UNITED STATES DEPARTMENT OF COMMERCE

JESSE H. JONES, Secretary

BUREAU OF THE CENSUS

J. C. CAPT, Director (Appointed May 22, 1941)

WILLIAM LANE AUSTIN, Director (Retired January 31, 1941)

PHILIP M. HAUSER, Assistant Director

SIXTEENTH CENSUS OF THE UNITED STATES : 1940

AGRICULTURE

HANDBOOK

Descriptions and Illustrations of the Uses of Agriculture Census Statistics in Education, Business, Research, and Visual Analysis; with Explanations of the Technique of Tabulation and Procedures

Prepared under the supervision of

ZELLMER R. PETTET

Chief Statistician for Agriculture

UNITED STATES

GOVERNMENT PRINTING OFFICE

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Vital Statistics—HALBERT L. DUNN, *Chief Statistician.*

SIXTEENTH CENSUS OF THE UNITED STATES: 1940

Reports on Agriculture, Irrigation, and Drainage[1]

Volume I.—Statistics by Counties for Farms and Farm Property, with Related Information for Farms and Farm Operators; Livestock and Livestock Products; and Crops (six parts).

Part 1.—New England, Middle Atlantic, and East North Central States
Part 2.—West North Central States
Part 3.—South Atlantic States
Part 4.—East South Central States
Part 5.—West South Central States
Part 6.—Mountain and Pacific States

Volume II.—Statistics by Counties for Value of Farm Products, Farms Classified by Major Source of Income, and Farms Classified by Total Value of Products (three parts).

Part 1.—Northern States
Part 2.—Southern States
Part 3.—Western States

Volume III.—General Report—Statistics by Subjects for the United States, Geographic Divisions, and States (one volume).

Chapter I.—Farms and Farm Property
Chapter II.—Size of Farms
Chapter III.—Color, Tenure, and Race of Farm Operator
Chapter IV.—Farm Mortgages and Farm Taxes
Chapter V.—Work Off Farm, Age, and Years on Farm
Chapter VI.—Cooperation, Labor, Expenditures, Machinery, Facilities, and Residence
Chapter VII.—Livestock and Livestock Products
Chapter VIII.—Field Crops and Vegetables
Chapter IX.—Fruits and Nuts, and Horticultural Specialties
Chapter X.—Value of Farm Products

United States Summary Bulletins.—Statistics for the United States, Geographic Divisions, and States in condensed form as follows:

First Series Summary—Number of Farms, Uses of Land, Values, Principal Classes of Livestock and Livestock Products; and Specified Crops Harvested.
Second Series Summary—Farm Mortgages, Taxes, Labor, Expenditures, and Miscellaneous Farm Information; Goats and Mohair; and Fruits, Vegetables, and Minor Crops.
Third Series Summary—Value of Farm Products, Farms Classified by Major Source of Income, and Farms Classified by Total Value of Products.

Territories and Possessions.—Farms and Farm Property, Livestock and Livestock Products, and Crops (one volume). (Separate agricultural bulletins are available for Hawaii and Puerto Rico.)

Territories: Alaska, Hawaii
Possessions: American Samoa, Guam, Puerto Rico, Virgin Islands of the United States

Irrigation of Agricultural Lands.—Statistics by Drainage Basins and by Counties for 20 Irrigation States and a Summary for the United States (one volume).

Twenty Separate State Maps Showing Irrigation by Drainage Basins.
A Separate Composite Map Showing Irrigation by Drainage Basins.

Drainage of Agricultural Lands.—Statistics for 38 Drainage States with County Data for 36 States and a Summary for the United States (one volume).

A Separate Map of the United States Showing Location of Land in Drainage Enterprises for 38 States.

SPECIAL STUDIES AND MONOGRAPHS

Special Poultry Report.—Statistics by Geographic Divisions and States for Poultry of All Kinds on Hand and Raised; by Counties for Chickens and Chicken Egg Production by Number of Chickens on Hand; and by Counties for Farms Reporting Chickens and Turkeys Raised by Numbers Raised (one volume).

Cows Milked and Dairy Products.—Number of Cows Milked, Milk Produced, Disposition of Dairy Products, and Number of Cows Kept Mainly for Milk Production, Classified by Number of Cows Milked, by Counties; with Related Data for Other Classes of Livestock and Livestock Products for the States and also for the United States (one volume).

Special Cotton Report.—Cotton Harvested by Number of Bales Harvested, and by Counties, with Acreage and Production of Cotton, and Value of Farm Products (one volume).

Special Cross-Line Acreage Report.—Farms Reporting and Acreage by Place of Enumeration and by Location of Acreage, with Relationship to All Farms, by Counties: 1940 and 1935 (one volume).

Abandoned or Idle Farms—Number and Acreage, with Classification of Those Reporting Acreage by Cause of Nonoperation and by Year of Abandonment, by States and by Counties, with a Summary for the United States.

Drainage Monograph.—A Comparison of Agriculture Within and Outside of Drainage Enterprises in the Alluvial Lands of the Lower Mississippi Valley (paper bound).

Irrigation Monograph.—A Tabular and Graphic Presentation of Specified Irrigation Census Statistics (paper bound).

[1] Agriculture volumes I and II and the volumes "Irrigation of Agricultural Lands" and "Drainage of Agricultural Lands" are comprised of State bulletins. Separate bulletins for each State are available. Separate chapters of Agriculture volume III are also available.

CONTENTS

	Page
Introduction	1
Chapter I.—Technique of Tabulation and Procedures	3
Chapter II.—Uses of Agriculture Census Statistics in Education	147
Chapter III.—Uses of Agriculture Census Statistics in Business and Research (including farmers and cooperatives)	199
Chapter IV.—Visual Analysis—A Means of Exploration in Statistical Research	225

INTRODUCTION

INTRODUCTION — CENSUS OF AGRICULTURE HANDBOOK

With the urgent need for exact basic information on everything pertaining to food production, even the 20,000 pages of statistics in the 17 volumes of the Agriculture Census, 1940, are not sufficient. Numerous Government agencies and multitudes of business firms and private individuals demand all available data. If these data are not included in the Bureau of the Census Agriculture publications, these parties desire to know how or where the information may be obtained. Many want to know whether the material may be secured in greater detail—for tenure, size, income groups, etc.—than that included in the available publications and if tabulations or cross tabulations can be made from the 81,000,000 agricultural punch cards to solve their problems or meet the demands which are troubling them.

The inquirers are first referred to the Agriculture Census publications, with which they may not be familiar. If these publications do not carry the data desired, it is usually necessary to furnish the inquirer with a set of punch cards and numerous machine-tabulation sheets that he may understand the Bureau of the Census method sufficiently well to describe the special data which he desires. In presenting descriptive matter in the most convenient form, at the Census of 1935 a condensed reproduction of the punch cards and the machine-tabulation sheets was made in a booklet entitled, "A Descriptive Supplement—Technique of Tabulation." Notwithstanding that this publication was of a technical nature, more than 3,000 copies were furnished upon requests, which resulted in many orders for special tabulations. The demand for similar data in 1940 is the principal reason for the preparation of this Handbook, for the experience in 1935 indicates that the Bureau should go much further than a mere description of the technical phases of the work.

Many requests have come to the Bureau for samples of special tabulations and other descriptive matter to show how certain information may be obtained, also for samples of the actual use made of the statistics to help in determining whether such material could be used to advantage, or to determine whether special tabulations might help in solving perplexing problems.

A number of useful articles have been prepared by agencies other than the Bureau of the Census, showing the use which they have actually made of Census material, the methods which they employed, and other pertinent information. Among those who had prepared such articles were H. E. Childs, Supervisor of Visual Education in the public schools of Providence, Rhode Island; Prof. E. B. Hill, Farm Management Department, Michigan State College; and Dr. F. W. Lathrop, Specialist in Agricultural Education, of the United States Office of Education. Other persons or agencies whose projects illustrate the uses made of Agriculture Census data are named in chapters III and IV of this publication.

This book has been arranged in four chapters—(I) Technique of Tabulation and Procedures; (II) Uses of Agriculture Census Statistics in Education; (III) Uses of Farm Statistics for Business and Research (including farmers and cooperatives); and (IV) Visual Analysis—A Means of Exploration in Statistical Research.

Chapter IV describes a method, for the use of researchers, called Exploratory Analysis, that will enable the researcher to make an exploration of the interrelationship of significant items desired for the study and which will aid in determining what tabulations should be made, either on a universal or on a sample basis. Preparations are being made for further tabulations on a sample basis which will show the usefulness of that type of research, and which can be made at much lower cost than complete tabulations.

To summarize: It is the purpose of this booklet to show the detailed information that may be obtained from the huge store of data of the Agriculture Census and to offer helpful examples of the uses made of it by leading educators, business men, farm cooperatives, and the general public.

Relatively few samples of tables have been offered as examples, inasmuch as the regular Bureau of the Census publications contain such information, and since these publications are available, at a very low cost from the Superintendent of Documents, Government Printing Office, Washington, D. C., or may be consulted in almost any library. A price list of these publications will be found in chapter II, or they may be obtained, if free copies are still available, by writing to the Bureau of the Census, Department of Commerce, and mentioning this Handbook.

Particular attention is called to the graphic presentations, such as maps, graphs, and charts, which convey information more readily than the usual statistical tables.

Various members of the Division of Agriculture staff of the Bureau of the Census have prepared the material for these chapters. These members include H.E. Robison and Lois Hutchison who prepared chapter I on Technique of Tabulation and Procedures; Lois Hutchison, chapter II on Uses of the Data in Education; Z. R. Pettet and Irvin Holmes, chapter III on Business and Research; C. R. Nyman, chapter IV on Exploratory Analysis; and H. A. Tucker, arrangement and presentation of the material.

CHAPTER I. TECHNIQUE OF TABULATION AND PROCEDURES

CONTENTS

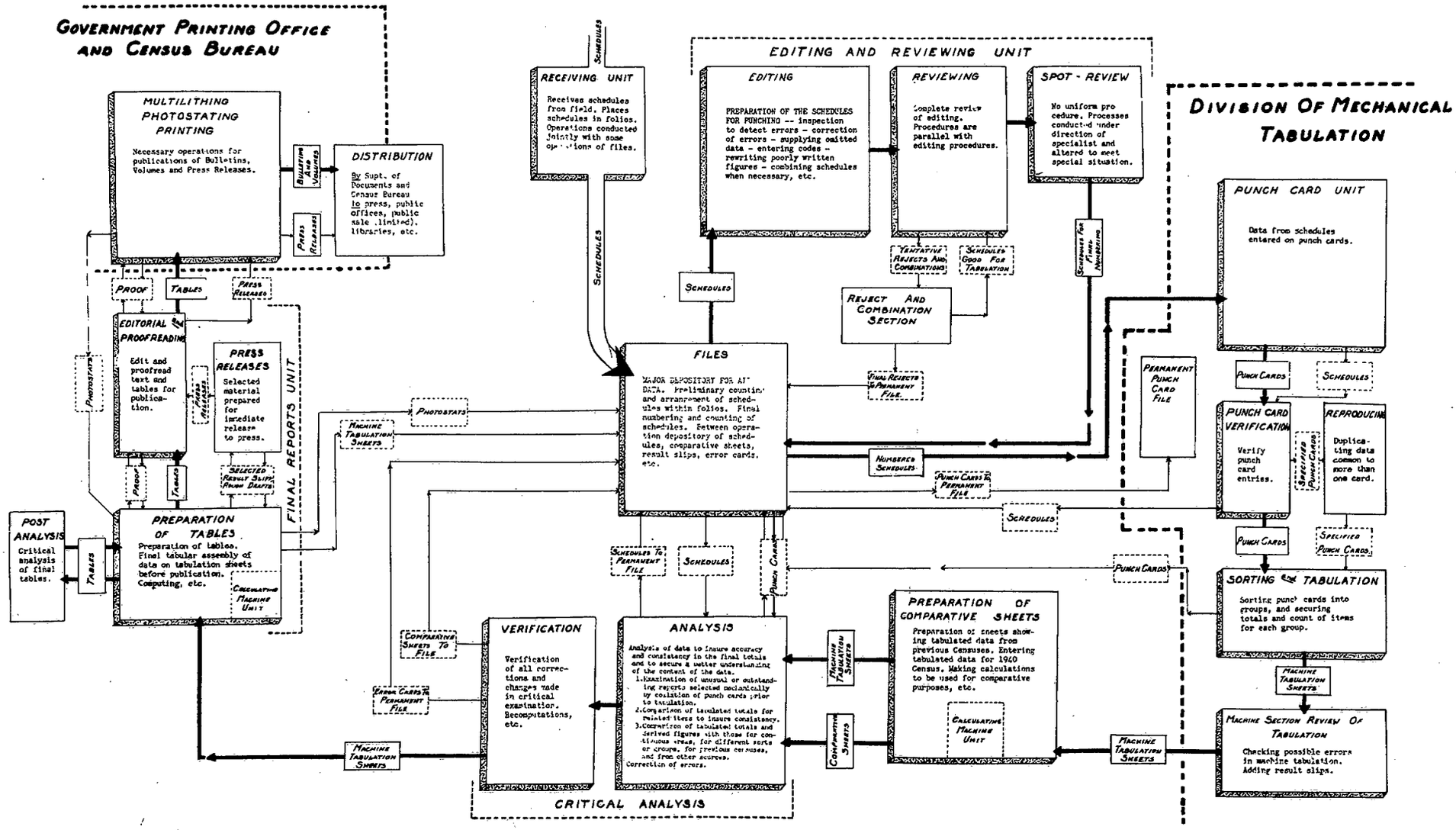
	Page
Introduction	7
Farm and Ranch Schedule	7
Preparation of 1940 Farm and Ranch Schedule	7
Regionalization of the Farm and Ranch Schedule	29
Method of canvass	29
Office handling of schedules	29
Punch cards	33
Design of cards	33
Number of punch cards required	33
Punching	41
Gang punching size and value-of-products codes	41
Reproduction punching	41
P card extensions	41
Selection and analysis of unusual reports	47
Selection of unusual reports	47
Analysis of unusual reports	47
Machine tabulations	49
Sorting	49
Tabulating	49
Result slips	49
Summary tabulations	49
Critical analysis of result slips	49
Publication of the data	88
Preparation of the tables	88
Publications	117
Censuses of Plantations, Irrigation, Drainage, and United States Territories and Possessions	123

ILLUSTRATIONS

	Page
Flow chart	6
Farm and Ranch Schedule facsimiles	8
Schedule files	28
Composite Farm and Ranch Schedule (crop portion only)	30
Punch card facsimiles	34
Electric card punch machine	40
Geographic codes punched from M.C.D. separation sheet	42
Punching the A card	43
Punching the L card	44
Reproduction punching	45
Collator	46
The L listing sheet and collation specifications	48
Sorter	50
Tabulator	51
Critical analysis	52
Result slips (facsimiles)	53
Summary cards and result slips	79
Critical analysis forms	83
County table forms	89
M.C.D. tables	115
Examples of published data	118
Plantations, Irrigation, Drainage, Territories and Possessions (facsimiles of schedules and cards)	124

UNITED STATES CENSUS OF AGRICULTURE - 1940

FLOW CHART



TECHNIQUE OF TABULATION AND PROCEDURES

Introduction.—Presented in this chapter is an outline of the procedures followed in the 1940 Census of Agriculture. In it are described the schedule and its preparation, the method of canvass, and the procedures followed in assembling the data for publication. The mechanics of assembling the data is illustrated through facsimiles of the schedule, punch cards, machine-tabulation sheets, or "result slips," work sheets, table forms, completed tables, and the like.

For the most part, these facsimiles of forms indicate their tie-in with one another, thus making possible the tracing of the reports of items for individual farms to their inclusion in the published totals. The text is limited largely to an explanation of these forms.

Only those tabulations which were undertaken as a part of the regular census are described. Special tabulations made for, or in cooperation with, other Government agencies or for individuals are not shown. Mention of some of these is made in another chapter.

For Plantations, for the Irrigation and Drainage Censuses, and for the Agricultural Censuses for territories and possessions of the United States, only facsimiles of the schedules and punch cards are shown. For these censuses the plans of tabulation were similar to those used for tabulating the data secured on the Farm and Ranch Schedule and, because of the space which would be required, the result slips, table forms, etc., are omitted.

FARM AND RANCH SCHEDULE

Preparation of 1940 Farm and Ranch Schedule.—The Director of the Census, under the Act authorizing the 1930 and subsequent censuses of agriculture, has legal authorization to determine, with the approval of the Secretary of Commerce, the number, form, and subdivisions of inquiries on the schedules. In preparing the 1940 schedule, he not only had the aid of members of his permanent staff, but he also sought the advice and constructive criticism of experts outside his own organization. Of these, special mention should be made of the General Census Advisory Committee consisting of six members appointed from the membership of the American Statistical Association by the Board of Directors and a Special Census Advisory Committee for the 1940 Census of Agriculture designated by the Honorable Daniel C. Roper, then Secretary of Commerce. Members of the Census Advisory Committee were:

Member	Affiliation
Prof. Robert E. Chaddock, Chairman	Columbia University
Dr. Murray R. Benedict	University of California
Mr. Paul T. Cherington	McKinsey and Company
Dr. J. Frederick Dewhurst	Twentieth Century Fund
Dr. William E. Ogburn	University of Chicago
Mr. Willard L. Thorp	Associated Gas and Electric Corporation

Members of the Special Census Advisory Committee for the 1940 Census of Agriculture and their affiliations were:

Member	Representing
Dr. S. H. DeVault (Chairman), Head, Department of Agricultural Economics, University of Maryland.	American Farm Economic Association
Mr. W. F. Callander, Chairman, Crop Reporting Board, Bureau of Agricultural Economics, U. S. Department of Agriculture.	U. S. Department of Agriculture
Mr. W. R. Ogg, Director of Research, American Farm Bureau Federation.	American Farm Bureau Federation
Mr. Fred Brenckman, Washington Representative, The National Grange.	The National Grange
Mr. Harold F. B. Jeunet, Farm Journal.	Agricultural Publishers Association
Mr. H. G. Keeney, Vice-President, National Farmers' Union.	Farmers' Educational and Cooperative Union of America
Mr. Ole A. Negaard, Special Consultant Central Statistical Board.	Central Statistical Board

The Chairman of the latter committee and members located in Washington met frequently and, with the assistance of representatives of the United States Department of Agriculture and of the Bureau of the Census, did much of the spade work in preparing and arranging the questions. The full committee met from time to time to pass judgment on what had been done and to offer suggestions for improvements.

For several years prior to the enumeration, the Bureau of the Census had catalogued all suggestions and criticisms received concerning the nature and form of inquiries and the general make-up of the schedule. These suggestions, most of which had come in voluntarily, were given careful consideration by the committee. Both the full committee and subcommittees made themselves available to all individuals desiring to make personal appearances in support of any inquiries in which they were interested.

In addition to suggestions and criticisms which had been received by the Census Bureau, the committee also had the benefit of the experience of the Bureau gained from previous censuses. Of particular importance in guiding them in the selection, preparation, and arrangement of the questions were the results of a trial census of agriculture taken in 1938. The schedule used for this trial census was prepared by a special advisory committee made up of representatives of the Department of Agriculture, the Central Statistical Board, and the Bureau of the Census. This trial schedule provided a means of testing some of the improvements suggested as well as some of the new inquiries which had been proposed. The enumeration was done by State statisticians of the Department of Agriculture. The statisticians made written reports on all items of interest connected with the enumeration. Included in these reports were comments on the wording and arrangement of the questions, the time required for filling out a schedule, the reaction of the farmers to certain questions, the relative accuracy of replies obtained, and pertinent facts relating to enumeration problems. These comments were very helpful in preparing the 1940 questionnaire.

The number of inquiries considered exceeded by far the physical limitations of a schedule. After careful consideration 232 numbered inquiries, or questions, were decided upon. These included a number of "catch-all" questions providing for the reporting separately of miscellaneous kinds of poultry, and of miscellaneous crops for which reports would be too infrequent to justify separate inquiries on the schedule. One such "catch-all" question was placed at the end of each of the blocks relating to general crops, vegetables harvested for sale, small fruits, orchard fruits, nuts, and citrus fruits. Several unnumbered questions were also included on the schedule under a section entitled "Supplemental Information." These unnumbered questions were designed primarily to assist in appraising or explaining the information reported under the numbered questions. This portion of the schedule included questions on summer fallow, soil-improvement crops, crop failure, and double cropping and provided space for giving any changes in the area of the farm or tenure of the operator and for clarifying any unusual entries in the report.

In order to permit the use of this large number of questions, and to lighten, insofar as possible, the task of both the farmer and enumerator, the schedule was regionalized. Separate inquiries for crops not grown or grown infrequently in a region were omitted on the schedule for that region. Thus, although there was a total of 232 numbered inquiries, the maximum number used on any one schedule was 188.

Provision was made on the schedule for the precoding of several items, as color and race of farm operator, source of electric current, and kind of road adjoining farm. For color and race of operator, six blocks were provided, each block being given a code number, the first digit of which indicated color, that is, white or nonwhite, and the second digit, race. Similarly, for the source of electric current, two blocks were provided and for kind of road, four blocks were provided. The enumerator was instructed to check the blocks which were applicable.

The final draft of the Farm and Ranch Schedule prepared by the Special Census Advisory Committee for the Census of Agriculture was referred to the General Census Advisory Committee for further study. Only a few relatively minor changes were necessitated by the recommendations of the General Committee. In all, seven drafts of the schedule had been prepared and carefully considered before a copy was sent for printing. This does not include numerous drafts of various portions of the schedule.

FARM AND RANCH SCHEDULE

1

CONFIDENTIAL CENSUS REPORT.—Your report is required by Act of Congress. This Act also makes it unlawful for the Bureau to disclose any facts, including population, resources, and business activities. Your

P-S 3-1

The information relating to the name of operator, address, county, and minor civil division is purely hypothetical.

DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS
WASHINGTON
SIXTEENTH CENSUS OF THE UNITED STATES: 1940

FARM AND RANCH SCHEDULE

(Including Special Agricultural Operations)

Inventory Items, April 1, 1940 — Production Items, Calendar Year 1939

I.—FARM OPERATOR, APRIL 1, 1940

		Code
1. Name of person	John Doe	
2. Address (Street or Route No.) (Post office) (State)	Route No. 3 Robie, Ohio	A
3. Age	51 (Note.—Report age and color or race as shown on Population Schedule.)	1
4. Color or race: [Place a check (√) in proper block]	11. √ White, including Mexican; 22. Negro; 23. Indian; 24. Chinese; 25. Japanese; 26. Other (specify)	2
5. Do you reside on this farm? (Yes or No)	Yes	3

II.—FARM TENURE, APRIL 1, 1940

6. If you rent any farm land from others or manage any farm land for others, give names and addresses of the owners of the land and indicate for each owner whether a corporation:

Name ..... Incorporated? ..... (Yes or No)
Address ..... (Street or Route No.) (Post office) (State)
Name ..... Incorporated? ..... (Yes or No)
Address ..... (Street or Route No.) (Post office) (State)

7. What does the landlord furnish as his share in the operation of this farm?	8. What did you agree to pay as rent for the year?	Code
(a) Work animals (All, Part, or None)		B 1
(b) Tractor power (All, Part, or None)		
(c) Fertilizer (All, ½, ⅓, etc., or None)	If cash, give total amount, explaining for what paid, as $530 for entire farm, $30 for 15 acres pasture, $75 for 25 acres hay land, etc.	
(d) Seed (All, ½, ⅓, etc., or None)	If share of crops or of animal increase, give kind and report share in fractions, as ½ corn, ⅓ young animals, ¼ cotton, etc.	
(e) Other (Name and give share)	If definite quantity, give kind and report in bushels, pounds, etc., as 600 bushels wheat, 4 bales cotton, etc.	
	If other rent, specify, as upkeep of farm, keep of landlord, etc.	

9. Do you operate this farm for others as hired manager? (Yes or No) — No

		Code
10. How many acres in this farm do you own?	Acres 75	A 4
11. How many acres in this farm do you rent from others?	Acres	

The sum of Questions 10 and 11 must equal Question 12, unless operated by a hired manager.

III.—FARM ACREAGE, APRIL 1, 1940

The sum of Questions 13 to 18, inclusive, must equal Question 12.

		Code
12. Total number of acres in this farm. Omit from this farm any land now rented to or cropped by others. Include all outlying or separate fields, meadows, pastures, woodland, or waste lands operated by the person whose name is given under Question 1, whether owned, rented from others, or managed for others. Secure a separate schedule for each tenant, renter, or cropper. Suggestion To Enumerator.—Before proceeding with the Farm Acreage, it may be helpful to fill in the information for Column 4 and for the reverse side of schedule.	Acres 75	5 Q 1
13. Land from which crops were harvested in 1939. Include all field crops, all tame and wild hay cut, and gardens, orchards, and vineyards. Do not count the same land twice, even though two crops were harvested from it.	Acres 58	A 6
14. Land from which no crop was harvested in 1939 because of crop failure or destruction. List "planted crops which failed" under Supplemental Information.	Acres	7
15. Cropland lying idle all of 1939 or land in summer fallow in 1939 (omit crop failure and land pastured)	Acres	8
16. Land used ONLY for pasture or grazing in 1939 which could be plowed and used for crops without additional clearing, drainage, or irrigation (omit cropland harvested and hay cut)	Acres 12	9
17. Woodland in this farm. Include as woodland all farm wood lots or timber tracts, natural or planted, and cutover land with young growth, which has or will have value as wood or timber. Omit chaparral and woody shrubs.	Acres	10
18. All other land now in this farm. Include rough pasture land (not woodland pasture), all waste land, also house yards, barnyards, feed lots, lanes, roads, etc.	Acres 5	11

IV.—VALUES, APRIL 1, 1940

		Code
19. Total value of this farm (land and buildings), including farm land and buildings rented from others. Give the amount for which this farm (Question 12) would sell. Include the land actually operated by you as owner, renter, or manager, and all farm buildings and improvements. Omit farm implements and machinery, livestock, and land rented by you to tenants or croppers.	$ 5320 (Omit cents)	A 12
If you own a part, but not all, of this farm— (a) How much of the total amount under Question 19 represents the value of the land and buildings owned by you?	$ (Omit cents)	13
20. Value of all buildings on this farm. Included in answer to Question 19.	$ 1570 (Omit cents)	14
21. Value of farm implements and machinery used in operating this farm, including automobiles, tractors, motortrucks, and trailers (present market value). Include all farm implements; tools; wagons; harnesses; dairy equipment; cotton gins; threshing machines; combines; apparatus for making cider, grape juice, and sirup and for drying fruits; and all other farm machinery. Omit commercial mills and factories; also permanently installed irrigation and drainage equipment.	$ 300 (Omit cents)	15

V.—FARM MORTGAGE DEBT AND FARM TAXES

If you own all or part of this farm—

		Code
22. Was there any mortgage debt on the land and buildings so owned on April 1, 1940?	Yes (Yes or No)	B 2
23. Total amount of outstanding mortgage debt on such land and buildings	$ 3000 (Omit cents)	3
24. What was the annual rate (contract rate) of interest on the first mortgage debt? (Report fractions)	5 (Percent)	4

If you own all or part of this farm—

25. Give amount of taxes levied in 1939 on the REAL ESTATE of this farm owned by you on April 1, 1940 (include buildings and other improvements, but do not include taxes levied by drainage or irrigation districts)	$ 57 (Omit cents)	5
26. Give amount of taxes levied in 1939 on PERSONAL property owned by you on this farm (include livestock, machinery, etc., but do not include automobile taxes, fees, or licenses)	$ 2 (Omit cents)	6

VI.—OTHER LAND OWNED, APRIL 1, 1940

27. Do you own any land in addition to that shown under Question 10? (Do not include residential and nonfarm building sites)	No (Yes or No)	7
28. How many acres of such land are rented or are to be rented this year to others (including that rented to croppers)?	Acres	8

VII.—WORK OFF FARM AND YEARS ON THIS FARM

		Code
29. How many days in 1939 did you work for pay or income off the farm you operated? (If no days, write "None")	Days None	C 1
OF THESE, HOW MANY WERE SPENT— (a) At farm work, not connected with your farm?	Days	2
(b) At nonfarm jobs (including road work and relief or "made" work), businesses, or professions?	Days	3
Note.—Total of (a) and (b) must equal total days worked off the farm.		4
For (b), specify principal nonfarm occupation and industry: Nonfarm occupation (Miner, spinner, proprietor, teacher, foreman, section hand, etc.)	Industry (Coal mine, cotton mill, general store, public school, road work, railroad, W.P.A., C.C.C., N.Y.A., etc.)	
30. Year when you began to operate THIS farm	1920 (Year)	5

VIII.—IRRIGATION

		Code
31. Land from which irrigated crops were harvested in 1939. Do not count land twice, even though two crops were harvested from it.	Acres	A 16
32. Land irrigated in 1939 and used ONLY for grazing or pasture	Acres	17
33. Irrigation enterprise supplying water: If water is not supplied by an irrigation enterprise, explain, as pumped from own well, stream diversion, or city water, etc.		

