102	35	34.3	2	...	...	...	...	...	2	2
Streams and municipal water only	1	25	25	100.0	1	...	...	...	...	...	...	...
Springs and combinations of springs with other sources (except wells and streams)	10	352	96	27.3	7	...	...	2	...	1	10	12
Springs only	10	352	96	27.3	7	...	...	2	...	1	10	12
Lakes and lakes in combination with other sources (except wells, streams, and springs)	1	51	25	49.0	1	...	...	...	...	...	1	1
Lakes only	1	51	25	49.0	1	...	...	...	...	...	1	1
Municipal water and municipal water in combination with other sources (except wells, streams, springs, and lakes)	5	2,933	61	2.1	...	...	1	...	4	...	1	2
Municipal water only	5	2,933	61	2.1	...	...	1	...	4	...	1	2
Other sources	1	33	20	60.6	1	...	...	...	...	...	1	3
Connecticut	173	28,181	4,393	15.6	118	3	24	7	7	22	117	241
Wells and combinations of wells with other sources	24	1,507	374	24.8	9	1	13	1	...	5	11	22
Wells only	15	514	95	18.5	2	...	8	1	...	5	4	4
Wells and streams only	1	320	150	46.9	1	...	...	...	...	...	1	5
Wells and springs only	3	544	91	16.7	3	1	1	...	...	...	3	9
Wells and runoff only	1	20	10	50.0	1	...	1	...	...	...	1	2
Wells and lakes only	1	20	20	100.0	1	...	1	...	...	...	1	1
Wells and municipal water only	2	11	4	36.4	...	...	2	...	...	...	...	...
Wells in combination with other sources	1	78	4	5.1	1	...	...	...	...	...	1	1

State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Connecticut—Continued												
Streams and combinations of streams with other sources (except wells)	90	18,749	3,044	16.2	70	1	7	5	...	9	58	132
Streams only	65	12,055	1,262	10.5	47	...	6	4	...	8	35	62
Streams and springs only	10	1,559	241	15.5	10	...	...	...	...	...	10	26
Streams and runoff only	1	90	30	33.3	1	...	...	...	...	...	1	4
Streams and lakes only	3	447	191	42.7	3	...	...	...	...	...	3	8
Streams and municipal water only	3	691	198	28.7	2	...	...	...	...	1	1	2
Streams in combination with other sources	8	3,907	1,122	28.7	7	1	1	1	...	...	8	30
Springs and combinations of springs with other sources (except wells and streams)	37	4,051	742	18.3	29	1	3	...	...	5	35	62
Springs only	32	3,737	590	15.8	24	1	3	...	...	5	30	54
Springs and runoff only	3	167	50	29.9	3	...	...	...	...	...	3	5
Springs and lakes only	1	72	62	86.1	1	...	...	...	...	...	1	2
Springs and municipal water only	1	75	40	53.3	1	...	...	...	...	...	1	1
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	5	554	23	4.2	3	...	...	1	...	1	5	8
Farm runoff only	5	554	23	4.2	3	...	...	1	...	1	5	8
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	7	2,015	106	5.3	6	...	...	...	...	1	6	14
Lakes only	7	2,015	106	5.3	6	...	...	...	...	1	6	14
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, and lakes)	10	1,305	104	8.0	1	...	1	...	7	1	2	3
Municipal water only	10	1,305	104	8.0	1	...	1	...	7	1	2	3
New York	1,217	186,735	50,541	27.1	694	183	172	40	86	145	428	827
Wells and combinations of wells with other sources	597	61,233	33,524	54.7	306	170	130	5	...	65	118	268
Wells only	512	48,058	27,924	58.1	236	155	107	3	...	64	57	128
Wells and streams only	14	2,543	730	28.7	11	...	6	1	...	...	9	16
Wells and springs only	25	3,540	1,628	46.0	23	4	6	1	...	...	25	47
Wells and runoff only	3	691	234	33.9	3	...	1	...	...	...	3	8
Wells and lakes only	19	3,010	1,925	64.0	17	9	1	...	...	...	11	32
Wells and drainage ditches only	3	197	65	33.0	3	...	...	...	...	...	1	1
Wells and municipal water only	6	211	166	78.7	1	1	4	...	...	...	...	...
Wells and irrigation organizations only	2	357	253	70.9	2	1	...	...	...	...	...	...
Wells in combination with other sources	13	2,626	599	22.8	10	...	5	...	...	1	12	36
Streams and combinations of streams with other sources (except wells)	266	75,487	9,863	13.1	195	7	20	26	...	36	112	205
Streams only	194	47,017	5,937	12.6	132	5	12	19	...	34	44	64
Streams and springs only	37	15,361	2,070	13.5	33	1	4	3	...	1	36	68
Streams and runoff only	11	5,730	521	9.1	9	1	1	1	...	...	11	20
Streams and lakes only	10	3,653	587	16.1	8	...	1	2	...	...	8	16
Streams and drainage ditches only	2	271	55	20.3	2	...	...	...	...	...	2	4
Streams and municipal water only	2	205	22	10.7	1	...	...	...	...	1	1	1
Streams in combination with other sources	10	3,250	671	20.6	10	...	2	1	...	...	10	32
Springs and combinations of springs with other sources (except wells and streams)	119	24,419	2,945	12.1	96	2	13	3	2	7	116	215
Springs only	93	18,894	2,190	11.6	74	1	11	3	...	6	91	158
Springs and runoff only	15	3,319	204	6.1	13	...	2	...	...	1	14	29
Springs and lakes only	3	633	129	20.4	2	...	...	...	1	...	3	7
Springs and drainage ditches only	3	229	42	18.3	3	...	...	...	...	...	3	4
Springs and municipal water only	1	50	20	40.0	1	...	...	...	...	...	1	2
Springs in combination with other sources	4	1,294	360	27.8	3	1	...	...	1	...	4	15
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	43	7,049	767	10.9	33	1	3	3	2	2	41	75
Farm runoff only	39	6,617	595	9.0	30	1	3	2	2	2	37	70
Farm runoff and lakes only	2	299	65	21.7	1	...	...	1	...	...	2	3
Farm runoff and drainage ditches only	1	34	8	23.5	1	...	...	...	...	...	1	1
Farm runoff and municipal water only	1	99	99	100.0	1	...	...	...	...	...	1	1
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	31	4,248	628	14.8	29	2	...	...	...	...	21	33
Lakes only	28	3,990	575	14.4	26	2	...	...	...	...	19	27
Lakes and drainage ditches only	2	158	33	20.9	2	...	...	...	...	...	2	6
Lakes and municipal water only	1	100	20	20.0	1	...	...	...	...	...	...	...
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	16	1,554	228	14.7	14	...	...	1	1	...	7	9
Drainage ditches only	16	1,554	228	14.7	14	...	...	1	1	...	7	9
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	123	6,512	1,242	19.1	4	...	4	1	81	34	4	6
Municipal water only	122	6,485	1,237	19.1	4	...	3	1	81	34	4	6
Municipal water and irrigation organizations only	1	27	5	18.5	...	...	1	...	...	...	...	...
Irrigation districts and irrigation districts in combination with other sources	1	70	40	57.1	...	...	1	...	...	...	...	...
Irrigation organizations only	1	70	40	57.1	...	...	1	...	...	...	...	...
Other sources	21	6,163	1,304	21.2	17	1	1	1	...	1	9	16

State Table 5.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960–Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
New Jersey	1,632	244,249	69,301	28.4	1,114	61	275	67	65	180	828	1,538
Wells and combinations of wells with other sources	750	95,201	36,726	38.6	500	27	231	16	...	69	253	535
Wells only	564	38,598	13,596	35.2	333	14	183	12	...	63	92	126
Wells and streams only	50	8,497	4,351	51.2	42	6	14	2	...	2	33	64
Wells and springs only	61	11,363	4,686	41.2	58	5	11	1	...	2	61	176
Wells and runoff only	7	628	415	66.1	6	...	2	...	...	1	6	9
Wells and lakes only	19	4,253	1,906	44.8	18	...	5	1	...	...	18	35
Wells and drainage ditches only	9	1,446	627	43.4	9	...	2	...	...	...	7	19
Wells and municipal water only	4	356	90	25.3	3	...	2	...	...	...	2	3
Wells in combination with other sources	36	30,060	11,055	36.8	31	2	12	...	...	1	34	103
Streams and combinations of streams with other sources (except wells)	498	108,756	22,452	20.6	345	19	26	31	9	91	274	551
Streams only	380	78,309	14,390	18.4	255	9	23	17	5	86	159	261
Streams and springs only	73	16,188	4,383	27.1	60	5	2	6	1	3	72	185
Streams and runoff only	12	2,918	723	24.8	10	1	...	3	...	...	12	19
Streams and lakes only	8	2,428	385	15.9	4	...	1	2	...	1	8	20
Streams and drainage ditches only	4	976	362	37.1	2	...	...	...	2	...	4	9
Streams and municipal water only	2	263	106	40.3	...	1	...	...	1	...	1	1
Streams in combination with other sources	19	7,674	2,103	27.4	14	3	...	3	...	1	18	56
Springs and combinations of springs with other sources (except wells and streams)	244	30,869	7,798	25.3	198	10	13	18	1	12	238	361
Springs only	203	24,709	6,199	25.1	164	7	11	14	1	12	197	297
Springs and runoff only	22	3,615	1,080	29.9	16	2	1	4	...	...	22	35
Springs and lakes only	3	529	130	24.6	3	...	1	...	...	...	3	8
Springs and drainage ditches only	10	1,179	234	19.8	10	...	...	...	...	...	10	14
Springs and municipal water only	1	12	10	83.3	...	1	...	...	...	...	1	1
Springs in combination with other sources	5	825	145	17.6	5	...	...	...	...	...	5	6
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	10	907	259	28.6	8	...	2	...	...	...	10	13
Farm runoff only	7	615	211	34.3	6	...	1	...	...	...	7	9
Farm runoff and lakes only	1	102	2	2.0	...	...	1	...	...	...	1	1
Farm runoff and drainage ditches only	2	190	46	24.2	2	...	...	...	...	...	2	3
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	53	6,518	1,628	25.0	49	4	1	1	...	2	46	71
Lakes only	51	5,278	1,538	29.1	47	4	...	1	...	2	44	69
Lakes and drainage ditches only	1	1,185	35	3.0	1	...	...	...	...	...	1	1
Lakes and municipal water only	1	55	55	100.0	1	...	1	...	...	...	1	1
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	9	548	113	20.6	9	1	...	...	...	...	5	5
Drainage ditches only	9	548	113	20.6	9	1	...	...	...	...	5	5
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	67	1,443	318	22.0	4	...	2	1	55	6	1	1
Municipal water only	67	1,443	318	22.0	4	...	2	1	55	6	1	1
Other sources	1	7	7	100.0	1	...	...	...	...	...	1	1
Pennsylvania	449	117,100	7,570	6.5	243	15	116	41	25	38	246	397
Wells and combinations of wells with other sources	102	10,688	1,049	9.8	33	1	67	7	...	9	44	61
Wells only	67	4,462	404	9.1	13	...	48	2	...	8	17	22
Wells and streams only	13	2,849	254	8.9	9	1	8	1	...	1	6	7
Wells and springs only	11	2,293	225	9.8	5	...	5	3	...	...	11	17
Wells and runoff only	2	348	51	14.7	1	...	...	1	...	...	2	5
Wells and lakes only	2	61	10	16.4	1	...	1	...	...	...	2	2
Wells and municipal water only	2	12	8	66.7	...	...	2	...	...	...	1	1
Wells in combination with other sources	5	663	97	14.6	4	...	3	...	...	...	5	7
Streams and combinations of streams with other sources (except wells)	198	73,566	4,625	6.3	145	9	17	26	...	12	94	168
Streams only	155	55,254	2,947	5.3	108	7	12	21	...	11	57	95
Streams and springs only	20	11,084	608	5.5	18	...	3	2	...	...	19	34
Streams and runoff only	7	3,457	630	18.2	6	1	1	2	...	...	7	14
Streams and lakes only	7	1,214	145	11.9	5	...	...	1	...	1	4	9
Streams and drainage ditches only	1	44	4	9.1	1	...	...	...	...	...	...	...
Streams and municipal water only	1	125	30	24.0	1	...	1	...	...	...	...	...
Streams in combination with other sources	7	2,388	261	10.9	6	1	...	...	...	...	7	16
Springs and combinations of springs with other sources (except wells and streams)	92	23,738	1,318	5.6	50	5	25	7	1	7	87	141
Springs only	76	21,346	844	4.0	36	5	24	6	1	7	71	113
Springs and runoff only	13	2,156	398	18.5	11	...	1	1	...	...	13	18
Springs and lakes only	1	69	14	20.3	1	...	...	...	...	...	1	1
Springs and drainage ditches only	1	118	55	46.6	1	...	...	...	...	...	1	3
Springs in combination with other sources	1	49	7	14.3	1	...	...	...	...	...	1	6
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	9	1,364	96	7.0	7	...	2	...	...	...	9	13
Farm runoff only	9	1,364	96	7.0	7	...	2	...	...	...	9	13
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	11	1,213	208	17.1	6	...	1	1	1	2	7	9
Lakes only	10	1,013	118	11.6	6	...	1	1	...	2	6	8
Lakes and municipal water only	1	200	90	45.0	...	...	...	...	1	...	1	1
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, and lakes)	35	4,879	222	4.6	2	...	2	...	23	8	3	3
Municipal water only	35	4,879	222	4.6	2	...	2	...	23	8	3	3
Other sources	2	1,652	52	3.1	...	...	2	...	...	...	2	2

State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Ohio	450	62,579	9,153	14.6	192	6	176	26	40	39	211	324
Wells and combinations of wells with other sources	178	26,461	4,440	16.8	67	3	103	9	...	14	65	95
Wells only	134	20,051	2,210	11.0	43	3	77	5	...	13	30	35
Wells and streams only	12	2,037	689	33.8	7	...	8	1	...	...	5	11
Wells and springs only	8	1,059	240	22.7	3	...	3	2	...	1	8	12
Wells and runoff only	5	126	30	23.8	3	...	3	...	...	...	5	6
Wells and lakes only	6	475	164	34.5	3	...	3	1	...	...	6	14
Wells and drainage ditches only	5	998	342	34.3	4	...	3	...	...	...	4	6
Wells and municipal water only	1	22	16	72.7	...	...	1	...	...	...	1	1
Wells in combination with other sources	7	1,693	749	44.2	4	...	5	...	...	...	6	10
Streams and combinations of streams with other sources (except wells)	108	20,425	3,124	15.3	73	1	20	12	...	10	42	68
Streams only	87	15,255	2,216	14.5	56	1	14	10	...	9	22	25
Streams and springs only	7	1,243	203	16.3	5	...	1	1	...	1	7	18
Streams and runoff only	5	891	166	18.6	5	...	2	...	...	...	5	9
Streams and lakes only	2	1,359	52	3.8	1	...	1	1	...	...	2	4
Streams and drainage ditches only	2	759	160	21.1	2	...	...	...	...	...	1	4
Streams and municipal water only	2	34	12	35.3	1	...	1	...	...	...	2	2
Streams in combination with other sources	3	884	315	35.6	3	...	1	...	...	...	3	6
Springs and combinations of springs with other sources (except wells and streams)	58	9,255	936	10.1	26	2	19	3	...	8	53	86
Springs only	40	7,535	775	10.3	15	2	14	1	...	8	35	54
Springs and runoff only	13	1,443	141	9.8	10	...	2	1	...	...	13	24
Springs and drainage ditches only	2	107	6	5.6	...	...	1	1	...	...	2	3
Springs and municipal water only	2	155	10	6.5	1	...	1	...	...	...	2	4
Springs in combination with other sources	1	15	4	26.7	...	...	1	...	...	...	1	1
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	29	3,605	327	9.1	17	...	10	2	...	3	28	45
Farm runoff only	25	3,433	288	8.4	15	...	8	1	...	3	24	40
Farm runoff and lakes only	3	143	27	18.9	2	...	1	1	...	...	3	4
Farm runoff and municipal water only	1	29	12	41.4	...	...	1	...	...	...	1	1
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	11	1,334	103	7.7	5	...	6	...	...	...	9	13
Lakes only	10	1,326	101	7.6	5	...	5	...	...	...	8	12
Lakes and municipal water only	1	8	2	25.0	...	...	1	...	...	...	1	1
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	4	238	27	11.3	3	...	...	...	...	1	2	2
Drainage ditches only	4	238	27	11.3	3	...	...	...	...	1	2	2
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	61	1,255	195	15.5	1	...	17	...	40	3	11	14
Municipal water only	60	1,235	188	15.2	1	...	16	...	40	3	10	13
Municipal water in combination with other sources	1	20	7	35.0	...	...	1	...	...	...	1	1
Other sources	1	6	1	16.7	...	...	1	...	...	...	1	1
Indiana	330	96,044	13,429	14.0	167	24	95	41	6	19	115	214
Wells and combinations of wells with other sources	155	41,545	6,617	15.9	62	8	83	10	...	6	24	44
Wells only	136	25,986	3,013	11.6	46	6	78	7	...	6	12	15
Wells and streams only	5	2,500	407	16.3	3	1	1	1	...	...	2	2
Wells and springs only	3	1,115	38	3.4	2	...	1	1	...	...	3	3
Wells and runoff only	3	448	155	34.6	3	...	1	...	...	...	3	9
Wells and lakes only	1	1,190	300	25.2	1	...	...	...	...	...	1	5
Wells and drainage ditches only	5	4,426	384	8.7	5	1	1	1	...	...	2	2
Wells in combination with other sources	2	5,880	2,320	39.5	2	...	1	...	...	...	1	8
Streams and combinations of streams with other sources (except wells)	78	25,704	3,358	13.1	53	9	4	10	...	6	27	49
Streams only	60	19,176	2,299	12.0	38	8	3	8	...	5	12	26
Streams and springs only	8	2,252	338	15.0	8	...	...	1	...	...	8	12
Streams and runoff only	1	510	234	45.9	1	...	...	...	...	...	1	1
Streams and lakes only	3	841	164	19.5	2	1	...	...	...	...	3	4
Streams and drainage ditches only	4	1,230	98	8.0	3	...	...	...	...	1	1	4
Streams in combination with other sources	2	1,695	225	13.3	1	...	1	1	...	...	2	2
Springs and combinations of springs with other sources (except wells and streams)	24	5,360	414	7.7	10	3	6	6	...	...	22	37
Springs only	19	3,127	310	9.9	7	3	4	5	...	...	17	30
Springs and runoff only	3	233	56	24.0	2	...	...	1	...	...	3	5
Springs and drainage ditches only	1	100	30	30.0	1	...	1	...	...	...	1	1
Springs in combination with other sources	1	1,900	18	0.9	...	...	1	...	...	...	1	1
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	22	7,743	240	3.1	15	...	1	3	...	4	20	54
Farm runoff only	21	7,713	231	3.0	14	...	1	3	...	4	19	51
Farm runoff and lakes only	1	30	9	30.0	1	...	...	...	...	...	1	3
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	14	3,376	597	17.7	11	...	1	1	...	1	8	15
Lakes only	14	3,376	597	17.7	11	...	1	1	...	1	8	15
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	29	12,165	2,193	18.0	14	4	...	11	1	1	14	15
Drainage ditches only	29	12,165	2,193	18.0	14	4	...	11	1	1	14	15
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	8	151	10	6.6	2	...	...	...	5	1	...	...
Municipal water only	8	151	10	6.6	2	...	...	...	5	1	...	...

State Table 5.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960–Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Illinois	199	50,750	6,923	13.6	93	14	41	39	14	18	67	152
Wells and combinations of wells with other sources	109	26,952	4,157	15.4	47	11	35	18	...	12	15	37
Wells only	95	19,315	3,130	16.2	38	11	34	13	...	11	9	16
Wells and streams only	4	634	70	11.0	3	...	...	1	...	...	...	...
Wells and runoff only	3	678	158	23.3	2	...	...	2	...	...	3	7
Wells and lakes only	1	330	9	2.7	...	...	...	...	...	1	...	...
Wells and drainage ditches only	4	1,120	123	11.0	3	...	1	1	...	...	2	4
Wells in combination with other sources	2	4,875	667	13.7	1	...	...	1	...	...	1	10
Streams and combinations of streams with other sources (except wells)	29	5,255	1,389	26.4	17	2	1	10	1	2	14	23
Streams only	19	2,953	818	27.7	9	1	1	6	1	2	5	8
Streams and springs only	5	1,604	390	24.3	4	1	...	2	...	...	4	6
Streams and runoff only	4	478	101	21.1	4	...	...	1	...	...	4	7
Streams and drainage ditches only	1	220	80	36.4	...	...	...	1	...	...	1	2
Springs and combinations of springs with other sources (except wells and streams)	10	3,624	394	10.9	6	...	2	2	...	1	10	22
Springs only	8	3,343	345	10.3	5	...	1	2	...	1	8	13
Springs and runoff only	2	281	49	17.4	1	...	1	...	...	...	2	9
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	21	9,734	501	5.1	11	1	2	7	...	1	21	55
Farm runoff only	21	9,734	501	5.1	11	1	2	7	...	1	21	55
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	6	1,973	65	3.3	5	...	1	...	...	...	6	12
Lakes only	6	1,973	65	3.3	5	...	1	...	...	...	6	12
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	9	2,866	358	12.5	7	...	...	2	...	...	1	3
Drainage ditches only	9	2,866	358	12.5	7	...	...	2	...	...	1	3
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	15	346	59	17.1	...	...	...	...	13	2	...	...
Municipal water only	15	346	59	17.1	...	...	...	...	13	2	...	...
Michigan	1,417	267,913	31,418	11.7	919	31	304	153	27	82	722	1,121
Wells and combinations of wells with other sources	483	89,151	12,963	14.5	246	17	228	30	...	19	151	235
Wells only	375	50,104	8,094	16.2	160	9	183	19	...	19	59	79
Wells and streams only	17	3,672	1,442	39.3	8	4	9	...	...	...	8	9
Wells and springs only	27	4,757	1,113	23.4	22	1	12	3	...	...	27	37
Wells and runoff only	17	2,642	459	17.4	16	1	7	2	...	...	17	23
Wells and lakes only	10	2,140	318	14.9	9	...	4	...	...	...	7	13
Wells and drainage ditches only	5	592	183	30.9	3	...	2	1	...	...	3	3
Wells and municipal water only	1	5	3	60.0	...	...	1	...	...	...	...	...
Wells in combination with other sources	31	25,239	1,351	5.4	28	2	10	5	...	...	30	71
Streams and combinations of streams with other sources (except wells)	414	90,735	10,180	11.2	300	9	41	58	3	34	173	299
Streams only	326	71,105	7,001	9.8	228	6	33	43	3	30	91	144
Streams and springs only	48	9,796	1,386	14.1	42	1	3	5	...	3	48	80
Streams and runoff only	13	3,201	433	13.5	12	...	1	3	...	...	12	21
Streams and lakes only	9	2,408	455	18.9	6	1	...	2	...	1	6	12
Streams and drainage ditches only	3	720	197	27.4	1	1	...	1	...	...	2	6
Streams and municipal water only	1	261	20	7.7	1	...	1	...	...	...	...	...
Streams in combination with other sources	14	3,244	688	21.2	10	...	3	4	...	...	14	36
Springs and combinations of springs with other sources (except wells and streams)	281	42,386	4,723	11.1	213	3	14	40	1	15	273	416
Springs only	205	31,423	3,082	9.8	153	2	12	27	1	14	198	287
Springs and runoff only	42	5,872	706	12.0	34	1	1	6	...	1	42	75
Springs and lakes only	11	2,376	477	20.1	8	...	1	2	...	...	11	19
Springs and drainage ditches only	19	2,065	365	17.7	15	...	...	4	...	...	19	30
Springs in combination with other sources	4	650	93	14.3	3	...	...	1	...	...	3	5
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	67	8,734	597	6.8	51	...	4	13	...	1	64	88
Farm runoff only	55	5,449	473	8.7	42	...	3	10	...	1	53	69
Farm runoff and lakes only	4	485	27	5.6	4	...	...	...	...	...	4	6
Farm runoff and drainage ditches only	6	2,290	73	3.2	3	...	1	3	...	...	6	12
Farm runoff and municipal water only	1	450	16	3.6	1	...	...	...	...	...	1	1
Farm runoff in combination with other sources	1	60	8	13.3	1	...	...	...	...	...	...	...
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	96	22,067	1,534	7.0	74	2	7	9	...	8	37	55
Lakes only	93	21,656	1,504	6.9	71	2	7	9	...	8	35	52
Lakes and drainage ditches only	1	275	18	6.5	1	...	...	...	...	...	1	2
Lakes and irrigation organizations only	1	50	2	4.0	1	...	...	...	...	...	...	...
Lakes in combination with other sources	1	86	10	11.6	1	...	...	...	...	...	1	1
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	43	9,909	1,241	12.5	32	...	6	3	...	2	20	23
Drainage ditches only	43	9,909	1,241	12.5	32	...	6	3	...	2	20	23
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	29	4,492	144	3.2	...	...	4	...	22	3	1	1
Municipal water only	29	4,492	144	3.2	...	...	4	...	22	3	1	1
Other sources	4	439	36	8.2	3	...	...	...	1	...	3	4

State Table 5.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960–Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Wisconsin	479	265,040	28,239	10.7	260	44	55	74	57	33	272	610
Wells and combinations of wells with other sources	147	70,156	16,963	24.2	78	30	34	25	...	5	45	94
Wells only	117	45,373	10,922	24.1	52	26	30	19	...	4	22	34
Wells and streams only	7	5,010	1,110	22.2	6	1	1	...	...	...	4	9
Wells and springs only	8	9,187	2,625	28.6	7	1	1	1	...	1	8	25
Wells and runoff only	4	1,017	204	20.1	2	...	1	2	...	...	4	9
Wells and lakes only	2	4,405	860	19.5	2	1	...	...	...	...	1	3
Wells and drainage ditches only	6	2,784	757	27.2	6	1	1	1	...	...	3	10
Wells in combination with other sources	3	2,380	485	20.4	3	...	...	2	...	...	3	4
Streams and combinations of streams with other sources (except wells)	148	96,276	5,224	5.4	65	8	14	15	37	20	85	204
Streams only	103	43,626	2,368	5.4	46	4	11	9	25	14	45	96
Streams and springs only	13	13,209	511	3.9	7	...	1	...	4	2	11	24
Streams and runoff only	9	12,593	409	3.2	3	1	...	1	3	2	9	27
Streams and lakes only	1	693	45	6.5	1	...	...	...	...	...	1	1
Streams and drainage ditches only	10	13,052	664	5.1	...	1	1	3	3	2	8	24
Streams and municipal water only	1	43	43	100.0	1	...	...	...	...	...	1	2
Streams in combination with other sources	11	13,060	1,184	9.1	7	2	1	2	2	...	10	30
Springs and combinations of springs with other sources (except wells and streams)	103	33,692	3,234	9.6	72	3	4	22	5	2	100	197
Springs only	80	23,568	2,577	10.9	58	3	2	13	4	2	77	138
Springs and runoff only	15	4,238	300	7.1	7	...	2	6	...	...	15	43
Springs and lakes only	2	1,075	70	6.5	2	...	...	...	...	...	2	3
Springs and drainage ditches only	6	4,811	287	6.0	5	...	...	3	1	...	6	13
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	16	16,614	446	2.7	4	...	...	5	4	3	14	49
Farm runoff only	12	13,665	245	1.8	3	...	...	3	3	3	10	34
Farm runoff and lakes only	1	200	20	10.0	...	...	...	1	...	...	1	1
Farm runoff and drainage ditches only	2	2,722	171	6.3	...	...	...	1	1	...	2	13
Farm runoff in combination with other sources	1	27	10	37.0	1	...	...	...	...	...	1	1
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	39	29,438	1,332	4.5	30	3	1	6	1	1	7	14
Lakes only	38	29,188	1,292	4.4	29	3	1	6	1	1	6	13
Lakes in combination with other sources	1	250	40	16.0	1	...	...	...	...	...	1	1
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	18	14,512	936	6.4	8	...	...	1	9	...	16	43
Drainage ditches only	18	14,512	936	6.4	8	...	...	1	9	...	16	43
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	3	175	10	5.7	...	...	...	...	1	2	1	2
Municipal water only	3	175	10	5.7	...	...	...	...	1	2	1	2
Other sources	5	4,177	94	2.3	3	...	2	...	...	...	4	7
Minnesota	335	66,093	12,266	18.6	161	21	82	58	7	37	65	85
Wells and combinations of wells with other sources	190	31,833	7,940	24.9	83	16	63	34	...	20	25	32
Wells only	162	24,352	5,300	21.8	68	13	59	23	...	16	12	15
Wells and streams only	14	3,947	1,301	33.0	7	1	...	6	...	3	4	6
Wells and springs only	4	739	255	34.5	2	...	...	4	...	...	4	4
Wells and runoff only	1	200	53	26.5	...	...	1	...	...	...	1	1
Wells and lakes only	3	827	377	45.6	2	1	2	...	...	...	1	1
Wells and drainage ditches only	2	960	95	9.9	1	...	...	1	...	...	2	3
Wells in combination with other sources	4	808	559	69.2	3	1	1	...	...	1	1	2
Streams and combinations of streams with other sources (except wells)	65	19,827	2,706	13.6	43	3	6	10	...	6	5	5
Streams only	58	15,075	2,247	14.9	39	2	5	7	...	6	2	2
Streams and springs only	1	240	34	14.2	...	...	...	1	...	...	1	1
Streams and lakes only	2	3,780	280	7.4	...	1	...	1	...	...	...	...
Streams and drainage ditches only	2	587	120	20.4	2	...	...	...	...	...	2	2
Streams and municipal water only	2	145	25	17.2	2	...	1	1	...	...	...	...
Springs and combinations of springs with other sources (except wells and streams)	19	2,776	222	8.0	12	...	3	3	...	1	16	24
Springs only	17	2,673	208	7.8	10	...	3	3	...	1	14	20
Springs and runoff only	1	23	4	17.4	1	...	...	...	...	...	1	1
Springs in combination with other sources	1	80	10	12.5	1	...	...	...	...	...	1	3
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	9	2,946	279	9.5	6	...	1	1	1	...	8	10
Farm runoff only	7	2,386	149	6.2	5	...	1	1	...	...	7	9
Farm runoff and lakes only	1	240	10	4.2	1	...	...	...	...	...	1	1
Farm runoff and drainage ditches only	1	320	120	37.5	...	...	...	...	1	...	...	...
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	33	6,939	661	9.5	16	2	4	8	...	4	7	10
Lakes only	32	6,699	581	8.7	16	2	4	7	...	4	6	8
Lakes and drainage ditches only	1	240	80	33.3	...	...	...	1	...	...	1	2
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	2	440	43	9.8	1	...	...	2	...	...	1	1
Drainage ditches only	2	440	43	9.8	1	...	...	2	...	...	1	1
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	14	97	41	42.3	...	...	2	...	6	6	1	1
Municipal water only	14	97	41	42.3	...	...	2	...	6	6	1	1
Other sources	3	1,235	374	30.3	...	...	3	...	...	...	2	2

State Table 5.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960–Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Iowa	218	73,722	13,765	18.7	100	16	29	62	9	12	34	70
Wells and combinations of wells with other sources	137	50,565	10,701	21.2	67	10	28	40	...	2	9	27
Wells only	130	48,302	9,793	20.3	64	9	24	39	...	2	5	18
Wells and streams only	2	180	70	38.9	1	...	...	1	...	...	...	...
Wells and springs only	1	210	40	19.0	1	...	1	...	...	...	1	2
Wells and runoff only	1	1,100	580	52.7	...	...	1	...	...	...	1	2
Wells and municipal water only	1	493	168	34.1	...	...	1	...	...	...	...	...
Wells in combination with other sources	2	280	50	17.9	1	1	1	...	...	...	2	5
Streams and combinations of streams with other sources (except wells)	50	15,715	1,982	12.6	21	6	...	19	...	4	11	19
Streams only	46	13,877	1,726	12.4	20	5	...	17	...	4	7	8
Streams and springs only	2	1,228	220	17.9	...	1	...	1	...	...	2	3
Streams and lakes only	2	610	36	5.9	1	...	...	1	...	...	2	8
Springs and combinations of springs with other sources (except wells and streams)	11	3,945	733	18.6	5	...	1	3	...	2	9	11
Springs only	10	3,915	715	18.3	5	...	...	3	...	2	8	10
Springs and runoff only	1	30	18	60.0	...	...	1	...	...	...	1	1
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	5	469	99	21.1	5	...	...	...	...	...	5	13
Farm runoff only	5	469	99	21.1	5	...	...	...	...	...	5	13
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	2	2,488	190	7.6	2	...	...	...	...	...	...	...
Drainage ditches only	2	2,488	190	7.6	2	...	...	...	...	...	...	...
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, and drainage ditches)	13	540	60	11.1	...	...	...	...	9	4	...	...
Municipal water only	13	540	60	11.1	...	...	...	...	9	4	...	...
Missouri	409	158,914	23,512	14.8	210	12	84	36	46	44	105	218
Wells and combinations of wells with other sources	218	112,010	18,379	16.4	129	10	58	17	...	20	33	62
Wells only	196	101,958	16,456	16.1	111	10	49	14	...	20	21	31
Wells and streams only	6	1,577	428	27.1	5	...	1	1	...	...	2	6
Wells and springs only	1	169	36	21.3	...	...	1	...	...	...	1	1
Wells and runoff only	6	1,820	155	8.5	5	...	4	1	...	...	6	10
Wells and lakes only	1	55	30	54.5	1	...	...	...	...	...	...	...
Wells and drainage ditches only	6	3,129	753	24.1	6	...	2	1	...	...	1	4
Wells and municipal water only	1	78	4	5.1	...	...	1	...	...	...	1	5
Wells in combination with other sources	1	3,224	517	16.0	1	...	...	...	...	...	1	5
Streams and combinations of streams with other sources (except wells)	72	27,481	3,062	11.1	46	1	11	11	...	7	19	43
Streams only	58	24,204	2,677	11.1	35	1	9	9	...	7	7	9
Streams and springs only	1	190	40	21.1	1	...	...	...	...	...	1	2
Streams and runoff only	5	975	60	6.2	4	...	...	1	...	...	5	15
Streams and lakes only	5	1,828	123	6.7	4	...	1	1	...	...	5	16
Streams and municipal water only	2	74	62	83.8	1	...	1	...	...	...	...	...
Streams in combination with other sources	1	210	100	47.6	1	...	...	...	...	...	1	1
Springs and combinations of springs with other sources (except wells and streams)	15	5,632	190	3.4	10	...	2	2	1	...	12	17
Springs only	10	5,219	147	2.8	7	...	...	2	1	...	8	11
Springs and runoff only	2	319	23	7.2	2	...	...	...	...	...	2	4
Springs and municipal water only	3	94	20	21.3	1	...	2	...	...	...	2	2
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	31	8,510	742	8.7	17	1	8	4	2	1	31	76
Farm runoff only	28	8,099	673	8.3	14	1	8	4	2	1	28	73
Farm runoff and drainage ditches only	1	60	10	16.7	1	...	...	...	...	...	1	1
Farm runoff and municipal water only	2	351	59	16.8	2	...	...	...	...	...	2	2
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	12	1,471	154	10.5	3	...	5	1	...	3	7	14
Lakes only	8	1,380	114	8.3	3	...	1	1	...	3	3	10
Lakes and municipal water only	4	91	40	44.0	...	...	4	...	...	...	4	4
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	4	1,638	716	43.7	4	...	...	1	...	...	1	3
Drainage ditches only	3	1,607	691	43.0	3	...	...	1	...	...	...	...
Drainage ditches in combination with other sources	1	31	25	80.6	1	...	...	...	...	...	1	3
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	57	2,172	269	12.4	1	...	...	...	43	13	2	3
Municipal water only	56	2,120	239	11.3	...	...	...	...	43	13	1	1
Municipal water in combination with other sources	1	52	30	57.7	1	...	...	...	...	...	1	2

State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Delaware	110	43,660	9,705	22.2	78	16	12	8	...	5	79	143
Wells and combinations of wells with other sources	35	15,991	4,318	27.0	19	10	10	1	...	...	20	34
Wells only	21	3,971	1,588	40.0	6	7	7	1	...	...	6	6
Wells and streams only	5	1,486	675	45.4	5	...	2	...	...	...	5	6
Wells and springs only	6	4,222	1,080	25.6	5	1	1	...	...	...	6	13
Wells and lakes only	2	1,040	450	43.3	2	1	...	...	...	...	2	3
Wells in combination with other sources	1	5,272	525	10.0	1	1	...	...	...	...	1	6
Streams and combinations of streams with other sources (except wells)	41	18,033	3,481	19.3	32	4	...	2	...	5	32	71
Streams only	28	14,193	2,066	14.6	20	4	...	1	...	5	19	42
Streams and springs only	6	2,013	665	33.0	6	...	...	...	...	...	6	17
Streams and runoff only	1	178	88	49.4	1	...	...	...	...	...	1	1
Streams and lakes only	3	686	428	62.4	3	...	...	...	...	...	3	6
Streams in combination with other sources	3	963	234	24.3	2	...	...	1	...	...	3	5
Springs and combinations of springs with other sources (except wells and streams)	22	6,362	1,198	18.8	18	1	1	2	...	...	22	30
Springs only	16	4,774	751	15.7	14	...	1	1	...	...	16	23
Springs and runoff only	5	1,448	407	28.1	4	1	...	...	...	...	5	6
Springs and drainage ditches only	1	140	40	28.6	...	...	...	1	...	...	1	1
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	9	2,799	636	22.7	7	1	...	2	...	...	4	5
Lakes only	9	2,799	636	22.7	7	1	...	2	...	...	4	5
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, and lakes)	3	475	72	15.2	2	...	1	1	...	...	1	3
Drainage ditches only	2	459	62	13.5	1	...	...	1	...	...	1	3
Drainage ditches and municipal water only	1	16	10	62.5	1	...	1	...	...	...	...	...
Maryland	223	76,379	8,051	10.5	149	11	31	23	10	13	160	510
Wells and combinations of wells with other sources	37	21,718	1,309	6.0	20	...	15	4	...	5	22	45
Wells only	20	4,336	252	5.8	4	...	10	1	...	5	7	10
Wells and streams only	7	2,625	315	12.0	7	...	2	1	...	...	5	13
Wells and springs only	1	400	113	28.3	...	...	...	1	...	...	1	1
Wells and runoff only	1	106	20	18.9	1	...	1	...	...	...	1	2
Wells and lakes only	1	145	15	10.3	1	...	1	...	...	...	1	3
Wells in combination with other sources	7	14,106	594	4.2	7	...	1	1	...	...	7	16
Streams and combinations of streams with other sources (except wells)	88	28,043	4,041	14.4	68	6	10	6	...	3	57	295
Streams only	65	17,640	2,322	13.2	49	2	9	4	...	3	35	248
Streams and springs only	11	4,297	909	21.2	10	2	1	...	...	...	10	19
Streams and runoff only	4	1,802	143	7.9	3	...	...	1	...	...	4	8
Streams and lakes only	4	1,876	483	25.7	4	1	...	...	...	...	4	11
Streams and drainage ditches only	1	100	33	33.0	1	...	...	...	...	...	1	3
Streams in combination with other sources	3	2,328	151	6.5	1	1	...	1	...	...	3	6
Springs and combinations of springs with other sources (except wells and streams)	56	13,592	1,406	10.3	38	...	3	10	1	4	51	77
Springs only	40	9,605	980	10.2	27	...	1	7	1	4	35	52
Springs and runoff only	8	2,078	224	10.8	8	...	...	...	...	...	8	14
Springs and lakes only	1	165	18	10.9	1	...	...	...	...	...	1	2
Springs and drainage ditches only	3	934	54	5.8	1	...	...	2	...	...	3	3
Springs and municipal water only	2	35	7	20.0	...	...	2	...	...	...	2	4
Springs in combination with other sources	2	775	123	15.9	1	...	...	1	...	...	2	2
Farm runoff and combinations of runoff and other sources (except wells, streams and springs)	14	6,155	538	8.7	12	1	1	2	...	...	14	63
Farm runoff only	14	6,155	538	8.7	12	1	1	2	...	...	14	63
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	13	4,807	617	12.8	9	3	...	1	...	...	11	21
Lakes only	13	4,807	617	12.8	9	3	...	1	...	...	11	21
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	1	27	2	7.4	1	...	...	...	...	...	1	1
Drainage ditches only	1	27	2	7.4	1	...	...	...	...	...	1	1
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	12	985	71	7.2	...	...	2	...	9	1	2	2
Municipal water only	12	985	71	7.2	...	...	2	...	9	1	2	2
Other sources	2	1,052	67	6.4	1	1	...	...	...	...	2	6
Virginia	1,554	442,085	26,519	6.0	813	78	70	339	9	302	1,184	2,326
Wells and combinations of wells with other sources	48	8,466	1,218	14.4	19	1	29	4	...	2	24	42
Wells only	30	3,099	244	7.9	10	...	17	2	...	2	8	11
Wells and streams only	4	2,070	610	29.5	2	...	3	...	...	...	3	7
Wells and springs only	3	448	175	39.1	1	1	1	...	...	...	3	5
Wells and runoff only	5	1,590	75	4.7	2	...	3	1	...	...	5	10
Wells and lakes only	1	150	30	20.0	1	...	1	...	...	...	1	1
Wells and municipal water only	2	379	8	2.1	...	...	2	...	...	...	1	1
Wells in combination with other sources	3	730	76	10.4	3	...	2	1	...	...	3	7

State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Virginia—Continued												
Streams and combinations of streams with other sources (except wells)	605	251,956	13,881	5.5	321	38	29	117	1	123	366	835
Streams only	419	160,976	7,249	4.5	202	22	22	69	1	114	185	357
Streams and springs only	49	25,533	1,878	7.4	35	2	1	10	...	3	49	129
Streams and runoff only	81	39,443	2,563	6.5	48	7	4	27	...	3	81	200
Streams and lakes only	22	10,214	811	7.9	12	4	...	6	...	2	17	39
Streams and drainage ditches only	2	35	24	68.6	...	1	...	1	...	...	2	4
Streams in combination with other sources	32	15,755	1,356	8.6	24	2	2	4	...	1	32	106
Springs and combinations of springs with other sources (except wells and streams)	344	81,721	4,932	6.0	192	14	4	71	1	70	333	629
Springs only	187	42,240	2,257	5.3	100	8	3	30	1	50	182	321
Springs and runoff only	143	36,240	2,273	6.3	82	4	1	39	...	20	137	283
Springs and lakes only	2	127	8	6.3	...	...	...	2	...	...	2	4
Springs and drainage ditches only	8	2,117	337	15.9	7	1	...	...	...	...	8	12
Springs and municipal water only	1	605	33	5.5	...	1	...	...	...	...	1	4
Springs in combination with other sources	3	392	24	6.1	3	...	...	...	...	...	3	5
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	342	67,258	4,221	6.3	161	15	5	104	...	67	321	568
Farm runoff only	331	65,425	4,045	6.2	155	14	5	100	...	67	311	549
Farm runoff and lakes only	8	1,495	145	9.7	5	...	...	3	...	...	7	14
Farm runoff and drainage ditches only	3	338	31	9.2	1	1	...	1	...	...	3	5
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	204	30,741	2,099	6.8	118	10	3	42	...	39	137	248
Lakes only	203	30,539	2,087	6.8	117	10	3	42	...	39	136	245
Lakes and drainage ditches only	1	202	12	5.9	1	...	...	...	...	...	1	3
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	2	1,495	155	10.4	2	...	...	...	...	...	2	2
Drainage ditches only	2	1,495	155	10.4	2	...	...	...	...	...	2	2
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	8	326	9	2.8	...	...	...	...	7	1	...	...
Municipal water only	8	326	9	2.8	...	...	...	...	7	1	...	...
Other sources	1	122	4	3.3	...	...	...	1	...	...	1	2
West Virginia	21	7,129	358	5.0	13	1	4	...	1	2	7	12
Wells and combinations of wells with other sources	2	268	2	0.7	...	...	2	...	...	...	...	...
Wells only	2	268	2	0.7	...	...	2	...	...	...	...	...
Streams and combinations of streams with other sources (except wells)	13	5,591	327	5.8	8	1	2	...	...	2	3	4
Streams only	12	4,311	249	5.8	8	...	2	...	...	2	2	2
Streams and runoff only	1	1,280	78	6.1	...	1	...	...	...	...	1	2
Farm runoff and combinations of runoff and other sources (except wells and streams)	4	766	10	1.3	4	...	...	...	...	...	4	8
Farm runoff only	4	766	10	1.3	4	...	...	...	...	...	4	8
Lakes and lakes in combination with other sources (except wells, streams, and farm runoff)	1	498	18	3.6	1	...	...	...	...	...	...	...
Lakes only	1	498	18	3.6	1	...	...	...	...	...	...	...
Municipal water and municipal water in combination with other sources (except wells, streams, farm runoff, and lakes)	1	6	1	16.7	...	...	...	...	1	...	...	...
Municipal water only	1	6	1	16.7	...	...	...	...	1	...	...	...
North Carolina	6,255	1,024,823	58,573	5.7	3,076	233	109	1,493	7	1,529	5,098	10,911
Wells and combinations of wells with other sources	250	41,566	3,547	8.5	142	9	45	32	...	47	151	333
Wells only	157	23,185	1,847	8.0	73	5	24	23	...	39	66	129
Wells and streams only	7	849	50	5.9	4	...	3	...	...	1	6	10
Wells and springs only	29	5,341	412	7.7	21	1	6	3	...	4	28	57
Wells and runoff only	19	2,890	227	7.9	12	...	4	3	...	2	19	37
Wells and lakes only	18	3,910	493	12.6	14	1	2	1	...	1	14	47
Wells and drainage ditches only	8	1,579	124	7.9	7	...	3	2	...	...	7	13
Wells in combination with other sources	12	3,812	394	10.3	11	2	3	...	...	...	11	40
Streams and combinations of streams with other sources (except wells)	1,389	308,440	16,123	5.2	752	46	25	295	3	315	884	2,129
Streams only	872	148,482	6,648	4.5	415	20	15	167	3	271	383	682
Streams and springs only	154	55,110	2,581	4.7	96	11	3	32	...	19	154	453
Streams and runoff only	199	53,407	2,924	5.5	132	5	3	54	...	14	198	549
Streams and lakes only	98	20,740	1,144	5.5	69	5	1	21	...	10	84	220
Streams and drainage ditches only	10	2,481	216	8.7	5	1	...	4	...	...	9	24
Streams and municipal water only	1	84	12	14.3	1	...	...	...	...	...	1	2
Streams and irrigation organizations only	1	180	16	8.9	...	...	...	1	...	...	1	3
Streams in combination with other sources	54	27,956	2,582	9.2	34	4	3	16	...	1	54	196
Springs and combinations of springs with other sources (except wells and streams)	1,812	298,488	16,574	5.6	908	63	15	436	...	443	1,763	3,713
Springs only	1,266	177,857	9,895	5.6	606	35	11	291	...	351	1,223	2,263
Springs and runoff only	444	94,521	5,352	5.7	233	22	3	124	...	83	439	1,179
Springs and lakes only	56	10,482	683	6.5	36	4	1	11	...	7	55	140
Springs and drainage ditches only	28	11,760	373	3.2	18	1	...	8	...	2	28	64
Springs in combination with other sources	18	3,868	271	7.0	15	1	...	2	...	...	18	67

State Table 5.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960–Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
North Carolina—Continued												
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	1,486	227,675	11,811	5.2	639	55	9	434	...	386	1,424	2,832
Farm runoff only	1,409	212,825	10,800	5.1	593	49	9	416	...	375	1,349	2,627
Farm runoff and lakes only	50	7,371	520	7.1	28	4	...	13	...	8	48	124
Farm runoff and drainage ditches only	22	6,431	396	6.2	14	2	...	5	...	2	22	69
Farm runoff and municipal water only	4	788	68	8.6	3	...	...	...	...	1	4	9
Farm runoff in combination with other sources	1	260	27	10.4	1	...	...	...	...	...	1	3
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	1,257	141,133	10,057	7.1	600	57	14	285	...	331	831	1,813
Lakes only	1,243	138,693	9,868	7.1	593	57	13	279	...	331	817	1,776
Lakes and drainage ditches only	12	2,349	180	7.7	7	...	...	5	...	...	12	35
Lakes and municipal water only	2	91	9	9.9	...	...	1	1	...	...	2	2
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	50	6,025	415	6.9	32	3	1	8	...	6	41	85
Drainage ditches only	50	6,025	415	6.9	32	3	1	8	...	6	41	85
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	8	1,323	35	2.6	2	...	...	1	4	1	1	2
Municipal water only	8	1,323	35	2.6	2	...	...	1	4	1	1	2
Irrigation districts and irrigation districts in combination with other sources	3	173	11	6.4	1	...	...	2	...	...	3	4
Irrigation organizations only	3	173	11	6.4	1	...	...	2	...	...	3	4
South Carolina	1,051	367,851	21,786	5.9	501	84	64	116	6	323	871	2,063
Wells and combinations of wells with other sources	107	50,633	3,742	7.4	46	6	33	16	1	24	64	169
Wells only	67	29,391	1,920	6.5	21	1	20	9	...	21	27	51
Wells and streams only	6	1,941	169	8.7	4	...	3	1	...	1	5	9
Wells and springs only	11	3,950	286	7.2	5	1	3	4	...	...	11	18
Wells and runoff only	6	1,404	165	11.8	4	...	3	...	...	1	6	23
Wells and lakes only	1	9	2	22.2	...	1	...	1	...	...	1	2
Wells and drainage ditches only	6	5,896	680	11.5	4	1	...	1	1	1	4	15
Wells in combination with other sources	10	8,042	520	6.5	8	2	4	...	...	...	10	51
Streams and combinations of streams with other sources (except wells)	230	146,654	6,929	4.7	103	34	11	12	3	76	147	459
Streams only	152	52,830	2,705	5.1	50	15	9	9	3	71	69	156
Streams and springs only	29	15,727	1,030	6.5	17	10	1	...	...	3	29	88
Streams and runoff only	26	17,728	1,445	8.2	19	3	...	3	...	1	26	75
Streams and lakes only	8	4,258	266	6.2	6	2	...	...	...	...	8	21
Streams in combination with other sources	15	56,111	1,483	2.6	11	4	1	...	...	1	15	119
Springs and combinations of springs with other sources (except wells and streams)	431	109,565	6,515	5.9	214	26	11	62	...	127	428	930
Springs only	344	77,825	4,227	5.4	172	18	6	48	...	104	342	696
Springs and runoff only	70	25,966	1,652	6.4	34	6	3	7	...	22	69	177
Springs and lakes only	4	1,250	80	6.4	1	...	...	3	...	...	4	12
Springs and drainage ditches only	6	1,573	94	6.0	4	2	...	1	...	...	6	10
Springs in combination with other sources	7	2,951	462	15.7	3	...	2	3	...	1	7	35
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	136	27,269	1,300	4.8	59	6	3	17	1	53	133	282
Farm runoff only	132	24,938	1,262	5.1	58	6	2	16	1	52	129	254
Farm runoff and lakes only	3	2,205	32	1.5	1	...	1	...	...	1	3	25
Farm runoff and drainage ditches only	1	126	6	4.8	...	...	...	1	...	...	1	3
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	133	31,900	3,180	10.0	72	12	6	7	...	39	89	202
Lakes only	130	31,768	3,163	10.0	69	12	6	7	...	39	86	195
Lakes and drainage ditches only	1	80	5	6.3	1	...	...	...	...	...	1	2
Lakes and municipal water only	1	22	6	27.3	1	...	...	...	...	...	1	1
Lakes and irrigation organizations only	1	30	6	20.0	1	...	...	...	...	...	1	4
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	13	1,735	118	6.8	7	...	...	2	...	4	9	18
Drainage ditches only	13	1,735	118	6.8	7	...	...	2	...	4	9	18
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	1	95	2	2.1	...	...	...	...	1	...	1	3
Municipal water only	1	95	2	2.1	...	...	...	...	1	...	1	3
Georgia	1,817	803,298	31,792	4.0	965	127	105	306	9	389	1,404	3,406
Wells and combinations of wells with other sources	194	132,851	6,675	5.0	84	20	65	8	...	41	108	307
Wells only	130	60,536	2,036	3.4	41	11	42	6	...	36	46	118
Wells and streams only	9	12,974	666	5.1	6	3	4	...	...	...	9	33
Wells and springs only	14	3,816	247	6.5	9	...	6	...	...	2	13	24
Wells and runoff only	17	8,585	761	8.9	11	3	5	...	...	2	17	33
Wells and lakes only	9	10,114	269	2.7	6	...	1	2	...	1	8	28
Wells and drainage ditches only	1	180	10	5.6	1	...	1	...	...	...	1	4
Wells and municipal water only	2	1,709	326	19.1	1	...	1	...	...	...	2	16
Wells in combination with other sources	12	34,937	2,360	6.8	9	3	5	...	...	...	12	51

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State Table 5.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960–Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Georgia—Continued												
Streams and combinations of streams with other sources (except wells)	402	233,593	11,088	4.7	194	40	15	51	1	123	235	682
Streams only	301	152,664	6,852	4.5	131	31	11	36	...	109	138	363
Streams and springs only	29	17,698	874	4.9	15	...	2	6	...	7	28	73
Streams and runoff only	41	37,076	1,758	4.7	29	4	...	5	...	4	40	141
Streams and lakes only	21	22,618	1,437	6.4	12	5	1	3	...	3	20	79
Streams and drainage ditches only	2	1,054	28	2.7	1	...	...	1	...	...	1	2
Streams and municipal water only	3	500	24	4.8	1	...	1	...	1	...	3	6
Streams in combination with other sources	5	1,983	115	5.8	5	...	...	...	...	...	5	18
Springs and combinations of springs with other sources (except wells and streams)	307	129,967	3,271	2.5	169	17	9	61	1	60	293	665
Springs only	227	92,809	2,266	2.4	118	16	8	43	...	50	216	447
Springs and runoff only	71	32,425	897	2.8	47	1	1	12	1	10	68	188
Springs and lakes only	5	2,119	35	1.7	2	...	...	3	...	...	5	16
Springs and drainage ditches only	1	230	10	4.3	...	...	...	1	...	...	1	2
Springs and municipal water only	1	1,400	48	3.4	1	...	...	1	...	...	1	7
Springs in combination with other sources	2	984	15	1.5	1	...	...	1	...	...	2	5
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	430	156,758	4,663	3.0	243	23	6	89	...	84	414	922
Farm runoff only	417	152,399	4,281	2.8	232	23	6	87	...	84	401	889
Farm runoff and lakes only	9	2,427	176	7.3	9	...	...	...	...	...	9	19
Farm runoff and drainage ditches only	3	962	21	2.2	1	...	...	2	...	...	3	5
Farm runoff and municipal water only	1	970	185	19.1	1	...	...	...	...	...	1	9
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	469	146,843	5,945	4.0	270	27	10	96	...	79	350	814
Lakes only	467	146,695	5,926	4.0	269	27	9	96	...	79	348	810
Lakes and drainage ditches only	1	98	16	16.3	1	...	...	...	...	...	1	2
Lakes and municipal water only	1	50	3	6.0	...	...	1	...	...	...	1	2
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	4	709	39	5.5	3	...	...	1	...	...	2	3
Drainage ditches only	4	709	39	5.5	3	...	...	1	...	...	2	3
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	10	2,505	108	4.3	1	...	...	...	7	2	2	13
Municipal water only	10	2,505	108	4.3	1	...	...	...	7	2	2	13
Other sources	1	72	3	4.2	1	...	...	...	...	...	...	...
Florida	3,155	2,307,129	413,716	17.9	1,411	328	762	137	316	530	658	1,624
Wells and combinations of wells with other sources	2,337	1,606,665	280,155	17.4	1,001	192	628	96	279	408	338	1,053
Wells only	1,979	877,314	145,171	16.5	775	132	526	54	264	388	185	654
Wells and streams only	25	62,314	16,568	26.6	13	4	6	4	1	1	12	37
Wells and springs only	45	22,574	3,727	16.5	29	3	13	5	2	3	44	107
Wells and runoff only	12	47,682	2,190	4.6	9	2	4	...	...	...	11	18
Wells and lakes only	123	123,669	25,226	20.4	88	25	35	13	3	8	30	69
Wells and drainage ditches only	96	201,719	32,820	16.3	50	18	20	15	9	7	25	95
Wells and municipal water only	9	157	121	77.1	1	2	6	1	...	...	1	1
Wells and irrigation organizations only	9	2,707	2,094	77.4	5	1	7	...	...	...	2	4
Wells in combination with other sources	39	268,529	52,238	19.5	31	5	11	4	...	1	28	68
Streams and combinations of streams with other sources (except wells)	172	120,597	12,550	10.4	97	16	41	9	...	25	84	160
Streams only	142	102,488	8,383	8.2	76	12	33	5	...	23	61	99
Streams and springs only	13	5,971	476	8.0	11	...	4	2	...	...	13	34
Streams and runoff only	3	661	85	12.9	...	...	2	...	...	1	2	3
Streams and lakes only	6	3,302	326	9.9	5	1	1	1	...	...	2	6
Streams and drainage ditches only	3	3,145	3,015	95.9	1	2	...	1	...	1	1	2
Streams in combination with other sources	5	5,030	265	5.3	4	1	1	...	...	...	5	16
Springs and combinations of springs with other sources (except wells and streams)	154	119,092	6,077	5.1	87	3	34	6	3	29	148	235
Springs only	126	53,482	2,450	4.6	71	1	27	6	2	27	121	193
Springs and runoff only	13	4,296	279	6.5	5	...	6	...	...	2	13	20
Springs and lakes only	6	56,920	2,488	4.4	5	1	...	...	...	...	6	9
Springs and drainage ditches only	6	4,355	833	19.1	5	1	...	...	...	...	5	10
Springs and municipal water only	2	23	17	73.9	...	...	1	...	1	...	2	2
Springs in combination with other sources	1	16	10	62.5	1	...	...	...	...	...	1	1
Farm runoff and combinations of runoff with other sources (except wells, streams, and springs)	12	22,155	699	3.2	10	...	2	...	...	...	11	27
Farm runoff only	9	3,106	155	5.0	7	...	2	...	...	...	8	11
Farm runoff and lakes only	2	19,045	540	2.8	2	...	...	...	...	...	2	15
Farm runoff and drainage ditches only	1	4	4	100.0	1	...	...	...	...	...	1	1
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	264	270,712	38,643	14.3	131	44	38	9	6	47	53	88
Lakes only	259	257,248	34,819	13.5	129	43	37	8	5	46	53	88
Lakes and drainage ditches only	2	6,782	650	9.6	1	...	...	1	1	...	...	...
Lakes and municipal water only	2	22	14	63.6	...	...	1	...	...	1	...	...
Lakes and irrigation organizations only	1	6,660	3,160	47.4	1	1	...	...	...	...	...	...
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	131	135,171	59,812	44.2	49	58	13	11	6	12	16	37
Drainage ditches only	122	132,867	57,815	43.5	44	55	11	11	6	12	13	34
Drainage ditches and municipal water only	2	32	6	18.8	...	...	2	...	...	...	1	1
Drainage ditches and irrigation organizations only	7	2,272	1,991	87.6	5	3	...	...	...	...	2	2