Name .....
Address ..... (Street or Route No.) (Post office) (State)

FARM AND RANCH SCHEDULE

names or identity, from your census reports. Only sworn census employees will see your statements. Data collected will be used solely for preparing statistical information concerning the Nation's Census Reports Cannot Be Used for Purposes of Taxation, Regulation, or Investigation

SCHEDULE No. 7 2 4

THIS COLUMN FOR OFFICE USE ONLY

CODE

TENURE 1

1. Full owner.
2. Part owner.
3. Manager.
4. Cash tenant.
5. Share-cash tenant.
6. Share tenant.
7. Cropper.
8. Other tenant.

SIZE

1. Under 10.
2. 10–29.
3. 30–49.
4. 50–69.
5. 70–99.
6. 100–139.
7. 140–179.
8. 180–219.
9. 220–259.
10. 260–499.
11. 500–999.
12. 1,000 and over

STATES

Connecticut. Delaware. District of Columbia. Illinois. Indiana. Iowa. Maine. Maryland. Massachusetts. Michigan. Minnesota. New Hampshire. New Jersey. New York. Ohio. Pennsylvania. Rhode Island. Vermont. West Virginia. Wisconsin.

REGION 1

DEFINITION OF A FARM

A farm, for Census purposes, is all the land on which some agricultural operations are performed by one person, either by his own labor alone or with the assistance of members of his household, or hired employees. The land operated by a partnership is likewise considered a farm. A "farm" may consist of a single tract of land, or a number of separate tracts, and the several tracts may be held under different tenures, as when one tract is owned by the farmer and another tract is rented by him. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a farm. Thus, on a plantation the land operated by each cropper, renter, or tenant should be reported as a separate farm, and the land operated by the owner or manager by means of wage hands should likewise be reported as a separate farm.

Include dry-lot or barn dairies, nurseries, greenhouses, hatcheries, fur farms, mushroom cellars, apiaries, cranberry bogs, etc.

Exclude "fish farms," fish hatcheries, "oyster farms," and "frog farms."

Do not report as a farm any tract of land of less than 3 acres, unless its agricultural products in 1939 were valued at $250 or more.

IX.—COOPERATIVE SELLING AND PURCHASING, 1939

Did you, in 1939, transact any business with or through—

34. A cooperative SELLING organization? No (Yes or No) — Code C, 6
35. A cooperative BUYING organization? No (Yes or No) — 7
36. A cooperative SERVICE organization? No (Yes or No) — 8

X.—FARM LABOR

37. Number of workers 14 years old and over and wages paid for farm work on this farm (do not include housework or contract construction work):

CLASS OF LABOR	Number of persons 14 years old and over working the equivalent of 2 or more days the week of— Mar. 24–30, this year	Sept. 24–30, last year	Total cash wages paid for all hired labor in 1939	Code D
	Number	*Number*	*Dollars*	
(a) Operator and unpaid members of his family	2	2	x x x x x x x	1, 2
(b) Labor hired by month			(Omit cents)	3, 4, 5
(c) Labor hired by day or week			(Omit cents)	6, 7, 8
(d) Others (include piece work and contract labor)			(Omit cents)	9, 10, 11

XI.—FARM EXPENDITURES IN 1939

38. Amount expended in 1939 for hay, grain, mill feed, and other products for use as feed for domestic animals and poultry $ 100 (Omit cents) — 12
39. Amount expended in 1939 for purchase of farm implements and machinery, including automobiles, tractors, motortrucks, and trailers $ (Omit cents) — 13
See kinds of machinery listed under Question 21.
40. Amount expended in 1939 for gasoline, distillate, kerosene, and oil for use on this farm $ 20 (Omit cents) — 14
41. Amount expended in 1939 for building materials, including lumber, roofing materials, hardware, cement, paint, fencing material, etc., for use on this farm $ 40 (Omit cents) — 15

	Tons	Cost	Code
42. Commercial fertilizer bought in 1939 for use on this farm (report fractional tons)	2	$ 60 (Omit cents)	16, 17
43. Liming materials—lime, marl, gypsum, etc., bought in 1939 for use on this farm. Underline or give kind.		$ (Omit cents)	16, 19

XII.—FARM MACHINERY AND FACILITIES, APRIL 1, 1940

	Number of units	Year of latest model	Code C
44. Number of automobiles on this farm	1	1931	9, 10
45. Number of motortrucks on this farm			11, 12
46. Number of tractors on this farm	1	1917	13, 14

47. Is there an electric distribution line within ½ mile of the farm dwelling? Yes (Yes or No) — 15
48. If the dwelling is lighted by electricity, check (√) source of current: [1. √ Power line] [2. Home plant] — 16
49. Is there a telephone on this farm? No (Yes or No) — 17
50. Check (√) each kind of road on which this farm is located: [1. Hard-surfaced] [2. √ Gravel, shell, shale, etc.] [3. Improved dirt] [4. Unimproved dirt] — 18

ENUMERATOR'S RECORD AND CERTIFICATE

State Ohio County Floradale E. D. No.

Number of farm in order of visitation

From Population Schedule:
Farm operator's name appears on Sheet No. ; Line No.
Visitation number of farm operator's household
Visitation numbers of other households on this farm
If no dwelling, or if no occupied dwelling, on this farm, give the identification used to designate the place on your map, as: F–1; V–3, F–2; etc.

Minor Civil Division Green Meadows
Give name, also class, as township, town, ward, precinct, district, boat, etc.

If any part of this farm is in another Minor Civil Division, give location and acreage—

M. C. D.	COUNTY	ACRES

If this farm is located—
In surveyed area, give Sec. No. ; Township ; Range
Sec. No. ; Township ; Range
In incorporated place, give name
Enumeration completed by me at {a. m. / p. m.} on the day of , 1940.

(Signed) , Enumerator.

Code: D 20 Q 2, 3, 4, 5

XIII.—SUPPLEMENTAL INFORMATION

Give any changes in the area of this farm or in your tenure since September 1, 1939 (if none, write "None")

Clarify any unusual entries in this report by adequate explanations below. Comment on unusual crops, yields, values, acreages, location and ownership of livestock, etc.:

SUMMER FALLOW

Land in tilled summer fallow in 1939 on which no crop was planted for harvest in 1939 Acres
Include also in Question 15.

SOIL IMPROVEMENT CROPS

Total acres of crops plowed under in 1939 for soil improvement purposes ONLY—not pastured, grazed, hogged, or otherwise harvested (green manure crops). Acres
Cowpeas, soybeans, vetches, rye, etc. Underline or give kind. Include *all* such crops even though another crop was grown on the same land in 1939. That part of this acreage from which no crop of any kind was harvested or grazed in 1939 should also be included under Question 15.

CROP FAILURE

Crops planted for harvest in 1939 which were not harvested because of crop failure, destruction, or low prices (do not consider as failure any crops which were grazed, hogged, or otherwise harvested for any purpose):

Name of first crop planted for harvest in 1939 which failed (1)	If replanted to a crop for harvest in 1939, name of second crop (2)	Acres of first crop which failed (3)	Acres of second crop harvested (4)

Report as reply to Question 14 the sum of acres in Column 3 minus the sum of acres in Column 4.

DOUBLE CROPPING

Crops which were harvested in 1939 in succession from the same acreage:

Name of first crop harvested (1)	Name of second crop harvested (2)	Acres of first crop harvested (3)	Acres of second crop harvested (4)

Interplanted crops which were harvested in 1939:

Name of principal crop (1)	Name of interplanted crop (2)	Acres of principal crop (3)	Acres of interplanted crop (4)

NOTE.—Double cropping must be considered in arriving at your reply to Question 13.

FARM AND RANCH SCHEDULE

OMITTED INQUIRY NUMBERS REPRESENT CROPS WHICH WILL BE INFREQUENTLY REPORTED IN THIS

XIV.—LIVESTOCK, APRIL 1, 1940, AND LIVESTOCK PRODUCTS, 1939

Include animals on this farm or ranch, whether belonging to the farm operator or not, also animals belonging to this farm but grazing in national forests or on open range.

	Total over 3 months old	3- to 27-month-old colts	Code
51. Horses of all kinds, including ponies, April 1, 1940 — Number	2		E 1, 2
52. Mules, April 1, 1940 — Number			3, 4
53. Cattle and calves *over 6 months old*, Apr. 1, 1940 — Number	9		5
Of this number, how many were—			
54. Cows and heifers that were 2 years old and over on January 1, 1940, and are— (a) Kept mainly for milk production? — Number	5		6
(b) Kept mainly for beef production? — Number			7
Cows milked and dairy products, 1939:			
55. Total cows milked during any part of 1939 (include heifers milked) — Number	5		8
56. Milk produced in 1939 (report in gallons: 8.6 pounds=1 gallon) — Gallons	2200		9
Report all milk produced, whether consumed, sold, fed to stock, or otherwise disposed of.			
57. Butter churned on farm in 1939 — Pounds			10

58. Whole milk sold in 1939 — Gallons	59. Cream sold in 1939 (Butterfat content) — Pounds of butterfat	60. Butter sold in 1939 — Pounds	Code
2000			11, 12, 13

		Code
61. Value of all dairy products sold or traded in 1939—milk, cream, butter, cheese, etc. (Omit cents) — $	300	P 1
62. Sheep and lambs *over 6 months old*, April 1, 1940 — Number	12	E 14
Of this number how many were—		
63. Yearling ewes? — Number	10	15
64. Other ewes? — Number	1	16

NOTE.—If this farm has sheep on hand and no wool shorn in 1939, **EXPLAIN.**

65. Sheep and lambs shorn in 1939	Number shorn	Pounds of wool shorn	Code
			17, 18

Report the number of sheep and lambs shorn and not the number of fleeces. If shorn twice, write "Shorn twice."

		Code
66. Hogs *over 4 months old*, April 1, 1940 — Number	31	19
Of this number, how many were—		
67. Sows and gilts that farrowed since Dec. 1, 1939, or will farrow before June 1, 1940? — Number	4	20

68. Animals butchered in 1939 for use on this farm or for sale from this farm — Number	Cattle (excl. calves) 1.	Calves 2.	Hogs and pigs 3.	Sheep and lambs 4.	Code
			4		F 1, 2, 3, 4

69. Goats and kids *over 4 months old*, April 1, 1940 — Number	Angoras	Other	Code
			5, 6
70. Mohair and kid hair clipped in 1939 — Pounds			7
71. Goats milked during any part of 1939 — Number			8

Livestock purchases and sales:	Cattle (excl. calves) 1.	Calves 2.	Hogs and pigs 3.	Sheep and lambs 4.	Code
72. Bought in 1939 — Number	1		3		9, 10, 11, 12
73. Sold alive in 1939 — Number	3	4	26		13, 14, 15, 16

		Code
74. Value of all livestock sold or traded in 1939, except poultry, bees, and fur animals. (Omit cents) — $	400	P 2

NOTE.—If this farm has chickens on hand but raised none or produced no eggs in 1939, **EXPLAIN.**

	Number on hand over 4 months old on April 1, 1940	Number raised in 1939	For office use only	Code
75. Chickens — Number	100	400		G 1, 2
76. Turkeys — Number				3, 4
77. Ducks — Number				5, 6
78. Other (specify)				7, 8

Report seperately geese, guineas, pigeons, quail, pheasants, etc.

		Code
79. Total chickens sold (including broilers and fryers) alive or dressed in 1939 — Number	260	9
Omit any sold as baby chicks.		
80. Chicken eggs produced in 1939 — Dozens	850	10
81. Value of all poultry, eggs, baby chicks, poults, etc., sold or traded in 1939. (Omit cents) — $	200	P 3
82. Hives of bees, April 1, 1940: (a) Owned by others, but kept on this farm — Number		G 11
(b) Owned by you, on this farm and on non-farm land such as deserts, hills, swamps, etc. — Number		12
83. Honey produced by your bees in 1939 — Pounds		13

FUR ANIMALS IN CAPTIVITY:	Silver fox	Mink	Code
84. Females *over 6 months old*, April 1, 1940 — Number			14, 15
85. Pelts taken in 1939 — Number			16, 17
Include only pelts taken from silver foxes and minks kept in captivity.			

		Code
86. Value of wool, mohair, meat, hides, etc., bees, honey, wax, and fur animals and pelts sold or traded in 1939. (Omit cents) — $		P 4

XV.—CROPS HARVESTED ON THIS FARM IN 1939

	Acres harvested in 1939	Quantity harvested in 1939	Code
CORN: Omit sweet corn (except for silage primarily). Also omit popcorn, "Egyptian corn," kafir, and milo maize. **If grown with other crops, report total acreage of mixture.** NOTE.—The sum of the acres reported under Questions 88-90 must equal the answer to Question 87.			H-1
87. Total acreage of corn for all purposes	16	x x x x x	1, X, X
88. Corn for grain, whether snapped, husked, or machine-harvested for grain — 56 lb. shelled corn or 70 lb. ear corn=1 bu.	14	Bu 1800	4, 5, X
89. Corn cut for silage		Tons	7, 8, X
90. Whole plant hogged or grazed off by livestock, or cut for green or dry fodder and not husked or snapped	2	x x x x x	10, X, X
SORGHUMS: "Egyptian corn," kafir, milo, hegari, atlas, sorghum cane, sweet sorghums, etc.			H-2
91. All sorghums harvested for grain — Either threshed or fed in the head after cutting from stalk. 1 ton heads=25 bushels grain.		Bu	1, 2, X
92. All sorghums cut for silage only (green wt.)		Tons	4, 5, X
93. All sorghums cut for hay or fodder (dry wt.) — Heads not cut off or threshed.		Tons	7, 8, X
94. Sweet sorghums harvested for sirup — Omit cane grown from stalks or cuttings. Report fractional acreage.	1	Gal 11	10, 11, X
SMALL GRAINS threshed (or combined): NOTE.—Report grain hay under Question 121.			J-95
95. Mixed grains, other than a flax and wheat mixture — Wheat and oats; wheat and barley; wheat and rye; oats and barley; oats and peas; etc. Underline or give mixture.		Bu	2, 3, X
96. Oats threshed (or combined)	8	Bu 140	H-3 1, 2, X
97. Oats cut for grain when ripe or nearly ripe and fed unthreshed (omit oat hay)		x x x x x	4, X, X J-98
98. Barley threshed (or combined)		Bu	2, 3, X J-99
99. Rye threshed (or combined)		Bu	2, 3, X J-00
100. Flax threshed (or combined) — Where flax and wheat were grown together, report one-half of the acreage under each crop.		Bu	2, 3, X
101. Winter wheat (fall or winter sown) threshed (or combined)	12	Bu 300	H-4 1, 2, X
104. Spring wheat (spring sown) threshed (or combined)		Bu	4, 5, X J-05
105. Emmer and spelt threshed (or combined) — Underline which.		Bu	2, 3, X J-06
106. Buckwheat threshed (or combined)		Bu	2, 3, X

ANNUAL LEGUMES for all purposes, except plowed under for green manure: Where grown with corn or other crops, report acreage of mixture in second column. The annual legumes cured for hay included under Questions 108-115 must also be reported under Question 116. Report fractional acreage.	Acres grown in 1939: Alone	Acres grown in 1939: With other crops	Peas, beans, and seed harvested in 1939	Code
				K-8
108. Soybeans, total	1		x x x x x	2, 3, X, X
For hay, beans, grazed or hogged off. (a) Harvested for beans only	1		Bu 24	6, 7, 8, X K-0
110. Cowpeas, total			x x x x x	2, 3, X, X
For hay, peas, grazed or hogged off. (a) Harvested for peas			Bu	6, 7, 8, X K-1
111. Vetches, velvetbeans, mung and horse beans — Underline kind.			Bu	2, 3, 4, X
112. Other dry field and seed beans (navy, pea bean, Great Northern, kidney, lima, pinto, etc.) and lentils — Underline or give kind. Report green lima, snap, string, and wax beans under vegetables.			Bu	K-2 2, 3, 4, X
115. Dry field and seed peas (specify kind) — Omit cowpeas. Report peas harvested green under vegetables.			Bu	K-5 2, 3, 4, X

HAY CROPS: For each hay, give total production all cuttings, counting only once acres of land on which grown.	Acres harvested in 1939	Quantity harvested in 1939	Code
116. HAY FROM: Cowpeas, Peanuts, Canada peas, Austrian peas, Other peas, Vetches, Crotalaria, Soybeans, Velvetbeans, Horsebeans, Mungbeans, Other beans, Beggarweed, Lupines — Underline kind. Acres for hay included under Questions 108-115 must be reported here also. Include peanut vines saved for hay, but omit "straw" where beans or peas have been threshed.		Tons	J-16 2, 3, X
117. Alfalfa cut for hay		Tons	J-17 2, 3, X
118. Sweetclover cut for hay		Tons	J-18 2, 3, X
119. Lespedeza cut for hay		Tons	J-19 2, 3, X
120. Clover or timothy, alone or mixed, cut for hay (do not include sweetclover)	5	Tons 7	J-20 2, 3, X
121. Small grain hay—wheat, oats, barley, rye, etc. — Underline or give kind. Omit oats reported under Question 97.		Tons	J-21 2, 3, X
122. All other tame hay cut — Include old meadows, millet, Sudan, Johnson grass, orchard grass, redtop, crested wheatgrass, etc. Underline or give kind.		Tons	J-22 2, 3, X
123. Wild hay cut—marsh, prairie, or range grasses		Tons	J-23 2, 3, X

U. S.

FARM AND RANCH SCHEDULE

GENERAL AREA. WHERE FRACTIONAL ACREAGE OR PRODUCTION IS REQUIRED, REPORT AS: $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, ETC.

SCHEDULE No. 7 2 4

THE ABOVE SPACE FOR OFFICE USE ONLY

STATES

Connecticut. Delaware. District of Columbia. Illinois. Indiana. Iowa. Maine. Maryland. Massachusetts. Michigan. Minnesota. New Hampshire. New Jersey. New York. Ohio. Pennsylvania. Rhode Island. Vermont. West Virginia. Wisconsin.

REGION 1

CLOVER AND GRASS SEEDS: Report on "country-run" basis.	Acres harvested in 1939	Quantity harvested in 1939	Code
124. Alfalfa seed	14	Bu 20	J-24 2,3,X J-25
125. Sweetclover seed		Bu	2,3,X J-26
126. Lespedeza seed. Korean, Kobe, sericea, etc. Underline or give kind.		Lb	2,3,X J-27
127. Clover seed. Red, mammoth, Ladino, alsike, crimson, white Dutch, etc. Underline or give kind.		Bu	2,3,X J-28
128. Grass seed. Timothy, redtop, bluegrass, millet, Sudan, canary, bent, ryegrass, crested wheatgrass, etc. Underline or give kind.		Bu	2,3,X

MISCELLANEOUS CROPS: Report fractional acreage.			
129. Irish potatoes. Grown for home use or for sale.	½	Bu 15	L-29 1,2,X L-31
131. Sweetpotatoes and yams. Grown for home use or for sale.		Bu	1,2,X L-32
132. Tobacco (total, all types). Give type number or local designation. If more than 1 type, give separate reports for each below:	2	Lb 3758	1,2,X
Seedleaf	2	Lb 3758	
		Lb	L-35
135. Sugar beets harvested for sugar		Tons	1,2,X L-37
137. Broomcorn		Lb	1,2,X L-38
138. Popcorn		Bu	1,2,X L-39
139. Mint harvested for oil. Peppermint and spearmint. Underline which.		Lb (Oil)	1,2,X L-40
140. Silage crops, other than corn and sorghums (specify). Alfalfa silage, soybean silage, oat silage, etc. Omit byproducts, as beet tops and pulp, pea vines, etc.		Tons	1,2,X L-41
141. Root and grain crops (other than corn and annual legumes) hogged or grazed off		X X X X X	1,X,X L-
142. Other field crops not elsewhere reported. Give name and unit of measure.		Unit / Unit	1,2,X L- 1,2,X

Report: Chicory. Cotton. Flax for fiber. Ginseng. Golden seal. Hemp. Hops. Peanuts. Pumpkins for feed. Sunflower seed. Wormseed, etc.

143. Value of the crops reported under Questions 87–142 (including landlord's share) which were or are to be sold or traded (omit cents) $ 563 — P 5

VEGETABLES FOR FARM HOUSEHOLD(S') USE:

144. Value of vegetables grown on this farm in 1939 for consumption by your family and by all households on this farm $ 5 — M-44 X,X,3

Omit Irish and sweet potatoes, also any vegetables fed to animals. (Omit cents)

VEGETABLES harvested in 1939 FOR SALE (not for home use): P 6

Include vegetables sold to canneries.

NOTE.—Where a crop was harvested following another on the same land during the year, report acreage for each crop.

For office use only →

Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code	Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code
			M-46				M-58
146. Asparagus		$	2,3 M-47	158. Eggplant		$	2,3 M-61
147. Green lima beans		$	2,3 M-48	161. Lettuce		$	2,3 M-62
148. Snap, string, or wax beans		$	2,3 M-49	162. Dry onions		$	2,3 M-63
149. Beets (table)		$	2,3 M-51	163. Green peas		$	2,3 M-64
151. Cabbage		$	2,3	164. Sweet peppers and pimientos		$	2,3 M-65
152. Cantaloups, muskmelons, honeyballs, honeydews, casabas, Persian, etc.		$	M-52 2,3 M-53	165. Spinach		$	2,3 M-66
153. Carrots		$	2,3 M-54	166. Tomatoes		$	2,3 M-67
154. Cauliflower		$	2,3 M-55	167. Watermelons		$	2,3 M-
155. Celery		$	2,3 M-56	168. Other* Specify.		$	2,3 M-
156. Sweet corn		$	2,3 M-57	*List separately any other vegetables sold except Irish and sweet potatoes.		$	2,3
157. Cucumbers		$	2,3				

* The following, if for sale, to be reported under Question 168: Globe artichokes. Italian green sprouting broccoli. Brussels sprouts. Swiss chard. Chinese cabbage. Collards. Water cress. Dandelions. Endive. Escarole. Garlic. Horseradish. Kale. Kohlrabi. Mustard (greens). Okra. Green onions and shallots. Parsley. Parsnips. Hot peppers. Pumpkins. Radishes. Rhubarb. Romaine. Rutabagas. Salsify. Squash. Turnips, etc.

For office use only → P 7

HORTICULTURAL SPECIALTIES: Report fractional acreage.

	Area in 1939	Sales in 1939	Code
169. Crops grown under glass (flowers and plants, also vegetables) and propagated mushrooms. Underline which.	(Sq. feet)	$ (Omit cents)	M-69 2,3
170. Nursery products (trees, shrubs, vines, ornamentals, etc.)	(Acres)	$ (Omit cents)	M-70 2,3
171. Flower and vegetable seeds, bulbs, and flowers and plants grown in the open. Underline which.	(Acres)	$ (Omit cents)	M-71 2,3

SMALL FRUITS: Report fractional acreage. NOTE.—Do not report nonbearing acreage.	Acres harvested in 1939	Quantity harvested in 1939	Code
172. Blackberries and dewberries (tame only)		Qt	M-72 2,3 M-73
173. Tame blueberries		Qt	2,3
174. Wild blueberries. Where the land is used primarily for their production.		Qt	4,5 M-76
176. Cranberries		Qt	2,3 M-78
179. Black raspberries (tame only)		Qt	2,3
180. Red raspberries (tame only)		Qt	4,5 M-81
181. Strawberries		Qt	2,3 M-
183. Other (specify)		Qt	2,3 M-
		Qt	2,3

Report: Boysenberries, currants, gooseberries, loganberries, youngberries, etc.

TREE FRUITS, NUTS, AND GRAPES: N (1st item only) 1,X

184. Land in bearing and nonbearing fruit orchards, vineyards, and planted nut trees, April 1, 1940 (omit nurseries) ..... Acres

Report fractional acreage.

KIND OF FRUIT: Report dried fruits on fresh-weight basis. Do not include trees and vines in nursery.	Number of trees or vines, April 1, 1940: Not of bearing age	Of bearing age	Quantity harvested in 1939: Report fruits on fresh basis	Code
185. Apples			Bu	N-85 4,5,6 N-86
187. Sour cherries			Lb	4,5,6
188. Sweet cherries			Lb	7,8,9 N-89
189. Peaches			Bu	4,5,6 N-92
192. Pears			Bu	4,5,6 N-95
195. Plums and prunes			Bu	4,5,6 N-98
198. Grapes			Lb / Unit	4,5,6 N-
208. Other tree fruits. Give name and unit of measure.			Unit	4,5,6 N-
			Unit	4,5,6 N-
			Unit	4,5,6 N-

Report: Apricots, figs, nectarines, quinces, etc.

210. Improved pecans (budded, grafted, or top-worked)			Lb	N-10 4,5,6
211. Wild or seedling pecans			Lb	7,8,9 N-
215. Other nuts. Specify.			Lb	4,5,6 N-
			Lb	4,5,6 N-
			Lb	4,5,6

Report: Cultivated chestnuts, English or Persian walnuts, etc.

229. Value of all fruits and nuts, including small fruits, produced in 1939 that were or are to be sold or traded $ (Omit cents) — P 8

230. Maple sirup and sugar made in 1939:

Trees tapped (Number) | Sirup (Gallons) | Sugar (Pounds) — N-30 4,5,6

XVI.—VALUE OF PRODUCTS USED AND OF FOREST PRODUCTS SOLD IN 1939

231. Value (estimated) of products of this farm in 1939 that were used by your family and by all households on this farm (meat, milk, poultry, eggs, honey, vegetables, fruits, firewood, fuel wood, etc.) $ 250 (Omit cents) — P 9

232. Value of forest products sold in 1939 $ (Omit cents) — 10

Include firewood, fuel wood, standing timber, sawlogs, veneer logs, pulpwood, mine props, tanbark, charcoal, fence posts, railroad ties, poles and piling, turpentine, resin, maple sirup and sugar, etc.

FARM AND RANCH SCHEDULE

OMITTED INQUIRY NUMBERS REPRESENT CROPS WHICH WILL BE INFREQUENTLY REPORTED IN THIS

XIV.—LIVESTOCK, APRIL 1, 1940, AND LIVESTOCK PRODUCTS, 1939

Include animals on this farm or ranch, whether belonging to the farm operator or not, also animals belonging to this farm but grazing in national forests or on open range.

	Total over 3 months old	3- to 27-month-old colts	Code
51. Horses of all kinds, including ponies, April 1, 1940 — Number	1		E 1, 2
52. Mules, April 1, 1940 — Number	4		3, 4
53. Cattle and calves *over 3 months old*, Apr. 1, 1940 — Number	6		5
Of this number, how many were—			
54. Cows and heifers that were 2 years old and over on January 1, 1940, and are— (a) Kept mainly for milk production? — Number	3		6
(b) Kept mainly for beef production? — Number			7
Cows milked and dairy products, 1939:			
55. Total cows milked during any part of 1939 (include heifers milked) — Number	3		8
56. Milk produced in 1939 (report in gallons: 8.6 pounds=1 gallon) — Gallons	850		9
Report all milk produced, whether consumed, sold, fed to stock, or otherwise disposed of.			
57. Butter churned on farm in 1939 — Pounds	50		10

58. Whole milk sold in 1939 — Gallons	59. Cream sold in 1939 (Butterfat content) — Pounds of butterfat	60. Butter sold in 1939 — Pounds	Code
600	105		11, 12, 13

	Code
61. Value of all dairy products sold or traded in 1939—milk, cream, butter, cheese, etc. (Omit cents) — $ 75	P 1
62. Sheep and lambs *over 6 months old*, April 1, 1940 — Number	E 14
Of this number how many were—	
63. Yearling ewes? — Number	15
64. Other ewes? — Number	16

NOTE.—If this farm has sheep on hand and no wool shorn in 1939, EXPLAIN.

65. Sheep and lambs shorn in 1939	Number shorn	Pounds of wool shorn	Code
			17, 18

Report the number of sheep and lambs shorn and not the number of fleeces. If shorn twice, write "Shorn twice."

	Code
66. Hogs *over 4 months old*, April 1, 1940 — Number 9	19
Of this number, how many were—	
67. Sows and gilts that farrowed since Dec. 1, 1939, or will farrow before June 1, 1940? — Number 5	20

68. Animals butchered in 1939 for use on this farm or for sale from this farm — Number	Cattle (excl. calves) 1.	Calves 2.	Hogs and pigs 3.	Sheep and lambs 4.	Code
	1		6		F 1, 2, 3, 4

69. Goats and kids *over 4 months old*, April 1, 1940 — Number	Angoras	Other	Code
			5, 6
70. Mohair and kid hair clipped in 1939 — Pounds			7
71. Goats milked during any part of 1939 — Number			8

Livestock purchases and sales:	Cattle (excl. calves) 1.	Calves 2.	Hogs and pigs 3.	Sheep and lambs 4.	Code
72. Bought in 1939 — Number					9, 10, 11, 12
73. Sold alive in 1939 — Number			20		13, 14, 15, 16

	Code
74. Value of all livestock **sold** or traded in 1939, except poultry, bees, and fur animals. (Omit cents) — $ 300	P 2

NOTE.—If this farm has chickens on hand but raised none or produced no eggs in 1939, EXPLAIN.

	Number on hand over 4 months old on April 1, 1940	Number raised in 1939	For office use only	Code
75. Chickens	125	30		G 1, 2
76. Turkeys				3, 4
77. Ducks				5, 6
78. Other (specify)				7, 8

Report separately geese, guineas, pigeons, quail, pheasants, etc.

	Code
79. Total chickens **sold** (including broilers and fryers) alive or dressed in 1939 — Number 35	9
Omit any sold as baby chicks.	
80. Chicken eggs produced in 1939 — Dozens 650	10
81. Value of all poultry, eggs, baby chicks, poults, etc., **sold** or traded in 1939. (Omit cents) — $ 140	P 3
82. Hives of bees, April 1, 1940: (a) **Owned by others**, but kept on this farm — Number	G 11
(b) **Owned by you**, on this farm and on non-farm land such as deserts, hills, swamps, etc. — Number	12
83. Honey produced by your bees in 1939 — Pounds	13

FUR ANIMALS IN CAPTIVITY:	Silver fox	Mink	Code
84. Females *over 3 months old*, April 1, 1940 — Number			14, 15
85. Pelts taken in 1939 — Number			16, 17

Include only pelts taken from silver foxes and minks kept in captivity.

	Code
86. Value of wool, mohair, meat, hides, etc., bees, honey, wax, and fur animals and pelts **sold** or traded in 1939. (Omit cents) — $	P 4

XV.—CROPS HARVESTED ON THIS FARM IN 1939

	Acres harvested in 1939	Quantity harvested in 1939	Code
CORN: Omit sweet corn (except for silage primarily). Also omit popcorn, "Egyptian corn," kafir, and milo maize. If grown with other crops, report total acreage of mixture.			
NOTE.—The sum of the acres reported under Questions 88-90 must equal the answer to Question 87.			H-1
87. Total acreage of corn for all purposes	41	x x x x x	1, X, X
88. Corn for grain, whether snapped, husked, or machine-harvested for grain — 56 lb. shelled corn or 70 lb. ear corn=1 bu.	41	Bu 1600	4, 5, X
89. Corn cut for silage		Tons	7, 8, X
90. Whole plant hogged or grazed off by livestock, or cut for green or dry fodder and not husked or snapped		x x x x x	10, X, X
SORGHUMS: "Egyptian corn," kafir, milo, hegari, atlas, sorghum cane, sweet sorghums, etc.			H-2
91. All sorghums harvested for grain — Either threshed or fed in the head after cutting from stalk. 1 ton heads=25 bushels grain.		Bu	1, 2, X
92. All sorghums cut for silage only (green wt.)		Tons	4, 5, X
93. All sorghums cut for hay or fodder (dry wt.) — Heads not cut off or threshed.		Tons	7, 8, X
94. Sweet sorghums harvested for sirup — Omit cane grown from stalks or cuttings. Report fractional acreage.		Gal	10, 11, X
SMALL GRAINS threshed (or combined): NOTE.—Report grain hay under Question 121.			
95. Mixed grains, other than a flax and wheat mixture — Wheat and oats; wheat and barley; wheat and rye; oats and barley; oats and peas; etc. Underline or give mixture.		Bu	J-95 2, 3, X
96. Oats threshed (or combined)	17	Bu 360	H-3 1, 2, X
97. Oats cut for grain when ripe or nearly ripe and fed unthreshed (omit oat hay)		x x x x x	4, X, X
98. Barley threshed (or combined)		Bu	J-98 2, 3, X
99. Rye threshed (or combined)		Bu	J-99 2, 3, X
101. Winter wheat (fall or winter sown) threshed (or combined)	3	Bu 15	H-4 1, 2, X
106. Buckwheat threshed (or combined)		Bu	J-06 2, 3, X

ANNUAL LEGUMES for all purposes, except plowed under for green manure: Where grown with corn or other crops, report acreage of mixture in second column. The annual legumes cured for hay included under Questions 108-115 must also be reported under Question 116. Report fractional acreage.	Acres grown in 1939: Alone	Acres grown in 1939: With other crops	Nuts, peas, beans, and seed harvested in 1939	Code
				K-8
108. Soybeans, total	32		x x x x x	2, 3, X, X
For hay, beans, grazed or hogged off. (a) Harvested for beans only	15		Bu 160	6, 7, 8, X K-9
109. Peanuts, total			x x x x x	2, 3, X, X
For hay, nuts, grazed or hogged off. (a) Harvested for picking and threshing			Lb	6, 7, 8, X K-0
110. Cowpeas, total			x x x x x	2, 3, X, X
For hay, peas, grazed or hogged off. (a) Harvested for peas			Bu	6, 7, 8, X K-1
111. Vetches, velvetbeans, mung and horse beans (underline kind)			Bu	2, 3, 4, X
112. Other dry field and seed beans (navy, pea bean, Great Northern, kidney, lima, pinto, etc.) and lentils — Underline or give kind. Report green lima, snap, string, and wax beans under vegetables.			Bu	K-2 2, 3, 4, X K-5
115. Dry field and seed peas (specify kind) — Omit cowpeas. Report peas harvested green under vegetables.			Bu	2, 3, 4, X

HAY CROPS: For each hay, give total production all cuttings, counting only once acres of land on which grown.

116. HAY FROM: Cowpeas, Peanuts, Canada peas, Austrian peas, Other peas, Vetches, Crotalaria, Soybeans, Velvetbeans, Horsebeans, Mungbeans, Other beans, Beggarweed, Lupines	Acres harvested in 1939	Quantity harvested in 1939	Code
Underline kind. Acres for hay included under Questions 108-115 must be reported here also. Include peanut vines saved for hay, but omit "straw" where beans or peas have been threshed.	17	Tons 20	J-16 2, 3, X
117. Alfalfa cut for hay	4	Tons 16	J-17 2, 3, X
118. Sweetclover cut for hay		Tons	J-18 2, 3, X
119. Lespedeza cut for hay	10	Tons 15	J-19 2, 3, X
120. Clover or timothy, alone or mixed, cut for hay (do not include sweetclover)		Tons	J-20 2, 3, X
121. Small grain hay—wheat, oats, barley, rye, etc. — Underline or give kind. Omit oats reported under Question 97.	12	Tons 4	J-21 2, 3, X
122. All other tame hay cut — Include old meadows, millet, Sudan, Johnson grass, orchard grass, redtop, crested wheatgrass, etc. Underline or give kind.		Tons	J-22 2, 3, X
123. Wild hay cut—marsh, prairie, or range grasses		Tons	J-23 2, 3, X

FARM AND RANCH SCHEDULE

GENERAL AREA. WHERE FRACTIONAL ACREAGE OR PRODUCTION IS REQUIRED, REPORT AS: 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/8, ETC.

SCHEDULE No. 1 6 0

THE ABOVE SPACE FOR OFFICE USE ONLY

STATES

Kentucky.
Missouri.
North Carolina.
Tennessee.
Virginia.

REGION 2

	Acres harvested in 1939	Quantity harvested in 1939	Code
CLOVER AND GRASS SEEDS: Report on "country-run" basis.			J-24
124. Alfalfa seed	4	Bu 2	2, 3, X J-25
125. Sweetclover seed		Bu	2, 3, X J-26
126. Lespedeza seed. Korean, Kobe, sericea, etc. Underline or give kind.	10	Lb 4000	2, 3, X J-27
127. Clover seed. Red, mammoth, Ladino, alsike, crimson, white Dutch, etc. Underline or give kind.		Bu	2, 3, X J-28
128. Grass seed. Timothy, redtop, bluegrass, millet, Sudan, canary, bent, ryegrass, crested wheatgrass, etc. Underline or give kind.		Bu	2, 3, X
MISCELLANEOUS CROPS: Report fractional acreage.			L-29
129. Irish potatoes. Grown for home use or for sale.	1/2	Bu 60	1, 2, X L-30
130. Cotton harvested. If sold in the seed, estimate square bales of lint.	33	Running square bales 44 (Fractions)	1, 2, X L-31
131. Sweetpotatoes and yams. Grown for home use or for sale:	1/4	Bu 29	1, 2, X L-32
132. Tobacco (total, all types). Give type number or local designation. If more than 1 type, give separate reports for each below:		Lb	1, 2, X
		Lb	
		Lb	
140. Silage crops, other than corn and sorghums (specify). Alfalfa silage, soybean silage, oat silage, etc. Omit byproducts, as beet tops and pulp, pea vines, etc.		Tons	L-40 1, 2, X
141. Root and grain crops (other than corn and annual legumes) hogged or grazed off		X X X X X Unit	L-41 1, X, X
142. Other field crops not elsewhere reported. Give name and unit of measure.		Unit	L- 1, 2, X
		Unit	L- 1, 2, X
Report: Broomcorn. Chufas. Flax for fiber. Flax for grain. Ginseng. Golden seal. Hemp. Hops. Kudzu. Popcorn. Rice. Sugarcane for sirup. Spring wheat, etc.			
143. Value of the crops reported under Questions 87–142 (including landlord's share) which were or are to be sold or traded		$ 3900 (Omit cents)	P 5
VEGETABLES FOR FARM HOUSEHOLD(S') USE:			
144. Value of vegetables grown on this farm in 1939 for consumption by your family and by all households on this farm. Omit Irish and sweet potatoes, also any vegetables fed to animals.		$ 40 (Omit cents)	M-44 X, X, 3

VEGETABLES harvested in 1939 FOR SALE (not for home use): Include vegetables sold to canneries. NOTE.—Where a crop was harvested following another on the same land during the year, report acreage for each crop. For office use only → P 6

Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code	Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code
			M-46				M-60
146. Asparagus		$	2, 3	160. Kale		$	2, 3
147. Green lima beans		$	M-47 2, 3	161. Lettuce		$	M-61 2, 3
148. Snap, string, or wax beans		$	M-48 2, 3	162. Dry onions		$	M-62 2, 3
149. Beets (table)		$	M-49 2, 3	163. Green peas		$	M-63 2, 3
151. Cabbage		$	M-51 2, 3	164. Sweet peppers and pimientos		$	M-64 2, 3
152. Cantaloups, muskmelons, honeyballs, honeydews, casabas, Persian, etc.		$	M-52 2, 3	165. Spinach		$	M-65 2, 3
153. Carrots		$	M-53 2, 3	166. Tomatoes		$	M-66 2, 3
155. Celery		$	M-55 2, 3	167. Watermelons		$	M-67 2, 3
156. Sweet corn		$	M-56 2, 3	168. Other * (Specify)		$	M- 2, 3
157. Cucumbers		$	M-57 2, 3	List separately any other vegetables sold except Irish and sweet potatoes.		$	M- 2, 3

* The following, if for sale, to be reported under Question 168: Globe artichokes. Italian green sprouting broccoli. Brussels sprouts. Cauliflower. Swiss chard. Chinese cabbage. Collards. Water cress. Dandelions. Eggplant. Endive. Escarole. Garlic. Horseradish. Kohlrabi. Mustard (greens). Okra. Green onions and shallots. Parsley. Parsnips. Hot peppers. Pumpkins. Radishes. Rhubarb. Romaine. Rutabagas. Salsify. Squash. Turnips, etc.

For office use only → P 7

HORTICULTURAL SPECIALTIES: Report fractional acreage.

	Area in 1939	Sales in 1939	
169. Crops grown under glass (flowers and plants, also vegetables) and propagated mushrooms. Underline which.	(Sq. feet)	$ (Omit cents)	M-69 2, 3
170. Nursery products (trees, shrubs, vines, ornamentals, etc.)	(Acres)	$ (Omit cents)	M-70 2, 3
171. Flower and vegetable seeds, bulbs, and flowers and plants grown in the open. Underline which.	(Acres)	$ (Omit cents)	M-71 2, 3

SMALL FRUITS: Report fractional acreage. NOTE.—Do not report nonbearing acreage.	Acres harvested in 1939	Quantity harvested in 1939	Code
172. Blackberries and dewberries (tame only)		Qt	M-72 2, 3
178. Raspberries (tame only)		Qt	M-78 2, 3
181. Strawberries	1/8	Qt 30	M-81 2, 3
183. Other (specify)		Qt	M- 2, 3
		Qt	M- 2, 3
Report: Blueberries, boysenberries, cranberries, currants, gooseberries, loganberries, youngberries, etc.			

TREE FRUITS, NUTS, AND GRAPES:

184. Land in bearing and nonbearing fruit orchards, vineyards, and planted nut trees, April 1, 1940 (omit nurseries) Acres 1/4 — Report fractional acreage. — N (1st item only) 1, X

KIND OF FRUIT: Report dried fruits on fresh-weight basis. Do not include trees and vines in nursery.	Number of trees or vines, April 1, 1940: Not of bearing age	Of bearing age	Quantity harvested in 1939: Report fruits on fresh basis	
185. Apples	10		Bu	N-85 4, 5, 6
186. Cherries	5		Lb	N-86 4, 5, 6
189. Peaches	20		Bu	N-89 4, 5, 6
192. Pears	5		Bu	N-92 4, 5, 6
195. Plums and prunes	6		Bu	N-95 4, 5, 6
198. Grapes	7		Lb	N-98 4, 5, 6
199. Figs (all varieties)			Lb	N-99 4, 5, 6
208. Other tree fruits. Give name and unit of measure.			Unit	N- 4, 5, 6
			Unit	N- 4, 5, 6
Report: Apricots, nectarines, Japanese persimmons, quinces, etc.				
210. Improved pecans (budded, grafted, or top-worked)			Lb	N-10 4, 5, 6
211. Wild or seedling pecans			Lb	7, 8, 9
215. Other nuts. Specify.			Lb	N- 4, 5, 6
			Lb	N- 4, 5, 6
			Lb	N- 4, 5, 6
Report: Cultivated chestnuts, English or Persian walnuts, etc.				
229. Value of all fruits and nuts, including small fruits, produced in 1939 that were or are to be sold or traded		$ (Omit cents)		P 8

XVI.—VALUE OF PRODUCTS USED AND OF FOREST PRODUCTS SOLD IN 1939

231. Value (estimated) of products of this farm in 1939 that were used by your family and by all households on this farm (meat, milk, poultry, eggs, honey, vegetables, fruits, firewood, fuel wood, etc.) $ 325 (Omit cents) — P 9

232. Value of forest products sold in 1939 $ (Omit cents) — 10
Include firewood, fuel wood, standing timber, sawlogs, veneer logs, pulpwood, mine props, tanbark, charcoal, fence posts, railroad ties, poles and piling, turpentine, resin, maple sirup and sugar, etc.

FARM AND RANCH SCHEDULE

OMITTED INQUIRY NUMBERS REPRESENT CROPS WHICH WILL BE INFREQUENTLY REPORTED IN THIS

XIV.—LIVESTOCK, APRIL 1, 1940, AND LIVESTOCK PRODUCTS, 1939

Include animals on this farm or ranch, whether belonging to the farm operator or not, also animals belonging to this farm but grazing in national forests or on open range.

	Total over 3 months old	3- to 27-month-old colts	Code
51. Horses of all kinds, including ponies, April 1, 1940 — Number	1		E 1, 2
52. Mules, April 1, 1940 — Number	4		3, 4
53. Cattle and calves *over 3 months old*, Apr. 1, 1940 — Number	12		5
Of this number, how many were—			
54. Cows and heifers that were 2 years old and over on January 1, 1940, and are—			
(a) Kept mainly for **milk** production? — Number	3		6
(b) Kept mainly for **beef** production? — Number			7
Cows milked and dairy products, 1939:			
55. Total cows milked during any part of 1939 (include heifers milked) — Number	1		8
56. Milk produced in 1939 (report in gallons: 8.6 pounds=1 gallon) — Gallons	375		9
Report all milk produced, whether consumed, sold, fed to stock, or otherwise disposed of.			
57. Butter churned on farm in 1939 — Pounds	50		10

58. Whole milk sold in 1939 — Gallons	59. Cream sold in 1939 (Butterfat content) — Pounds of butterfat	60. Butter sold in 1939 — Pounds	Code
			11, 12, 13

	Code
61. Value of all dairy products sold or traded in 1939—milk, cream, butter, cheese, etc. (Omit cents) — $	P 1
62. Sheep and lambs *over 6 months old*, April 1, 1940 — Number	E 14
Of this number how many were—	
63. Yearling ewes? — Number	15
64. Other ewes? — Number	16

NOTE.—If this farm has sheep on hand and no wool shorn in 1939, EXPLAIN.

65. Sheep and lambs shorn in 1939	Number shorn	Pounds of wool shorn	Code
Report the number of sheep and lambs shorn and not the number of fleeces. If shorn twice, write "Shorn twice."			17, 18

	Code
66. Hogs *over 4 months old*, April 1, 1940 — Number: 15	19
Of this number, how many were—	
67. Sows and gilts that farrowed since Dec. 1, 1939, or will farrow before June 1, 1940? — Number	20

68. Animals butchered in 1939 for use on this farm or for sale from this farm — Number	Cattle (excl. calves) 1.	Calves 2.	Hogs and pigs 3.	Sheep and lambs 4.	Code
			7		F 1, 2, 3, 4

	Angoras	Other	Code
69. Goats and kids *over 4 months old*, April 1, 1940 — Number			5, 6
70. Mohair and kid hair clipped in 1939 — Pounds			7
71. Goats milked during any part of 1939 — Number			8

Livestock purchases and sales:	Cattle (excl. calves) 1.	Calves 2.	Hogs and pigs 3.	Sheep and lambs 4.	Code
72. Bought in 1939 — Number					9, 10, 11, 12
73. Sold alive in 1939 — Number	3	12			13, 14, 15, 16

	Code
74. Value of all livestock sold or traded in 1939, except poultry, bees, and fur animals. (Omit cents) — $ 85	P 2

NOTE.—If this farm has chickens on hand but raised none or produced no eggs in 1939, EXPLAIN.

	Number on hand over 4 months old on April 1, 1940	Number raised in 1939	For office use only	Code
75. Chickens	35	100		G 1, 2
76. Turkeys				3, 4
77. Ducks				5, 6
78. Other (specify)				7, 8

Report separately geese, guineas, pigeons, quail, pheasants, etc.

	Code
79. Total chickens sold (including broilers and fryers) alive or dressed in 1939 — Number: 25	9
Omit any sold as baby chicks.	
80. Chicken eggs produced in 1939 — Dozens: 150	10
81. Value of all poultry, eggs, baby chicks, poults, etc., sold or traded in 1939. (Omit cents) — $ 50	P 3
82. Hives of bees, April 1, 1940:	G
(a) **Owned by others**, but kept on this farm — Number	11
(b) **Owned by you**, on this farm and on non-farm land such as deserts, hills, swamps, etc. — Number	12
83. Honey produced by your bees in 1939 — Pounds	13

FUR ANIMALS IN CAPTIVITY:	Silver fox	Mink	Code
84. Females *over 3 months old*, April 1, 1940 — Number			14, 15
85. Pelts taken in 1939 — Number			16, 17
Include only pelts taken from silver foxes and minks kept in captivity.			

	Code
86. Value of wool, mohair, meat, hides, etc., bees, honey, wax, and fur animals and pelts sold or traded in 1939. (Omit cents) — $	P 4

XV.—CROPS HARVESTED ON THIS FARM IN 1939

	Acres harvested in 1939	Quantity harvested in 1939	Code
CORN: Omit sweet corn (except for silage primarily). Also omit popcorn, "Egyptian corn," kafir, and milo maize. **If grown with other crops, report total acreage of mixture.**			
NOTE.—The sum of the acres reported under Questions 88-90 must equal the answer to Question 87.			H-1
87. Total acreage of corn for all purposes	69	x x x x x	1, X, X
88. Corn for grain, whether snapped, husked, or machine-harvested for grain — 56 lb. shelled corn or 70 lb. ear corn=1 bu.	69	Bu. 350	4, 5, X
89. Corn cut for silage		Tons	7, 8, X
90. Whole plant hogged or grazed off by livestock, or cut for green or dry fodder and not husked or snapped		x x x x x	10, X, X
SORGHUMS: "Egyptian corn," kafir, milo, hegari, atlas, sorghum cane, sweet sorghums, etc.			H-2
91. All sorghums harvested for grain — Either threshed or fed in the head after cutting from stalk. 1 ton heads=25 bushels grain.		Bu	1, 2, X
92. All sorghums cut for silage only (green wt.)		Tons	4, 5, X
93. All sorghums cut for hay or fodder (dry wt.) — Heads not cut off or threshed.		Tons	7, 8, X
94. Sweet sorghums harvested for sirup — Omit cane grown from stalks or cuttings. Report fractional acreage.		Gal	10, 11, X
SMALL GRAINS threshed (or combined): NOTE.—Report grain hay under Question 121.			J-95
95. Mixed grains, **other than a flax and wheat mixture** — Wheat and oats; wheat and barley; wheat and rye; oats and barley; oats and peas; etc. Underline or give mixture.		Bu	2, 3, X
			H-3
96. Oats threshed (or combined)		Bu	1, 2, X
97. Oats cut for grain when ripe or nearly ripe and fed unthreshed (omit oat hay)	5	x x x x x	4, X, X
			J-98
98. Barley threshed (or combined)		Bu	2, 3, X
			J-99
99. Rye threshed (or combined)		Bu	2, 3, X
			H-4
101. Winter wheat (fall or winter sown) threshed (or combined)		Bu	1, 2, X
			J-07
107. Rice (rough or paddy) threshed (or combined)		162-lb. bbl	2, 3, X
ANNUAL LEGUMES for all purposes, except plowed under for green manure: Where grown with corn or other crops, report acreage of mixture in second column. The annual legumes cured for hay included under Questions 108-115 must also be reported under Question 116. Report fractional acreage.	Acres grown in 1939: Alone	Acres grown in 1939: With other crops	Nuts, peas, beans, and seed harvested in 1939	Code
				K-8
108. Soybeans, total			x x x x x	2, 3, X, X
For hay, beans, grazed or hogged off.				6, 7, 8, X
(a) Harvested for beans only			Bu	K-9
109. Peanuts, total	3 3/4		x x x x x	2, 3, X, X
For hay, nuts, grazed or hogged off.				6, 7, 8, X
(a) Harvested for picking and threshing			Lb	K-0
110. Cowpeas, total		9	x x x x x	2, 3, X, X
For hay, peas, grazed or hogged off.				6, 7, 8, X
(a) Harvested for peas			Bu	K-1
111. Vetches, velvetbeans, mung and horse beans (underline kind)		60	Bu	2, 3, 4, X
112. Other dry field and seed beans (navy, pea bean, Great Northern, kidney, lima, pinto, etc.) and lentils — Underline or give kind. Report green lima, snap, string, and wax beans under vegetables.			Bu	K-2 2, 3, 4, X
115. Dry field and seed peas (specify kind) — Omit cowpeas. Report peas harvested green under vegetables.			Bu	K-5 2, 3, 4, X

HAY CROPS: For each hay, give total production all cuttings, counting only once acres of land on which grown.