State Table 5.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960–Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Florida—Continued												
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	22	1,530	378	24.7	1	...	...	...	16	5	1	5
Municipal water only	22	1,530	378	24.7	1	...	...	...	16	5	1	5
Irrigation districts and irrigation districts in combination with other sources	59	20,803	14,729	70.8	33	14	5	6	6	4	5	15
Irrigation organizations only	59	20,803	14,729	70.8	33	14	5	6	6	4	5	15
Other sources	4	10,404	673	6.5	2	1	1	...	...	...	2	4
Kentucky	724	253,065	6,477	2.6	350	11	49	205	12	113	394	1,022
Wells and combinations of wells with other sources	46	8,870	472	5.3	14	...	25	4	...	5	11	22
Wells only	37	6,260	385	6.2	8	...	22	2	...	5	4	6
Wells and streams only	3	1,020	42	4.1	2	...	1	...	...	...	1	1
Wells and springs only	1	222	2	0.9	...	...	...	1	...	...	1	1
Wells and runoff only	2	216	12	5.6	2	...	1	...	...	...	2	9
Wells and lakes only	1	286	2	0.7	...	...	...	1	...	...	1	3
Wells in combination with other sources	2	866	29	3.3	2	...	1	...	...	...	2	2
Streams and combinations of streams with other sources (except wells)	351	134,292	3,151	2.3	181	3	9	100	...	61	122	307
Streams only	289	94,598	2,216	2.3	143	2	8	79	...	59	63	130
Streams and springs only	3	1,236	53	4.3	2	...	...	1	...	...	3	7
Streams and runoff only	30	14,570	386	2.6	17	1	...	12	...	1	30	77
Streams and lakes only	27	23,278	480	2.1	17	...	1	8	...	1	24	81
Streams in combination with other sources	2	610	16	2.6	2	...	...	...	...	...	2	12
Springs and combinations of springs with other sources (except wells and streams)	41	17,420	647	3.7	19	1	2	15	...	5	36	118
Springs only	20	6,002	104	1.7	9	...	2	10	...	...	16	48
Springs and runoff only	20	10,873	516	4.7	9	1	...	5	...	5	19	68
Springs and drainage ditches only	1	545	27	5.0	1	...	...	...	...	...	1	2
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	135	44,482	1,117	2.5	72	4	8	41	...	14	128	331
Farms runoff only	132	43,877	1,097	2.5	71	4	7	40	...	14	125	325
Farm runoff and lakes only	2	585	12	2.1	1	...	...	1	...	...	2	4
Farm runoff and municipal water only	1	20	8	40.0	...	...	1	...	...	...	1	2
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	135	38,973	696	1.8	63	2	5	45	...	26	93	236
Lakes only	133	38,773	664	1.7	61	2	5	45	...	26	92	224
Lakes and drainage ditches only	1	20	20	100.0	1	...	...	...	...	...	...	...
Lakes and municipal water only	1	180	12	6.7	1	...	...	...	...	...	1	12
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, and lakes)	14	6,724	106	1.6	...	...	...	...	12	2	2	5
Municipal water only	14	6,724	106	1.6	...	...	...	...	12	2	2	5
Other sources	2	2,304	288	12.5	1	1	...	...	...	...	2	3
Tennessee	583	173,588	9,582	5.5	284	26	57	148	6	92	229	648
Wells and combinations of wells with other sources	42	25,120	2,550	10.2	19	3	23	3	...	2	21	59
Wells only	29	16,719	1,795	10.7	11	3	15	1	...	2	9	25
Wells and springs only	1	225	50	22.2	...	...	1	...	...	...	1	1
Wells and runoff only	3	2,462	36	1.5	3	...	2	...	...	...	3	7
Wells and lakes only	4	1,366	68	5.0	3	...	1	1	...	...	4	8
Wells and drainage ditches only	1	2,600	200	7.7	1	...	1	...	...	...	1	6
Wells and municipal water only	2	23	8	34.8	...	...	2	...	...	...	1	2
Wells in combination with other sources	2	1,725	393	22.8	1	...	1	1	...	...	2	10
Streams and combinations of streams with other sources (except wells)	399	108,317	6,027	5.6	193	19	26	99	2	74	97	283
Streams only	358	90,809	4,501	5.0	169	17	23	87	2	71	62	135
Streams and springs only	10	2,486	231	9.3	6	1	1	2	...	1	8	68
Streams and runoff only	17	7,795	584	7.5	13	1	2	3	...	...	17	58
Streams and lakes only	12	4,077	575	14.1	4	...	...	7	...	1	10	22
Streams and drainage ditches only	1	1,250	106	8.5	...	...	...	...	...	1	...	...
Streams and municipal water only	1	1,900	30	1.6	1	...	...	...	...	...	...	...
Springs and combinations of springs with other sources (except wells and streams)	41	11,828	418	3.5	21	2	4	8	2	6	27	83
Springs only	36	6,743	276	4.1	17	...	4	8	2	6	22	53
Springs and runoff only	5	5,085	142	2.8	4	2	...	...	...	...	5	30
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	57	19,995	399	2.0	27	2	2	21	...	8	50	145
Farm runoff only	57	19,995	399	2.0	27	2	2	21	...	8	50	145
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	40	7,893	177	2.2	22	...	1	17	...	1	32	75
Lakes only	40	7,893	177	2.2	22	...	1	17	...	1	32	75
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	1	58	3	5.2	1	...	...	...	...	...	...	...
Drainage ditches only	1	58	3	5.2	1	...	...	...	...	...	...	...
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	2	352	7	2.0	...	...	...	...	2	...	1	2
Municipal water only	2	352	7	2.0	...	...	...	...	2	...	1	2
Other sources	1	25	1	4.0	1	...	1	...	...	1	1	1

State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Alabama	232	189,199	13,842	7.3	102	22	76	21	5	27	115	254
Wells and combinations of wells with other sources	79	36,056	3,644	10.1	20	2	54	5	...	7	33	72
Wells only	57	22,664	2,040	9.0	7	1	42	3	...	7	14	24
Wells and streams only	6	5,623	581	10.3	5	...	4	1	...	...	4	8
Wells and springs only	3	457	75	16.4	...	...	2	1	...	...	3	7
Wells and runoff only	6	4,392	518	11.8	2	1	3	...	...	...	6	17
Wells and drainage ditches only	1	1,000	100	10.0	1	...	...	...	...	...	1	6
Wells and municipal water only	2	705	40	5.7	2	...	1	...	...	...	1	1
Wells in combination with other sources	4	1,215	290	23.9	3	...	2	...	...	...	4	9
Streams and combinations of streams with other sources (except wells)	104	112,743	8,213	7.3	58	14	17	8	...	15	39	81
Streams only	84	93,168	6,711	7.2	45	10	11	6	...	15	20	37
Streams and springs only	9	6,025	577	9.6	5	2	2	2	...	...	9	22
Streams and runoff only	8	9,635	507	5.3	6	1	2	...	...	...	8	19
Streams and lakes only	1	3,430	328	9.6	...	1	1	...	...	...	...	...
Streams in combination with other sources	2	485	90	18.6	2	...	1	...	...	...	2	3
Springs and combinations of springs with other sources (except wells and streams)	24	14,533	1,044	7.2	13	4	3	1	1	2	24	43
Springs only	18	8,148	863	10.6	9	3	3	...	1	2	18	33
Springs and runoff only	5	6,348	175	2.8	3	1	...	1	...	...	5	9
Springs and lakes only	1	37	6	16.2	1	...	...	...	...	...	1	1
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	11	14,969	608	4.1	6	2	1	2	...	1	11	21
Farm runoff only	11	14,969	608	4.1	6	2	1	2	...	1	11	21
Farm runoff and lakes only	...	...	...	...	...	...	...	...	...	...	...	...
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	8	6,941	287	4.1	4	...	1	4	...	1	7	32
Lakes only	8	6,941	287	4.1	4	...	1	4	...	1	7	32
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	2	3,798	37	1.0	1	...	...	1	...	1	1	5
Drainage ditches only	2	3,798	37	1.0	1	...	...	1	...	1	1	5
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	4	159	9	5.7	...	...	...	...	4	...	...	...
Municipal water only	4	159	9	5.7	...	...	...	...	4	...	...	...
Mississippi	651	803,393	135,400	16.9	348	51	184	83	6	98	154	431
Wells and combinations of wells with other sources	440	577,535	112,188	19.4	244	36	159	49	2	50	98	241
Wells only	302	322,974	58,837	18.2	148	19	109	25	2	46	46	150
Wells and streams only	74	144,086	34,198	23.7	52	11	29	11	...	1	18	37
Wells and springs only	5	5,426	1,568	28.9	4	...	1	...	...	...	4	8
Wells and runoff only	13	5,261	1,004	19.1	7	1	5	1	...	3	13	16
Wells and lakes only	17	49,165	7,202	14.6	14	1	3	5	...	...	4	6
Wells and drainage ditches only	15	19,404	4,299	22.2	9	2	9	2	...	...	4	8
Wells and municipal water only	2	1,724	842	48.8	1	...	...	1	...	...	1	1
Wells in combination with other sources	12	29,495	4,238	14.4	9	2	3	4	...	...	8	15
Streams and combinations of streams with other sources (except wells)	137	182,234	17,672	9.7	64	8	22	22	1	33	24	102
Streams only	119	104,514	14,374	13.8	51	5	21	17	1	33	11	28
Streams and runoff only	6	30,021	283	0.9	5	...	...	1	...	...	6	25
Streams and lakes only	8	13,742	1,901	13.8	5	2	...	4	...	...	4	10
Streams and drainage ditches only	2	2,463	479	19.4	1	...	1	...	...	...	1	1
Streams in combination with other sources	2	31,494	635	2.0	2	1	...	...	...	...	2	38
Springs and combinations of springs with other sources (except wells and streams)	6	2,616	19	0.7	4	...	1	...	...	1	6	13
Springs only	2	551	5	0.9	2	...	...	...	...	...	2	3
Springs and runoff only	3	351	12	3.4	2	...	...	...	...	1	3	5
Springs and lakes only	1	1,714	2	0.1	...	...	1	...	...	...	1	5
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	17	9,137	600	6.6	13	1	...	1	1	2	17	57
Farm runoff only	17	9,137	600	6.6	13	1	...	1	1	2	17	57
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	41	28,982	4,517	15.6	18	6	...	11	...	10	8	15
Lakes only	41	28,982	4,517	15.6	18	6	...	11	...	10	8	15
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	7	2,884	401	13.9	5	...	2	...	...	1	1	3
Drainage ditches only	7	2,884	401	13.9	5	...	2	...	...	1	1	3
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	3	5	3	60.0	...	...	...	...	2	1	...	...
Municipal water only	3	5	3	60.0	...	...	...	...	2	1	...	...

State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Arkansas	4,922	2,816,474	836,556	29.7	2,565	294	1,741	801	25	607	1,136	2,658
Wells and combinations of wells with other sources	4,394	2,558,414	770,778	30.1	2,302	280	1,651	645	13	546	906	2,115
Wells only	3,760	1,863,916	555,736	29.8	1,852	223	1,340	468	13	523	527	1,058
Wells and streams only	238	279,169	70,932	25.4	172	21	102	84	...	10	83	251
Wells and springs only	3	1,475	260	17.6	2	...	1	1	...	...	3	5
Wells and runoff only	139	114,430	47,237	41.3	89	12	83	25	...	6	136	254
Wells and lakes only	60	84,960	17,223	20.3	50	8	18	18	...	1	34	251
Wells and drainage ditches only	97	67,157	23,584	35.1	65	9	45	26	...	4	42	70
Wells and irrigation organizations only	9	4,120	2,567	62.3	4	1	8	2	...	...	3	3
Wells in combination with other sources	88	143,187	53,239	37.2	68	6	54	21	...	2	78	223
Streams and combinations of streams with other sources (except wells)	316	165,267	36,698	22.2	175	9	48	100	2	31	88	200
Streams only	273	138,268	29,340	21.2	145	8	35	91	2	30	52	100
Streams and springs only	5	2,703	408	15.1	3	...	...	2	...	1	4	23
Streams and runoff only	20	15,663	4,593	29.3	13	...	9	3	...	...	20	51
Streams and lakes only	7	3,052	991	32.5	5	1	2	...	...	...	5	11
Streams and drainage ditches only	4	1,796	222	12.4	3	...	...	2	...	...	2	2
Streams and municipal water only	2	841	204	24.3	2	...	1	...	...	...	1	2
Streams in combination with other sources	5	2,944	940	31.9	4	...	1	2	...	...	4	11
Springs and combinations of springs with other sources (except wells and streams)	33	11,083	2,737	24.7	14	...	5	3	1	11	32	57
Springs only	27	9,129	2,474	27.1	11	...	4	1	1	10	26	36
Springs and runoff only	5	1,074	53	4.9	2	...	...	2	...	1	5	18
Springs in combination with other sources	1	880	210	23.9	1	...	1	...	...	...	1	3
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs)	85	47,394	15,759	33.3	40	2	25	14	2	13	83	241
Farm runoff only	72	34,512	10,545	30.6	32	2	17	13	2	13	70	206
Farm runoff and lakes only	1	960	550	57.3	...	...	1	...	...	...	1	3
Farm runoff and drainage ditches only	12	11,922	4,664	39.1	8	...	7	1	...	...	12	32
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff)	40	13,641	3,028	22.2	16	...	2	19	1	4	12	19
Lakes only	40	13,641	3,028	22.2	16	...	2	19	1	4	12	19
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes)	45	12,710	3,749	29.5	18	3	5	20	2	2	13	24
Drainage ditches only	45	12,710	3,749	29.5	18	3	5	20	2	2	13	24
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches)	1	360	3	0.8	...	...	...	...	1	...	...	...
Municipal water only	1	360	3	0.8	...	...	...	...	1	...	...	...
Irrigation districts and irrigation districts in combination with other sources	8	7,605	3,804	50.0	...	...	5	...	3	...	2	2
Irrigation organizations only	8	7,605	3,804	50.0	...	...	5	...	3	...	2	2

State Table 6.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY METHOD OF IRRIGATION, BY STATES: 1960

State and method of irrigation	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Total, 30 States	29,777	11,083,788	1,865,178	16.8	15,480	1,727	4,822	4,360	985	5,044	15,252	32,948
Sprinklers and combinations of sprinklers with other methods	21,729	6,636,050	724,116	10.9	12,248	1,246	2,160	3,510	311	3,688	13,319	28,481
Sprinklers only	20,400	5,470,764	505,295	9.2	11,366	1,162	1,655	3,318	283	3,644	12,759	26,973
Sprinklers and fixed overhead pipes only	554	296,927	26,829	9.0	317	23	300	22	18	24	276	766
Sprinklers and furrows only	344	365,501	68,144	18.6	246	29	74	85	2	14	108	283
Sprinklers and flooding only	257	249,249	55,040	22.1	200	13	65	50	5	4	98	224
Sprinklers and subirrigation only	35	40,964	12,366	30.2	22	6	10	...	2	1	12	35
Sprinklers in combination with other methods	139	212,645	56,442	26.5	97	13	56	35	1	1	66	200
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	1,224	148,345	20,444	13.8	301	36	646	57	133	123	393	759
Overhead pipes only	1,183	133,955	16,324	12.2	285	31	621	52	132	122	383	745
Overhead pipes and furrows only	16	4,590	1,955	42.6	8	2	10	2	1	...	3	5
Overhead pipes and flooding only	13	6,146	1,496	24.4	4	1	8	3	...	...	5	8
Overhead pipes and subirrigation only	9	2,534	499	19.7	3	...	7	...	...	...	1	...
Overhead pipes in combination with other methods	3	1,120	170	15.2	1	2	...	...	...	1	1	1
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	2,971	1,964,695	500,228	25.5	1,328	189	722	460	326	442	647	1,575
Furrows only	2,231	1,382,389	293,982	21.3	897	125	394	342	304	406	417	981
Furrows and flooding only	707	557,356	196,172	35.2	414	61	321	116	11	35	218	566
Furrows and subirrigation only	29	13,776	7,561	54.9	14	2	6	1	10	1	10	25
Furrows in combination with other methods	4	11,174	2,513	22.5	3	1	1	1	1	...	2	3
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	3,440	1,895,300	508,090	26.8	1,491	208	1,222	313	142	671	827	1,979
Flooding only	3,432	1,891,676	506,355	26.8	1,488	207	1,219	311	142	670	825	1,977
Flooding and subirrigation only	6	2,525	1,304	51.6	2	1	1	2	...	1	2	2
Flooding in combination with other methods	2	1,099	431	39.2	1	...	2	...	...	...	...	...
Subirrigation and combinations of subirrigation with other methods (except sprinklers, fixed overhead pipes, furrows, and flooding)	354	422,049	110,733	26.2	94	47	55	16	57	115	48	126
Subirrigation only	354	422,049	110,733	26.2	94	47	55	16	57	115	48	126
Other methods only	59	17,349	1,567	9.0	18	1	17	4	16	5	18	28
Maine	104	23,989	2,438	10.2	76	3	6	9	9	6	81	172
Sprinklers and combinations of sprinklers with other methods	98	23,562	2,409	10.2	73	3	6	9	6	6	77	164
Sprinklers only	95	23,382	2,373	10.1	71	3	6	8	6	6	74	161
Sprinklers and fixed overhead pipes only	1	60	10	16.7	1	...	...	...	...	...	1	1
Sprinklers and furrows only	1	70	10	14.3	...	...	...	1	...	...	1	1
Sprinklers in combination with other methods	1	50	16	32.0	1	...	...	...	...	...	1	1
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	1	125	10	8.0	1	...	...	...	...	...	1	4
Overhead pipes only	1	125	10	8.0	1	...	...	...	...	...	1	4
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	3	190	15	7.9	1	...	...	...	2	...	2	2
Furrows only	3	190	15	7.9	1	...	...	...	2	...	2	2
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	1	106	3	2.8	1	...	...	...	...	...	1	2
Flooding only	1	106	3	2.8	1	...	...	...	...	...	1	2
Other methods only	1	6	1	16.7	...	...	...	...	1	...	...	...
New Hampshire	70	10,811	1,129	10.4	46	2	11	3	8	4	41	72
Sprinklers and combinations of sprinklers with other methods	64	10,324	1,110	10.8	44	2	10	3	6	3	39	70
Sprinklers only	64	10,324	1,110	10.8	44	2	10	3	6	3	39	70
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	6	487	19	3.9	2	...	1	...	2	1	2	2
Overhead pipes only	6	487	19	3.9	2	...	1	...	2	1	2	2
Vermont	13	5,331	598	11.2	7	2	...	1	3	2	7	12
Sprinklers and combinations of sprinklers with other methods	10	4,686	456	9.7	7	2	...	1	...	2	6	10
Sprinklers only	10	4,686	456	9.7	7	2	...	1	...	2	6	10
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	1	145	30	20.7	...	...	...	...	1	...	...	...
Overhead pipes only	1	145	30	20.7	...	...	...	...	1	...	...	...
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	2	500	112	22.4	...	...	...	...	2	...	1	2
Furrows only	1	300	12	4.0	...	...	...	...	1	...	...	...
Furrows and flooding only	...	...	...	...	...	...	...	...	...	...	...	...
Furrows and subirrigation only	1	200	100	50.0	...	...	...	...	1	...	1	2

State Table 6.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY METHOD OF IRRIGATION, BY STATES: 1960–Continued

State and method of irrigation	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Massachusetts	958	114,198	17,841	15.6	410	8	84	20	160	332	408	865
Sprinklers and combinations of sprinklers with other methods	341	48,436	9,106	18.8	217	8	33	15	49	41	211	399
Sprinklers only	296	31,524	6,091	19.3	182	7	25	14	44	39	180	308
Sprinklers and fixed overhead pipes only	14	927	493	53.2	7	...	3	1	4	2	7	14
Sprinklers and furrows only	9	1,166	363	31.1	7	1	3	...	...	...	5	8
Sprinklers and flooding only	17	4,265	473	11.1	16	...	1	...	1	...	14	30
Sprinklers in combination with other methods	5	10,554	1,686	16.0	5	...	1	...	...	...	5	39
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	17	378	120	31.7	4	...	4	...	7	3	3	3
Overhead pipes only	16	364	110	30.2	3	...	3	...	7	3	3	3
Overhead pipes and furrows only	1	14	10	71.4	1	...	1	...	...	...	...	...
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	123	29,692	2,843	9.6	66	...	18	3	44	7	77	212
Furrows only	98	12,264	1,774	14.5	49	...	13	2	37	7	62	142
Furrows and flooding only	25	17,428	1,069	6.1	17	...	5	1	7	...	15	70
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	474	35,647	5,767	16.2	123	...	29	2	58	280	117	251
Flooding only	473	35,638	5,759	16.2	123	...	28	2	58	280	117	251
Flooding in combination with other methods	1	9	8	88.9	...	...	1	...	...	...	...	...
Other methods only	3	45	5	11.1	...	...	...	...	2	1	...	...
Rhode Island	26	4,066	305	7.5	15	...	4	3	4	1	16	22
Sprinklers and combinations of sprinklers with other methods	25	4,063	302	7.4	15	...	4	3	3	1	16	22
Sprinklers only	22	3,942	252	6.4	13	...	4	2	2	1	15	21
Sprinklers and flooding only	2	116	46	39.7	2	...	...	1	...	...	1	1
Sprinklers in combination with other methods	1	5	4	80.0	...	...	...	...	1	...	...	...
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	1	3	3	100.0	...	...	...	...	1	...	...	...
Overhead pipes only	1	3	3	100.0	...	...	...	...	1	...	...	...
Connecticut	173	28,181	4,393	15.6	118	3	24	7	7	22	117	241
Sprinklers and combinations of sprinklers with other methods	161	25,454	4,085	16.0	109	3	21	7	7	22	108	223
Sprinklers only	156	21,879	3,158	14.4	105	3	21	6	6	22	103	197
Sprinklers and fixed overhead pipes only	5	3,575	927	25.9	4	...	...	1	1	...	5	26
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	11	2,722	307	11.3	9	...	2	...	...	...	8	17
Overhead pipes only	11	2,722	307	11.3	9	...	2	...	...	...	8	17
Subirrigation and combinations of subirrigation with other methods (except sprinklers and fixed overhead pipes)	1	5	1	20.0	...	...	1	...	...	...	1	1
Subirrigation only	1	5	1	20.0	...	...	1	...	...	...	1	1
New York	1,217	186,735	50,541	27.1	694	183	172	40	86	145	428	827
Sprinklers and combinations of sprinklers with other methods	1,152	183,648	49,768	27.1	683	182	153	39	64	133	412	797
Sprinklers only	1,103	173,063	48,458	28.0	660	181	124	38	61	130	392	742
Sprinklers and fixed overhead pipes only	39	9,334	1,127	12.1	16	1	25	...	3	3	17	51
Sprinklers and furrows only	4	442	56	12.7	3	...	1	1	...	...	1	1
Sprinklers and flooding only	1	160	20	12.5	1	...	...	...	...	...	...	...
Sprinklers and subirrigation only	4	644	102	15.8	3	...	2	...	...	...	2	3
Sprinklers in combination with other methods	1	5	5	100.0	...	...	1	...	...	...	...	...
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	50	2,063	656	31.8	7	1	18	1	15	9	9	18
Overhead pipes only	50	2,063	656	31.8	7	1	18	1	15	9	9	18
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	4	462	15	3.2	1	...	...	...	2	1	3	5
Furrows only	4	462	15	3.2	1	...	...	...	2	1	3	5
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	2	260	7	2.7	...	...	...	...	2	...	2	5
Flooding only	2	260	7	2.7	...	...	...	...	2	...	2	5
Subirrigation and combinations of subirrigation with other methods (except sprinklers, fixed overhead pipes, furrows, and flooding)	3	277	89	32.1	3	...	...	...	...	...	1	1
Subirrigation only	3	277	89	32.1	3	...	...	...	...	...	1	1
Other methods only	6	25	6	24.0	...	...	1	...	3	2	1	1

State Table 6.--FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY METHOD OF IRRIGATION, BY STATES: 1960--Continued

State and method of irrigation	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
New Jersey	1,632	244,249	69,301	28.4	1,114	61	275	67	65	180	828	1,538
Sprinklers and combinations of sprinklers with other methods	1,440	199,585	64,691	32.4	1,074	60	221	66	36	107	795	1,438
Sprinklers only	1,293	175,320	56,921	32.5	970	59	157	63	33	103	728	1,218
Sprinklers and fixed overhead pipes only	124	14,291	6,219	43.5	85	1	62	3	1	3	51	173
Sprinklers and furrows only	9	4,248	328	7.7	8	...	1	...	...	1	7	20
Sprinklers and flooding only	10	1,454	504	34.7	7	...	1	...	2	...	5	10
Sprinklers and subirrigation only	1	22	14	63.6	1	...	...	...	...	...	1	1
Sprinklers in combination with other methods	3	4,250	705	16.6	3	...	...	...	...	...	3	16
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	104	4,393	835	19.0	35	1	52	1	18	3	24	32
Overhead pipes only	103	4,363	820	18.8	35	1	51	1	18	3	24	32
Overhead pipes and furrows only	1	30	15	50.0	...	...	1	...	...	...	...	...
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	7	1,917	200	10.4	2	...	...	...	3	2	2	46
Furrows only	6	1,866	149	8.0	2	...	...	...	2	2	1	45
Furrows and flooding only	1	51	51	100.0	...	...	...	...	1	...	1	1
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	75	38,322	3,567	9.3	1	...	...	...	6	68	6	21
Flooding only	75	38,322	3,567	9.3	1	...	...	...	6	68	6	21
Subirrigation and combinations of subirrigation with other methods (except sprinklers, fixed overhead pipes, furrows, and flooding)	1	10	1	10.0	1	...	...	...	...	...	1	1
Subirrigation only	1	10	1	10.0	1	...	...	...	...	...	1	1
Other methods only	5	22	7	31.8	1	...	2	...	2	...	...	...
Pennsylvania	449	117,100	7,570	6.5	243	15	116	41	25	38	246	397
Sprinklers and combinations of sprinklers with other methods	399	110,923	7,290	6.6	238	15	87	40	15	32	229	375
Sprinklers only	371	96,984	6,802	7.0	225	14	70	39	13	31	217	350
Sprinklers and fixed overhead pipes only	21	13,247	387	2.9	10	1	12	1	2	...	10	19
Sprinklers and flooding only	2	190	37	19.5	1	...	1	...	...	...	1	5
Sprinklers and subirrigation only	1	239	2	0.8	...	...	...	...	...	1	...	...
Sprinklers in combination with other methods	4	263	62	23.6	2	...	4	...	...	...	1	1
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	41	5,680	168	3.0	4	...	25	...	7	6	13	17
Overhead pipes only	41	5,680	168	3.0	4	...	25	...	7	6	13	17
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	5	461	107	23.2	1	...	1	1	2	...	3	4
Furrows only	5	461	107	23.2	1	...	1	1	2	...	3	4
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	2	23	2	8.7	...	...	2	...	...	...	...	...
Flooding only	2	23	2	8.7	...	...	2	...	...	...	...	...
Subirrigation and combinations of subirrigation with other methods (except sprinklers, fixed overhead pipes, furrows, and flooding)	1	6	2	33.3	...	...	1	...	...	...	1	1
Subirrigation only	1	6	2	33.3	...	...	1	...	...	...	1	1
Other methods only	1	7	1	14.3	...	...	...	...	1	...	...	...
Ohio	450	62,579	9,153	14.6	192	6	176	26	40	39	211	324
Sprinklers and combinations of sprinklers with other methods	332	56,271	8,532	15.2	180	5	99	24	18	32	156	256
Sprinklers only	293	49,401	7,146	14.5	159	5	77	24	15	32	135	213
Sprinklers and fixed overhead pipes only	33	5,730	1,198	20.9	18	...	20	...	2	...	18	35
Sprinklers and flooding only	2	245	68	27.8	2	...	...	...	...	...	1	2
Sprinklers and subirrigation only	3	647	115	17.8	1	...	1	...	1	...	2	6
Sprinklers in combination with other methods	1	248	5	2.0	...	...	1	...	...	...	...	...
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	110	5,651	589	10.4	10	1	75	...	21	6	50	61
Overhead pipes only	108	5,190	437	8.4	10	1	74	...	20	6	48	59
Overhead pipes and furrows only	1	11	2	18.2	...	...	...	...	1	...	1	1
Overhead pipes and subirrigation only	1	450	150	33.3	...	...	1	...	...	...	1	1
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	3	374	21	5.6	...	...	...	1	1	1	...	...
Furrows only	3	374	21	5.6	...	...	...	1	1	1	...	...
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	1	105	1	1.0	1	...	...	...	...	...	1	2
Flooding only	1	105	1	1.0	1	...	...	...	...	...	1	2
Other methods only	4	178	10	5.6	1	...	2	1	...	...	4	5

State Table 6.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY METHOD OF IRRIGATION, BY STATES: 1960–Continued

State and method of irrigation	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Indiana	330	96,044	13,429	14.0	167	24	95	41	6	19	115	214
Sprinklers and combinations of sprinklers with other methods	271	85,149	11,975	14.1	161	24	49	40	4	14	107	206
Sprinklers only	255	76,944	9,079	11.8	151	23	40	38	4	14	98	184
Sprinklers and fixed overhead pipes only	9	1,378	559	40.6	6	...	9	...	...	...	4	5
Sprinklers and furrows only	3	470	184	39.1	2	...	...	1	...	...	1	1
Sprinklers and flooding only	1	595	25	4.2	...	...	...	1	...	...	1	1
Sprinklers and subirrigation only	2	5,722	2,125	37.1	1	1	...	...	...	...	2	12
Sprinklers in combination with other methods	1	40	3	7.5	1	...	...	...	...	...	1	3
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	51	7,532	347	4.6	1	...	45	...	1	4	7	7
Overhead pipes only	51	7,532	347	4.6	1	...	45	...	1	4	7	7
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	2	700	82	11.7	1	...	...	...	...	1	1	1
Furrows only	1	460	80	17.4	...	...	...	...	...	1	...	...
Furrows and subirrigation only	1	240	2	0.8	1	...	...	...	...	...	1	1
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	2	715	162	22.7	2	...	...	...	...	...	...	...
Flooding only	2	715	162	22.7	2	...	...	...	...	...	...	...
Subirrigation and combinations of subirrigation with other methods (except sprinklers, fixed overhead pipes, furrows, and flooding)	2	1,835	860	46.9	1	...	...	1	1	...	...	...
Subirrigation only	2	1,835	860	46.9	1	...	...	1	1	...	...	...
Other methods only	2	113	3	2.7	1	...	1	...	...	...	...	...
Illinois	199	50,750	6,923	13.6	93	14	41	39	14	18	67	152
Sprinklers and combinations of sprinklers with other methods	170	44,165	6,030	13.7	86	14	34	33	8	14	59	135
Sprinklers only	161	42,827	5,766	13.5	82	13	30	31	8	14	54	127
Sprinklers and fixed overhead pipes only	5	447	135	30.2	2	1	3	1	...	...	2	2
Sprinklers and furrows only	2	421	88	20.9	...	...	1	1	...	...	1	2
Sprinklers and flooding only	2	470	41	8.7	2	...	...	...	...	...	2	4
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	16	1,565	314	20.1	2	...	5	3	3	3	2	5
Overhead pipes only	16	1,565	314	20.1	2	...	5	3	3	3	2	5
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	9	4,783	541	11.3	5	...	1	2	1	1	5	9
Furrows only	9	4,783	541	11.3	5	...	1	2	1	1	5	9
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	2	132	31	23.5	...	...	1	1	...	...	...	...
Flooding only	2	132	31	23.5	...	...	1	1	...	...	...	...
Subirrigation and combinations of subirrigation with other methods (except sprinklers, fixed overhead pipes, furrows, and flooding)	1	104	6	5.8	...	...	...	...	1	...	1	3
Subirrigation only	1	104	6	5.8	...	...	...	...	1	...	1	3
Other methods only	1	1	1	100.0	...	...	...	...	1	...	...	...
Michigan	1,417	267,913	31,418	11.7	919	31	304	153	27	82	722	1,121
Sprinklers and combinations of sprinklers with other methods	1,313	252,900	30,601	12.1	908	31	236	153	7	75	701	1,091
Sprinklers only	1,277	220,480	28,870	13.1	889	31	213	151	7	75	686	1,070
Sprinklers and fixed overhead pipes only	25	29,977	1,181	3.9	10	...	19	1	...	...	10	13
Sprinklers and furrows only	2	80	17	21.3	1	...	1	...	...	...	...	...
Sprinklers and flooding only	6	960	128	13.3	6	...	2	1	...	...	3	3
Sprinklers and subirrigation only	2	1,223	354	28.9	2	...	...	...	...	...	1	2
Sprinklers in combination with other methods	1	180	51	28.3	...	...	1	...	...	...	1	3
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	84	13,337	599	4.5	6	...	58	...	14	7	16	21
Overhead pipes only	83	11,745	579	4.9	6	...	57	...	14	7	16	21
Overhead pipes and subirrigation only	1	1,592	20	1.3	...	...	1	...	...	...	...	...
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	5	554	93	16.8	1	...	3	...	2	...	2	6
Furrows only	4	435	86	19.8	...	...	2	...	2	...	1	5
Furrows and flooding only	1	119	7	5.9	1	...	1	...	...	...	1	1
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	9	905	52	5.7	4	...	4	...	1	...	3	3
Flooding only	9	905	52	5.7	4	...	4	...	1	...	3	3
Subirrigation and combinations of subirrigation with other methods (except sprinklers, fixed overhead pipes, furrows, and flooding)	3	207	67	32.4	...	...	2	...	1	...	...	...
Subirrigation only	3	207	67	32.4	...	...	2	...	1	...	...	...
Other methods only	3	10	6	60.0	...	...	1	...	2	...	...	...

State Table 6.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY METHOD OF IRRIGATION, BY STATES: 1960–Continued

State and method of irrigation	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Wisconsin	479	265,040	28,239	10.7	260	44	55	74	57	33	272	610
Sprinklers and combinations of sprinklers with other methods	356	162,191	23,990	14.8	231	36	45	67	1	16	179	358
Sprinklers only	346	159,468	23,771	14.9	226	36	38	67	1	16	176	351
Sprinklers and fixed overhead pipes only	8	1,333	119	8.9	3	...	7	...	...	...	2	3
Sprinklers and furrows only	1	890	70	7.9	1	...	...	...	...	...	1	4
Sprinklers and flooding only	1	500	30	6.0	1	...	...	...	...	...	...	...
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	5	57	9	15.8	...	...	5	...	...	...	3	3
Overhead pipes only	5	57	9	15.8	...	...	5	...	...	...	3	3
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	35	40,618	1,303	3.2	6	3	4	5	14	4	27	79
Furrows only	32	39,031	1,225	3.1	6	2	4	4	13	4	25	73
Furrows and flooding only	3	1,587	78	4.9	...	1	...	1	1	...	2	6
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	82	61,740	2,917	4.7	23	5	...	2	42	13	63	170
Flooding only	82	61,740	2,917	4.7	23	5	...	2	42	13	63	170
Other methods only	1	434	20	4.6	...	...	1	...	...	...	...	...
Minnesota	335	66,093	12,266	18.6	161	21	82	58	7	37	65	85
Sprinklers and combinations of sprinklers with other methods	314	63,455	11,816	18.6	155	20	71	58	5	35	59	78
Sprinklers only	304	61,754	11,411	18.5	150	19	66	57	5	34	58	77
Sprinklers and fixed overhead pipes only	5	957	375	39.2	2	1	3	1	...	1	...	...
Sprinklers and furrows only	3	342	13	3.8	2	...	1	...	...	...	1	1
Sprinklers and flooding only	1	400	15	3.8	1	...	...	...	...	...	...	...
Sprinklers in combination with other methods	1	2	2	100.0	...	...	1	...	...	...	...	...
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	15	1,810	211	11.7	2	1	9	...	1	2	2	2
Overhead pipes only	15	1,810	211	11.7	2	1	9	...	1	2	2	2
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	1	320	120	37.5	...	...	...	...	1	...	...	...
Furrows only	1	320	120	37.5	...	...	...	...	1	...	...	...
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	2	360	105	29.2	2	...	1	...	...	...	2	3
Flooding only	2	360	105	29.2	2	...	1	...	...	...	2	3
Subirrigation and combinations of subirrigation with other methods (except sprinklers, fixed overhead pipes, furrows, and flooding)	2	63	7	11.1	1	...	1	...	...	...	1	1
Subirrigation only	2	63	7	11.1	1	...	1	...	...	...	1	1
Other methods only	1	85	7	8.2	1	...	...	...	...	...	1	1
Iowa	218	73,722	13,765	18.7	100	16	29	62	9	12	34	70
Sprinklers and combinations of sprinklers with other methods	166	49,355	8,856	17.9	80	14	19	49	6	8	31	64
Sprinklers only	155	39,434	7,016	17.8	76	14	14	45	6	8	28	59
Sprinklers and fixed overhead pipes only	2	2,960	760	25.7	...	...	2	...	...	...	1	2
Sprinklers and furrows only	6	5,576	570	10.2	2	...	2	3	...	...	1	1
Sprinklers and flooding only	3	1,385	510	36.8	2	...	1	1	...	...	1	2
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	9	874	126	14.4	2	...	3	...	3	1	...	...
Overhead pipes only	8	851	123	14.5	2	...	2	...	3	1	...	...
Overhead pipes and flooding only	1	23	3	13.0	...	...	1	...	...	...	...	...
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	36	20,068	4,048	20.2	14	2	7	10	...	3	1	2
Furrows only	36	20,068	4,048	20.2	14	2	7	10	...	3	1	2
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	7	3,425	735	21.5	4	...	...	3	...	...	2	4
Flooding only	7	3,425	735	21.5	4	...	...	3	...	...	2	4
Missouri	409	158,914	23,512	14.8	210	12	84	36	46	44	105	218
Sprinklers and combinations of sprinklers with other methods	277	96,025	14,704	15.3	154	8	51	27	22	33	79	174
Sprinklers only	247	84,766	12,570	14.8	134	8	44	21	20	33	70	158
Sprinklers and fixed overhead pipes only	8	1,347	281	20.9	3	...	5	...	1	...	5	9
Sprinklers and furrows only	6	3,438	461	13.4	4	...	1	2	1	...	1	1
Sprinklers and flooding only	14	5,594	1,192	21.3	12	...	...	4	...	...	2	5
Sprinklers in combination with other methods	2	880	200	22.7	1	...	1	...	...	...	1	1
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	45	1,656	295	17.8	1	...	15	...	20	9	8	15
Overhead pipes only	45	1,656	295	17.8	1	...	15	...	20	9	8	15

State Table 6.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY METHOD OF IRRIGATION, BY STATES: 1960–Continued

State and method of irrigation	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Missouri—Continued												
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	38	31,663	3,644	11.5	23	1	6	5	3	1	8	12
Furrows only	33	29,231	2,981	10.2	20	1	4	5	3	1	8	12
Furrows and flooding only	5	2,432	663	27.3	3	...	2	...	...	...	...	...
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	44	28,145	4,047	14.4	29	3	10	3	1	1	9	16
Flooding only	44	28,145	4,047	14.4	29	3	10	3	1	1	9	16
Subirrigation and combinations of subirrigation with other methods (except sprinklers, fixed overhead pipes, furrows, and flooding)	1	890	640	71.9	1	...	...	1	...	...	...	...
Subirrigation only	1	890	640	71.9	1	...	...	1	...	...	...	...
Other methods only	4	535	182	34.0	2	...	2	...	...	...	1	1
Delaware	110	43,660	9,705	22.2	78	16	12	8	...	5	79	143
Sprinklers and combinations of sprinklers with other methods	107	43,214	9,652	22.3	77	16	10	8	...	5	78	142
Sprinklers only	106	42,634	9,452	22.2	76	16	9	8	...	5	77	140
Sprinklers and fixed overhead pipes only	1	580	200	34.5	1	...	1	...	...	...	1	2
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	2	71	3	4.2	...	...	2	...	...	...	1	1
Overhead pipes only	2	71	3	4.2	...	...	2	...	...	...	1	1
Subirrigation and combinations of subirrigation with other methods (except sprinklers and fixed overhead pipes)	1	375	50	13.3	1	...	...	...	...	...	...	...
Subirrigation only	1	375	50	13.3	1	...	...	...	...	...	...	...
Maryland	223	76,379	8,051	10.5	149	11	31	23	10	13	160	510
Sprinklers and combinations of sprinklers with other methods	210	75,724	7,982	10.5	145	11	27	23	5	13	154	504
Sprinklers only	199	64,152	7,781	12.1	141	11	19	23	3	13	146	487
Sprinklers and fixed overhead pipes only	8	11,536	195	1.7	4	...	6	...	1	...	6	14
Sprinklers and flooding only	1	4	2	50.0	...	...	...	...	1	...	...	...
Sprinklers in combination with other methods	2	32	4	12.5	...	...	2	...	...	...	2	3
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	6	505	57	11.3	2	...	2	...	2	...	3	3
Overhead pipes only	6	505	57	11.3	2	...	2	...	2	...	3	3
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	2	32	2	6.3	...	...	1	...	1	...	...	...
Furrows only	2	32	2	6.3	...	...	1	...	1	...	...	...
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	1	50	5	10.0	1	...	...	...	...	...	1	1
Flooding only	1	50	5	10.0	1	...	...	...	...	...	1	1
Subirrigation and combinations of subirrigation with other methods (except sprinklers, fixed overhead pipes, furrows, and flooding)	1	25	2	8.0	...	...	1	...	...	...	1	1
Subirrigation only	1	25	2	8.0	...	...	1	...	...	...	1	1
Other methods only	3	43	3	7.0	1	...	...	...	2	...	1	1
Virginia	1,554	442,085	26,519	6.0	813	78	70	339	9	302	1,184	2,326
Sprinklers and combinations of sprinklers with other methods	1,515	436,614	26,293	6.0	800	77	56	336	5	297	1,166	2,292
Sprinklers only	1,499	432,493	25,946	6.0	791	77	46	334	5	297	1,154	2,272
Sprinklers and fixed overhead pipes only	13	3,619	289	8.0	9	...	9	...	...	...	9	15
Sprinklers and furrows only	1	150	20	13.3	...	...	...	1	...	...	1	1
Sprinklers in combination with other methods	2	352	38	10.8	...	...	1	1	...	...	2	4
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	29	3,127	173	5.5	9	1	14	3	2	1	11	21
Overhead pipes only	29	3,127	173	5.5	9	1	14	3	2	1	11	21
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	7	1,993	36	1.8	2	...	...	...	1	4	5	10
Furrows only	7	1,993	36	1.8	2	...	...	...	1	4	5	10
Subirrigation and combinations of subirrigation with other methods (except sprinklers, fixed overhead pipes, and furrows)	2	171	11	6.4	1	...	...	...	1	...	1	2
Subirrigation only	2	171	11	6.4	1	...	...	...	1	...	1	2
Other methods only	1	180	6	3.3	1	...	...	...	...	...	1	1
West Virginia	21	7,129	358	5.0	13	1	4	...	1	2	7	12
Sprinklers and combinations of sprinklers with other methods	20	6,997	355	5.1	13	1	3	...	1	2	7	12
Sprinklers only	20	6,997	355	5.1	13	1	3	...	1	2	7	12
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	1	132	3	2.3	...	...	1	...	...	...	...	...
Overhead pipes only	1	132	3	2.3	...	...	1	...	...	...	...	...

State Table 6.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY METHOD OF IRRIGATION, BY STATES: 1960–Continued

State and method of irrigation	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
North Carolina	6,255	1,024,823	58,573	5.7	3,076	233	109	1,493	7	1,529	5,098	10,911
Sprinklers and combinations of sprinklers with other methods	6,130	1,007,654	56,818	5.6	3,007	227	96	1,458	4	1,521	5,005	10,696
Sprinklers only	6,094	997,721	55,777	5.6	2,984	226	83	1,451	4	1,519	4,978	10,608
Sprinklers and fixed overhead pipes only	24	4,636	546	11.8	15	...	10	5	...	...	19	72
Sprinklers and furrows only	7	4,445	385	8.7	5	1	1	1	...	2	4	9
Sprinklers and flooding only	2	559	52	9.3	1	...	1	...	...	...	1	2
Sprinklers and subirrigation only	1	166	50	30.1	1	...	...	...	...	...	1	1
Sprinklers in combination with other methods	2	127	8	6.3	1	...	1	1	...	...	2	4
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	90	10,200	826	8.1	45	5	9	31	1	5	74	179
Overhead pipes only	90	10,200	826	8.1	45	5	9	31	1	5	74	179
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	21	4,876	403	8.3	17	...	1	2	2	1	10	17
Furrows only	20	4,726	363	7.7	16	...	1	2	2	1	9	16
Furrows and subirrigation only	1	150	40	26.7	1	...	...	...	...	...	1	1
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	1	156	4	2.6	1	...	...	...	...	...	1	2
Flooding only	1	156	4	2.6	1	...	...	...	...	...	1	2
Subirrigation and combinations of subirrigation with other methods (except sprinklers, fixed overhead pipes, furrows, and flooding)	11	1,819	506	27.8	5	1	3	1	...	2	6	13
Subirrigation only	11	1,819	506	27.8	5	1	3	1	...	2	6	13
Other methods only	2	118	16	13.6	1	...	...	1	...	...	2	4
South Carolina	1,051	367,851	21,786	5.9	501	84	64	116	6	323	871	2,063
Sprinklers and combinations of sprinklers with other methods	1,023	360,901	21,130	5.9	491	81	56	113	1	322	852	2,023
Sprinklers only	1,001	326,726	20,169	6.2	478	79	47	110	1	321	833	1,971
Sprinklers and fixed overhead pipes only	7	26,721	451	1.7	4	1	5	...	...	...	7	27
Sprinklers and furrows only	8	5,519	348	6.3	6	...	1	3	...	1	6	13
Sprinklers and flooding only	5	1,738	127	7.3	3	1	1	...	...	...	4	9
Sprinklers in combination with other methods	2	197	35	17.8	...	...	2	...	...	...	2	3
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	15	3,583	241	6.7	6	2	6	1	...	...	11	22
Overhead pipes only	15	3,583	241	6.7	6	2	6	1	...	...	11	22
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	7	2,563	331	12.9	2	...	1	2	3	...	2	4
Furrows only	7	2,563	331	12.9	2	...	1	2	3	...	2	4
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	4	692	52	7.5	1	1	...	...	2	...	4	8
Flooding only	4	692	52	7.5	1	1	...	...	2	...	4	8
Subirrigation and combinations of subirrigation with other methods (except sprinklers, fixed overhead pipes, furrows, and flooding)	2	112	32	28.6	1	...	1	...	...	1	2	6
Subirrigation only	2	112	32	28.6	1	...	1	...	...	1	2	6
Georgia	1,817	803,298	31,792	4.0	965	127	105	306	9	389	1,404	3,406
Sprinklers and combinations of sprinklers with other methods	1,754	788,560	30,965	3.9	937	127	88	300	3	382	1,360	3,315
Sprinklers only	1,709	765,731	29,814	3.9	908	125	72	294	2	379	1,326	3,205
Sprinklers and fixed overhead pipes only	35	18,347	821	4.5	21	2	15	3	1	3	27	76
Sprinklers and furrows only	5	1,656	187	11.3	3	...	...	2	...	...	3	17
Sprinklers and flooding only	2	1,310	59	4.5	2	...	...	...	...	...	2	9
Sprinklers in combination with other methods	3	1,516	84	5.5	3	...	1	1	...	...	2	8
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	48	9,975	387	3.9	22	...	15	3	4	4	32	62
Overhead pipes only	48	9,975	387	3.9	22	...	15	3	4	4	32	62
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	11	3,683	392	10.6	4	...	...	2	2	3	8	17
Furrows only	11	3,683	392	10.6	4	...	...	2	2	3	8	17
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	1	194	6	3.1	...	...	...	1	...	...	1	2
Flooding only	1	194	6	3.1	...	...	...	1	...	...	1	2
Subirrigation and combinations of subirrigation with other methods (except sprinklers, fixed overhead pipes, furrows, and flooding)	2	461	29	6.3	2	...	1	...	...	...	2	8
Subirrigation only	2	461	29	6.3	2	...	1	...	...	...	2	8
Other methods only	1	425	13	3.1	...	...	1	...	...	...	1	2

State Table 6.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY METHOD OF IRRIGATION, BY STATES: 1960–Continued

State and method of irrigation	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Florida	3,155	2,307,129	413,716	17.9	1,411	328	762	137	316	530	658	1,624
Sprinklers and combinations of sprinklers with other methods	1,740	1,053,779	130,598	12.4	1,001	171	384	74	19	288	443	1,073
Sprinklers only	1,447	735,088	62,941	8.6	814	136	271	56	16	269	344	806
Sprinklers and fixed overhead pipes only	136	134,386	9,065	6.7	79	15	63	5	1	12	58	150
Sprinklers and furrows only	80	105,490	27,135	25.7	56	7	27	8	...	5	17	57
Sprinklers and flooding only	18	2,492	1,481	59.4	11	1	3	2	1	2	6	8
Sprinklers and subirrigation only	21	32,301	9,604	29.7	13	5	7	...	1	...	3	10
Sprinklers in combination with other methods	38	44,022	20,372	46.3	28	7	13	3	...	...	15	42
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	400	55,558	10,518	18.9	114	24	243	6	4	54	90	229
Overhead pipes only	374	49,257	8,626	17.5	104	19	227	4	4	53	85	222
Overhead pipes and furrows only	9	1,406	1,056	75.1	4	2	7	1	...	...	2	4
Overhead pipes and flooding only	7	3,283	337	10.3	2	1	4	1	...	...	2	2
Overhead pipes and subirrigation only	7	492	329	66.9	3	...	5	...	...	...	...	...
Overhead pipes in combination with other methods	3	1,120	170	15.2	1	2	...	...	...	1	1	1
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	632	711,653	155,409	21.8	195	78	83	39	226	69	83	210
Furrows only	591	687,665	144,865	21.1	175	72	76	35	215	67	72	184
Furrows and flooding only	13	2,052	1,515	73.8	7	4	1	2	1	1	2	2
Furrows and subirrigation only	26	13,186	7,419	56.3	12	2	6	1	9	1	7	21
Furrows in combination with other methods	2	8,750	1,610	18.4	1	...	...	1	1	...	2	3
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	54	59,015	9,536	16.2	19	8	8	5	13	6	8	28
Flooding only	53	58,847	9,368	15.9	18	8	8	4	13	6	8	28
Flooding and subirrigation only	1	168	168	100.0	1	...	...	1	...	...	...	...
Subirrigation and combinations of subirrigation with other methods (except sprinklers, fixed overhead pipes, furrows, and flooding)	311	412,132	106,378	25.8	73	46	39	11	53	111	28	72
Subirrigation only	311	412,132	106,378	25.8	73	46	39	11	53	111	28	72
Other methods only	18	14,992	1,277	8.5	9	1	5	2	1	2	6	12
Kentucky	724	253,065	6,477	2.6	350	11	49	205	12	113	394	1,022
Sprinklers and combinations of sprinklers with other methods	694	248,149	6,358	2.6	342	11	36	200	10	110	387	1,007
Sprinklers only	682	246,703	6,215	2.5	338	11	28	200	9	110	383	1,000
Sprinklers and fixed overhead pipes only	10	1,330	140	10.5	3	...	7	...	1	...	2	3
Sprinklers and furrows only	1	95	2	2.1	1	...	...	...	...	...	1	2
Sprinklers in combination with other methods	1	21	1	4.8	...	...	1	...	...	...	1	2
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	19	2,643	92	3.5	3	...	9	4	2	2	3	3
Overhead pipes only	19	2,643	92	3.5	3	...	9	4	2	2	3	3
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	11	2,273	27	1.2	5	...	4	1	...	1	4	12
Furrows only	11	2,273	27	1.2	5	...	4	1	...	1	4	12
Tennessee	583	173,588	9,582	5.5	284	26	57	148	6	92	229	648
Sprinklers and combinations of sprinklers with other methods	565	168,141	8,665	5.2	279	25	53	146	3	89	222	637
Sprinklers only	551	152,766	7,686	5.0	267	24	47	146	2	88	216	615
Sprinklers and fixed overhead pipes only	6	4,577	573	12.5	6	...	4	...	...	...	4	18
Sprinklers and furrows only	5	2,030	90	4.4	4	...	2	...	1	...	2	4
Sprinklers and flooding only	3	8,768	316	3.6	2	1	...	...	...	1	...	...
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	2	333	41	12.3	1	...	...	...	...	1	2	2
Overhead pipes only	2	333	41	12.3	1	...	...	...	...	1	2	2
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	10	3,149	334	10.6	3	1	3	1	...	2	3	6
Furrows only	8	2,719	205	7.5	3	...	2	1	...	2	2	5
Furrows and flooding only	2	430	129	30.0	...	1	1	...	...	...	1	1
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	6	1,965	542	27.6	1	...	1	1	3	...	2	3
Flooding only	6	1,965	542	27.6	1	...	1	1	3	...	2	3
Alabama	232	189,199	13,842	7.3	102	22	76	21	5	27	115	254
Sprinklers and combinations of sprinklers with other methods	195	166,276	11,932	7.2	97	21	51	18	3	25	98	223
Sprinklers only	172	149,086	10,349	6.9	85	19	39	16	3	24	86	189
Sprinklers and fixed overhead pipes only	12	4,986	693	13.9	6	...	9	...	...	...	8	26
Sprinklers and furrows only	10	11,774	870	7.4	5	2	3	2	...	1	3	6
Sprinklers and flooding only	1	430	20	4.7	1	...	...	...	...	...	1	2

State Table 6.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY METHOD OF IRRIGATION, BY STATES: 1960–Continued

State and method of irrigation	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Alabama—Continued												
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	20	2,939	305	10.4	1	...	17	...	1	1	8	11
Overhead pipes only	18	2,832	292	10.3	1	...	15	...	1	1	8	11
Overhead pipes and furrows only	1	17	8	47.1	...	...	1	...	...	...	...	...
Overhead pipes and flooding only	1	90	5	5.6	...	...	1	...	...	...	...	...
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	11	18,291	606	3.3	4	1	2	3	1	1	8	19
Furrows only	11	18,291	606	3.3	4	1	2	3	1	1	8	19
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	3	603	13	2.2	...	...	3	...	...	...	1	1
Flooding only	3	603	13	2.2	...	...	3	...	...	...	1	1
Subirrigation and combinations of subirrigation with other methods (except sprinklers, fixed overhead pipes, furrows, and flooding)	2	1,035	985	95.2	...	...	2	...	...	...	...	...
Subirrigation only	2	1,035	985	95.2	...	...	2	...	...	...	...	...
Other methods only	1	55	1	1.8	...	...	1	...	...	...	...	...
Mississippi	651	803,393	135,400	16.9	348	51	184	83	6	98	154	431
Sprinklers and combinations of sprinklers with other methods	264	388,957	52,497	13.5	202	18	39	35	...	25	88	265
Sprinklers only	143	146,006	15,735	10.8	103	6	13	11	...	24	49	144
Sprinklers and fixed overhead pipes only	3	646	85	13.2	2	...	1	...	...	...	2	10
Sprinklers and furrows only	52	114,321	13,935	12.2	45	7	10	12	...	...	16	64
Sprinklers and flooding only	49	79,350	15,029	18.9	38	4	10	9	...	1	14	26
Sprinklers in combination with other methods	17	48,634	7,713	15.9	14	1	5	3	...	...	7	21
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	8	1,774	387	21.8	3	...	3	1	2	1	4	7
Overhead pipes only	7	374	67	17.9	2	...	3	...	2	1	4	7
Overhead pipes and furrows only	1	1,400	320	22.9	1	...	...	1	...	...	...	...
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	199	216,716	43,866	20.2	89	18	49	34	4	41	35	108
Furrows only	149	140,721	26,843	19.1	67	8	28	27	3	38	22	86
Furrows and flooding only	50	75,995	17,023	22.4	22	10	21	7	1	3	13	22
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	180	195,946	38,650	19.7	54	15	93	13	...	31	27	51
Flooding only	180	195,946	38,650	19.7	54	15	93	13	...	31	27	51
Arkansas	4,922	2,816,474	836,556	29.7	2,565	294	1,741	801	25	607	1,136	2,658
Sprinklers and combinations of sprinklers with other methods	623	470,892	105,150	22.3	442	33	122	165	...	35	195	432
Sprinklers only	329	128,483	21,825	17.0	224	11	39	61	...	30	101	208
Sprinklers and furrows only	129	102,878	23,012	22.4	91	11	19	47	...	4	35	70
Sprinklers and flooding only	114	138,264	34,865	25.2	89	6	44	31	...	...	39	105
Sprinklers in combination with other methods	51	101,267	25,448	25.1	38	5	20	26	...	1	20	49
Fixed overhead pipes and combinations of fixed overhead pipes with other methods (except sprinklers)	17	9,027	2,773	30.7	9	...	8	3	1	...	6	12
Overhead pipes only	11	4,565	1,078	23.6	5	...	6	1	1	...	3	7
Overhead pipes and furrows only	2	1,712	544	31.8	2	...	...	...	...	...	...	...
Overhead pipes and flooding only	4	2,750	1,151	41.9	2	...	2	2	...	...	3	5
Furrows and combinations of furrows with other methods (except sprinklers and fixed overhead pipes)	1,787	867,164	285,678	32.9	886	85	538	349	9	299	357	792
Furrows only	1,178	407,478	109,138	26.8	520	39	247	244	9	268	174	329
Furrows and flooding only	607	457,262	175,637	38.4	364	45	290	105	...	31	183	463
Furrows in combination with other methods	2	2,424	903	37.3	2	1	1	...	...	...	...	...
Flooding and combinations of flooding with other methods (except sprinklers, fixed overhead pipes, and furrows)	2,487	1,466,794	442,015	30.1	1,224	176	1,070	282	14	272	576	1,406
Flooding only	2,481	1,463,347	440,456	30.1	1,222	175	1,068	281	14	271	574	1,404
Flooding and subirrigation only	5	2,357	1,136	48.2	2	1	1	1	...	1	2	2
Flooding in combination with other methods	1	1,090	423	38.8	...	...	1	...	...	...	...	...
Subirrigation and combinations of subirrigation with other methods (except sprinklers, fixed overhead pipes, furrows, and flooding)	7	2,522	938	37.2	4	...	3	2	...	1	2	16
Subirrigation only	7	2,522	938	37.2	4	...	3	2	...	1	2	16
Other methods only	1	75	2	2.7	...	...	...	...	1	...	...	...