116. HAY FROM: Cowpeas. Peanuts. Canada peas. Austrian peas. Other peas. Vetches. Crotalaria. Soybeans. Velvetbeans. Horsebeans. Mungbeans. Other beans. Beggarweed. Lupines.	Acres harvested in 1939	Quantity harvested in 1939	Code
	5	Tons 7	J-16 2, 3, X
Underline kind. Acres for hay included under Questions 108-115 must be reported here also. Include peanut vines saved for hay, but omit "straw" where beans or peas have been threshed.			
117. Alfalfa cut for hay		Tons	J-17 2, 3, X
118. Sweetclover cut for hay		Tons	J-18 2, 3, X
119. Lespedeza cut for hay		Tons	J-19 2, 3, X
120. Clover or timothy, alone or mixed, cut for hay (do not include sweetclover)		Tons	J-20 2, 3, X
121. Small grain hay—wheat, oats, barley, rye, etc. — Underline or give kind. Omit oats reported under Question 97.		Tons	J-21 2, 3, X
122. All other tame hay cut — Include old meadows, millet, Sudan, Johnson grass, orchard grass, redtop, crested wheatgrass, etc. Underline or give kind.		Tons	J-22 2, 3, X
123. Wild hay cut—marsh, prairie, or range grasses		Tons	J-23 2, 3, X

FARM AND RANCH SCHEDULE

GENERAL AREA. WHERE FRACTIONAL ACREAGE OR PRODUCTION IS REQUIRED, REPORT AS: $\frac{1}{8}, \frac{1}{4}, \frac{3}{8}, \frac{1}{2}, \frac{5}{8}, \frac{3}{4}, \frac{7}{8}$, 1, $1\frac{1}{8}$, ETC.

SCHEDULE No. 1 1 6 8

THE ABOVE SPACE FOR OFFICE USE ONLY

STATES
Alabama.
Georgia.
Mississippi.
South Carolina.

	Acres harvested in 1939	Quantity harvested in 1939	Code
CLOVER AND GRASS SEEDS: Report on "country-run" basis.			J-24
124. Alfalfa seed		Bu	2, 3, X J-25
125. Sweetclover seed		Bu	2, 3, X J-26
126. Lespedeza seed. Korean, Kobe, sericea, etc. Underline or give kind.		Lb	2, 3, X J-27
127. Clover seed. Red, mammoth, Ladino, alsike, crimson, white Dutch, etc. Underline or give kind.		Bu	2, 3, X J-28
128. Grass seed. Timothy, redtop, bluegrass, millet, Sudan, canary, bent, ryegrass, crested wheatgrass, etc. Underline or give kind.		Bu	2, 3, X
MISCELLANEOUS CROPS: Report fractional acreage.			L-29
129. Irish potatoes. Grown for home use or for sale.		Bu	1, 2, X L-30
130. Cotton harvested. If sold in the seed, estimate square bales of lint.	6	Running square bales 4 1/2 (Fractions)	1, 2, X L-31
131. Sweetpotatoes and yams. Grown for home use or for sale.	1/2	Bu 50	1, 2, X L-32
132. Tobacco (total, all types). Give type number or local designation. If more than 1 type, give separate reports for each below:		Lb	1, 2, X
		Lb	
		Lb	L-33
133. Sugarcane (not sorghum) for sirup. Include both thick and slender stalk varieties grown from stalks, cuttings, or stubble.	3/4	Gal. 100 (Sirup)	1, 2, X
140. Silage crops, other than corn and sorghums (specify). Alfalfa silage, soybean silage, oat silage, etc. Omit byproducts, as beet tops and pulp, pea vines, etc.		Tons	L-40 1, 2, X
141. Root and grain crops (other than corn and annual legumes) hogged or grazed off		X X X X X	L-41 1, X, X
142. Other field crops not elsewhere reported. Give name and unit of measure.		Unit	L- 1, 2, X
		Unit	L- 1, 2, X
Report: Broomcorn. Buckwheat. Chufas. Flax for grain. Ginseng. Golden seal. Kudzu. Popcorn, etc.			
143. Value of the crops reported under Questions 87–142 (including landlord's share) which were or are to be sold or traded $ 275 (Omit cents)			P 5
VEGETABLES FOR FARM HOUSEHOLD(S') USE:			
144. Value of vegetables grown on this farm in 1939 for consumption by your family and by all households on this farm $ 50 (Omit cents). Omit Irish and sweet potatoes, also any vegetables fed to animals.			M-44 X, X, 3

VEGETABLES harvested in 1939 FOR SALE (not for home use): Include vegetables sold to canneries. NOTE.—Where a crop was harvested following another on the same land during the year, report acreage for each crop. For office use only → P 6

Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code
			M-46
146. Asparagus		$	2, 3 M-47
147. Green lima beans		$	2, 3 M-48
148. Snap, string, or wax beans		$	2, 3 M-49
149. Beets (table)		$	2, 3 M-51
151. Cabbage		$	2, 3
152. Cantaloups, muskmelons, honeyballs, honeydews, casabas, Persian, etc.		$	M-52 2, 3 M-53
153. Carrots		$	2, 3 M-55
155. Celery		$	2, 3 M-56
156. Sweet corn		$	2, 3 M-57
157. Cucumbers		$	2, 3

Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code
			M-61
161. Lettuce		$	2, 3 M-62
162. Dry onions		$	2, 3 M-63
163. Green peas		$	2, 3 M-64
164. Sweet peppers and pimientos		$	2, 3 M-65
165. Spinach		$	2, 3 M-66
166. Tomatoes		$	2, 3 M-67
167. Watermelons		$	2, 3 M-
168. Other* Specify.		$	2, 3 M-
		$	2, 3 M-
		$	2, 3

List separately any other vegetables sold except Irish and sweet potatoes.

* The following, if for sale, to be reported under Question 168: Globe artichokes. Italian green sprouting broccoli. Brussels sprouts. Cauliflower. Swiss chard. Chayote. Chinese cabbage. Collards. Water cress. Dandelions. Dasheen. Eggplant. Endive. Escarole. Garlic. Horseradish. Kale. Kohlrabi. Mustard (greens). Okra. Green onions and shallots. Parsley. Parsnips. Hot peppers. Pumpkins. Radishes. Rhubarb. Romaine. Rutabagas. Salsify. Squash. Turnips, etc.

For office use only → P 7

HORTICULTURAL SPECIALTIES: Report fractional acreage.

	Area in 1939	Sales in 1939	Code
169. Crops grown under glass (flowers and plants, also vegetables) and propagated mushrooms. Underline which.	(Sq. feet)	$ (Omit cents)	M-69 2, 3
170. Nursery products (trees, shrubs, vines, ornamentals, etc.)	(Acres)	$ (Omit cents)	M-70 2, 3
171. Flower and vegetable seeds, bulbs, and flowers and plants grown in the open. Underline which.	(Acres)	$ (Omit cents)	M-71 2, 3

REGION 3

SMALL FRUITS: Report fractional acreage. NOTE.—Do not report nonbearing acreage.	Acres harvested in 1939	Quantity harvested in 1939	Code
172. Blackberries and dewberries (tame only)		Qt	M-72 2, 3 M-78
178. Raspberries (tame only)		Qt	2, 3 M-81
181. Strawberries		Qt	2, 3 M-
183. Other (specify)		Qt	2, 3 M-
		Qt	2, 3

Report: Blueberries, boysenberries, currants, gooseberries, loganberries, youngberries, etc.

TREE FRUITS, NUTS, AND GRAPES:

184. Land in bearing and nonbearing fruit orchards, vineyards, and planted nut trees, April 1, 1940 (omit nurseries) ..... Acres ..... Report fractional acreage. — N (1st item only) 1, X

KIND OF FRUIT: Report dried fruits on fresh-weight basis. Do not include trees and vines in nursery.	Number of trees or vines, April 1, 1940: Not of bearing age	Of bearing age	Quantity harvested in 1939 Report fruits on fresh basis	Code
185. Apples			Bu	N-85 4, 5, 6 N-86
186. Cherries			Lb	4, 5, 6 N-89
189. Peaches	5	25	Bu	4, 5, 6 N-92
192. Pears			Bu	4, 5, 6 N-95
195. Plums and prunes			Bu	4, 5, 6 N-98
198. Grapes	2		Lb	4, 5, 6 N-99
199. Figs (all varieties)	1		Lb	4, 5, 6
208. Other tree fruits, except citrus. Give name and unit of measure.			Unit	N- 4, 5, 6
			Unit	N- 4, 5, 6
			Unit	N- 4, 5, 6
Report: Apricots, jujubes, nectarines, Japanese persimmons, pomegranates, quinces, etc.				4, 5, 6
210. Improved pecans (budded, grafted, or top-worked)	6		Lb	N-10 4, 5, 6
211. Wild or seedling pecans		7	Lb	7, 8, 9 N-14
214. Tung nuts			Lb	4, 5, 6 N-
215. Other nuts. Specify.			Lb	4, 5, 6 N-
			Lb	4, 5, 6 N-
			Lb	4, 5, 6
Report: Cultivated chestnuts, English or Persian walnuts, etc.				

CITRUS FRUITS: Crop harvested, season of 1939–40. From the bloom of 1939.	Number of trees, April 1, 1940: Not of bearing age	Of bearing age	Quantity harvested in 1939–40 from the bloom of 1939	Code
216. Oranges (satsumas, tangerines, mandarins, etc.)			Bu	N-16 4, 5, 6
228. Other citrus. Give name and unit of measure.			Unit	N- 4, 5, 6
			Unit	N- 4, 5, 6
			Unit	N- 4, 5, 6
Report: Grapefruit, kumquats, lemons, limes, etc.				
229. Value of all fruits and nuts, including small fruits, produced in 1939 (1939–40 season for citrus) that were or are to be sold or traded $ (Omit cents)				P 8

XVI.—VALUE OF PRODUCTS USED AND OF FOREST PRODUCTS SOLD IN 1939

231. Value (estimated) of products of this farm in 1939 that were used by your family and by all households on this farm (meat milk, poultry, eggs, honey, vegetables, fruits, firewood, fuel wood, etc.) $ 800 (Omit cents) — P 9

232. Value of forest products sold in 1939 $ 125 (Omit cents) — 10
Include firewood, fuel wood, standing timber, sawlogs, veneer logs, pulpwood, mine props, tanbark, charcoal, fence posts, railroad ties, poles and piling, turpentine, resin, maple sirup and sugar, etc.

FARM AND RANCH SCHEDULE

OMITTED INQUIRY NUMBERS REPRESENT CROPS WHICH WILL BE INFREQUENTLY REPORTED IN

XIV.—LIVESTOCK, APRIL 1, 1940, AND LIVESTOCK PRODUCTS, 1939

Include animals on this farm or ranch, whether belonging to the farm operator or not, also animals belonging to this farm but grazing in national forests or on open range.

	Total over 3 months old	3- to 27-month-old colts	Code
51. Horses of all kinds, including ponies, April 1, 1940 — Number	2		E 1, 2
52. Mules, April 1, 1940 — Number			3, 4
53. Cattle and calves *over 3 months old*, Apr. 1, 1940 — Number	26		5
Of this number, how many were—			
54. Cows and heifers that were 2 years old and over on January 1, 1940, and are— (*a*) Kept mainly for milk production? — Number	2		6
(*b*) Kept mainly for beef production? — Number	15		7
Cows milked and dairy products, 1939:			
55. Total cows milked during any part of 1939 (include heifers milked) — Number	3		8
56. Milk produced in 1939 (report in gallons: 8.6 pounds=1 gallon) — Gallons	800		9
Report all milk produced, whether consumed, sold, fed to stock, or otherwise disposed of.			
57. Butter churned on farm in 1939 — Pounds	250		10

58. Whole milk sold in 1939 — Gallons	59. Cream sold in 1939 (Butterfat content) — Pounds of butterfat	60. Butter sold in 1939 — Pounds	Code
			11, 12, 13

	Code
61. Value of all dairy products sold or traded in 1939—milk, cream, butter, cheese, etc. (Omit cents) — $	P 1
62. Sheep and lambs *over 6 months old*, April 1, 1940 — Number	E 14
Of this number how many were—	
63. Yearling ewes? — Number	15
64. Other ewes? — Number	16

NOTE.—If this farm has sheep on hand and no wool shorn in 1939, EXPLAIN.

65. Sheep and lambs shorn in 1939	Number shorn	Pounds of wool shorn	Code
Report the number of sheep and lambs shorn and not the number of fleeces. If shorn twice, write "Shorn twice."			17, 18

	Code
66. Hogs *over 4 months old*, April 1, 1940 — Number 13	19
Of this number, how many were—	
67. Sows and gilts that farrowed since Dec. 1, 1939, or will farrow before June 1, 1940? — Number	20

68. Animals butchered in 1939 for use on this farm or for sale from this farm — Number	Cattle (excl. calves) 1.	Calves 2.	Hogs and pigs 3.	Sheep and lambs 4.	Code
			4		F 1, 2, 3, 4

69. Goats and kids *over 4 months old*, April 1, 1940 — Number	Angoras	Other	Code
			5, 6
70. Mohair and kid hair clipped in 1939 — Pounds			7
71. Goats milked during any part of 1939 — Number			8

Livestock purchases and sales:	Cattle (excl. calves) 1.	Calves 2.	Hogs and pigs 3.	Sheep and lambs 4.	Code
72. Bought in 1939 — Number			8		9, 10, 11, 12
73. Sold alive in 1939 — Number					13, 14, 15, 16

	Code
74. Value of all livestock sold or traded in 1939, except poultry, bees, and fur animals. (Omit cents) — $	P 2

NOTE.—If this farm has chickens on hand but raised none or produced no eggs in 1939, EXPLAIN.

	Number on hand over 4 months old on April 1, 1940	Number raised in 1939	For office use only	Code
75. Chickens	550	800		G 1, 2
76. Turkeys				3, 4
77. Ducks				5, 6
78. Other (specify)				7, 8

Report separately geese, guineas, pigeons, quail, pheasants, etc.

	Code
79. Total chickens sold (including broilers and fryers) alive or dressed in 1939 — Number 250	9
Omit any sold as baby chicks.	
80. Chicken eggs produced in 1939 — Dozens 5400	10
81. Value of all poultry, eggs, baby chicks, poults, etc., sold or traded in 1939. (Omit cents) — $ 125	P 3
82. Hives of bees, April 1, 1940: (*a*) Owned by others, but kept on this farm — Number	G 11
(*b*) Owned by you, on this farm and on non-farm land such as deserts, hills, swamps, etc. — Number 3	12
83. Honey produced by your bees in 1939 — Pounds 40	13

FUR ANIMALS IN CAPTIVITY:	Silver fox	Mink	Code
84. Females *over 3 months old*, April 1, 1940 — Number			14, 15
85. Pelts taken in 1939 — Number			16, 17
Include only pelts taken from silver foxes and minks kept in captivity.			

	Code
86. Value of wool, mohair, meat, hides, etc., bees, honey, wax, and fur animals and pelts sold or traded in 1939. (Omit cents) — $	P 4

XV.—CROPS HARVESTED ON THIS FARM IN 1939

	Acres harvested in 1939	Quantity harvested in 1939	Code
CORN: Omit sweet corn (except for silage primarily). Also omit popcorn, "Egyptian corn," kafir, and milo maize. If grown with other crops, report total acreage of mixture. NOTE.—The sum of the acres reported under Questions 88–90 must equal the answer to Question 87.			H-1
87. Total acreage of corn for all purposes	18	x x x x x	1, X, X
88. Corn for grain, whether snapped, husked, or machine-harvested for grain. 56 lb. shelled corn or 70 lb. ear corn=1 bu.	18	Bu. 275	4, 5, X
89. Corn cut for silage		Tons	7, 8, X
90. Whole plant hogged or grazed off by livestock, or cut for green or dry fodder and not husked or snapped		x x x x x	10, X, X
SORGHUMS: "Egyptian corn," kafir, milo, hegari, atlas, sorghum cane, sweet sorghums, etc.			H-2
91. All sorghums harvested for grain. Either threshed or fed in the head after cutting from stalk. 1 ton heads=25 bushels grain.		Bu	1, 2, X
92. All sorghums cut for silage only (green wt.)		Tons	4, 5, X
93. All sorghums cut for hay or fodder (dry wt.). Heads not cut off or threshed.		Tons	7, 8, X
94. Sweet sorghums harvested for sirup. Omit cane grown from stalks or cuttings. Report fractional acreage.		Gal.	10, 11, X
SMALL GRAINS threshed (or combined): NOTE.—Report grain hay under Question 121.			H-3
96. Oats threshed (or combined)		Bu	1, 2, X
97. Oats cut for grain when ripe or nearly ripe and fed unthreshed (omit oat hay)		x x x x x	4, X, X
			J-99
99. Rye threshed (or combined)		Bu	2, 3, X
			J-07
107. Rice (rough or paddy) threshed (or combined)		162-lb. bbl.	2, 3, X

ANNUAL LEGUMES for all purposes, except plowed under for green manure:

Where grown with corn or other crops, report acreage of mixture in second column. The annual legumes cured for hay included under Questions 108–115 must also be reported under Question 116. Report fractional acreage.	Acres grown in 1939: Alone	Acres grown in 1939: With other crops	Nuts, peas, beans, and seed harvested in 1939	Code
				K-8
108. Soybeans, total		3	x x x x x	2, 3, X, X
For hay, beans, grazed or hogged off.				
(*a*) Harvested for beans only			Bu	6, 7, 8, X
				K-9
109. Peanuts, total		10	x x x x x	2, 3, X, X
For hay, nuts, grazed or hogged off.				
(*a*) Harvested for picking and threshing			Lb.	6, 7, 8, X
				K-0
110. Cowpeas, total		12	x x x x x	2, 3, X, X
For hay, peas, grazed or hogged off.				
(*a*) Harvested for peas			Bu	6, 7, 8, X
				K-1
111. Vetches, velvetbeans, mung and horse beans (underline kind)			Bu	2, 3, 4, X
112. Other dry field and seed beans (navy, pea bean, Great Northern, kidney, lima, pinto, etc.) and lentils			Bu	K-2 2, 3, 4, X
Underline or give kind. Report green lima, snap, string, and wax beans under vegetables.				K-5
115. Dry field and seed peas (specify kind)			Bu	2, 3, 4, X
Omit cowpeas. Report peas harvested green under vegetables.				

HAY CROPS: For each hay, give total production all cuttings, counting only once acres of land on which grown.

116. HAY FROM:		Acres harvested in 1939	Quantity harvested in 1939	Code
Cowpeas. Peanuts. Canada peas. Austrian peas. Other peas. Vetches. Crotalaria.	Soybeans. Velvetbeans. Horsebeans. Mungbeans. Other beans. Beggarweed. Lupines		Tons	J-16 2, 3, X
Underline kind. Acres for hay included under Questions 108–115 must be reported here also. Include peanut vines saved for hay, but omit "straw" where beans or peas have been threshed.				
117. Alfalfa cut for hay			Tons	J-17 2, 3, X
118. Sweetclover cut for hay			Tons	J-18 2, 3, X
119. Lespedeza cut for hay			Tons	J-19 2, 3, X
120. Clover or timothy, alone or mixed, cut for hay (do not include sweetclover)			Tons	J-20 2, 3, X
121. Small grain hay—wheat, oats, barley, rye, etc. Underline or give kind. Omit oats reported under Question 97.			Tons	J-21 2, 3, X
122. All other tame hay cut. Include old meadows, millet, Sudan, Johnson grass, orchard grass, redtop, crested wheatgrass, etc. Underline or give kind.		8	Tons 4	J-22 2, 3, X
123. Wild hay cut—marsh, prairie, or range grasses			Tons	J-23 2, 3, X

FARM AND RANCH SCHEDULE

THIS STATE. WHERE FRACTIONAL ACREAGE OR PRODUCTION IS REQUIRED, REPORT AS: 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/8, ETC.

SCHEDULE No. 3 7

THE ABOVE SPACE FOR OFFICE USE ONLY

STATE Florida.

REGION 4

CLOVER AND GRASS SEEDS: Report on "country-run" basis.	Acres harvested in 1939	Quantity harvested in 1939	Code
			J-24
124. Alfalfa seed		Bu	2,3,X J-25
125. Sweetclover seed		Bu	2,3,X J-26
126. Lespedeza seed. Korean, Kobe, sericea, etc. Underline or give kind.		Lb	2,3,X J-27
127. Clover seed. Red, mammoth, Ladino, alsike, crimson, white Dutch, etc. Underline or give kind.		Bu	2,3,X J-28
128. Grass seed. Timothy, redtop, bluegrass, millet, Sudan, canary, bent, ryegrass, crested wheatgrass, etc. Underline or give kind.		Bu	2,3,X

MISCELLANEOUS CROPS: Report fractional acreage.			Code
129. Irish potatoes. Grown for home use or for sale.	5	Bu 300	L-29 1,2,X
130. Cotton harvested. If sold in the seed, estimate square bales of lint.		Running square bales (Fractions)	L-30 1,2,X
131. Sweetpotatoes and yams. Grown for home use or for sale.		Bu	L-31 1,2,X
132. Tobacco (total, all types). Give type number or local designation. If more than 1 type, give separate reports for each below:		Lb	L-32 1,2,X
		Lb	
		Lb	L-33
133. Sugarcane (not sorghum) for sirup. Include both thick and slender stalk varieties grown from stalks, cuttings, or stubble.		Gal (Sirup)	1,2,X L-34
134. Sugarcane cut for sugar or sale to mills		Tons (Cane)	1,2,X L-40
140. Silage crops, other than corn and sorghums (specify). Alfalfa silage, soybean silage, oat silage, etc. Omit byproducts, as beet tops and pulp, pea vines, etc.		Tons	1,2,X L-41
141. Root and grain crops (other than corn and annual legumes) hogged or grazed off		x x x x x Unit	1,X,X L-
142. Other field crops not elsewhere reported. Give name and unit of measure.		Unit	1,2,X L- 1,2,X

Report: Barley, cassava, chufas, ginseng, golden seal, kudzu, wheat, etc.

		Code
143. Value of the crops reported under Questions 87–142 (including landlord's share) which were or are to be sold or traded $ 575 (Omit cents)		P 5
VEGETABLES FOR FARM HOUSEHOLD(S') USE:		
144. Value of vegetables grown on this farm in 1939 for consumption by your family and by all households on this farm $ 60 (Omit cents). Omit Irish and sweet potatoes, also any vegetables fed to animals.		M-44 X,X,3

VEGETABLES harvested in 1939 FOR SALE (not for home use): Include vegetables sold to canneries. NOTE.—Where a crop was harvested following another on the same land during the year, report acreage for each crop. For office use only → 2825 — P 6

Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code	Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code
			M-46				M-61
146. Asparagus		$	2,3	161. Lettuce		$	2,3
147. Green lima beans	10	$ 1200	M-47 2,3	163. Dry onions		$	M-62 2,3
148. Snap, string, or wax beans	10	$ 700	M-48 2,3	163. Green peas	3	$ 75	M-63 2,3
			M-51	164. Sweet peppers and pimientos	1/2	$ 300	M-64
151. Cabbage		$	2,3				2,3 M-65
153. Cantaloups, muskmelons, honeyballs, honeydews, casabas, Persian, etc.		$	M-52 2,3 M-53	165. Spinach		$	2,3 M-66
153. Carrots		$	2,3 M-55	166. Tomatoes	1/2	$ 50	2,3 M-67
155. Celery		$	2,3 M-56	167. Watermelons		$	2,3 M-
156. Sweet corn		$	2,3 M-57	168. Other * (specify) Squash	10	$ 500	2,3 M-
157. Cucumbers		$	2,3 M-58			$	2,3
158. Eggplant		$	2,3	List separately any other vegetables sold except Irish and sweet potatoes.			

* The following, if for sale, to be reported under Question 163: Globe artichokes. Beets (table). Italian green sprouting broccoli. Brussels sprouts. Cauliflower. Swiss chard. Chayote. Chinese cabbage. Collards. Water cress. Dandelions. Dasheen. Endive. Escarole. Garlic. Horseradish. Kale. Kohlrabi. Mustard (greens). Okra. Green onions and shallots. Parsley. Parsnips. Hot peppers. Pumpkins. Radishes. Rhubarb. Romaine. Rutabagas. Salsify. Squash. Turnips, etc.

HORTICULTURAL SPECIALTIES: Report fractional acreage. For office use only → — P 7

	Area in 1939	Sales in 1939	Code
169. Crops grown under glass (flowers and plants, also vegetables) and propagated mushrooms. Underline which.	(Sq. feet)	$ (Omit cents)	M-69 2,3
170. Nursery products (trees, shrubs, vines, ornamentals, etc.)	(Acres)	$ (Omit cents)	M-70 2,3
171. Flower and vegetable seeds, bulbs, and flowers and plants grown in the open. Underline which.	(Acres)	$ (Omit cents)	M-71 2,3

SMALL FRUITS: Report fractional acreage. NOTE.—Do not report nonbearing acreage.	Acres harvested in 1939	Quantity harvested in 1939	Code
172. Blackberries and dewberries (tame only)		Qt	M-72 2,3 M-81
181. Strawberries		Qt	2,3 M-
183. Other (specify)		Qt	2,3 M-
Blueberries	1/8	Qt 100	2,3

Report: Blueberries, boysenberries, currants, gooseberries, loganberries, raspberries, youngberries, etc.

TREE FRUITS, NUTS, AND GRAPES:	Number of trees or vines, April 1, 1940: Not of bearing age	Of bearing age	Quantity harvested in 1939 Report fruits on fresh basis	Code
184. Land in bearing and nonbearing fruit orchards, vineyards, and planted nut trees, April 1, 1940 (omit nurseries) Acres 44. Report fractional acreage.				0 (1st item only) 1,X
KIND OF FRUIT: Report dried fruits on fresh-weight basis. Do not include trees and vines in nursery.				
189. Peaches		30	Bu Frosted	0-89 4,5,6 0-92
192. Pears		8	Bu 20	4,5,6 0-95
195. Plums and prunes		6	Bu 2	4,5,6 0-98
198. Grapes			Lb	4,5,6 0-99
199. Figs (all varieties)			Lb	4,5,6 0-03
203. Japanese persimmons		4	Lb 3	4,5,6 0-04
204. Avocados			Lb	4,5,6 0-06
206. Guavas			Lb	4,5,6 0-07
207. Papayas			Lb	4,5,6
208. Other tree fruits, except citrus. Give name and unit of measure.			Unit	0- 4,5,6 0- 4,5,6

Report: Apples, apricots, bananas, jujubes, loquats, mangoes, nectarines, pineapples, pomegranates, sapodillas, sugar apples, etc.

210. Improved pecans (budded, grafted, or top-worked)	4	150	Lb 6000	0-10 4,5,6
211. Wild or seedling pecans		12	Lb 300	7,8,9 0-14
214. Tung nuts			Lb	4,5,6 0-
215. Other nuts (Specify)			Lb	4,5,6 0-
			Lb	4,5,6

Report: Cultivated chestnuts, coconuts, English or Persian walnuts, etc.