State Table 7.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SIZE OF FARM, BY STATES: 1960

State and size of farm	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Total, 30 States	29,777	11,083,788	1,865,178	16.8	15,480	1,727	4,822	4,360	985	5,044	15,252	32,948
Under 10 acres	2,181	11,065	6,672	60.3	465	22	587	100	273	770	581	843
10 to 49 acres	5,923	151,575	53,585	35.4	2,412	129	912	510	328	1,837	2,724	4,270
50 to 69 acres	1,879	108,743	27,586	25.4	1,034	66	203	261	50	351	1,023	1,641
70 to 99 acres	2,423	199,786	46,048	23.0	1,386	104	219	434	50	351	1,439	2,421
100 to 139 acres	2,751	319,487	62,958	19.7	1,622	131	252	531	56	331	1,636	3,062
140 to 179 acres	2,237	352,921	62,771	17.8	1,320	122	198	433	32	271	1,356	2,700
180 to 219 acres	1,717	339,911	59,693	17.6	978	96	181	352	15	212	1,020	2,206
220 to 259 acres	1,333	316,954	55,072	17.4	751	75	145	270	21	163	747	1,696
260 to 499 acres	4,241	1,526,265	298,594	19.6	2,455	321	695	795	57	396	2,266	5,597
500 to 999 acres	2,966	2,027,500	434,203	21.4	1,777	322	800	445	50	214	1,457	4,430
1,000 or more acres	2,126	5,729,581	757,996	13.2	1,280	339	630	229	53	148	1,003	4,082
Maine	104	23,989	2,438	10.2	76	3	6	9	9	6	81	172
Under 10 acres	8	39	12	30.8	3	...	1	...	3	1	2	3
10 to 49 acres	20	463	103	22.2	10	...	1	3	3	3	14	21
50 to 69 acres	14	786	140	17.8	11	...	...	...	3	...	12	24
70 to 99 acres	7	550	136	24.7	6	...	...	1	...	...	5	6
100 to 139 acres	12	1,423	277	19.5	11	...	...	1	...	1	11	28
140 to 179 acres	8	1,187	161	13.6	6	...	1	1	...	1	6	15
180 to 219 acres	4	805	127	15.8	3	...	1	1	...	...	4	10
220 to 259 acres	4	1,005	142	14.1	3	...	...	1	...	...	4	11
260 to 499 acres	15	5,929	380	6.4	12	1	1	1	...	...	12	26
500 to 999 acres	8	5,352	860	16.1	7	2	1	...	...	...	8	23
1,000 or more acres	4	6,450	100	1.6	4	...	...	...	...	...	3	5
New Hampshire	70	10,811	1,129	10.4	46	2	11	3	8	4	41	72
Under 10 acres	7	37	17	45.9	3	...	1	...	2	1	1	1
10 to 49 acres	18	511	134	26.2	8	...	6	...	3	2	9	12
50 to 69 acres	5	280	22	7.9	3	...	1	...	1	...	3	4
70 to 99 acres	5	400	16	4.0	3	...	1	...	1	...	2	3
100 to 139 acres	7	774	98	12.7	5	...	...	1	1	...	6	13
140 to 179 acres	7	1,114	72	6.5	4	1	...	1	...	1	7	13
180 to 219 acres	4	818	163	19.9	4	...	...	...	...	...	3	4
220 to 259 acres	4	1,000	23	2.3	3	...	1	...	...	...	1	1
260 to 499 acres	8	2,735	293	10.7	8	...	1	1	...	...	5	12
500 to 999 acres	5	3,142	291	9.3	5	1	...	...	...	...	4	9
1,000 or more acres	...	...	...	...	...	...	...	...	...	...	...	...
Vermont	13	5,331	598	11.2	7	2	...	1	3	2	7	12
Under 10 acres	...	...	...	...	...	...	...	...	...	...	...	...
10 to 49 acres	2	53	9	17.0	1	...	...	...	...	1	...	...
50 to 69 acres	1	50	40	80.0	1	...	...	...	...	...	...	...
70 to 99 acres	...	...	...	...	...	...	...	...	...	...	...	...
100 to 139 acres	2	243	10	4.1	2	...	...	...	...	...	2	2
140 to 179 acres	1	145	30	20.7	...	...	...	...	1	...	...	...
180 to 219 acres	1	200	100	50.0	...	...	...	...	1	...	1	2
220 to 259 acres	...	...	...	...	...	...	...	...	...	...	...	...
260 to 499 acres	2	764	19	2.5	1	...	...	...	1	...	1	1
500 to 999 acres	2	1,600	300	18.8	1	1	...	...	...	1	2	5
1,000 or more acres	2	2,276	90	4.0	1	1	...	1	...	...	1	2
Massachusetts	958	114,198	17,841	15.6	410	8	84	20	160	332	408	865
Under 10 acres	174	1,005	563	56.0	36	...	8	2	34	96	24	27
10 to 49 acres	387	9,720	2,918	30.0	157	1	26	6	68	140	147	218
50 to 69 acres	80	4,562	1,120	24.6	41	...	5	3	12	24	37	69
70 to 99 acres	80	6,499	1,419	21.8	43	1	7	3	11	22	46	80
100 to 139 acres	85	9,688	1,736	17.9	48	2	13	2	11	17	53	113
140 to 179 acres	31	4,779	809	16.9	14	...	3	2	4	12	16	33
180 to 219 acres	29	5,703	1,221	21.4	19	2	8	1	1	5	19	48
220 to 259 acres	24	5,735	459	8.0	14	...	2	...	4	6	18	40
260 to 499 acres	40	13,655	2,125	15.6	23	1	6	1	7	7	31	98
500 to 999 acres	15	9,582	1,105	11.5	7	1	3	...	7	...	10	42
1,000 or more acres	13	43,270	4,366	10.1	8	...	3	...	1	3	7	97
Rhode Island	26	4,066	305	7.5	15	...	4	3	4	1	16	22
Under 10 acres	3	12	9	75.0	1	...	...	...	2	...	1	1
10 to 49 acres	12	358	152	42.5	9	...	...	2	...	1	10	14
50 to 69 acres	4	231	51	22.1	3	...	1	1	...	...	1	1
70 to 99 acres	2	160	50	31.3	1	...	...	...	1	...	2	3
100 to 139 acres	1	105	5	4.8	1	...	...	...	...	...	1	1
140 to 179 acres	1	170	1	0.6	...	...	1	...	...	...	...	...
180 to 219 acres	1	180	8	4.4	...	...	1	...	...	...	1	2
220 to 259 acres	...	...	...	...	...	...	...	...	...	...	...	...
260 to 499 acres	1	370	5	1.4	...	...	1	...	...	...	...	...
500 to 999 acres	...	...	...	...	...	...	...	...	...	...	...	...
1,000 or more acres	1	2,480	24	1.0	...	...	...	...	1	...	...	...
Connecticut	173	28,181	4,393	15.6	118	3	24	7	7	22	117	241
Under 10 acres	11	47	22	46.8	1	...	7	...	1	2	4	5
10 to 49 acres	56	1,458	526	36.1	34	...	8	2	4	10	36	50
50 to 69 acres	25	1,391	372	26.7	18	...	2	1	...	5	15	26
70 to 99 acres	17	1,317	377	28.6	15	...	1	1	...	...	14	31
100 to 139 acres	19	2,145	501	23.4	14	...	3	1	1	...	16	31
140 to 179 acres	6	927	203	21.9	4	1	1	...	...	1	4	13
180 to 219 acres	8	1,543	304	19.7	7	...	...	...	...	1	5	12
220 to 259 acres	5	1,197	165	13.8	4	1	1	1	...	...	4	9
260 to 499 acres	16	5,521	640	11.6	13	...	...	...	1	2	12	31
500 to 999 acres	5	3,245	268	8.3	4	1	...	...	...	1	3	9
1,000 or more acres	5	9,390	1,015	10.8	4	...	1	1	...	...	4	24

State Table 7.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SIZE OF FARM, BY STATES: 1960–Continued

State and size of farm	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
New York	1,217	186,735	50,541	27.1	694	183	172	40	86	145	428	827
Under 10 acres	146	640	356	55.6	20	1	58	1	41	28	9	10
10 to 49 acres	289	8,101	4,484	55.4	157	14	53	3	29	38	90	126
50 to 69 acres	127	7,401	4,349	58.8	77	16	14	4	2	22	36	50
70 to 99 acres	151	12,469	6,778	54.4	97	36	12	2	2	15	51	84
100 to 139 acres	141	16,443	7,726	47.0	94	37	8	5	4	11	55	89
140 to 179 acres	93	14,746	6,047	41.0	56	32	6	5	2	12	46	132
180 to 219 acres	48	9,338	3,359	36.0	30	15	1	3	...	4	16	25
220 to 259 acres	45	10,674	2,000	18.7	30	6	4	1	3	3	25	65
260 to 499 acres	102	36,126	9,682	26.8	75	20	10	9	2	5	53	127
500 to 999 acres	52	35,616	3,806	10.7	41	6	3	7	...	3	33	90
1,000 or more acres	23	35,181	1,954	5.6	17	...	3	...	1	4	14	29
New Jersey	1,632	244,249	69,301	28.4	1,114	61	275	67	65	180	828	1,538
Under 10 acres	166	875	555	63.4	63	1	52	1	35	17	25	26
10 to 49 acres	480	12,611	5,457	43.3	301	3	116	9	20	59	173	232
50 to 69 acres	164	9,404	3,900	41.5	123	2	25	7	3	15	74	107
70 to 99 acres	180	14,875	6,128	41.2	141	5	14	15	2	17	106	147
100 to 139 acres	164	18,974	7,126	37.6	134	7	19	7	...	12	108	162
140 to 179 acres	137	21,347	6,914	32.4	110	7	10	10	1	11	94	163
180 to 219 acres	87	17,377	5,267	30.3	63	7	9	3	...	11	61	103
220 to 259 acres	62	14,643	4,338	29.6	40	8	9	5	...	7	42	161
260 to 499 acres	131	45,948	12,695	27.6	100	16	14	8	1	16	105	244
500 to 999 acres	32	20,685	4,604	22.3	25	4	4	2	...	5	21	71
1,000 or more acres	29	67,510	12,317	18.2	14	1	3	...	3	10	19	122
Pennsylvania	449	117,100	7,570	6.5	243	15	116	41	25	38	246	397
Under 10 acres	44	235	96	40.9	4	...	22	2	8	8	12	12
10 to 49 acres	107	2,834	597	21.1	46	...	39	1	11	13	42	53
50 to 69 acres	42	2,453	363	14.8	20	1	14	6	1	2	24	31
70 to 99 acres	51	4,242	486	11.5	27	2	12	10	...	4	32	50
100 to 139 acres	52	6,068	977	16.1	40	1	2	9	...	2	27	37
140 to 179 acres	39	6,150	838	13.6	28	1	5	3	...	4	28	44
180 to 219 acres	25	5,069	600	11.8	19	1	3	3	2	...	21	33
220 to 259 acres	16	3,755	344	9.2	10	2	2	1	...	2	9	18
260 to 499 acres	36	12,642	1,659	13.1	25	3	7	5	...	1	28	52
500 to 999 acres	20	13,563	592	4.4	14	1	6	1	2	1	12	39
1,000 or more acres	17	60,089	1,018	1.7	10	3	4	...	1	1	11	28
Ohio	450	62,579	9,153	14.6	192	6	176	26	40	39	211	324
Under 10 acres	84	425	180	42.4	15	...	42	...	23	7	19	21
10 to 49 acres	140	3,307	993	30.0	52	...	69	1	14	11	73	92
50 to 69 acres	24	1,427	271	19.0	10	...	10	3	...	1	15	24
70 to 99 acres	37	3,051	596	19.5	22	2	7	6	...	4	21	30
100 to 139 acres	40	4,550	842	18.5	28	...	11	1	1	3	22	39
140 to 179 acres	20	3,238	406	12.5	11	1	5	1	1	3	9	16
180 to 219 acres	17	3,359	488	14.5	7	1	6	2	...	2	5	9
220 to 259 acres	14	3,350	676	20.2	4	...	4	4	...	2	7	13
260 to 499 acres	41	14,401	2,044	14.2	24	1	10	4	1	5	24	42
500 to 999 acres	27	17,114	2,518	14.7	17	1	9	2	...	1	14	32
1,000 or more acres	6	8,357	139	1.7	2	...	3	2	...	...	2	6
Indiana	330	96,044	13,429	14.0	167	24	95	41	6	19	115	214
Under 10 acres	43	196	115	58.7	8	...	29	...	4	2	4	4
10 to 49 acres	73	1,629	547	33.6	24	...	43	7	...	4	21	32
50 to 69 acres	17	993	246	24.8	11	...	2	...	1	3	5	7
70 to 99 acres	13	1,072	142	13.2	7	1	1	5	...	...	7	14
100 to 139 acres	20	2,302	499	21.7	14	1	3	5	...	2	8	17
140 to 179 acres	30	4,698	418	8.9	17	3	3	5	...	2	16	37
180 to 219 acres	16	3,255	655	20.1	12	1	...	3	...	1	6	9
220 to 259 acres	12	2,847	521	18.3	10	1	...	1	...	...	4	4
260 to 499 acres	60	22,409	3,304	14.7	37	8	5	9	1	2	26	55
500 to 999 acres	27	17,210	2,057	12.0	17	5	3	4	...	2	11	17
1,000 or more acres	19	39,433	4,925	12.5	10	4	6	2	...	1	7	18
Illinois	199	50,750	6,923	13.6	93	14	41	39	14	18	67	152
Under 10 acres	20	74	40	54.1	3	...	7	...	8	2	4	4
10 to 49 acres	28	726	207	28.5	13	1	7	2	4	4	7	11
50 to 69 acres	8	447	145	32.4	4	1	4	...	...	...	3	6
70 to 99 acres	20	1,698	503	29.6	13	...	4	2	...	2	8	13
100 to 139 acres	17	1,963	207	10.5	7	1	5	3	2	1	7	20
140 to 179 acres	21	3,321	517	15.6	11	1	5	7	...	1	5	11
180 to 219 acres	18	3,552	657	18.5	9	2	3	6	...	1	6	11
220 to 259 acres	15	3,521	773	22.0	7	1	4	3	...	1	4	9
260 to 499 acres	30	10,813	1,774	16.4	18	3	2	7	...	4	12	29
500 to 999 acres	16	10,039	1,125	11.2	6	4	...	6	...	1	8	25
1,000 or more acres	6	14,596	975	6.7	2	...	...	3	...	1	3	13
Michigan	1,417	267,913	31,418	11.7	919	31	304	153	27	82	722	1,121
Under 10 acres	83	429	238	55.5	11	...	46	1	13	13	13	14
10 to 49 acres	338	10,064	3,017	30.0	194	...	110	22	4	20	145	179
50 to 69 acres	122	7,101	1,531	21.6	84	3	23	12	2	3	61	75
70 to 99 acres	191	15,593	2,887	18.5	143	...	31	22	1	9	113	171
100 to 139 acres	157	18,573	2,681	14.4	119	...	24	18	...	6	94	141
140 to 179 acres	130	20,540	3,097	15.1	102	3	15	14	2	5	73	122
180 to 219 acres	78	15,341	2,520	16.4	53	2	11	12	...	4	48	89
220 to 259 acres	66	15,718	2,458	15.6	46	3	7	14	1	5	36	65
260 to 499 acres	166	57,643	7,195	12.5	115	7	17	26	2	12	92	165
500 to 999 acres	65	43,390	4,430	10.2	42	12	11	10	1	4	40	87
1,000 or more acres	21	63,521	1,364	2.1	10	1	9	2	1	1	7	13

State Table 7.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SIZE OF FARM, BY STATES: 1960–Continued

State and size of farm	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Wisconsin	479	265,040	28,239	10.7	260	44	55	74	57	33	272	610
Under 10 acres	19	92	48	52.2	7	...	9	1	...	2	2	2
10 to 49 acres	39	1,064	284	26.7	24	...	11	4	1	1	15	21
50 to 69 acres	14	818	164	20.0	9	...	3	3	1	1	6	11
70 to 99 acres	30	2,374	267	11.2	17	1	4	6	1	2	15	28
100 to 139 acres	37	4,355	664	15.2	15	3	6	7	4	4	20	28
140 to 179 acres	27	4,363	618	14.2	17	4	1	4	1	1	14	17
180 to 219 acres	29	5,657	832	14.7	14	4	1	7	4	1	18	43
220 to 259 acres	34	8,120	1,290	15.9	23	1	1	3	3	3	21	34
260 to 499 acres	99	35,822	5,977	16.7	56	11	4	19	12	5	54	117
500 to 999 acres	80	54,020	7,058	13.1	41	8	10	14	17	5	56	130
1,000 or more acres	71	148,355	11,037	7.4	37	12	5	6	13	8	51	179
Minnesota	335	66,093	12,266	18.6	161	21	82	58	7	37	65	85
Under 10 acres	46	199	91	45.7	7	...	22	3	5	9	6	8
10 to 49 acres	85	2,281	632	27.7	42	2	30	6	1	8	14	17
50 to 69 acres	15	870	377	43.3	9	1	2	5	...	1	2	2
70 to 99 acres	27	2,252	770	34.2	20	...	3	3	...	3	5	8
100 to 139 acres	37	4,278	1,469	34.3	25	2	3	9	...	3	6	8
140 to 179 acres	19	2,983	820	27.5	9	2	1	7	...	2	6	9
180 to 219 acres	18	3,612	1,338	37.0	8	2	6	3	...	2	6	6
220 to 259 acres	13	3,089	798	25.8	7	1	2	6	...	1	5	7
260 to 499 acres	42	15,296	2,996	19.6	18	3	8	11	1	5	6	8
500 to 999 acres	22	14,401	2,127	14.8	10	5	4	4	...	3	6	9
1,000 or more acres	11	16,832	848	5.0	6	3	1	1	...	...	3	3
Iowa	218	73,722	13,765	18.7	100	16	29	62	9	12	34	70
Under 10 acres	7	20	11	55.0	1	...	1	...	2	3	...	...
10 to 49 acres	31	804	211	26.2	8	...	9	10	5	...	3	5
50 to 69 acres	9	532	171	32.1	6	...	...	3	...	1	2	4
70 to 99 acres	13	1,086	260	23.9	7	...	2	4	1	...	2	10
100 to 139 acres	21	2,500	517	20.7	9	2	2	10	...	2	4	9
140 to 179 acres	18	2,855	708	24.8	10	1	1	4	...	2	6	7
180 to 219 acres	12	2,678	520	19.4	4	...	2	7	...	...	3	5
220 to 259 acres	7	1,684	345	20.5	4	1	...	2	...	...	1	1
260 to 499 acres	51	18,550	4,005	21.6	27	4	3	15	1	2	6	19
500 to 999 acres	38	26,118	4,862	18.6	18	7	5	7	...	1	5	7
1,000 or more acres	11	16,895	2,155	12.8	6	1	4	...	...	1	2	3
Missouri	409	158,914	23,512	14.8	210	12	84	36	46	44	105	218
Under 10 acres	40	192	111	57.8	3	...	5	...	26	6	3	3
10 to 49 acres	75	1,753	700	39.9	19	...	25	2	16	16	25	36
50 to 69 acres	14	781	259	33.2	8	...	3	1	...	2	7	10
70 to 99 acres	17	1,367	531	38.8	10	...	4	2	...	2	9	27
100 to 139 acres	21	2,508	608	24.2	12	...	3	4	...	3	6	17
140 to 179 acres	23	3,688	675	18.3	17	...	5	1	...	...	7	10
180 to 219 acres	23	4,576	1,124	24.6	14	...	3	4	1	2	5	8
220 to 259 acres	26	6,175	1,291	20.9	16	...	3	5	1	2	6	20
260 to 499 acres	78	28,099	4,611	16.4	57	2	10	8	1	6	19	42
500 to 999 acres	58	38,226	7,731	20.2	39	3	16	4	...	3	12	32
1,000 or more acres	34	71,549	5,871	8.2	15	7	7	5	1	2	6	13
Delaware	110	43,660	9,705	22.2	78	16	12	8	...	5	79	143
Under 10 acres	3	15	10	66.7	1	...	2	...	...	...	...	...
10 to 49 acres	8	212	43	20.3	2	...	5	...	...	2	3	3
50 to 69 acres	3	181	35	19.3	1	...	2	...	...	...	...	...
70 to 99 acres	4	350	218	62.3	4	...	...	...	...	...	1	1
100 to 139 acres	3	329	102	31.0	3	...	1	...	...	...	2	2
140 to 179 acres	12	1,894	870	45.9	9	1	...	2	...	...	10	15
180 to 219 acres	12	2,411	967	40.1	9	3	...	1	...	...	11	14
220 to 259 acres	9	2,165	704	32.5	6	2	...	1	...	...	8	12
260 to 499 acres	36	12,942	3,461	26.7	27	5	1	3	...	2	26	44
500 to 999 acres	14	8,465	1,995	23.6	11	3	1	...	...	1	12	26
1,000 or more acres	6	14,696	1,300	8.8	5	2	...	1	...	...	6	26
Maryland	223	76,379	8,051	10.5	149	11	31	23	10	13	160	510
Under 10 acres	13	50	22	44.0	2	...	4	1	4	2	5	7
10 to 49 acres	39	890	225	25.3	18	...	15	3	3	4	22	29
50 to 69 acres	14	803	176	21.9	11	...	1	1	1	...	9	11
70 to 99 acres	15	1,219	257	21.1	9	...	...	4	1	1	9	11
100 to 139 acres	16	1,892	389	20.6	13	...	4	1	...	...	14	26
140 to 179 acres	21	3,368	541	16.1	16	...	2	3	...	2	15	22
180 to 219 acres	16	3,150	640	20.3	13	...	1	2	...	...	13	28
220 to 259 acres	15	3,606	717	19.9	14	1	...	...	...	...	12	18
260 to 499 acres	37	13,847	1,415	10.2	27	2	3	4	1	1	29	48
500 to 999 acres	19	11,752	1,457	12.4	15	3	...	1	...	2	15	28
1,000 or more acres	18	35,802	2,212	6.2	11	5	1	3	...	1	17	282
Virginia	1,554	442,085	26,519	6.0	813	78	70	339	9	302	1,184	2,326
Under 10 acres	144	755	473	62.6	40	8	9	16	4	70	77	114
10 to 49 acres	238	4,881	1,529	31.3	70	9	16	37	2	111	138	222
50 to 69 acres	69	4,040	472	11.7	38	1	5	14	1	12	50	67
70 to 99 acres	109	9,242	667	7.2	59	2	4	30	...	18	81	131
100 to 139 acres	176	20,376	1,434	7.0	97	4	7	50	...	23	142	221
140 to 179 acres	159	24,981	1,488	6.0	98	2	2	48	...	15	138	230
180 to 219 acres	113	22,595	1,137	5.0	67	6	2	23	...	16	92	166
220 to 259 acres	98	23,441	1,744	7.4	61	3	2	23	1	13	78	148
260 to 499 acres	246	87,316	4,724	5.4	154	18	8	58	...	16	209	460
500 to 999 acres	132	88,657	5,750	6.5	83	13	11	28	1	4	119	330
1,000 or more acres	70	155,801	7,101	4.6	46	12	4	12	...	4	60	237

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State Table 7.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SIZE OF FARM, BY STATES: 1960–Continued

State and size of farm	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
West Virginia	21	7,129	358	5.0	13	1	4	...	1	2	7	12
Under 10 acres	1	6	1	16.7	...	...	...	...	1	...	...	...
10 to 49 acres	4	113	13	11.5	3	...	1	...	...	...	1	1
50 to 69 acres	...	...	...	...	...	...	...	...	...	...	...	...
70 to 99 acres	2	176	6	3.4	2	...	...	...	...	...	2	4
100 to 139 acres	4	498	8	1.6	2	...	2	...	...	...	2	4
140 to 179 acres	2	315	6	1.9	...	...	1	...	...	1	...	...
180 to 219 acres	...	...	...	...	...	...	...	...	...	...	...	...
220 to 259 acres	...	...	...	...	...	...	...	...	...	...	...	...
260 to 499 acres	3	1,263	26	2.1	2	...	...	...	...	1	1	1
500 to 999 acres	2	1,440	160	11.1	2	...	...	...	...	...	...	...
1,000 or more acres	3	3,318	138	4.2	2	1	...	...	...	...	1	2
North Carolina	6,255	1,024,823	58,573	5.7	3,076	233	109	1,493	7	1,529	5,098	10,911
Under 10 acres	438	2,248	1,479	65.8	109	7	14	58	3	249	259	397
10 to 49 acres	1,647	42,336	9,658	22.8	650	48	28	279	1	679	1,213	1,999
50 to 69 acres	590	34,187	3,869	11.3	317	15	8	135	1	128	484	797
70 to 99 acres	712	58,923	5,123	8.7	385	22	8	190	...	121	608	1,088
100 to 139 acres	748	87,085	5,970	6.9	425	16	16	220	...	94	651	1,298
140 to 179 acres	533	83,862	5,274	6.3	308	17	3	163	...	59	474	1,062
180 to 219 acres	424	83,423	4,725	5.7	226	14	8	125	1	67	366	873
220 to 259 acres	231	54,677	2,810	5.1	116	14	6	72	...	29	201	514
260 to 499 acres	614	212,909	9,393	4.4	332	38	11	185	...	76	558	1,680
500 to 999 acres	212	139,873	5,082	3.6	134	25	3	53	1	15	192	753
1,000 or more acres	106	225,300	5,190	2.3	74	17	4	13	...	12	92	450
South Carolina	1,051	367,851	21,786	5.9	501	84	64	116	6	323	871	2,063
Under 10 acres	48	290	153	52.8	11	2	5	3	...	28	29	53
10 to 49 acres	304	7,381	1,775	24.0	86	7	20	13	...	183	217	306
50 to 69 acres	49	2,838	431	15.2	25	1	5	6	...	15	40	71
70 to 99 acres	73	6,096	632	10.4	45	3	6	9	1	11	67	120
100 to 139 acres	80	9,252	900	9.7	42	8	6	15	1	12	70	121
140 to 179 acres	65	10,264	818	8.0	42	2	1	11	1	8	63	125
180 to 219 acres	50	9,936	878	8.8	26	2	2	9	1	11	44	83
220 to 259 acres	47	11,225	781	7.0	24	6	1	10	...	8	44	98
260 to 499 acres	124	44,487	3,782	8.5	77	15	4	22	...	16	113	336
500 to 999 acres	131	89,819	5,027	5.6	75	19	7	11	2	23	112	361
1,000 or more acres	80	176,263	6,609	3.7	48	19	7	7	...	8	72	389
Georgia	1,817	803,298	31,792	4.0	965	127	105	306	9	389	1,404	3,406
Under 10 acres	51	233	147	63.1	7	...	9	1	3	31	19	24
10 to 49 acres	173	4,776	887	18.6	55	4	17	17	3	83	90	143
50 to 69 acres	100	5,771	550	9.5	44	7	9	14	1	27	66	106
70 to 99 acres	136	11,162	801	7.2	60	6	8	30	...	36	97	134
100 to 139 acres	192	21,979	1,279	5.8	116	8	6	28	1	38	153	276
140 to 179 acres	169	26,731	1,574	5.9	97	10	4	32	...	30	136	256
180 to 219 acres	133	26,367	1,245	4.7	78	4	6	33	...	19	116	231
220 to 259 acres	108	25,971	1,036	4.0	65	3	...	24	...	21	95	213
260 to 499 acres	347	124,124	5,706	4.6	193	28	18	66	...	56	285	683
500 to 999 acres	255	173,323	7,968	4.6	158	24	18	44	...	32	217	692
1,000 or more acres	153	382,861	10,599	2.8	92	33	10	17	1	16	130	648
Florida	3,155	2,307,129	413,716	17.9	1,411	328	762	137	316	530	658	1,624
Under 10 acres	407	1,669	1,148	68.8	69	2	214	...	44	95	41	72
10 to 49 acres	770	19,302	11,196	58.0	279	28	186	27	131	164	127	300
50 to 69 acres	186	10,659	5,430	50.9	77	17	36	5	18	48	26	61
70 to 99 acres	183	14,901	8,104	54.4	83	16	40	8	22	31	47	91
100 to 139 acres	218	25,058	11,521	46.0	120	28	36	12	18	30	37	130
140 to 179 acres	173	27,314	10,705	39.2	96	23	24	8	14	28	38	74
180 to 219 acres	136	26,791	10,820	40.4	80	19	19	7	3	20	31	99
220 to 259 acres	104	24,703	8,078	32.7	66	5	19	6	6	14	32	57
260 to 499 acres	370	134,879	42,397	31.4	207	54	69	28	20	40	100	200
500 to 999 acres	281	191,966	56,132	29.2	170	56	48	14	15	31	82	234
1,000 or more acres	327	1,829,887	248,185	13.6	164	80	71	22	25	29	97	306
Kentucky	724	253,065	6,477	2.6	350	11	49	205	12	113	394	1,022
Under 10 acres	47	225	181	80.4	13	...	5	4	2	23	9	14
10 to 49 acres	56	1,505	419	27.8	19	...	12	8	3	14	22	45
50 to 69 acres	33	1,893	131	6.9	16	...	8	7	1	2	15	25
70 to 99 acres	37	3,018	145	4.8	19	...	4	9	1	5	25	44
100 to 139 acres	71	8,434	391	4.6	37	...	2	22	2	10	33	81
140 to 179 acres	77	12,209	411	3.4	40	...	3	23	...	13	49	113
180 to 219 acres	62	12,298	358	2.9	21	...	6	25	...	12	34	86
220 to 259 acres	53	12,678	291	2.3	22	2	1	23	...	8	27	64
260 to 499 acres	162	57,700	1,651	2.9	89	3	5	51	...	16	98	245
500 to 999 acres	89	60,960	1,065	1.7	50	1	3	28	1	8	54	161
1,000 or more acres	37	82,145	1,434	1.7	24	5	...	5	2	2	28	144
Tennessee	583	173,588	9,582	5.5	284	26	57	148	6	92	229	648
Under 10 acres	30	439	68	15.5	8	...	2	5	...	15	8	16
10 to 49 acres	73	2,060	261	12.7	37	1	7	10	...	19	21	38
50 to 69 acres	36	2,080	167	8.0	20	...	1	9	...	6	11	18
70 to 99 acres	40	3,371	204	6.1	24	2	3	8	...	3	17	31
100 to 139 acres	72	8,394	541	6.4	35	2	11	14	3	9	24	51
140 to 179 acres	48	7,565	343	4.5	21	...	5	13	1	10	15	26
180 to 219 acres	54	10,698	364	3.4	32	1	4	16	...	5	21	99
220 to 259 acres	34	8,059	294	3.6	17	...	4	11	1	3	14	32
260 to 499 acres	115	41,690	2,344	5.6	43	8	10	47	1	13	64	186
500 to 999 acres	50	32,394	2,104	6.5	27	4	5	11	...	6	21	82
1,000 or more acres	31	56,838	2,892	5.1	20	8	5	4	...	3	13	69

State Table 7.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SIZE OF FARM, BY STATES: 1960–Continued

State and size of farm	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Alabama	232	189,199	13,842	7.3	102	22	76	21	5	27	115	254
Under 10 acres	16	83	43	51.8	2	...	10	...	3	1	4	4
10 to 49 acres	34	921	389	42.2	10	3	14	...	...	8	7	8
50 to 69 acres	10	584	204	34.9	4	...	5	...	...	2	3	3
70 to 99 acres	8	653	131	20.1	...	...	5	1	...	2	3	4
100 to 139 acres	13	1,438	269	18.7	5	...	5	3	1	...	8	10
140 to 179 acres	12	1,901	252	13.3	6	...	5	1	1	1	6	9
180 to 219 acres	5	962	204	21.2	3	...	2	...	...	1	4	10
220 to 259 acres	9	2,138	306	14.3	4	1	1	2	...	2	4	6
260 to 499 acres	35	13,187	1,487	11.3	17	2	9	5	...	4	25	50
500 to 999 acres	43	32,478	3,481	10.7	20	5	13	3	...	4	22	62
1,000 or more acres	47	134,854	7,076	5.2	31	11	7	6	...	2	29	88
Mississippi	651	803,393	135,400	16.9	348	51	184	83	6	98	154	431
Under 10 acres	18	109	95	87.2	2	...	2	...	2	13	1	1
10 to 49 acres	47	993	643	64.8	10	...	5	...	...	34	7	7
50 to 69 acres	10	583	190	32.6	4	...	1	2	...	5	1	1
70 to 99 acres	11	919	190	20.7	6	...	1	2	1	2	5	11
100 to 139 acres	20	2,369	581	24.5	8	...	4	1	2	5	8	11
140 to 179 acres	20	3,176	909	28.6	14	...	1	2	...	4	7	14
180 to 219 acres	16	3,137	763	24.3	12	...	2	1	1	2	4	4
220 to 259 acres	18	4,296	1,087	25.3	9	...	4	2	...	4	6	13
260 to 499 acres	68	25,573	7,629	29.8	34	5	22	11	...	5	18	82
500 to 999 acres	145	105,027	25,666	24.4	77	11	47	27	...	12	36	71
1,000 or more acres	278	657,211	97,647	14.9	172	35	95	35	...	12	61	216
Arkansas	4,922	2,816,474	836,556	29.7	2,565	294	1,741	801	25	607	1,136	2,658
Under 10 acres	64	426	388	91.1	15	1	1	1	...	46	...	...
10 to 49 acres	350	8,468	5,576	65.8	74	8	33	36	2	205	32	50
50 to 69 acres	94	5,597	2,410	43.1	39	1	13	19	1	26	15	30
70 to 99 acres	252	20,751	8,224	39.6	118	5	37	61	4	41	39	46
100 to 139 acres	305	35,491	13,630	38.4	141	9	50	82	4	43	46	76
140 to 179 acres	335	53,090	17,246	32.5	157	10	84	62	3	42	68	112
180 to 219 acres	278	55,080	18,309	33.2	145	10	74	55	...	25	56	94
220 to 259 acres	260	61,482	21,601	35.1	126	13	67	49	1	29	39	63
260 to 499 acres	1,166	429,625	155,175	36.1	644	63	436	191	4	78	254	514
500 to 999 acres	1,121	778,043	274,582	35.3	661	96	569	164	3	45	330	1,003
1,000 or more acres	697	1,368,421	319,415	23.3	445	78	377	81	3	27	257	670

State Table 8.–FARMS REPORTING IRRIGATION AND ACRES IRRIGATED, 1960 AND 1955, AND TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, 1960, BY ACRES IRRIGATED, BY STATES

State and acres irrigated	Number of farms reporting irrigation		Acres irrigated		Farms reporting by type of power used for pumping, 1960					Farms not reporting type of power 1960	Constructed reservoirs, 1960	
	1960	1955	1960	1955	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Total, 30 States	29,777	NA	1,865,178	NA	15,480	1,727	4,822	4,360	985	5,044	15,252	32,948
1 to 9 acres irrigated	13,129	NA	57,470	NA	5,700	226	1,604	2,080	547	3,275	7,477	12,922
10 to 19 acres irrigated	4,865	NA	62,969	NA	2,726	190	477	808	137	781	3,072	6,988
20 to 29 acres irrigated	2,192	NA	49,818	NA	1,286	102	273	343	69	278	1,138	2,938
30 to 49 acres irrigated	2,361	NA	86,816	NA	1,360	158	311	316	91	316	1,027	2,533
50 to 99 acres irrigated	2,810	NA	189,809	NA	1,703	313	469	322	59	257	1,046	2,716
100 to 199 acres irrigated	2,035	NA	275,023	NA	1,263	315	575	219	35	78	696	1,917
200 to 499 acres irrigated	1,761	NA	523,101	NA	1,061	278	793	210	31	43	575	1,991
500 to 999 acres irrigated	466	NA	299,788	NA	297	90	252	52	11	12	171	760
1,000 or more acres irrigated	158	NA	320,384	NA	84	55	68	10	5	4	50	183
Total, 28 States[1]	21,700	11,997	614,906	487,495	11,504	1,105	2,319	3,422	644	3,907	13,458	28,666
1 to 9 acres irrigated	11,773	4,013	51,763	23,289	5,177	214	1,202	2,020	468	2,938	7,214	12,363
10 to 19 acres irrigated	4,002	2,129	51,554	34,517	2,390	157	345	719	91	510	2,897	6,677
20 to 29 acres irrigated	1,568	1,328	35,438	34,675	1,028	78	174	239	27	149	1,024	2,694
30 to 49 acres irrigated	1,494	1,331	54,374	50,653	994	111	160	171	32	148	867	2,191
50 to 99 acres irrigated	1,479	1,381	97,235	91,190	1,006	209	156	143	16	111	808	2,193
100 to 199 acres irrigated	803	677	104,529	84,894	538	188	118	75	9	31	413	1,264
200 to 499 acres irrigated	478	349	136,571	87,221	307	122	128	45	1	17	196	824
500 to 999 acres irrigated	86	77	55,243	36,735	50	23	32	10	...	3	32	412
1,000 or more acres irrigated	17	18	28,199	23,299	14	3	4	...	...	...	7	48
Not reported	...	694	...	21,022	...	...	...	...	...	...	...	...
Maine	104	50	2,438	1,054	76	3	6	9	9	6	81	172
1 to 9 acres irrigated	52	21	171	169	31	...	5	3	8	5	36	56
10 to 19 acres irrigated	20	5	214	82	16	...	...	2	1	1	17	37
20 to 29 acres irrigated	8	3	171	56	8	...	...	1	...	...	7	13
30 to 49 acres irrigated	6	1	215	100	6	...	...	...	...	...	6	10
50 to 99 acres irrigated	15	1	937	75	13	2	...	3	...	...	13	50
100 to 199 acres irrigated	1	...	100	...	1	...	...	...	...	...	...	...
200 to 499 acres irrigated	2	...	630	...	1	1	...	...	...	...	2	6
500 to 999 acres irrigated	...	...	...	...	...	...	1	...	...	...	...	...
1,000 or more acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
Not reported	...	19	...	572	...	...	...	...	...	...	...	...
New Hampshire	70	50	1,129	956	46	2	11	3	8	4	41	72
1 to 9 acres irrigated	45	20	164	95	26	...	10	1	6	3	25	39
10 to 19 acres irrigated	11	15	133	318	7	1	1	1	1	1	7	14
20 to 29 acres irrigated	2	5	40	128	2	...	...	...	...	...	1	1
30 to 49 acres irrigated	6	4	198	167	5	...	...	...	1	...	2	6
50 to 99 acres irrigated	4	2	221	164	4	...	...	...	...	...	4	8
100 to 199 acres irrigated	1	...	171	...	1	...	...	1	...	...	1	1
200 to 499 acres irrigated	1	...	202	...	1	1	...	...	...	...	1	3
500 to 999 acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
1,000 or more acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
Not reported	...	4	...	84	...	...	...	...	...	...	...	...
Vermont	13	18	598	321	7	2	...	1	3	2	7	12
1 to 9 acres irrigated	5	6	26	20	4	...	...	...	...	1	3	3
10 to 19 acres irrigated	1	6	12	130	...	...	...	...	1	...	...	...
20 to 29 acres irrigated	...	2	...	26	...	...	...	...	...	...	...	...
30 to 49 acres irrigated	3	1	110	41	2	...	...	1	1	...	...	...
50 to 99 acres irrigated	2	1	100	80	...	1	...	...	...	1	2	3
100 to 199 acres irrigated	1	...	100	...	...	...	...	...	1	...	1	2
200 to 499 acres irrigated	1	...	250	...	1	1	...	...	...	...	1	4
500 to 999 acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
1,000 or more acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
Not reported	...	2	...	24	...	...	...	...	...	...	...	...
Massachusetts	958	442	17,841	9,895	410	8	84	20	160	332	408	865
1 to 9 acres irrigated	578	183	2,232	1,037	183	...	29	9	112	254	174	236
10 to 19 acres irrigated	187	113	2,325	1,869	100	1	17	7	30	43	104	204
20 to 29 acres irrigated	67	43	1,547	1,003	42	...	11	2	8	13	45	98
30 to 49 acres irrigated	55	38	1,987	1,495	33	2	9	1	6	11	34	79
50 to 99 acres irrigated	49	20	3,214	1,318	36	4	10	1	4	6	35	136
100 to 199 acres irrigated	15	11	2,179	1,349	12	...	6	...	...	3	12	52
200 to 499 acres irrigated	3	3	805	982	2	1	1	...	...	...	2	6
500 to 999 acres irrigated	3	1	2,152	250	1	...	1	...	...	2	1	30
1,000 or more acres irrigated	1	...	1,400	...	1	...	...	...	...	...	1	24
Not reported	...	30	...	592	...	...	...	...	...	...	...	...
Rhode Island	26	30	305	683	15	...	4	3	4	1	16	22
1 to 9 acres irrigated	13	14	57	44	5	...	4	2	2	...	6	8
10 to 19 acres irrigated	5	6	59	81	5	...	...	...	...	...	5	6
20 to 29 acres irrigated	8	3	189	81	5	...	...	1	2	1	5	8
30 to 49 acres irrigated	...	3	...	57	...	...	...	...	...	...	...	...
50 to 99 acres irrigated	...	2	...	170	...	...	...	...	...	...	...	...
100 to 199 acres irrigated	...	1	...	100	...	...	...	...	...	...	...	...
200 to 499 acres irrigated	...	1	...	150	...	...	...	...	...	...	...	...
500 to 999 acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
1,000 or more acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
Connecticut	173	309	4,393	13,056	118	3	24	7	7	22	117	241
1 to 9 acres irrigated	74	75	268	403	36	...	20	3	6	11	43	67
10 to 19 acres irrigated	37	59	437	840	31	...	1	2	...	4	25	46
20 to 29 acres irrigated	18	51	417	1,169	13	...	1	1	1	3	14	26
30 to 49 acres irrigated	22	45	789	1,805	19	...	...	...	...	3	15	31
50 to 99 acres irrigated	15	36	962	2,621	14	2	1	...	...	...	13	33
100 to 199 acres irrigated	6	16	720	1,937	4	1	1	...	...	1	6	24
200 to 499 acres irrigated	...	3	...	1,415	...	...	...	...	...	...	...	...
500 to 999 acres irrigated	1	4	800	2,414	1	...	...	1	...	...	1	14
1,000 or more acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
Not reported	...	20	...	452	...	...	...	...	...	...	...	...

See footnotes at end of table.

State Table 8.–FARMS REPORTING IRRIGATION AND ACRES IRRIGATED, 1960 AND 1955, AND TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, 1960, BY ACRES IRRIGATED, BY STATES–Continued

State and acres irrigated	Number of farms reporting irrigation		Acres irrigated		Farms reporting by type of power used for pumping, 1960					Farms not reporting type of power 1960	Constructed reservoirs, 1960	
	1960	1955	1960	1955	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
New York	1,217	1,231	50,541	58,474	694	183	172	40	86	145	428	827
1 to 9 acres irrigated	386	308	1,436	1,591	151	4	99	13	65	62	127	192
10 to 19 acres irrigated	154	145	2,038	2,466	104	1	20	5	10	21	67	121
20 to 29 acres irrigated	131	115	2,955	3,421	89	5	15	4	4	18	55	107
30 to 49 acres irrigated	178	183	6,637	7,338	115	21	22	6	5	19	69	116
50 to 99 acres irrigated	232	256	15,429	17,993	150	62	10	10	1	22	65	168
100 to 199 acres irrigated	106	111	13,903	15,040	66	72	3	2	1	2	36	94
200 to 499 acres irrigated	30	25	8,143	7,453	19	18	3	...	...	1	9	29
500 to 999 acres irrigated	...	1	...	600	...	...	...	...	...	...	...	...
1,000 or more acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
Not reported	...	87	...	2,572	...	...	...	...	...	...	...	...
New Jersey	1,632	1,353	69,301	57,923	1,114	61	275	67	65	180	828	1,538
1 to 9 acres irrigated	480	352	2,059	2,083	237	2	125	14	46	69	142	176
10 to 19 acres irrigated	315	224	4,099	3,776	217	5	46	13	13	42	135	198
20 to 29 acres irrigated	176	160	3,949	4,267	135	2	26	10	...	15	86	128
30 to 49 acres irrigated	236	186	8,656	8,247	181	5	28	13	1	26	151	244
50 to 99 acres irrigated	271	224	17,610	16,397	212	24	26	15	2	21	188	334
100 to 199 acres irrigated	114	86	14,516	11,131	96	19	17	2	2	4	94	251
200 to 499 acres irrigated	36	15	10,052	4,265	32	3	6	...	1	3	28	188
500 to 999 acres irrigated	3	1	1,800	500	3	1	1	...	...	...	3	16
1,000 or more acres irrigated	1	2	6,560	4,239	1	...	...	...	...	...	1	3
Not reported	...	103	...	3,018	...	...	...	...	...	...	...	...
Pennsylvania	449	569	7,570	17,524	243	15	116	41	25	38	246	397
1 to 9 acres irrigated	254	215	903	1,192	112	1	82	19	20	27	124	191
10 to 19 acres irrigated	83	109	1,102	1,864	53	3	19	11	3	4	49	70
20 to 29 acres irrigated	36	66	796	1,707	25	3	7	5	...	1	27	42
30 to 49 acres irrigated	35	77	1,263	2,961	24	2	4	3	1	3	22	39
50 to 99 acres irrigated	31	59	1,921	3,461	21	5	1	3	1	3	15	28
100 to 199 acres irrigated	6	14	680	1,943	6	...	...	...	...	...	6	19
200 to 499 acres irrigated	4	7	905	2,353	2	1	3	...	...	...	3	8
500 to 999 acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
1,000 or more acres irrigated	...	1	...	1,815	...	...	...	...	...	...	...	...
Not reported	...	21	...	228	...	...	...	...	...	...	...	...
Ohio	450	575	9,153	12,622	192	6	176	26	40	39	211	324
1 to 9 acres irrigated	260	276	819	1,385	81	1	120	8	37	22	121	153
10 to 19 acres irrigated	77	95	959	1,233	36	1	26	8	3	9	36	63
20 to 29 acres irrigated	33	53	754	1,174	23	...	7	3	...	2	15	26
30 to 49 acres irrigated	33	56	1,201	2,007	23	...	7	6	...	2	17	31
50 to 99 acres irrigated	26	52	1,778	3,362	14	4	8	1	...	2	9	19
100 to 199 acres irrigated	14	15	1,725	1,642	9	...	5	...	...	2	9	21
200 to 499 acres irrigated	6	6	1,417	1,558	5	...	3	...	...	...	3	9
500 to 999 acres irrigated	1	...	500	...	1	...	...	...	...	...	1	2
1,000 or more acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
Not reported	...	22	...	261	...	...	...	...	...	...	...	...
Indiana	330	262	13,429	10,357	167	24	95	41	6	19	115	214
1 to 9 acres irrigated	158	120	563	498	62	...	64	19	5	10	46	87
10 to 19 acres irrigated	50	51	649	844	24	4	17	7	...	3	18	32
20 to 29 acres irrigated	25	14	567	310	16	3	3	6	...	2	11	23
30 to 49 acres irrigated	24	21	860	821	17	2	4	3	...	1	12	23
50 to 99 acres irrigated	36	23	2,349	1,405	22	5	3	3	1	3	16	27
100 to 199 acres irrigated	23	19	2,677	2,094	15	5	2	2	...	...	5	8
200 to 499 acres irrigated	12	4	2,944	945	9	5	2	...	...	...	7	14
500 to 999 acres irrigated	1	2	800	850	1	...	...	1	...	...	...	...
1,000 or more acres irrigated	1	1	2,020	2,460	1	...	...	...	...	...	...	...
Not reported	...	7	...	130	...	...	...	...	...	...	...	...
Illinois	199	152	6,923	4,632	93	14	41	39	14	18	67	152
1 to 9 acres irrigated	71	60	250	284	24	1	22	8	13	7	25	51
10 to 19 acres irrigated	29	32	369	408	18	1	7	4	...	2	9	25
20 to 29 acres irrigated	31	18	670	411	18	2	4	7	1	3	10	16
30 to 49 acres irrigated	26	13	931	514	15	3	6	5	...	2	5	17
50 to 99 acres irrigated	23	10	1,612	685	11	1	1	10	...	1	11	15
100 to 199 acres irrigated	15	4	1,974	400	6	4	1	5	...	2	5	17
200 to 499 acres irrigated	3	4	600	995	...	2	...	...	...	1	1	1
500 to 999 acres irrigated	1	...	517	...	1	...	...	...	...	...	1	10
1,000 or more acres irrigated	...	1	...	800	...	...	...	...	...	...	...	...
Not reported	...	10	...	135	...	...	...	...	...	...	...	...
Michigan	1,417	1,072	31,418	23,931	919	31	304	153	27	82	722	1,121
1 to 9 acres irrigated	594	398	2,464	2,298	333	1	165	54	21	35	266	371
10 to 19 acres irrigated	325	248	4,213	4,186	233	3	49	42	2	15	187	269
20 to 29 acres irrigated	171	150	3,824	3,909	118	2	38	19	3	11	96	157
30 to 49 acres irrigated	170	86	6,085	3,271	123	7	22	25	...	13	92	156
50 to 99 acres irrigated	102	77	6,572	5,374	75	7	18	9	1	3	53	111
100 to 199 acres irrigated	45	25	5,705	3,469	33	6	11	4	...	3	24	49
200 to 499 acres irrigated	10	...	2,555	...	4	5	1	...	...	2	4	8
500 to 999 acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
1,000 or more acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
Not reported	...	88	...	1,424	...	...	...	...	...	...	...	...
Wisconsin	479	273	28,239	12,835	260	44	55	74	57	33	272	610
1 to 9 acres irrigated	145	97	585	504	76	2	30	14	16	11	60	100
10 to 19 acres irrigated	74	43	955	620	33	...	11	17	12	5	50	90
20 to 29 acres irrigated	48	25	1,083	894	27	1	4	8	5	5	31	70
30 to 49 acres irrigated	70	26	2,562	1,103	38	7	2	6	15	4	47	110
50 to 99 acres irrigated	59	23	4,155	1,642	32	7	4	12	6	5	38	101
100 to 199 acres irrigated	50	21	6,402	3,122	29	12	3	12	3	2	29	91
200 to 499 acres irrigated	27	12	8,177	2,960	21	10	1	5	...	1	14	36
500 to 999 acres irrigated	6	...	4,320	...	4	5	...	...	...	...	3	12
1,000 or more acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
Not reported	...	26	...	1,990	...	...	...	...	...	...	...	...

See footnotes at end of table.

State Table 8.–FARMS REPORTING IRRIGATION AND ACRES IRRIGATED, 1960 AND 1955, AND TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, 1960, BY ACRES IRRIGATED, BY STATES–Continued

State and acres irrigated	Number of farms reporting irrigation		Acres irrigated		Farms reporting by type of power used for pumping, 1960					Farms not reporting type of power 1960	Constructed reservoirs, 1960	
	1960	1955	1960	1955	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Minnesota	335	246	12,266	7,392	161	21	82	58	7	37	65	85
1 to 9 acres irrigated	144	90	448	463	44	...	57	16	6	21	27	34
10 to 19 acres irrigated	48	27	628	379	29	3	9	7	...	5	8	12
20 to 29 acres irrigated	24	34	528	890	13	2	2	4	...	4	1	2
30 to 49 acres irrigated	26	30	908	1,362	19	...	1	8	...	1	9	12
50 to 99 acres irrigated	56	42	3,851	2,762	35	9	6	13	...	3	13	17
100 to 199 acres irrigated	29	6	3,717	746	20	2	6	7	1	2	5	5
200 to 499 acres irrigated	7	2	1,686	450	1	4	1	3	...	1	1	1
500 to 999 acres irrigated	1	...	500	...	...	1	...	...	...	...	1	2
1,000 or more acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
Not reported	...	15	...	340	...	...	...	...	...	...	...	...
Iowa	218	95	13,765	2,838	100	16	29	62	9	12	34	70
1 to 9 acres irrigated	49	25	160	135	12	...	11	13	7	6	7	13
10 to 19 acres irrigated	27	20	367	328	10	1	4	10	1	1	5	15
20 to 29 acres irrigated	21	14	476	376	13	...	1	8	1	...	4	16
30 to 49 acres irrigated	34	9	1,278	445	18	5	2	13	...	1	6	9
50 to 99 acres irrigated	45	7	3,178	635	28	3	3	11	...	2	5	7
100 to 199 acres irrigated	25	3	3,645	455	12	3	5	5	...	1	4	5
200 to 499 acres irrigated	16	...	4,081	...	7	4	2	2	...	1	2	3
500 to 999 acres irrigated	1	...	580	...	...	...	1	...	...	...	1	2
1,000 or more acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
Not reported	...	17	...	464	...	...	...	...	...	...	...	...
Missouri	409	418	23,512	21,355	210	12	84	36	46	44	105	218
1 to 9 acres irrigated	135	113	503	580	35	...	33	9	38	22	43	90
10 to 19 acres irrigated	51	51	647	678	25	...	17	2	8	3	20	31
20 to 29 acres irrigated	35	44	777	1,238	16	...	5	6	...	8	8	15
30 to 49 acres irrigated	58	47	2,150	1,930	42	2	7	5	...	6	17	37
50 to 99 acres irrigated	56	66	3,779	3,760	43	...	7	7	...	4	7	21
100 to 199 acres irrigated	43	55	5,570	5,911	31	5	7	3	...	...	6	11
200 to 499 acres irrigated	26	28	7,117	5,124	16	4	7	3	...	...	3	8
500 to 999 acres irrigated	5	4	2,969	1,668	2	1	1	1	...	1	1	5
1,000 or more acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
Not reported	...	10	...	466	...	...	...	...	...	...	...	...
Delaware	110	58	9,705	6,343	78	16	12	8	...	5	79	143
1 to 9 acres irrigated	18	4	67	114	7	...	7	2	...	3	9	13
10 to 19 acres irrigated	5	5	66	169	2	...	2	2	...	...	2	2
20 to 29 acres irrigated	5	3	114	351	3	1	1	...	...	...	4	5
30 to 49 acres irrigated	15	7	561	377	11	...	...	4	...	1	11	26
50 to 99 acres irrigated	28	16	1,808	1,526	23	4	1	...	...	1	22	35
100 to 199 acres irrigated	29	18	3,923	2,678	23	6	...	...	...	...	22	33
200 to 499 acres irrigated	9	3	2,641	875	8	4	1	...	...	...	8	23
500 to 999 acres irrigated	1	...	525	...	1	1	...	...	...	...	1	6
1,000 or more acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
Not reported	...	2	...	253	...	...	...	...	...	...	...	...
Maryland	223	150	8,051	8,133	149	11	31	23	10	13	160	510
1 to 9 acres irrigated	75	42	287	202	30	1	20	10	9	7	44	59
10 to 19 acres irrigated	42	16	588	257	33	1	7	6	1	...	32	43
20 to 29 acres irrigated	25	20	569	658	20	...	1	1	...	4	19	30
30 to 49 acres irrigated	34	14	1,212	522	27	3	2	3	...	...	25	53
50 to 99 acres irrigated	31	26	2,103	1,757	26	2	...	2	...	2	24	50
100 to 199 acres irrigated	11	12	1,442	1,780	9	1	...	1	...	...	11	26
200 to 499 acres irrigated	3	5	750	1,393	3	1	1	...	...	...	3	44
500 to 999 acres irrigated	2	1	1,100	800	1	2	...	...	...	...	2	205
1,000 or more acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
Not reported	...	14	...	764	...	...	...	...	...	...	...	...
Virginia	1,554	426	26,519	16,465	813	78	70	339	9	302	1,184	2,326
1 to 9 acres irrigated	1,010	131	4,863	688	442	32	39	241	9	269	715	1,193
10 to 19 acres irrigated	308	75	4,010	1,081	208	11	8	63	...	28	272	603
20 to 29 acres irrigated	84	39	1,869	627	54	8	5	21	...	2	71	189
30 to 49 acres irrigated	47	48	1,685	1,431	32	9	4	4	...	1	36	86
50 to 99 acres irrigated	62	63	4,113	3,922	46	8	6	7	...	2	53	113
100 to 199 acres irrigated	23	38	2,820	4,387	14	6	3	1	...	...	18	43
200 to 499 acres irrigated	16	13	5,083	3,301	13	4	5	1	...	...	15	82
500 to 999 acres irrigated	4	1	2,076	200	4	...	...	1	...	...	4	17
1,000 or more acres irrigated	...	1	...	300	...	...	...	...	...	...	...	...
Not reported	...	17	...	528	...	...	...	...	...	...	...	...
West Virginia	21	26	358	973	13	1	4	...	1	2	7	12
1 to 9 acres irrigated	15	8	42	36	8	...	4	...	1	2	6	10
10 to 19 acres irrigated	1	6	18	85	1	...	...	...	...	...	...	...
20 to 29 acres irrigated	1	1	20	15	1	...	...	...	...	...	...	...
30 to 49 acres irrigated	1	6	40	159	1	...	...	...	...	...	...	...
50 to 99 acres irrigated	2	3	138	218	1	1	...	...	...	...	1	2
100 to 199 acres irrigated	1	1	100	150	1	...	...	...	...	...	...	...
200 to 499 acres irrigated	...	1	...	310	...	...	...	...	...	...	...	...
500 to 999 acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
1,000 or more acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
North Carolina	6,255	1,197	58,573	21,350	3,076	233	109	1,493	7	1,529	5,098	10,911
1 to 9 acres irrigated	4,348	502	21,667	3,100	1,952	95	60	997	6	1,321	3,349	5,663
10 to 19 acres irrigated	1,399	315	18,046	4,368	781	77	27	381	...	191	1,285	3,301
20 to 29 acres irrigated	302	148	6,833	3,380	201	31	11	84	...	5	285	1,014
30 to 49 acres irrigated	131	122	4,639	3,637	90	13	4	22	1	8	116	530
50 to 99 acres irrigated	56	57	3,478	2,401	38	11	4	7	...	4	45	303
100 to 199 acres irrigated	16	10	2,000	894	12	6	1	2	...	...	15	77
200 to 499 acres irrigated	2	9	510	2,194	2	...	1	...	...	...	2	19
500 to 999 acres irrigated	...	2	...	896	...	...	...	...	...	...	...	...
1,000 or more acres irrigated	1	...	1,400	...	...	...	1	...	...	...	1	4
Not reported	...	32	...	480	...	...	...	...	...	...	...	...

See footnotes at end of table.

State Table 8.–FARMS REPORTING IRRIGATION AND ACRES IRRIGATED, 1960 AND 1955, AND TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, 1960, BY ACRES IRRIGATED, BY STATES–Continued

State and acres irrigated	Number of farms reporting irrigation		Acres irrigated		Farms reporting by type of power used for pumping, 1960					Farms not reporting type of power 1960	Constructed reservoirs, 1960	
	1960	1955	1960	1955	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
South Carolina	1,051	350	21,786	16,504	501	84	64	116	6	323	871	2,063
1 to 9 acres irrigated	591	101	2,692	1,113	233	14	36	61	4	255	472	788
10 to 19 acres irrigated	183	69	2,350	1,239	102	17	9	30	1	31	160	408
20 to 29 acres irrigated	94	47	2,199	1,309	60	6	5	13	...	15	85	247
30 to 49 acres irrigated	66	40	2,376	1,222	37	11	4	6	...	11	50	157
50 to 99 acres irrigated	73	41	4,521	2,432	45	18	7	2	...	9	66	263
100 to 199 acres irrigated	33	19	4,268	2,452	19	12	3	2	1	1	30	135
200 to 499 acres irrigated	10	12	2,680	2,488	4	5	...	2	...	1	7	56
500 to 999 acres irrigated	1	4	700	2,625	1	1	...	...	...	...	1	9
1,000 or more acres irrigated	...	1	...	1,015	...	...	...	...	...	...	...	...
Not reported	...	16	...	609	...	...	...	...	...	...	...	...
Georgia	1,817	734	31,792	25,271	965	127	105	306	9	389	1,404	3,406
1 to 9 acres irrigated	1,156	273	5,054	2,178	572	49	42	201	7	311	842	1,568
10 to 19 acres irrigated	351	143	4,487	2,954	206	24	29	69	1	47	307	823
20 to 29 acres irrigated	109	98	2,498	2,589	66	3	12	20	1	14	93	313
30 to 49 acres irrigated	75	62	2,740	2,461	49	9	9	8	...	11	62	234
50 to 99 acres irrigated	63	64	3,857	4,161	33	17	6	7	...	5	48	170
100 to 199 acres irrigated	33	28	3,865	3,485	22	10	5	1	...	...	28	123
200 to 499 acres irrigated	25	15	6,616	4,369	16	11	1	...	...	1	20	135
500 to 999 acres irrigated	5	3	2,675	1,570	1	4	1	...	...	...	4	40
1,000 or more acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
Not reported	...	48	...	1,504	...	...	...	...	...	...	...	...
Florida	3,155	NA	413,716	NA	1,411	328	762	137	316	530	658	1,624
1 to 9 acres irrigated	1,090	NA	4,241	NA	420	11	382	16	70	241	204	449
10 to 19 acres irrigated	468	NA	6,061	NA	228	20	95	17	44	94	126	228
20 to 29 acres irrigated	274	NA	6,179	NA	114	18	50	20	41	51	77	157
30 to 49 acres irrigated	326	NA	11,910	NA	131	30	53	18	56	66	76	212
50 to 99 acres irrigated	354	NA	24,176	NA	165	64	55	19	40	56	62	191
100 to 199 acres irrigated	238	NA	31,981	NA	143	50	47	14	24	11	44	172
200 to 499 acres irrigated	234	NA	71,144	NA	125	64	53	21	26	6	39	110
500 to 999 acres irrigated	94	NA	63,121	NA	55	32	15	7	10	2	17	77
1,000 or more acres irrigated	77	NA	194,903	NA	30	39	12	5	5	3	13	28
Kentucky	724	449	6,477	6,313	350	11	49	205	12	113	394	1,022
1 to 9 acres irrigated	551	208	2,182	929	245	6	38	176	9	89	291	670
10 to 19 acres irrigated	102	87	1,284	963	63	3	4	18	2	15	57	169
20 to 29 acres irrigated	32	42	743	957	18	...	5	4	1	5	18	55
30 to 49 acres irrigated	23	52	842	1,048	14	...	1	5	...	3	15	62
50 to 99 acres irrigated	12	29	739	1,259	8	1	1	2	...	...	10	46
100 to 199 acres irrigated	3	11	400	781	2	...	...	...	...	1	2	18
200 to 499 acres irrigated	1	2	287	223	...	1	...	...	...	...	1	2
500 to 999 acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
1,000 or more acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
Not reported	...	18	...	153	...	...	...	...	...	...	...	...
Tennessee	583	558	9,582	16,819	284	26	57	148	6	92	229	648
1 to 9 acres irrigated	433	210	1,273	1,019	202	4	31	124	5	77	164	439
10 to 19 acres irrigated	43	60	520	892	26	...	3	8	1	6	21	63
20 to 29 acres irrigated	30	59	666	1,324	14	4	6	6	...	3	15	49
30 to 49 acres irrigated	32	69	1,155	1,994	15	7	5	6	...	3	11	38
50 to 99 acres irrigated	22	56	1,497	2,895	15	4	5	3	...	...	10	16
100 to 199 acres irrigated	14	32	1,716	3,341	6	6	1	1	...	3	5	28
200 to 499 acres irrigated	8	19	2,246	4,064	5	1	6	...	...	...	3	15
500 to 999 acres irrigated	1	...	509	...	1	...	...	...	...	...	...	...
1,000 or more acres irrigated	...	...	...	...	...	...	...	...	...	...	...	...
Not reported	...	53	...	1,290	...	...	...	...	...	...	...	...
Alabama	232	266	13,842	12,641	102	22	76	21	5	27	115	254
1 to 9 acres irrigated	66	69	234	453	11	1	39	3	5	7	24	39
10 to 19 acres irrigated	27	48	331	1,002	11	...	8	2	...	7	10	18
20 to 29 acres irrigated	22	26	509	589	12	4	2	...	...	5	10	22
30 to 49 acres irrigated	41	30	1,526	1,125	18	3	11	10	...	4	26	55
50 to 99 acres irrigated	41	51	2,587	3,115	26	4	11	4	...	3	26	67
100 to 199 acres irrigated	20	28	2,569	3,385	15	4	1	2	...	1	11	35
200 to 499 acres irrigated	13	10	3,838	2,548	9	5	3	...	...	...	7	16
500 to 999 acres irrigated	1	...	980	...	...	...	1	...	...	...	...	...
1,000 or more acres irrigated	1	...	1,268	...	...	1	...	...	...	...	1	2
Not reported	...	4	...	424	...	...	...	...	...	...	...	...
Mississippi	651	638	135,400	100,835	348	51	184	83	6	98	154	431
1 to 9 acres irrigated	67	92	294	676	23	...	10	...	5	31	23	54
10 to 19 acres irrigated	47	56	648	1,405	16	...	4	2	...	26	9	14
20 to 29 acres irrigated	30	45	675	1,816	16	1	2	5	...	10	8	22
30 to 49 acres irrigated	47	55	1,768	3,013	20	...	6	8	1	14	11	30
50 to 99 acres irrigated	67	74	4,726	5,600	35	3	17	11	...	9	16	50
100 to 199 acres irrigated	126	93	17,642	12,222	74	8	37	22	...	3	28	96
200 to 499 acres irrigated	207	150	62,356	36,806	126	30	81	29	...	5	49	108
500 to 999 acres irrigated	48	53	31,740	24,362	27	7	24	6	...	...	7	42
1,000 or more acres irrigated	12	11	15,551	12,670	11	2	3	...	...	...	3	15
Not reported	...	9	...	2,265	...	...	...	...	...	...	...	...
Arkansas	4,922	NA	836,556	NA	2,565	294	1,741	801	25	607	1,136	2,658
1 to 9 acres irrigated	266	NA	1,466	NA	103	1	20	44	9	96	59	110
10 to 19 acres irrigated	395	NA	5,354	NA	108	13	37	72	2	177	49	83
20 to 29 acres irrigated	350	NA	8,201	NA	144	6	49	84	1	78	37	87
30 to 49 acres irrigated	541	NA	20,532	NA	235	17	98	127	3	102	84	130
50 to 99 acres irrigated	977	NA	68,398	NA	532	40	258	160	3	90	176	332
100 to 199 acres irrigated	994	NA	138,513	NA	582	77	410	130	2	36	239	481
200 to 499 acres irrigated	1,049	NA	315,386	NA	629	92	612	144	4	20	340	1,057
500 to 999 acres irrigated	286	NA	181,424	NA	192	35	205	35	1	7	122	271
1,000 or more acres irrigated	64	NA	97,282	NA	40	13	52	5	...	1	30	107

NA Not available.
[1]Totals for 28 States. Arkansas and Florida not included in humid area States in 1954.