CITRUS FRUITS: Crop harvested, season of 1939–40. From the bloom of 1939.	Number of trees, April 1, 1940: Not of bearing age	Of bearing age	Quantity harvested in 1939–40 from the bloom of 1939	Code
217. Satsuma oranges		12	Field boxes 6	0-16 4,5,6
218. Tangerines and mandarins		8	Field boxes 4	7,8,9
219. Other early and midseason oranges		12	Field boxes 30	10, 11, 12
220. Valencia and other late oranges			Field boxes	13, 14, 15
			Field boxes	0-23 4,5,6
224. Seedless grapefruit. Marsh, etc.			Field boxes	7,8,9
225. All other grapefruit			Field boxes	0-26 4,5,6
226. Lemons				0-27
227. Limes			Lb	4,5,6
228. Other citrus. Give name and unit of measure.			Unit	0- 4,5,6 0- 4,5,6

Report: Citrons, kumquats, limequats, etc.

		Code
229. Value of all fruits and nuts, including small fruits, produced in 1939 (1939–40 season for citrus) that were or are to be sold or traded $ 600 (Omit cents)		P 8

XVI.—VALUE OF PRODUCTS USED AND OF FOREST PRODUCTS SOLD IN 1939

		Code
231. Value (estimated) of products of this farm in 1939 that were used by your family and by all households on this farm (meat, milk, poultry, eggs, honey, vegetables, fruits, firewood, fuel wood, etc.) $ 200 (Omit cents)		P 9
232. Value of forest products sold in 1939 $ (Omit cents). Include firewood, fuel wood, standing timber, sawlogs, veneer logs, pulpwood, mine props, tanbark, charcoal, fence posts, railroad ties, poles and piling, turpentine, resin, maple sirup and sugar, etc.		10

FARM AND RANCH SCHEDULE

OMITTED INQUIRY NUMBERS REPRESENT CROPS WHICH WILL BE INFREQUENTLY REPORTED IN THIS

XIV.—LIVESTOCK, APRIL 1, 1940, AND LIVESTOCK PRODUCTS, 1939

Include animals on this farm or ranch, whether belonging to the farm operator or not, also animals belonging to this farm but grazing in national forests or on open range.

	Total over 3 months old	3- to 27-month-old colts	Code
51. Horses of all kinds, including ponies, April 1, 1940 — Number	7		E 1, 2
52. Mules, April 1, 1940 — Number			3, 4
53. Cattle and calves *over 3 months old*, Apr. 1, 1940 — Number	22		5
Of this number, how many were—			
54. Cows and heifers that were 2 years old and over on January 1, 1940, and are—			
(a) Kept mainly for milk production? — Number	5		6
(b) Kept mainly for beef production? — Number	5		7
Cows milked and dairy products, 1939:			
55. Total cows milked during any part of 1939 (include heifers milked) — Number	12		8
56. Milk produced in 1939 (report in gallons: 8.6 pounds = 1 gallon) — Gallons	7000		9
Report all milk produced, whether consumed, sold, fed to stock, or otherwise disposed of.			
57. Butter churned on farm in 1939 — Pounds	150		10

58. Whole milk sold in 1939 — Gallons	59. Cream sold in 1939 (Butterfat content) — Pounds of butterfat	60. Butter sold in 1939 — Pounds	Code
	2080		11, 12, 13

	Code
61. Value of all dairy products sold or traded in 1939—milk, cream, butter, cheese, etc. (Omit cents) — $ 520	P 1
62. Sheep and lambs *over 6 months old*, April 1, 1940 — Number	E 14
Of this number how many were—	
63. Yearling ewes? — Number	15
64. Other ewes? — Number	16

NOTE.—If this farm has sheep on hand and no wool shorn in 1939, EXPLAIN.

65. Sheep and lambs shorn in 1939 — Number shorn	Pounds of wool shorn	Code
		17, 18

Report the number of sheep and lambs shorn and not the number of fleeces. If shorn twice, write "Shorn twice."

	Code
66. Hogs *over 4 months old*, April 1, 1940 — Number 8	19
Of this number, how many were—	
67. Sows and gilts that farrowed since Dec. 1, 1939, or will farrow before June 1, 1940? — Number 3	20

68. Animals butchered in 1939 for use on this farm or for sale from this farm — Number	Cattle (excl. calves) 1.	Calves 2.	Hogs and pigs 3.	Sheep and lambs 4.	Code
	1		4		F 1, 2, 3, 4

			Code
69. Goats and kids *over 4 months old*, April 1, 1940 — Number	Angoras	Other	5, 6
70. Mohair and kid hair clipped in 1939 — Pounds			7
71. Goats milked during any part of 1939 — Number			8

Livestock purchases and sales:	Cattle (excl. calves) 1.	Calves 2.	Hogs and pigs 3.	Sheep and lambs 4.	Code
72. Bought in 1939 — Number					9, 10, 11, 12
73. Sold alive in 1939 — Number		7	18		13, 14, 15, 16

	Code
74. Value of all livestock sold or traded in 1939, except poultry, bees, and fur animals. (Omit cents) — $ 315	P 2

NOTE.—If this farm has chickens on hand but raised none or produced no eggs in 1939, EXPLAIN.

	Number on hand over 4 months old on April 1, 1940	Number raised in 1939	For office use only	Code
75. Chickens	75	300		G 1, 2
76. Turkeys	7	32		3, 4
77. Ducks				5, 6
78. Other (specify) Pigeons	30	6		7, 8

Report separately geese, guineas, pigeons, quail, pheasants, etc.

	Code
79. Total chickens sold (including broilers and fryers) alive or dressed in 1939 — Number 100	9
Omit any sold as baby chicks.	
80. Chicken eggs produced in 1939 — Dozens 365	10
81. Value of all poultry, eggs, baby chicks, poults, etc., sold or traded in 1939. (Omit cents) — $ 115	P 3
82. Hives of bees, April 1, 1940:	G
(a) Owned by others, but kept on this farm — Number	11
(b) Owned by you, on this farm and on non-farm land such as deserts, hills, swamps, etc. — Number	12
83. Honey produced by your bees in 1939 — Pounds	13

FUR ANIMALS IN CAPTIVITY:	Silver fox	Mink	Code
84. Females *over 3 months old*, April 1, 1940 — Number			14, 15
85. Pelts taken in 1939 — Number			16, 17

Include only pelts taken from silver foxes and minks kept in captivity.

	Code
86. Value of wool, mohair, meat, hides, etc., bees, honey, wax, and fur animals and pelts sold or traded in 1939. (Omit cents) — $ 5	P 4

XV.—CROPS HARVESTED ON THIS FARM IN 1939

	Total acres harvested in 1939	Total quantity harvested in 1939	Irrigated acres harvested in 1939	Code
CORN: Omit sweet corn (except for silage primarily). Also omit popcorn, "Egyptian corn," kafir, and milo maize. If grown with other crops, report total acreage of mixture. NOTE.—The sum of the acres reported under Q. 88-90 must equal the answer to Q. 87.				H-1
87. Total acreage of corn for all purposes	48	x x x x		1, X, 3
88. Corn for grain, whether snapped, husked, or machine-harvested for grain — 56 lb. shelled corn or 70 lb. ear corn = 1 bu.	38	Bu 152		4, 5, 6
89. Corn cut for silage		Tons		7, 8, 9
90. Whole plant hogged or grazed off by livestock, or cut for green or dry fodder and not husked or snapped	10	x x x x		10, X, 12
SORGHUMS: "Egyptian corn," kafir, milo, hegari, atlas, sorghum cane, sweet sorghums, etc.				H-2
91. All sorghums harvested for grain — Either threshed or fed in the head after cutting from stalk. 1 ton heads = 25 bu. grain.		Bu		1, 2, 3
92. All sorghums cut for silage only — Green weight.		Tons		4, 5, 6
93. All sorghums cut for hay or fodder — Heads not cut off or threshed. Dry weight.		Tons		7, 8, 9
94. Sweet sorghums harvested for sirup — Omit cane grown from stalks or cuttings. Report fractional acreage.		Gal		10, 11, 12
SMALL GRAINS threshed (or combined): NOTE.—Report grain hay under Question 121.				J-95
95. Mixed grains, other than a flax and wheat mixture — Wheat and oats; wheat and barley; wheat and rye; oats and barley; oats and peas; etc. Underline or give mixture.		Bu		2, 3, 4
				H-3
96. Oats threshed (or combined)	15	Bu 30		1, 2, 3
97. Oats cut for grain when ripe or nearly ripe and fed unthreshed — Omit oat hay.		x x x x		4, X, 6
				J-98
98. Barley threshed (or combined)	20	Bu 200		2, 3, 4
				J-99
99. Rye threshed (or combined)		Bu		2, 3, 4
				J-00
100. Flax threshed (or combined) — Where flax and wheat were grown together, report one-half the acreage under each crop.		Bu		2, 3, 4
				H-4
101. Winter wheat (fall or winter sown) threshed (or combined)	12	Bu 192		1, 2, 3
102. Durum and macaroni wheat (spring sown) threshed (or combined)		Bu		4, 5, 6
103. Other spring wheat (spring sown) threshed (or combined)	20	Bu 95		7, 8, 9
				J-05
105. Emmer and spelt threshed (or combined). Underline which		Bu		2, 3, 4
				J-06
106. Buckwheat threshed (or combined)		Bu		2, 3, 4

ANNUAL LEGUMES for all purposes, except plowed under for green manure: Where grown with corn or other crops, report acreage of mixture in second column. The annual legumes cured for hay included under Q. 108-115 must also be reported under Q. 116. Report fractional acreage.	Total acres grown in 1939: Alone	Total acres grown in 1939: With other crops	Peas, beans, and seed harvested in 1939	Irrigated acres grown in 1939	Code
					K-8
108. Soybeans, total — For hay, beans, grazed or hogged off.			x x x x		2, 3, X, 5
(a) Harvested for beans only			Bu		6, 7, 8, 9
					K-0
110. Cowpeas, total — For hay, peas, grazed or hogged off.			x x x x		2, 3, X, 5
(a) Harvested for peas			Bu		6, 7, 8, 9
111. Vetches, velvetbeans, mung and horse beans — Underline kind.			Bu		K-1 2, 3, 4, 5
112. Other dry field and seed beans (navy, pea bean, Great Northern, kidney, lima, pinto, etc.) and lentils — Underline or give kind. Report green lima, snap, string, and wax beans under vegetables.			Bu		K-2 2, 3, 4, 5
115. Dry field and seed peas (specify kind) — Omit cowpeas. Report peas harvested green under vegetables.			Bu		K-5 2, 3, 4, 5

HAY CROPS: For each hay, give total production all cuttings, counting only once acres of land on which grown.	Total acres harvested in 1939	Total quantity harvested in 1939	Irrigated acres harvested in 1939	Code
116. HAY FROM: Cowpeas. Soybeans. Peanuts. Velvetbeans. Canada peas. Horsebeans. Austrian peas. Mungbeans. Other peas. Other beans. Vetches. Beggarweed. Crotalaria. Lupines — Underline kind. Acres for hay included under Q. 108-115 must be reported here also. Include peanut vines saved for hay, but omit "straw" where beans or peas have been threshed.		Tons		J-16 2, 3, 4
117. Alfalfa cut for hay	20	Tons 8		J-17 2, 3, 4
118. Sweetclover cut for hay		Tons		J-18 2, 3, 4
119. Lespedeza cut for hay		Tons		J-19 2, 3, 4
120. Clover or timothy, alone or mixed, cut for hay (do not include sweetclover)		Tons		J-20 2, 3, 4
121. Small grain hay—wheat, oats, barley, rye, etc — Underline or give kind. Omit oats reported under Question 97.		Tons		J-21 2, 3, 4
122. All other tame hay cut — Include old meadows, millet, Sudan, Johnson grass, orchard grass, redtop, crested wheatgrass, etc. Underline or give kind.	12	Tons 10		J-22 2, 3, 4
123. Wild hay cut—marsh, prairie, or range grasses	10	Tons 10		J-23 2, 3, 4

FARM AND RANCH SCHEDULE

GENERAL AREA. WHERE FRACTIONAL ACREAGE OR PRODUCTION IS REQUIRED, REPORT AS: 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/8, ETC.

SCHEDULE No. 3 9

THE ABOVE SPACE FOR OFFICE USE ONLY

STATES

Colorado.
Kansas.
Montana.
Nebraska.
North Dakota.
South Dakota.
Wyoming.

* The following, if for sale, to be reported under Question 168: Globe artichokes. Beets (table). Italian green sprouting broccoli. Brussels sprouts. Swiss chard. Chinese cabbage. Collards. Water cress. Dandelions. Eggplant. Endive. Escarole. Garlic. Horseradish. Kale. Kohlrabi. Mustard (greens). Okra. Green onions and shallots. Parsley. Parsnips. Hot peppers. Sweet peppers and pimientos. Pumpkins. Radishes. Rhubarb. Romaine. Rutabagas. Salsify. Squash. Turnips, etc.

REGION 5

CLOVER AND GRASS SEEDS:

Report on "country-run" basis.

	Total acres harvested in 1939	Total quantity harvested in 1939	Irrigated acres harvested in 1939	Code
124. Alfalfa seed		Bu		J-24 / 2, 3, 4
125. Sweetclover seed		Bu		J-25 / 2, 3, 4
126. Lespedeza seed (Korean, Kobe, sericea, etc. Underline or give kind.)		Lb		J-26 / 2, 3, 4
127. Clover seed (Red, mammoth, Ladino, alsike, crimson, white Dutch, etc. Underline or give kind.)		Bu		J-27 / 2, 3, 4
128. Grass seed (Timothy, redtop, bluegrass, millet, Sudan, canary, bent, ryegrass, crested wheatgrass, etc. Underline or give kind.)		Bu		J-28 / 2, 3, 4

MISCELLANEOUS CROPS:

Report fractional acreage.

129. Irish potatoes (Grown for home use or for sale.)	1	Bu 5		L-29 / 1, 2, 3
131. Sweetpotatoes and yams (Grown for home use or for sale.)		Bu		L-31 / 1, 2, 3
132. Tobacco		Lb		L-32 / 1, 2, 3
135. Sugar beets harvested for sugar		Tons		L-35 / 1, 2, 3
137. Broomcorn		Lb		L-37 / 1, 2, 3
138. Popcorn		Bu		L-38 / 1, 2, 3
140. Silage crops, other than corn and sorghums (specify) (Alfalfa silage, soybean silage, oat silage, etc. Omit byproducts, as beet tops and pulp, pea vines, etc.)		Tons		L-40 / 1, 2, 3
141. Root and grain crops (other than corn and annual legumes) hogged or grazed off	4	x x x x x Unit		L-41 / 1 X, 3
142. Other field crops not elsewhere reported (Give name and unit of measure.)		Unit		L- / 1, 2, 3
				L- / 1, 2, 3

Report: Ginseng. Mustard seed. Pumpkins for feed. Sunflower seed, etc. Cotton. Golden seal. Peanuts. Rice.

143. Value of the crops reported under Questions 87–142 (including landlord's share) which were or are to be sold or traded $ 132 (Omit cents) — P / 5

VEGETABLES FOR FARM HOUSEHOLD(S') USE:

144. Value of vegetables grown on this farm in 1939 for consumption by your family and by all households on this farm $ (Omit cents) — M-44 / X, X, 3

Omit Irish and sweet potatoes, also any vegetables fed to animals.

VEGETABLES harvested in 1939 FOR SALE (not for home use):

Include vegetables sold to canneries.

NOTE.—Where a crop was harvested following another on the same land during the year, report acreage for each crop.

For office use only → P / 6

Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code
			M-46
146. Asparagus		$	2, 3
147. Green lima beans		$	M-47 / 2, 3
148. Snap, string, or wax beans		$	M-48 / 2, 3
			M-51
151. Cabbage		$	2, 3
152. Cantaloups, muskmelons, honeyballs, honeydews, casabas, Persian, etc.		$	M-52 / 2, 3
			M-53
153. Carrots		$	2, 3
			M-54
154. Cauliflower		$	2 3
			M-55
155. Celery		$	2, 3
			M-56
156. Sweet corn		$	2, 3
			M-57
157. Cucumbers		$	2, 3

Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code
			M-61
161. Lettuce		$	2, 3
			M-62
162. Dry onions		$	2, 3
			M-63
163. Green peas		$	2, 3
			M-65
165. Spinach		$	2, 3
			M-66
166. Tomatoes		$	2, 3
			M-67
167. Watermelons		$	2, 3
			M-
168. Other* (Specify.)		$	2, 3
			M-
		$	2, 3
			M-
		$	2, 3

List separately any other vegetables sold except Irish and sweet potatoes.

HORTICULTURAL SPECIALTIES:

Report fractional acreage.

For office use only → P / 7

	Area in 1939	Sales in 1939	Code
169. Crops grown under glass (flowers and plants, also vegetables) and propagated mushrooms. Underline which.	(Sq. feet)	$ (Omit cents)	M-69 / 2, 3
170. Nursery products (trees, shrubs, vines, ornamentals, etc.)	(Acres)	$ (Omit cents)	M-70 / 2, 3
171. Flower and vegetable seeds, bulbs, and flowers and plants grown in the open. Underline which.	(Acres)	$ (Omit cents)	M-71 / 2, 3

SMALL FRUITS:

Report fractional acreage.

NOTE.—Do not report nonbearing acreage.

	Acres harvested in 1939	Quantity harvested in 1939	Code
172. Blackberries and dewberries (tame only)		Qt	M-72 / 2, 3
178. Raspberries (tame only)		Qt	M-78 / 2, 3
181. Strawberries		Qt	M-81 / 2, 3
183. Other (specify)		Qt	M- / 2, 3
		Qt	M- / 2, 3
		Qt	M- / 2, 3

Report: Blueberries, boysenberries, cranberries, currants, gooseberries, loganberries, youngberries, etc.

TREE FRUITS, NUTS, AND GRAPES:

	Total acres, April 1, 1940	Acres irrigated in 1939	N (1st item only)
184. Land in bearing and nonbearing fruit orchards, vineyards, and planted nut trees, April 1, 1940 (omit nurseries)			1, 2

Report fractional acreage.

KIND OF FRUIT: Report dried fruits on fresh-weight basis. Do not include trees and vines in nursery.	Number of trees or vines, April 1, 1940: Not of bearing age	Of bearing age	Quantity harvested in 1939 Report fruits on fresh basis	Code
185. Apples			Bu	N-85 / 4, 5, 6
187. Sour cherries			Lb	N-86 / 4, 5, 6
188. Sweet cherries			Lb	7, 8, 9
189. Peaches			Bu	N-89 / 4, 5, 6
192. Pears			Bu	N-92 / 4, 5, 6
195. Plums and prunes			Bu	N-95 / 4, 5, 6
198. Grapes			Lb	N-98 / 4, 5, 6
200. Apricots			Bu	N-00 / 4, 5, 6
208. Other tree fruits (Give name and unit of measure.)			Unit	N- / 4, 5, 6
			Unit	N- / 4, 5, 6
			Unit	N- / 4, 5, 6
			Unit	N- / 4, 5, 6

Report: Nectarines, quinces, etc.

210. Improved pecans (budded, grafted, or top-worked)			Lb	N-10 / 4, 5, 6
211. Wild or seedling pecans			Lb	7, 8, 9
215. Other nuts (Specify.)			Lb	N- / 4, 5, 6
			Lb	N- / 4, 5, 6
			Lb	N- / 4, 5, 6

Report: English or Persian walnuts, etc.

229. Value of all fruits and nuts, including small fruits, produced in 1939 that were or are to be sold or traded $ (Omit cents) — P / 8

XVI.—VALUE OF PRODUCTS USED AND OF FOREST PRODUCTS SOLD IN 1939

231. Value (estimated) of products of this farm in 1939 that were used by your family and by all households on this farm (meat, milk, poultry, eggs, honey, vegetables, fruits, firewood, fuel wood, etc.) $ 200 (Omit cents) — P / 9

232. Value of forest products sold in 1939 $ 150 (Omit cents) — 10

Include firewood, fuel wood, standing timber, sawlogs, veneer logs, pulpwood, mine props, tanbark, charcoal, fence posts, railroad ties, poles and piling, turpentine, resin, maple sirup and sugar, etc.

FARM AND RANCH SCHEDULE

OMITTED INQUIRY NUMBERS REPRESENT CROPS WHICH WILL BE INFREQUENTLY REPORTED IN THIS

XIV.—LIVESTOCK, APRIL 1, 1940, AND LIVESTOCK PRODUCTS, 1939

Include animals on this farm or ranch, whether belonging to the farm operator or not, also animals belonging to this farm but grazing in national forests or on open range.

	Total over 3 months old	3- to 27-month-old colts	Code
51. Horses of all kinds, including ponies, April 1, 1940 — Number	2		E 1, 2
52. Mules, April 1, 1940 — Number	2		3, 4
53. Cattle and calves *over 3 months old*, Apr. 1, 1940 — Number	24		5
Of this number, how many were—			
54. Cows and heifers that were 2 years old and over on January 1, 1940, and are— (a) Kept mainly for milk production? — Number	6		6
(b) Kept mainly for beef production? — Number	4		7
Cows milked and dairy products, 1939:			
55. Total cows milked during any part of 1939 (include heifers milked) — Number	8		8
56. Milk produced in 1939 (report in gallons: 8.6 pounds=1 gallon) — Gallons	2500		9
Report all milk produced, whether consumed, sold, fed to stock, or otherwise disposed of.			
57. Butter churned on farm in 1939 — Pounds	150		10

58. Whole milk sold in 1939 — Gallons	59. Cream sold in 1939 (Butterfat content) — Pounds of butterfat	60. Butter sold in 1939 — Pounds	Code
	520		11, 12, 13

		Code
61. Value of all dairy products sold or traded in 1939—milk, cream, butter, cheese, etc. (Omit cents) — $	135	P 1
62. Sheep and lambs *over 6 months old*, April 1, 1940 — Number		E 14
Of this number how many were—		
63. Yearling ewes? — Number		15
64. Other ewes? — Number		16

NOTE.—If this farm has sheep on hand and no wool shorn in 1939, EXPLAIN.

65. Sheep and lambs shorn in 1939	Number shorn	Pounds of wool shorn	Code
Report the number of sheep and lambs shorn and not the number of fleeces. If shorn twice, write "Shorn twice."			17, 18

		Code
66. Hogs *over 4 months old*, April 1, 1940 — Number	4	19
Of this number, how many were—		
67. Sows and gilts that farrowed since Dec. 1, 1939, or will farrow before June 1, 1940? — Number	2	20

68. Animals butchered in 1939 for use on this farm or for sale from this farm — Number	Cattle (excl. calves) 1.	Calves 2.	Hogs and pigs 3.	Sheep and lambs 4.	Code
	1		7		F 1, 2, 3, 4

69. Goats and kids *over 4 months old*, April 1, 1940 — Number	Angoras	Other	Code
			5, 6
70. Mohair and kid hair clipped in 1939 — Pounds			7
71. Goats milked during any part of 1939 — Number			8

Livestock purchases and sales:	Cattle (excl. calves) 1.	Calves 2.	Hogs and pigs 3.	Sheep and lambs 4.	Code
72. Bought in 1939 — Number					9, 10, 11, 12, 13, 14
73. Sold alive in 1939 — Number					15, 16

		Code
74. Value of all livestock sold or traded in 1939, except poultry, bees, and fur animals. (Omit cents) — $		P 2

NOTE.—If this farm has chickens on hand but raised none or produced no eggs in 1939, EXPLAIN.

	Number on hand over 4 months old on April 1, 1940	Number raised in 1939	For office use only	Code
75. Chickens	60	80		G 1, 2
76. Turkeys				3, 4
77. Ducks	4			5, 6
78. Other (specify)				7, 8

Report separately geese, guineas, pigeons, quail, pheasants, etc.

		Code
79. Total chickens sold (including broilers and fryers) alive or dressed in 1939 — Number	24	9
Omit any sold as baby chicks.		
80. Chicken eggs produced in 1939 — Dozens	300	10
81. Value of all poultry, eggs, baby chicks, poults, etc., sold or traded in 1939. (Omit cents) — $	15	P 3
82. Hives of bees, April 1, 1940: (a) Owned by others, but kept on this farm — Number		G 11
(b) Owned by you, on this farm and on non-farm land such as deserts, hills, swamps, etc. — Number		12
83. Honey produced by your bees in 1939 — Pounds		13

FUR ANIMALS IN CAPTIVITY:	Silver fox	Mink	Code
84. Females *over 3 months old*, April 1, 1940 — Number			14, 15
85. Pelts taken in 1939 — Number			16, 17
Include only pelts taken from silver foxes and minks kept in captivity.			

		Code
86. Value of wool, mohair, meat, hides, etc., bees, honey, wax, and fur animals and pelts sold or traded in 1939. (Omit cents) — $		P 4

XV.—CROPS HARVESTED ON THIS FARM IN 1939

CORN: Omit sweet corn (except for silage primarily). Also omit popcorn, "Egyptian corn," kafir, and milo maize. If grown with other crops, report total acreage of mixture. NOTE.—The sum of the acres reported under Q. 88-90 must equal the answer to Q. 87.	Total acres harvested in 1939	Total quantity harvested in 1939	Irrigated acres harvested in 1939	Code
87. Total acreage of corn for all purposes	15	x x x x		H-1 1, X, 3
88. Corn for grain, whether snapped, husked, or machine-harvested for grain. 56 lb. shelled corn or 70 lb. ear corn=1 bu.	15	Bu 200		4, 5, 6
89. Corn cut for silage		Tons		7, 8, 9
90. Whole plant hogged or grazed off by livestock, or cut for green or dry fodder and not husked or snapped		x x x x		10, X, 12
SORGHUMS: "Egyptian corn," kafir, milo, hegari, atlas, sorghum cane, sweet sorghums, etc.				H-2
91. All sorghums harvested for grain. Either threshed or fed in the head after cutting from stalk. 1 ton heads=25 bu. grain.		Bu		1, 2, 3
92. All sorghums cut for silage only. Green weight.		Tons		4, 5, 6
93. All sorghums cut for hay or fodder. Heads not cut off or threshed. Dry weight.		Tons		7, 8, 9
94. Sweet sorghums harvested for sirup. Omit cane grown from stalks or cuttings. Report fractional acreage.	1½	Gal 70		10, 11, 12
SMALL GRAINS threshed (or combined): NOTE.—Report grain hay under Question 121.				J-95
95. Mixed grains, other than a flax and wheat mixture. Wheat and oats; wheat and barley; wheat and rye; oats and barley; oats and peas; etc. Underline or give mixture.		Bu		2, 3, 4
96. Oats threshed (or combined)	40	Bu 2100		H-3 1, 2, 3
97. Oats cut for grain when ripe or nearly ripe and fed unthreshed. Omit oat hay.		x x x x		4, X, 6 J-98
98. Barley threshed (or combined)		Bu		2, 3, 4 J-99
99. Rye threshed (or combined)		Bu		2, 3, 4 H-4
101. Winter wheat (fall or winter sown) threshed (or combined)		Bu		1, 2, 3
104. Spring wheat (spring sown) threshed (or combined)		Bu		4, 5, 6 J-07
107. Rice (rough or paddy) threshed (or combined)	170	162-lb. bbl 450	170	2, 3, 4

ANNUAL LEGUMES for all purposes, except plowed under for green manure: Where grown with corn or other crops, report acreage of mixture in second column. The annual legumes cured for hay included under Q. 108-115 must also be reported under Q. 116. Report fractional acreage.	Total acres grown in 1939 — Alone	Total acres grown in 1939 — With other crops	Nuts, peas, beans, and seed harvested in 1939	Irrigated acres grown in 1939	Code
108. Soybeans, total. For hay, beans, grazed or hogged off.			x x x x		K-8 2, 3, X, 5
(a) Harvested for beans only			Bu		6, 7, 8, 9 K-9
109. Peanuts, total. For hay, nuts, grazed or hogged off.			x x x x		2, 3, X, 5
(a) Harvested for picking and threshing			Lb		6, 7, 8, 9 K-0
110. Cowpeas, total. For hay, peas, grazed or hogged off.			x x x x		2, 3, X, 5
(a) Harvested for peas			Bu		6, 7, 8, 9 K-1
111. Vetches, velvetbeans, mung and horse beans. Underline kind.			Bu		2, 3, 4, 5
112. Other dry field and seed beans (navy, pea bean, Great Northern, kidney, lima, pinto, etc.) and lentils. Underline or give kind. Report green lima, snap, string, and wax beans under vegetables.			Bu		K-2 2, 3, 4, 5
115. Dry field and seed peas (specify kind). Omit cowpeas. Report peas harvested green under vegetables.			Bu		K-5 2, 3, 4, 5

HAY CROPS: For each hay, give total production all cuttings, counting only once acres of land on which grown.

116. HAY FROM: Cowpeas, Peanuts, Canada-peas, Austrian-peas, Other peas, Vetches, Crotalaria, Soybeans, Velvetbeans, Horsebeans, Mungbeans, Other beans, Beggarweed, Lupines. Underline kind. Acres for hay included under Q. 108-115 must be reported here also. Include peanut vines saved for hay, but omit "straw" where beans or peas have been threshed.	Total acres harvested in 1939	Total quantity harvested in 1939	Irrigated acres harvested in 1939	Code
		Tons		J-16 2, 3, 4
117. Alfalfa cut for hay		Tons		J-17 2, 3, 4
118. Sweetclover cut for hay		Tons		J-18 2, 3, 4
119. Lespedeza cut for hay		Tons		J-19 2, 3, 4
120. Clover or timothy, alone or mixed, cut for hay (do not include sweetclover)		Tons		J-20 2, 3, 4
121. Small grain hay—wheat, oats, barley, rye, etc. Underline or give kind. Omit oats reported under Question 97.		Tons		J-21 2, 3, 4
122. All other tame hay cut. Include old meadows, millet, Sudan, Johnson grass, orchard grass, redtop, crested wheatgrass, etc. Underline or give kind.		Tons		J-22 2, 3, 4
123. Wild hay cut—marsh, prairie, or range grasses		Tons		J-23 2, 3, 4

FARM AND RANCH SCHEDULE

GENERAL AREA. WHERE FRACTIONAL ACREAGE OR PRODUCTION IS REQUIRED, REPORT AS: 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/8, ETC.

SCHEDULE No. 1 1 5 2

THE ABOVE SPACE FOR OFFICE USE ONLY

STATES
Arkansas.
New Mexico.
Oklahoma.

REGION 6

CLOVER AND GRASS SEEDS:
Report on "country-run" basis.

	Total acres harvested in 1939	Total quantity harvested in 1939	Irrigated acres harvested in 1939	Code
124. Alfalfa seed		Bu		J-24 / 2, 3, 4 / J-25
125. Sweetclover seed		Bu		2, 3, 4 / J-26
126. Lespedeza seed. Korean, Kobe, sericea, etc. Underline or give kind.		Lb		2, 3, 4 / J-27
127. Clover seed. Red, mammoth, Ladino, alsike, crimson, white Dutch, etc. Underline or give kind.		Bu		2, 3, 4 / J-28
128. Grass seed. Timothy, redtop, bluegrass, millet, Sudan, canary, bent, ryegrass, crested wheatgrass, etc. Underline or give kind.		Bu		2, 3, 4

MISCELLANEOUS CROPS:
Report fractional acreage.

				Code
129. Irish potatoes. Grown for home use or for sale.	1/4	Bu 35		L-29 / 1, 2, 3
130. Cotton harvested. If sold in the seed, estimate square bales of lint. Convert round to square bales; 2 round = 1 square.	30	Running square bales 10 (Fractions)		L-30 / 1, 2, 3
131. Sweetpotatoes and yams. Grown for home use or for sale.	1/4	Bu 35		L-31 / 1, 2, 3
132. Tobacco		Lb		L-32 / 1, 2, 3
133. Sugarcane (not sorghum) for sirup. Include both thick and slender stalk varieties grown from stalks, cuttings, or stubble.		Gal (Sirup)		L-33 / 1, 2, 3
137. Broomcorn		Lb		L-37 / 1, 2, 3
140. Silage crops, other than corn and sorghums (specify). Alfalfa silage, soybean silage, oat silage, etc. Omit byproducts, as beet tops and pulp, pea vines, etc.		Tons		L-40 / 1, 2, 3
141. Root and grain crops (other than corn and annual legumes) hogged or grazed off		x x x x x Unit		L-41 / 1, X, 3
142. Other field crops not elsewhere reported. Give name and unit of measure.		Unit		L- / 1, 2, 3

Report: Buckwheat. Chufas. Emmer and spelt. Flax for grain. Ginseng. Golden seal. Hops. Popcorn. Sugar beet seed. Sugar beets for sugar. Sunflower seed, etc.

143. Value of the crops reported under Questions 87–142 (including landlord's share) which were or are to be sold or traded — $ 2170 (Omit cents) — P / 5

VEGETABLES FOR FARM HOUSEHOLD(S') USE:

144. Value of vegetables grown on this farm in 1939 for consumption by your family and by all households on this farm — $ 30 (Omit cents) — M-44 / X, X, 3

Omit Irish and sweet potatoes, also any vegetables fed to animals.

VEGETABLES harvested in 1939 FOR SALE (not for home use):
Include vegetables sold to canneries.
NOTE.—Where a crop was harvested following another on the same land during the year, report acreage for each crop.
For office use only → — P / 6

Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code
			M-46
146. Asparagus		$	2, 3 / M-47
147. Green lima beans		$	2, 3 / M-48
148. Snap, string, or wax beans		$	2, 3 / M-51
151. Cabbage		$	2, 3 / M-52
152. Cantaloups, muskmelons, honeyballs, honeydews, casabas, Persian, etc.		$	2, 3 / M-53
153. Carrots		$	2, 3 / M-55
155. Celery		$	2, 3 / M-56
156. Sweet corn		$	2, 3 / M-57
157. Cucumbers		$	2, 3

Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code
161. Lettuce		$	M-61 / 2, 3 / M-62
163. Dry onions		$	2, 3 / M-63
163. Green peas		$	2, 3 / M-65
165. Spinach		$	2, 3 / M-66
166. Tomatoes		$	2, 3 / M-67
167. Watermelons		$	2, 3 / M-
168. Other * (specify)		$	2, 3 / M-
		$	2, 3

List separately any other vegetables sold except Irish and sweet potatoes.

* The following, if for sale, to be reported under Question 168: Globe artichokes. Beets (table). Italian green sprouting broccoli. Brussels sprouts. Cauliflower. Swiss chard. Chinese cabbage. Collards. Water cress. Dandelions. Eggplant. Endive. Escarole. Garlic. Horseradish. Kale. Kohlrabi. Mustard (greens). Okra. Green onions and shallots. Parsley. Parsnips. Hot peppers. Sweet peppers and pimientos. Pumpkins. Radishes. Rhubarb. Romaine. Rutabagas. Salsify. Squash. Turnips, etc.

HORTICULTURAL SPECIALTIES:
Report fractional acreage.
For office use only → — P / 7

	Area in 1939	Sales in 1939	Code
169. Crops grown under glass (flowers and plants, also vegetables) and propagated mushrooms. Underline which.	(Sq. feet)	$ (Omit cents)	M-69 / 2, 3
170. Nursery products (trees, shrubs, vines, ornamentals, etc.)	(Acres)	$ (Omit cents)	M-70 / 2, 3
171. Flower and vegetable seeds, bulbs, and flowers and plants grown in the open. Underline which.	(Acres)	$ (Omit cents)	M-71 / 2, 3

SMALL FRUITS:
Report fractional acreage.
NOTE.—Do not report nonbearing acreage.

	Acres harvested in 1939	Quantity harvested in 1939	Code
172. Blackberries and dewberries (tame only)		Qt	M-72 / 2, 3 / M-78
178. Raspberries (tame only)		Qt	2, 3 / M-81
181. Strawberries		Qt	2, 3 / M-
183. Other (specify)		Qt	2, 3 / M-
		Qt	2, 3 / M-
		Qt	2, 3

Report: Blueberries, boysenberries, currants, gooseberries, loganberries, youngberries, etc.

TREE FRUITS, NUTS, AND GRAPES:

	Total acres, April 1, 1940	Acres irrigated in 1939	N
184. Land in bearing and nonbearing fruit orchards, vineyards, and planted nut trees, April 1, 1940 (omit nurseries). Report fractional acreage.			(1st item only) 1, 2

KIND OF FRUIT: Report dried fruits on fresh-weight basis. Do not include trees and vines in nursery.	Number of trees or vines, April 1, 1940: Not of bearing age	Of bearing age	Quantity harvested in 1939: Report fruits on fresh basis	Code
185. Apples			Bu	N-85 / 4, 5, 6 / N-86
186. Cherries			Lb	4, 5, 6 / N-89
189. Peaches			Bu	4, 5, 6 / N-92
192. Pears			Bu	4, 5, 6 / N-95
195. Plums and prunes			Bu	4, 5, 6 / N-98
198. Grapes			Lb	4, 5, 6 / N-99
199. Figs (all varieties)			Lb	4, 5, 6 / N-00
200. Apricots			Bu	4, 5, 6 / N-
208. Other tree fruits. Give name and unit of measure.			Unit	4, 5, 6 / N-
			Unit	4, 5, 6 / N-
				4, 5, 6

Report: Nectarines, Japanese persimmons, quinces, etc.

				Code
210. Improved pecans (budded, grafted, or top-worked)			Lb	N-10 / 4, 5, 6
211. Wild or seedling pecans			Lb	7, 8, 9 / N-
215. Other nuts. Specify.			Lb	4, 5, 6 / N-
			Lb	4, 5, 6 / N-
			Lb	4, 5, 6

Report: Almonds, tung nuts, English or Persian walnuts, etc.

229. Value of all fruits and nuts, including small fruits, produced in 1939 that were or are to be sold or traded — $ (Omit cents) — P / 8

XVI.—VALUE OF PRODUCTS USED AND OF FOREST PRODUCTS SOLD IN 1939

231. Value (estimated) of products of this farm in 1939 that were used by your family and by all households on this farm (meat, milk, poultry, eggs, honey, vegetables, fruits, firewood, fuel wood, etc.) — $ 447 (Omit cents) — P / 9

232. Value of forest products sold in 1939 — $ (Omit cents) — 10

Include firewood, fuel wood, standing timber, sawlogs, veneer logs, pulpwood, mine props, tanbark, charcoal, fence posts, railroad ties, poles and piling, turpentine, resin, maple sirup and sugar, etc.

FARM AND RANCH SCHEDULE

OMITTED INQUIRY NUMBERS REPRESENT CROPS WHICH WILL BE INFREQUENTLY REPORTED IN THIS

XIV.—LIVESTOCK, APRIL 1, 1940, AND LIVESTOCK PRODUCTS, 1939

Include animals on this farm or ranch, whether belonging to the farm operator or not, also animals belonging to this farm but grazing in national forests or on open range.

	Total over 3 months old	3- to 27-month-old colts	Code
51. Horses of all kinds, including ponies, April 1, 1940 — Number			E 1, 2
52. Mules, April 1, 1940 — Number			3, 4
53. Cattle and calves *over 3 months old*, Apr. 1, 1940 — Number	2		5
Of this number, how many were—			
54. Cows and heifers that were 2 years old and over on January 1, 1940, and are—			
(a) Kept mainly for milk production? — Number	2		6
(b) Kept mainly for beef production? — Number			7
Cows milked and dairy products, 1939:			
55. Total cows milked during any part of 1939 (include heifers milked) — Number	2		8
56. Milk produced in 1939 (report in gallons: 8.6 pounds=1 gallon) — Gallons	1460		9
Report all milk produced, whether consumed, sold, fed to stock, or otherwise disposed of.			
57. Butter churned on farm in 1939 — Pounds	360		10

58. Whole milk sold in 1939 — Gallons	59. Cream sold in 1939 (Butterfat content) — Pounds of butterfat	60. Butter sold in 1939 — Pounds	Code
			11, 12, 13

61. Value of all dairy products sold or traded in 1939—milk, cream, butter, cheese, etc. (Omit cents) — $ — Code P 1

62. Sheep and lambs *over 6 months old*, April 1, 1940 — Number — Code E 14

Of this number how many were—

63. Yearling ewes? — Number — 15

64. Other ewes? — Number — 16

Note.—If this farm has sheep on hand and no wool shorn in 1939, EXPLAIN.

65. Sheep and lambs shorn in 1939	Number shorn	Pounds of wool shorn	Code
Report the number of sheep and lambs shorn and not the number of fleeces. If shorn twice, write "Shorn twice."			17, 18

66. Hogs *over 4 months old*, April 1, 1940 — Number — 19

Of this number, how many were—

67. Sows and gilts that farrowed since Dec. 1, 1939, or will farrow before June 1, 1940? — Number — 20

68. Animals butchered in 1939 for use on this farm or for sale from this farm — Number	Cattle (excl. calves) 1.	Calves 2.	Hogs and pigs 3.	Sheep and lambs 4.	Code
					F 1, 2, 3, 4

69. Goats and kids *over 4 months old*, April 1, 1940 — Number	Angoras	Other	Code
			5, 6

70. Mohair and kid hair clipped in 1939 — Pounds — 7

71. Goats milked during any part of 1939 — Number — 8

Livestock purchases and sales:	Cattle (excl. calves) 1.	Calves 2.	Hogs and pigs 3.	Sheep and lambs 4.	Code
72. Bought in 1939 — Number					9, 10, 11, 12
73. Sold alive in 1939 — Number					13, 14, 15, 16

74. Value of all livestock sold or traded in 1939, except poultry, bees, and fur animals. (Omit cents) — $ — Code P 2

Note.—If this farm has chickens on hand but raised none or produced no eggs in 1939, EXPLAIN.	Number on hand over 4 months old on April 1, 1940	Number raised in 1939	For office use only	Code
75. Chickens	100	75		G 1, 2
76. Turkeys				3, 4
77. Ducks				5, 6
78. Other (specify)				7, 8

Report separately geese, guineas, pigeons, quail, pheasants, etc.

79. Total chickens sold (including broilers and fryers) alive or dressed in 1939 — Number — 9

Omit any sold as baby chicks.

80. Chicken eggs produced in 1939 — Dozens — 10

81. Value of all poultry, eggs, baby chicks, poults, etc., sold or traded in 1939. (Omit cents) — $ — Code P 3

82. Hives of bees, April 1, 1940: Code G

(a) Owned by others, but kept on this farm — Number — 11

(b) Owned by you, on this farm and on non-farm land such as deserts, hills, swamps, etc. — Number — 12

83. Honey produced by your bees in 1939 — Pounds — 13

FUR ANIMALS IN CAPTIVITY:	Silver fox	Mink	Code
84. Females *over 3 months old*, April 1, 1940 — Number			14, 15
85. Pelts taken in 1939 — Number			16, 17

Include only pelts taken from silver foxes and minks kept in captivity.

86. Value of wool, mohair, meat, hides, etc., bees, honey, wax, and fur animals and pelts sold or traded in 1939. (Omit cents) — $ — Code P 4

XV.—CROPS HARVESTED ON THIS FARM IN 1939

	Total acres harvested in 1939	Total quantity harvested in 1939	Irrigated acres harvested in 1939	Code
CORN: Omit sweet corn (except for silage primarily). Also omit popcorn, "Egyptian corn," kafir, and milo maize. If grown with other crops, report total acreage of mixture.				
Note.—The sum of the acres reported under Q. 88-90 must equal the answer to Q. 87.				H-1
87. Total acreage of corn for all purposes		x x x x		1, X, 3
88. Corn for grain, whether snapped, husked, or machine-harvested for grain — 56 lb. shelled corn or 70 lb. ear corn=1 bu.		Bu.		4, 5, 6
89. Corn cut for silage		Tons		7, 8, 9
90. Whole plant hogged or grazed off by livestock, or cut for green or dry fodder and not husked or snapped		x x x x		10, X, 12
SORGHUMS: "Egyptian corn," kafir, milo, hegari, atlas, sorghum cane, sweet sorghums, etc.				H-2
91. All sorghums harvested for grain — Either threshed or fed in the head after cutting from stalk. 1 ton heads=25 bu. grain.		Bu.		1, 2, 3
92. All sorghums cut for silage only — Green weight.		Tons		4, 5, 6
93. All sorghums cut for hay or fodder — Heads not cut off or threshed. Dry weight.	25	Tons 25		7, 8, 9
94. Sweet sorghums harvested for sirup — Omit cane grown from stalks or cuttings. Report fractional acreage.		Gal.		10, 11, 12
SMALL GRAINS threshed (or combined): Note.—Report grain hay under Question 121.				
95. Mixed grains, other than a flax and wheat mixture — Wheat and oats; wheat and barley; wheat and rye; oats and barley; oats and peas; etc. Underline or give mixture.		Bu.		J-95 2, 3, 4
96. Oats threshed (or combined)		Bu.		H-3 1, 2, 3
97. Oats cut for grain when ripe or nearly ripe and fed unthreshed — Omit oat hay.		x x x x		4, X, 6 J-98
98. Barley threshed (or combined)		Bu.		2, 3, 4 J-99
99. Rye threshed (or combined)		Bu.		2, 3, 4 J-00
100. Flax threshed (or combined) — Where flax and wheat were grown together, report one-half the acreage under each crop.		Bu.		2, 3, 4
101. Winter wheat (fall or winter sown) threshed (or combined)		Bu.		H-4 1, 2, 3
107. Rice (rough or paddy) threshed (or combined)		162-lb. bbl.		J-07 2, 3, 4

ANNUAL LEGUMES for all purposes, except plowed under for green manure:

Where grown with corn or other crops, report acreage of mixture in second column. The annual legumes cured for hay included under Q. 108-115 must also be reported under Q. 116. Report fractional acreage.	Total acres grown in 1939: Alone	Total acres grown in 1939: With other crops	Nuts, peas, beans, and seed harvested in 1939	Irrigated acres grown in 1939	Code
					K-8
108. Soybeans, total — For hay, beans, grazed or hogged off.			x x x x		2, 3, X, 5
(a) Harvested for beans only			Bu.		6, 7, 8, 9 K-9
109. Peanuts, total — For hay, nuts, grazed or hogged off.			x x x x		2, 3, X, 5
(a) Harvested for picking and threshing			Lb.		6, 7, 8, 9 K-0
110. Cowpeas, total — For hay, peas, grazed or hogged off.			x x x x		2, 3, X, 5
(a) Harvested for peas			Bu.		6, 7, 8, 9 K-1
111. Vetches, velvetbeans, mung and horse beans — Underline kind.			Bu.		2, 3, 4, 5
112. Other dry field and seed beans (navy, pea bean, Great Northern, kidney, lima, pinto, etc.) and lentils — Underline or give kind. Report green lima, snap, string, and wax beans under vegetables.			Bu.		K-2 2, 3, 4, 5
115. Dry field and seed peas (specify kind) — Omit cowpeas. Report peas harvested green under vegetables.			Bu.		K-5 2, 3, 4, 5

HAY CROPS: For each hay, give total production all cuttings, counting only once acres of land on which grown.

	Total acres harvested in 1939	Total quantity harvested in 1939	Irrigated acres harvested in 1939	Code
116. HAY FROM: Cowpeas, Soybeans, Peanuts, Velvetbeans, Canada peas, Horsebeans, Austrian peas, Mungbeans, Other peas, Other beans, Vetches, Beggarweed, Crotalaria, Lupines — Underline kind. Acres for hay included under Q. 108-115 must be reported here also. Include peanut vines saved for hay, but omit "straw" where beans or peas have been threshed.		Tons		J-16 2, 3, 4
117. Alfalfa cut for hay		Tons		J-17 2, 3, 4
118. Sweetclover cut for hay		Tons		J-18 2, 3, 4
119. Lespedeza cut for hay		Tons		J-19 2, 3, 4
120. Clover or timothy, alone or mixed, cut for hay (do not include sweetclover)		Tons		J-20 2, 3, 4
121. Small grain hay—wheat, oats, barley, rye, etc. — Underline or give kind. Omit oats reported under Question 97.		Tons		J-21 2, 3, 4
122. All other tame hay cut — Include old meadows, millet, Sudan, Johnson grass, orchard grass, redtop, crested wheatgrass, etc. Underline or give kind.		Tons		J-22 2, 3, 4
123. Wild hay cut—marsh, prairie, or range grasses		Tons		J-23 2, 3, 4

U. S. Govt.

FARM AND RANCH SCHEDULE

GENERAL AREA. WHERE FRACTIONAL ACREAGE OR PRODUCTION IS REQUIRED, REPORT AS: 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/8, ETC.

SCHEDULE No. 6 5 4

THE ABOVE SPACE FOR OFFICE USE ONLY

STATES
Louisiana.
Texas.

REGION 7

CLOVER AND GRASS SEEDS:
Report on "country-run" basis.

	Total acres harvested in 1939	Total quantity harvested in 1939	Irrigated acres harvested in 1939	Code
124. Alfalfa seed		Bu		J-24 / 2, 3, 4 / J-25
125. Sweetclover seed		Bu		2, 3, 4 / J-26
126. Lespedeza seed. Korean, Kobe, sericea, etc. Underline or give kind.		Lb		2, 3, 4 / J-27
127. Clover seed. Red, mammoth, Ladino, alsike, crimson, white Dutch, etc. Underline or give kind.		Bu		2, 3, 4 / J-28
128. Grass seed. Timothy, redtop, bluegrass, millet, Sudan, canary, bent, ryegrass, crested wheatgrass, etc. Underline or give kind.		Bu		2, 3, 4

MISCELLANEOUS CROPS:
Report fractional acreage.

				Code
129. Irish potatoes. Grown for home use or for sale.		Bu		L-29 / 1, 2, 3
130. Cotton harvested. If sold in the seed, estimate square bales of lint. Convert round to square bales; 2 round=1 square.	255	Running square bales 125 (Fractions)		L-30 / 1, 2, 3 / L-31
131. Sweetpotatoes and yams. Grown for home use or for sale.		Bu		1, 2, 3 / L-32
132. Tobacco		Lb		1, 2, 3 / L-33
133. Sugarcane (not sorghum) for sirup. Include thick and slender stalk varieties grown from stalks, cuttings, or stubble.		Gal (Sirup)		1, 2, 3 / L-34
134. Sugarcane cut for sugar or sale to mills		Tons (Cane)		1, 2, 3 / L-37
137. Broomcorn		Lb		1, 2, 3 / L-38
138. Popcorn		Bu		1, 2, 3 / L-40
140. Silage crops, other than corn and sorghums (specify). Alfalfa silage, soybean silage, oat silage, etc. Omit byproducts, as beet tops and pulp, pea vines, etc.		Tons		1, 2, 3
141. Root and grain crops (other than corn and annual legumes) hogged or grazed off		X X X X X		L-41 / 1, X, 3
142. Other field crops not elsewhere reported. Give name and unit of measure.		Unit		L- / 1, 2, 3 / L- / 1, 2, 3

Report: Buckwheat. Chufas. Emmer and spelt. Ginseng. Golden seal. Hops. Sugar beet seed. Sugar beets for sugar. Sunflower seed. Spring wheat, etc.

143. Value of the crops reported under Questions 87–142 (including landlord's share) which were or are to be sold or traded (omit cents) $ 5625 — P / 5

VEGETABLES FOR FARM HOUSEHOLD(S') USE:
144. Value of vegetables grown on this farm in 1939 for consumption by your family and by all households on this farm (omit cents) $ — M-44 / X, X, 3

Omit Irish and sweet potatoes, also any vegetables fed to animals.

VEGETABLES harvested in 1939 FOR SALE (not for home use):
Include vegetables sold to canneries.
NOTE.—Where a crop was harvested following another on the same land during the year, report acreage for each crop.
For office use only →

P / 6

Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code	Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code
			M-46				M-58
146. Asparagus		$	2, 3	158. Eggplant		$	2, 3
147. Green lima beans		$	M-47 / 2, 3	159. Garlic		$	M-59 / 2, 3
148. Snap, string, or wax beans		$	M-48 / 2, 3	161. Lettuce		$	M-61 / 2, 3
			M-49				M-62
149. Beets (table)		$	2, 3 / M-50	162. Dry onions		$	2, 3 / M-63
150. Broccoli		$	2, 3 / M-51	163. Green peas		$	2, 3 / M-64
151. Cabbage		$	2, 3	164. Sweet peppers and pimientos		$	2, 3 / M-65
152. Cantaloups, muskmelons, honeyballs, honeydews, casabas, Persian, etc.		$	M-52 / 2, 3 / M-53	165. Spinach		$	2, 3 / M-66
153. Carrots		$	2, 3 / M-55	166. Tomatoes		$	2, 3 / M-67
155. Celery		$	2, 3 / M-56	167. Watermelons		$	2, 3 / M-
156. Sweet corn		$	2, 3 / M-57	163. Other* (specify)		$	2, 3 / M-
157. Cucumbers		$	2, 3	List separately any other vegetables sold except Irish and sweet potatoes.			2, 3

* The following, if for sale, to be reported under Question 168: Globe artichokes. Brussels sprouts. Cauliflower. Swiss chard. Chayote. Chinese cabbage. Collards. Water cress. Dandelions. Dasheen. Endive. Escarole. Horseradish. Kale. Kohlrabi. Mustard (greens). Okra. Green onions and shallots. Parsley. Parsnips. Hot peppers. Pumpkins. Radishes. Rhubarb. Romaine. Rutabagas. Salsify. Squash. Turnips, etc.