State Table 9.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY TENURE OF OPERATOR, BY STATES: 1960

State and tenure of farm operator	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Total, 30 States	29,777	11,033,788	1,865,178	16.8	15,480	1,727	4,822	4,360	985	5,044	15,252	32,948
Full owners	12,365	3,901,146	546,999	14.0	6,291	604	2,377	1,554	726	1,655	5,862	12,160
Part owners	9,534	4,645,140	779,820	16.8	5,705	688	1,482	1,727	147	951	5,419	12,677
Managers	889	1,267,269	161,365	12.7	494	95	201	85	48	108	434	1,259
Tenants	6,989	1,270,233	376,994	29.7	2,990	340	762	994	64	2,330	3,537	6,852
Maine	104	23,989	2,438	10.2	76	3	6	9	9	6	81	172
Full owners	58	13,256	1,115	8.4	41	...	4	3	7	4	42	61
Part owners	33	9,017	1,180	13.1	26	3	1	4	2	1	29	89
Managers	5	1,377	48	3.5	4	...	1	...	...	...	5	7
Tenants	8	339	95	28.0	5	...	...	2	...	1	5	15
New Hampshire	70	10,811	1,129	10.4	46	2	11	3	8	4	41	72
Full owners	41	4,194	317	7.6	22	...	10	2	6	2	23	31
Part owners	27	6,597	792	12.0	23	2	...	1	2	1	17	38
Managers	1	10	10	100.0	...	...	...	...	...	1	...	...
Tenants	1	10	10	100.0	1	...	1	...	...	...	1	3
Vermont	13	5,331	598	11.2	7	2	...	1	3	2	7	12
Full owners	9	3,355	435	13.0	5	1	...	1	2	2	4	7
Part owners	4	1,976	163	8.2	2	1	...	...	1	...	3	5
Managers	...	...	...	...	...	...	...	...	...	...	...	...
Tenants	...	...	...	...	...	...	...	...	...	...	...	...
Massachusetts	958	114,198	17,841	15.6	410	8	84	20	160	332	408	865
Full owners	784	70,126	10,329	14.7	302	5	62	14	134	302	303	609
Part owners	121	15,668	4,097	26.1	80	3	12	6	13	18	80	159
Managers	32	27,462	3,040	11.1	19	...	10	...	8	5	16	82
Tenants	21	942	375	39.8	9	...	...	...	5	7	9	15
Rhode Island	26	4,066	305	7.5	15	...	4	3	4	1	16	22
Full owners	10	325	89	27.4	7	...	...	2	2	...	5	6
Part owners	12	1,166	139	11.9	7	...	4	...	1	...	9	13
Managers	2	2,505	49	2.0	1	...	...	...	1	...	...	...
Tenants	2	70	28	40.0	...	...	...	1	...	1	2	3
Connecticut	173	28,181	4,393	15.6	118	3	24	7	7	22	117	241
Full owners	81	10,411	1,820	17.5	49	2	18	4	4	9	48	92
Part owners	71	15,537	2,097	13.5	56	1	4	3	2	8	57	125
Managers	6	1,570	229	14.6	4	...	1	...	...	1	4	12
Tenants	15	663	247	37.3	9	...	1	...	1	4	8	12
New York	1,217	186,735	50,541	27.1	694	183	172	40	86	145	428	827
Full owners	553	50,677	14,383	28.4	265	61	113	14	56	66	168	272
Part owners	522	116,025	29,430	25.4	354	94	50	26	15	57	217	478
Managers	24	10,029	506	5.0	7	2	5	...	5	6	9	16
Tenants	118	10,004	6,222	62.2	68	26	4	...	10	16	34	61
New Jersey	1,632	244,249	69,301	28.4	1,114	61	275	67	65	180	828	1,538
Full owners	843	100,394	21,672	21.6	515	19	155	26	50	119	389	722
Part owners	628	104,325	33,842	32.4	487	31	102	32	9	42	356	681
Managers	20	8,993	1,327	14.8	9	1	4	...	...	6	9	19
Tenants	141	30,537	12,460	40.8	103	10	14	9	6	13	74	116
Pennsylvania	449	117,100	7,570	6.5	243	15	116	41	25	38	246	397
Full owners	274	41,457	3,362	8.1	136	6	88	21	14	25	150	224
Part owners	125	39,222	3,140	8.0	78	7	15	17	7	10	73	139
Managers	19	34,109	708	2.1	12	1	4	1	2	2	12	19
Tenants	31	2,312	360	15.6	17	1	9	2	2	1	11	15
Ohio	450	62,579	9,153	14.6	192	6	176	26	40	39	211	324
Full owners	255	18,634	3,453	18.5	99	2	108	10	32	18	119	173
Part owners	145	30,966	5,046	16.3	71	4	50	15	5	14	73	118
Managers	20	8,444	272	3.2	4	...	13	...	...	3	9	15
Tenants	30	4,535	382	8.4	18	...	5	1	3	4	10	18
Indiana	330	96,044	13,429	14.0	167	24	95	41	6	19	115	214
Full owners	178	33,049	3,767	11.4	77	11	65	19	5	8	59	109
Part owners	110	44,045	8,174	18.6	67	13	17	17	1	7	43	86
Managers	14	12,643	718	5.7	6	...	7	1	...	2	5	6
Tenants	28	6,307	770	12.2	17	...	6	4	...	2	8	13
Illinois	199	50,750	6,923	13.6	93	14	41	39	14	18	67	152
Full owners	99	13,952	2,630	18.9	46	3	22	16	10	8	36	82
Part owners	74	25,637	3,449	13.5	38	6	15	17	2	5	22	45
Managers	2	750	135	18.0	1	2	...	...	...	...	2	10
Tenants	24	10,411	709	6.8	8	3	4	6	2	5	7	15
Michigan	1,417	267,913	31,418	11.7	919	31	304	153	27	82	722	1,121
Full owners	912	111,619	16,144	14.5	557	13	211	102	20	57	440	655
Part owners	459	125,325	14,035	11.2	336	17	83	47	6	19	261	439
Managers	18	27,455	789	2.9	11	...	6	...	...	2	6	9
Tenants	28	3,514	450	12.8	15	1	4	4	1	4	15	18
Wisconsin	479	265,040	28,239	10.7	260	44	55	74	57	33	272	610
Full owners	316	136,808	12,010	8.8	156	26	35	51	50	21	183	409
Part owners	116	72,380	12,629	17.4	79	14	11	18	4	7	65	138
Managers	29	52,738	2,771	5.3	16	3	4	2	2	5	17	53
Tenants	18	3,114	829	26.6	9	1	5	3	1	...	7	10
Minnesota	335	66,093	12,266	18.6	161	21	82	58	7	37	65	85
Full owners	199	23,817	4,506	18.9	87	10	58	22	5	28	37	48
Part owners	113	34,680	6,858	19.8	63	11	19	34	2	4	26	35
Managers	12	5,728	459	8.0	6	...	3	...	...	3	1	1
Tenants	11	1,868	443	23.7	5	...	2	2	...	2	1	1

State Table 9.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY TENURE OF OPERATOR, BY STATES: 1960–Continued

State and tenure of farm operator	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Iowa	218	73,722	13,765	18.7	100	16	29	62	9	12	34	70
Full owners	73	15,214	3,328	21.9	30	3	14	22	3	7	12	27
Part owners	85	34,236	6,381	18.6	38	6	11	25	4	4	15	25
Managers	4	3,014	92	3.1	2	1	1	...	...	...	2	2
Tenants	56	21,258	3,964	18.6	30	6	3	15	2	1	5	16
Missouri	409	158,914	23,512	14.8	210	12	84	36	46	44	105	218
Full owners	193	60,745	8,127	13.4	81	6	50	16	29	21	58	120
Part owners	125	67,538	9,521	14.1	75	3	20	14	9	11	30	68
Managers	15	6,426	813	12.7	8	2	4	...	2	1	6	14
Tenants	76	24,205	5,051	20.9	46	1	10	6	6	11	11	16
Delaware	110	43,660	9,705	22.2	78	16	12	8	...	5	79	143
Full owners	56	14,187	4,736	33.4	39	8	9	2	...	3	36	56
Part owners	47	27,857	4,585	16.5	35	7	2	5	...	2	38	78
Managers	2	875	95	10.9	2	...	...	...	...	...	1	5
Tenants	5	741	289	39.0	2	1	1	1	...	...	4	4
Maryland	223	76,379	8,051	10.5	149	11	31	23	10	13	160	510
Full owners	104	33,215	3,044	9.2	57	3	27	10	8	7	69	144
Part owners	94	34,729	3,679	10.6	71	7	4	11	1	5	74	135
Managers	7	2,702	133	4.9	6	...	...	...	1	...	5	9
Tenants	18	5,733	1,195	20.8	15	1	...	2	...	1	12	222
Virginia	1,554	442,085	26,519	6.0	813	78	70	339	9	302	1,184	2,326
Full owners	510	186,855	6,633	3.5	299	23	45	109	6	48	386	786
Part owners	489	177,871	12,713	7.1	289	22	20	140	2	39	417	900
Managers	39	25,267	1,258	5.0	27	4	2	9	...	2	34	76
Tenants	516	52,092	5,915	11.4	198	29	3	81	1	213	347	564
West Virginia	21	7,129	358	5.0	13	1	4	...	1	2	7	12
Full owners	14	3,200	189	5.9	8	...	3	...	1	2	3	6
Part owners	5	3,346	165	4.9	4	1	...	...	...	...	3	5
Managers	1	465	3	0.6	1	...	...	...	...	...	1	1
Tenants	1	118	1	0.8	...	...	1	...	...	...	...	...
North Carolina	6,255	1,024,823	58,573	5.7	3,076	233	109	1,493	7	1,529	5,098	10,911
Full owners	1,696	329,331	15,827	4.8	982	53	52	449	4	214	1,407	2,959
Part owners	1,955	464,562	23,614	5.1	1,071	77	38	580	2	264	1,708	4,308
Managers	79	61,041	1,219	2.0	53	7	4	15	...	7	72	191
Tenants	2,525	169,889	17,913	10.5	970	96	15	449	1	1,044	1,911	3,453
South Carolina	1,051	367,851	21,786	5.9	501	84	64	116	6	323	871	2,063
Full owners	340	134,649	9,013	6.7	188	30	34	48	3	56	290	750
Part owners	320	154,064	8,854	5.7	184	40	15	49	2	46	280	760
Managers	35	58,321	1,551	2.7	22	6	3	3	1	3	32	121
Tenants	356	20,817	2,368	11.4	107	8	12	16	...	218	269	432
Georgia	1,817	803,298	31,792	4.0	965	127	105	306	9	389	1,404	3,406
Full owners	708	345,928	12,287	3.6	403	41	63	129	7	99	551	1,306
Part owners	594	319,014	13,342	4.2	345	53	27	114	2	85	503	1,369
Managers	53	81,165	2,361	2.9	28	9	8	11	...	5	44	124
Tenants	462	57,191	3,802	6.6	189	24	7	52	...	200	306	607
Florida	3,155	2,307,129	413,716	17.9	1,411	328	762	137	316	530	658	1,624
Full owners	1,901	955,540	146,689	15.4	731	145	532	75	239	344	357	737
Part owners	758	892,129	149,512	16.8	434	94	146	34	39	105	191	505
Managers	209	386,962	75,269	19.5	100	37	45	12	22	33	58	188
Tenants	287	72,498	42,246	58.3	146	52	39	16	16	48	52	194
Kentucky	724	253,065	6,477	2.6	350	11	49	205	12	113	394	1,022
Full owners	297	97,900	2,264	2.3	135	8	30	98	6	27	169	446
Part owners	215	86,738	1,860	2.1	110	...	13	73	3	21	133	324
Managers	34	36,406	1,128	3.1	19	2	2	3	3	7	19	82
Tenants	178	32,021	1,225	3.8	86	1	4	31	...	58	73	170
Tennessee	583	173,588	9,582	5.5	284	26	57	148	6	92	229	648
Full owners	281	68,723	4,514	6.6	149	16	33	69	5	24	101	265
Part owners	180	70,371	2,700	3.8	83	6	20	59	1	22	95	304
Managers	20	19,424	1,392	7.2	15	1	1	2	...	3	8	28
Tenants	102	15,070	976	6.5	37	3	3	18	...	43	25	51
Alabama	232	189,199	13,842	7.3	102	22	76	21	5	27	115	254
Full owners	97	54,284	4,456	8.2	33	6	49	6	2	7	47	95
Part owners	78	73,738	5,045	6.8	43	12	13	13	1	8	48	125
Managers	21	52,254	2,687	5.1	9	2	10	...	...	2	8	16
Tenants	36	8,923	1,654	18.5	17	2	4	2	2	10	12	18
Mississippi	651	803,393	135,400	16.9	348	51	184	83	6	98	154	431
Full owners	217	253,738	42,233	16.6	122	15	64	30	4	26	61	206
Part owners	249	322,306	60,747	18.8	137	28	75	34	1	23	66	146
Managers	59	161,893	15,956	9.9	38	3	16	7	...	4	15	65
Tenants	126	65,456	16,464	25.2	51	5	29	12	1	45	12	14
Arkansas	4,922	2,816,474	836,556	29.7	2,565	294	1,741	801	25	607	1,136	2,658
Full owners	1,266	715,563	187,627	26.2	670	88	423	184	12	101	309	757
Part owners	1,780	1,274,075	352,031	27.6	1,019	125	695	339	8	123	487	1,037
Managers	107	177,241	46,347	26.1	64	12	47	19	1	5	34	88
Tenants	1,769	649,595	250,551	38.6	812	69	576	259	4	378	306	776

State Table 10.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY YEAR IRRIGATION BEGAN, BY STATES: 1960

State and year irrigation began	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Total, 30 States	29,777	11,083,788	1,865,178	16.8	15,480	1,727	4,822	4,360	985	5,044	15,252	32,948
1959	2,392	551,381	51,760	9.4	1,370	106	155	780	30	40	1,726	3,196
1958	1,833	468,924	47,716	10.2	1,078	92	174	500	36	32	1,279	2,423
1957	1,849	783,002	66,911	8.5	1,200	93	183	424	25	32	1,174	2,434
1956	2,277	905,205	99,520	11.0	1,459	142	276	498	39	22	1,404	3,139
1955	3,079	1,259,204	135,905	10.8	2,111	201	360	576	49	28	1,920	4,450
1950-1954	5,733	2,660,715	438,955	16.5	3,861	463	1,060	749	167	99	3,096	7,841
1945-1949	2,127	1,097,600	223,236	20.3	1,365	217	585	170	107	35	949	2,059
1944 and earlier	3,329	1,723,189	535,589	31.1	1,636	266	1,496	221	381	116	1,201	3,136
Year not reported	7,158	1,634,568	265,586	16.2	1,400	147	533	442	151	4,640	2,503	4,270
Maine	104	23,989	2,438	10.2	76	3	6	9	9	6	81	172
1959	3	477	10	2.1	3	...	...	...	...	...	3	3
1958	9	839	76	9.1	5	...	1	...	3	...	7	10
1957	8	725	53	7.3	7	...	...	1	...	...	8	11
1956	4	1,925	95	4.9	4	...	...	...	...	...	4	4
1955	4	1,317	35	2.7	2	...	1	1	...	...	3	6
1950-1954	25	5,553	706	12.7	21	...	1	1	1	1	19	42
1945-1949	23	7,498	686	9.1	21	1	...	3	...	...	20	45
1944 and earlier	13	3,661	622	17.0	9	2	1	1	2	...	10	42
Year not reported	15	1,994	155	7.8	4	...	2	2	3	5	7	9
New Hampshire	70	10,811	1,129	10.4	46	2	11	3	8	4	41	72
1959	6	1,040	43	4.1	6	...	...	...	...	...	5	6
1958	5	695	41	5.9	2	...	2	1	...	...	4	5
1957	3	678	45	6.6	3	...	...	...	...	...	1	2
1956	12	948	84	8.9	9	...	1	1	1	...	5	9
1955	5	691	67	9.7	5	...	...	...	...	...	3	4
1950-1954	19	4,526	671	14.8	13	1	4	1	3	...	14	32
1945-1949	5	653	73	11.2	4	1	...	...	...	...	1	2
1944 and earlier	8	601	79	13.1	2	...	2	...	4	...	5	6
Year not reported	7	979	26	2.7	2	...	2	...	...	4	3	6
Vermont	13	5,331	598	11.2	7	2	...	1	3	2	7	12
1959	1	130	8	6.2	1	...	...	...	...	...	1	1
1958	...	...	...	...	...	...	...	...	...	...	...	...
1957	...	...	...	...	...	...	...	...	...	...	...	...
1956	...	...	...	...	...	...	...	...	...	...	...	...
1955	6	3,034	234	7.7	2	1	...	1	3	...	3	5
1950-1954	3	786	296	37.7	3	1	...	...	...	...	1	4
1945-1949	2	1,364	57	4.2	1	...	...	...	...	1	2	2
1944 and earlier	...	...	...	...	...	...	...	...	...	...	...	...
Year not reported	1	17	3	17.6	...	...	...	...	...	1	...	...
Massachusetts	958	114,198	17,841	15.6	410	8	84	20	160	332	408	865
1959	14	1,363	110	8.1	11	...	...	1	2	...	11	13
1958	21	2,635	201	7.6	15	...	2	2	1	1	14	19
1957	19	1,429	188	13.2	13	...	1	1	3	1	11	18
1956	22	2,964	164	5.5	14	...	2	...	6	...	14	17
1955	29	1,883	262	13.9	21	...	4	1	4	...	18	26
1950-1954	107	7,999	1,428	17.9	71	1	9	8	25	1	64	115
1945-1949	89	11,186	1,508	13.5	60	2	9	3	20	1	58	108
1944 and earlier	267	46,500	6,690	14.4	149	4	48	3	76	19	164	415
Year not reported	390	38,239	7,290	19.1	56	1	9	1	23	309	54	134
Rhode Island	26	4,066	305	7.5	15	...	4	3	4	1	16	22
1959	...	...	...	...	...	...	...	...	...	...	...	...
1958	3	171	34	19.9	2	...	...	1	...	...	2	3
1957	2	228	18	7.9	1	...	1	...	...	...	2	4
1956	...	...	...	...	...	...	...	...	...	...	...	...
1955	2	79	12	15.2	1	...	...	1	...	...	1	1
1950-1954	9	2,893	111	3.8	6	...	1	...	2	...	6	7
1945-1949	5	223	73	32.7	4	...	1	...	...	...	4	6
1944 and earlier	4	443	33	7.4	1	...	1	1	2	...	...	...
Year not reported	1	29	24	82.8	...	...	...	...	...	1	1	1
Connecticut	173	28,181	4,393	15.6	118	3	24	7	7	22	117	241
1959	2	113	57	50.4	2	...	...	...	...	...	2	3
1958	7	827	81	9.8	3	...	1	2	1	...	3	3
1957	14	1,593	229	14.4	11	...	...	2	1	...	8	13
1956	14	1,196	375	31.4	11	...	3	...	...	...	11	21
1955	17	1,496	349	23.3	12	...	5	...	...	...	14	24
1950-1954	37	10,063	1,301	12.9	29	...	8	1	2	...	22	63
1945-1949	31	4,945	894	18.1	29	2	1	1	...	...	27	61
1944 and earlier	15	4,864	709	14.6	9	1	2	...	3	1	11	26
Year not reported	36	3,084	398	12.9	12	...	4	1	...	21	19	27
New York	1,217	186,735	50,541	27.1	694	183	172	40	86	145	428	827
1959	53	9,946	1,248	12.5	29	4	7	5	7	4	29	46
1958	46	6,804	1,029	15.1	29	3	7	5	2	3	22	33
1957	54	9,982	1,515	15.2	39	3	6	4	1	3	24	47
1956	62	11,952	2,548	21.3	41	6	10	4	3	1	25	50
1955	101	22,210	3,101	14.0	74	7	19	8	3	...	45	65
1950-1954	324	44,438	12,960	29.2	209	53	41	10	26	10	118	226
1945-1949	226	31,280	14,228	45.5	153	69	19	2	9	2	78	145
1944 and earlier	173	25,019	8,928	35.7	81	29	52	1	27	8	62	165
Year not reported	178	25,104	4,984	19.9	39	9	11	1	8	114	25	50

State Table 10.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY YEAR IRRIGATION BEGAN, BY STATES: 1960–Continued

State and year irrigation began	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
New Jersey	1,632	244,249	69,301	28.4	1,114	61	275	67	65	180	828	1,538
1959	53	4,680	1,331	28.4	41	2	5	3	...	3	29	41
1958	99	13,636	3,135	23.0	63	6	21	10	4	...	60	93
1957	101	10,400	2,958	28.4	84	5	4	8	2	...	65	86
1956	101	12,746	3,031	23.8	78	1	21	5	3	...	62	137
1955	184	23,163	6,334	27.3	144	16	22	14	4	1	111	182
1950-1954	357	44,811	16,667	37.2	302	19	40	12	7	6	224	400
1945-1949	187	27,816	8,879	31.9	150	7	41	4	6	1	116	214
1944 and earlier	311	57,731	19,947	34.6	200	5	107	6	31	4	125	337
Year not reported	239	49,266	7,019	14.2	52	...	14	5	8	165	36	48
Pennsylvania	449	117,100	7,570	6.5	243	15	116	41	25	38	246	397
1959	21	2,186	332	15.2	8	1	8	3	...	1	12	16
1958	31	3,737	395	10.6	16	...	7	6	2	...	20	28
1957	37	6,031	356	5.9	26	2	5	7	...	...	27	52
1956	49	12,174	1,123	9.2	34	3	7	4	5	...	28	42
1955	57	8,123	796	9.8	38	1	13	5	...	3	29	51
1950-1954	103	27,276	1,758	6.4	65	4	20	11	5	7	55	84
1945-1949	29	7,208	1,084	15.0	15	3	12	1	...	...	18	33
1944 and earlier	69	34,997	1,099	3.1	26	1	35	2	10	2	38	67
Year not reported	53	15,368	627	4.1	15	...	9	2	3	25	19	24
Ohio	450	62,579	9,153	14.6	192	6	176	26	40	39	211	324
1959	19	3,767	419	11.1	12	...	4	2	1	...	11	17
1958	17	2,600	195	7.5	7	...	7	3	...	...	8	11
1957	11	1,494	268	17.9	7	...	3	...	1	...	3	4
1956	29	4,504	468	10.4	20	...	7	3	...	...	15	22
1955	36	5,050	517	10.2	19	...	10	4	3	...	19	26
1950-1954	90	16,148	2,128	13.2	59	1	26	7	5	3	45	71
1945-1949	40	7,372	1,017	13.8	16	2	21	1	5	...	18	29
1944 and earlier	146	16,326	3,271	20.0	40	3	89	4	20	2	71	117
Year not reported	62	5,318	870	16.4	12	...	9	2	5	34	21	27
Indiana	330	96,044	13,429	14.0	167	24	95	41	6	19	115	214
1959	29	9,343	1,029	11.0	17	2	2	7	...	1	11	20
1958	17	2,639	408	15.5	9	1	2	6	...	...	9	15
1957	19	3,732	587	15.7	10	2	4	3	1	...	6	7
1956	29	10,270	1,312	12.8	19	7	...	6	...	...	14	22
1955	40	12,729	1,977	15.5	23	7	5	5	...	1	22	36
1950-1954	86	29,973	3,279	10.9	60	5	18	8	1	2	31	66
1945-1949	19	8,829	3,102	35.1	14	...	5	3	...	...	6	18
1944 and earlier	52	11,441	868	7.6	7	...	44	1	3	1	8	12
Year not reported	39	7,088	867	12.2	8	...	15	2	1	14	8	18
Illinois	199	50,750	6,923	13.6	93	14	41	39	14	18	67	152
1959	21	5,168	805	15.6	10	2	2	7	...	...	7	19
1958	11	2,039	488	23.9	6	1	2	3	...	...	5	14
1957	13	2,041	267	13.1	7	1	2	4	2	1	2	3
1956	17	3,302	818	24.8	10	1	1	5	1	...	10	17
1955	20	6,521	781	12.0	8	5	3	5	1	...	6	14
1950-1954	42	10,637	1,843	17.3	25	3	7	6	5	1	18	45
1945-1949	20	7,974	338	4.2	10	...	9	1	1	...	5	10
1944 and earlier	30	6,165	576	9.3	15	1	12	6	1	1	11	25
Year not reported	25	6,903	1,007	14.6	2	...	3	2	3	15	3	5
Michigan	1,417	267,913	31,418	11.7	919	31	304	153	27	82	722	1,121
1959	100	15,617	1,421	9.1	72	2	16	16	...	...	61	82
1958	104	14,819	1,506	10.2	61	1	29	17	...	1	50	72
1957	86	10,243	1,214	11.9	60	2	20	11	...	...	50	72
1956	115	23,591	2,051	8.7	77	1	24	20	...	...	58	98
1955	146	22,995	3,315	14.4	109	2	21	17	2	...	76	103
1950-1954	355	71,344	9,043	12.7	274	8	63	31	4	3	212	338
1945-1949	216	46,021	6,049	13.1	164	7	42	25	2	1	120	206
1944 and earlier	138	40,717	3,741	9.2	56	4	68	8	9	5	45	74
Year not reported	157	22,566	3,078	13.6	46	4	21	8	10	72	50	76
Wisconsin	479	265,040	28,239	10.7	260	44	55	74	57	33	272	610
1959	49	16,483	3,201	19.4	25	8	2	16	...	...	20	40
1958	40	10,443	1,842	17.6	25	6	4	6	...	1	23	51
1957	14	4,247	957	22.5	6	1	3	6	...	...	7	12
1956	33	27,808	2,554	9.2	23	4	5	6	...	...	12	20
1955	21	7,183	1,178	16.4	14	...	2	8	...	...	11	16
1950-1954	80	31,559	3,630	11.5	51	7	7	14	8	1	52	102
1945-1949	86	46,150	6,908	15.0	58	11	13	8	8	1	50	104
1944 and earlier	102	76,215	6,180	8.1	48	7	18	7	37	5	67	177
Year not reported	54	44,952	1,789	4.0	10	...	1	3	4	25	30	88
Minnesota	335	66,093	12,266	18.6	161	21	82	58	7	37	65	85
1959	27	7,633	969	12.7	18	2	4	5	...	...	6	8
1958	20	3,357	1,238	36.9	12	3	7	...	...	...	5	7
1957	14	2,625	557	21.2	6	...	5	3	...	...	2	3
1956	25	6,748	1,298	19.2	15	2	3	8	...	...	6	9
1955	20	2,634	787	29.9	10	...	5	9	...	...	5	6
1950-1954	67	18,182	2,121	11.7	42	3	11	14	...	1	16	22
1945-1949	46	8,484	1,783	21.0	28	4	10	9	3	...	15	16
1944 and earlier	70	10,799	2,196	20.3	26	6	30	8	2	5	7	9
Year not reported	46	5,631	1,317	23.4	4	1	7	2	2	31	3	5

State Table 10.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY YEAR IRRIGATION BEGAN, BY STATES: 1960–Continued

State and year irrigation began	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Iowa	218	73,722	13,765	18.7	100	16	29	62	9	12	34	70
1959	10	3,528	538	15.2	5	...	2	3	...	...	2	7
1958	6	2,248	378	16.8	3	1	...	2	...	...	2	2
1957	29	12,426	2,720	21.9	12	2	5	9	2	1	4	4
1956	42	19,736	4,350	22.0	18	6	5	11	2	...	6	8
1955	38	15,452	2,879	18.6	19	6	4	8	1	...	4	14
1950-1954	21	4,593	608	13.2	14	1	3	2	...	2	8	21
1945-1949	8	795	179	22.5	2	...	1	3	1	1	1	3
1944 and earlier	41	8,357	1,128	13.5	23	...	8	13	3	...	5	9
Year not reported	23	6,587	985	15.0	4	...	1	11	...	8	2	2
Missouri	409	158,914	23,512	14.8	210	12	84	36	46	44	105	218
1959	33	10,089	1,292	12.8	22	...	9	1	2	...	12	13
1958	15	3,036	760	25.0	6	1	2	2	4	...	4	6
1957	34	10,064	2,475	24.6	25	1	1	7	1	...	3	3
1956	51	18,632	3,606	19.4	37	3	4	7	2	...	13	30
1955	44	21,537	4,436	20.6	32	4	9	4	1	...	8	22
1950-1954	107	66,361	7,364	11.1	61	3	30	7	12	2	32	78
1945-1949	19	5,774	503	8.7	7	...	7	3	1	2	11	27
1944 and earlier	51	6,628	1,366	20.6	10	...	19	2	18	5	15	23
Year not reported	55	16,793	1,710	10.2	10	...	3	3	5	35	7	16
Delaware	110	43,660	9,705	22.2	78	16	12	8	...	5	79	143
1959	7	3,488	302	8.7	4	...	...	3	...	...	5	12
1958	10	2,600	504	19.4	6	1	1	2	...	...	6	8
1957	15	7,401	1,308	17.7	8	5	3	...	...	...	10	20
1956	14	4,830	1,527	31.6	10	4	1	...	...	...	11	15
1955	14	6,099	1,203	19.7	13	1	1	1	...	...	11	28
1950-1954	36	16,240	4,490	27.6	32	4	3	1	...	...	31	53
1945-1949	2	76	12	15.8	1	...	2	...	...	...	...	...
1944 and earlier	1	11	1	9.1	...	...	1	...	...	...	1	1
Year not reported	11	2,915	358	12.3	4	1	...	1	...	5	4	6
Maryland	223	76,379	8,051	10.5	149	11	31	23	10	13	160	510
1959	14	1,880	172	9.1	9	...	...	4	1	...	10	11
1958	16	5,895	692	11.7	10	2	1	3	...	...	11	19
1957	22	8,193	998	12.2	14	2	3	4	...	...	20	31
1956	25	4,787	629	13.1	24	...	1	...	1	...	21	29
1955	38	12,554	1,056	8.4	31	2	5	2	...	...	32	59
1950-1954	61	19,798	3,327	16.8	48	5	10	2	2	...	46	292
1945-1949	9	2,877	203	7.1	4	...	3	2	1	...	5	9
1944 and earlier	15	14,815	416	2.8	4	...	7	2	4	...	8	50
Year not reported	23	5,580	558	10.0	5	...	1	4	1	13	7	10
Virginia	1,554	442,085	26,519	6.0	813	78	70	339	9	302	1,184	2,326
1959	317	67,688	2,576	3.8	180	7	5	130	1	4	266	435
1958	190	38,491	2,396	6.2	115	7	3	65	3	2	170	295
1957	151	44,117	1,879	4.3	99	8	5	40	...	3	135	284
1956	105	74,640	3,471	4.7	67	9	11	22	...	1	94	203
1955	120	47,176	2,552	5.4	85	11	5	20	1	3	106	242
1950-1954	218	102,277	6,995	6.8	158	28	16	26	...	3	186	492
1945-1949	28	10,200	2,066	20.3	21	2	8	3	...	...	22	41
1944 and earlier	24	13,201	1,554	11.8	10	1	13	1	2	1	14	46
Year not reported	401	44,295	3,030	6.8	78	5	4	32	2	285	191	288
West Virginia	21	7,129	358	5.0	13	1	4	...	1	2	7	12
1959	3	1,078	46	4.3	3	...	...	...	...	...	...	...
1958	1	123	3	2.4	1	...	...	...	...	...	1	1
1957	4	903	103	11.4	2	...	2	...	...	...	1	3
1956	3	2,708	156	5.8	2	1	...	...	...	...	1	2
1955	2	1,116	21	1.9	2	...	...	...	...	...	1	2
1950-1954	3	603	7	1.2	1	...	1	...	1	...	1	1
1945-1949	1	20	6	30.0	1	...	...	...	...	...	1	1
1944 and earlier	2	113	6	5.3	1	...	1	...	...	...	1	2
Year not reported	2	465	10	2.2	...	...	...	...	...	2	...	...
North Carolina	6,255	1,024,823	58,573	5.7	3,076	233	109	1,493	7	1,529	5,098	10,911
1959	937	136,054	7,714	5.7	502	32	8	408	...	15	852	1,650
1958	640	97,396	5,225	5.4	370	20	6	247	...	12	581	1,155
1957	545	87,215	5,169	5.9	346	22	9	182	1	8	485	1,115
1956	559	109,245	5,358	4.9	359	31	14	170	1	5	516	1,201
1955	699	150,710	7,672	5.1	486	50	18	166	1	3	648	1,685
1950-1954	833	207,268	11,449	5.5	637	55	27	152	1	6	785	2,206
1945-1949	45	14,531	1,045	7.2	32	2	10	5	1	2	32	101
1944 and earlier	27	6,747	758	11.2	21	1	6	2	1	1	22	122
Year not reported	1,970	215,657	14,183	6.6	323	20	11	161	1	1,477	1,177	1,676
South Carolina	1,051	367,851	21,786	5.9	501	84	64	116	6	323	871	2,063
1959	87	21,891	1,292	5.9	59	6	1	20	2	2	79	170
1958	68	17,548	1,010	5.8	45	9	7	7	1	2	63	126
1957	73	26,109	1,524	5.8	48	8	8	13	...	1	71	150
1956	116	38,704	3,279	8.5	73	19	5	21	...	1	112	277
1955	169	68,849	3,769	5.5	114	12	8	33	1	6	161	459
1950-1954	144	82,293	5,622	6.8	102	20	23	12	1	1	133	433
1945-1949	28	30,845	1,620	5.3	12	5	6	5	...	1	21	95
1944 and earlier	5	28,524	286	1.0	3	...	2	...	...	...	5	23
Year not reported	366	53,088	3,384	6.4	45	5	4	5	1	309	226	330

State Table 10.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY YEAR IRRIGATION BEGAN, BY STATES: 1960–Continued

State and year irrigation began	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Georgia	1,817	803,298	31,792	4.0	965	127	105	306	9	389	1,404	3,406
1959	159	53,463	1,550	2.9	96	14	7	43	1	2	129	241
1958	101	36,751	1,674	4.6	68	3	3	30	...	1	89	177
1957	92	37,038	1,794	4.8	68	6	5	15	...	2	79	189
1956	198	89,010	3,267	3.7	129	12	14	53	2	2	179	409
1955	348	201,962	7,032	3.5	249	30	20	59	2	2	309	835
1950-1954	315	163,042	7,309	4.5	193	38	25	70	2	5	288	849
1945-1949	57	39,879	2,618	6.6	37	9	15	7	1	3	51	184
1944 and earlier	20	19,154	2,311	12.1	10	3	9	1	1	1	12	71
Year not reported	527	162,999	4,237	2.6	115	12	7	28	...	371	268	451
Florida	3,155	2,307,129	413,716	17.9	1,411	328	762	137	316	530	658	1,624
1959	134	60,654	15,581	25.7	79	12	35	9	8	5	30	78
1958	123	102,341	12,080	11.8	64	15	34	6	11	2	28	41
1957	132	303,124	13,406	4.4	69	15	43	1	9	5	36	64
1956	178	158,306	16,785	10.6	106	14	49	5	11	4	38	179
1955	238	213,708	15,996	7.5	170	13	56	8	16	...	65	115
1950-1954	563	350,575	72,203	20.6	282	76	181	34	44	14	138	325
1945-1949	348	393,930	58,544	14.9	176	49	114	16	40	8	107	220
1944 and earlier	547	397,676	137,199	34.5	302	94	153	43	113	39	109	281
Year not reported	892	326,815	71,922	22.0	163	40	97	15	64	453	107	321
Kentucky	724	253,065	6,477	2.6	350	11	49	205	12	113	394	1,022
1959	94	24,310	563	2.3	47	1	6	39	2	...	62	133
1958	48	28,118	305	1.1	25	1	...	20	2	2	36	96
1957	46	19,810	388	2.0	28	...	2	16	...	2	30	83
1956	60	20,256	423	2.1	29	...	5	25	1	1	41	115
1955	62	30,880	408	1.3	27	1	8	25	3	...	40	94
1950-1954	214	83,923	2,952	3.5	144	6	11	53	2	5	123	363
1945-1949	10	2,071	121	5.8	3	...	6	1	...	...	5	19
1944 and earlier	12	1,816	140	7.7	3	...	5	2	1	1	4	5
Year not reported	178	41,881	1,177	2.8	44	2	6	24	1	102	53	114
Tennessee	583	173,588	9,582	5.5	284	26	57	148	6	92	229	648
1959	52	7,286	180	2.5	32	...	6	11	2	1	29	49
1958	43	9,773	438	4.5	25	1	4	12	1	2	18	35
1957	54	12,196	458	3.8	29	...	4	20	...	2	21	44
1956	58	20,607	972	4.7	27	2	8	20	...	2	33	79
1955	73	23,304	1,198	5.1	37	4	7	26	1	1	31	88
1950-1954	149	59,753	3,392	5.7	89	13	19	41	...	1	69	223
1945-1949	18	9,056	1,442	15.9	11	1	4	4	1	1	9	31
1944 and earlier	5	4,396	494	11.2	4	1	2	...	...	...	2	3
Year not reported	131	27,217	1,008	3.7	30	4	3	14	1	82	17	96
Alabama	232	189,199	13,842	7.3	102	22	76	21	5	27	115	254
1959	19	22,448	750	3.3	6	4	6	2	...	1	12	29
1958	10	5,204	398	7.6	4	4	3	1	...	...	5	15
1957	16	33,209	1,495	4.5	10	1	3	2	...	...	8	13
1956	18	14,317	787	5.5	10	1	8	1	...	...	8	14
1955	45	35,418	2,643	7.5	25	5	9	8	1	1	26	52
1950-1954	54	32,679	3,832	11.7	31	6	22	2	1	...	30	68
1945-1949	17	2,577	209	8.1	4	...	14	...	...	1	7	12
1944 and earlier	17	8,029	1,108	13.8	8	...	8	...	2	...	12	38
Year not reported	36	35,318	2,620	7.4	4	1	3	5	1	24	7	13
Mississippi	651	803,393	135,400	16.9	348	51	184	83	6	98	154	431
1959	17	17,737	1,569	8.8	13	1	3	3	...	1	4	9
1958	16	10,446	2,147	20.6	13	...	3	1	...	...	4	5
1957	40	40,314	6,378	15.8	33	2	6	6	...	1	13	20
1956	72	84,680	13,955	16.5	49	6	16	11	...	2	19	41
1955	102	131,230	20,263	15.4	78	6	22	16	...	2	27	46
1950-1954	263	434,875	78,227	18.0	129	32	112	38	4	7	67	250
1945-1949	22	17,927	3,203	17.9	12	2	11	2	1	...	10	42
1944 and earlier	11	12,417	2,688	21.6	8	...	2	...	1	1	5	11
Year not reported	108	53,767	6,970	13.0	13	2	9	6	...	84	5	7
Arkansas	4,922	2,816,474	836,556	29.7	2,565	294	1,741	801	25	607	1,136	2,658
1959	111	41,841	6,652	15.9	58	6	17	39	1	...	26	44
1958	116	43,713	9,037	20.7	68	6	15	40	1	3	29	78
1957	201	85,435	17,604	20.6	129	5	30	59	1	2	42	77
1956	266	124,619	25,034	20.1	164	9	51	90	...	3	48	69
1955	399	180,101	45,032	25.0	261	17	78	121	1	5	85	144
1950-1954	1,048	710,247	173,236	24.4	710	70	321	185	3	17	262	570
1945-1949	496	350,039	104,786	29.9	315	38	201	58	6	9	129	275
1944 and earlier	1,153	865,826	331,195	38.3	560	103	751	107	8	14	362	979
Year not reported	1,132	414,653	123,980	29.9	300	40	277	102	4	554	153	422

State Table 11.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED AND TYPE OF POWER, BY USE OF CONSTRUCTED RESERVOIRS, BY STATES: 1960

State and use of constructed reservoirs	Number of farms reporting irrigation	Acres irrigated	Farms reporting by type of power used for pumping					Farms not reporting type of power
			Gas engines	Diesel engines	Electric motors	Tractors	No power	
Total, 30 States	29,777	1,865,178	15,480	1,727	4,822	4,360	985	5,044
With constructed reservoirs	15,252	681,368	9,334	833	1,633	2,917	214	1,614
Without constructed reservoirs	14,525	1,183,810	6,146	894	3,189	1,443	771	3,430
Maine								
With constructed reservoirs	81	2,110	68	3	3	7	3	2
Without constructed reservoirs	23	328	8	...	3	2	6	4
New Hampshire								
With constructed reservoirs	41	849	29	2	9	3	1	1
Without constructed reservoirs	29	280	17	...	2	...	7	3
Vermont								
With constructed reservoirs	7	467	4	2	...	...	1	1
Without constructed reservoirs	6	131	3	...	...	1	2	1
Massachusetts								
With constructed reservoirs	408	11,058	280	4	47	17	73	27
Without constructed reservoirs	550	6,783	130	4	37	3	87	305
Rhode Island								
With constructed reservoirs	16	209	11	...	1	2	1	1
Without constructed reservoirs	10	96	4	...	3	1	3	...
Connecticut								
With constructed reservoirs	117	3,705	97	3	12	3	2	7
Without constructed reservoirs	56	688	21	...	12	4	5	15
New York								
With constructed reservoirs	428	16,598	342	29	57	22	7	12
Without constructed reservoirs	789	33,943	352	154	115	18	79	133
New Jersey								
With constructed reservoirs	828	50,604	704	46	94	46	8	16
Without constructed reservoirs	804	18,697	410	15	181	21	57	164
Pennsylvania								
With constructed reservoirs	246	4,857	155	10	59	27	3	11
Without constructed reservoirs	203	2,713	88	5	57	14	22	27
Ohio								
With constructed reservoirs	211	4,827	113	3	88	16	4	8
Without constructed reservoirs	239	4,326	79	3	88	10	36	31
Indiana								
With constructed reservoirs	115	6,185	74	12	16	20	...	4
Without constructed reservoirs	215	7,244	93	12	79	21	6	15
Illinois								
With constructed reservoirs	67	2,692	44	3	8	16	1	2
Without constructed reservoirs	132	4,231	49	11	33	23	13	16
Michigan								
With constructed reservoirs	722	16,623	560	14	94	103	2	26
Without constructed reservoirs	695	14,795	359	17	210	50	25	56
Wisconsin								
With constructed reservoirs	272	16,029	155	17	16	46	52	14
Without constructed reservoirs	207	12,210	105	27	39	28	5	19
Minnesota								
With constructed reservoirs	65	2,796	40	4	10	18	1	1
Without constructed reservoirs	270	9,470	121	17	72	40	6	36

State Table 11.–FARMS REPORTING IRRIGATION, ACRES IRRIGATED AND TYPE OF POWER, BY USE OF CONSTRUCTED RESERVOIRS, BY STATES: 1960–Continued

State and use of constructed reservoirs	Number of farms reporting irrigation	Acres irrigated	Farms reporting by type of power used for pumping					Farms not reporting type of power
			Gas engines	Diesel engines	Electric motors	Tractors	No power	
Iowa								
With constructed reservoirs	34	2,368	19	3	4	9	...	1
Without constructed reservoirs	184	11,397	81	13	25	53	9	11
Missouri								
With constructed reservoirs	105	3,728	59	3	37	12	3	1
Without constructed reservoirs	304	19,784	151	9	47	24	43	43
Delaware								
With constructed reservoirs	79	7,908	63	13	5	5	...	...
Without constructed reservoirs	31	1,797	15	3	7	3	...	5
Maryland								
With constructed reservoirs	160	6,900	120	10	20	19	1	1
Without constructed reservoirs	63	1,151	29	1	11	4	9	12
Virginia								
With constructed reservoirs	1,184	22,649	704	59	41	300	...	130
Without constructed reservoirs	370	3,870	109	19	29	39	9	172
West Virginia								
With constructed reservoirs	7	97	6	1	...	...	...	...
Without constructed reservoirs	14	261	7	...	4	...	1	2
North Carolina								
With constructed reservoirs	5,098	51,131	2,751	217	79	1,362	1	859
Without constructed reservoirs	1,157	7,442	325	16	30	131	6	670
South Carolina								
With constructed reservoirs	871	18,721	479	81	51	105	4	190
Without constructed reservoirs	180	3,065	22	3	13	11	2	133
Georgia								
With constructed reservoirs	1,404	26,326	857	108	66	283	2	162
Without constructed reservoirs	413	5,466	108	19	39	23	7	227
Florida								
With constructed reservoirs	658	70,420	404	54	190	28	29	44
Without constructed reservoirs	2,497	343,296	1,007	274	572	109	287	486
Kentucky								
With constructed reservoirs	394	4,000	215	10	18	141	2	21
Without constructed reservoirs	330	2,477	135	1	31	64	10	92
Tennessee								
With constructed reservoirs	229	3,544	120	10	29	75	3	9
Without constructed reservoirs	354	6,038	164	16	28	73	3	83
Alabama								
With constructed reservoirs	115	7,766	64	14	33	15	1	4
Without constructed reservoirs	117	6,076	38	8	43	6	4	23
Mississippi								
With constructed reservoirs	154	28,286	97	15	41	20	2	10
Without constructed reservoirs	497	107,114	251	36	143	63	4	88
Arkansas								
With constructed reservoirs	1,136	287,915	700	83	505	197	7	49
Without constructed reservoirs	3,786	548,641	1,865	211	1,236	604	18	558

State Table 12.–FARMS REPORTING AND ACRES OF IRRIGATED CROPS BY ACRES IRRIGATED AND FREQUENCY OF IRRIGATION, BY STATES: 1960

[For each State data are shown only for crops with 100 or more acres irrigated in 1957]

State and crop	Total acres irrigated	Farms reporting by number of acres irrigated							Farms reporting and acres irrigated by number of times irrigated											
		Total	Under 5 acres	5-9 acres	10-24 acres	25-49 acres	50-99 acres	100 or more acres	1 time		2 times		3 times		4 times		5 or more times		Times not reported	
									Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres
30 STATES																				
Corn for all purposes	57,679	1,786	470	303	411	258	182	162	640	22,343	654	19,233	274	8,258	90	3,786	72	2,967	67	1,092
Sorghums for all purposes except sirup	2,360	76	16	12	23	14	3	8	36	1,004	23	695	10	145	2	233	2	34	3	249
Small grains harvested:																				
Wheat	408	17	3	4	6	2	1	1	11	217	2	25	1	15	1	1	1	135	1	15
Oats	456	15	...	4	5	2	3	1	11	392	3	52	1	12	...	...	...	...	...	...
Barley	101	5	1	1	1	2	...	...	3	21	2	80	...	...	...	...	...	...	...	...
Rye	421	10	4	2	1	1	1	1	3	22	2	305	...	...	2	85	1	1	2	8
Rice	424,657	3,446	47	122	352	447	881	1,597	...	...	...	...	...	...	...	...	...	...	3,446	424,657
Wild rice	104	2	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	2	104
Hay and grass seeds:																				
All hay cut	19,791	642	129	105	215	100	52	41	241	6,717	202	5,831	105	3,750	38	741	36	1,531	21	1,221
Lespedeza seed	3,514	26	...	1	5	10	10	...	18	1,685	8	1,669	2	160	...	...	...	...	...	...
Millet other than proso	278	6	1	...	2	1	1	1	1	50	2	18	2	190	...	...	1	20	...	...
Pasture	164,537	1,184	180	160	317	211	126	190	313	22,820	326	19,169	209	12,131	102	11,364	163	60,762	75	38,291
Other field crops:																				
Soybeans for all purposes	281,300	2,085	32	75	292	353	395	938	1,009	117,572	873	129,851	191	26,187	28	2,189	8	303	42	5,198
Peanuts for all purposes	2,020	108	22	29	32	17	6	2	21	446	38	791	22	553	10	83	10	80	7	67
Dry field and seed beans	2,948	55	10	2	18	10	9	6	21	1,253	25	1,559	4	79	1	1	2	41	2	15
Dry field and seed peas	219	11	3	1	4	2	1	...	1	20	2	100	2	2	1	10	2	46	3	41
Cotton	245,924	3,084	77	282	768	645	567	745	968	77,253	1,403	109,780	562	46,384	106	6,885	50	3,553	45	2,069
Tobacco	89,211	11,275	4,652	4,003	2,265	284	53	18	1,398	8,994	3,082	25,504	3,567	29,473	1,355	11,398	1,031	10,673	854	3,169
Popcorn	198	8	1	...	3	3	1	...	4	112	2	24	1	50	1	12	...	...	...	...
Sugarcane and/or sorghums for sirup	13,355	24	6	1	3	1	2	11	3	2,060	7	8,433	3	1,263	2	19	5	1,053	4	527
Sugar beets for sugar	430	10	...	2	2	3	1	2	4	238	3	125	1	5	...	...	1	34	1	28
Irish potatoes	94,739	2,013	575	151	343	299	349	296	396	16,136	674	29,502	491	25,806	214	9,325	182	11,331	95	2,639
Sweetpotatoes	5,321	396	175	83	93	25	12	8	105	1,509	140	1,752	76	1,100	44	674	26	246	7	40
Ramie	1,800	2	...	...	...	...	...	2	...	...	...	...	...	...	...	...	1	800	1	1,000
Mint for oil	1,628	13	1	2	3	2	1	4	5	369	5	1,052	2	197	1	10	...	...	...	...
Vegetables:																				
Asparagus	356	54	33	12	6	1	2	...	16	101	22	145	7	28	3	7	2	13	4	62
Beans, green lima	1,433	118	59	19	18	12	9	1	30	653	37	365	22	208	12	51	9	79	8	77
Beans, snap (bush and pole types)	45,356	1,508	852	186	206	84	79	101	265	6,080	496	12,068	361	6,153	111	1,580	136	8,711	149	10,764
Beets (table)	1,202	213	174	17	11	4	5	2	18	125	57	172	58	531	16	150	40	118	25	106
Blackeyes and other green cowpeas	142	5	3	1	...	...	...	1	...	...	...	...	1	2	1	3	1	130	2	7
Broccoli	3,173	100	44	13	20	11	7	5	17	215	26	1,681	30	836	14	232	11	187	3	22
Brussels sprouts	257	43	21	12	10	...	...	...	8	54	22	99	7	59	6	45	...	...	...	...
Cabbage	15,670	966	434	197	188	82	33	32	149	2,179	277	4,713	239	3,519	136	1,663	93	1,311	73	2,285
Cabbage, Chinese	194	13	9	...	1	1	2	...	...	...	1	38	3	6	2	21	4	126	3	3
Cantaloups, honeydews, and muskmelons	3,466	528	303	132	70	14	7	2	83	506	204	1,413	116	838	53	291	46	245	26	173
Carrots	1,890	152	85	20	26	9	9	3	28	514	43	644	42	451	13	57	19	132	7	92
Cauliflower	4,477	456	162	125	143	18	3	5	60	698	135	1,312	139	1,356	71	790	38	242	16	79
Celery	11,856	251	99	55	48	19	16	14	20	1,652	49	701	50	1,566	34	705	72	1,345	37	5,887
Collards	894	121	71	20	21	7	1	1	10	132	24	112	33	351	15	90	23	161	16	48
Corn, sweet	37,012	1,498	771	249	255	105	72	46	255	5,572	511	7,930	403	6,278	100	1,574	88	1,543	142	14,115
Cucumbers and pickles	16,454	932	427	176	180	68	53	28	71	1,244	190	2,897	251	2,780	143	1,559	214	3,997	78	3,977
Eggplant	2,683	296	195	44	34	12	8	3	19	90	55	238	58	341	38	164	85	585	42	1,265
Endive and escarole	1,567	128	78	24	13	6	3	4	7	40	26	137	31	224	21	139	17	281	26	746
Horseradish	436	25	3	5	10	7	...	...	3	24	10	166	9	194	2	48	...	...	1	4
Kale	173	29	19	4	4	2	...	...	5	44	7	54	7	58	3	3	4	11	3	3
Lettuce and romaine	6,251	536	299	97	84	34	13	9	69	1,204	133	1,334	117	1,580	73	766	87	527	58	840
Okra	400	56	36	9	7	2	2	...	4	9	10	95	13	30	9	75	13	181	7	10
Onions	3,059	347	218	53	52	12	8	4	37	446	79	726	86	700	46	615	54	333	45	239
Parsley	384	126	102	14	9	1	...	...	5	23	11	26	36	97	12	53	47	147	15	38
Parsnips	268	41	28	4	8	...	...	1	9	35	9	40	12	141	4	23	6	25	1	4
Peas, green	3,815	132	56	20	23	14	11	8	38	2,178	50	904	16	247	10	164	7	62	12	260
Peppers	13,268	1,085	581	228	183	37	23	33	90	731	243	1,541	230	2,150	130	958	248	3,417	144	4,471
Pumpkins	176	33	24	5	3	1	...	...	8	83	14	55	4	8	3	19	2	5	2	6
Radishes	6,697	138	84	20	19	4	4	7	20	137	25	307	28	215	15	86	23	560	28	5,392
Spinach	4,991	205	113	31	28	10	15	8	28	1,863	55	722	58	1,343	19	335	19	257	26	471
Squash	4,684	448	294	62	49	22	12	9	72	493	122	981	97	748	48	665	64	981	45	816
Tomatoes	43,130	2,513	1,428	345	394	178	103	65	265	3,053	602	7,016	665	7,954	318	7,119	423	12,759	244	5,229
Turnips and turnip greens	4,901	338	188	65	46	21	12	6	44	524	82	867	82	725	34	508	53	566	44	1,711
Watermelons	7,256	267	103	32	64	29	18	21	41	765	85	1,136	52	1,523	29	1,231	37	2,263	23	338
Mixed vegetables	23,670	1,161	628	167	204	84	50	28	49	647	253	2,693	405	5,831	121	2,665	139	2,497	195	9,337
Berries, tree fruits, nuts, and grapes:																				
Blueberries	3,536	215	79	47	58	17	9	5	31	406	52	906	56	786	26	609	38	754	12	75
Cranberries	20,205	857	304	185	175	101	55	37	...	...	...	...	...	...	...	...	...	...	857	20,205
Raspberries	677	163	116	23	23	1	...	...	35	178	57	254	33	113	11	28	13	67	14	37
Strawberries	13,109	2,190	1,391	383	330	68	14	4	200	1,124	462	2,485	504	3,039	335	2,090	501	4,080	194	291
Apples	3,977	158	37	28	44	28	14	7	92	1,829	29	1,103	16	354	7	381	7	283	7	27
Cherries	113	21	10	9	2	...	...	...	10	37	5	41	1	4	...	...	4	29	1	2
Peaches	13,659	380	56	66	112	68	42	36	201	6,997	128	4,833	33	1,332	12	420	4	58	8	19
Pears	121	17	10	...	7	...	...	...	9	61	3	24	3	33	...	...	...	...	2	3
Avocados	649	24	9	8	2	...	2	3	1	7	5	202	2	162	...	...	15	277	1	1
Mangoes	246	30	19	7	1	1	2	...	1	53	4	15	4	15	1	3	12	146	8	14
Grapefruit	986	39	9	9	13	2	5	1	9	353	11	152	5	107	4	134	8	149	3	91
Limes	981	27	4	9	7	2	2	3	3	64	3	140	2	13	5	558	13	202	1	4
Oranges	5,209	135	17	18	39	31	13	17	36	1,182	44	2,353	17	619	14	296	18	600	10	159
Citrus, kind not specified	97,241	732	47	62	169	158	118	178	179	24,116	171	23,905	124	14,410	79	7,948	102	22,723	86	4 139
Almonds	700	1	...	...	...	...	...	1	...	...	1	700	...	...	...	...	...	...	...	...
Pecans	200	5	1	2	...	1	...	1	1	8	4	192	...	...	...	...	...	...	...	...
Other berries, tree fruits, nuts, and grapes	290	22	13	6	2	...	1	...	7	27	4	29	2	3	1	12	4	215	4	4
Nursery, greenhouse, and flower crops	41,660	2,671	1,649	361	353	132	88	88	56	1,008	102	2,410	162	5,393	129	1,915	1,004	15,805	1,233	15,129
Sod	3,430	46	8	6	10	8	4	10	1	4	5	308	3	604	9	146	20	1,377	8	991
All other crops	646	28	16	2	4	3	1	2	10	402	9	136	3	42	...	...	2	58	4	8

State Table 12.–FARMS REPORTING AND ACRES OF IRRIGATED CROPS BY ACRES IRRIGATED AND FREQUENCY OF IRRIGATION, BY STATES: 1960–Continued

[For each State data are shown only for crops with 100 or more acres irrigated in 1957]

State and crop	Total acres irrigated	Farms reporting by number of acres irrigated							Farms reporting and acres irrigated by number of times irrigated											
		Total	Under 5 acres	5-9 acres	10-24 acres	25-49 acres	50-99 acres	100 or more acres	1 time		2 times		3 times		4 times		5 or more times		Times not reported	
									Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres
MAINE																				
Corn for all purposes	109	5	2	1	1	...	1	...	1	90	2	7	...	...	1	2	1	10	...	...
Other field crops:																				
Irish potatoes	728	34	20	1	3	4	5	1	3	279	12	205	11	205	1	30	6	7	2	2
Vegetables:																				
Cabbage	115	19	12	4	2	1	...	...	3	15	6	59	8	27	1	12	...	...	1	2
Corn, sweet	139	36	27	5	3	1	...	...	8	56	9	32	15	44	...	...	4	7	...	...
Lettuce and romaine	219	18	7	2	6	3	...	...	1	1	5	74	10	125	1	1	1	18	...	...
Mixed vegetables	191	19	11	3	3	1	1	...	1	14	3	49	10	32	3	14	1	2	1	80
Berries, tree fruits, nuts, and grapes:																				
Blueberries	284	3	1	...	...	...	1	1	...	...	1	63	1	220	...	...	...	...	1	1
Nursery, greenhouse, and flower crops	129	13	11	...	1	...	...	1	1	2	...	...	1	1	...	...	6	118	5	8
NEW HAMPSHIRE																				
Other field crops:																				
Irish potatoes	136	10	5	1	2	1	1	...	1	14	1	12	6	104	...	...	2	6	...	...
Vegetables:																				
Cabbage	107	13	8	1	2	2	...	...	4	45	3	3	3	51	...	...	2	4	1	4
Corn, sweet	382	29	15	2	7	3	1	1	4	78	5	31	12	227	1	10	5	8	2	28
VERMONT																				
Hay and grass seeds:																				
All hay cut	219	5	...	...	1	2	1	1	5	219	...	...	...	...	...	...	...	...	...	...
Other field crops:																				
Irish potatoes	202	3	1	...	...	...	1	1	1	2	...	...	2	200	...	...	...	...	...	...
Vegetables:																				
Beans, snap (bush and pole types)	100	1	...	...	...	...	...	1	...	...	...	...	1	100	...	...	...	...	...	...
MASSACHUSETTS																				
Hay and grass seeds:																				
All hay cut	109	12	5	2	4	1	...	...	4	8	5	87	2	11	...	...	...	...	1	3
Other field crops:																				
Tobacco	1,158	14	4	2	4	...	1	3	5	214	6	927	3	17	...	...	...	...	...	...
Irish potatoes	336	45	39	2	2	...	1	1	10	30	20	285	7	14	1	2	1	1	6	4
Vegetables:																				
Beans, snap (bush and pole types)	233	64	55	5	2	...	2	...	18	94	23	96	17	34	1	4	1	1	4	4
Cabbage	295	51	32	10	5	4	...	...	2	7	16	80	12	75	8	93	6	27	7	13
Carrots	235	24	12	4	5	3	...	...	1	30	8	59	7	74	...	...	8	72	...	...
Corn, sweet	982	116	42	41	26	6	1	...	23	287	35	238	34	325	10	52	5	37	9	43
Lettuce and romaine	153	44	33	8	3	...	...	...	8	18	10	41	10	34	4	20	7	28	5	12
Peppers	100	33	26	6	1	...	...	...	1	2	14	44	4	6	4	23	6	15	4	10
Spinach	231	25	15	3	4	3	...	...	7	60	8	85	7	78	...	...	1	2	2	6
Squash	134	45	36	7	2	...	...	...	8	24	22	78	6	11	5	12	3	7	1	2
Tomatoes	290	102	84	13	4	1	...	...	11	27	9	30	31	85	7	15	31	115	13	18
Mixed vegetables	950	61	24	14	12	6	3	2	2	6	19	531	17	202	8	96	9	100	6	15
Berries, tree fruits, nuts, and grapes:																				
Cranberries	11,472	643	284	148	122	45	29	15	...	...	...	...	...	...	...	...	...	...	643	11,472
Strawberries	180	72	60	7	4	1	...	...	10	33	28	44	9	25	12	31	7	42	6	5
Nursery, greenhouse, and flower crops	555	72	53	7	8	2	1	1	2	15	3	202	8	76	6	57	27	113	26	92
CONNECTICUT																				
Hay and grass seeds:																				
All hay cut	158	9	4	1	2	1	1	...	4	40	...	...	1	48	2	3	1	66	1	1
Other field crops:																				
Tobacco	1,196	26	5	4	9	6	...	2	15	213	11	983	...	...	...	...	...	...	...	...
Irish potatoes	668	21	6	...	7	2	5	1	10	218	10	449	...	...	...	...	...	...	1	1
Vegetables:																				
Beans, snap (bush and pole types)	120	18	11	4	2	...	1	...	8	64	6	26	1	8	...	...	3	22	...	...
Cabbage	103	18	9	6	3	...	...	...	7	33	4	22	3	34	3	12	...	...	1	2
Carrots	184	6	...	1	2	1	2	...	...	...	5	169	1	15	...	...	...	...	...	...
Corn, sweet	249	28	15	5	5	3	...	...	7	68	9	69	4	74	4	29	1	3	3	6
Tomatoes	164	37	26	7	3	1	...	...	7	55	15	62	5	22	6	22	1	1	3	2
Mixed vegetables	436	25	6	5	8	5	1	...	3	65	5	173	10	132	2	15	3	47	2	4
Nursery, greenhouse, and flower crops	603	44	26	8	4	3	1	2	...	...	2	52	8	179	4	164	10	102	20	106

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State Table 12.–FARMS REPORTING AND ACRES OF IRRIGATED CROPS BY ACRES IRRIGATED AND FREQUENCY OF IRRIGATION, BY STATES: 1960–Continued

[For each State data are shown only for crops with 100 or more acres irrigated in 1957]

State and crop	Total acres irrigated	Farms reporting by number of acres irrigated							Farms reporting and acres irrigated by number of times irrigated											
		Total	Under 5 acres	5-9 acres	10-24 acres	25-49 acres	50-99 acres	100 or more acres	1 time		2 times		3 times		4 times		5 or more times		Times not reported	
									Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres
NEW YORK																				
Corn for all purposes	751	30	9	2	9	6	2	2	10	289	11	315	4	58	2	42	...	...	3	47
Hay and grass seeds:																				
All hay cut	286	30	11	7	9	2	1	...	12	80	9	160	5	35	1	2	2	7	1	2
Pasture	679	46	15	6	19	4	1	1	12	268	13	105	8	143	6	97	6	58	2	8
Other field crops:																				
Dry field and seed beans	248	8	2	1	...	3	2	...	3	139	3	68	...	...	1	1	1	40	...	...
Irish potatoes	26,593	460	41	8	85	118	130	78	153	7,250	214	12,751	77	5,231	19	772	15	589	...	...
Vegetables:																				
Beans, snap (bush and pole types)	2,145	155	90	20	23	6	11	5	62	1,407	47	370	26	252	7	48	4	53	9	15
Beets (table)	638	53	39	4	4	...	4	2	7	84	16	70	17	369	2	98	5	9	6	8
Broccoli	701	29	9	4	5	7	2	2	4	91	8	100	7	239	6	127	4	144	...	...
Brussels sprouts	236	39	19	11	9	...	...	...	6	40	21	97	6	54	6	45	...	...	...	...
Cabbage	1,496	171	85	39	32	11	4	...	31	243	54	349	54	579	18	189	4	57	10	79
Cantaloups and muskmelons	244	62	44	11	7	...	...	...	14	84	19	47	13	58	10	40	3	9	3	6
Carrots	326	44	30	6	4	2	2	...	11	87	13	97	12	111	4	23	2	3	2	5
Cauliflower	2,783	276	71	86	102	14	2	1	33	321	83	848	92	980	46	435	16	162	8	37
Celery	701	48	21	15	2	4	5	1	4	88	13	304	5	24	11	179	11	40	4	66
Corn, sweet	2,102	164	77	32	35	10	6	4	41	451	57	1,012	39	387	9	84	8	94	10	74
Cucumbers and pickles	248	56	38	9	8	1	...	...	6	52	13	40	15	78	11	39	7	24	4	15
Lettuce and romaine	794	99	47	27	16	9	...	...	20	219	27	213	23	204	8	64	10	35	11	59
Onions	363	49	25	7	15	2	...	...	12	57	10	130	10	73	6	58	3	27	8	18
Peas, green	147	21	11	6	3	...	...	1	10	104	8	36	1	5	...	...	...	...	2	2
Peppers	194	61	45	14	2	...	...	...	6	11	11	40	13	47	10	33	16	50	5	13
Radishes	121	23	11	7	5	...	...	...	2	6	3	15	8	50	2	3	4	6	5	41
Spinach	509	37	17	8	7	2	2	1	8	266	12	103	10	86	2	11	1	4	4	39
Squash	121	38	33	3	1	1	...	...	6	48	10	19	10	34	2	6	6	8	4	6
Tomatoes	2,474	256	142	33	52	22	6	1	22	288	71	864	73	850	30	247	43	189	18	36
Mixed vegetables	1,637	115	42	26	26	14	5	2	6	196	20	215	51	873	10	125	16	154	12	74
Berries, tree fruits, nuts, and grapes:																				
Strawberries	1,264	287	214	36	31	6	...	...	31	94	63	275	95	554	49	179	36	140	13	22
Apples	112	13	6	3	3	1	...	...	9	97	1	8	...	...	1	5	2	2	...	...
Peaches	111	16	5	6	5	...	...	...	8	52	4	26	2	22	2	11	...	...	...	...
Nursery, greenhouse, and flower crops	1,624	237	170	34	17	6	7	3	11	224	13	189	12	81	12	136	92	649	97	345
Sod	515	4	...	...	1	1	...	2	...	...	1	40	...	...	1	16	2	459	...	...
NEW JERSEY																				
Corn for all purposes	587	39	10	9	10	9	...	1	12	243	17	169	5	79	2	59	3	37	...	...
Hay and grass seeds:																				
All hay cut	434	22	4	3	10	2	3	...	10	161	8	125	2	48	1	20	1	80	...	...
Pasture	384	30	11	6	8	3	1	1	10	82	8	164	5	45	4	82	2	10	1	1
Other field crops:																				
Irish potatoes	12,530	270	46	32	51	38	62	41	31	970	65	2,961	105	5,888	51	1,780	17	892	7	39
Sweetpotatoes	1,987	120	32	27	40	12	7	2	50	812	40	811	22	264	8	90	1	10	...	...
Vegetables:																				
Asparagus	162	19	10	4	3	1	1	...	5	54	9	43	1	6	1	3	...	...	3	56
Beans, green lima	330	39	23	4	6	5	1	...	8	114	16	92	8	113	4	6	1	1	2	4
Beans, snap (bush and pole types)	6,661	276	128	43	61	21	13	10	47	858	106	4,410	60	855	27	340	20	167	18	31
Beets (table)	261	73	59	7	4	3	...	...	5	13	10	26	19	108	11	41	26	71	3	2
Broccoli	1,812	48	25	7	9	3	2	2	10	71	10	1,489	18	178	6	64	3	3	2	7
Cabbage	1,678	163	66	38	39	16	3	1	22	244	38	517	44	353	36	340	21	219	3	5
Cantaloups and muskmelons	368	89	64	17	7	...	1	...	16	109	34	132	18	47	6	17	12	60	3	3
Carrots	453	24	8	2	9	2	2	1	5	84	6	189	5	133	3	4	5	43	...	...
Cauliflower	195	19	6	5	6	1	...	1	2	75	8	82	4	17	1	1	4	20	...	...
Celery	203	28	12	7	9	...	...	...	1	2	7	31	4	28	3	21	10	91	3	30
Corn, sweet	6,412	229	66	30	60	41	25	7	23	1,723	78	1,584	76	1,878	26	912	16	296	10	19
Cucumbers and pickles	1,306	191	99	56	27	7	2	...	2	4	17	145	51	294	26	130	88	714	8	19
Eggplant	592	138	99	22	16	1	...	...	10	30	31	157	36	134	23	92	36	175	2	4
Endive and escarole	441	59	31	17	7	3	1	...	6	37	15	54	14	106	9	88	11	147	4	9
Lettuce and romaine	2,323	198	94	38	43	12	8	3	19	185	61	598	43	675	33	598	34	241	9	26
Onions	1,321	129	75	22	21	6	2	3	10	198	32	315	36	384	18	200	27	212	6	12
Parsley	218	86	75	6	4	1	...	...	3	21	3	3	25	51	7	15	40	119	8	9
Peas, green	1,190	7	1	...	4	1	...	1	2	1,109	2	40	2	40	...	...	1	1	...	...
Peppers	2,637	354	158	101	80	12	3	...	40	343	96	864	96	739	54	316	56	360	12	15
Radishes	138	32	26	2	2	1	1	...	8	18	5	17	8	85	5	8	6	10	...	...
Spinach	1,712	36	17	5	7	2	4	1	5	1,378	7	92	10	126	8	98	3	14	3	4
Squash	438	98	69	17	10	2	...	...	14	142	22	96	33	121	15	45	11	33	3	1
Tomatoes	7,413	547	202	93	147	81	21	3	82	1,420	173	2,733	145	1,893	87	997	37	342	23	28
Mixed vegetables	2,623	147	52	19	47	15	10	4	8	158	29	342	66	1,101	21	403	18	318	5	301
Berries, tree fruits, nuts, and grapes:																				
Blueberries	1,739	89	27	23	23	8	5	3	6	155	21	596	28	295	13	504	18	178	3	11
Cranberries	4,366	91	15	18	23	13	9	13	...	...	...	...	...	...	...	...	...	...	91	4,366
Strawberries	1,807	322	201	56	54	8	3	...	37	289	68	473	76	355	48	220	74	452	19	18
Apples	186	11	1	4	4	1	1	...	8	170	2	14	...	...	1	2	...	...	...	...
Peaches	1,812	67	5	12	26	13	9	2	41	1,070	14	409	6	258	2	16	3	56	1	3
Nursery, greenhouse, and flower crops	3,649	308	167	54	50	17	14	4	14	98	13	523	27	290	23	395	111	1,445	118	898

State Table 12.–FARMS REPORTING AND ACRES OF IRRIGATED CROPS BY ACRES IRRIGATED AND FREQUENCY OF IRRIGATION, BY STATES: 1960–Continued

[For each State data are shown only for crops with 100 or more acres irrigated in 1957]

State and crop	Total acres irrigated	Farms reporting by number of acres irrigated							Farms reporting and acres irrigated by number of times irrigated											
		Total	Under 5 acres	5-9 acres	10-24 acres	25-49 acres	50-99 acres	100 or more acres	1 time		2 times		3 times		4 times		5 or more times		Times not reported	
									Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres
PENNSYLVANIA																				
Corn for all purposes	118	14	5	3	6	...	...	...	4	40	4	42	2	19	3	9	1	8	...	...
Hay and grass seeds:																				
All hay cut	545	21	5	5	7	2	...	2	7	49	6	85	3	52	1	20	3	335	1	4
Pasture	772	35	4	7	12	8	3	1	8	76	11	235	3	46	4	137	8	277	1	1
Other field crops:																				
Irish potatoes	1,617	86	27	12	28	9	8	2	29	588	41	904	10	45	1	50	2	24	3	6
Vegetables:																				
Cabbage	297	34	21	4	6	2	1	...	12	137	6	45	4	27	11	73	1	15	...	...
Celery	194	50	36	10	4	...	...	...	2	9	8	15	4	18	6	33	19	96	11	23
Corn, sweet	751	78	37	17	13	9	2	...	18	200	25	254	20	216	5	44	2	12	8	25
Cucumbers and pickles	190	10	6	2	1	...	...	1	1	6	3	168	2	4	3	3	1	9	...	...
Tomatoes	614	94	54	19	18	2	...	1	10	168	29	161	28	155	10	85	10	41	7	4
Mixed vegetables	437	37	16	7	10	1	3	...	1	1	7	32	11	78	7	85	4	84	7	157
Berries, tree fruits, nuts, and grapes:																				
Strawberries	190	76	65	10	1	...	...	...	15	21	18	52	17	51	15	42	4	13	7	11
Apples	135	5	2	1	1	...	...	1	4	115	1	20	...	...	...	...	...	...	...	...
Peaches	322	19	4	7	5	1	1	1	10	234	6	58	1	25	...	...	...	...	2	5
Nursery, greenhouse, and flower crops	747	132	89	20	14	8	1	...	2	32	10	80	6	54	8	46	48	258	70	277
OHIO																				
Corn for all purposes	400	18	3	2	8	4	...	1	8	239	7	153	...	...	...	...	1	4	2	4
Hay and grass seeds:																				
All hay cut	265	18	4	4	8	1	1	...	9	155	3	51	4	43	...	...	1	12	1	4
Pasture	186	12	2	6	3	...	1	...	2	12	6	122	2	25	...	...	1	20	1	7
Other field crops:																				
Tobacco	132	7	6	...	...	...	...	1	1	2	3	8	2	121	...	...	1	1	...	...
Irish potatoes	1,608	59	19	10	14	4	8	4	13	300	20	735	11	409	10	145	1	16	4	3
Vegetables:																				
Beans, snap (bush and pole types)	215	38	26	4	6	2	...	...	9	36	15	61	7	103	2	4	1	1	4	10
Cabbage	299	46	25	9	12	...	...	...	5	19	18	161	9	78	7	26	2	6	5	9
Celery	169	12	5	3	1	2	1	...	...	...	2	58	2	44	...	...	3	10	5	57
Corn, sweet	1,446	59	20	13	12	6	4	4	13	621	24	380	12	378	2	9	3	17	5	41
Lettuce and romaine	124	19	12	2	3	2	...	...	2	26	1	25	3	18	6	24	2	6	5	25
Peppers	155	23	13	5	4	1	...	...	1	7	9	84	4	26	3	13	2	17	4	8
Radishes	208	12	5	2	2	1	2	...	2	31	3	85	1	1	2	61	1	12	3	18
Tomatoes	242	86	69	12	4	1	...	...	4	25	12	29	26	90	9	44	14	29	21	25
Turnips and turnip greens	148	15	8	3	2	1	1	...	5	16	...	...	2	11	2	28	1	6	5	87
Mixed vegetables	823	36	10	5	14	3	2	2	...	...	8	78	11	236	2	40	6	56	9	413
Berries, tree fruits, nuts, and grapes:																				
Strawberries	310	53	37	8	6	1	1	...	5	28	14	47	16	134	3	35	9	55	6	11
Apples	220	9	2	2	1	2	2	...	7	105	...	...	2	115	...	...	...	...	...	...
Peaches	141	11	3	2	4	2	...	...	5	85	4	39	1	15	...	...	...	...	1	2
Nursery, greenhouse, and flower crops	1,503	184	130	21	21	6	2	4	1	20	1	4	12	335	4	34	90	673	76	437
INDIANA																				
Corn for all purposes	5,707	95	5	8	22	20	22	18	33	1,993	37	1,629	16	939	6	441	3	705	...	...
Small grains harvested:																				
Wheat	163	3	...	1	1	...	...	1	2	28	...	...	...	...	...	...	1	135	...	...
Hay and grass seeds:																				
All hay cut	535	15	2	1	7	1	2	2	6	117	4	138	3	128	...	...	1	150	1	2
Pasture	298	16	5	3	3	4	...	1	9	170	3	8	1	12	...	...	2	105	1	3
Other field crops:																				
Soybeans for all purposes	256	9	1	1	4	1	2	...	5	113	3	122	1	21	...	...	...	...	...	...
Tobacco	283	39	30	5	1	...	3	...	12	126	15	49	3	87	...	...	2	9	7	12
Irish potatoes	1,631	29	12	4	5	1	2	5	7	185	7	340	7	148	1	820	3	126	4	12
Mint for oil	1,241	9	1	2	2	1	...	3	4	199	4	1,032	...	...	1	10	...	...	...	...
Vegetables:																				
Beans, snap (bush and pole types)	240	37	28	3	3	1	2	...	1	2	11	27	7	161	2	22	5	15	11	13
Cabbage	234	28	18	3	3	3	1	...	1	2	8	99	6	62	4	54	4	11	5	6
Cantaloups and muskmelons	109	21	13	5	2	1	...	...	3	10	9	76	3	11	...	...	3	4	3	8
Corn, sweet	232	37	18	7	12	...	...	...	8	46	11	61	7	59	4	40	4	7	3	19
Lettuce and romaine	146	23	19	3	...	...	...	1	1	2	2	101	...	...	2	3	8	24	10	16
Onions	374	20	17	1	...	...	1	1	...	...	4	55	3	7	2	291	4	10	7	11
Peppers	109	18	13	2	1	2	...	...	...	...	3	7	6	28	2	31	5	38	2	5
Radishes	103	4	3	...	...	...	...	1	...	...	2	101	...	...	...	...	...	...	2	2
Tomatoes	394	60	44	9	3	1	2	1	1	1	8	75	13	243	2	4	19	54	17	17
Turnips and turnip greens	111	17	15	1	...	...	1	...	3	88	1	1	3	8	...	...	3	6	7	8
Mixed vegetables	189	24	15	2	4	2	1	...	...	...	11	144	3	17	1	1	2	13	7	14
Berries, tree fruits, nuts, and grapes:																				
Strawberries	252	38	22	8	7	...	1	...	2	13	7	30	7	105	5	37	12	59	5	8
Apples	179	5	2	...	1	...	2	...	4	176	...	...	...	...	1	3	...	...	...	...
Nursery, greenhouse, and flower crops	325	52	35	10	3	3	1	...	1	1	2	56	4	35	1	15	24	137	20	81

State Table 12.–FARMS REPORTING AND ACRES OF IRRIGATED CROPS BY ACRES IRRIGATED AND FREQUENCY OF IRRIGATION, BY STATES: 1960–Continued

[For each State data are shown only for crops with 100 or more acres irrigated in 1957.]

State and crop	Total acres irrigated	Farms reporting by number of acres irrigated							Farms reporting and acres irrigated by number of times irrigated											
		Total	Under 5 acres	5-9 acres	10-24 acres	25-49 acres	50-99 acres	100 or more acres	1 time		2 times		3 times		4 times		5 or more times		Times not reported	
									Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres
ILLINOIS																				
Corn for all purposes	2,161	38	1	1	7	10	11	8	14	863	20	1,043	4	252	...	...	1	3	...	...
Hay and grass seeds:																				
All hay cut	390	12	...	2	2	6	2	...	4	121	6	164	1	75	...	...	...	...	1	30
Pasture	225	7	...	2	1	3	...	1	1	20	1	26	2	143	2	30	...	...	1	6
Other field crops:																				
Soybeans for all purposes	640	14	...	1	4	5	2	2	7	203	5	132	2	305	...	...	...	...	...	...
Vegetables:																				
Beans, snap (bush and pole types)	344	23	7	3	9	2	2	...	6	99	9	131	6	47	...	...	...	...	2	67
Corn, sweet	198	17	4	3	9	...	1	...	5	82	11	113	...	...	1	3	...	...	...	...
Horseradish	306	16	1	4	7	4	...	...	...	...	7	107	7	152	1	43	...	...	1	4
Tomatoes	225	24	10	5	6	3	...	...	6	82	7	38	7	96	2	8	...	...	2	1
Mixed vegetables	168	7	2	...	2	2	1	...	...	...	...	...	6	143	...	...	1	25	...	...
Berries, tree fruits, nuts, and grapes:																				
Strawberries	161	23	13	4	5	1	...	...	4	45	9	74	3	14	1	1	3	18	4	9
Apples	109	4	2	1	...	...	...	1	2	105	1	3	...	...	...	...	...	...	1	1
Nursery, greenhouse, and flower crops	1,445	74	26	10	25	9	3	1	...	...	4	47	15	741	8	138	35	400	12	119
Sod	152	3	...	...	1	1	1	...	...	...	...	...	...	...	2	58	1	94	...	...
MICHIGAN																				
Corn for all purposes	875	42	12	5	14	6	4	1	15	249	14	233	3	283	5	92	2	12	3	6
Hay and grass seeds:																				
All hay cut	221	16	3	7	3	2	1	...	6	90	5	71	2	44	1	5	2	11	...	...
Pasture	429	19	6	3	6	3	...	1	5	55	6	52	4	272	2	42	1	6	1	2
Other field crops:																				
Dry field and seed beans	697	29	3	...	16	7	3	...	12	309	13	320	2	53	...	...	...	...	2	15
Irish potatoes	5,978	228	72	32	57	36	14	17	24	475	67	1,790	62	1,827	40	942	30	925	8	19
Sweetpotatoes	122	14	5	2	7	...	...	...	8	63	5	49	1	10	...	...	...	...	...	...
Mint for oil	197	2	...	...	...	1	1	...	...	...	...	...	2	197	...	...	...	...	...	...
Vegetables:																				
Beans, snap (bush and pole types)	650	78	37	19	15	6	1	...	29	288	19	126	24	169	5	50	4	11	6	6
Cabbage	515	81	48	20	9	2	2	...	21	189	24	167	14	44	13	38	8	76	1	1
Cantaloups and muskmelons	701	115	70	27	13	4	1	...	14	81	47	311	30	197	11	36	9	50	4	26
Carrots	196	14	5	5	3	...	...	1	3	19	2	113	4	32	3	21	2	11	...	...
Cauliflower	744	74	26	19	25	3	...	1	8	98	22	313	26	223	12	79	6	29	1	2
Celery	993	56	8	14	22	8	4	...	8	73	16	275	28	399	9	198	6	48	...	...
Corn, sweet	949	147	92	33	17	3	1	1	30	341	39	183	49	299	8	36	11	80	10	10
Cucumbers and pickles	1,947	149	52	24	50	17	6	...	25	338	53	760	36	472	17	212	20	152	2	13
Lettuce and romaine	137	31	25	4	...	2	...	...	4	52	9	19	4	35	6	11	7	16	1	4
Onions	158	24	15	5	2	2	...	...	3	44	7	35	5	54	4	13	3	10	2	2
Peppers	317	78	58	11	8	1	...	...	11	64	23	84	19	80	11	53	9	29	5	7
Radishes	194	24	14	5	2	2	1	...	5	57	5	58	5	53	1	1	4	20	4	5
Spinach	106	16	8	3	5	...	...	...	...	...	6	55	6	41	1	1	2	7	1	2
Squash	104	32	21	9	2	...	...	...	6	41	10	30	5	17	4	5	4	10	3	1
Tomatoes	1,552	269	160	57	43	9	...	...	40	253	72	428	71	471	33	200	31	162	22	38
Mixed vegetables	484	43	17	8	13	3	2	...	2	34	5	28	17	206	4	15	6	125	9	76
Berries, tree fruits, nuts, and grapes:																				
Blueberries	1,207	79	21	19	29	8	1	1	20	238	15	192	19	180	7	45	15	546	3	6
Raspberries	432	85	54	14	16	1	...	...	17	111	36	187	16	59	4	11	7	49	5	15
Strawberries	5,426	641	294	140	171	31	3	2	36	238	122	900	150	1,193	117	1,044	173	1,970	44	81
Apples	841	48	10	9	18	7	4	...	31	463	11	332	4	34	...	...	...	...	2	12
Peaches	694	58	18	19	16	3	...	2	35	271	19	395	2	25	...	...	1	2	1	1
Nursery, greenhouse, and flower crops	3,083	243	141	35	39	14	10	4	8	76	16	353	14	689	20	138	83	1,102	103	725
Sod	376	10	2	...	2	4	1	1	1	4	...	...	1	4	2	56	6	312	...	...
WISCONSIN																				
Corn for all purposes	934	28	6	2	8	9	...	3	11	367	5	107	6	108	2	39	4	313	...	...
Hay and grass seeds:																				
All hay cut	163	12	5	1	5	...	1	...	6	125	4	35	...	...	...	...	...	...	2	3
Pasture	189	9	2	1	5	...	...	1	1	7	2	21	2	115	1	14	2	28	1	4
Other field crops:																				
Soybeans for all purposes	170	8	...	2	2	4	...	...	1	17	3	53	2	38	2	62	...	...	...	...
Irish potatoes	12,718	152	25	12	27	26	20	42	17	633	27	1,600	32	3,421	27	1,338	53	5,726	...	...
Mint for oil	190	2	...	...	1	...	...	1	1	170	1	20	...	...	...	...	...	...	...	...
Vegetables:																				
Beans, snap (bush and pole types)	4,932	50	4	...	6	11	11	18	3	540	16	1,319	16	1,465	6	572	9	1,036	...	...
Celery	130	5	1	2	1	...	...	1	2	108	2	17	1	5	...	...	...	...	...	...
Corn, sweet	217	34	21	5	7	...	1	...	7	39	9	82	7	82	2	3	4	3	5	8
Cucumbers and pickles	2,167	50	6	...	17	11	13	3	13	491	11	804	17	584	4	168	4	116	1	4
Lettuce and romaine	439	4	2	...	...	...	1	1	2	435	1	2	1	2	...	...	...	...	...	...
Onions	105	6	4	1	...	...	1	...	1	90	3	11	1	2	...	...	1	2	...	...
Peppers	225	31	15	7	8	...	1	...	1	17	5	23	9	55	2	21	12	106	2	3
Mixed vegetables	113	17	9	4	3	1	...	...	2	9	2	2	3	54	3	15	5	21	2	12
Berries, tree fruits, nuts, and grapes:																				
Cranberries	4,340	119	3	18	29	43	17	9	...	...	...	...	...	...	...	...	...	...	119	4,340
Strawberries	507	100	68	16	13	3	...	...	11	59	17	63	13	98	16	86	33	181	10	20
Nursery, greenhouse, and flower crops	358	31	24	1	3	...	2	1	3	9	4	88	2	122	2	17	8	33	12	89

State Table 12.–FARMS REPORTING AND ACRES OF IRRIGATED CROPS BY ACRES IRRIGATED AND FREQUENCY OF IRRIGATION, BY STATES: 1960–Continued

[For each State data are shown only for crops with 100 or more acres irrigated in 1957.]

State and crop	Total acres irrigated	Farms reporting by number of acres irrigated							Farms reporting and acres irrigated by number of times irrigated											
		Total	Under 5 acres	5-9 acres	10-24 acres	25-49 acres	50-99 acres	100 or more acres	1 time		2 times		3 times		4 times		5 or more times		Times not reported	
									Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres
MINNESOTA																				
Corn for all purposes	2,317	54	10	4	12	12	10	6	17	572	15	392	14	571	5	582	4	160	1	40
Small grains harvested:																				
Oats	138	5	...	1	2	1	1	...	5	138	...	...	...	...	...	...	...	...	...	...
Wild rice	104	2	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	2	104
Hay and grass seeds:																				
All hay cut	1,283	38	3	3	17	9	4	2	11	526	11	312	7	153	7	172	3	120	...	...
Pasture	369	15	1	...	8	4	2	...	4	86	6	131	1	12	3	100	1	40	...	...
Other field crops:																				
Soybeans for all purposes	148	7	...	...	5	1	1	...	3	95	1	10	1	10	1	23	1	10	...	...
Sugar beets for sugar	305	4	...	...	1	...	1	2	2	200	2	105	...	...	...	...	...	...	...	...
Irish potatoes	4,501	98	23	5	16	16	22	16	8	252	11	500	25	916	27	1,287	27	1,542	4	4
Vegetables:																				
Cantaloups and muskmelons	138	18	10	2	4	2	...	...	4	10	3	29	4	18	5	79	...	...	2	2
Carrots	173	6	4	1	...	...	...	1	1	160	1	4	2	3	1	5	...	...	1	1
Corn, sweet	784	49	23	7	10	4	4	1	9	226	16	228	14	298	2	20	...	...	8	12
Tomatoes	181	70	61	7	2	...	...	...	8	14	10	23	17	69	10	27	12	29	14	19
Mixed vegetables	185	24	11	5	6	2	...	...	1	3	5	25	7	77	1	2	5	26	5	52
Berries, tree fruits, nuts, and grapes:																				
Strawberries	228	76	63	11	1	1	...	...	8	19	15	73	11	28	4	9	24	80	14	19
Nursery, greenhouse, and flower crops	751	78	59	3	10	4	1	1	...	...	4	33	3	58	7	22	25	118	39	520
IOWA																				
Corn for all purposes	10,662	123	3	6	7	27	42	38	82	7,481	29	1,753	7	874	3	339	2	210	2	5
Hay and grass seeds:																				
All hay cut	182	7	...	2	1	3	1	...	2	35	3	102	2	45	...	...	...	...	...	...
Other field crops:																				
Soybeans for all purposes	325	12	...	3	2	6	1	...	10	293	2	32	...	...	...	...	...	...	...	...
Sweetpotatoes	233	28	5	13	9	1	...	...	1	5	2	14	...	...	10	57	14	154	1	3
Vegetables:																				
Cantaloups and muskmelons	186	29	9	16	4	...	...	...	2	4	4	28	5	46	10	67	6	39	2	2
Cucumbers and pickles	107	11	3	4	3	1	...	...	...	...	5	36	1	8	1	13	4	50	...	...
Watermelons	304	32	9	10	11	2	...	...	3	13	2	17	6	36	9	96	10	139	2	3
Nursery, greenhouse, and flower crops	1,366	25	12	2	7	...	...	4	...	...	2	23	...	...	4	22	13	1,310	6	11
MISSOURI																				
Corn for all purposes	7,286	109	4	12	26	22	17	28	42	2,474	47	2,786	12	1,134	6	319	2	572	1	1
Sorghums for all purposes except sirup	199	13	2	2	7	2	...	...	5	77	6	102	2	20	...	...	...	...	...	...
Small grains harvested:																				
Rice	3,172	34	2	4	3	6	5	14	...	...	...	...	...	...	...	...	...	...	34	3,172
Hay and grass seeds:																				
All hay cut	1,043	24	3	6	5	5	2	3	9	255	7	540	5	165	1	40	2	43	...	...
Pasture	1,501	51	6	6	21	8	6	4	15	354	17	365	13	405	...	...	6	377	...	...
Other field crops:																				
Soybeans for all purposes	1,995	40	4	...	11	14	8	3	17	591	18	1,221	3	79	2	44	1	60	...	...
Cotton	3,313	74	1	8	22	17	19	7	31	1,426	33	1,496	6	251	4	56	2	84	...	...
Vegetables:																				
Beans, snap (bush and pole types)	146	16	11	2	2	...	...	1	...	...	5	6	6	128	2	5	3	7	...	...
Cabbage	242	32	16	7	7	1	1	...	3	9	7	62	8	101	2	17	8	48	4	5
Corn, sweet	522	19	10	3	2	3	...	1	1	1	5	386	10	132	...	...	2	2	1	1
Parsnips	100	1	...	...	...	...	...	1	...	...	...	...	1	100	...	...	...	...	...	...
Spinach	334	18	14	3	...	...	...	1	...	...	3	13	6	307	1	3	4	10	4	1
Tomatoes	249	81	68	9	3	1	...	...	5	13	9	78	21	59	13	33	20	46	13	20
Turnips and turnip greens	187	23	14	2	4	2	1	...	...	...	9	44	6	123	6	9	1	8	1	3
Mixed vegetables	252	36	20	7	8	...	1	...	...	...	1	1	8	96	3	24	2	5	22	126
Berries, tree fruits, nuts, and grapes:																				
Strawberries	254	39	18	13	7	1	...	...	1	3	9	48	11	39	5	27	12	135	1	2
Apples	937	18	2	...	5	7	2	2	9	230	5	306	1	40	3	361	...	...	...	...
Peaches	201	10	4	...	2	3	1	...	4	63	3	44	2	44	1	50	...	...	...	...
Nursery, greenhouse, and flower crops	954	40	27	5	3	2	1	2	...	...	2	5	5	533	2	3	15	290	16	123

State Table 12.–FARMS REPORTING AND ACRES OF IRRIGATED CROPS BY ACRES IRRIGATED AND FREQUENCY OF IRRIGATION, BY STATES: 1960–Continued

[For each State data are shown only for crops with 100 or more acres irrigated in 1957]

State and crop	Total acres irrigated	Farms reporting by number of acres irrigated							Farms reporting and acres irrigated by number of times irrigated											
		Total	Under 5 acres	5-9 acres	10-24 acres	25-49 acres	50-99 acres	100 or more acres	1 time		2 times		3 times		4 times		5 or more times		Times not reported	
									Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres
DELAWARE																				
Corn for all purposes	122	9	1	3	4	1	...	...	8	106	...	...	1	16	...	...	...	...	...	...
Pasture	149	7	1	1	2	3	...	...	...	...	4	91	2	55	...	...	...	...	1	3
Other field crops:																				
Irish potatoes	4,942	47	1	...	2	6	13	25	16	1,540	21	1,987	12	1,411	...	...	...	...	1	4
Vegetables:																				
Beans, green lima	349	7	1	...	...	3	2	1	6	347	...	...	...	...	1	2	...	...	...	...
Beans, snap (bush and pole types)	848	9	1	...	1	2	...	5	6	473	3	375	...	...	...	...	...	...	...	...
Cabbage	208	8	1	4	1	1	...	1	4	42	3	160	1	6	...	...	...	...	...	...
Cantaloups and muskmelons	129	10	3	3	2	1	1	...	1	3	3	89	4	31	...	...	1	5	1	1
Corn, sweet	465	12	4	1	3	2	...	2	3	58	5	357	2	43	1	2	...	...	1	5
Cucumbers and pickles	303	17	5	2	6	2	2	...	2	30	3	23	2	38	7	156	3	46	1	10
Peas, green	1,055	13	...	...	1	4	4	4	8	670	4	235	1	100	1	50	...	...	...	...
Tomatoes	435	23	2	3	11	6	1	...	4	69	12	296	1	6	3	45	...	...	3	19
Nursery, greenhouse, and flower crops	348	13	7	1	2	1	1	1	...	...	1	70	1	10	1	5	7	259	3	4
MARYLAND																				
Corn for all purposes	185	11	2	4	1	4	...	...	5	65	3	101	2	14	...	...	...	...	1	5
Hay and grass seeds:																				
All hay cut	127	7	1	2	1	3	...	...	2	14	1	2	2	61	1	25	1	25	...	...
Pasture	313	16	2	2	7	4	1	...	6	91	2	46	4	31	3	105	1	40	...	...
Other field crops:																				
Tobacco	418	31	3	6	19	3	...	...	2	27	17	251	10	129	...	...	1	10	1	1
Irish potatoes	396	16	7	2	1	2	4	...	7	246	3	6	4	93	1	50	...	...	1	1
Sweetpotatoes	230	17	6	4	5	...	2	...	5	112	6	43	5	60	1	15	...	...	...	...
Vegetables:																				
Beans, snap (bush and pole types)	1,761	36	10	8	5	1	7	5	13	345	14	926	6	479	3	11	...	...	...	...
Cantaloups and muskmelons	204	29	10	12	6	1	...	...	2	11	17	121	8	60	1	10	1	2	...	...
Corn, sweet	613	33	15	2	6	4	6	...	7	183	13	147	8	149	2	91	1	40	2	3
Cucumbers and pickles	685	61	15	20	19	6	1	...	1	20	8	75	25	320	15	205	7	49	5	16
Peas, green	615	12	...	1	3	3	3	2	5	209	6	391	1	15	...	...	...	...	...	...
Peppers	123	11	5	2	3	...	1	...	1	2	7	43	1	12	1	65	...	...	1	1
Spinach	214	5	1	...	...	1	3	...	2	100	2	64	1	50	...	...	...	...	...	...
Tomatoes	796	55	16	17	13	5	3	1	13	261	17	192	19	227	3	92	1	22	2	2
Watermelons	156	21	4	11	6	...	...	...	6	49	8	65	5	34	1	6	...	...	1	2
Mixed vegetables	141	14	5	5	2	2	...	...	4	18	3	45	4	70	...	...	...	...	3	8
Berries, tree fruits, nuts, and grapes:																				
Strawberries	217	18	8	6	1	2	1	...	3	34	6	33	5	26	...	...	3	123	1	1
Peaches	293	6	...	2	1	2	...	1	4	239	2	54	...	...	...	...	...	...	...	...
Nursery, greenhouse, and flower crops	486	52	27	9	11	4	...	1	2	44	1	5	6	46	1	20	20	282	22	89
VIRGINIA																				
Corn for all purposes	1,814	115	45	26	29	9	3	3	53	670	37	910	16	184	4	42	2	3	3	5
Hay and grass seeds:																				
All hay cut	1,485	78	14	14	31	13	3	3	30	478	21	284	16	561	7	138	3	18	1	6
Pasture	2,164	87	14	14	26	18	12	3	34	740	17	545	9	238	12	245	13	383	3	13
Other field crops:																				
Tobacco	9,610	1,258	511	478	249	14	4	2	76	482	338	2,460	489	4,261	169	1,384	99	662	88	361
Irish potatoes	2,858	69	26	4	6	14	10	9	14	1,031	23	773	22	594	3	240	4	89	3	131
Vegetables:																				
Beans, snap (bush and pole types)	828	47	33	4	4	...	2	4	6	285	18	299	21	237	...	...	2	7	...	...
Cabbage	795	28	2	3	14	6	1	2	4	77	15	543	6	105	1	50	1	5	1	15
Corn, sweet	953	64	43	7	2	2	9	1	7	291	27	241	15	189	9	176	...	...	6	56
Cucumbers and pickles	340	12	2	2	4	1	2	1	2	30	4	188	4	96	2	26	...	...	...	...
Spinach	459	2	...	1	...	...	...	1	...	...	...	...	2	459	...	...	...	...	...	...
Tomatoes	1,288	62	47	3	4	3	3	2	5	51	13	125	22	456	7	616	6	17	9	23
Turnips and turnip greens	805	8	3	2	...	1	...	2	...	...	3	55	...	...	1	182	3	9	2	559
Mixed vegetables	884	78	67	4	2	...	4	1	...	...	19	133	29	679	9	32	3	18	18	22
Berries, tree fruits, nuts, and grapes:																				
Strawberries	307	26	13	5	1	5	2	...	7	103	7	57	7	65	3	51	1	30	1	1
Apples	705	11	1	3	1	1	2	3	3	80	2	300	3	47	...	...	3	278	...	...
Peaches	496	15	5	4	2	...	3	1	4	22	7	455	3	15	...	...	...	...	1	4
Nursery, greenhouse, and flower crops	857	62	36	14	5	2	3	2	1	2	1	2	4	316	5	15	15	156	37	366

State Table 12.–FARMS REPORTING AND ACRES OF IRRIGATED CROPS BY ACRES IRRIGATED AND FREQUENCY OF IRRIGATION, BY STATES: 1960–Continued

[For each State data are shown only for crops with 100 or more acres irrigated in 1957]

State and crop	Total acres irrigated	Farms reporting by number of acres irrigated							Farms reporting and acres irrigated by number of times irrigated											
		Total	Under 5 acres	5-9 acres	10-24 acres	25-49 acres	50-99 acres	100 or more acres	1 time		2 times		3 times		4 times		5 or more times		Times not reported	
									Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres
WEST VIRGINIA																				
Vegetables:																				
Corn, sweet	139	3	1	...	...	...	2	...	1	78	2	61	...	...	...	...	...	...	...	...
NORTH CAROLINA																				
Corn for all purposes	1,735	246	143	62	33	5	2	1	71	429	103	766	43	407	9	40	9	58	11	35
Hay and grass seeds:																				
All hay cut	1,709	48	24	5	12	5	1	1	10	80	20	198	12	1,350	3	76	1	3	2	2
Pasture	1,227	117	48	29	27	9	3	1	25	152	44	446	28	335	11	206	4	76	5	12
Other field crops:																				
Cotton	284	31	10	12	6	3	...	...	12	76	10	96	9	112	...	...	...	...	...	...
Tobacco	46,286	5,944	2,124	2,341	1,333	126	18	2	723	4,894	1,711	13,840	2,060	17,236	697	5,684	377	3,045	379	1,587
Irish potatoes	1,028	139	110	5	11	7	5	1	19	32	42	111	35	288	4	52	8	143	31	402
Sweetpotatoes	324	72	52	9	9	2	...	...	17	149	29	88	18	63	3	7	1	2	4	15
Vegetables:																				
Beans, snap (bush and pole types)	266	136	128	4	2	...	2	...	15	78	64	119	41	34	4	10	5	19	7	6
Cabbage	540	34	11	12	6	3	...	2	3	12	9	252	16	166	3	6	1	1	2	103
Celery	115	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	115	...	...
Corn, sweet	281	144	129	7	5	3	...	...	17	30	59	127	41	49	4	16	4	51	19	8
Cucumbers and pickles	251	74	58	13	3	...	...	...	8	40	13	42	43	110	7	32	4	10	8	17
Peppers	308	67	49	11	5	2	...	...	5	27	21	62	26	183	7	19	1	3	7	14
Tomatoes	268	172	160	6	6	...	...	...	16	10	42	92	75	99	11	23	14	37	14	7
Mixed vegetables	412	158	144	9	3	1	...	1	8	8	49	125	66	238	6	7	5	10	24	24
Berries, tree fruits, nuts, and grapes:																				
Blueberries	110	3	...	...	1	1	1	...	...	...	...	...	2	70	1	40	...	...	...	...
Apples	143	7	...	1	3	3	...	...	3	50	1	8	3	85	...	...	...	...	...	...
Peaches	903	17	...	2	4	5	1	5	5	165	10	618	...	...	2	120	...	...	...	...
Nursery, greenhouse, and flower crops	1,381	105	64	12	14	6	7	2	...	...	3	43	4	68	4	16	35	312	59	942
SOUTH CAROLINA																				
Corn for all purposes	1,617	103	33	23	27	8	11	1	32	495	44	900	20	192	1	4	2	14	4	12
Hay and grass seeds:																				
All hay cut	125	12	5	3	2	2	...	...	3	44	3	13	2	35	2	10	2	23	...	...
Millet, other than proso	145	1	...	...	...	...	...	1	...	...	...	...	1	145	...	...	...	...	...	...
Pasture	2,344	81	13	9	26	18	11	4	22	386	25	579	21	866	9	250	6	263	...	...
Other field crops:																				
Soybeans for all purposes	136	4	1	...	1	...	2	...	3	135	...	...	...	...	...	...	...	...	1	1
Cotton	1,287	60	14	11	18	10	4	3	29	730	19	369	10	186	...	...	...	...	2	2
Tobacco	5,525	718	313	244	133	24	4	...	66	432	248	2,070	234	1,839	88	777	37	254	45	153
Irish potatoes	117	22	14	4	3	1	...	...	1	25	15	76	3	11	1	1	...	...	2	4
Sweetpotatoes	235	25	13	6	3	2	1	...	5	25	15	78	2	110	1	15	1	5	1	2
Vegetables:																				
Beans, snap (bush and pole types)	327	45	30	6	3	5	1	...	...	...	26	180	8	62	6	40	2	41	3	4
Cabbage	105	4	1	1	...	1	1	...	...	...	1	45	2	54	1	6	...	...	...	...
Collards	275	13	4	3	3	1	1	1	2	66	...	...	6	182	2	7	3	20	...	...
Cucumbers and pickles	379	13	2	1	2	5	3	...	2	80	4	96	5	195	1	7	...	...	1	1
Tomatoes	688	51	36	4	4	2	3	2	6	135	18	335	16	85	7	110	3	22	1	1
Turnips and turnip greens	276	26	17	6	2	...	...	1	4	188	4	16	13	42	3	25	1	4	1	1
Mixed vegetables	406	34	16	6	9	2	...	1	1	27	7	44	17	135	4	12	1	20	4	168
Berries, tree fruits, nuts, and grapes:																				
Peaches	6,667	125	2	5	38	37	27	16	69	3,734	45	1,935	13	813	2	185	...	...	...	...
Nursery, greenhouse, and flower crops	424	42	23	3	9	5	2	...	...	...	2	30	2	2	1	3	10	106	27	283
GEORGIA																				
Corn for all purposes	2,766	134	38	26	40	18	5	7	35	602	47	1,341	30	632	10	116	6	45	6	30
Sorghums for all purposes except sirup	148	5	1	2	...	1	...	1	1	9	1	100	1	1	1	8	1	30	...	...
Hay and grass seeds:																				
All hay cut	738	26	4	3	7	7	4	1	10	135	5	211	7	259	2	33	2	100	...	...
Pasture	2,409	99	10	18	39	18	11	3	27	636	26	770	26	498	7	258	10	237	3	10
Other field crops:																				
Soybeans for all purposes	121	3	...	1	1	...	...	1	1	9	1	100	...	...	1	12	...	...	...	...
Peanuts for all purposes	1,611	72	10	19	22	14	5	2	17	337	27	677	17	514	4	41	2	11	5	31
Cotton	1,372	60	8	12	26	8	3	3	26	757	19	394	9	121	3	84	1	4	2	12
Tobacco	11,347	1,553	759	499	254	31	6	4	120	656	284	2,150	518	4,056	242	1,807	252	2,207	142	471
Sugarcane and/or sorghums for sirup	123	5	3	...	1	...	...	1	1	100	1	3	1	1	2	19	...	...	...	...
Sweetpotatoes	900	34	8	13	6	4	...	3	2	165	15	83	9	352	7	299	1	1	...	...
Vegetables:																				
Beans, green lima	122	9	4	1	2	1	1	...	1	10	5	58	2	52	1	2	...	...	...	...
Beans, snap (bush and pole types)	529	79	41	22	12	3	1	...	7	54	21	129	15	61	18	168	13	109	5	8
Cabbage	289	10	2	1	2	3	2	...	1	50	4	143	3	57	...	...	2	39	...	...
Cantaloups and muskmelons	149	13	5	3	4	...	1	...	3	11	4	93	5	44	1	1	...	...	...	...
Collards	191	18	7	3	4	4	...	...	2	35	6	33	6	67	2	35	1	20	1	1
Corn, sweet	253	30	20	3	5	...	2	...	3	13	12	114	6	108	2	9	2	2	5	7
Lettuce and romaine	200	1	...	...	...	...	...	1	...	...	1	200	...	...	...	...	...	...	...	...
Tomatoes	698	60	34	13	8	2	1	2	8	54	14	218	19	290	7	43	11	88	1	5
Turnips and turnip greens	963	45	14	8	10	7	5	1	6	14	13	332	10	203	6	170	9	243	1	1
Mixed vegetables	1,317	51	34	6	3	2	3	3	5	6	12	135	15	184	9	654	4	283	6	55
Berries, tree fruits, nuts, and grapes:																				
Peaches	1,465	8	...	...	1	1	...	6	3	845	5	490	1	100	1	30	...	...	...	...
Nursery, greenhouse, and flower crops	4,401	77	32	6	19	4	4	12	1	150	3	491	7	605	1	350	16	288	50	2,517

State Table 12.–FARMS REPORTING AND ACRES OF IRRIGATED CROPS BY ACRES IRRIGATED AND FREQUENCY OF IRRIGATION, BY STATES: 1960–Continued

[For each State data are shown only for crops with 100 or more acres irrigated in 1957]

State and crop	Total acres irrigated	Farms reporting by number of acres irrigated							Farms reporting and acres irrigated by number of times irrigated											
		Total	Under 5 acres	5-9 acres	10-24 acres	25-49 acres	50-99 acres	100 or more acres	1 time		2 times		3 times		4 times		5 or more times		Times not reported	
									Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres
FLORIDA																				
Corn for all purposes	2,966	67	18	8	13	10	8	10	18	488	18	967	13	331	3	131	5	255	10	794
Sorghums for all purposes except sirup	250	3	1	1	...	...	...	1	...	...	1	7	1	3	...	...	...	...	1	240
Hay and grass seeds:																				
All hay cut	1,376	15	1	2	4	1	1	6	1	50	5	287	1	150	1	8	5	476	2	405
Pasture	135,582	235	6	10	23	31	31	134	24	14,932	42	8,872	26	6,242	26	9,649	76	57,911	41	37,976
Other field crops:																				
Peanuts for all purposes	353	27	5	10	9	2	1	...	3	108	5	61	4	38	5	41	8	69	2	36
Dry field and seed peas	118	8	2	1	4	1	...	...	1	20	...	...	1	1	1	10	2	46	3	41
Cotton	257	6	2	1	1	...	1	1	1	180	2	10	...	...	...	...	...	...	3	67
Tobacco	7,645	568	168	158	167	58	13	4	2	8	36	359	109	1,084	126	1,589	248	4,423	47	182
Sugarcane and/or sorghums for sirup	12,681	14	2	1	1	1	...	9	1	1,900	4	8,340	2	1,262	...	...	4	653	3	526
Irish potatoes	15,235	128	16	6	14	9	31	52	20	1,995	29	3,560	36	4,757	18	1,728	11	1,193	14	2,002
Sweetpotatoes	275	12	5	1	3	2	...	1	1	2	4	61	3	148	1	1	2	43	1	20
Ramie	1,800	2	...	...	...	...	...	2	...	...	...	...	...	...	...	...	1	800	1	1,000
Vegetables:																				
Beans, green lima	129	11	3	3	4	...	1	...	1	12	1	6	...	...	1	22	3	18	5	71
Beans, snap (bush and pole types)	22,099	184	70	17	22	14	14	47	4	649	29	2,240	35	1,467	15	181	47	6,991	54	10,571
Blackeyes and other green cowpeas	136	4	3	...	...	...	...	1	...	...	...	...	1	2	1	3	1	130	1	1
Broccoli	381	8	3	1	3	...	...	1	1	1	1	3	2	332	...	...	3	30	1	15
Cabbage	7,683	127	19	16	27	23	17	25	8	925	25	1,697	17	1,535	22	716	29	783	26	2,027
Cantaloups and muskmelons	651	32	6	9	11	3	1	2	6	75	13	218	3	165	4	30	4	53	2	110
Carrots	167	4	...	1	1	...	2	...	2	65	...	...	1	22	...	...	...	...	1	80
Cauliflower	479	11	4	2	2	...	1	2	2	150	2	6	1	51	2	235	1	2	3	35
Celery	9,236	30	1	1	8	3	6	11	2	1,371	...	...	3	1,018	2	240	11	897	12	5,710
Collards	130	27	18	3	6	...	...	...	2	5	2	5	5	22	2	5	12	71	4	22
Corn, sweet	18,045	60	21	7	6	1	4	21	7	431	7	1,872	10	1,279	2	7	8	719	26	13,737
Cucumbers and pickles	7,809	148	42	24	24	12	23	23	3	132	18	282	18	409	17	404	58	2,728	34	3,854
Eggplant	1,929	89	35	16	17	10	8	3	1	42	6	53	9	141	9	63	32	375	32	1,255
Endive and escarole	864	10	2	...	1	1	2	4	...	...	...	...	1	54	...	...	1	100	8	710
Lettuce and romaine	1,480	38	14	5	7	5	4	3	8	240	6	41	6	379	3	20	7	121	8	679
Okra	310	36	20	6	7	2	1	...	...	...	5	80	6	18	8	25	13	181	4	6
Onions	188	12	5	1	4	...	2	...	...	...	2	5	1	16	3	18	2	25	4	124
Peas, green	469	26	7	7	5	4	3	...	1	10	5	42	4	68	4	69	4	53	8	227
Peppers	8,448	269	100	47	55	17	17	33	8	146	14	105	27	877	23	337	113	2,624	84	4,359
Radishes	5,785	8	...	...	2	...	...	6	...	...	...	...	...	...	...	...	3	485	5	5,300
Spinach	402	4	2	...	...	...	...	2	...	...	1	1	...	...	1	1	...	...	2	400
Squash	3,358	103	29	16	22	15	12	9	10	154	18	544	15	447	9	547	28	875	23	791
Tomatoes	24,557	268	47	18	52	36	63	52	6	92	17	1,012	27	2,616	40	4,416	138	11,481	41	4,940
Turnips and turnip greens	1,217	44	29	3	5	4	2	1	5	19	9	58	7	22	2	17	13	135	8	966
Watermelons	6,342	99	1	1	33	26	17	21	13	599	23	837	20	1,376	13	1,098	22	2,113	8	319
Mixed vegetables	10,915	130	57	18	18	15	12	10	1	5	21	355	25	989	13	1,016	39	853	32	7,697
Berries, tree fruits, nuts, and grapes:																				
Strawberries	350	111	90	16	5	...	...	...	1	1	3	6	6	21	11	30	67	257	23	35
Avocados	649	24	9	8	2	...	2	3	1	7	5	202	2	162	...	...	15	277	1	1
Mangoes	246	30	19	7	1	1	2	...	1	53	4	15	4	15	1	3	12	146	8	14
Grapefruit	966	38	9	9	12	2	5	1	9	353	11	152	4	87	4	134	8	149	3	91
Limes	981	27	4	9	7	2	2	3	3	64	3	140	2	13	5	558	13	202	1	4
Oranges	5,195	133	16	18	38	31	13	17	36	1,182	43	2,349	16	609	14	296	18	600	10	159
Citrus, kind not specified	97,241	732	47	62	169	158	118	178	179	24,116	171	23,905	124	14,410	79	7,948	102	22,723	86	4,139
Almonds	700	1	...	...	...	...	...	1	...	...	1	700	...	...	...	...	...	...	...	...
Nursery, greenhouse, and flower crops	12,745	623	407	84	62	21	16	33	7	241	8	74	9	603	7	110	259	5,955	333	5,762
Sod	2,137	12	...	2	2	1	...	7	...	...	1	250	2	600	1	12	4	431	4	844
KENTUCKY																				
Corn for all purposes	288	23	8	5	6	3	1	...	9	96	8	109	1	19	2	60	...	...	3	4
Hay and grass seeds:																				
All hay cut	570	36	8	6	18	2	1	1	14	277	17	226	5	67	...	...	...	...	...	...
Pasture	459	16	5	2	4	3	...	2	11	389	2	33	1	32	...	...	...	...	2	5
Other field crops:																				
Tobacco	3,950	657	358	205	74	17	3	...	228	1,438	278	1,830	67	400	15	60	7	53	64	169
Irish potatoes	104	19	15	1	2	1	...	...	1	3	12	86	3	8	1	5	...	...	2	2
Vegetables:																				
Beans, snap (bush and pole types)	126	35	23	8	4	...	...	...	3	6	9	36	14	69	2	6	1	3	6	6
Tomatoes	115	39	34	1	4	...	...	...	3	11	17	65	6	19	6	10	2	6	5	4
Berries, tree fruits, nuts, and grapes:																				
Strawberries	155	20	13	2	2	3	...	...	5	49	4	55	6	19	...	...	3	30	2	2
Nursery, greenhouse, and flower crops	220	18	11	1	4	1	...	1	...	...	1	3	2	15	...	...	4	39	11	163

State Table 12.–FARMS REPORTING AND ACRES OF IRRIGATED CROPS BY ACRES IRRIGATED AND FREQUENCY OF IRRIGATION, BY STATES: 1960–Continued

[For each State data are shown only for crops with 100 or more acres irrigated in 1957]