HORTICULTURAL SPECIALTIES:
Report fractional acreage.
For office use only →

P / 7

	Area in 1939	Sales in 1939	Code
169. Crops grown under glass (flowers and plants, also vegetables) and propagated mushrooms. Underline which.	(Square feet)	$ (Omit cents)	M-69 / 2, 3
170. Nursery products (trees, shrubs, vines, ornamentals, etc.)	(Acres)	$ (Omit cents)	M-70 / 2, 3
171. Flower and vegetable seeds, bulbs, and flowers and plants grown in the open. Underline which.	(Acres)	$ (Omit cents)	M-71 / 2, 3

SMALL FRUITS:
Report fractional acreage.
NOTE.—Do not report nonbearing acreage.

	Acres harvested in 1939	Quantity harvested in 1939	Code
172. Blackberries and dewberries (tame only)		Qt	M-72 / 2, 3 / M-78
178. Raspberries (tame only)		Qt	2, 3 / M-81
181. Strawberries		Qt	2, 3 / M-
183. Other (specify)		Qt	2, 3 / M-
		Qt	2, 3

Report: Blueberries, boysenberries, currants, gooseberries, loganberries, youngberries, etc.

TREE FRUITS, NUTS, AND GRAPES:

	Total acres, April 1, 1940	Acres irrigated in 1939	Code
184. Land in bearing and nonbearing fruit orchards, vineyards, and planted nut trees, April 1, 1940 (omit nurseries). Report fractional acreage.	20		0 (1st item only) / 1, 2

KIND OF FRUIT: Report dried fruits on fresh-weight basis. Do not include trees and vines in nursery.	Number of trees or vines, April 1, 1940: Not of bearing age	Of bearing age	Quantity harvested in 1939. Report fruits on fresh basis	Code
185. Apples			Bu	0-85 / 4, 5, 6 / 0-86
186. Cherries			Lb	4, 5, 6 / 0-89
189. Peaches			Bu	4, 5, 6 / 0-92
192. Pears			Bu	4, 5, 6 / 0-95
195. Plums and prunes			Bu	4, 5, 6 / 0-98
198. Grapes			Lb	4, 5, 6 / 0-99
199. Figs (all varieties)			Lb	4, 5, 6 / 0-00
200. Apricots			Bu	4, 5, 6
208. Other tree fruits, except citrus			Unit	0- / 4, 5, 6
Give name and unit of measure.			Unit	0- / 4, 5, 6
			Unit	0- / 4, 5, 6

Report: Avocados, bananas, dates, jujubes, loquats, nectarines, olives, papayas, Japanese persimmons, pomegranates, quinces, etc.

				Code
210. Improved pecans (budded, grafted, or top-worked)			Lb	0-10 / 4, 5, 6
211. Wild or seedling pecans			Lb	7, 8, 9 / 0-14
214. Tung nuts			Lb	4, 5, 6 / 0-
215. Other nuts (Specify)			Lb	4, 5, 6 / 0-
			Lb	4, 5, 6

Report: Almonds, English or Persian walnuts, etc.

CITRUS FRUITS:
Crop harvested, season of 1939–40. From the bloom of 1939.

	Number of trees, April 1, 1940: Not of bearing age	Of bearing age	Quantity harvested in 1939–40 from the bloom of 1939. Report fractional tons	Code
217. Satsuma oranges			Bu	0-16 / 4, 5, 6
218. Tangerines and mandarins			Tons	7, 8, 9
219. Other early and midseason oranges		25	Tons 0	10, 11, 12
220. Valencia and other late oranges		125	Tons 0	13, 14, 15 / 0-23
224. Seedless grapefruit. Marsh, etc.		800	Tons 22	4, 5, 6
225. All other grapefruit		200	Tons 8	7, 8, 9 / 0-26
226. Lemons		4	Tons 0	4, 5, 6
228. Other citrus. Give name and unit of measure.			Unit	0- / 4, 5, 6
			Unit	0- / 4, 5, 6

Report: Citrons, kumquats, limequats, limes, etc.

229. Value of all fruits and nuts, including small fruits, produced in 1939 (1939–40 season for citrus) that were or are to be sold or traded $ 150 (Omit cents) — P / 8

XVI.—VALUE OF PRODUCTS USED AND OF FOREST PRODUCTS SOLD IN 1939

231. Value (estimated) of products of this farm in 1939 that were used by your family and by all households on this farm (meat, milk, poultry, eggs, honey, vegetables, fruits, firewood, fuel wood, etc.) $ 146 (Omit cents) — P / 9

232. Value of forest products sold in 1939 $ (Omit cents) — 10
Include firewood, fuel wood, standing timber, sawlogs, veneer logs, pulpwood, mine props, tanbark, charcoal, fence posts, railroad ties, poles and piling, turpentine, resin, maple sirup and sugar, etc.

FARM AND RANCH SCHEDULE

OMITTED INQUIRY NUMBERS REPRESENT CROPS WHICH WILL BE INFREQUENTLY REPORTED IN THIS

XIV.—LIVESTOCK, APRIL 1, 1940, AND LIVESTOCK PRODUCTS, 1939

Include animals on this farm or ranch, whether belonging to the farm operator or not, also animals belonging to this farm but grazing in national forests or on open range.

	Total over 3 months old	3- to 27-month-old colts	Code
51. Horses of all kinds, including ponies, April 1, 1940 — Number	2		E 1, 2
52. Mules, April 1, 1940 — Number			3, 4
53. Cattle and calves *over 3 months old*, Apr. 1, 1940 — Number	8		5
Of this number, how many were—			
54. Cows and heifers that were 2 years old and over on January 1, 1940, and are—			
(a) Kept mainly for milk production? — Number	4		6
(b) Kept mainly for beef production? — Number			7
Cows milked and dairy products, 1939:			
55. Total cows milked during any part of 1939 (include heifers milked) — Number	5		8
56. Milk produced in 1939 (report in gallons: 8.6 pounds=1 gallon) — Gallons	4000		9
Report all milk produced, whether consumed, sold, fed to stock, or otherwise disposed of.			
57. Butter churned on farm in 1939 — Pounds			10

58. Whole milk sold in 1939 — Gallons	59. Cream sold in 1939 (Butterfat content) — Pounds of butterfat	60. Butter sold in 1939 — Pounds	Code
	1000		11, 12, 13

		Code
61. Value of all dairy products sold or traded in 1939—milk, cream, butter, cheese, etc. (Omit cents) — $	250	P 1
62. Sheep and lambs *over 6 months old*, April 1, 1940 — Number		E 14
Of this number how many were—		
63. Yearling ewes? — Number		15
64. Other ewes? — Number		16

NOTE.—If this farm has sheep on hand and no wool shorn in 1939, EXPLAIN.	Number shorn	Pounds of wool shorn	Code
65. Sheep and lambs shorn in 1939			17, 18

Report the number of sheep and lambs shorn and not the number of fleeces. If shorn twice, write "Shorn twice."

		Code
66. Hogs *over 4 months old*, April 1, 1940 — Number	1	19
Of this number, how many were—		
67. Sows and gilts that farrowed since Dec. 1, 1939, or will farrow before June 1, 1940? — Number	1	20

68. Animals butchered in 1939 for use on this farm or for sale from this farm — Number	Cattle (excl. calves) 1.	Calves 2.	Hogs and pigs 3.	Sheep and lambs 4.	Code
		1			F 1, 2, 3, 4

69. Goats and kids *over 4 months old*, April 1, 1940 — Number	Angoras	Other	Code
			5, 6
70. Mohair and kid hair clipped in 1939 — Pounds			7
71. Goats milked during any part of 1939 — Number			8

Livestock purchases and sales:	Cattle (excl. calves) 1.	Calves 2.	Hogs and pigs 3.	Sheep and lambs 4.	Code
72. Bought in 1939 — Number		2	11		9, 10, 11, 12, 13, 14
73. Sold alive in 1939 — Number		2	9		15, 16

		Code
74. Value of all livestock sold or traded in 1939, except poultry, bees, and fur animals. (Omit cents) — $	110	P 2

NOTE.—If this farm has chickens on hand but raised none or produced no eggs in 1939, EXPLAIN.	Number on hand over 4 months old on April 1, 1940	Number raised in 1939	For office use only	Code
75. Chickens	40	40		G 1, 2
76. Turkeys				3, 4
77. Ducks				5, 6
78. Other (specify)				7, 8

Report separately geese, guineas, pigeons, quail, pheasants, etc.

		Code
79. Total chickens sold (including broilers and fryers) alive or dressed in 1939 — Number		9
Omit any sold as baby chicks.		
80. Chicken eggs produced in 1939 — Dozens		10
81. Value of all poultry, eggs, baby chicks, poults, etc., sold or traded in 1939. (Omit cents) — $		P 3
82. Hives of bees, April 1, 1940:		G
(a) Owned by others, but kept on this farm — Number		11
(b) Owned by you, on this farm and on non-farm land such as deserts, hills, swamps, etc. — Number		12
83. Honey produced by your bees in 1939 — Pounds		13

FUR ANIMALS IN CAPTIVITY:	Silver fox	Mink	Code
84. Females *over 3 months old*, April 1, 1940 — Number			14, 15
85. Pelts taken in 1939 — Number			16, 17

Include only pelts taken from silver foxes and minks kept in captivity.

		Code
86. Value of wool, mohair, meat, hides, etc., bees, honey, wax, and fur animals and pelts sold or traded in 1939. (Omit cents) — $		P 4

XV.—CROPS HARVESTED ON THIS FARM IN 1939

	Total acres harvested in 1939	Total quantity harvested in 1939	Irrigated acres harvested in 1939	Code
CORN: Omit sweet corn (except for silage primarily). Also omit popcorn, "Egyptian corn," kafir, and milo maize. If grown with other crops, report total acreage of mixture.				
NOTE.—The sum of the acres reported under Q. 88–90 must equal the answer to Q. 87.				H-1
87. Total acreage of corn for all purposes		x x x x		1, X, 3
88. Corn for grain, whether snapped, husked, or machine-harvested for grain — Bu. (56 lb. shelled corn or 70 lb. ear corn = 1 bu.)		Bu.		4, 5, 6
89. Corn cut for silage — Tons		Tons		7, 8, 9
90. Whole plant hogged or grazed off by livestock, or cut for green or dry fodder and not husked or snapped		x x x x		10, X, 12
SORGHUMS: "Egyptian corn," kafir, milo, hegari, atlas, sorghum cane, sweet sorghums, etc.				H-2
91. All sorghums harvested for grain — Bu. (Either threshed or fed in the head after cutting from stalk. 1 ton heads=25 bu. grain.)		Bu.		1, 2, 3
92. All sorghums cut for hay or fodder — Tons. (Green weight.)		Tons		4, 5, 6
93. All sorghums cut for hay or fodder — Tons. (Heads not cut off or threshed. Dry weight.)		Tons		7, 8, 9
SMALL GRAINS threshed (or combined): NOTE.—Report grain hay under Question 121.				
95. Mixed grains, other than a flax and wheat mixture — Bu. (Wheat and oats; wheat and barley; wheat and rye; oats and barley; oats and peas; etc. Underline or give mixture.)		Bu.		J-95 2, 3, 4
96. Oats threshed (or combined)		Bu.		H-3 1, 2, 3
97. Oats cut for grain when ripe or nearly ripe and fed unthreshed (Omit oat hay.)		x x x x		4, X, 6
98. Barley threshed (or combined)		Bu.		J-98 2, 3, 4
99. Rye threshed (or combined)		Bu.		J-99 2, 3, 4
100. Flax threshed (or combined)		Bu.		J-00 2, 3, 4
101. Winter wheat (fall or winter sown) threshed (or combined) (Where flax and wheat were grown together, report one-half the acreage under each crop.)		Bu.		H-4 1, 2, 3
104. Spring wheat (spring sown) threshed (or combined)	2	Bu. 27	2	4, 5, 6

ANNUAL LEGUMES for all purposes, except plowed under for green manure:

Where grown with corn or other crops, report acreage of mixture in second column. The annual legumes cured for hay included under Q. 111–115 must also be reported under Q. 116. Report fractional acreage.	Total acres grown in 1939: Alone	Total acres grown in 1939: With other crops	Peas, beans, and seed harvested in 1939	Irrigated acres grown in 1939	Code
111. Vetches, velvetbeans, mung and horse beans (Underline kind.)			Bu.		K-1 2, 3, 4, 5
112. Other dry field and seed beans (navy, pea bean, Great Northern, kidney, lima, pinto, etc.) and lentils (Underline or give kind. Report green lima, snap, string, and wax beans under vegetables.)			Bu.		K-2 2, 3, 4, 5
115. Dry field and seed peas (specify kind) (Omit cowpeas. Report peas harvested green under vegetables.)			Bu.		K-5 2, 3, 4, 5

HAY CROPS: For each hay, give total production all cuttings, counting only once acres of land on which grown.

116. HAY FROM: Cowpeas, Peanuts, Canada peas, Austrian peas, Other peas, Vetches, Crotalaria, Soybeans, Velvetbeans, Horsebeans, Mungbeans, Other beans, Beggarweed, Lupines	Total acres harvested in 1939	Total quantity harvested in 1939	Irrigated acres harvested in 1939	Code
		Tons		J-16 2, 3, 4
Underline kind. Acres for hay included under Q. 111–115 must be reported here also. Include peanut vines saved for hay, but omit "straw" where beans or peas have been threshed.				
117. Alfalfa cut for hay	12	Tons 35	12	J-17 2, 3, 4
118. Sweetclover cut for hay		Tons		J-18 2, 3, 4
119. Lespedeza cut for hay		Tons		J-19 2, 3, 4
120. Clover or timothy, alone or mixed, cut for hay (do not include sweetclover)		Tons		J-20 2, 3, 4
121. Small grain hay—wheat, oats, barley, rye, etc. (Underline or give kind. Omit oats reported under Question 97.)		Tons		J-21 2, 3, 4
122. All other tame hay cut (Include old meadows, millet, Sudan, Johnson grass, orchard grass, redtop, crested wheatgrass, etc. Underline or give kind.)		Tons		J-22 2, 3, 4
123. Wild hay cut—marsh, prairie, or range grasses		Tons		J-23 2, 3, 4

I have chickens were not old enough in 1939 to lay eggs.

FARM AND RANCH SCHEDULE

GENERAL AREA. WHERE FRACTIONAL ACREAGE OR PRODUCTION IS REQUIRED, REPORT AS: 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/8, ETC.

SCHEDULE No. 1150

THE ABOVE SPACE FOR OFFICE USE ONLY

STATES
Idaho.
Nevada.
Oregon.
Utah.
Washington.

REGION 8

	CLOVER AND GRASS SEEDS: Report on "country-run" basis.	Total acres harvested in 1939	Total quantity harvested in 1939	Irrigated acres harvested in 1939	Code
124.	Alfalfa seed		Bu		J-24 2,3,4 J-25
125.	Sweetclover seed		Bu		2,3,4 J-26
126.	Lespedeza seed. Korean, Kobe, sericea, etc. Underline or give kind.		Lb		2,3,4 J-27
127.	Clover seed. Red, mammoth, Ladino, alsike, crimson, white Dutch, etc. Underline or give kind.		Bu		2,3,4 J-28
128.	Grass seed. Timothy, redtop, bluegrass, millet, Sudan, canary, bent, ryegrass, crested wheatgrass, etc. Underline or give kind.		Bu		2,3,4
	MISCELLANEOUS CROPS: Report fractional acreage.				L-29
129.	Irish potatoes. Grown for home use or for sale.		Bu		1,2,3 L-35
135.	Sugar beets harvested for sugar	5	Tons 79	5	1,2,3 L-36
136.	Hops		Lb		1,2,3 L-39
139.	Mint harvested for oil. Peppermint and spearmint. Underline which.		Lb (Oil)		1,2,3
140.	Silage crops, other than corn and sorghums (specify). Alfalfa silage, soybean silage, oat silage, etc. Omit byproducts, as beet tops and pulp, pea vines, etc.		Tons		L-40 1,2,3
141.	Root and grain crops (other than corn and annual legumes) hogged or grazed off		X X X X X Unit		L-41 1,X,3
142.	Other field crops not elsewhere reported. Give name and unit of measure. rutabagas	1 1/2	Unit tons 10	1 1/2	L- 1,2,3

Report: Cowpeas. Emmer and spelt. Flax for fiber. Ginseng. Golden seal. Peanuts. Popcorn. Rice. Soybeans. Sweetpotatoes. Sweet sorghums for sirup. Tobacco, etc.

143.	Value of the crops reported under Questions 87–142 (including the landlord's share) which were or are to be sold or traded $ 504 (Omit cents)	P	5
	VEGETABLES FOR FARM HOUSEHOLD(S') USE:		
144.	Value of vegetables grown on this farm in 1939 for consumption by your family and by all households on this farm $ 20 (Omit cents). Omit Irish and sweetpotatoes, also any vegetables fed to animals.	M-44 X,X,3	

VEGETABLES harvested in 1939 FOR SALE (not for home use): P 6

Include vegetables sold to canneries.

NOTE.—Where a crop was harvested following another on the same land during the year, report acreage for each crop. For office use only →

Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code	Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code
			M-46				M-57
146. Asparagus		$	2,3 M-47	157. Cucumbers		$	2,3 M-61
147. Green lima beans		$	2,3 M-48	161. Lettuce		$	2,3 M-62
148. Snap, string, or wax beans		$	2,3 M-51	162. Dry onions		$	2,3 M-63
151. Cabbage		$	2,3	163. Green peas		$	2,3 M-65
159. Cantaloups, muskmelons, honeyballs, honeydews, casabas, Persian, etc.		$	M-52 2,3 M-53	165. Spinach		$	2,3 M-66
153. Carrots		$	2,3 M-54	166. Tomatoes		$	2,3 M-67
154. Cauliflower (white broccoli)		$	2,3 M-55	167. Watermelons		$	2,3 M-
155. Celery		$	2,3 M-56	168. Other* Specify.		$	2,3 M-
156. Sweet corn		$	2,3	List separately any other vegetables sold except Irish and sweetpotatoes.			2,3

* The following, if for sale, to be reported under Question 168: Globe artichokes. Beets (table). Italian green sprouting broccoli. Brussels sprouts. Swiss chard. Chinese cabbage. Collards. Water cress. Dandelions. Eggplant. Endive. Escarole. Garlic. Horseradish. Kale. Kohlrabi. Mustard (greens). Okra. Green onions and shallots. Parsley. Parsnips. Hot peppers. Sweet peppers and pimientos. Pumpkins. Radishes. Rhubarb. Romaine. Rutabagas. Salsify. Squash. Turnips, etc.

For office use only → P 7

HORTICULTURAL SPECIALTIES: Report fractional acreage.

		Area in 1939	Sales in 1939	
169.	Crops grown under glass (flowers and plants, also vegetables) and propagated mushrooms. Underline which.	(Square feet)	$ (Omit cents)	M-69 2,3
170.	Nursery products (trees, shrubs, vines, ornamentals, etc.)	(Acres)	$ (Omit cents)	M-70 2,3
171.	Flower and vegetable seeds, bulbs, and flowers and plants grown in the open. Underline which.	(Acres)	$ (Omit cents)	M-71 2,3

	SMALL FRUITS: Report fractional acreage. NOTE.—Do not report nonbearing acreage.	Acres harvested in 1939	Quantity harvested in 1939	Code
172.	Blackberries and dewberries (tame only)	3	Lb 50	M-72 2,3 M-75
175.	Boysenberries		Lb	2,3 M-77
177.	Loganberries		Lb	2,3 M-78
179.	Black raspberries (tame only)		Lb	2,3
180.	Red raspberries (tame only)		Lb	4,5 M-81
181.	Strawberries	2	Lb 2400	2,3 M-82
182.	Youngberries		Lb	2,3 M-
183.	Other (specify)		Lb	2,3 M-
	Report: Blueberries, cranberries, currants, gooseberries, etc.		Lb	2,3

	TREE FRUITS, NUTS, AND GRAPES:	Total acres, April 1, 1940	Acres irrigated in 1939	N (1st item only)
184.	Land in bearing and nonbearing fruit orchards, vineyards, and planted nut trees, April 1, 1940 (omit nurseries). Report fractional acreage.	6 1/2	6 1/2	1,2

KIND OF FRUIT: Report dried fruits on fresh-weight basis. Do not include trees and vines in nursery.	Number of trees or vines, April 1, 1940: Not of bearing age	Of bearing age	Quantity harvested in 1939. Report fruits on fresh basis	
				N-85
185. Apples		175	Bu 1700	4,5,6 N-86
187. Sour cherries			Lb	4,5,6
188. Sweet cherries			Lb	7,8,9 N-89
189. Peaches			Bu	4,5,6 N-92
193. Bartlett pears		125	Bu 480	4,5,6
194. Pears other than Bartlett		125	Bu 480	7,8,9 N-95
195. Plums and prunes		280	Lb 20000	4,5,6 N-98
198. Grapes			Lb	4,5,6 N-99
199. Figs (all varieties)			Lb	4,5,6 N-00
200. Apricots			Lb	4,5,6 N-
208. Other tree fruits. Give name and unit of measure.			Unit	4,5,6 N-
			Unit	4,5,6 N-
			Unit	4,5,6 N-
			Unit	4,5,6 N-
Report: Nectarines, Japanese persimmons, quinces, etc.				4,5,6
209. Walnuts, English or Persian			Lb	N-09 4,5,6 N-13
213. Filberts and hazelnuts			Lb	4,5,6 N-
215. Other nuts. Specify.			Lb	4,5,6 N-
			Lb	4,5,6 N-
			Lb	4,5,6 N-
Report: Almonds, pecans, etc.			Lb	4,5,6

229.	Value of all fruits and nuts, including small fruits, produced in 1939 that were or are to be sold or traded $ 554 (Omit cents)	P	8

XVI.—VALUE OF PRODUCTS USED AND OF FOREST PRODUCTS SOLD IN 1939

231.	Value (estimated) of products of this farm in 1939 that were used by your family and by all households on this farm (meat, milk, poultry, eggs, honey, vegetables, fruits, firewood, fuel wood, etc.) $ 150 (Omit cents)	P	9
232.	Value of forest products sold in 1939 $ (Omit cents). Include firewood, fuel wood, standing timber, sawlogs, veneer logs, pulpwood, mine props, tanbark, charcoal, fence posts, railroad ties, poles and piling, turpentine, rosin, maple sirup and sugar, etc.		10

FARM AND RANCH SCHEDULE

OMITTED INQUIRY NUMBERS REPRESENT CROPS WHICH WILL BE INFREQUENTLY REPORTED IN THIS

XIV.—LIVESTOCK, APRIL 1, 1940, AND LIVESTOCK PRODUCTS, 1939

Include animals on this farm or ranch, whether belonging to the farm operator or not, also animals belonging to this farm but grazing in national forests or on open range.

	Total over 3 months old	3- to 27-month-old colts	Code
51. Horses of all kinds, including ponies, April 1, 1940 — Number			E 1, 2
52. Mules, April 1, 1940 — Number	2	1	3, 4
53. Cattle and calves *over 3 months old*, Apr. 1, 1940 — Number	3		5
Of this number, how many were—			
54. Cows and heifers that were 2 years old and over on January 1, 1940, and are— (a) Kept mainly for milk production? — Number	2		6
(b) Kept mainly for beef production? — Number			7
Cows milked and dairy products, 1939:			
55. Total cows milked during any part of 1939 (include heifers milked) — Number	2		8
56. Milk produced in 1939 (report in gallons: 8.6 pounds=1 gallon) — Gallons. Report all milk produced, whether consumed, sold, fed to stock, or otherwise disposed of.	2190		9
57. Butter churned on farm in 1939 — Pounds			10

58. Whole milk sold in 1939 — Gallons	59. Cream sold in 1939 (Butterfat content) — Pounds of butterfat	60. Butter sold in 1939 — Pounds	Code
2000			11, 12, 13

		Code
61. Value of all dairy products sold or traded in 1939—milk, cream, butter, cheese, etc. (Omit cents) — $	400	P 1
62. Sheep and lambs *over 6 months old*, April 1, 1940 — Number		E 14
Of this number how many were—		
63. Yearling ewes? — Number		15
64. Other ewes? — Number		16

NOTE.—If this farm has sheep on hand and no wool shorn in 1939, EXPLAIN.	Number shorn	Pounds of wool shorn	Code
65. Sheep and lambs shorn in 1939. Report the number of sheep and lambs shorn and not the number of fleeces. If shorn twice, write "Shorn twice."			17, 18

		Code
66. Hogs *over 4 months old*, April 1, 1940 — Number		19
Of this number, how many were—		
67. Sows and gilts that farrowed since Dec. 1, 1939, or will farrow before June 1, 1940? — Number		20

68. Animals butchered in 1939 for use on this farm or for sale from this farm — Number	Cattle (excl. calves) 1.	Calves 2.	Hogs and pigs 3.	Sheep and lambs 4.	Code
					F 1, 2, 3, 4

			Code
69. Goats and kids *over 4 months old*, April 1, 1940 — Number	Angoras	Other	5, 6
70. Mohair and kid hair clipped in 1939 — Pounds			7
71. Goats milked during any part of 1939 — Number			8

Livestock purchases and sales:	Cattle (excl. calves) 1.	Calves 2.	Hogs and pigs 3.	Sheep and lambs 4.	Code
72. Bought in 1939 — Number		14			9, 10, 11, 12
73. Sold alive in 1939 — Number		1			13, 14, 15, 16

		Code
74. Value of all livestock sold or traded in 1939, except poultry, bees, and fur animals. (Omit cents) — $	12	P 2

NOTE.—If this farm has chickens on hand but raised none or produced no eggs in 1939, EXPLAIN.	Number on hand over 4 months old on April 1, 1940	Number raised in 1939	For office use only	Code
75. Chickens	210	400		G 1, 2
76. Turkeys	6	18		3, 4
77. Ducks				5, 6
78. Other (specify)				7, 8
Report separately geese, guineas, pigeons, quail, pheasants, etc.				
79. Total chickens sold (including broilers and fryers) alive or dressed in 1939 — Number. Omit any sold as baby chicks.	150			9
80. Chicken eggs produced in 1939 — Dozens	365			10
81. Value of all poultry, eggs, baby chicks, poults, etc., sold or traded in 1939. (Omit cents) — $	210			P 3
82. Hives of bees, April 1, 1940: (a) Owned by others, but kept on this farm — Number	50			G 11
(b) Owned by you, on this farm and on non-farm land such as deserts, hills, swamps, etc. — Number				12
83. Honey produced by your bees in 1939 — Pounds				13

FUR ANIMALS IN CAPTIVITY:	Silver fox	Mink	Code
84. Females *over 3 months old*, April 1, 1940 — Number			14, 15
85. Pelts taken in 1939 — Number. Include only pelts taken from silver foxes and minks kept in captivity.			16, 17

		Code
86. Value of wool, mohair, meat, hides, etc., bees, honey, wax, and fur animals and pelts sold or traded in 1939. (Omit cents) — $		P 4

XV.—CROPS HARVESTED ON THIS FARM IN 1939

	Total acres harvested in 1939	Total quantity harvested in 1939	Irrigated acres harvested in 1939	Code
CORN: Omit sweet corn (except for silage primarily). Also omit popcorn, "Egyptian corn," kafir, and milo maize. If grown with other crops, report total acreage of mixture. NOTE.—The sum of the acres reported under Q. 88-90 must equal the answer to Q. 87.				H-1
87. Total acreage of corn for all purposes	3	x x x x	3	1, X, 3
88. Corn for grain, whether snapped, husked, or machine-harvested for grain. 56 lb. shelled corn or 70 lb. ear corn=1 bu.		Bu.		4, 5, 6
89. Corn cut for silage		Tons		7, 8, 9
90. Whole plant hogged or grazed off by livestock, or cut for green or dry fodder, and not husked or snapped	3	x x x x	3	10, X, 12
SORGHUMS: "Egyptian corn," kafir, milo, hegari, atlas, sorghum cane, sweet sorghums, etc.				H-2
91. All sorghums harvested for grain. Either threshed or fed in the head after cutting from stalk. 1 ton heads=25 bu. grain.	10	Bu. 120	10	1, 2, 3
92. All sorghums cut for silage only. Green weight.		Tons		4, 5, 6
93. All sorghums cut for hay or fodder. Heads not cut off or threshed. Dry weight.		Tons		7, 8, 9
SMALL GRAINS threshed (or combined): NOTE.—Report grain hay under Question 121.				J-95
95. Mixed grains, **other than a flax and wheat mixture**. Wheat and oats; wheat and barley; wheat and rye; oats and barley; oats and peas; etc. Underline or give mixture.	10	Bu. 128		2, 3, 4
96. Oats threshed (or combined)		Bu.		H-3 1, 2, 3
97. Oats cut for grain when ripe or nearly ripe and fed unthreshed. Omit oat hay.	10	x x x x		4, X, 6
98. Barley threshed (or combined)		Bu.		J-98 2, 3, 4
99. Rye threshed (or combined)		Bu.		J-99 2, 3, 4
100. Flax threshed (or combined). Where flax and wheat were grown together, report one-half the acreage under each crop.		Bu.		J-00 2, 3, 4
101. Winter wheat (fall or winter sown) threshed (or combined)	18	Bu. 180		H-4 1, 2, 3
104. Spring wheat (spring sown) threshed (or combined)		Bu.		4, 5, 6
107. Rice (rough or paddy) threshed (or combined)		100-lb. bags		J-07 2, 3, 4

ANNUAL LEGUMES for all purposes, except plowed under for green manure:

Where grown with corn or other crops, report acreage of mixture in second column. The annual legumes cured for hay included under Q. 109-115 must also be reported under Q. 116. Report fractional acreage.	Total acres grown in 1939: Alone	Total acres grown in 1939: With other crops	Nuts, peas, beans, and seed harvested in 1939	Irrigated acres grown in 1939	Code
					K-9
109. Peanuts, total			x x x x		2, 3, X, 5
For hay, nuts, grazed or hogged off. (a) Harvested for picking and threshing			Lb.		6, 7, 8, 9
111. Vetches, velvetbeans, mung and horse beans. Underline kind.			100-lb. bags		K-1 2, 3, 4, 5
113. Dry lima beans. Report green limas under vegetables.			100-lb. bags		K-2 2, 3, 4, 5
114. Other dry field and seed beans (kidney, pink, pinto, small white, blackeyes, etc.) and lentils. Underline or give kind. Report green snap, string, and wax beans under vegetables.			100-lb. bags		6, 7, 8, 9
115. Dry field and seed peas (specify kind). Omit cowpeas. Report peas harvested green under vegetables.			100-lb. bags		K-5 2, 3, 4, 5

HAY CROPS: For each hay, give total production all cuttings, counting only once acres of land on which grown.