State and crop	Total acres irrigated	Farms reporting by number of acres irrigated							Farms reporting and acres irrigated by number of times irrigated											
		Total	Under 5 acres	5-9 acres	10-24 acres	25-49 acres	50-99 acres	100 or more acres	1 time		2 times		3 times		4 times		5 or more times		Times not reported	
									Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres
TENNESSEE																				
Corn for all purposes	903	41	13	6	11	6	4	1	16	370	11	213	8	125	3	171	2	21	3	3
Small grains harvested:																				
Rice	536	2	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	2	536
Hay and grass seeds:																				
All hay cut	794	58	17	13	20	5	3	...	16	245	14	150	15	269	4	76	4	46	5	8
Pasture	1,518	56	11	4	17	17	5	2	14	406	13	336	14	435	4	28	10	311	1	2
Other field crops:																				
Soybeans for all purposes	199	2	...	...	...	2	...	...	...	...	2	199	...	...	...	...	...	...	...	...
Cotton	606	17	2	4	4	2	2	3	5	128	8	331	2	140	2	7	...	...	...	...
Tobacco	1,281	423	360	51	10	1	1	...	142	465	123	440	63	197	14	34	7	9	75	136
Vegetables:																				
Beans, snap (bush and pole types)	914	41	27	3	5	1	3	2	10	493	10	387	9	21	2	11	3	1	7	1
Cabbage	148	7	2	2	2	...	...	1	...	...	3	111	4	37	...	...	...	...	...	...
Turnips and turnip greens	159	13	6	3	2	1	1	...	1	50	5	71	1	9	1	1	1	1	4	27
Mixed vegetables	102	28	21	3	4	...	...	...	...	...	13	65	4	6	6	24	2	2	3	5
Berries, tree fruits, nuts, and grapes:																				
Strawberries	192	34	18	11	3	2	...	...	6	31	8	42	9	89	2	6	4	18	5	6
Apples	109	5	...	1	2	2	...	...	2	52	1	31	2	26	...	...	...	...	...	...
Nursery, greenhouse, and flower crops	1,501	27	10	4	4	3	1	5	1	6	...	...	2	11	1	100	8	971	15	413
ALABAMA																				
Corn for all purposes	1,979	40	7	4	9	9	5	6	12	727	13	849	7	152	3	40	6	211	...	...
Sorghums for all purposes except sirup	110	1	...	...	...	...	...	1	...	...	1	110	...	...	...	...	...	...	...	...
Hay and grass seeds:																				
All hay cut	173	12	2	2	7	1	...	...	2	22	6	105	2	30	...	...	2	16	...	...
Pasture	1,161	25	2	1	11	4	5	2	4	520	2	98	8	271	3	48	7	221	1	3
Other field crops:																				
Cotton	5,555	66	...	4	9	22	12	19	18	1,288	26	2,228	10	1,095	5	134	7	810	...	...
Sugarcane and/or sorghums for sirup	415	2	...	...	1	...	...	1	...	...	1	15	...	...	...	...	1	400	...	...
Irish potatoes	408	11	...	2	2	3	4	...	1	45	3	94	4	153	2	66	1	50	...	...
Sweetpotatoes	224	7	2	...	3	1	1	...	1	7	3	20	1	34	1	150	2	13	...	...
Vegetables:																				
Beans, snap (bush and pole types)	306	15	5	2	5	...	3	...	...	...	2	104	2	7	3	11	7	174	1	10
Corn, sweet	295	9	3	1	2	...	1	2	1	50	3	85	2	4	1	5	2	150	1	1
Mixed vegetables	569	15	9	...	2	2	...	2	...	...	1	125	5	72	3	40	3	324	3	8
Berries, tree fruits, nuts, and grapes:																				
Peaches	115	4	1	2	...	...	...	1	2	105	1	7	...	...	...	...	...	...	1	3
Nursery, greenhouse, and flower crops	1,365	54	26	5	7	5	9	2	1	48	...	...	3	182	1	50	25	525	25	560
Sod	175	6	1	...	2	1	2	...	...	...	...	...	...	...	...	...	3	50	3	125
MISSISSIPPI																				
Corn for all purposes	4,440	107	19	15	22	28	13	10	30	886	51	2,012	19	1,098	6	406	3	38	...	...
Sorghums for all purposes except sirup	569	10	...	1	3	3	1	2	6	181	3	163	...	...	1	225	...	...	...	...
Small grains harvested:																				
Rice	44,976	199	...	1	10	8	21	159	...	...	...	...	...	...	...	...	...	...	199	44,976
Pasture	3,166	39	...	4	7	8	8	12	10	367	21	2,026	5	550	2	33	1	190	...	...
Other field crops:																				
Soybeans for all purposes	14,009	134	1	3	24	27	29	50	88	10,097	31	1,963	12	1,876	3	73	...	...	...	...
Dry field and seed beans	565	5	...	...	...	...	2	3	4	490	1	75	...	...	...	...	...	...	...	...
Cotton	66,550	414	4	19	42	41	77	231	160	25,244	214	32,946	51	7,260	10	817	2	283	...	...
Nursery, greenhouse, and flower crops	579	23	7	5	5	4	1	1	1	40	1	4	1	290	3	37	6	94	11	114

State Table 12.–FARMS REPORTING AND ACRES OF IRRIGATED CROPS BY ACRES IRRIGATED AND FREQUENCY OF IRRIGATION, BY STATES: 1960–Continued

[For each State data are shown only for crops with 100 or more acres irrigated in 1957]

State and crop	Total acres irrigated	Farms reporting by number of acres irrigated							Farms reporting and acres irrigated by number of times irrigated											
		Total	Under 5 acres	5-9 acres	10-24 acres	25-49 acres	50-99 acres	100 or more acres	1 time		2 times		3 times		4 times		5 or more times		Times not reported	
									Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres
ARKANSAS																				
Corn for all purposes	6,785	276	65	60	83	30	21	17	93	2,423	109	2,417	38	718	14	852	11	280	11	95
Sorghums for all purposes except sirup	857	25	5	1	8	6	2	3	16	631	7	172	1	50	...	...	1	4	...	...
Small grains harvested:																				
Oats	112	2	...	...	1	...	...	1	1	100	...	...	1	12	...	...	...	...	...	...
Rye	355	2	...	...	...	...	1	1	...	...	1	275	...	...	1	80	...	...	...	...
Rice	375,973	3,211	45	117	339	432	855	1,423	...	...	...	...	...	...	...	...	...	...	3,211	375,973
Hay and grass seeds:																				
All hay cut	6,553	94	1	10	26	21	17	19	53	3,328	32	2,326	5	86	3	63	...	...	1	750
Lespedeza seed	3,514	26	...	1	...	5	10	10	18	1,685	8	1,669	2	160	...	...	...	...	...	...
Pasture	8,702	144	14	18	35	36	25	16	58	2,921	51	4,046	21	1,305	2	20	3	175	9	235
Other field crops:																				
Soybeans for all purposes	263,004	1,831	17	59	232	293	348	882	867	105,960	799	125,805	167	23,840	19	1,975	5	232	39	5,192
Dry field and seed beans	1,390	5	...	...	...	...	2	3	2	315	3	1,075	...	...	...	...	...	...	...	...
Cotton	166,690	2,354	35	210	640	542	449	478	685	47,420	1,072	71,910	464	37,213	82	5,787	38	2,372	38	1,988
Tobacco	143	8	1	...	5	2	...	...	1	15	3	36	1	12	...	...	...	...	3	80
Sweetpotatoes	474	15	11	1	1	...	...	2	2	4	7	445	4	19	2	6	...	...	...	...
Vegetables:																				
Beans, snap (bush and pole types)	1,214	29	6	...	11	6	3	3	5	278	13	601	7	228	2	62	2	45	...	...
Corn, sweet	278	17	8	2	2	2	2	1	5	136	8	136	1	1	...	...	...	...	3	5
Cucumbers and pickles	122	14	8	2	3	...	1	...	...	...	5	78	4	34	5	10	...	...	...	...
Spinach	719	10	1	1	1	1	4	2	2	45	3	164	1	95	3	215	1	200	...	...
Turnips and turnip greens	355	15	6	1	4	2	1	1	5	56	1	150	3	90	...	...	5	56	1	3
Mixed vegetables	186	16	10	3	...	2	1	...	1	80	2	6	8	83	1	8	2	4	2	5
Berries, tree fruits, nuts, and grapes:																				
Strawberries	828	75	40	18	10	3	2	2	5	18	17	107	17	113	20	229	10	347	10	14
Peaches	241	2	1	...	...	...	...	1	...	...	1	240	...	...	...	...	...	...	1	1
Pecans	150	1	...	...	...	...	...	1	...	...	1	150	...	...	...	...	...	...	...	...
Nursery, greenhouse, and flower crops	114	10	3	2	4	1	...	...	...	...	2	28	2	25	1	10	2	8	3	43

COUNTY TABLES

County Table 1.—FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960

Item (For definitions and explanations, see text)	The State	Cumberland
MAINE		
Farms reporting irrigation.....number...	104	50
Land irrigated.....acres...	2,438	1,407
ACRES IRRIGATED BY SOURCE OF WATER		
Wells.....farms reporting...	6	3
acres...	180	173
Natural streams and rivers.....farms reporting...	41	17
acres...	1,359	615
Springs and seepage.....farms reporting...	41	24
acres...	453	355
Farm runoff.....farms reporting...	27	12
acres...	203	86
Natural lakes and ponds.....farms reporting...	12	5
acres...	102	55
Drainage ditches.....farms reporting...	8	5
acres...	37	25
Municipal water supply systems.....farms reporting...	16	14
acres...	104	98
Irrigation or drainage organizations....farms reporting...	...	...
acres...	...	...
Other sources.....farms reporting...	...	...
acres...	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED		
Hay and seed crops.....total acres...	20	20
Irrigated 1 time.....acres...	20	20
Irrigated 2 times.....acres...	...	...
Irrigated 3 times.....acres...	...	...
Irrigated 4 times.....acres...	...	...
Irrigated 5 or more times.....acres...	...	...
Times irrigated not reported.....acres...	...	...
Field crops other than hay and seed crops...total acres...	839	409
Irrigated 1 time.....acres...	371	291
Irrigated 2 times.....acres...	212	90
Irrigated 3 times.....acres...	205	18
Irrigated 4 times.....acres...	32	2
Irrigated 5 or more times.....acres...	17	6
Times irrigated not reported.....acres...	2	2
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED—Continued		
Vegetables.....total acres...	1,015	766
Irrigated 1 time.....acres...	114	53
Irrigated 2 times.....acres...	262	221
Irrigated 3 times.....acres...	484	432
Irrigated 4 times.....acres...	36	22
Irrigated 5 or more times.....acres...	36	35
Times irrigated not reported.....acres...	83	3
Berries and small fruits.....total acres...	344	260
Irrigated 1 time.....acres...	...	...
Irrigated 2 times.....acres...	71	8
Irrigated 3 times.....acres...	241	230
Irrigated 4 times.....acres...	14	13
Irrigated 5 or more times.....acres...	8	5
Times irrigated not reported.....acres...	10	4
Tree fruits, nuts, and grapes.....total acres...	63	2
Irrigated 1 time.....acres...	...	...
Irrigated 2 times.....acres...	61	...
Irrigated 3 times.....acres...	...	...
Irrigated 4 times.....acres...	...	...
Irrigated 5 or more times.....acres...	2	2
Times irrigated not reported.....acres...	...	...
Other crops.....total acres...	206	10
Irrigated 1 time.....acres...	54	...
Irrigated 2 times.....acres...	3	...
Irrigated 3 times.....acres...	11	1
Irrigated 4 times.....acres...	...	...
Irrigated 5 or more times.....acres...	128	...
Times irrigated not reported.....acres...	10	9
MAJOR INDIVIDUAL CROPS IRRIGATED		
Irish potatoes.....farms reporting...	34	15
acres...	728	312
Cabbage.....farms reporting...	19	15
acres...	115	108
Corn, sweet.....farms reporting...	36	13
acres...	139	50
Lettuce and romaine.....farms reporting...	18	15
acres...	219	215
Blueberries.....farms reporting...	3	1
acres...	284	220
Nursery, greenhouse, and flower crops...farms reporting...	13	5
acres...	129	8

Item (For definitions and explanations, see text)	The State
NEW HAMPSHIRE	
Farms reporting irrigation.....number...	70
Land irrigated.....acres...	1,129
ACRES IRRIGATED BY SOURCE OF WATER	
Wells.....farms reporting...	7
acres...	31
Natural streams and rivers.....farms reporting...	31
acres...	749
Springs and seepage.....farms reporting...	22
acres...	180
Farm runoff.....farms reporting...	10
acres...	68
Natural lakes and ponds.....farms reporting...	3
acres...	27
Drainage ditches.....farms reporting...	2
acres...	12
Municipal water supply systems.....farms reporting...	10
acres...	62
Irrigation or drainage organizations....farms reporting...	...
acres...	...
Other sources.....farms reporting...	...
acres...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED	
Hay and seed crops.....total acres...	69
Irrigated 1 time.....acres...	9
Irrigated 2 times.....acres...	60
Irrigated 3 times.....acres...	...
Irrigated 4 times.....acres...	...
Irrigated 5 or more times.....acres...	...
Times irrigated not reported.....acres...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED—Continued	
Field crops other than hay and seed crops...total acres...	142
Irrigated 1 time.....acres...	14
Irrigated 2 times.....acres...	12
Irrigated 3 times.....acres...	110
Irrigated 4 times.....acres...	...
Irrigated 5 or more times.....acres...	6
Times irrigated not reported.....acres...	...
Vegetables.....total acres...	749
Irrigated 1 time.....acres...	144
Irrigated 2 times.....acres...	87
Irrigated 3 times.....acres...	378
Irrigated 4 times.....acres...	53
Irrigated 5 or more times.....acres...	30
Times irrigated not reported.....acres...	57
Berries and small fruits.....total acres...	20
Irrigated 1 time.....acres...	...
Irrigated 2 times.....acres...	11
Irrigated 3 times.....acres...	5
Irrigated 4 times.....acres...	2
Irrigated 5 or more times.....acres...	1
Times irrigated not reported.....acres...	1
Tree fruits, nuts, and grapes.....total acres...	19
Irrigated 1 time.....acres...	...
Irrigated 2 times.....acres...	2
Irrigated 3 times.....acres...	...
Irrigated 4 times.....acres...	17
Irrigated 5 or more times.....acres...	...
Times irrigated not reported.....acres...	...
Other crops.....total acres...	101
Irrigated 1 time.....acres...	13
Irrigated 2 times.....acres...	2
Irrigated 3 times.....acres...	32
Irrigated 4 times.....acres...	...
Irrigated 5 or more times.....acres...	24
Times irrigated not reported.....acres...	30

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State
VERMONT	
Farms reporting irrigation.....number...	13
Land irrigated.....acres...	598
ACRES IRRIGATED BY SOURCE OF WATER	
Wells.....farms reporting...	...
acres...	...
Natural streams and rivers.....farms reporting...	11
acres...	423
Springs and seepage.....farms reporting...	1
acres...	100
Farm runoff.....farms reporting...	...
acres...	...
Natural lakes and ponds.....farms reporting...	1
acres...	45
Drainage ditches.....farms reporting...	...
acres...	...
Municipal water supply systems.....farms reporting...	1
acres...	30
Irrigation or drainage organizations....farms reporting...	...
acres...	...
Other sources.....farms reporting...	...
acres...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED	
Hay and seed crops.....total acres...	219
Irrigated 1 time.....acres...	219
Irrigated 2 times.....acres...	...
Irrigated 3 times.....acres...	...
Irrigated 4 times.....acres...	...
Irrigated 5 or more times.....acres...	...
Times irrigated not reported.....acres...	...

Item (For definitions and explanations, see text)	The State
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED—Continued	
Field crops other than hay and seed crops...total acres...	225
Irrigated 1 time.....acres...	25
Irrigated 2 times.....acres...	...
Irrigated 3 times.....acres...	200
Irrigated 4 times.....acres...	...
Irrigated 5 or more times.....acres...	...
Times irrigated not reported.....acres...	...
Vegetables.....total acres...	115
Irrigated 1 time.....acres...	3
Irrigated 2 times.....acres...	12
Irrigated 3 times.....acres...	100
Irrigated 4 times.....acres...	...
Irrigated 5 or more times.....acres...	...
Times irrigated not reported.....acres...	...
Berries and small fruits.....total acres...	5
Irrigated 1 time.....acres...	2
Irrigated 2 times.....acres...	...
Irrigated 3 times.....acres...	...
Irrigated 4 times.....acres...	2
Irrigated 5 or more times.....acres...	1
Times irrigated not reported.....acres...	...
Tree fruits, nuts, and grapes.....total acres...	...
Irrigated 1 time.....acres...	...
Irrigated 2 times.....acres...	...
Irrigated 3 times.....acres...	...
Irrigated 4 times.....acres...	...
Irrigated 5 or more times.....acres...	...
Times irrigated not reported.....acres...	...
Other crops.....total acres...	33
Irrigated 1 time.....acres...	...
Irrigated 2 times.....acres...	2
Irrigated 3 times.....acres...	...
Irrigated 4 times.....acres...	...
Irrigated 5 or more times.....acres...	31
Times irrigated not reported.....acres...	...

Item (For definitions and explanations, see text)	The State	Barnstable	Bristol	Hampden	Middlesex	Plymouth
MASSACHUSETTS						
Farms reporting irrigation.....number...	958	168	91	32	60	484
Land irrigated.....acres...	17,841	1,460	1,662	1,349	1,284	9,846
ACRES IRRIGATED BY SOURCE OF WATER						
Wells.....farms reporting...	144	36	17	1	6	71
acres...	1,309	214	253	2	73	656
Natural streams and rivers.....farms reporting...	426	68	31	15	17	264
acres...	7,345	235	257	691	367	5,037
Springs and seepage.....farms reporting...	277	26	35	11	31	132
acres...	3,790	224	476	513	417	1,682
Farm runoff.....farms reporting...	65	2	10	...	4	40
acres...	635	6	96	...	16	419
Natural lakes and ponds.....farms reporting...	165	43	10	...	5	85
acres...	3,025	622	266	...	105	1,673
Drainage ditches.....farms reporting...	49	6	10	1	5	24
acres...	626	129	51	1	74	335
Municipal water supply systems.....farms reporting...	115	11	11	15	18	11
acres...	1,109	30	263	142	232	42
Irrigation or drainage organizations....farms reporting...	...	...	...	...	...	...
acres...	...	...	...	...	...	...
Other sources.....farms reporting...	1	...	...	...	...	1
acres...	2	...	...	...	...	2
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED						
Hay and seed crops.....total acres...	109	...	43	45	5	...
Irrigated 1 time.....acres...	8	...	1	...	2	...
Irrigated 2 times.....acres...	87	...	42	45	...	...
Irrigated 3 times.....acres...	11	...	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...
Times irrigated not reported.....acres...	3	...	...	...	3	...
Field crops other than hay and seed crops...total acres...	1,561	10	31	873	30	48
Irrigated 1 time.....acres...	295	2	7	85	7	40
Irrigated 2 times.....acres...	1,215	4	16	788	9	4
Irrigated 3 times.....acres...	31	4	5	...	5	...
Irrigated 4 times.....acres...	2	...	...	...	...	2
Irrigated 5 or more times.....acres...	9	...	...	...	8	1
Times irrigated not reported.....acres...	9	...	3	...	1	1
Vegetables.....total acres...	4,099	297	1,161	384	821	188
Irrigated 1 time.....acres...	591	34	109	111	146	23
Irrigated 2 times.....acres...	1,403	80	500	196	228	95
Irrigated 3 times.....acres...	1,099	161	236	55	236	32
Irrigated 4 times.....acres...	377	19	116	2	112	5
Irrigated 5 or more times.....acres...	487	1	159	19	90	2
Times irrigated not reported.....acres...	142	2	41	1	9	31
Berries and small fruits.....total acres...	11,718	1,089	389	28	222	9,724
Irrigated 1 time.....acres...	34	4	5	20	2	1
Irrigated 2 times.....acres...	81	...	15	6	7	15
Irrigated 3 times.....acres...	27	...	...	...	14	2
Irrigated 4 times.....acres...	36	2	4	...	4	5
Irrigated 5 or more times.....acres...	60	16	26	1	...	10
Times irrigated not reported.....acres...	11,480	1,067	339	1	195	9,691

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State	Barnstable	Bristol	Hampden	Middlesex	Plymouth
MASSACHUSETTS—Continued						
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED—Continued						
Tree fruits, nuts, and grapes.....total acres...	35	5	...	...	8	...
Irrigated 1 time.....acres...	13	5	...	...	...	...
Irrigated 2 times.....acres...	14	...	...	...	...	...
Irrigated 3 times.....acres...	...	...	...	...	...	...
Irrigated 4 times.....acres...	1	...	...	...	1	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...
Times irrigated not reported.....acres...	7	...	...	...	7	...
Other crops.....total acres...	610	51	70	13	249	71
Irrigated 1 time.....acres...	31	...	3	...	7	...
Irrigated 2 times.....acres...	231	27	10	...	186	...
Irrigated 3 times.....acres...	76	...	...	10	1	59
Irrigated 4 times.....acres...	57	...	10	...	5	2
Irrigated 5 or more times.....acres...	123	11	...	1	37	10
Times irrigated not reported.....acres...	92	13	47	2	13	...
MAJOR INDIVIDUAL CROPS IRRIGATED						
Irish potatoes.....farms reporting...	45	4	7	2	12	5
acres...	336	8	25	100	22	6
Tobacco.....farms reporting...	14	...	1	3	...	...
acres...	1,158	...	2	772	...	...
Cabbage.....farms reporting...	51	...	16	5	9	2
acres...	295	...	67	36	98	4
Corn, sweet.....farms reporting...	116	8	18	8	29	12
acres...	982	101	140	92	280	80
Cranberries.....farms reporting...	643	148	28	...	2	458
acres...	11,472	1,067	337	...	195	9,690
Nursery, greenhouse, and flower crops...farms reporting...	72	11	5	4	18	10
acres...	555	46	57	13	236	71

Item (For definitions and explanations, see text)	The State
RHODE ISLAND	
Farms reporting irrigation.....number...	26
Land irrigated.....acres...	305
ACRES IRRIGATED BY SOURCE OF WATER	
Wells.....farms reporting...	2
acres...	2
Natural streams and rivers.....farms reporting...	8
acres...	81
Springs and seepage.....farms reporting...	12
acres...	111
Farm runoff.....farms reporting...	...
acres...	...
Natural lakes and ponds.....farms reporting...	1
acres...	25
Drainage ditches.....farms reporting...	...
acres...	...
Municipal water supply systems.....farms reporting...	6
acres...	66
Irrigation or drainage organizations....farms reporting...	...
acres...	...
Other sources.....farms reporting...	1
acres...	20
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED	
Hay and seed crops.....total acres...	1
Irrigated 1 time.....acres...	...
Irrigated 2 times.....acres...	...
Irrigated 3 times.....acres...	...
Irrigated 4 times.....acres...	...
Irrigated 5 or more times.....acres...	...
Times irrigated not reported.....acres...	1

Item (For definitions and explanations, see text)	The State
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED—Continued	
Field crops other than hay and seed crops...total acres...	1
Irrigated 1 time.....acres...	...
Irrigated 2 times.....acres...	...
Irrigated 3 times.....acres...	...
Irrigated 4 times.....acres...	...
Irrigated 5 or more times.....acres...	...
Times irrigated not reported.....acres...	1
Vegetables.....total acres...	237
Irrigated 1 time.....acres...	34
Irrigated 2 times.....acres...	94
Irrigated 3 times.....acres...	51
Irrigated 4 times.....acres...	11
Irrigated 5 or more times.....acres...	39
Times irrigated not reported.....acres...	8
Berries and small fruits.....total acres...	...
Irrigated 1 time.....acres...	...
Irrigated 2 times.....acres...	...
Irrigated 3 times.....acres...	...
Irrigated 4 times.....acres...	...
Irrigated 5 or more times.....acres...	...
Times irrigated not reported.....acres...	...
Tree fruits, nuts, and grapes.....total acres...	...
Irrigated 1 time.....acres...	...
Irrigated 2 times.....acres...	...
Irrigated 3 times.....acres...	...
Irrigated 4 times.....acres...	...
Irrigated 5 or more times.....acres...	...
Times irrigated not reported.....acres...	...
Other crops.....total acres...	60
Irrigated 1 time.....acres...	...
Irrigated 2 times.....acres...	1
Irrigated 3 times.....acres...	24
Irrigated 4 times.....acres...	5
Irrigated 5 or more times.....acres...	21
Times irrigated not reported.....acres...	9

County Table 1.—FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960—Continued

Item (For definitions and explanations, see text)	The State	Hartford
CONNECTICUT		
Farms reporting irrigation.....number...	173	79
Land irrigated.....acres...	4,393	2,679
ACRES IRRIGATED BY SOURCE OF WATER		
Wells.....farms reporting...	24	8
acres...	218	63
Natural streams and rivers.....farms reporting...	91	49
acres...	2,516	1,773
Springs and seepage.....farms reporting...	58	20
acres...	979	400
Farm runoff.....farms reporting...	16	5
acres...	124	62
Natural lakes and ponds.....farms reporting...	13	6
acres...	325	173
Drainage ditches.....farms reporting...	1	...
acres...	7	...
Municipal water supply systems.....farms reporting...	18	13
acres...	224	208
Irrigation or drainage organizations....farms reporting...	...	...
acres...	...	...
Other sources.....farms reporting...	...	...
acres...	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED		
Hay and seed crops.....total acres...	158	67
Irrigated 1 time.....acres...	40	1
Irrigated 2 times.....acres...	...	...
Irrigated 3 times.....acres...	48	...
Irrigated 4 times.....acres...	3	...
Irrigated 5 or more times.....acres...	66	66
Times irrigated not reported.....acres...	1	...
Field crops other than hay and seed crops...total acres...	1,907	1,457
Irrigated 1 time.....acres...	445	359
Irrigated 2 times.....acres...	1,449	1,098
Irrigated 3 times.....acres...	12	...
Irrigated 4 times.....acres...	...	...
Irrigated 5 or more times.....acres...	...	...
Times irrigated not reported.....acres...	1	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED—Continued		
Vegetables.....total acres...	1,653	795
Irrigated 1 time.....acres...	360	189
Irrigated 2 times.....acres...	621	326
Irrigated 3 times.....acres...	405	194
Irrigated 4 times.....acres...	142	66
Irrigated 5 or more times.....acres...	111	10
Times irrigated not reported.....acres...	14	10
Berries and small fruits.....total acres...	56	25
Irrigated 1 time.....acres...	9	2
Irrigated 2 times.....acres...	20	11
Irrigated 3 times.....acres...	3	...
Irrigated 4 times.....acres...	16	12
Irrigated 5 or more times.....acres...	5	...
Times irrigated not reported.....acres...	3	...
Tree fruits, nuts, and grapes.....total acres...	10	...
Irrigated 1 time.....acres...	10	...
Irrigated 2 times.....acres...	...	...
Irrigated 3 times.....acres...	...	...
Irrigated 4 times.....acres...	...	...
Irrigated 5 or more times.....acres...	...	...
Times irrigated not reported.....acres...	...	...
Other crops.....total acres...	688	336
Irrigated 1 time.....acres...	71	1
Irrigated 2 times.....acres...	52	50
Irrigated 3 times.....acres...	179	12
Irrigated 4 times.....acres...	164	152
Irrigated 5 or more times.....acres...	116	59
Times irrigated not reported.....acres...	106	62
MAJOR INDIVIDUAL CROPS IRRIGATED		
Irish potatoes.....farms reporting...	21	10
acres...	668	290
Tobacco.....farms reporting...	26	25
acres...	1,196	1,153
Carrots.....farms reporting...	6	5
acres...	184	174
Corn, sweet.....farms reporting...	28	13
acres...	249	141
Tomatoes.....farms reporting...	37	12
acres...	164	38
Nursery, greenhouse, and flower crops...farms reporting...	44	15
acres...	603	321

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State	Chautauqua	Erie	Genesee	Monroe	Nassau	Orange	Orleans	Suffolk
NEW YORK									
Farms reporting irrigation.....number...	1,217	39	122	20	77	65	25	34	534
Land irrigated.....acres...	50,541	787	3,695	768	2,670	1,266	595	1,908	32,189
ACRES IRRIGATED BY SOURCE OF WATER									
Wells.....farms reporting...	596	3	28	3	11	31	7	3	456
acres...	31,326	17	636	18	131	741	106	114	28,939
Natural streams and rivers.....farms reporting...	286	8	58	8	31	...	13	17	19
acres...	8,577	264	1,342	409	1,189	...	331	970	496
Springs and seepage.....farms reporting...	194	23	46	7	12	...	5	2	27
acres...	4,450	348	1,211	180	211	...	34	90	1,194
Farm runoff.....farms reporting...	84	4	18	1	7	...	1	1	3
acres...	1,089	70	178	2	255	...	6	20	95
Natural lakes and ponds.....farms reporting...	71	2	13	...	2	...	3	2	27
acres...	1,883	31	238	...	132	...	57	66	942
Drainage ditches.....farms reporting...	37	4	6	6	2	...	5	1	...
acres...	420	35	73	159	3	...	48	10	...
Municipal water supply systems.....farms reporting...	137	4	5	...	21	36	2	...	40
acres...	1,371	22	14	...	105	525	13	...	422
Irrigation or drainage organizations.....farms reporting...	...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...	...
Other sources.....farms reporting...	24	...	1	...	7	...	...	11	2
acres...	1,425	...	3	...	644	...	...	638	101
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED									
Hay and seed crops.....total acres...	291	...	37	20	22	...	...	...	69
Irrigated 1 time.....acres...	80	...	27	...	22	...	...	...	7
Irrigated 2 times.....acres...	165	...	10	...	...	...	...	...	48
Irrigated 3 times.....acres...	35	...	...	20	...	...	...	...	4
Irrigated 4 times.....acres...	2	...	...	...	...	...	...	...	2
Irrigated 5 or more times.....acres...	7	...	...	...	...	...	...	...	6
Times irrigated not reported.....acres...	2	...	...	...	...	...	...	...	2
Field crops other than hay and seed crops....total acres...	27,666	64	149	38	248	583	19	209	24,884
Irrigated 1 time.....acres...	7,718	...	34	...	88	75	10	59	6,640
Irrigated 2 times.....acres...	13,134	2	30	8	...	163	9	150	12,479
Irrigated 3 times.....acres...	5,304	47	42	12	84	225	...	...	4,784
Irrigated 4 times.....acres...	815	3	...	2	76	120	...	...	529
Irrigated 5 or more times.....acres...	629	12	1	2	...	...	...	...	446
Times irrigated not reported.....acres...	66	...	42	14	...	...	...	...	6
Vegetables.....total acres...	18,402	547	2,844	709	2,195	423	575	1,476	5,670
Irrigated 1 time.....acres...	4,195	85	545	162	578	68	156	445	852
Irrigated 2 times.....acres...	5,093	43	696	88	605	140	162	604	1,560
Irrigated 3 times.....acres...	5,525	315	944	254	651	166	69	281	1,910
Irrigated 4 times.....acres...	1,873	38	273	174	259	26	139	21	766
Irrigated 5 or more times.....acres...	1,098	53	235	19	23	16	22	125	334
Times irrigated not reported.....acres...	618	13	151	12	79	7	27	...	248
Berries and small fruits.....total acres...	1,357	117	420	6	84	19	2	2	416
Irrigated 1 time.....acres...	118	...	37	...	10	...	...	1	31
Irrigated 2 times.....acres...	294	22	92	...	2	...	...	...	102
Irrigated 3 times.....acres...	569	69	158	2	64	17	2	...	157
Irrigated 4 times.....acres...	185	6	63	...	8	...	...	1	60
Irrigated 5 or more times.....acres...	140	20	54	4	...	1	...	...	39
Times irrigated not reported.....acres...	51	...	16	...	...	1	...	...	27
Tree fruits, nuts, and grapes.....total acres...	245	27	1	...	31	...	...	48	44
Irrigated 1 time.....acres...	164	2	...	...	31	...	...	40	40
Irrigated 2 times.....acres...	34	...	...	...	...	...	...	8	...
Irrigated 3 times.....acres...	26	22	...	...	...	...	...	...	4
Irrigated 4 times.....acres...	19	3	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	2	...	1	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...
Other crops.....total acres...	2,820	25	255	5	94	263	12	174	1,332
Irrigated 1 time.....acres...	492	...	90	...	56	85	...	160	49
Irrigated 2 times.....acres...	334	...	124	3	1	1	...	13	142
Irrigated 3 times.....acres...	224	1	5	...	...	6	...	...	130
Irrigated 4 times.....acres...	249	...	...	...	1	36	...	...	111
Irrigated 5 or more times.....acres...	1,166	18	16	2	9	73	12	...	734
Times irrigated not reported.....acres...	355	6	20	...	27	62	...	1	166
MAJOR INDIVIDUAL CROPS IRRIGATED									
Irish potatoes.....farms reporting...	460	5	10	2	10	6	2	2	374
acres...	26,593	62	32	4	212	483	16	54	24,856
Beans, snap.....farms reporting...	155	5	42	1	14	5	1	9	53
acres...	2,145	197	693	100	381	31	1	248	214
Cauliflower.....farms reporting...	276	1	34	...	17	1	...	10	198
acres...	2,783	35	334	...	129	3	...	91	2,061
Corn, sweet.....farms reporting...	164	8	35	...	11	6	1	3	45
acres...	2,102	17	326	...	214	91	2	8	428
Tomatoes.....farms reporting...	256	21	58	4	35	9	1	20	44
acres...	2,474	270	419	86	589	28	1	531	125
Nursery, greenhouse, and flower crops....farms reporting...	237	9	20	2	9	49	1	1	91
acres...	1,624	25	243	5	38	263	12	1	613

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State	Atlantic	Burlington	Camden	Cape May	Cumberland	Gloucester	Mercer	Middlesex	Monmouth	Salem
NEW JERSEY											
Farms reporting irrigation.....number...	1,632	259	183	48	36	322	188	61	93	132	94
Land irrigated.....acres...	69,301	8,611	10,663	1,707	919	19,123	5,662	3,800	5,490	4,877	4,714
ACRES IRRIGATED BY SOURCE OF WATER											
Wells.....farms reporting...	750	204	36	25	17	246	81	15	39	12	19
acres...	26,533	4,861	1,017	731	237	13,384	1,869	895	1,790	200	1,076
Natural streams and rivers.....farms reporting...	575	52	110	17	2	47	78	32	31	77	52
acres...	23,599	1,429	6,649	583	75	2,729	2,170	1,634	1,563	2,903	1,802
Springs and seepage.....farms reporting...	412	48	48	11	19	65	47	27	32	44	34
acres...	12,075	1,259	1,926	267	529	2,434	1,155	898	890	1,013	1,111
Farm runoff.....farms reporting...	78	7	9	6	1	6	6	8	8	13	8
acres...	1,590	94	411	31	20	83	88	160	124	284	190
Natural lakes and ponds.....farms reporting...	101	11	11	5	2	15	13	3	11	10	6
acres...	3,698	535	578	80	58	355	326	30	662	328	518
Drainage ditches.....farms reporting...	52	16	7	1	...	4	3	6	1	7	4
acres...	1,193	433	70	9	...	137	30	148	215	118	17
Municipal water supply systems.....farms reporting...	80	...	...	2	...	1	...	4	8	6	...
acres...	496	...	5	6	...	1	4	35	156	31	...
Irrigation or drainage organizations.....farms reporting...	...	...	...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...	...	...	...
Other sources.....farms reporting...	3	...	1	...	...	...	1	...	1	...	...
acres...	117	...	7	...	...	...	20	...	90	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED											
Hay and seed crops.....total acres...	443	1	144	3	...	66	41	...	...	60	118
Irrigated 1 time.....acres...	169	...	56	3	...	48	27	...	...	...	25
Irrigated 2 times.....acres...	125	...	8	...	...	15	14	...	...	15	73
Irrigated 3 times.....acres...	48	...	...	...	...	3	...	...	...	45	...
Irrigated 4 times.....acres...	20	...	...	...	...	...	...	...	...	...	20
Irrigated 5 or more times.....acres...	80	...	80	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	1	1	...	...	...	...	...	...	...	...	...
Field crops other than hay and seed crops....total acres...	15,124	1,707	1,009	208	81	1,287	509	3,271	3,702	2,497	848
Irrigated 1 time.....acres...	2,025	580	83	101	...	65	203	220	291	395	86
Irrigated 2 times.....acres...	3,943	680	437	56	59	211	99	588	1,114	502	197
Irrigated 3 times.....acres...	6,246	233	146	1	5	610	195	1,900	1,961	829	362
Irrigated 4 times.....acres...	1,929	106	254	...	13	356	12	428	302	255	203
Irrigated 5 or more times.....acres...	942	107	89	50	...	45	...	135	34	482	...
Times irrigated not reported.....acres...	39	1	...	...	4	...	...	...	...	34	...
Vegetables.....total acres...	41,385	3,474	5,780	990	758	17,259	3,622	341	1,309	1,983	3,544
Irrigated 1 time.....acres...	8,483	244	692	99	6	5,271	652	46	80	166	796
Irrigated 2 times.....acres...	14,153	685	2,138	348	234	6,590	1,181	150	273	623	1,423
Irrigated 3 times.....acres...	9,514	1,067	1,758	201	201	2,291	1,110	46	480	687	918
Irrigated 4 times.....acres...	4,764	679	776	194	258	1,673	261	69	206	175	182
Irrigated 5 or more times.....acres...	3,861	759	219	148	54	1,216	407	30	234	313	225
Times irrigated not reported.....acres...	610	40	197	...	5	218	11	...	36	19	...
Berries and small fruits.....total acres...	7,970	2,253	3,377	173	66	588	98	72	19	146	57
Irrigated 1 time.....acres...	453	166	40	7	...	146	11	30	...	21	25
Irrigated 2 times.....acres...	1,077	571	111	20	3	275	33	1	3	28	19
Irrigated 3 times.....acres...	651	276	82	30	3	120	40	2	10	48	13
Irrigated 4 times.....acres...	729	525	106	48	5	28	10	...	2	4	...
Irrigated 5 or more times.....acres...	660	497	41	59	5	14	3	4	2	33	...
Times irrigated not reported.....acres...	4,400	218	2,997	9	50	5	1	35	2	12	...
Tree fruits, nuts, and grapes.....total acres...	2,031	714	324	257	...	12	623	...	3	29	25
Irrigated 1 time.....acres...	1,243	482	271	110	...	...	331	...	3	...	2
Irrigated 2 times.....acres...	449	231	...	17	...	11	186	...	...	4	...
Irrigated 3 times.....acres...	259	...	1	130	...	...	85	...	...	20	23
Irrigated 4 times.....acres...	18	1	17	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	58	...	35	...	...	...	21	...	...	2	...
Times irrigated not reported.....acres...	4	...	...	...	...	1	...	...	...	3	...
Other crops.....total acres...	4,056	502	131	56	41	876	784	116	586	309	277
Irrigated 1 time.....acres...	181	1	...	...	...	42	69	8	6	9	14
Irrigated 2 times.....acres...	700	50	9	...	...	100	23	5	433	12	37
Irrigated 3 times.....acres...	344	20	19	...	1	...	130	31	10	22	72
Irrigated 4 times.....acres...	477	23	6	16	1	54	175	3	6	148	44
Irrigated 5 or more times.....acres...	1,455	215	60	40	14	540	206	64	42	34	110
Times irrigated not reported.....acres...	899	193	37	...	25	140	181	5	89	84	...
MAJOR INDIVIDUAL CROPS IRRIGATED											
Irish potatoes.....farms reporting...	270	39	29	5	11	38	8	39	45	43	13
acres...	12,530	348	888	67	34	975	90	3,239	3,672	2,468	749
Beans, snap.....farms reporting...	276	18	26	6	9	141	14	2	6	13	27
acres...	6,661	41	299	40	32	5,048	47	40	11	40	1,031
Corn, sweet.....farms reporting...	229	22	67	9	16	24	19	5	9	18	11
acres...	6,412	264	2,551	324	441	1,560	285	84	189	292	133
Tomatoes.....farms reporting...	547	106	55	21	19	96	98	9	20	41	47
acres...	7,413	1,171	1,087	356	65	1,489	1,295	80	66	478	1,240
Cranberries.....farms reporting...	91	9	51	1	1	...	...	1	...	3	...
acres...	4,366	205	2,997	9	50	...	...	35	...	6	...
Nursery, greenhouse, and flower crops....farms reporting...	306	38	24	8	8	45	28	11	22	33	6
acres...	3,649	472	120	56	40	765	700	111	581	224	226

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County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State	Bucks	Franklin	Lancaster
PENNSYLVANIA				
Farms reporting irrigation....number...	449	31	11	67
Land irrigated....acres...	7,570	610	302	655
ACRES IRRIGATED BY SOURCE OF WATER				
Wells....farms reporting...	102	10	2	22
acres...	699	95	3	65
Natural streams and rivers....farms reporting...	212	13	9	36
acres...	4,063	189	198	484
Springs and seepage....farms reporting...	132	10	...	11
acres...	1,596	293	...	77
Farm runoff....farms reporting...	43	4	2	...
acres...	619	13	101	...
Natural lakes and ponds....farms reporting...	22	2	...	6
acres...	241	8	...	29
Drainage ditches....farms reporting...	5	...	...	...
acres...	14	...	...	...
Municipal water supply systems....farms reporting...	40	2	...	...
acres...	286	12	...	...
Irrigation or drainage organizations....farms reporting...	...	...	...	...
acres...	...	...	...	...
Other sources....farms reporting...	2	...	...	...
acres...	52	...	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED				
Hay and seed crops....total acres...	547	2	36	45
Irrigated 1 time....acres...	49	...	2	23
Irrigated 2 times....acres...	85	...	34	...
Irrigated 3 times....acres...	54	2	...	22
Irrigated 4 times....acres...	20	...	...	...
Irrigated 5 or more times....acres...	335	...	...	...
Times irrigated not reported....acres...	4	...	...	...
Field crops other than hay and seed crops....total acres...	1,788	30	12	81
Irrigated 1 time....acres...	641	18	12	46
Irrigated 2 times....acres...	975	...	...	24
Irrigated 3 times....acres...	65	12	...	1
Irrigated 4 times....acres...	69	...	...	10
Irrigated 5 or more times....acres...	32	...	...	...
Times irrigated not reported....acres...	6	...	...	...
Vegetables....total acres...	3,033	487	25	331
Irrigated 1 time....acres...	634	75	20	39
Irrigated 2 times....acres...	915	268	5	58
Irrigated 3 times....acres...	622	69	...	30
Irrigated 4 times....acres...	344	8	...	83
Irrigated 5 or more times....acres...	288	12	...	94
Times irrigated not reported....acres...	230	55	...	27
Berries and small fruits....total acres...	207	19	2	24
Irrigated 1 time....acres...	24	4	1	3
Irrigated 2 times....acres...	58	8	...	...
Irrigated 3 times....acres...	56	7	...	4
Irrigated 4 times....acres...	44	...	...	10
Irrigated 5 or more times....acres...	14	...	1	7
Times irrigated not reported....acres...	11	...	...	...
Tree fruits, nuts, and grapes....total acres...	475	2	208	...
Irrigated 1 time....acres...	356	...	200	...
Irrigated 2 times....acres...	88	2	8	...
Irrigated 3 times....acres...	25	...	...	...
Irrigated 4 times....acres...	...	...	...	...
Irrigated 5 or more times....acres...	...	...	...	...
Times irrigated not reported....acres...	6	...	...	...
Other crops....total acres...	1,542	113	17	171
Irrigated 1 time....acres...	108	...	15	6
Irrigated 2 times....acres...	315	17	2	60
Irrigated 3 times....acres...	100	...	...	2
Irrigated 4 times....acres...	183	10	...	61
Irrigated 5 or more times....acres...	536	41	...	10
Times irrigated not reported....acres...	300	45	...	32
MAJOR INDIVIDUAL CROPS IRRIGATED				
All hay cut....farms reporting...	21	...	4	4
acres...	545	...	36	45
Irish potatoes....farms reporting...	86	4	1	8
acres...	1,617	30	12	41
Pasture....farms reporting...	35	1	2	5
acres...	772	20	15	127
Corn, sweet....farms reporting...	78	3	...	11
acres...	751	23	...	30
Tomatoes....farms reporting...	94	6	2	15
acres...	614	36	24	27
Nursery, greenhouse, and flower crops....farms reporting...	132	12	1	11
acres...	747	70	2	44

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State	Lake	Stark
OHIO			
Farms reporting irrigation.....number...	450	47	18
Land irrigated.....acres...	9,153	642	430
ACRES IRRIGATED BY SOURCE OF WATER			
Wells.....farms reporting...	178	24	13
acres...	3,170	127	231
Natural streams and rivers.....farms reporting...	125	16	4
acres...	3,555	335	123
Springs and seepage.....farms reporting...	79	10	...
acres...	1,231	116	...
Farm runoff.....farms reporting...	57	4	...
acres...	469	4	...
Natural lakes and ponds.....farms reporting...	22	4	1
acres...	198	43	8
Drainage ditches.....farms reporting...	17	3	4
acres...	304	16	68
Municipal water supply systems.....farms reporting...	72	1	...
acres...	222	1	...
Irrigation or drainage organizations....farms reporting...	...	...	...
acres...	...	...	...
Other sources.....farms reporting...	3	...	...
acres...	4	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED			
Hay and seed crops.....total acres...	265	4	...
Irrigated 1 time.....acres...	155	...	...
Irrigated 2 times.....acres...	51	...	...
Irrigated 3 times.....acres...	43	...	...
Irrigated 4 times.....acres...	...	...	...
Irrigated 5 or more times.....acres...	12	...	...
Times irrigated not reported.....acres...	4	4	...
Field crops other than hay and seed crops...total acres...	2,233	8	27
Irrigated 1 time.....acres...	575	...	5
Irrigated 2 times.....acres...	953	3	22
Irrigated 3 times.....acres...	530	4	...
Irrigated 4 times.....acres...	147	...	...
Irrigated 5 or more times.....acres...	21	...	...
Times irrigated not reported.....acres...	7	1	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED—Continued			
Vegetables.....total acres...	4,348	43	431
Irrigated 1 time.....acres...	817	...	75
Irrigated 2 times.....acres...	1,122	8	119
Irrigated 3 times.....acres...	1,123	19	122
Irrigated 4 times.....acres...	306	...	6
Irrigated 5 or more times.....acres...	224	10	2
Times irrigated not reported.....acres...	756	6	107
Berries and small fruits.....total acres...	333	12	2
Irrigated 1 time.....acres...	37	...	...
Irrigated 2 times.....acres...	55	...	2
Irrigated 3 times.....acres...	136	11	...
Irrigated 4 times.....acres...	35	...	...
Irrigated 5 or more times.....acres...	55	...	...
Times irrigated not reported.....acres...	15	1	...
Tree fruits, nuts, and grapes.....total acres...	385	23	...
Irrigated 1 time.....acres...	190	23	...
Irrigated 2 times.....acres...	42	...	...
Irrigated 3 times.....acres...	151	...	...
Irrigated 4 times.....acres...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...
Times irrigated not reported.....acres...	2	...	...
Other crops.....total acres...	1,694	548	3
Irrigated 1 time.....acres...	32	...	...
Irrigated 2 times.....acres...	131	...	...
Irrigated 3 times.....acres...	360	320	...
Irrigated 4 times.....acres...	34	9	...
Irrigated 5 or more times.....acres...	693	187	3
Times irrigated not reported.....acres...	444	32	...
MAJOR INDIVIDUAL CROPS IRRIGATED			
Corn for all purposes.....farms reporting...	18	...	...
acres...	400	...	...
Irish potatoes.....farms reporting...	59	4	2
acres...	1,608	8	27
Cabbage.....farms reporting...	46	...	1
acres...	299	...	1
Corn, sweet.....farms reporting...	59	3	2
acres...	1,446	18	17
Strawberries.....farms reporting...	53	4	1
acres...	310	10	2
Nursery, greenhouse, and flower crops...farms reporting...	184	38	1
acres...	1,503	528	3

Item (For definitions and explanations, see text)	The State	Jasper	Starke
INDIANA			
Farms reporting irrigation.....number...	330	21	16
Land irrigated.....acres...	13,429	3,463	799
ACRES IRRIGATED BY SOURCE OF WATER			
Wells.....farms reporting...	155	12	6
acres...	5,539	2,043	75
Natural streams and rivers.....farms reporting...	85	4	2
acres...	3,196	209	150
Springs and seepage.....farms reporting...	36	1	1
acres...	509	20	50
Farm runoff.....farms reporting...	30	1	1
acres...	475	7	80
Natural lakes and ponds.....farms reporting...	20	1	...
acres...	834	20	...
Drainage ditches.....farms reporting...	42	11	8
acres...	2,660	1,164	444
Municipal water supply systems.....farms reporting...	8	...	...
acres...	10	...	...
Irrigation or drainage organizations....farms reporting...	...	...	...
acres...	...	...	...
Other sources.....farms reporting...	2	...	...
acres...	206	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED			
Hay and seed crops.....total acres...	535	...	194
Irrigated 1 time.....acres...	117	...	79
Irrigated 2 times.....acres...	138	...	15
Irrigated 3 times.....acres...	128	...	100
Irrigated 4 times.....acres...	...	...	...
Irrigated 5 or more times.....acres...	150	...	...
Times irrigated not reported.....acres...	2	...	...
Field crops other than hay and seed crops...total acres...	9,291	3,027	550
Irrigated 1 time.....acres...	2,650	318	163
Irrigated 2 times.....acres...	3,174	1,069	216
Irrigated 3 times.....acres...	1,195	...	1
Irrigated 4 times.....acres...	1,271	830	70
Irrigated 5 or more times.....acres...	977	800	100
Times irrigated not reported.....acres...	24	10	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED—Continued			
Vegetables.....total acres...	2,461	357	6
Irrigated 1 time.....acres...	182	1	1
Irrigated 2 times.....acres...	839	22	2
Irrigated 3 times.....acres...	629	1	3
Irrigated 4 times.....acres...	450	290	...
Irrigated 5 or more times.....acres...	218	8	...
Times irrigated not reported.....acres...	143	35	...
Berries and small fruits.....total acres...	325	40	6
Irrigated 1 time.....acres...	17	...	4
Irrigated 2 times.....acres...	53	20	...
Irrigated 3 times.....acres...	133	8	2
Irrigated 4 times.....acres...	39	...	...
Irrigated 5 or more times.....acres...	71	5	...
Times irrigated not reported.....acres...	12	7	...
Tree fruits, nuts, and grapes.....total acres...	213	...	...
Irrigated 1 time.....acres...	210	...	...
Irrigated 2 times.....acres...	...	...	...
Irrigated 3 times.....acres...	...	...	...
Irrigated 4 times.....acres...	3	...	...
Irrigated 5 or more times.....acres...	...	...	...
Times irrigated not reported.....acres...	...	...	...
Other crops.....total acres...	631	35	32
Irrigated 1 time.....acres...	171	...	31
Irrigated 2 times.....acres...	68	...	...
Irrigated 3 times.....acres...	47	...	...
Irrigated 4 times.....acres...	19	15	...
Irrigated 5 or more times.....acres...	242	...	1
Times irrigated not reported.....acres...	84	20	...
MAJOR INDIVIDUAL CROPS IRRIGATED			
Corn for all purposes.....farms reporting...	95	11	7
acres...	5,707	1,109	336
All hay cut.....farms reporting...	15	...	4
acres...	535	...	194
Irish potatoes.....farms reporting...	29	4	3
acres...	1,631	832	101
Mint for oil.....farms reporting...	9	1	3
acres...	1,241	900	113
Onions.....farms reporting...	20	1	...
acres...	374	290	...
Tomatoes.....farms reporting...	60	3	...
acres...	394	6	...

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State
ILLINOIS	
Farms reporting irrigation.....number...	199
Land irrigated.....acres...	6,923
ACRES IRRIGATED BY SOURCE OF WATER	
Wells.....farms reporting...	109
acres...	3,688
Natural streams and rivers.....farms reporting...	35
acres...	1,147
Springs and seepage.....farms reporting...	16
acres...	765
Farm runoff.....farms reporting...	31
acres...	739
Natural lakes and ponds.....farms reporting...	7
acres...	70
Drainage ditches.....farms reporting...	15
acres...	455
Municipal water supply systems.....farms reporting...	15
acres...	59
Irrigation or drainage organizations.....farms reporting...	...
acres...	...
Other sources.....farms reporting...	...
acres...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED	
Hay and seed crops.....total acres...	390
Irrigated 1 time.....acres...	121
Irrigated 2 times.....acres...	164
Irrigated 3 times.....acres...	75
Irrigated 4 times.....acres...	...
Irrigated 5 or more times.....acres...	...
Times irrigated not reported.....acres...	30

Item (For definitions and explanations, see text)	The State
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED—Continued	
Field crops other than hay and seed crops....total acres...	2,898
Irrigated 1 time.....acres...	1,077
Irrigated 2 times.....acres...	1,257
Irrigated 3 times.....acres...	557
Irrigated 4 times.....acres...	4
Irrigated 5 or more times.....acres...	3
Times irrigated not reported.....acres...	...
Vegetables.....total acres...	1,620
Irrigated 1 time.....acres...	298
Irrigated 2 times.....acres...	550
Irrigated 3 times.....acres...	468
Irrigated 4 times.....acres...	90
Irrigated 5 or more times.....acres...	110
Times irrigated not reported.....acres...	104
Berries and small fruits.....total acres...	167
Irrigated 1 time.....acres...	50
Irrigated 2 times.....acres...	75
Irrigated 3 times.....acres...	14
Irrigated 4 times.....acres...	1
Irrigated 5 or more times.....acres...	18
Times irrigated not reported.....acres...	9
Tree fruits, nuts, and grapes.....total acres...	122
Irrigated 1 time.....acres...	112
Irrigated 2 times.....acres...	9
Irrigated 3 times.....acres...	...
Irrigated 4 times.....acres...	...
Irrigated 5 or more times.....acres...	...
Times irrigated not reported.....acres...	1
Other crops.....total acres...	1,857
Irrigated 1 time.....acres...	20
Irrigated 2 times.....acres...	73
Irrigated 3 times.....acres...	884
Irrigated 4 times.....acres...	226
Irrigated 5 or more times.....acres...	529
Times irrigated not reported.....acres...	125

Item (For definitions and explanations, see text)	The State	Allegan	Berrien	Kent	Macomb	Manistee	Monroe	Montcalm	Ottawa	St. Joseph	Van Buren
MICHIGAN											
Farms reporting irrigation.....number...	1,417	67	307	97	58	55	21	66	112	19	124
Land irrigated.....acres...	31,418	1,196	5,879	1,463	943	943	1,118	3,333	1,500	1,046	3,754
ACRES IRRIGATED BY SOURCE OF WATER											
Wells.....farms reporting...	483	25	75	63	5	13	17	28	62	5	52
acres...	10,430	268	1,514	953	17	123	829	1,881	620	137	1,684
Natural streams and rivers.....farms reporting...	444	28	105	22	29	17	4	21	14	7	26
acres...	9,695	616	1,941	256	597	326	249	899	220	356	481
Springs and seepage.....farms reporting...	385	19	116	13	18	28	...	9	27	6	47
acres...	5,475	204	1,312	163	209	382	...	207	402	417	851
Farm runoff.....farms reporting...	167	10	67	2	4	11	...	1	8	...	18
acres...	1,641	45	587	13	44	89	...	2	82	...	348
Natural lakes and ponds.....farms reporting...	141	2	23	6	1	5	...	13	10	3	22
acres...	2,104	32	333	44	26	19	...	215	109	133	338
Drainage ditches.....farms reporting...	97	5	24	5	4	1	2	3	6	1	5
acres...	1,744	31	187	27	40	4	40	127	43	3	23
Municipal water supply systems.....farms reporting...	33	...	1	5	...	...	...	1	2	...	...
acres...	251	...	3	7	...	...	...	2	24	...	...
Irrigation or drainage organizations.....farms reporting...	...	...	...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...	...	...	...
Other sources.....farms reporting...	9	...	1	...	2	...	...	...	...	...	2
acres...	78	...	2	...	10	...	...	...	...	...	29
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED											
Hay and seed crops.....total acres...	221	13	...	...	...	44	...	8	5	37	8
Irrigated 1 time.....acres...	90	2	...	...	...	...	...	5	...	...	...
Irrigated 2 times.....acres...	71	11	...	...	...	...	...	...	...	37	...
Irrigated 3 times.....acres...	44	...	...	...	...	44	...	...	...	...	...
Irrigated 4 times.....acres...	5	...	...	...	...	...	...	...	5	...	...
Irrigated 5 or more times.....acres...	11	...	...	...	...	...	...	3	...	...	8
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...	...	...
Field crops other than hay and seed crops....total acres...	8,109	73	203	329	103	103	352	3,060	99	571	223
Irrigated 1 time.....acres...	1,213	15	71	41	5	16	...	347	...	145	32
Irrigated 2 times.....acres...	2,438	47	44	126	...	16	141	858	41	130	42
Irrigated 3 times.....acres...	2,378	2	13	139	75	12	1	894	45	256	20
Irrigated 4 times.....acres...	1,059	2	74	15	22	54	30	551	2	40	41
Irrigated 5 or more times.....acres...	937	7	...	8	...	5	180	399	11	...	84
Times irrigated not reported.....acres...	84	...	1	...	1	...	...	11	...	...	4
Vegetables.....total acres...	10,090	705	1,607	892	492	245	468	165	765	291	1,539
Irrigated 1 time.....acres...	2,101	193	289	68	42	16	264	...	133	10	195
Irrigated 2 times.....acres...	3,038	219	544	181	106	80	116	75	236	166	521
Irrigated 3 times.....acres...	2,881	216	496	281	160	25	49	63	191	106	526
Irrigated 4 times.....acres...	990	68	101	148	82	77	25	20	72	...	185
Irrigated 5 or more times.....acres...	856	8	152	185	28	37	7	5	123	3	111
Times irrigated not reported.....acres...	224	1	25	29	74	10	7	2	10	6	1
Berries and small fruits.....total acres...	7,095	216	2,806	43	16	508	17	94	325	29	1,678
Irrigated 1 time.....acres...	592	79	217	9	4	4	...	1	57	...	150
Irrigated 2 times.....acres...	1,296	40	499	4	6	38	16	16	74	5	226
Irrigated 3 times.....acres...	1,432	87	468	16	1	69	...	3	100	...	303
Irrigated 4 times.....acres...	1,100	...	540	3	3	179	...	21	5	...	136
Irrigated 5 or more times.....acres...	2,565	8	1,053	4	...	202	...	51	85	24	854
Times irrigated not reported.....acres...	110	2	29	7	2	16	1	2	4	...	7

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State	Allegan	Berrien	Kent	Macomb	Manistee	Monroe	Montcalm	Ottawa	St. Joseph	Van Buren
MICHIGAN—Continued											
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED—Continued											
Tree fruits, nuts, and grapes.....total acres...	1,772	81	677	97	44	...	30	...	6	13	113
Irrigated 1 time.....acres...	830	71	435	...	6	...	...	...	6	...	48
Irrigated 2 times.....acres...	815	10	186	97	36	...	30	...	...	9	65
Irrigated 3 times.....acres...	86	...	46	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	12	...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	10	...	5	...	...	...	...	...	...	2	...
Times irrigated not reported.....acres...	19	...	5	...	2	...	...	...	...	2	...
Other crops.....total acres...	4,029	121	570	121	277	43	246	24	284	103	192
Irrigated 1 time.....acres...	178	2	35	...	...	32	2	...	5	...	...
Irrigated 2 times.....acres...	503	4	249	33	63	4	...	...	28	...	17
Irrigated 3 times.....acres...	965	35	30	35	...	5	...	...	100	24	60
Irrigated 4 times.....acres...	236	3	...	2	...	1	2	20	18	25	3
Irrigated 5 or more times.....acres...	1,420	76	139	8	194	1	201	1	103	54	...
Times irrigated not reported.....acres...	727	1	117	43	20	...	41	3	30	...	112
MAJOR INDIVIDUAL CROPS IRRIGATED											
Irish potatoes.....farms reporting...	228	6	17	19	6	7	5	39	17	1	16
acres...	5,978	60	39	320	102	66	352	2,563	99	13	149
Cucumbers and pickles.....farms reporting...	149	18	28	3	2	10	2	7	6	5	22
acres...	1,947	181	114	6	5	135	4	129	47	253	307
Tomatoes.....farms reporting...	269	2	121	30	13	1	4	...	17	2	25
acres...	1,552	2	975	40	33	2	7	...	27	11	284
Strawberries.....farms reporting...	641	16	252	15	9	53	3	6	19	4	82
acres...	5,426	99	2,160	33	16	459	17	35	35	29	1,453
Blueberries.....farms reporting...	79	10	12	...	...	...	...	3	26	...	15
acres...	1,207	99	429	...	...	...	...	52	279	...	191
Nursery, greenhouse, and flower crops....farms reporting...	243	12	22	18	13	3	10	3	27	4	8
acres...	3,083	120	448	93	112	7	246	4	279	79	192

Item (For definitions and explanations, see text)	The State	Langlade	Marathon	Oneida	Portage	Waupaca	Waushara	Wood
WISCONSIN								
Farms reporting irrigation.....number...	479	21	22	14	58	22	42	54
Land irrigated.....acres...	28,239	2,523	1,030	1,313	8,165	1,178	5,202	1,866
ACRES IRRIGATED BY SOURCE OF WATER								
Wells.....farms reporting...	147	11	2	2	35	10	23	3
acres...	14,468	1,072	91	380	6,176	834	3,913	33
Natural streams and rivers.....farms reporting...	157	7	7	1	7	8	2	35
acres...	4,751	1,133	166	28	271	123	102	992
Springs and seepage.....farms reporting...	135	5	13	3	26	7	16	14
acres...	4,291	106	764	95	1,409	211	722	145
Farm runoff.....farms reporting...	51	1	2	2	5	...	...	9
acres...	744	80	19	45	50	...	...	132
Natural lakes and ponds.....farms reporting...	47	3	1	10	...	1	1	...
acres...	1,865	98	20	765	...	10	6	...
Drainage ditches.....farms reporting...	48	...	...	...	4	...	2	16
acres...	1,952	...	...	...	238	...	435	542
Municipal water supply systems.....farms reporting...	6	...	...	...	1	...	...	1
acres...	54	...	...	...	21	...	...	22
Irrigation or drainage organizations.....farms reporting...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...
Other sources.....farms reporting...	6	2	2	...	...	...	1	...
acres...	114	34	20	...	...	...	24	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED								
Hay and seed crops.....total acres...	163	20	...	...	...	11	4	2
Irrigated 1 time.....acres...	125	20	...	...	...	10	...	...
Irrigated 2 times.....acres...	35	...	...	...	...	...	4	...
Irrigated 3 times.....acres...	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	3	...	...	...	...	1	...	2
Field crops other than hay and seed crops....total acres...	14,107	2,493	1,188	1,092	5,477	720	1,134	4
Irrigated 1 time.....acres...	1,187	97	186	275	...	29	107	...
Irrigated 2 times.....acres...	1,828	1,105	106	137	62	20	67	...
Irrigated 3 times.....acres...	3,590	1,291	244	460	780	24	129	...
Irrigated 4 times.....acres...	1,439	...	357	...	759	156	36	...
Irrigated 5 or more times.....acres...	6,063	...	295	220	3,876	491	795	4
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...
Vegetables.....total acres...	8,644	1	3	...	2,435	418	4,041	40
Irrigated 1 time.....acres...	1,857	...	...	...	337	8	1,081	...
Irrigated 2 times.....acres...	2,339	...	...	...	224	221	1,679	2
Irrigated 3 times.....acres...	2,272	...	...	...	978	155	659	...
Irrigated 4 times.....acres...	834	...	2	...	132	24	261	1
Irrigated 5 or more times.....acres...	1,308	...	1	...	764	6	355	22
Times irrigated not reported.....acres...	34	1	...	...	...	4	6	15
Berries and small fruits.....total acres...	4,870	7	2	221	160	10	13	1,787
Irrigated 1 time.....acres...	60	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	64	...	...	...	4	...	...	...
Irrigated 3 times.....acres...	106	3	...	...	...	...	3	...
Irrigated 4 times.....acres...	90	...	...	...	1	...	1	1
Irrigated 5 or more times.....acres...	190	...	2	...	1	10	8	5
Times irrigated not reported.....acres...	4,360	4	...	221	154	...	1	1,781
Tree fruits, nuts, and grapes.....total acres...	30	...	...	...	...	...	...	...
Irrigated 1 time.....acres...	30	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	...	...	...	...	...	...	...	...
Irrigated 3 times.....acres...	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State	Langlade	Marathon	Oneida	Portage	Waupaca	Waushara	Wood
WISCONSIN—Continued								
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED—Continued								
Other crops.....total acres...	547	...	2	...	104	15	10	22
Irrigated 1 time.....acres...	16	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	109	...	...	...	4	...	10	...
Irrigated 3 times.....acres...	237	...	...	...	100	15	...	...
Irrigated 4 times.....acres...	31	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	61	...	1	...	...	...	...	2
Times irrigated not reported.....acres...	93	...	1	...	...	...	...	20
MAJOR INDIVIDUAL CROPS IRRIGATED								
Corn for all purposes.....farms reporting...	28	...	1	...	2	...	14	...
acres...	934	...	5	...	52	...	447	...
Irish potatoes.....farms reporting...	152	18	19	8	47	19	6	3
acres...	12,718	2,493	1,183	1,092	5,425	720	569	4
Beans, snap.....farms reporting...	50	...	...	...	14	4	20	...
acres...	4,932	...	...	...	1,911	234	2,072	...
Cucumbers and pickles.....farms reporting...	50	...	...	...	10	3	29	...
acres...	2,167	...	...	...	497	150	1,259	...
Strawberries.....farms reporting...	100	3	1	...	2	2	7	4
acres...	507	7	2	...	5	10	13	6
Cranberries.....farms reporting...	119	...	...	6	2	...	...	45
acres...	4,340	...	...	221	154	...	...	1,781

Item (For definitions and explanations, see text)	The State	Hennepin	Sherburne
MINNESOTA			
Farms reporting irrigation.....number...	335	135	17
Land irrigated.....acres...	12,266	4,778	1,364
ACRES IRRIGATED BY SOURCE OF WATER			
Wells.....farms reporting...	190	108	10
acres...	6,567	3,426	779
Natural streams and rivers.....farms reporting...	81	21	8
acres...	3,477	1,098	585
Springs and seepage.....farms reporting...	24	9	...
acres...	365	168	...
Farm runoff.....farms reporting...	13	4	...
acres...	207	13	...
Natural lakes and ponds.....farms reporting...	40	3	...
acres...	966	8	...
Drainage ditches.....farms reporting...	9	3	...
acres...	220	20	...
Municipal water supply systems.....farms reporting...	16	4	...
acres...	49	4	...
Irrigation or drainage organizations....farms reporting...	...	...	...
acres...	...	...	...
Other sources.....farms reporting...	5	2	...
acres...	415	41	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED			
Hay and seed crops.....total acres...	1,283	2	74
Irrigated 1 time.....acres...	526	1	24
Irrigated 2 times.....acres...	312	...	10
Irrigated 3 times.....acres...	153	1	25
Irrigated 4 times.....acres...	172	...	15
Irrigated 5 or more times.....acres...	120	...	...
Times irrigated not reported.....acres...	...	...	...
Field crops other than hay and seed crops...total acres...	7,722	3,364	1,204
Irrigated 1 time.....acres...	1,378	127	75
Irrigated 2 times.....acres...	1,079	417	20
Irrigated 3 times.....acres...	1,498	372	441
Irrigated 4 times.....acres...	1,907	1,486	223
Irrigated 5 or more times.....acres...	1,712	961	445
Times irrigated not reported.....acres...	148	1	...

Item (For definitions and explanations, see text)	The State	Hennepin	Sherburne
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED—Continued			
Vegetables.....total acres...	1,978	1,079	80
Irrigated 1 time.....acres...	468	105	...
Irrigated 2 times.....acres...	436	278	27
Irrigated 3 times.....acres...	600	462	34
Irrigated 4 times.....acres...	238	170	5
Irrigated 5 or more times.....acres...	88	48	14
Times irrigated not reported.....acres...	148	16	...
Berries and small fruits.....total acres...	287	97	2
Irrigated 1 time.....acres...	45	17	...
Irrigated 2 times.....acres...	93	28	...
Irrigated 3 times.....acres...	35	16	...
Irrigated 4 times.....acres...	12	4	...
Irrigated 5 or more times.....acres...	80	23	2
Times irrigated not reported.....acres...	22	9	...
Tree fruits, nuts, and grapes.....total acres...	28	...	...
Irrigated 1 time.....acres...	17	...	...
Irrigated 2 times.....acres...	...	...	...
Irrigated 3 times.....acres...	7	...	...
Irrigated 4 times.....acres...	...	...	...
Irrigated 5 or more times.....acres...	1	...	...
Times irrigated not reported.....acres...	3	...	...
Other crops.....total acres...	1,122	201	...
Irrigated 1 time.....acres...	86	11	...
Irrigated 2 times.....acres...	164	...	...
Irrigated 3 times.....acres...	70	5	...
Irrigated 4 times.....acres...	122	17	...
Irrigated 5 or more times.....acres...	160	87	...
Times irrigated not reported.....acres...	520	81	...
MAJOR INDIVIDUAL CROPS IRRIGATED			
Corn for all purposes.....farms reporting...	54	7	6
acres...	2,317	365	358
All hay cut.....farms reporting...	38	2	5
acres...	1,283	2	74
Pasture.....farms reporting...	15	1	...
acres...	369	11	...
Irish potatoes.....farms reporting...	98	54	11
acres...	4,501	2,977	763
Corn, sweet.....farms reporting...	49	24	3
acres...	784	542	21
Nursery, greenhouse, and flower crops...farms reporting...	78	36	...
acres...	751	190	...

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State	Fremont	Harrison	Monona	Page	Pottawattamie
IOWA						
Farms reporting irrigation.....number...	218	8	17	17	8	11
Land irrigated.....acres...	13,765	1,340	2,154	2,258	1,148	940
ACRES IRRIGATED BY SOURCE OF WATER						
Wells.....farms reporting...	137	8	16	17	4	9
acres...	10,552	1,340	2,034	2,258	944	865
Natural streams and rivers.....farms reporting...	54	...	...	...	3	...
acres...	1,895	...	...	...	135	...
Springs and seepage.....farms reporting...	15	...	...	...	...	...
acres...	878	...	...	...	...	...
Farm runoff.....farms reporting...	7	...	...	...	1	...
acres...	137	...	...	...	29	...
Natural lakes and ponds.....farms reporting...	3	...	...	...	...	...
acres...	28	...	...	...	...	...
Drainage ditches.....farms reporting...	2	...	1	...	...	1
acres...	190	...	120	...	...	70
Municipal water supply systems.....farms reporting...	14	...	...	...	2	1
acres...	85	...	...	...	40	5
Irrigation or drainage organizations.....farms reporting...	...	...	...	...	...	...
acres...	...	...	...	...	...	...
Other sources.....farms reporting...	...	...	...	...	...	...
acres...	...	...	...	...	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED						
Hay and seed crops.....total acres...	182	...	...	...	...	...
Irrigated 1 time.....acres...	35	...	...	...	...	...
Irrigated 2 times.....acres...	102	...	...	...	...	...
Irrigated 3 times.....acres...	45	...	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...
Field crops other than hay and seed crops....total acres...	11,332	1,025	2,158	2,258	205	915
Irrigated 1 time.....acres...	7,856	600	1,217	2,246	165	915
Irrigated 2 times.....acres...	1,808	225	657	12	40	...
Irrigated 3 times.....acres...	888	200	200	...	...	...
Irrigated 4 times.....acres...	406	...	84	...	...	...
Irrigated 5 or more times.....acres...	364	...	...	...	...	...
Times irrigated not reported.....acres...	10	...	...	...	...	...
Vegetables.....total acres...	770	...	...	...	...	4
Irrigated 1 time.....acres...	56	...	...	...	...	4
Irrigated 2 times.....acres...	116	...	...	...	...	...
Irrigated 3 times.....acres...	153	...	...	...	...	...
Irrigated 4 times.....acres...	187	...	...	...	...	...
Irrigated 5 or more times.....acres...	236	...	...	...	...	...
Times irrigated not reported.....acres...	22	...	...	...	...	...
Berries and small fruits.....total acres...	59	...	...	...	...	...
Irrigated 1 time.....acres...	1	...	...	...	...	...
Irrigated 2 times.....acres...	...	...	...	...	...	...
Irrigated 3 times.....acres...	5	...	...	...	...	...
Irrigated 4 times.....acres...	16	...	...	...	...	...
Irrigated 5 or more times.....acres...	31	...	...	...	...	...
Times irrigated not reported.....acres...	6	...	...	...	...	...
Tree fruits, nuts, and grapes.....total acres...	...	...	...	...	...	...
Irrigated 1 time.....acres...	...	...	...	...	...	...
Irrigated 2 times.....acres...	...	...	...	...	...	...
Irrigated 3 times.....acres...	...	...	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...
Other crops.....total acres...	1,401	315	...	...	943	20
Irrigated 1 time.....acres...	...	...	...	...	...	...
Irrigated 2 times.....acres...	23	...	...	...	...	20
Irrigated 3 times.....acres...	15	...	...	...	...	...
Irrigated 4 times.....acres...	42	...	...	...	...	...
Irrigated 5 or more times.....acres...	1,310	315	...	...	943	...
Times irrigated not reported.....acres...	11	...	...	...	...	...
MAJOR INDIVIDUAL CROPS IRRIGATED						
Corn for all purposes.....farms reporting...	123	7	17	16	4	9
acres...	10,662	1,025	2,028	2,218	190	885
Soybeans.....farms reporting...	12	...	3	1	...	1
acres...	325	...	130	40	...	30
Sweetpotatoes.....farms reporting...	28	...	...	...	...	...
acres...	233	...	...	...	...	...
Cantaloups and muskmelons.....farms reporting...	29	...	...	...	...	...
acres...	186	...	...	...	...	...
Watermelons.....farms reporting...	32	...	...	...	...	...
acres...	304	...	...	...	...	...
Nursery, greenhouse, and flower crops....farms reporting...	25	2	...	...	4	1
acres...	1,366	315	...	...	943	20

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State	Butler	Dunklin	New Madrid	Pemiscot	Pike	Ray	St. Louis	Scott	Stoddard
MISSOURI										
Farms reporting irrigation.....number...	409	14	39	21	18	3	7	84	15	31
Land irrigated.....acres...	23,512	1,187	3,100	2,507	1,528	637	1,036	2,013	2,073	2,759
ACRES IRRIGATED BY SOURCE OF WATER										
Wells.....farms reporting...	218	13	36	20	17	3	6	12	15	29
acres...	17,631	1,120	2,407	2,343	1,488	288	1,026	865	2,073	2,485
Natural streams and rivers.....farms reporting...	79	1	1	1	1	1	...	10	...	1
acres...	3,101	67	6	65	40	27	...	696	...	200
Springs and seepage.....farms reporting...	19	...	1	...	...	1	...	2	...	...
acres...	416	...	1	...	...	206	...	6	...	...
Farm runoff.....farms reporting...	46	...	...	...	...	2	1	4	...	...
acres...	904	...	...	...	...	116	8	61	...	...
Natural lakes and ponds.....farms reporting...	18	...	...	...	...	...	...	10	...	1
acres...	187	...	...	...	...	...	...	54	...	34
Drainage ditches.....farms reporting...	11	...	3	3	...	...	1	2	...	1
acres...	894	...	686	99	...	...	2	30	...	40
Municipal water supply systems.....farms reporting...	69	...	...	...	...	...	...	55	...	...
acres...	342	...	...	...	...	...	...	264	...	...
Irrigation or drainage organizations.....farms reporting...	...	...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...	...	...
Other sources.....farms reporting...	2	...	...	...	...	...	...	2	...	...
acres...	37	...	...	...	...	...	...	37	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED										
Hay and seed crops.....total acres...	1,043	...	...	...	53	...	...	400	...	220
Irrigated 1 time.....acres...	255	...	...	...	...	...	...	...	...	120
Irrigated 2 times.....acres...	540	...	...	...	53	...	...	400	...	...
Irrigated 3 times.....acres...	165	...	...	...	...	...	...	...	...	100
Irrigated 4 times.....acres...	40	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	43	...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...	...
Field crops other than hay and seed crops....total acres...	16,344	1,189	2,998	2,153	1,385	70	1,026	260	1,617	2,445
Irrigated 1 time.....acres...	4,733	78	812	532	586	...	1,026	62	184	142
Irrigated 2 times.....acres...	5,662	...	1,724	892	422	70	...	190	340	801
Irrigated 3 times.....acres...	1,601	56	155	720	5	...	...	6	200	152
Irrigated 4 times.....acres...	444	48	172	...	...	...	...	2	...	88
Irrigated 5 or more times.....acres...	726	14	...	...	...	...	...	...	712	...
Times irrigated not reported.....acres...	3,178	993	135	9	372	...	...	...	181	1,262
Vegetables.....total acres...	2,449	...	1	70	72	...	10	1,379	391	29
Irrigated 1 time.....acres...	46	...	1	...	...	...	...	17	...	...
Irrigated 2 times.....acres...	651	...	...	70	...	...	...	147	346	...
Irrigated 3 times.....acres...	1,121	...	...	...	57	...	4	833	45	9
Irrigated 4 times.....acres...	224	...	...	...	15	...	6	121	...	20
Irrigated 5 or more times.....acres...	231	...	...	...	...	...	...	116	...	...
Times irrigated not reported.....acres...	176	...	...	...	...	...	...	145	...	...
Berries and small fruits.....total acres...	255	5	95	...	4	...	...	18	...	12
Irrigated 1 time.....acres...	3	...	...	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	48	5	20	...	...	...	...	1	...	...
Irrigated 3 times.....acres...	40	...	...	...	...	...	...	7	...	1
Irrigated 4 times.....acres...	27	...	...	...	4	...	...	10	...	6
Irrigated 5 or more times.....acres...	135	...	75	...	...	...	...	...	...	5
Times irrigated not reported.....acres...	2	...	...	...	...	...	...	...	...	...
Tree fruits, nuts, and grapes.....total acres...	1,158	...	...	...	...	54	...	...	...	8
Irrigated 1 time.....acres...	304	...	...	...	...	...	...	...	...	8
Irrigated 2 times.....acres...	352	...	...	...	...	54	...	...	...	...
Irrigated 3 times.....acres...	84	...	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	411	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	7	...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...	...
Other crops.....total acres...	2,458	...	...	284	13	512	...	68	65	157
Irrigated 1 time.....acres...	357	...	...	50	1	...	...	11	...	5
Irrigated 2 times.....acres...	370	...	...	52	...	...	...	...	55	...
Irrigated 3 times.....acres...	938	...	...	19	12	512	...	...	10	152
Irrigated 4 times.....acres...	3	...	...	...	...	...	...	1	...	...
Irrigated 5 or more times.....acres...	667	...	...	163	...	...	...	40	...	...
Times irrigated not reported.....acres...	123	...	...	...	...	...	...	16	...	...
MAJOR INDIVIDUAL CROPS IRRIGATED										
Corn for all purposes.....farms reporting...	109	1	14	12	4	...	6	2	9	15
acres...	7,286	40	779	1,098	43	...	1,026	210	1,079	490
Rice.....farms reporting...	34	9	1	1	2	...	...	...	3	14
acres...	3,172	993	135	9	372	...	...	...	181	1,262
Soybeans.....farms reporting...	40	4	9	4	5	1	...	...	3	8
acres...	1,995	92	834	102	210	70	...	...	100	424
All hay cut.....farms reporting...	24	...	...	...	1	...	...	1	...	2
acres...	1,043	...	...	...	53	...	...	400	...	220
Pasture.....farms reporting...	51	...	...	6	2	...	...	2	3	3
acres...	1,501	...	...	284	13	...	...	26	65	157
Cotton.....farms reporting...	74	4	23	12	16	...	...	...	4	13
acres...	3,313	64	1,202	822	754	...	...	...	192	249

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State	Kent	New Castle	Sussex
DELAWARE				
Farms reporting irrigation....number...	110	58	19	33
Land irrigated....acres...	9,705	6,195	1,160	2,350
ACRES IRRIGATED BY SOURCE OF WATER				
Wells....farms reporting...	35	18	5	12
acres...	2,899	1,793	273	833
Natural streams and rivers....farms reporting...	47	24	6	16
acres...	3,219	2,020	439	760
Springs and seepage....farms reporting...	37	22	8	7
acres...	1,815	1,283	178	354
Farm runoff....farms reporting...	8	3	2	3
acres...	157	128	20	9
Natural lakes and ponds....farms reporting...	16	9	2	5
acres...	1,533	899	250	384
Drainage ditches....farms reporting...	4	3	...	1
acres...	75	72	...	3
Municipal water supply systems....farms reporting...	1	...	...	1
acres...	7	...	...	7
Irrigation or drainage organizations....farms reporting...	...	...	...	...
acres...	...	...	...	...
Other sources....farms reporting...	...	...	...	...
acres...	...	...	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED				
Hay and seed crops....total acres...	66	66	...	...
Irrigated 1 time....acres...	2	2	...	...
Irrigated 2 times....acres...	64	64	...	...
Irrigated 3 times....acres...	...	...	...	...
Irrigated 4 times....acres...	...	...	...	...
Irrigated 5 or more times....acres...	...	...	...	...
Times irrigated not reported....acres...	...	...	...	...
Field crops other than hay and seed crops....total acres...	5,113	4,063	853	197
Irrigated 1 time....acres...	1,670	1,110	388	172
Irrigated 2 times....acres...	2,012	1,522	465	25
Irrigated 3 times....acres...	1,427	1,427	...	...
Irrigated 4 times....acres...	...	...	...	...
Irrigated 5 or more times....acres...	...	...	...	...
Times irrigated not reported....acres...	4	4	...	...
Vegetables....total acres...	4,178	2,253	247	1,678
Irrigated 1 time....acres...	1,814	911	41	862
Irrigated 2 times....acres...	1,701	1,125	99	477
Irrigated 3 times....acres...	298	64	40	194
Irrigated 4 times....acres...	269	110	65	94
Irrigated 5 or more times....acres...	51	...	...	51
Times irrigated not reported....acres...	45	43	2	...
Berries and small fruits....total acres...	145	11	8	126
Irrigated 1 time....acres...	7	7	...	...
Irrigated 2 times....acres...	15	4	6	5
Irrigated 3 times....acres...	2	...	2	...
Irrigated 4 times....acres...	4	...	...	4
Irrigated 5 or more times....acres...	67	...	...	67
Times irrigated not reported....acres...	50	...	...	50
Tree fruits, nuts, and grapes....total acres...	32	15	13	4
Irrigated 1 time....acres...	19	15	...	4
Irrigated 2 times....acres...	13	...	13	...
Irrigated 3 times....acres...	...	...	...	...
Irrigated 4 times....acres...	...	...	...	...
Irrigated 5 or more times....acres...	...	...	...	...
Times irrigated not reported....acres...	...	...	...	...
Other crops....total acres...	497	74	30	393
Irrigated 1 time....acres...	...	...	...	...
Irrigated 2 times....acres...	161	10	16	135
Irrigated 3 times....acres...	65	55	10	...
Irrigated 4 times....acres...	5	5	...	...
Irrigated 5 or more times....acres...	259	1	...	258
Times irrigated not reported....acres...	7	3	4	...
MAJOR INDIVIDUAL CROPS IRRIGATED				
Irish potatoes....farms reporting...	47	38	8	1
acres...	4,942	3,989	853	100
Beans, green lima....farms reporting...	7	4	...	3
acres...	349	230	...	119
Beans, snap....farms reporting...	9	4	...	5
acres...	848	333	...	515
Corn, sweet....farms reporting...	12	8	1	3
acres...	465	292	40	133
Peas, green....farms reporting...	13	7	1	5
acres...	1,055	520	25	510
Tomatoes....farms reporting...	23	14	4	5
acres...	435	291	81	63

Item (For definitions and explanations, see text)	The State	Caroline	Dorchester	Washington	Wicomico
MARYLAND					
Farms reporting irrigation....number...	223	14	17	10	48
Land irrigated....acres...	8,051	1,114	1,251	495	1,611
ACRES IRRIGATED BY SOURCE OF WATER					
Wells....farms reporting...	37	1	2	...	7
acres...	756	95	105	...	224
Natural streams and rivers....farms reporting...	99	8	8	6	24
acres...	3,501	541	789	107	771
Springs and seepage....farms reporting...	76	6	4	2	20
acres...	1,762	432	96	141	325
Farm runoff....farms reporting...	35	3	2	1	7
acres...	788	40	25	201	157
Natural lakes and ponds....farms reporting...	19	1	5	...	4
acres...	977	4	225	...	104
Drainage ditches....farms reporting...	9	1	1	...	1
acres...	97	2	11	...	9

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State	Caroline	Dorchester	Washington	Wicomico
MARYLAND—Continued					
ACRES IRRIGATED BY SOURCE OF WATER—Continued					
Municipal water supply systems.....farms reporting...	15	...	...	...	...
acres...	103	...	...	...	...
Irrigation or drainage organizations.....farms reporting...	...	...	...	...	...
acres...	...	...	...	...	...
Other sources.....farms reporting...	2	...	...	1	1
acres...	67	...	...	46	21
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED					
Hay and seed crops.....total acres...	127	...	...	40	9
Irrigated 1 time.....acres...	14	...	...	...	9
Irrigated 2 times.....acres...	2	...	...	...	...
Irrigated 3 times.....acres...	61	...	...	40	...
Irrigated 4 times.....acres...	25	...	...	...	...
Irrigated 5 or more times.....acres...	25	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...
Field crops other than hay and seed crops....total acres...	1,337	64	5	43	319
Irrigated 1 time.....acres...	510	64	...	...	195
Irrigated 2 times.....acres...	444	...	...	35	43
Irrigated 3 times.....acres...	301	...	5	7	61
Irrigated 4 times.....acres...	65	...	...	...	15
Irrigated 5 or more times.....acres...	10	...	...	...	...
Times irrigated not reported.....acres...	7	...	...	1	5
Vegetables.....total acres...	5,635	1,321	1,285	19	1,165
Irrigated 1 time.....acres...	1,325	285	332	10	138
Irrigated 2 times.....acres...	2,193	414	675	2	469
Irrigated 3 times.....acres...	1,472	585	269	...	300
Irrigated 4 times.....acres...	500	14	9	...	201
Irrigated 5 or more times.....acres...	113	22	...	2	39
Times irrigated not reported.....acres...	32	1	...	5	18
Berries and small fruits.....total acres...	219	...	...	...	156
Irrigated 1 time.....acres...	35	...	...	...	34
Irrigated 2 times.....acres...	34	...	...	...	21
Irrigated 3 times.....acres...	26	...	...	...	7
Irrigated 4 times.....acres...	...	...	...	...	...
Irrigated 5 or more times.....acres...	123	...	...	...	94
Times irrigated not reported.....acres...	1	...	...	...	...
Tree fruits, nuts, and grapes.....total acres...	363	...	...	331	...
Irrigated 1 time.....acres...	309	...	...	285	...
Irrigated 2 times.....acres...	54	...	...	46	...
Irrigated 3 times.....acres...	...	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...
Other crops.....total acres...	799	...	39	70	15
Irrigated 1 time.....acres...	135	...	39	5	10
Irrigated 2 times.....acres...	51	...	...	...	...
Irrigated 3 times.....acres...	77	...	...	...	5
Irrigated 4 times.....acres...	125	...	...	65	...
Irrigated 5 or more times.....acres...	322	...	...	...	...
Times irrigated not reported.....acres...	89	...	...	...	...
MAJOR INDIVIDUAL CROPS IRRIGATED					
Tobacco.....farms reporting...	31	...	...	...	...
acres...	418	...	...	...	...
Beans, snap.....farms reporting...	36	2	6	...	13
acres...	1,761	512	494	...	198
Corn, sweet.....farms reporting...	33	2	6	6	6
acres...	613	90	158	15	40
Cucumbers and pickles.....farms reporting...	61	7	8	...	41
acres...	685	115	107	...	401
Peas, green.....farms reporting...	12	4	5	...	1
acres...	615	250	230	...	5
Tomatoes.....farms reporting...	55	10	7	...	16
acres...	796	182	177	...	141

Item (For definitions and explanations, see text)	The State	Accomack	Brunswick	Lunenburg	Mecklenburg	Northampton	Pittsylvania	Princess Anne
VIRGINIA								
Farms reporting irrigation.....number...	1,554	33	131	120	191	40	299	6
Land irrigated.....acres...	26,519	3,176	1,246	1,106	1,898	4,650	3,140	260
ACRES IRRIGATED BY SOURCE OF WATER								
Wells.....farms reporting...	48	6	1	1	...	1	3	3
acres...	437	169	5	1	...	10	13	28
Natural streams and rivers.....farms reporting...	611	19	23	49	55	9	151	1
acres...	11,096	1,806	174	393	562	1,414	1,217	100
Springs and seepage.....farms reporting...	429	11	33	32	54	22	85	2
acres...	5,045	745	243	229	306	1,263	550	130
Farm runoff.....farms reporting...	606	8	96	33	90	11	83	1
acres...	6,856	204	738	225	719	1,103	1,067	2
Natural lakes and ponds.....farms reporting...	241	3	12	33	33	8	48	...
acres...	2,668	130	81	240	281	656	275	...
Drainage ditches.....farms reporting...	20	2	2	2	...	8	5	...
acres...	371	122	5	14	...	204	17	...
Municipal water supply systems.....farms reporting...	11	...	...	...	1	...	1	...
acres...	42	...	...	...	30	...	1	...
Irrigation or drainage organizations.....farms reporting...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...
Other sources.....farms reporting...	1	...	...	1	...	...	...	...
acres...	4	...	...	4	...	...	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED								
Hay and seed crops.....total acres...	1,489	18	34	33	60	...	102	100
Irrigated 1 time.....acres...	478	...	20	12	30	...	99	...
Irrigated 2 times.....acres...	288	18	14	15	7	...	3	...
Irrigated 3 times.....acres...	561	...	...	...	21	...	...	100
Irrigated 4 times.....acres...	138	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	18	...	...	...	2	...	...	...
Times irrigated not reported.....acres...	6	...	...	6	...	...	...	...

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State	Accomack	Brunswick	Lunenburg	Mecklenburg	Northampton	Pittsylvania	Princess Anne
VIRGINIA—Continued								
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED—Continued								
Field crops other than hay and seed crops....total acres...	14,509	1,638	1,096	1,008	1,545	958	2,915	30
Irrigated 1 time....acres...	2,311	838	99	16	85	192	149	...
Irrigated 2 times....acres...	4,225	235	468	295	335	451	667	30
Irrigated 3 times....acres...	5,049	361	291	466	601	90	1,585	...
Irrigated 4 times....acres...	1,666	120	202	133	352	100	310	...
Irrigated 5 or more times....acres...	760	84	17	78	134	...	76	...
Times irrigated not reported....acres...	498	...	19	20	38	125	128	...
Vegetables....total acres...	6,978	1,317	20	15	19	4,554	42	50
Irrigated 1 time....acres...	915	229	...	...	...	432	...	50
Irrigated 2 times....acres...	1,807	503	4	4	6	1,083	8	...
Irrigated 3 times....acres...	2,346	583	14	6	5	1,469	34	...
Irrigated 4 times....acres...	1,130	2	2	...	6	992	...	...
Irrigated 5 or more times....acres...	103	...	...	...	...	5	...	...
Times irrigated not reported....acres...	677	...	...	5	2	573	...	...
Berries and small fruits....total acres...	307	165	...	11	...	45	4	50
Irrigated 1 time....acres...	103	92	...	...	...	11	...	...
Irrigated 2 times....acres...	57	3	...	2	...	...	2	50
Irrigated 3 times....acres...	65	20	...	9	...	34	2	...
Irrigated 4 times....acres...	51	50	...	...	...	...	...	...
Irrigated 5 or more times....acres...	30	...	...	...	...	...	...	...
Times irrigated not reported....acres...	1	...	...	...	...	...	...	...
Tree fruits, nuts, and grapes....total acres...	1,217	...	...	...	1	...	...	...
Irrigated 1 time....acres...	103	...	...	...	1	...	...	...
Irrigated 2 times....acres...	770	...	...	...	...	...	...	...
Irrigated 3 times....acres...	62	...	...	...	...	...	...	...
Irrigated 4 times....acres...	...	...	...	...	...	...	...	...
Irrigated 5 or more times....acres...	278	...	...	...	...	...	...	...
Times irrigated not reported....acres...	4	...	...	...	...	...	...	...
Other crops....total acres...	3,021	183	97	38	250	10	75	30
Irrigated 1 time....acres...	742	70	50	18	70	...	14	...
Irrigated 2 times....acres...	547	15	45	...	95	...	...	...
Irrigated 3 times....acres...	554	2	...	2	13	...	...	...
Irrigated 4 times....acres...	260	63	2	10	...	...	...	...
Irrigated 5 or more times....acres...	539	33	...	...	72	10	...	25
Times irrigated not reported....acres...	379	...	...	8	...	...	61	5
MAJOR INDIVIDUAL CROPS IRRIGATED								
Corn for all purposes....farms reporting...	115	1	4	3	8	...	16	...
acres...	1,814	1	10	13	49	...	132	...
All hay cut....farms reporting...	78	2	3	3	10	...	9	1
acres...	1,485	18	34	33	60	...	102	100
Pasture....farms reporting...	87	2	5	5	10	...	3	...
acres...	2,164	70	97	38	250	...	14	...
Irish potatoes....farms reporting...	69	19	...	2	9	15	9	1
acres...	2,858	1,585	...	2	5	958	14	30
Tobacco....farms reporting...	1,258	1	129	120	186	...	295	...
acres...	9,610	50	1,056	993	1,478	...	2,746	...
Tomatoes....farms reporting...	62	3	1	5	...	7	8	...
acres...	1,288	32	1	1	...	1,080	8	...

Item (For definitions and explanations, see text)	The State
WEST VIRGINIA	
Farms reporting irrigation....number...	21
Land irrigated....acres...	358
ACRES IRRIGATED BY SOURCE OF WATER	
Wells....farms reporting...	2
acres...	2
Natural streams and rivers....farms reporting...	13
acres...	304
Springs and seepage....farms reporting...	...
acres...	...
Farm runoff....farms reporting...	5
acres...	33
Natural lakes and ponds....farms reporting...	1
acres...	18
Drainage ditches....farms reporting...	...
acres...	...
Municipal water supply systems....farms reporting...	1
acres...	1
Irrigation or drainage organizations....farms reporting...	...
acres...	...
Other sources....farms reporting...	...
acres...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED	
Hay and seed crops....total acres...	54
Irrigated 1 time....acres...	...
Irrigated 2 times....acres...	19
Irrigated 3 times....acres...	35
Irrigated 4 times....acres...	...
Irrigated 5 or more times....acres...	...
Times irrigated not reported....acres...	...

Item (For definitions and explanations, see text)	The State
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED—Continued	
Field crops other than hay and seed crops...total acres...	75
Irrigated 1 time....acres...	...
Irrigated 2 times....acres...	40
Irrigated 3 times....acres...	35
Irrigated 4 times....acres...	...
Irrigated 5 or more times....acres...	...
Times irrigated not reported....acres...	...
Vegetables....total acres...	166
Irrigated 1 time....acres...	82
Irrigated 2 times....acres...	83
Irrigated 3 times....acres...	...
Irrigated 4 times....acres...	1
Irrigated 5 or more times....acres...	...
Times irrigated not reported....acres...	...
Berries and small fruits....total acres...	10
Irrigated 1 time....acres...	...
Irrigated 2 times....acres...	8
Irrigated 3 times....acres...	...
Irrigated 4 times....acres...	...
Irrigated 5 or more times....acres...	...
Times irrigated not reported....acres...	2
Tree fruits, nuts, and grapes....total acres...	...
Irrigated 1 time....acres...	...
Irrigated 2 times....acres...	...
Irrigated 3 times....acres...	...
Irrigated 4 times....acres...	...
Irrigated 5 or more times....acres...	...
Times irrigated not reported....acres...	...
Other crops....total acres...	43
Irrigated 1 time....acres...	...
Irrigated 2 times....acres...	30
Irrigated 3 times....acres...	...
Irrigated 4 times....acres...	7
Irrigated 5 or more times....acres...	3
Times irrigated not reported....acres...	3

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State	Alamance	Beaufort	Caswell	Cumberland	Davidson	Franklin	Granville
NORTH CAROLINA								
Farms reporting irrigation.....number...	6,255	176	68	331	203	18	287	199
Land irrigated.....acres...	58,573	1,369	985	2,679	1,428	1,498	2,371	1,802
ACRES IRRIGATED BY SOURCE OF WATER								
Wells.....farms reporting...	250	2	34	2	7	...	3	6
acres...	2,534	15	528	11	44	...	8	63
Natural streams and rivers.....farms reporting...	1,399	23	11	63	24	11	56	32
acres...	11,960	117	83	449	111	1,411	320	182
Springs and seepage.....farms reporting...	2,045	61	22	69	102	5	104	35
acres...	14,987	333	192	479	699	21	771	144
Farm runoff.....farms reporting...	2,225	105	14	150	57	7	74	123
acres...	16,115	685	96	1,063	277	39	531	1,071
Natural lakes and ponds.....farms reporting...	1,492	32	7	95	38	6	108	41
acres...	11,650	214	69	663	264	21	720	290
Drainage ditches.....farms reporting...	162	2	5	2	6	2	3	7
acres...	1,196	5	17	14	33	6	17	37
Municipal water supply systems.....farms reporting...	15	...	...	...	...	...	...	2
acres...	72	...	...	...	...	...	...	15
Irrigation or drainage organizations.....farms reporting...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...
Other sources.....farms reporting...	3	...	...	...	...	...	1	...
acres...	59	...	...	...	...	...	4	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED								
Hay and seed crops.....total acres...	1,713	...	...	104	...	1,203	...	1
Irrigated 1 time.....acres...	80	...	...	11	...	...	...	...
Irrigated 2 times.....acres...	202	...	...	50	...	...	...	...
Irrigated 3 times.....acres...	1,350	...	...	43	...	1,203	...	1
Irrigated 4 times.....acres...	76	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	3	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	2	...	...	...	...	...	...	...
Field crops other than hay and seed crops....total acres...	49,885	1,283	885	2,496	1,294	256	2,370	1,768
Irrigated 1 time.....acres...	5,599	58	93	258	29	1	405	70
Irrigated 2 times.....acres...	15,059	237	154	1,101	81	20	793	404
Irrigated 3 times.....acres...	18,147	632	484	832	187	223	683	671
Irrigated 4 times.....acres...	5,783	282	7	143	280	3	281	391
Irrigated 5 or more times.....acres...	3,248	58	140	97	617	...	127	100
Times irrigated not reported.....acres...	2,049	16	7	65	100	9	81	132
Vegetables.....total acres...	2,854	38	45	34	90	32	12	19
Irrigated 1 time.....acres...	312	1	...	4	2	2	1	...
Irrigated 2 times.....acres...	889	21	7	19	...	14	4	...
Irrigated 3 times.....acres...	1,056	13	32	6	53	...	4	19
Irrigated 4 times.....acres...	143	3	...	...	24	3	...	...
Irrigated 5 or more times.....acres...	263	...	...	...	7	8	...	...
Times irrigated not reported.....acres...	191	...	6	5	4	5	3	...
Berries and small fruits.....total acres...	221	1	...	1	13	...	...	...
Irrigated 1 time.....acres...	18	...	...	...	8	...	...	...
Irrigated 2 times.....acres...	21	1	...	1	4	...	...	...
Irrigated 3 times.....acres...	115	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	47	...	...	...	1	...	...	...
Irrigated 5 or more times.....acres...	16	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	4	...	...	...	...	...	...	...
Tree fruits, nuts, and grapes.....total acres...	1,048	...	...	...	...	...	...	...
Irrigated 1 time.....acres...	217	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	626	...	...	...	...	...	...	...
Irrigated 3 times.....acres...	85	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	120	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...
Other crops.....total acres...	2,608	44	41	70	30	4	18	5
Irrigated 1 time.....acres...	152	36	...	3	...	...	...	...
Irrigated 2 times.....acres...	489	...	...	46	...	4	15	...
Irrigated 3 times.....acres...	403	...	4	10	10	...	...	...
Irrigated 4 times.....acres...	222	...	2	11	...	...	...	...
Irrigated 5 or more times.....acres...	388	...	5	...	20	...	...	...
Times irrigated not reported.....acres...	954	8	30	...	...	...	3	5
MAJOR INDIVIDUAL CROPS IRRIGATED								
Corn for all purposes.....farms reporting...	246	12	2	14	4	1	10	5
acres...	1,735	42	10	56	31	200	102	20
All hay cut.....farms reporting...	48	...	...	7	...	2	...	1
acres...	1,709	...	...	104	...	1,203	...	1
Pasture.....farms reporting...	117	3	...	8	1	1	2	...
acres...	1,227	36	...	70	10	4	18	...
Irish potatoes.....farms reporting...	139	2	13	11	...	1	3	2
acres...	1,028	1	339	4	...	1	5	35
Tobacco.....farms reporting...	5,944	172	57	329	200	10	285	196
acres...	46,286	1,236	528	2,436	1,258	54	2,230	1,712
Nursery, greenhouse, and flower crops....farms reporting...	105	1	4	...	1	...	...	3
acres...	1,381	8	41	...	20	...	...	5

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	Greene	Guilford	Harnett	Johnston	Lenoir	Moore	Nash	Orange	Person
NORTH CAROLINA									
Farms reporting irrigation.....number...	57	146	404	306	75	181	132	139	274
Land irrigated.....acres...	491	1,342	3,610	2,676	672	1,658	1,293	1,200	1,948
ACRES IRRIGATED BY SOURCE OF WATER									
Wells.....farms reporting...	7	4	1	3	7	2	2	4	3
acres...	58	8	7	21	38	12	10	19	11
Natural streams and rivers.....farms reporting...	13	45	54	32	13	46	30	10	54
acres...	103	469	364	227	102	305	226	50	250
Springs and seepage.....farms reporting...	11	43	164	129	26	86	47	22	57
acres...	86	276	1,161	904	180	661	319	181	360
Farm runoff.....farms reporting...	17	54	129	123	26	54	71	81	128
acres...	106	327	889	968	165	405	515	634	881
Natural lakes and ponds.....farms reporting...	11	33	146	65	11	35	20	41	66
acres...	126	261	1,133	498	88	251	134	308	417
Drainage ditches.....farms reporting...	1	...	5	10	10	2	4	1	3
acres...	12	...	25	58	99	21	60	8	16
Municipal water supply systems.....farms reporting...	...	1	...	...	...	1	1	...	2
acres...	...	1	...	...	...	3	5	...	13
Irrigation or drainage organizations.....farms reporting...	...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...	...
Other sources.....farms reporting...	...	...	1	...	...	...	1	...	...
acres...	...	...	31	...	...	...	24	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED									
Hay and seed crops.....total acres...	...	10	5	20	...	6	...	...	...
Irrigated 1 time.....acres...	...	...	...	...	...	3	...	...	...
Irrigated 2 times.....acres...	...	10	...	20	...	...	...	...	...
Irrigated 3 times.....acres...	...	...	5	...	...	3	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...
Field crops other than hay and seed crops....total acres...	498	980	3,542	2,525	584	1,492	1,266	1,225	1,920
Irrigated 1 time.....acres...	166	68	398	417	156	93	55	33	200
Irrigated 2 times.....acres...	194	249	1,215	1,132	190	203	373	358	398
Irrigated 3 times.....acres...	102	466	1,223	623	196	695	436	524	712
Irrigated 4 times.....acres...	32	146	336	169	17	265	235	236	447
Irrigated 5 or more times.....acres...	1	2	232	130	14	199	137	62	107
Times irrigated not reported.....acres...	3	49	138	54	11	37	30	12	56
Vegetables.....total acres...	...	33	37	77	44	56	16	26	24
Irrigated 1 time.....acres...	...	...	...	4	8	6	...	2	1
Irrigated 2 times.....acres...	...	12	13	32	1	2	3	8	11
Irrigated 3 times.....acres...	...	5	19	31	11	47	7	13	9
Irrigated 4 times.....acres...	...	11	2	1	9	1	...	3	...
Irrigated 5 or more times.....acres...	...	...	...	4	15	...	4	...	1
Times irrigated not reported.....acres...	...	5	3	5	...	...	2	...	2
Berries and small fruits.....total acres...	...	5	...	...	4	22	...	1	1
Irrigated 1 time.....acres...	...	...	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	...	1	...	...	...	3	...	...	...
Irrigated 3 times.....acres...	...	4	...	...	1	19	...	1	1
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	3	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...
Tree fruits, nuts, and grapes.....total acres...	...	...	...	...	...	19	...	...	...
Irrigated 1 time.....acres...	...	...	...	...	...	19	...	...	...
Irrigated 2 times.....acres...	...	...	...	...	...	...	...	...	...
Irrigated 3 times.....acres...	...	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...
Other crops.....total acres...	...	312	19	27	32	61	4	4	...
Irrigated 1 time.....acres...	...	4	...	4	...	...	...	...	...
Irrigated 2 times.....acres...	...	24	18	7	...	1	4	4	...
Irrigated 3 times.....acres...	...	25	...	...	...	5	...	...	...
Irrigated 4 times.....acres...	...	...	...	15	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	7	...	...	32	2	...	...	...
Times irrigated not reported.....acres...	...	252	1	1	...	53	...	...	...
MAJOR INDIVIDUAL CROPS IRRIGATED									
Corn for all purposes.....farms reporting...	1	1	17	16	1	14	4	5	8
acres...	17	2	90	191	3	75	12	98	19
All hay cut.....farms reporting...	...	1	1	1	...	2	...	...	...
acres...	...	10	5	20	...	6	...	...	...
Pasture.....farms reporting...	...	4	2	4	...	2	1	1	...
acres...	...	53	17	24	...	4	4	4	...
Irish potatoes.....farms reporting...	...	7	...	4	4	3	1	5	1
acres...	...	3	...	5	6	8	60	20	25
Tobacco.....farms reporting...	56	134	401	302	69	173	130	136	269
acres...	481	959	3,433	2,192	563	1,402	1,168	1,107	1,876
Nursery, greenhouse, and flower crops....farms reporting...	...	7	7	2	2	5	...	...	...
acres...	...	259	2	3	32	57	...	...	...

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	Pitt	Robeson	Rockingham	Sampson	Vance	Wake	Wilson	Yadkin
NORTH CAROLINA								
Farms reporting irrigation.....number...	195	175	481	166	208	411	155	132
Land irrigated.....acres...	2,303	1,414	3,900	1,752	1,749	3,910	1,586	677
ACRES IRRIGATED BY SOURCE OF WATER								
Wells.....farms reporting...	29	17	2	6	2	10	3	...
acres...	198	115	7	48	3	43	13	...
Natural streams and rivers.....farms reporting...	22	17	179	32	59	55	27	46
acres...	297	93	1,134	210	429	443	167	196
Springs and seepage.....farms reporting...	99	53	135	84	64	122	54	43
acres...	1,021	427	905	746	433	881	507	193
Farm runoff.....farms reporting...	44	78	163	47	72	170	60	25
acres...	362	455	1,024	354	507	1,347	528	95
Natural lakes and ponds.....farms reporting...	28	40	110	41	55	133	35	37
acres...	252	273	807	333	364	1,184	296	192
Drainage ditches.....farms reporting...	22	11	2	10	1	3	11	...
acres...	173	51	11	61	4	12	75	...
Municipal water supply systems.....farms reporting...	...	...	2	...	1	...	...	1
acres...	...	...	12	...	9	...	...	1
Irrigation or drainage organizations.....farms reporting...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...
Other sources.....farms reporting...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED								
Hay and seed crops.....total acres...	...	1	77	...	...	6	27	15
Irrigated 1 time.....acres...	...	1	5	...	...	...	...	...
Irrigated 2 times.....acres...	...	...	13	...	...	5	27	15
Irrigated 3 times.....acres...	...	...	58	...	...	...	...	...
Irrigated 4 times.....acres...	...	...	1	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	1	...	...
Field crops other than hay and seed crops....total acres...	2,180	1,338	3,569	1,268	1,707	3,738	1,519	613
Irrigated 1 time.....acres...	366	69	224	38	55	641	318	124
Irrigated 2 times.....acres...	1,045	320	1,152	360	327	1,381	683	278
Irrigated 3 times.....acres...	563	402	1,455	528	873	1,164	378	127
Irrigated 4 times.....acres...	117	317	285	166	284	373	91	17
Irrigated 5 or more times.....acres...	56	211	211	121	116	93	39	5
Times irrigated not reported.....acres...	33	19	242	55	52	86	10	62
Vegetables.....total acres...	56	42	97	431	31	54	21	4
Irrigated 1 time.....acres...	13	20	7	16	2	13	...	...
Irrigated 2 times.....acres...	31	17	27	46	4	19	21	2
Irrigated 3 times.....acres...	10	4	49	303	25	16	...	1
Irrigated 4 times.....acres...	...	1	3	51	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	4	5	...	...	...	...
Times irrigated not reported.....acres...	2	...	7	10	...	6	...	1
Berries and small fruits.....total acres...	...	1	18	...	...	2	...	...
Irrigated 1 time.....acres...	...	...	1	...	...	...	...	...
Irrigated 2 times.....acres...	...	1	5	...	...	...	...	...
Irrigated 3 times.....acres...	...	...	12	...	...	2	...	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...
Tree fruits, nuts, and grapes.....total acres...	...	...	...	...	...	...	...	...
Irrigated 1 time.....acres...	...	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	...	...	...	...	...	...	...	...
Irrigated 3 times.....acres...	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...
Other crops.....total acres...	42	27	123	26	1	80	10	39
Irrigated 1 time.....acres...	21	...	27	...	...	4	5	20
Irrigated 2 times.....acres...	...	2	20	...	...	22	2	13
Irrigated 3 times.....acres...	15	...	6	5	...	10	2	...
Irrigated 4 times.....acres...	3	5	10	...	...	...	...	...
Irrigated 5 or more times.....acres...	3	18	60	...	...	16	...	...
Times irrigated not reported.....acres...	...	2	...	21	1	28	1	6
MAJOR INDIVIDUAL CROPS IRRIGATED								
Corn for all purposes.....farms reporting...	5	5	16	7	4	12	3	9
acres...	23	20	71	70	12	59	17	22
All hay cut.....farms reporting...	...	1	6	...	...	2	2	4
acres...	...	1	77	...	...	6	27	15
Pasture.....farms reporting...	5	2	12	1	...	7	4	7
acres...	39	7	123	5	...	38	10	39
Irish potatoes.....farms reporting...	3	1	45	...	1	7	1	2
acres...	20	1	29	...	1	16	11	3
Tobacco.....farms reporting...	193	172	470	160	207	401	153	130
acres...	2,137	1,315	3,467	1,162	1,694	3,641	1,457	573
Nursery, greenhouse, and flower crops....farms reporting...	1	2	...	2	1	8	...	...
acres...	3	20	...	21	1	42	...	...

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State	Beaufort	Cherokee	Dillon	Edgefield	Horry	Marion	Spartanburg	Williams-burg
SOUTH CAROLINA									
Farms reporting irrigation.....number...	1,051	11	14	96	34	135	157	43	162
Land irrigated.....acres...	21,786	1,313	1,152	1,040	3,106	1,227	1,438	1,441	1,259
ACRES IRRIGATED BY SOURCE OF WATER									
Wells.....farms reporting...	107	10	...	6	...	7	17	2	10
acres...	2,697	1,268	...	43	...	51	147	4	48
Natural streams and rivers.....farms reporting...	242	...	5	9	18	14	12	24	10
acres...	4,740	...	145	51	1,217	80	74	603	34
Springs and seepage.....farms reporting...	491	1	5	62	15	71	83	14	80
acres...	6,896	6	165	532	818	663	721	291	616
Farm runoff.....farms reporting...	263	...	2	29	9	20	25	8	81
acres...	3,389	...	65	223	262	165	234	273	477
Natural lakes and ponds.....farms reporting...	155	...	4	14	11	22	29	7	11
acres...	3,500	...	777	124	809	175	236	270	74
Drainage ditches.....farms reporting...	36	1	...	3	...	13	3	...	2
acres...	543	39	...	67	...	92	17	...	10
Municipal water supply systems.....farms reporting...	4	...	...	...	...	1	...	...	...
acres...	12	...	...	...	...	1	...	...	...
Irrigation or drainage organizations.....farms reporting...	...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...	...
Other sources.....farms reporting...	1	...	...	...	...	...	1	...	...
acres...	9	...	...	...	...	...	9	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED									
Hay and seed crops.....total acres...	270	...	...	40	...	3	...	...	...
Irrigated 1 time.....acres...	44	...	...	40	...	3	...	...	...
Irrigated 2 times.....acres...	13	...	...	...	...	...	...	...	...
Irrigated 3 times.....acres...	180	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	10	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	23	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...
Field crops other than hay and seed crops....total acres...	8,986	12	2	892	711	1,126	1,370	57	1,192
Irrigated 1 time.....acres...	1,863	...	...	97	389	174	261	55	160
Irrigated 2 times.....acres...	3,495	12	...	330	206	407	440	...	432
Irrigated 3 times.....acres...	2,384	...	...	246	116	362	257	2	397
Irrigated 4 times.....acres...	797	...	...	180	...	120	262	...	105
Irrigated 5 or more times.....acres...	273	...	...	...	...	45	120	...	57
Times irrigated not reported.....acres...	174	...	2	39	...	18	30	...	41
Vegetables.....total acres...	2,914	1,295	55	15	65	29	2	14	59
Irrigated 1 time.....acres...	529	320	10	1	...	1	...	6	3
Irrigated 2 times.....acres...	1,040	495	...	4	65	14	2	...	23
Irrigated 3 times.....acres...	805	215	20	6	...	11	...	7	13
Irrigated 4 times.....acres...	217	100	5	4	...	2	...	...	18
Irrigated 5 or more times.....acres...	145	...	20	...	...	1	...	...	...
Times irrigated not reported.....acres...	178	165	...	...	...	...	...	1	2
Berries and small fruits.....total acres...	27	...	...	1	...	3	...	...	...
Irrigated 1 time.....acres...	1	...	...	...	...	1	...	...	...
Irrigated 2 times.....acres...	10	...	...	...	...	...	...	...	...
Irrigated 3 times.....acres...	10	...	...	1	...	...	...	...	...
Irrigated 4 times.....acres...	1	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	3	...	...	...	...	2	...	...	...
Times irrigated not reported.....acres...	2	...	...	...	...	...	...	...	...
Tree fruits, nuts, and grapes.....total acres...	6,708	...	1,030	...	2,220	...	...	1,036	...
Irrigated 1 time.....acres...	3,747	...	945	...	985	...	...	668	...
Irrigated 2 times.....acres...	1,950	...	25	...	718	...	...	353	...
Irrigated 3 times.....acres...	826	...	60	...	367	...	...	15	...
Irrigated 4 times.....acres...	185	...	...	...	150	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...
Other crops.....total acres...	2,776	6	65	86	160	63	59	330	23
Irrigated 1 time.....acres...	386	...	...	6	60	56	13	...	6
Irrigated 2 times.....acres...	609	...	25	80	...	...	43	30	...
Irrigated 3 times.....acres...	868	...	40	...	100	7	...	200	17
Irrigated 4 times.....acres...	253	...	...	...	...	...	...	50	...
Irrigated 5 or more times.....acres...	377	...	...	...	...	...	...	30	...
Times irrigated not reported.....acres...	283	6	...	...	...	...	3	20	...
MAJOR INDIVIDUAL CROPS IRRIGATED									
Corn for all purposes.....farms reporting...	103	...	1	7	6	8	9	2	5
acres...	1,617	...	2	53	151	74	58	35	88
Pasture.....farms reporting...	81	...	2	4	2	6	4	4	3
acres...	2,344	...	65	86	160	63	56	310	23
Tobacco.....farms reporting...	718	...	...	92	...	133	155	1	159
acres...	5,525	...	...	764	...	1,023	1,181	2	1,047
Cotton.....farms reporting...	60	...	...	9	9	2	9	1	4
acres...	1,287	...	...	73	560	3	113	20	26
Tomatoes.....farms reporting...	51	4	2	2	2	1	...	4	...
acres...	688	360	40	2	65	2	...	8	...
Peaches.....farms reporting...	125	...	10	...	32	...	...	33	...
acres...	6,667	...	1,020	...	2,220	...	...	1,036	...

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State	Coffee	Colquitt	Decatur	Evans	Lowndes	Mitchell	Tattnall	Tift
GEORGIA									
Farms reporting irrigation.....number...	1,817	205	131	27	62	28	63	179	161
Land irrigated.....acres...	31,792	1,705	1,478	1,684	1,136	1,401	1,339	2,193	3,136
ACRES IRRIGATED BY SOURCE OF WATER									
Wells.....farms reporting...	194	...	3	5	1	8	30	4	12
acres...	4,091	...	37	105	25	618	801	64	321
Natural streams and rivers.....farms reporting...	417	19	12	4	18	5	10	47	32
acres...	9,534	119	198	571	337	83	270	341	994
Springs and seepage.....farms reporting...	357	32	9	13	18	12	13	48	24
acres...	3,766	177	85	223	141	220	107	349	233
Farm runoff.....farms reporting...	573	80	75	5	14	7	13	30	77
acres...	6,681	525	809	342	269	253	104	218	772
Natural lakes and ponds.....farms reporting...	519	98	44	3	17	6	7	60	41
acres...	7,351	874	321	431	357	227	49	1,217	633
Drainage ditches.....farms reporting...	16	2	2	...	...	...	2	1	1
acres...	81	10	28	...	...	...	7	1	1
Municipal water supply systems.....farms reporting...	19	...	...	1	1	...	1	...	3
acres...	285	...	...	12	7	...	1	...	182
Irrigation or drainage organizations.....farms reporting...	...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...	...
Other sources.....farms reporting...	1	...	...	...	...	...	...	1	...
acres...	3	...	...	...	...	...	...	3	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED									
Hay and seed crops.....total acres...	798	30	40	...	95	4	...	45	...
Irrigated 1 time.....acres...	135	...	10	...	...	4	...	45	...
Irrigated 2 times.....acres...	269	30	...	...	...	...	...	...	...
Irrigated 3 times.....acres...	259	...	...	...	95	...	...	...	...
Irrigated 4 times.....acres...	35	...	30	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	100	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...
Field crops other than hay and seed crops....total acres...	18,484	1,305	1,176	1,158	678	541	1,116	1,605	1,292
Irrigated 1 time.....acres...	2,635	173	135	8	95	9	92	240	122
Irrigated 2 times.....acres...	4,936	355	331	325	297	50	298	570	358
Irrigated 3 times.....acres...	5,682	456	494	356	156	319	582	365	307
Irrigated 4 times.....acres...	2,386	139	182	163	28	123	87	171	159
Irrigated 5 or more times.....acres...	2,300	115	...	306	82	37	32	202	280
Times irrigated not reported.....acres...	545	67	34	...	20	3	25	57	66
Vegetables.....total acres...	5,056	172	107	98	127	406	92	452	329
Irrigated 1 time.....acres...	287	5	8	...	31	...	15	47	...
Irrigated 2 times.....acres...	1,562	164	50	12	12	...	18	113	7
Irrigated 3 times.....acres...	1,121	2	40	24	29	6	47	155	282
Irrigated 4 times.....acres...	1,172	...	3	36	15	400	12	64	36
Irrigated 5 or more times.....acres...	826	...	...	26	40	...	...	73	...
Times irrigated not reported.....acres...	88	1	6	...	...	...	...	...	4
Berries and small fruits.....total acres...	14	...	...	...	...	...	...	...	2
Irrigated 1 time.....acres...	...	...	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	8	...	...	...	...	...	...	...	2
Irrigated 3 times.....acres...	...	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	3	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	3	...	...	...	...	...	...	...	...
Tree fruits, nuts, and grapes.....total acres...	1,517	...	31	...	...	...	...	...	2
Irrigated 1 time.....acres...	845	...	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	535	...	30	...	...	...	...	...	2
Irrigated 3 times.....acres...	101	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	30	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	3	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	3	...	1	...	...	...	...	...	...
Other crops.....total acres...	6,813	176	134	442	259	863	131	69	1,814
Irrigated 1 time.....acres...	786	33	17	...	150	...	...	50	6
Irrigated 2 times.....acres...	1,261	137	...	...	109	210	91	...	182
Irrigated 3 times.....acres...	1,103	...	...	...	...	300	40	16	7
Irrigated 4 times.....acres...	608	...	...	...	...	350	...	...	...
Irrigated 5 or more times.....acres...	528	...	10	30	...	...	...	...	2
Times irrigated not reported.....acres...	2,527	6	107	412	...	3	...	3	1,617
MAJOR INDIVIDUAL CROPS IRRIGATED									
Corn for all purposes.....farms reporting...	134	11	2	1	6	2	6	9	9
acres...	2,766	94	12	125	213	24	194	123	71
Peanuts.....farms reporting...	72	10	4	...	...	...	12	3	10
acres...	1,611	69	76	...	...	...	479	24	120
Pasture.....farms reporting...	99	11	3	1	...	1	4	3	2
acres...	2,409	176	17	30	...	10	131	66	12
Tobacco.....farms reporting...	1,553	201	128	22	58	26	62	169	155
acres...	11,347	1,139	957	833	400	292	413	1,294	1,088
Cotton.....farms reporting...	60	1	3	...	3	...	4	7	...
acres...	1,372	3	64	...	65	...	29	59	...
Nursery, greenhouse, and flower crops....farms reporting...	77	...	3	2	2	3	...	1	6
acres...	4,401	...	117	412	259	853	...	3	1,800

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State	Alachua	Brevard	Broward	Charlotte	Collier	Dade	De Soto	Flagler	Gadsden	Glades	Hamilton
FLORIDA												
Farms reporting irrigation.....number...	3,155	65	45	58	6	36	219	17	27	162	20	160
Land irrigated.....acres...	413,716	1,586	2,004	10,505	947	7,037	21,911	9,402	4,919	4,140	13,405	1,687
ACRES IRRIGATED BY SOURCE OF WATER												
Wells.....farms reporting...	2,337	54	44	22	4	36	212	16	27	15	1	71
acres...	218,000	1,301	1,667	1,637	904	6,567	17,029	9,201	4,587	203	1,500	921
Natural streams and rivers.....farms reporting...	211	3	1	5	1	...	2	...	...	71	3	38
acres...	26,316	146	8	1,439	3	...	93	...	...	1,637	3,185	249
Springs and seepage.....farms reporting...	231	2	1	3	...	2	2	...	...	80	1	26
acres...	5,362	22	20	100	...	25	43	...	...	1,655	70	189
Farm runoff.....farms reporting...	53	1	2	...	...	...	...	...	...	20	...	3
acres...	2,096	20	47	...	...	...	...	...	...	345	...	23
Natural lakes and ponds.....farms reporting...	421	6	2	...	2	...	3	...	1	8	7	42
acres...	59,647	50	45	...	32	...	15	...	332	281	4,840	295
Drainage ditches.....farms reporting...	259	1	9	34	1	3	5	1	...	2	6	1
acres...	80,370	38	217	6,986	8	445	4,628	200	...	19	3,145	6
Municipal water supply systems.....farms reporting...	40	1	...	1	...	...	3	1	...	...	...	...
acres...	117	1	...	1	...	...	3	1	...	...	...	...
Irrigation or drainage organizations.....farms reporting...	79	...	...	3	...	...	1	...	...	...	4	1
acres...	21,135	...	...	342	...	...	100	...	...	...	665	4
Other sources.....farms reporting...	4	1	...	...	...	...	...	...	...	...	...	...
acres...	673	8	...	...	...	...	...	...	...	...	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED												
Hay and seed crops.....total acres...	1,396	30	1	...	...	...	100	...	...	...	20	...
Irrigated 1 time.....acres...	50	...	...	...	...	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	287	30	...	...	...	...	...	...	...	...	20	...
Irrigated 3 times.....acres...	150	...	...	...	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	8	...	...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	496	...	1	...	...	...	100	...	...	...	...	...
Times irrigated not reported.....acres...	405	...	...	...	...	...	...	...	...	...	...	...
Field crops other than hay and seed crops....total acres...	41,745	645	70	47	40	...	1,132	10	2,790	4,021	2,844	1,527
Irrigated 1 time.....acres...	4,799	64	...	...	...	...	327	...	465	...	...	6
Irrigated 2 times.....acres...	13,377	66	70	13	40	...	388	10	637	174	1,538	76
Irrigated 3 times.....acres...	7,626	228	...	...	...	...	367	...	1,603	355	840	175
Irrigated 4 times.....acres...	3,505	216	...	...	...	...	10	...	85	319	...	559
Irrigated 5 or more times.....acres...	7,526	59	...	34	...	...	40	...	...	3,169	...	661
Times irrigated not reported.....acres...	4,912	12	...	...	...	...	...	...	...	4	466	50
Vegetables.....total acres...	133,508	699	54	5,029	387	6,535	14,270	646	1,245	129	451	104
Irrigated 1 time.....acres...	5,123	34	...	...	92	20	30	...	25	8	...	1
Irrigated 2 times.....acres...	9,501	172	...	934	30	...	1,230	25	780	41	...	82
Irrigated 3 times.....acres...	13,305	77	54	1,352	85	1,699	2,196	606	335	19	...	9
Irrigated 4 times.....acres...	9,490	17	...	426	180	1,230	2,324	15	105	46	...	...
Irrigated 5 or more times.....acres...	31,961	13	...	1,207	...	2,621	7,726	...	...	15	450	10
Times irrigated not reported.....acres...	64,128	386	...	1,110	...	965	764	...	...	...	1	2
Berries and small fruits.....total acres...	354	...	...	...	...	20	23	...	...	...	...	...
Irrigated 1 time.....acres...	1	...	...	...	...	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	6	...	...	...	...	...	...	...	...	...	...	...
Irrigated 3 times.....acres...	21	...	...	...	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	30	...	...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	261	...	...	...	...	20	23	...	...	...	...	...
Times irrigated not reported.....acres...	35	...	...	...	...	...	...	...	...	...	...	...
Tree fruits, nuts, and grapes.....total acres...	106,258	...	1,575	1,378	117	...	2,169	8,040	...	...	...	...
Irrigated 1 time.....acres...	25,829	...	86	...	10	...	160	...	...	...	...	...
Irrigated 2 times.....acres...	27,471	...	58	460	79	...	393	7,834	...	...	...	...
Irrigated 3 times.....acres...	15,356	...	324	250	...	...	189	120	...	...	...	...
Irrigated 4 times.....acres...	8,959	...	277	60	17	...	561	52	...	...	...	...
Irrigated 5 or more times.....acres...	24,226	...	485	165	11	...	799	34	...	...	...	...
Times irrigated not reported.....acres...	4,417	...	345	443	...	...	67	...	...	...	...	...
Other crops.....total acres...	150,616	210	303	4,673	403	482	5,185	704	961	2	10,088	37
Irrigated 1 time.....acres...	15,278	36	1	10	...	...	173	85	...	...	38	25
Irrigated 2 times.....acres...	9,220	140	142	345	...	...	...	...	65	...	1,877	12
Irrigated 3 times.....acres...	7,445	...	10	2,460	...	482	45	...	...	...	634	...
Irrigated 4 times.....acres...	9,771	12	...	5	...	...	...	...	...	...	700	...
Irrigated 5 or more times.....acres...	64,320	12	9	1,286	403	...	4,857	619	240	2	6,158	...
Times irrigated not reported.....acres...	44,582	10	141	567	...	...	110	...	656	...	681	...
MAJOR INDIVIDUAL CROPS IRRIGATED												
Pasture.....farms reporting...	235	5	3	5	...	2	4	4	3	...	16	2
acres...	135,582	176	292	3,738	...	382	4,735	700	960	...	9,012	37
Irish potatoes.....farms reporting...	128	...	1	...	...	...	8	...	19	1	...	2
acres...	15,235	...	70	...	...	...	932	...	2,613	12	...	6
Beans, snap.....farms reporting...	184	...	...	11	...	...	22	2	...	13	...	2
acres...	22,099	...	...	2,681	...	...	3,559	12	...	75	...	1
Corn, sweet.....farms reporting...	60	3	...	...	...	...	...	...	...	...	...	3
acres...	18,045	71	...	...	...	...	...	...	...	...	...	3
Tomatoes.....farms reporting...	268	...	...	2	...	10	58	1	...	...	1	...
acres...	24,557	...	...	265	...	2,090	7,877	10	...	...	450	...
Nursery, greenhouse, and flower crops....farms reporting...	623	6	4	23	2	1	73	2	1	1	1	...
acres...	12,745	22	10	495	403	100	445	4	1	2	2	...

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County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	Hardee	Hendry	Highlands	Hillsborough	Indian River	Lake	Lee	Manatee	Marion	Martin	Okeechobee	Orange
FLORIDA												
Farms reporting irrigation.....number...	59	34	55	214	188	72	56	145	49	34	12	112
Land irrigated.....acres...	5,483	13,186	11,170	8,811	36,768	6,772	9,766	11,171	2,382	5,897	4,477	9,298
ACRES IRRIGATED BY SOURCE OF WATER												
Wells.....farms reporting...	55	20	22	181	186	37	53	144	40	28	10	77
acres...	5,353	2,619	5,250	8,079	21,606	3,250	8,936	11,087	1,976	387	3,759	3,922
Natural streams and rivers.....farms reporting...	...	2	4	10	...	3	1	...	2	1	1	2
acres...	...	2,120	715	117	...	192	15	...	76	1,000	3	13
Springs and seepage.....farms reporting...	...	1	6	33	2	5	2	1	1	...	...	6
acres...	...	10	296	271	1,464	324	17	2	5	...	...	51
Farm runoff.....farms reporting...	1	...	...	10	1	...	3	3	...	...	...	1
acres...	100	...	...	101	250	...	69	56	...	...	...	944
Natural lakes and ponds.....farms reporting...	5	3	33	13	3	34	1	...	11	2	1	39
acres...	30	2,308	4,846	225	11,558	2,846	16	...	325	2,800	50	2,575
Drainage ditches.....farms reporting...	...	12	2	2	24	...	9	4	...	2	2	5
acres...	...	3,813	52	3	1,890	...	713	24	...	1,100	665	369
Municipal water supply systems.....farms reporting...	...	...	2	2	...	...	...	1	...	...	...	5
acres...	...	...	11	15	...	...	...	2	...	...	...	10
Irrigation or drainage organizations.....farms reporting...	...	2	...	...	...	1	...	...	...	...	...	7
acres...	...	2,316	...	...	...	160	...	...	...	...	...	1,414
Other sources.....farms reporting...	...	...	...	...	...	...	...	...	...	1	...	...
acres...	...	...	...	...	...	...	...	...	...	610	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED												
Hay and seed crops.....total acres...	150	10	...	137	100	...	...	330	...	...	...	20
Irrigated 1 time.....acres...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	...	...	...	137	100	...	...	...	...	...	...	...
Irrigated 3 times.....acres...	150	...	...	...	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	10	...	...	...	...	...	330	...	...	...	20
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...	...	...	...
Field crops other than hay and seed crops....total acres...	21	385	...	191	7,007	...	560	4	76	...	...	763
Irrigated 1 time.....acres...	...	180	...	50	...	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	...	...	...	47	7,002	...	...	...	73	...	...	1
Irrigated 3 times.....acres...	20	130	...	3	...	...	...	...	3	...	...	1
Irrigated 4 times.....acres...	...	...	...	60	4	...	...	3	...	...	...	1
Irrigated 5 or more times.....acres...	...	...	...	30	...	...	320	...	...	...	...	200
Times irrigated not reported.....acres...	1	75	...	1	1	...	240	1	...	...	...	560
Vegetables.....total acres...	2,159	2,987	105	4,759	10	1,167	3,142	3,603	1,552	1,974	500	4,314
Irrigated 1 time.....acres...	28	...	...	72	...	100	...	5	220	400	...	...
Irrigated 2 times.....acres...	115	...	...	78	4	262	...	314	315	...	...	16
Irrigated 3 times.....acres...	192	190	...	274	...	613	215	115	211	...	...	8
Irrigated 4 times.....acres...	60	457	...	1,643	...	...	500	31	217	300	...	1
Irrigated 5 or more times.....acres...	227	1,510	5	2,167	6	32	2,123	2,244	589	100	500	848
Times irrigated not reported.....acres...	1,537	830	100	525	...	160	304	894	...	1,174	...	3,441
Berries and small fruits.....total acres...	1	...	...	242	...	...	...	5	...	...	...	2
Irrigated 1 time.....acres...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	...	...	...	6	...	...	...	...	...	...	...	...
Irrigated 3 times.....acres...	...	...	...	17	...	...	...	...	...	...	...	1
Irrigated 4 times.....acres...	...	...	...	23	...	...	...	1	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	176	...	...	...	3	...	...	...	...
Times irrigated not reported.....acres...	1	...	...	20	...	...	...	1	...	...	...	1
Tree fruits, nuts, and grapes.....total acres...	2,131	594	8,780	1,805	18,704	4,066	194	915	615	1,701	275	4,556
Irrigated 1 time.....acres...	995	564	3,351	501	1,221	516	...	41	110	...	110	2,796
Irrigated 2 times.....acres...	537	30	1,359	107	3,087	1,711	1	402	245	...	...	755
Irrigated 3 times.....acres...	209	...	546	228	1,581	595	15	119	260	...	...	87
Irrigated 4 times.....acres...	358	...	1,120	58	1,901	160	...	109	...	...	165	143
Irrigated 5 or more times.....acres...	7	...	2,400	485	9,695	475	127	195	...	1,701	...	723
Times irrigated not reported.....acres...	25	...	4	426	1,219	609	51	49	...	...	...	52
Other crops.....total acres...	1,175	9,206	2,282	1,659	10,869	1,640	5,987	6,337	137	2,232	3,700	1,764
Irrigated 1 time.....acres...	155	400	...	...	...	104	...	360	25	...	500	...
Irrigated 2 times.....acres...	145	840	422	...	1,969	123	...	220	3	803	700	47
Irrigated 3 times.....acres...	50	...	100	240	300	5	...	25	73	...	1,006	160
Irrigated 4 times.....acres...	480	260	1,400	12	4,265	...	60	745	35	...	440	...
Irrigated 5 or more times.....acres...	103	5,902	173	1,067	3,780	1,308	3,206	2,335	...	1,299	1,054	1,336
Times irrigated not reported.....acres...	242	1,804	187	340	555	100	2,721	2,652	1	130	...	221
MAJOR INDIVIDUAL CROPS IRRIGATED												
Pasture.....farms reporting...	9	14	7	7	22	2	5	27	2	2	9	2
acres...	1,150	9,202	2,082	561	10,789	1,100	2,275	5,500	16	2,000	3,696	1,005
Irish potatoes.....farms reporting...	...	...	...	5	2	...	3	...	...	...	...	...
acres...	...	...	...	92	5	...	560	...	...	...	...	...
Beans, snap.....farms reporting...	3	1	...	29	...	...	1	15	1	2	...	9
acres...	60	50	...	113	...	...	100	123	15	415	...	529
Corn, sweet.....farms reporting...	...	...	...	8	...	1	1	6	...	...	...	9
acres...	...	...	...	264	...	100	200	11	...	...	...	1,110
Tomatoes.....farms reporting...	10	10	1	22	1	1	7	30	23	2	1	1
acres...	115	1,367	100	2,119	4	60	506	2,611	706	400	500	1
Nursery, greenhouse, and flower crops....farms reporting...	5	3	8	31	9	30	29	26	6	28	1	63
acres...	25	4	200	1,098	56	436	3,712	814	121	232	4	599

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	Osceola	Palm Beach	Pasco	Pinellas	Polk	Putnam	St. Johns	St. Lucie	Sarasota	Seminole	Sumter	Suwannee	Volusia
FLORIDA													
Farms reporting irrigation.....number...	6	189	19	45	246	25	70	160	28	75	110	98	66
Land irrigated.....acres...	9,254	73,386	1,198	1,128	24,830	3,216	11,081	36,967	2,695	36,832	2,708	1,007	1,455
ACRES IRRIGATED BY SOURCE OF WATER													
Wells.....farms reporting...	5	60	19	34	167	20	70	153	27	69	104	70	56
acres...	1,176	2,116	1,086	1,037	13,538	2,895	11,027	25,356	2,569	28,738	2,243	810	1,175
Natural streams and rivers.....farms reporting...	2	5	...	2	7	1	...	10	1	...	1	7	...
acres...	6,803	2,191	...	3	307	40	...	5,357	3	...	10	45	...
Springs and seepage.....farms reporting...	...	6	...	4	22	1	...	1	...	3	...	9	1
acres...	...	158	...	24	362	2	...	40	...	31	...	62	56
Farm runoff.....farms reporting...	1	1	...	...	1	...	...	1	...	...	...	1	...
acres...	69	2	...	...	11	...	...	12	...	...	...	4	...
Natural lakes and ponds.....farms reporting...	1	11	2	4	110	4	...	2	...	6	15	17	14
acres...	206	8,032	110	57	9,960	12	...	805	...	5,248	368	86	222
Drainage ditches.....farms reporting...	1	80	1	1	5	...	2	31	5	3	1	...	2
acres...	1,000	47,139	2	1	581	...	54	5,306	123	1,315	87	...	2
Municipal water supply systems.....farms reporting...	...	4	...	4	8	...	...	1	...	2	...	...	...
acres...	...	24	...	6	16	...	...	1	...	2	...	...	...
Irrigation or drainage organizations.....farms reporting...	...	55	...	...	...	1	...	1	...	1	...	...	...
acres...	...	13,724	...	...	...	267	...	90	...	1,498	...	...	...
Other sources.....farms reporting...	...	...	...	...	2	...	...	...	...	...	...	...	...
acres...	...	...	...	...	55	...	...	...	...	...	...	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED													
Hay and seed crops.....total acres...	...	...	...	...	40	...	...	...	50	400	...	8	...
Irrigated 1 time.....acres...	...	...	...	...	...	...	...	...	50	...	...	...	...
Irrigated 2 times.....acres...	...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 3 times.....acres...	...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...	...	...	...	8	...
Irrigated 5 or more times.....acres...	...	...	...	...	35	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	5	...	...	...	...	400	...	...	...
Field crops other than hay and seed crops....total acres...	...	5,169	1	25	169	1,915	8,456	42	18	600	193	973	2
Irrigated 1 time.....acres...	...	1,900	...	...	80	700	655	...	...	...	49	146	...
Irrigated 2 times.....acres...	...	200	...	23	50	365	2,308	...	...	...	113	107	...
Irrigated 3 times.....acres...	...	622	...	...	19	...	2,872	2	...	1	5	224	...
Irrigated 4 times.....acres...	...	...	...	...	...	850	840	...	...	...	...	205	2
Irrigated 5 or more times.....acres...	...	661	...	...	20	...	846	40	16	...	26	227	...
Times irrigated not reported.....acres...	...	1,786	1	2	...	...	935	...	2	599	...	64	...
Vegetables.....total acres...	87	55,395	93	...	629	587	2,243	1,803	443	12,549	2,570	22	240
Irrigated 1 time.....acres...	...	120	...	...	74	...	32	...	135	3,441	210	11	1
Irrigated 2 times.....acres...	...	3,075	...	...	189	432	615	...	...	53	495	...	56
Irrigated 3 times.....acres...	...	3,299	...	...	146	...	631	308	38	157	303	2	80
Irrigated 4 times.....acres...	...	654	6	...	28	155	226	20	100	112	516	...	63
Irrigated 5 or more times.....acres...	...	6,419	85	...	190	...	404	860	170	330	996	8	32
Times irrigated not reported.....acres...	87	41,828	2	...	2	...	335	615	...	8,456	50	1	8
Berries and small fruits.....total acres...	...	18	...	1	3	...	...	...	...	4	24	...	...
Irrigated 1 time.....acres...	...	...	...	...	1	...	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 3 times.....acres...	...	3	...	...	...	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	...	4	...	...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	4	...	1	...	...	...	...	...	4	21	...	...
Times irrigated not reported.....acres...	...	7	...	...	2	...	...	...	...	...	3	...	...
Tree fruits, nuts, and grapes.....total acres...	413	1,974	924	579	22,499	23	175	20,399	232	149	...	...	701
Irrigated 1 time.....acres...	138	...	534	150	11,281	...	...	2,820	150	25	...	...	190
Irrigated 2 times.....acres...	...	81	390	11	7,473	...	...	2,013	30	81	...	...	332
Irrigated 3 times.....acres...	275	1,135	...	60	1,577	...	100	7,630	...	6	...	...	...
Irrigated 4 times.....acres...	...	2	...	211	711	3	75	2,976	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	719	...	22	728	20	...	4,816	36	...	...	...	140
Times irrigated not reported.....acres...	...	37	...	125	729	...	...	144	16	37	...	...	39
Other crops.....total acres...	8,753	25,843	175	523	1,471	711	450	14,710	1,967	23,717	126	1	534
Irrigated 1 time.....acres...	...	6,670	...	...	175	...	125	5,513	400	...	...	...	5
Irrigated 2 times.....acres...	...	...	...	1	7	...	69	120	600	340	...	...	...
Irrigated 3 times.....acres...	...	1,064	...	...	30	3	...	250	460	17	10	...	...
Irrigated 4 times.....acres...	...	...	...	...	30	3	...	...	474	690	90	...	...
Irrigated 5 or more times.....acres...	8,751	9,324	173	430	524	621	245	7,709	1	1,125	25	...	84
Times irrigated not reported.....acres...	2	8,785	2	92	705	84	11	1,118	32	21,545	1	1	445
MAJOR INDIVIDUAL CROPS IRRIGATED													
Pasture.....farms reporting...	1	27	2	...	6	3	4	12	9	6	2	...	2
acres...	8,751	24,433	173	...	911	153	194	14,670	1,865	23,600	100	...	426
Irish potatoes.....farms reporting...	...	5	...	...	4	6	62	1	...	3	...	...	1
acres...	...	716	...	...	29	1,915	7,931	2	...	311	...	...	2
Beans, snap.....farms reporting...	...	41	1	...	3	...	2	1	...	8	6	...	4
acres...	...	13,388	1	...	3	...	5	2	...	327	67	...	10
Corn, sweet.....farms reporting...	...	15	...	...	4	...	1	...	...	3	1	...	1
acres...	...	12,403	...	...	9	...	5	...	...	3,820	10	...	2
Tomatoes.....farms reporting...	...	17	...	...	4	2	...	6	1	2	51	...	...
acres...	...	2,684	...	...	7	106	...	1,780	10	5	742	...	...
Nursery, greenhouse, and flower crops....farms reporting...	1	52	2	30	34	10	5	14	3	27	3	1	43
acres...	2	1,410	2	123	560	558	256	40	102	117	26	1	108

County Table 1.—FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960—Continued

Item (For definitions and explanations, see text)	The State
KENTUCKY	
Farms reporting irrigation.....number...	724
Land irrigated.....acres...	6,477
ACRES IRRIGATED BY SOURCE OF WATER	
Wells.....farms reporting...	46
acres...	422
Natural streams and rivers.....farms reporting...	356
acres...	2,791
Springs and seepage.....farms reporting...	48
acres...	324
Farm runoff.....farms reporting...	188
acres...	1,611
Natural lakes and ponds.....farms reporting...	169
acres...	905
Drainage ditches.....farms reporting...	2
acres...	23
Municipal water supply systems.....farms reporting...	16
acres...	113
Irrigation or drainage organizations....farms reporting...	...
acres...	...
Other sources.....farms reporting...	2
acres...	288
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED	
Hay and seed crops.....total acres...	575
Irrigated 1 time.....acres...	277
Irrigated 2 times.....acres...	231
Irrigated 3 times.....acres...	67
Irrigated 4 times.....acres...	...
Irrigated 5 or more times.....acres...	...
Times irrigated not reported.....acres...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED—Continued	
Field crops other than hay and seed crops...total acres...	4,411
Irrigated 1 time.....acres...	1,566
Irrigated 2 times.....acres...	2,065
Irrigated 3 times.....acres...	427
Irrigated 4 times.....acres...	125
Irrigated 5 or more times.....acres...	53
Times irrigated not reported.....acres...	175
Vegetables.....total acres...	562
Irrigated 1 time.....acres...	60
Irrigated 2 times.....acres...	195
Irrigated 3 times.....acres...	202
Irrigated 4 times.....acres...	33
Irrigated 5 or more times.....acres...	40
Times irrigated not reported.....acres...	32
Berries and small fruits.....total acres...	155
Irrigated 1 time.....acres...	49
Irrigated 2 times.....acres...	55
Irrigated 3 times.....acres...	19
Irrigated 4 times.....acres...	...
Irrigated 5 or more times.....acres...	30
Times irrigated not reported.....acres...	2
Tree fruits, nuts, and grapes.....total acres...	86
Irrigated 1 time.....acres...	86
Irrigated 2 times.....acres...	...
Irrigated 3 times.....acres...	...
Irrigated 4 times.....acres...	...
Irrigated 5 or more times.....acres...	...
Times irrigated not reported.....acres...	...
Other crops.....total acres...	692
Irrigated 1 time.....acres...	399
Irrigated 2 times.....acres...	36
Irrigated 3 times.....acres...	47
Irrigated 4 times.....acres...	...
Irrigated 5 or more times.....acres...	39
Times irrigated not reported.....acres...	171

Item (For definitions and explanations, see text)	The State	Dyer	Greene
TENNESSEE			
Farms reporting irrigation.....number...	583	3	131
Land irrigated.....acres...	9,582	649	579
ACRES IRRIGATED BY SOURCE OF WATER			
Wells.....farms reporting...	42	2	2
acres...	2,084	140	6
Natural streams and rivers.....farms reporting...	397	1	100
acres...	5,325	407	451
Springs and seepage.....farms reporting...	53	...	10
acres...	733	...	19
Farm runoff.....farms reporting...	84	...	14
acres...	884	...	72
Natural lakes and ponds.....farms reporting...	57	1	8
acres...	357	102	30
Drainage ditches.....farms reporting...	3	...	...
acres...	153	...	...
Municipal water supply systems.....farms reporting...	5	...	1
acres...	29	...	1
Irrigation or drainage organizations....farms reporting...	...	...	...
acres...	...	...	...
Other sources.....farms reporting...	2	...	...
acres...	17	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED			
Hay and seed crops.....total acres...	811	...	169
Irrigated 1 time.....acres...	245	...	43
Irrigated 2 times.....acres...	150	...	24
Irrigated 3 times.....acres...	284	...	59
Irrigated 4 times.....acres...	76	...	32
Irrigated 5 or more times.....acres...	46	...	5
Times irrigated not reported.....acres...	10	...	6
Field crops other than hay and seed crops...total acres...	3,638	575	293
Irrigated 1 time.....acres...	1,033	50	64
Irrigated 2 times.....acres...	1,187	16	99
Irrigated 3 times.....acres...	475	...	54
Irrigated 4 times.....acres...	238	...	17
Irrigated 5 or more times.....acres...	30	...	22
Times irrigated not reported.....acres...	675	509	37
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED—Continued			
Vegetables.....total acres...	1,499	...	9
Irrigated 1 time.....acres...	595	...	...
Irrigated 2 times.....acres...	676	...	7
Irrigated 3 times.....acres...	106	...	...
Irrigated 4 times.....acres...	76	...	1
Irrigated 5 or more times.....acres...	10	...	1
Times irrigated not reported.....acres...	36	...	...
Berries and small fruits.....total acres...	192	...	1
Irrigated 1 time.....acres...	31	...	...
Irrigated 2 times.....acres...	42	...	...
Irrigated 3 times.....acres...	89	...	1
Irrigated 4 times.....acres...	6	...	...
Irrigated 5 or more times.....acres...	18	...	...
Times irrigated not reported.....acres...	6	...	...
Tree fruits, nuts, and grapes.....total acres...	357	...	...
Irrigated 1 time.....acres...	75	...	...
Irrigated 2 times.....acres...	51	...	...
Irrigated 3 times.....acres...	31	...	...
Irrigated 4 times.....acres...	...	...	...
Irrigated 5 or more times.....acres...	200	...	...
Times irrigated not reported.....acres...	...	...	...
Other crops.....total acres...	3,052	74	122
Irrigated 1 time.....acres...	412	74	49
Irrigated 2 times.....acres...	336	...	25
Irrigated 3 times.....acres...	479	...	6
Irrigated 4 times.....acres...	128	...	1
Irrigated 5 or more times.....acres...	1,282	...	41
Times irrigated not reported.....acres...	415	...	...
MAJOR INDIVIDUAL CROPS IRRIGATED			
Corn for all purposes.....farms reporting...	41	1	5
acres...	903	26	37
All hay cut.....farms reporting...	58	...	17
acres...	794	...	152
Pasture.....farms reporting...	56	1	9
acres...	1,518	74	113
Tobacco.....farms reporting...	423	...	126
acres...	1,281	...	255
Beans, snap.....farms reporting...	41	...	...
acres...	914	...	...
Nursery, greenhouse, and flower crops...farms reporting...	27	...	1
acres...	1,501	...	6

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State	Elmore	Limestone	Madison	Montgomery
ALABAMA					
Farms reporting irrigation.....number...	232	9	24	6	15
Land irrigated.....acres...	13,842	1,232	3,400	658	1,849
ACRES IRRIGATED BY SOURCE OF WATER					
Wells.....farms reporting...	79	...	3	1	9
acres...	2,934	...	1,062	30	348
Natural streams and rivers.....farms reporting...	112	7	19	3	4
acres...	7,816	802	1,987	264	1,361
Springs and seepage.....farms reporting...	38	2	7	2	2
acres...	1,313	420	306	180	16
Farm runoff.....farms reporting...	35	1	1	...	2
acres...	1,130	10	10	...	49
Natural lakes and ponds.....farms reporting...	11	...	1	1	1
acres...	509	...	35	184	75
Drainage ditches.....farms reporting...	6	...	...	...	...
acres...	99	...	...	...	...
Municipal water supply systems.....farms reporting...	6	...	...	...	...
acres...	41	...	...	...	...
Irrigation or drainage organizations.....farms reporting...	...	...	...	...	...
acres...	...	...	...	...	...
Other sources.....farms reporting...	...	...	...	...	...
acres...	...	...	...	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED					
Hay and seed crops.....total acres...	268	...	...	...	44
Irrigated 1 time.....acres...	72	...	...	...	5
Irrigated 2 times.....acres...	105	...	...	...	23
Irrigated 3 times.....acres...	75	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...
Irrigated 5 or more times.....acres...	16	...	...	...	16
Times irrigated not reported.....acres...	...	...	...	...	...
Field crops other than hay and seed crops....total acres...	8,848	559	2,769	628	1,276
Irrigated 1 time.....acres...	2,068	1	556	423	...
Irrigated 2 times.....acres...	3,416	475	1,392	105	5
Irrigated 3 times.....acres...	1,447	80	361	100	651
Irrigated 4 times.....acres...	433	3	8	...	220
Irrigated 5 or more times.....acres...	1,484	...	452	...	400
Times irrigated not reported.....acres...	...	...	...	...	...
Vegetables.....total acres...	1,873	632	1	30	355
Irrigated 1 time.....acres...	113	...	...	...	...
Irrigated 2 times.....acres...	424	...	...	...	245
Irrigated 3 times.....acres...	250	10	...	...	84
Irrigated 4 times.....acres...	176	50	...	...	22
Irrigated 5 or more times.....acres...	834	572	...	...	...
Times irrigated not reported.....acres...	76	...	1	30	4
Berries and small fruits.....total acres...	61	...	15	...	...
Irrigated 1 time.....acres...	2	...	...	...	...
Irrigated 2 times.....acres...	16	...	15	...	...
Irrigated 3 times.....acres...	37	...	...	...	...
Irrigated 4 times.....acres...	6	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...
Tree fruits, nuts, and grapes.....total acres...	115	...	10	...	...
Irrigated 1 time.....acres...	105	...	...	...	...
Irrigated 2 times.....acres...	7	...	7	...	...
Irrigated 3 times.....acres...	...	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...
Times irrigated not reported.....acres...	3	...	3	...	...
Other crops.....total acres...	2,702	40	602	...	176
Irrigated 1 time.....acres...	568	...	475	...	25
Irrigated 2 times.....acres...	98	...	...	...	...
Irrigated 3 times.....acres...	453	...	...	...	10
Irrigated 4 times.....acres...	98	30	14	...	...
Irrigated 5 or more times.....acres...	796	10	113	...	116
Times irrigated not reported.....acres...	689	...	...	...	25
MAJOR INDIVIDUAL CROPS IRRIGATED					
Corn for all purposes.....farms reporting...	40	2	5	2	2
acres...	1,979	415	438	80	73
Pasture.....farms reporting...	25	2	3	...	5
acres...	1,161	40	489	...	136
Irish potatoes.....farms reporting...	11	...	...	...	1
acres...	408	...	...	...	40
Cotton.....farms reporting...	66	2	20	5	4
acres...	5,555	143	2,256	548	588
Sugarcane and/or sorghums for sirup.....farms reporting...	2	...	...	...	1
acres...	415	...	...	...	400
Nursery, greenhouse, and flower crops....farms reporting...	54	...	2	...	3
acres...	1,365	...	113	...	80

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	The State	Bolivar	Coahoma	De Soto	Holmes	Humphreys	Leflore	Quitman	Sharkey	Sunflower	Tallahatchie	Tunica	Washington	Yazoo
MISSISSIPPI														
Farms reporting irrigation.....number...	651	143	65	11	4	19	35	46	8	62	10	23	104	7
Land irrigated.....acres...	135,400	35,444	12,494	2,550	1,683	5,076	10,618	8,182	1,638	15,953	2,716	5,790	27,864	1,555
ACRES IRRIGATED BY SOURCE OF WATER														
Wells.....farms reporting...	440	117	47	7	1	16	24	32	3	55	8	20	70	1
acres...	93,887	27,459	9,402	2,106	900	4,566	6,557	5,335	652	11,937	1,986	4,283	17,392	165
Natural streams and rivers.....farms reporting...	217	37	20	2	1	3	13	16	7	16	4	3	45	4
acres...	28,946	5,491	2,325	169	35	440	3,514	2,238	986	2,709	675	856	7,274	840
Springs and seepage.....farms reporting...	12	4	...	...	...	...	...	...	...	...	...	...	1	...
acres...	366	83	...	...	...	...	...	...	...	...	...	...	210	...
Farm runoff.....farms reporting...	46	2	...	1	...	1	...	3	...	2	...	1	2	1
acres...	1,646	76	...	2	...	36	...	141	...	55	...	106	155	300
Natural lakes and ponds.....farms reporting...	75	12	10	1	3	1	4	8	...	8	1	2	13	1
acres...	8,703	1,841	663	20	748	34	530	324	...	1,032	55	419	2,482	250
Drainage ditches.....farms reporting...	30	12	2	2	...	...	1	2	...	1	...	2	5	...
acres...	1,645	490	104	253	...	...	17	144	...	20	...	126	351	...
Municipal water supply systems.....farms reporting...	5	1	...	...	...	...	...	...	...	1	...	...	...	...
acres...	207	4	...	...	...	...	...	...	...	200	...	...	...	...
Irrigation or drainage organizations.....farms reporting...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other sources.....farms reporting...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED														
Hay and seed crops.....total acres...	98	...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 1 time.....acres...	32	...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	16	...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 3 times.....acres...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	50	...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Field crops other than hay and seed crops....total acres...	131,353	34,759	12,467	2,498	1,683	4,986	10,355	7,677	1,637	15,047	2,225	5,778	27,700	1,555
Irrigated 1 time.....acres...	36,946	8,652	3,473	525	900	1,180	3,963	1,488	394	3,699	729	1,884	9,531	100
Irrigated 2 times.....acres...	37,329	6,245	4,328	...	783	1,661	2,570	4,351	740	5,421	1,365	604	7,323	1,195
Irrigated 3 times.....acres...	10,258	1,668	2,908	...	...	318	176	213	...	2,457	...	625	1,232	260
Irrigated 4 times.....acres...	1,523	358	...	...	...	...	...	260	...	110	...	...	...	...
Irrigated 5 or more times.....acres...	321	...	...	...	...	...	...	8	...	155	...	...	128	...
Times irrigated not reported.....acres...	44,976	17,836	1,758	1,973	...	1,827	3,646	1,357	503	3,205	131	2,665	9,486	...
Vegetables.....total acres...	555	2	75	22	...	...	...	2	...	215	...	...	...	...
Irrigated 1 time.....acres...	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	299	...	75	...	...	...	...	2	...	160	...	...	...	...
Irrigated 3 times.....acres...	153	2	...	...	...	...	...	...	...	55	...	...	...	...
Irrigated 4 times.....acres...	33	...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	35	...	...	...	...	...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	33	...	...	22	...	...	...	...	...	...	...	...	...	...
Berries and small fruits.....total acres...	32	...	...	...	...	...	...	...	...	15	...	...	...	...
Irrigated 1 time.....acres...	15	...	...	...	...	...	...	...	...	15	...	...	...	...
Irrigated 2 times.....acres...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 3 times.....acres...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Tree fruits, nuts, and grapes.....total acres...	60	...	...	30	...	...	...	...	...	20	...	...	...	...
Irrigated 1 time.....acres...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	30	...	...	...	...	...	...	...	...	20	...	...	...	...
Irrigated 3 times.....acres...	30	...	...	30	...	...	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other crops.....total acres...	3,745	606	30	...	...	100	160	674	...	655	491	20	162	...
Irrigated 1 time.....acres...	407	20	...	...	...	...	60	31	...	100	91	...	30	...
Irrigated 2 times.....acres...	2,030	171	30	...	...	100	100	443	...	445	400	20	117	...
Irrigated 3 times.....acres...	840	225	...	...	...	...	...	200	...	100	...	...	...	...
Irrigated 4 times.....acres...	70	...	...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	284	190	...	...	...	...	...	...	...	10	...	...	...	...
Times irrigated not reported.....acres...	114	...	...	...	...	...	...	...	...	...	...	...	15	...
MAJOR INDIVIDUAL CROPS IRRIGATED														
Corn for all purposes.....farms reporting...	107	16	5	...	...	1	6	6	...	9	1	4	16	2
acres...	4,440	748	266	...	...	10	745	232	...	467	17	239	519	230
Rice.....farms reporting...	199	80	9	7	...	10	16	7	4	15	1	10	36	...
acres...	44,976	17,836	1,758	1,973	...	1,827	3,646	1,357	503	3,205	131	2,665	9,486	...
Soybeans.....farms reporting...	134	45	18	...	1	2	9	9	2	26	2	2	15	1
acres...	14,009	5,194	2,548	...	200	200	903	317	124	2,771	80	247	1,361	15
Pasture.....farms reporting...	39	10	1	...	...	1	2	5	...	6	3	1	3	...
acres...	3,166	606	30	...	...	100	160	674	...	645	491	20	147	...
Cotton.....farms reporting...	414	83	54	2	4	13	26	39	6	50	9	15	78	7
acres...	66,550	10,872	7,895	525	1,483	2,999	5,061	5,556	1,010	8,429	1,778	2,756	15,776	1,310
Nursery, greenhouse, and flower crops....farms reporting...	23	...	...	...	...	...	...	...	...	1	...	...	1	...
acres...	579	...	...	...	...	...	...	...	...	10	...	...	15	...

County Table 1.—FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960—Continued

Item (For definitions and explanations, see text)	The State	Arkansas	Ashley	Chicot	Clay	Conway	Craighead	Crawford	Critten-den	Cross	Desha
ARKANSAS											
Farms reporting irrigation.....number...	4,922	695	29	56	143	5	238	15	35	345	138
Land irrigated.....acres...	836,556	162,967	6,758	15,192	15,101	1,247	35,167	1,355	7,191	57,306	25,630
ACRES IRRIGATED BY SOURCE OF WATER											
Wells.....farms reporting...	4,394	588	25	40	137	3	224	9	35	326	124
acres...	688,155	105,092	6,210	7,349	13,969	543	32,458	981	6,415	54,599	19,772
Natural streams and rivers.....farms reporting...	603	140	5	27	9	2	13	5	2	24	26
acres...	71,132	24,134	477	6,945	559	394	659	177	400	1,259	3,682
Springs and seepage.....farms reporting...	47	4	...	...	1	...	1	...	...	1	...
acres...	3,229	327	...	...	10	...	5	...	...	243	...
Farm runoff.....farms reporting...	314	131	2	3	1	1	6	4	1	6	6
acres...	38,712	21,836	35	202	555	310	1,097	72	2	281	479
Natural lakes and ponds.....farms reporting...	123	15	2	2	...	...	...	2	4	4	7
acres...	10,903	2,432	36	299	...	...	...	125	374	475	957
Drainage ditches.....farms reporting...	213	63	...	4	2	...	17	...	...	9	12
acres...	19,166	8,298	...	397	8	...	948	...	...	449	740
Municipal water supply systems.....farms reporting...	3	...	...	...	...	...	...	...	...	...	...
acres...	104	...	...	...	...	...	...	...	...	...	...
Irrigation or drainage organizations.....farms reporting...	18	6	...	...	...	...	...	...	...	...	...
acres...	5,155	848	...	...	...	...	...	...	...	...	...
Other sources.....farms reporting...	...	...	...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...	...	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED											
Hay and seed crops.....total acres...	10,107	4,692	28	380	3	...	10	...	...	125	...
Irrigated 1 time.....acres...	5,053	2,196	28	280	...	...	...	...	...	27	...
Irrigated 2 times.....acres...	3,995	1,708	...	100	...	...	10	...	...	98	...
Irrigated 3 times.....acres...	246	...	...	...	3	...	...	...	...	...	...
Irrigated 4 times.....acres...	63	38	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	750	750	...	...	...	...	...	...	...	...	...
Field crops other than hay and seed crops....total acres...	815,827	158,994	6,715	13,712	15,001	937	34,932	47	7,189	56,712	25,530
Irrigated 1 time.....acres...	156,887	28,412	1,430	1,897	2,535	170	4,544	47	818	9,345	4,081
Irrigated 2 times.....acres...	202,159	42,789	396	1,281	3,878	400	11,989	...	1,425	9,989	5,680
Irrigated 3 times.....acres...	61,865	13,589	472	648	1,922	200	2,142	...	247	1,551	2,920
Irrigated 4 times.....acres...	8,700	1,180	...	500	143	...	7	...	...	615	1,134
Irrigated 5 or more times.....acres...	2,888	340	...	...	86	...	...	...	...	67	381
Times irrigated not reported.....acres...	383,328	72,684	4,417	9,386	6,437	167	16,250	...	4,699	35,145	11,334
Vegetables.....total acres...	3,140	6	...	3	11	...	3	1,573	...	408	1
Irrigated 1 time.....acres...	629	...	...	...	...	...	...	115	...	20	1
Irrigated 2 times.....acres...	1,265	3	...	...	5	...	3	762	...	358	...
Irrigated 3 times.....acres...	584	3	...	...	3	...	...	266	...	30	...
Irrigated 4 times.....acres...	321	...	...	...	3	...	...	230	...	...	...
Irrigated 5 or more times.....acres...	325	...	...	...	...	...	...	200	...	...	...
Times irrigated not reported.....acres...	16	...	...	3	...	...	...	...	...	...	...
Berries and small fruits.....total acres...	846	1	...	...	20	...	102	50	...	5	...
Irrigated 1 time.....acres...	18	...	...	...	...	...	...	...	...	5	...
Irrigated 2 times.....acres...	107	1	...	...	...	...	41	...	...	...	...
Irrigated 3 times.....acres...	117	...	...	...	...	...	16	35	...	...	...
Irrigated 4 times.....acres...	236	...	...	...	...	...	36	15	...	...	...
Irrigated 5 or more times.....acres...	354	...	...	...	20	...	4	...	...	...	...
Times irrigated not reported.....acres...	14	...	...	...	...	...	5	...	...	...	...
Tree fruits, nuts, and grapes.....total acres...	394	...	...	...	...	...	...	...	...	3	...
Irrigated 1 time.....acres...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	390	...	...	...	...	...	...	...	...	...	...
Irrigated 3 times.....acres...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	4	...	...	...	...	...	...	...	...	3	...
Other crops.....total acres...	9,054	804	3	993	74	310	125	...	2	206	113
Irrigated 1 time.....acres...	3,159	610	...	100	33	300	8	...	...	51	62
Irrigated 2 times.....acres...	4,074	186	3	73	...	...	63	...	...	55	3
Irrigated 3 times.....acres...	1,330	...	...	800	29	...	30	...	2	...	48
Irrigated 4 times.....acres...	30	...	...	...	12	10	...	...	...	...	...
Irrigated 5 or more times.....acres...	183	...	...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	278	8	...	20	...	...	24	...	...	100	...
MAJOR INDIVIDUAL CROPS IRRIGATED											
Corn for all purposes.....farms reporting...	276	13	3	7	18	...	17	1	1	9	22
acres...	6,785	96	138	604	264	...	293	7	13	169	462
Rice.....farms reporting...	3,211	614	22	40	71	1	168	...	24	319	65
acres...	375,973	70,514	4,417	9,386	6,056	167	15,665	...	4,699	35,073	11,331
Soybeans.....farms reporting...	1,831	440	14	9	66	4	101	1	4	108	53
acres...	263,004	83,510	1,464	1,981	4,621	480	15,723	40	424	15,778	4,333
All hay cut.....farms reporting...	94	33	1	3	1	...	1	...	...	6	...
acres...	6,553	3,074	28	380	3	...	10	...	...	125	...
Pasture.....farms reporting...	144	16	1	6	5	1	7	...	1	6	6
acres...	8,702	566	3	993	74	300	105	...	2	206	113
Cotton.....farms reporting...	2,354	153	9	21	94	2	91	...	12	115	92
acres...	166,690	4,391	696	1,741	4,058	290	3,189	...	2,053	5,357	9,399

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	Drew	Greene	Independ-ence	Jackson	Jefferson	Lafayette	Lawrence	Lee	Lincoln	Lonoke	Miller
ARKANSAS											
Farms reporting irrigation.....number...	26	59	10	229	250	16	95	109	153	583	15
Land irrigated.....acres...	9,114	5,480	745	28,661	47,859	3,193	9,646	17,608	27,996	99,117	1,863
ACRES IRRIGATED BY SOURCE OF WATER											
Wells.....farms reporting...	19	56	8	216	220	16	89	105	122	545	11
acres...	5,783	5,291	622	26,631	39,286	3,076	9,403	15,927	19,327	90,298	1,314
Natural streams and rivers.....farms reporting...	9	1	2	16	51	...	5	4	53	51	1
acres...	2,107	109	123	1,461	4,165	...	183	213	6,426	4,489	177
Springs and seepage.....farms reporting...	...	...	...	1	4	...	...	1	...	1	2
acres...	...	...	...	26	866	...	...	16	...	30	331
Farm runoff.....farms reporting...	3	1	...	3	11	1	2	4	4	19	1
acres...	836	2	...	285	902	43	19	1,140	499	1,969	1
Natural lakes and ponds.....farms reporting...	3	...	...	1	20	1	1	...	8	17	1
acres...	388	...	...	8	1,715	33	35	...	253	766	40
Drainage ditches.....farms reporting...	...	4	...	6	9	1	1	1	10	19	...
acres...	...	78	...	250	925	41	6	7	1,416	1,565	...
Municipal water supply systems.....farms reporting...	...	...	...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...	...	...	...
Irrigation or drainage organizations.....farms reporting...	...	...	...	...	...	...	...	3	1	...	...
acres...	...	...	...	...	...	...	...	305	75	...	...
Other sources.....farms reporting...	...	...	...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...	...	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED											
Hay and seed crops.....total acres...	...	...	...	42	...	50	40	6	200	1,397	...
Irrigated 1 time.....acres...	...	...	...	42	...	10	40	6	200	814	...
Irrigated 2 times.....acres...	...	...	...	...	...	...	...	...	...	583	...
Irrigated 3 times.....acres...	...	...	...	...	...	40	...	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...	...	...
Field crops other than hay and seed crops....total acres...	9,124	5,474	744	28,672	47,222	2,907	9,590	17,329	27,764	94,935	1,820
Irrigated 1 time.....acres...	3,401	627	110	5,361	16,457	346	2,098	3,684	4,219	10,511	390
Irrigated 2 times.....acres...	619	776	25	4,780	11,589	485	1,166	4,882	6,481	36,587	470
Irrigated 3 times.....acres...	201	276	...	427	4,320	1,149	157	509	5,523	13,110	66
Irrigated 4 times.....acres...	...	...	54	60	297	...	200	86	458	2,030	325
Irrigated 5 or more times.....acres...	...	15	...	...	204	93	...	80	736	680	...
Times irrigated not reported.....acres...	4,903	3,780	555	18,044	14,355	834	5,969	8,088	10,347	32,017	569
Vegetables.....total acres...	1	...	...	40	34	...	...	201	2	4	...
Irrigated 1 time.....acres...	...	...	...	...	25	...	...	201	...	...	...
Irrigated 2 times.....acres...	...	...	...	...	9	...	...	...	...	...	...
Irrigated 3 times.....acres...	...	...	...	...	...	...	...	...	2	1	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	40	...	...	...	...	...	3	...
Times irrigated not reported.....acres...	1	...	...	...	...	...	...	...	...	...	...
Berries and small fruits.....total acres...	...	5	...	...	...	...	13	...	...	13	...
Irrigated 1 time.....acres...	...	...	...	...	...	...	4	...	...	...	...
Irrigated 2 times.....acres...	...	3	...	...	...	...	7	...	...	...	...
Irrigated 3 times.....acres...	...	2	...	...	...	...	2	...	...	4	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...	...	6	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...	3	...
Tree fruits, nuts, and grapes.....total acres...	...	...	...	...	150	...	...	...	...	...	...
Irrigated 1 time.....acres...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	...	...	...	...	150	...	...	...	...	...	...
Irrigated 3 times.....acres...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...	...	...
Other crops.....total acres...	89	7	...	48	112	236	201	260	8	3,303	48
Irrigated 1 time.....acres...	89	...	...	41	82	...	113	223	8	338	46
Irrigated 2 times.....acres...	...	...	...	...	30	40	80	34	...	2,895	...
Irrigated 3 times.....acres...	...	7	...	7	...	121	...	...	...	10	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	8	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	75	...	...	...	40	2
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	3	...	20	...
MAJOR INDIVIDUAL CROPS IRRIGATED											
Corn for all purposes.....farms reporting...	4	3	...	5	21	3	2	7	12	24	2
acres...	225	40	...	148	646	235	45	85	330	596	31
Rice.....farms reporting...	14	48	7	187	90	6	75	83	50	273	5
acres...	4,903	3,778	555	17,916	14,341	834	5,968	7,878	10,231	30,469	569
Soybeans.....farms reporting...	6	18	1	66	71	1	36	39	30	249	...
acres...	1,415	1,036	54	7,047	8,140	160	2,929	5,500	2,180	30,719	...
All hay cut.....farms reporting...	...	...	...	2	...	2	1	1	1	7	...
acres...	...	...	...	42	...	50	40	6	200	891	...
Pasture.....farms reporting...	1	1	...	3	4	4	5	9	1	18	1
acres...	89	7	...	48	112	236	201	260	8	3,303	46
Cotton.....farms reporting...	13	21	3	99	192	10	30	75	129	400	11
acres...	2,581	355	135	3,547	23,729	1,663	647	3,846	15,023	32,824	1,220

County Table 1.–FARMS REPORTING, ACRES IRRIGATED BY SOURCE OF WATER; ACRES OF CROPS BY NUMBER OF TIMES IRRIGATED, AND CROPS IRRIGATED, FOR STATES AND SELECTED COUNTIES: 1960–Continued

Item (For definitions and explanations, see text)	Miss-issippi	Monroe	Perry	Phillips	Poinsett	Prairie	Pulaski	Randolph	St. Francis	White	Woodruff
ARKANSAS											
Farms reporting irrigation.....number...	46	201	5	35	313	338	42	24	203	24	346
Land irrigated.....acres...	8,153	28,638	1,386	7,546	58,032	66,306	3,437	3,413	30,925	2,370	42,380
ACRES IRRIGATED BY SOURCE OF WATER											
Wells.....farms reporting...	39	195	1	32	286	307	33	21	191	15	337
acres...	6,309	26,288	50	7,127	54,561	52,242	2,752	2,445	28,971	1,863	40,407
Natural streams and rivers.....farms reporting...	2	9	4	1	15	26	11	8	13	6	10
acres...	140	290	1,336	40	1,135	3,727	375	833	846	425	982
Springs and seepage.....farms reporting...	1	1	...	1	...	1	...	...	4	...	...
acres...	36	226	...	148	...	156	...	...	489	...	...
Farm runoff.....farms reporting...	...	10	...	3	15	30	1	1	2	5	4
acres...	...	1,171	...	213	1,595	3,706	2	15	110	82	617
Natural lakes and ponds.....farms reporting...	3	5	...	1	1	6	6	...	6	...	4
acres...	384	335	...	6	4	1,107	308	...	424	...	345
Drainage ditches.....farms reporting...	8	4	...	1	10	20	...	1	8	...	2
acres...	1,284	328	...	12	737	1,441	...	120	85	...	29
Municipal water supply systems.....farms reporting...	...	...	...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...	...	...	...
Irrigation or drainage organizations.....farms reporting...	...	...	...	...	...	9	...	...	...	...	...
acres...	...	...	...	...	...	3,927	...	...	...	...	...
Other sources.....farms reporting...	...	...	...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...	...	...	...
CROPS IRRIGATED BY NUMBER OF TIMES IRRIGATED											
Hay and seed crops.....total acres...	...	108	13	...	796	1,372	66	...	485	5	109
Irrigated 1 time.....acres...	...	108	...	...	256	805	...	...	135	...	85
Irrigated 2 times.....acres...	...	...	13	...	540	502	66	...	350	...	...
Irrigated 3 times.....acres...	...	...	...	...	...	65	...	...	...	...	24
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...	...	5	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...	...	...
Field crops other than hay and seed crops....total acres...	7,898	28,520	1,372	7,319	57,259	64,219	3,223	3,434	30,279	2,233	41,638
Irrigated 1 time.....acres...	4,777	4,730	400	1,098	12,805	11,659	679	506	5,102	417	13,340
Irrigated 2 times.....acres...	1,461	9,872	...	1,718	9,052	15,894	1,973	1,120	5,828	672	8,442
Irrigated 3 times.....acres...	572	2,391	24	792	711	3,571	175	...	1,853	...	2,099
Irrigated 4 times.....acres...	...	544	...	170	28	149	...	...	465	...	102
Irrigated 5 or more times.....acres...	...	12	...	...	...	...	...	...	125	37	32
Times irrigated not reported.....acres...	1,088	10,971	948	3,541	34,663	32,946	396	1,808	16,906	1,107	17,623
Vegetables.....total acres...	91	...	...	...	5	...	258	...	...	1	...
Irrigated 1 time.....acres...	76	...	...	...	1	...	28	...	...	...	...
Irrigated 2 times.....acres...	15	...	...	...	...	...	59	...	...	...	...
Irrigated 3 times.....acres...	...	...	...	...	3	...	114	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	10	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	47	...	...	1	...
Times irrigated not reported.....acres...	...	...	...	...	1	...	...	...	...	...	...
Berries and small fruits.....total acres...	122	...	...	...	3	...	...	...	...	163	283
Irrigated 1 time.....acres...	2	...	...	...	...	...	...	...	...	2	5
Irrigated 2 times.....acres...	31	...	...	...	...	...	...	...	...	19	2
Irrigated 3 times.....acres...	...	...	...	...	3	...	...	...	...	18	31
Irrigated 4 times.....acres...	89	...	...	...	...	...	...	...	...	56	20
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...	...	66	225
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...	2	...
Tree fruits, nuts, and grapes.....total acres...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 1 time.....acres...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 2 times.....acres...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 3 times.....acres...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	...	...	...	...	...	...
Other crops.....total acres...	40	160	...	120	72	765	55	...	180	16	375
Irrigated 1 time.....acres...	...	...	...	...	...	655	50	...	90	...	230
Irrigated 2 times.....acres...	40	160	...	...	38	50	5	...	90	...	125
Irrigated 3 times.....acres...	...	...	...	120	34	...	...	...	...	16	...
Irrigated 4 times.....acres...	...	...	...	...	...	...	...	...	...	...	...
Irrigated 5 or more times.....acres...	...	...	...	...	...	...	...	...	...	...	...
Times irrigated not reported.....acres...	...	...	...	...	...	60	...	...	...	...	20
MAJOR INDIVIDUAL CROPS IRRIGATED											
Corn for all purposes.....farms reporting...	7	10	...	5	8	15	2	1	11	4	17
acres...	434	147	...	59	64	213	79	120	332	21	470
Rice.....farms reporting...	7	94	5	14	273	304	5	18	161	8	152
acres...	1,088	10,941	948	3,541	34,044	32,522	396	1,808	16,876	1,107	16,606
Soybeans.....farms reporting...	13	53	2	2	95	194	8	11	47	3	76
acres...	736	6,452	320	77	18,536	30,076	572	1,021	5,982	482	10,533
All hay cut.....farms reporting...	...	2	1	...	3	15	1	...	5	1	2
acres...	...	108	13	...	246	962	66	...	185	5	39
Pasture.....farms reporting...	1	3	...	1	3	9	2	...	7	...	7
acres...	40	160	...	120	72	740	55	...	180	...	375
Cotton.....farms reporting...	35	153	2	25	81	52	32	12	114	8	254
acres...	5,540	9,888	104	3,642	4,615	1,281	2,176	485	7,074	621	13,986

APPENDIX

The Questionnaire

Form 60 I-20 (8-30-60)

This survey is authorized by Act of Congress, United States Code, Title 13, Sections 5, 9, 142, 221, 222, 224, requiring that the inquiries be answered completely and accurately, and guaranteeing that the information furnished be accorded confidential treatment. *The survey report cannot be used for purposes of taxation, investigation, or regulation.*

Budget Bureau No. 41-6061
Approval expires June 30, 1961

I-20

U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE OPERATIONS OFFICE
PARSONS, KANSAS

1960

SURVEY OF IRRIGATION IN HUMID AREAS

1. Name and address.

2. According to the records obtained for your place in the 1959 Census of Agriculture, some land farmed by you was irrigated in 1959. This report is being sent to you for the purpose of obtaining information on farm irrigation in 1960. If you do not now operate a farm, please give below, the name and address of the person who is the present operator of the farm you operated in 1959:

   Name _____

   Address _____

3. Was any land on the farm or place you operate, irrigated in 1960? ..... No ☐ Yes ☐

   If "Yes" answer questions 4 through 17.

   If "No" sign your name under question 17 and mail this questionnaire.

OWNERSHIP

4. How many acres do you **own**? ... None ☐ Acres _____
   (Include all land and tracts of land owned, regardless of where located. Include cropland, pastureland, and woodland.)

5. How many acres do you **rent** from others? Include land worked on shares ..... None ☐ Acres _____
   (Include cropland, pastureland, woodland, and wasteland.)

6. How many acres do you **manage** for others? ..... None ☐ Acres _____

7. How many acres do you **rent to others**? ..... None ☐ Acres _____
   (Include here any fields or hay land rented to others. Also include land worked on shares by others.)

8. **Acres in the place you operated this year**..... _____ (acres)
   (Add acres for questions 4, 5, and 6, and subtract acres for question 7.)

Office use only

C

The following questions refer to the *acres in this place* that you entered for question 8.

9. What was the **total acreage** of land **irrigated** on this place (the land reported in question 8) in 1960? ..... Acres _____

10. In what year was irrigation begun on this place (the land reported in question 8)? ..... _____ (year)

11. How many **constructed ponds, pits,** dugouts, or **constructed reservoirs** of any kind for storing irrigation water are there on this place? ..... _____ (number)

12. **SOURCE OF WATER** (If water was obtained from a constructed reservoir of any kind, check the source of water for the reservoir.)

(a) What was the source of the water used for irrigation in 1960? (Mark **X** for each source from which water was used.)	(b) What was the percent of the total irrigation water which came from each source?
☐ Wells	_____ %
☐ Natural streams and rivers	_____ %
☐ Springs and seepage (not from streams)	_____ %
☐ Farm runoff (not from streams)	_____ %
☐ Natural lakes and natural ponds	_____ %
☐ Drainage ditches	_____ %
☐ City, town, or community water supply	_____ %
☐ Purchased from irrigation or drainage company or district	_____ %
☐ Other (Describe) _____	_____ %
Total	100%

13. **METHOD OF IRRIGATION**

(a) What method was used to apply water to the land in 1960?

(b) How many acres were irrigated by each method in 1960?

Acres

- ☐ Portable pipe and sprinklers ..... _____
- ☐ Fixed overhead irrigation ..... _____
- ☐ Furrows or ditches ..... _____
- ☐ Flooding ..... _____
- ☐ Sub-irrigation ..... _____
- ☐ Other (Describe) _____ _____

14. What type or types of power did you use for pumping?

(1) ☐ Gas engine (3) ☐ Electric motor (V) ☐ None

(2) ☐ Diesel engine (4) ☐ Tractor

15. What crops were irrigated during 1960?

(For each crop, answer these questions.)

	How many acres were irrigated? (Report tenths of acres)		How many times was this crop irrigated?
	Acres	*Tenths*	
a. Corn (except sweet corn and popcorn)? ..... (001)			
b. Tobacco? ..... (081)		/10	
c. Irish potatoes? ..... (079)		/10	
d. Snap beans? ..... (110)		/10	
e. Sweet corn? ..... (108)		/10	
f. Tomatoes? ..... (107)		/10	
g. Strawberries? ..... (144)		/10	
h. Hay? ..... (040)			
i. Pasture? ..... (205)			
j. Nursery and flower crops? .. (199)		/10	
Other crops? (Apples, celery, cotton, sweet-potatoes, etc.)			
k. _____		/10	
l. _____		/10	
m. _____		/10	
n. _____		/10	
o. _____		/10	
p. _____		/10	
q. _____		/10	
r. _____		/10	

C B C B

16. Have you used irrigation for any of the following:

(a) Preventing frost damage? ..... No ☐ Yes ☐

(b) Applying fertilizer materials? ..... No ☐ Yes ☐

(c) Easier land preparation? ..... No ☐ Yes ☐

(d) Other? (Describe) _____ Yes ☐

C

REMARKS

17. Name and address of person who can provide information regarding this report.

Name	Telephone No.
Post Office	
Date	Signature
County	State

Form 60-02-443
(8-11-60)

U.S. DEPARTMENT OF COMMERCE
Bureau of the Census
Agriculture Division

TRANSCRIPTION AND CONTROL CARD
Survey of Irrigation in Humid Areas—1960

1. Number

(State) (County) (Card)

Undelivered: [1] ___

Remailed: Date _____

Undelivered: [2] ___

2. Name and address

Request No.	Date received
1	
2	
3	
4	
5	

3. MCD code	4. A-1 number	5. Tenure code	6. Type code

7. Acres in place Q. 203	8. Acres cropland harvested Q. 204	9. Acres irrigated Q. 213

Satisfactory ____ ☐

Remailed: Date _____

Assign for enumeration

Yes ☐ No ☐

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