	Total acres harvested in 1939	Total quantity harvested in 1939	Irrigated acres harvested in 1939	Code
116. HAY FROM: Cowpeas, Peanuts, Canada-peas, Austrian-peas, Other peas, Vetches, Crotalaria, Soybeans, Velvetbeans, Horsebeans, Mungbeans, Other beans, Beggarweed, Lupines		Tons		J-16 2, 3, 4
Underline kind. Acres for hay included under Q. 109-115 must be reported here also. Include peanut vines saved for hay, but omit "straw" where beans or peas have been threshed.				
117. Alfalfa cut for hay	58	Tons 290	58	J-17 2, 3, 4
118. Sweetclover cut for hay		Tons		J-18 2, 3, 4
119. Lespedeza cut for hay		Tons		J-19 2, 3, 4
120. Clover or timothy, alone or mixed, cut for hay (do not include sweetclover)		Tons		J-20 2, 3, 4
121. Small grain hay—wheat, oats, barley, rye, etc. Underline or give kind. Omit oats reported under Question 97.		Tons		J-21 2, 3, 4
122. All other tame hay cut. Include old meadows, millet, Sudan, Johnson grass, orchard grass, redtop, crested wheatgrass, etc. Underline or give kind.		Tons		J-22 2, 3, 4
123. Wild hay cut—marsh, prairie, or range grasses		Tons		J-23 2, 3, 4

FARM AND RANCH SCHEDULE

GENERAL AREA. WHERE FRACTIONAL ACREAGE OR PRODUCTION IS REQUIRED, REPORT AS: 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/8, ETC.

SCHEDULE No. 1 0 3 0

THE ABOVE SPACE FOR OFFICE USE ONLY

STATES
Arizona.
California.

REGION 9

	CLOVER AND GRASS SEEDS: Report on "country-run" basis.	Total acres harvested in 1939	Total quantity harvested in 1939	Irrigated acres harvested in 1939	Code
124.	Alfalfa seed	24	Bu 30	24	J-24 / 2,3,4 J-25
125.	Sweetclover seed		Bu		2,3,4 J-26
126.	Lespedeza seed. Korean, Kobe, sericea, etc. Underline or give kind.		Lb		2,3,4 J-27
127.	Clover seed. Red, mammoth, Ladino, alsike, crimson, white Dutch, etc. Underline or give kind.		Bu		2,3,4 J-28
128.	Grass seed. Timothy, redtop, bluegrass, millet, Sudan, canary, bent, ryegrass, crested wheatgrass, etc. Underline or give kind.		Bu		2,3,4

	MISCELLANEOUS CROPS: Report fractional acreage.				Code
129.	Irish potatoes. Grown for home use or for sale.		100-lb. bags		L-29 / 1,2,3
130.	Cotton harvested. If sold in the seed, estimate square bales of lint.	79	Running square bales (Fractions) 60	79	L-30 / 1,2,3 L-31
131.	Sweetpotatoes and yams. Grown for home use or for sale.		100-lb. bags		1,2,3 L-35
135.	Sugar beets harvested for sugar		Tons		1,2,3 L-36
136.	Hops		Lb		1,2,3 L-40
140.	Silage crops, other than corn and sorghums (specify). Alfalfa silage, soybean silage, oat silage, etc. Omit byproducts, as beet tops and pulp, pea vines, etc.		Tons		1,2,3
141.	Root and grain crops (other than corn and annual legumes) hogged or grazed off		X X X X X		L-41 / 1,X,3
142.	Other field crops not elsewhere reported. Give name and unit of measure.		Unit		L- / 1,2,3

Report:
Buckwheat. Cassava. Chicory. Cowpeas. Flax for fiber. Ginseng. Golden seal. Mint for oil. Mustard seed. Popcorn. Soybeans. Sugar beet seed. Sunflower seed. Sweet sorghums for sirup. Tobacco, etc.

143. Value of the crops reported under Questions 87–142 (including landlord's share) which were or are to be sold or traded $ 4952 (Omit cents) — P 5

VEGETABLES FOR FARM HOUSEHOLD(S') USE:

144. Value of vegetables grown on this farm in 1939 for consumption by your family and by all households on this farm $ (Omit cents) — M-44 / X,X,3

Omit Irish and sweet potatoes, also any vegetables fed to animals.

VEGETABLES harvested in 1939 FOR SALE (not for home use): — P 6

Include vegetables sold to canneries.
NOTE.—Where a crop was harvested following another on the same land during the year, report acreage for each crop.
For office use only →

Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code
145. Globe artichokes		$	M-45 / 2,3 M-46
148. Asparagus		$	2,3 M-47
147. Green lima beans		$	2,3 M-48
148. Snap, string, or wax beans		$	2,3 M-50
150. Broccoli		$	2,3 M-51
151. Cabbage		$	2,3
152. Cantaloups, muskmelons, honeyballs, honeydews, casabas, Persian, etc.		$	M-52 / 2,3 M-53
153. Carrots		$	2,3 M-54
154. Cauliflower		$	2,3 M-55
155. Celery		$	2,3 M-56
156. Sweet corn		$	2,3 M-57
157. Cucumbers		$	2,3

Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code
159. Garlic		$	M-59 / 2,3 M-61
161. Lettuce		$	2,3 M-62
162. Dry onions		$	2,3 M-63
163. Green peas		$	2,3 M-64
164. Sweet peppers and pimientos		$	2,3 M-65
165. Spinach		$	2,3 M-66
166. Tomatoes		$	2,3 M-67
167. Watermelons		$	2,3 M-
168. Other* (specify)		$	2,3 M-
		$	2,3 M-
		$	2,3 M-
		$	2,3

List separately any other vegetables sold except Irish and sweet potatoes.

* The following, if for sale, to be reported under Question 168: Beets (table). Brussels sprouts. Swiss chard. Chayote. Chinese cabbage. Collards. Water cress. Dandelions. Dasheen. Eggplant. Endive. Escarole. Horseradish. Kale. Kohlrabi. Mustard (greens). Okra. Green onions and shallots. Parsley. Parsnips. Hot peppers. Pumpkins. Radishes. Rhubarb. Romaine. Rutabagas. Salsify. Squash. Turnips, etc.

HORTICULTURAL SPECIALTIES: — P 7

Report fractional acreage.
For office use only →

		Area in 1939	Sales in 1939	Code
169.	Crops grown under glass (flowers and plants, also vegetables) and propagated mushrooms. Underline which.	(Sq. feet)	$ (Omit cents)	M-69 / 2,3
170.	Nursery products (trees, shrubs, vines, ornamentals, etc.)	(Acres)	$ (Omit cents)	M-70 / 2,3
171.	Flower and vegetable seeds, bulbs, and flowers and plants grown in the open. Underline which.	(Acres)	$ (Omit cents)	M-71 / 2,3

	SMALL FRUITS: Report fractional acreage. NOTE.—Do not report nonbearing acreage.	Acres harvested in 1939	Quantity harvested in 1939	Code
172.	Blackberries and dewberries (tame only)		Qt	M-72 / 2,3 M-78
178.	Raspberries (tame only)		Qt	2,3 M-81
181.	Strawberries		Qt	2,3 M-
183.	Other (specify) Youngberries	1/2	Qt 200	2,3

Report: Boysenberries, currants, gooseberries, loganberries, youngberries, etc.

	TREE FRUITS, NUTS, AND GRAPES: Report fractional acreage.	Total acres, April 1, 1940	Acres irrigated in 1939	Code
184.	Land in bearing and nonbearing fruit orchards, vineyards, and planted nut trees, April 1, 1940 (omit nurseries)	41	41	0 (1st item only) 1,2

KIND OF FRUIT: Report dried fruits, except prunes and figs, on fresh-weight basis. Do not include trees and vines in nursery.	Number of trees or vines, April 1, 1940: Not of bearing age	Of bearing age	Quantity harvested in 1939 Report fruits on fresh basis except prunes and figs. Report fractional tons	Code
185. Apples	9	1	Tons	0-85 / 4,5,6 0-86
186. Cherries	4		Tons	4,5,6 0-89
190. Clingstone peaches	15		Tons	4,5,6
191. Freestone peaches	150	120	Tons 15	7,8,9 0-92
193. Bartlett pears	6		Tons	4,5,6
194. Pears other than Bartlett	2	2	Tons	7,8,9 0-95
196. Plums	10		Tons	4,5,6
197. Prunes (dry weight)			Tons	7,8,9
198. Grapes (report according to variety, irrespective of use): (a) Table—Malaga, Tokay, etc.			Tons	0-98 4,5,6
(b) Raisin—Muscat, Thompson, Sultana, currants, etc.		11000	Tons 60	7,8,9,
(c) Wine or juice—Zinfandel, Alicante, Carignane, etc.			Tons	10, 11, 12 0-99
199. Figs (all varieties—dry wt.)		110	Tons 10	4,5,6 0-00
200. Apricots	2	4	Tons	4,5,6 0-01
201. Olives		3	Tons	4,5,6 0-02
202. Nectarines		300	Tons 15	4,5,6 0-03
203. Japanese persimmons		7	Lb	4,5,6 0-04
204. Avocados			Lb	4,5,6 0-05
205. Dates			Lb	4,5,6
208. Other tree fruits, except citrus			Unit	0- 4,5,6

Give name and unit of measure. Report: Loquats, papayas, pomegranates, quinces, etc.

209.	Walnuts, English or Persian		Tons	0-09 / 4,5,6 0-12
212.	Almonds	24	Tons	4,5,6
215.	Other nuts (specify)		Lb	0- 4,5,6

Report: Cultivated chestnuts, filberts and hazelnuts, pecans, pistachios, etc.

CITRUS FRUITS: Crop harvested, season 1938–39. From bloom of 1938.	Number of trees, April 1, 1940: Not of bearing age	Of bearing age	Quantity harvested in 1938–39 from the bloom of 1938 Report fractional tons	Code
220. Valencia oranges		5	Tons	0-16 / 4,5,6
221. Navel oranges		65	Tons 15	7,8,9
222. All other oranges (incl. satsumas, tangerines, and mandarins)			Tons	10, 11, 12 0-23
223. Grapefruit (all varieties)	2		Tons	4,5,6 0-26
226. Lemons		8	Tons	4,5,6
228. Other citrus			Unit	0- 4,5,6

Give name and unit of measure. Report: Citrons, kumquats, limequats, limes, etc.

229. Value of all fruits and nuts, including small fruits, produced in 1939 (1938–39 season for citrus) that were or are to be sold or traded (omit cents) $ 3055 — P 8

XVI.—VALUE OF PRODUCTS USED AND OF FOREST PRODUCTS SOLD IN 1939

231. Value (estimated) of products of this farm in 1939 that were used by your family and by all households on this farm—meat, milk, poultry, eggs, honey, vegetables, fruits, firewood, fuel wood, etc. (omit cents) $ 230 — P 9

232. Value of forest products sold in 1939 (omit cents) $ — 10

Include firewood, fuel wood, standing timber, sawlogs, veneer logs, pulpwood, mine props, tanbark, charcoal, fence posts, railroad ties, poles and piling, turpentine, resin, maple sirup and sugar, etc.



SCHEDULE FILES

Regionalization of the Farm and Ranch Schedule.—Nine regionalized Farm and Ranch Schedules were used. All inquiries on the face of the Farm and Ranch Schedule were the same for all regions. These included the questions carried under the major headings of enumerator's record and certificate, farm operator, farm tenure, farm acreage, farm values, farm mortgage debt and farm taxes, other land owned, work off farm and years on this farm, irrigation, cooperative selling and purchasing, farm labor, farm expenditures, farm machinery and facilities, and supplemental information. The questions on livestock and livestock products, which occupy the first column of the reverse side of the schedule, were also the same for all regions as were those for corn, hay crops, clover and grass seeds, horticultural specialties, as well as those for value of products which were interspersed with the livestock and crop questions on the reverse side of the schedule.

The regionalization was confined to the crop section of the schedule and, although based primarily on what crops were grown in the different regions, it also took into account other differences such as units of production. In the case of citrus fruits, the regionalization took into account differences in the crop season. A separate column for the irrigated acreages of the individual crops was carried in those regions where irrigation was of considerable importance.

Presented on succeeding pages is a copy of the crop section of the master schedule. On this master schedule are included all the crop questions with an indication as to the regions in which each of the regional inquiries was used. The nine regions are indicated on the United States outline map. The States included in each region are also listed. The States for which provision was made on the schedule for securing irrigated acreages of crops harvested are also indicated on this map.

Method of canvass.— In the 1940 Agriculture Census, as in previous censuses for agriculture, each enumerator made a personal canvass of the farms in his district. A separate schedule was required for every farm, as has been the custom for each Agriculture Census beginning with 1900. Thus the Agriculture Census data are the results obtained from tabulating the information given by the farm operators to the census enumerators.

For purposes of administrative control of the enumeration, the continental United States was divided into 104 areas, each area being administered by an area manager. These areas were, in turn, subdivided into 532 districts, each of which was headed by a district supervisor. The number of enumerators employed in the Sixteenth Decennial Census was 102,117, each enumerator being assigned one or more of the 147,992 enumeration districts. These districts were laid out in such fashion that: (1) All incorporated places formed separate enumeration districts; (2) each township, precinct, judicial district, or other minor civil division, or "balance of township" formed one or more enumeration districts; (3) parts of 2 or more townships, or other minor civil divisions, were not placed in the same enumeration district.

During the period September 25 to November 18, 1939, the area managers were given an intensive course of instruction in all phases of census work, including agriculture. This school for area managers was held in Washington, D. C. Similar, but regional, schools of instruction were held for the district supervisors, February 26 to March 2, 1940, in New York City; Chicago, Illinois; Minneapolis, Minnesota; Kansas City, Missouri; Denver, Colorado; San Francisco, California; Dallas, Texas; and Atlanta, Georgia. School was also held in Washington, D. C., March 4 to 9, 1940, for district supervisors in Pennsylvania, West Virginia, Maryland, Delaware, the District of Columbia, and Virginia. Prior to the work of actual enumeration, the area managers and district supervisors were further instructed by means of home-study courses conducted by correspondence. The enumerators, in turn, were instructed by the supervisors by means of prepared home-study courses, and in some cases through group instruction including the use of especially prepared sound motion pictures.

The district supervisors were provided with instructions for making a detailed examination of the first schedules returned by each enumerator and for checking key items on all succeeding schedules. When the completed schedules for a subdistrict were returned by the enumerator, the district supervisor was also instructed to check the completeness of the farm enumeration by means of the identification maps furnished the enumerator to indicate farm locations. The district supervisor then assembled the Farm and Ranch Schedules by counties, made a preliminary announcement of the number of farms by counties, and forwarded the schedules to the Bureau of the Census, Washington, D. C.

Office handling of schedules.—When the schedules were received in Washington, they were counted and arranged by M.C.D.'s (township, town, precinct, ward, beat, or other civil division of the county). The schedules for each county were then placed in folios of convenient size for handling, each folio being labeled to show the county and the M.C.D.'s for which schedules were included.

Prior to tabulating the information for publication it was necessary to examine each schedule carefully for errors and omissions, making corrections in conformity with written instructions. Also, to facilitate the classification and summation of the information, it was necessary to enter code numbers for designated items. To insure accuracy in the editing, each schedule was examined twice—once by an editing clerk and once by a review clerk. To insure that the review would be independent of the editing, the schedules were edited in one section and reviewed in another. Also, an occasional "spot review" was made by special clerks working under the direct supervision of the technical staff or subject-matter specialists.

A force of approximately 1,300 clerks was used for the editing and coding. Each group of approximately 25 clerks worked under the supervision of a section chief and an assistant. This editing force had been given intensive training in the procedures to be followed in coding, editing, and reviewing the schedules. The technical staff was responsible for this training, each subject-matter specialist covering the problems most likely to be encountered in his particular field.

In the editing and reviewing procedure, each schedule was inspected for faulty or poorly written figures; for misplaced, omitted, duplicated, or inconsistent entries; and for conformity to the Census definition of a farm. Questions arising in the editing were submitted to specialists in that particular subject. These specialists were either experts in the regular employ of the Bureau of the Census or agricultural statisticians who were called in for consultation regarding important problems peculiar to their respective States. In some instances, correspondence with enumerators or with farm operators was necessary in order to clarify unusual reports or to secure needed additional information.

When there was a question as to whether a schedule represented a farm, it was routed to a specially trained section for further inspection. If the schedule did not represent a farm according to the Census definition it was rejected. When one or more parts of a farm were reported separately, the reports were combined; for example, if separate reports were made for the owned and rented acreages for an owner operator renting additional land, the entries were combined on one schedule. Also, if two or more schedules had been prepared for the same acreage the duplicates were rejected.

Coding consisted of entering on each schedule the necessary code designations to indicate the tenure of the farm operator, the major source of income, each miscellaneous crop, and each kind of miscellaneous poultry reported. In Regions 5, 6, 7, 8, and 9 it was also necessary to indicate crops for which only a portion of the acreage was irrigated. This was done by encircling in red the entry for the irrigated portion. The coding of farms by size and by value of products was done mechanically after the data had been transmitted from the schedules to punch cards.

When all acceptable schedules for a county had been coded and edited, their arrangement by minor civil divisions was rechecked and each schedule was given a permanent identification number. The numerical information on the schedules, including both the answers to the questions and the code numbers, was then transferred to a series of punch cards.

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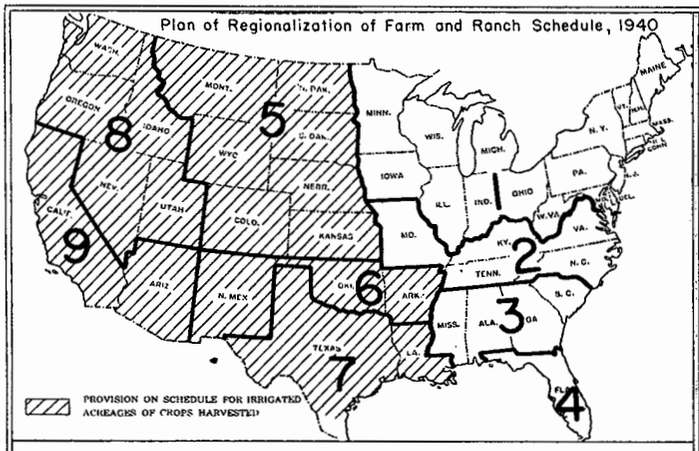
COMPOSITE FARM AND RANCH SCHEDULE (CROP PORTION ONLY)



STATES (BY REGIONS)

1

Connecticut
Delaware
District of Columbia
Illinois
Indiana
Iowa
Maine
Maryland
Massachusetts
Michigan
Minnesota
New Hampshire
New Jersey
New York
Ohio
Pennsylvania
Rhode Island
Vermont
West Virginia
Wisconsin

2

Kentucky
Missouri
North Carolina
Tennessee
Virginia

3

Alabama
Georgia
Mississippi
South Carolina

4

Florida

5

Colorado
Kansas
Montana
Nebraska
North Dakota
South Dakota
Wyoming

6

Arkansas
New Mexico
Oklahoma

7

Louisiana
Texas

8

Idaho
Nevada
Oregon
Utah
Washington

9

Arizona
California

KEY.—Any question or part of a question, column, box head, etc., which was limited to certain regions is indicated by showing in parentheses the regions where used. If only a portion of the wording of a question, box head, etc., was limited to certain regions, such portion is indicated by brackets or braces.

XV.—CROPS HARVESTED ON THIS FARM IN 1939

	[Total (5-9)] acres harvested in 1939	[Total (5-9)] quantity harvested in 1939	Irrigated acres harvested in 1939	Code (5-9)	Code (1-4)
CORN: Omit sweet corn (except for silage primarily). Also omit popcorn, *Egyptian corn, * kafir, and milo maize. If grown with other crops, report total acreage of mixture. NOTE: The sum of the acres reported under Q. 88-90 must equal the answer to Q. 87.				H-1	H-1
87. Total acreage of corn for all purposes...		X X X X		1,X,3	1,X,X
88. Corn for grain, whether snapped, husked, or machine-harvested for grain.. 56 lb. shelled corn or 70 lb. ear corn = 1 bu.		Bu		4,5,6	4,5,X
89. Corn cut for silage.....		Tons		7,8,9	7,8,X
90. Whole plant hogged or grazed off by livestock, or cut for green or dry fodder, and not husked or snapped...		X X X X		10, X,12	10, X,X
SORGHUMS: *Egyptian corn, * kafir, milo, hegari, atlas, sorghum cane, sweet sorghums, etc.				H-2	H-2
91. All sorghums harvested for grain..... Either threshed or fed in the head after cutting from stalk. 1 ton heads = 25 bu. grain.		Bu		1,2,3	1,2,X
92. All sorghums cut for silage only (green weight).....		Tons		4,5,6	4,5,X
93. All sorghums cut for hay or fodder (dry weight)..... Heads not cut off or threshed.		Tons		7,8,9	7,8,X
94. Sweet sorghums harvested for sirup... Omit cane grown from stalks or cuttings. Report fractional acreage.	(1-7)	Gal		10, 11,12	10, 11,X
SMALL GRAINS threshed (or combined): NOTE: Report grain hay under Question 121.					
95. Mixed grains, **other than a flax and wheat mixture**..... Wheat and oats; wheat and barley; wheat and rye; oats and barley; oats and peas; etc. Underline or give mixture.	(1-3,5-9)	Bu		J-95 2,3,4	J-95 2,3,X
96. Oats threshed (or combined).....		Bu		H-3 1,2,3	H-3 1,2,X
97. Oats cut for grain when ripe or nearly ripe and fed unthreshed (omit oat hay).		X X X X		4,X,6	4,X,X
98. Barley threshed (or combined).....	(1-3,5-9)	Bu		J-98 2,3,4	J-98 2,3,X
99. Rye threshed (or combined).....		Bu		J-99 2,3,4	J-99 2,3,X
100. Flax threshed (or combined)..... Where flax and wheat were grown together, report one-half of the acreage under each crop.	(1,5,7-9)	Bu		J-00 2,3,4	J-00 2,3,X
101. Winter wheat (fall or winter sown) threshed (or combined).....	(1-3,5-9)	Bu		H-4 1,2,3	H-4 1,2,X
102. Durum and macaroni wheat (spring sown) threshed (or combined).....	(5)	Bu		4,5,6	
103. Other spring wheat (spring sown) threshed (or combined).....	(5)	Bu		7,8,9	
104. Spring wheat (spring sown) threshed (or combined).....	(1,6,8,9)	Bu		4,5,6	4,5,X
105. Emmer and spelt threshed (or combined) Underline which.	(1,5)	Bu		J-05 2,3,4	J-05 2,3,X
106. Buckwheat threshed (or combined).....	(1,2,5)	Bu		J-06 2,3,4	J-06 2,3,X
107. Rice (rough or paddy) threshed (or combined).....	(3,4,6,7,9)	162-lb.bbl. (3,4,6,7)	100-lb. bags (9)	J-07 2,3,4	J-07 2,3,X

THIS COLUMN IN 5, 6, 7, 8, 9, ONLY

	[Total (5-9)] acres grown in 1939: Alone	[Total (5-9)] acres grown in 1939: With other crops	[Nuts (2-4,6,7,9)] peas, beans and seed harvested in 1939	Irrigated acres grown in 1939		
ANNUAL LEGUMES for all purposes, except plowed under for green manure: Where grown with corn or other crops, report acreage of mixture in second column. The annual legumes cured for hay included under Questions 108-115 [111-115 (9). 108-115 (9)] must also be reported under Question 116. Report fractional acreage.					K-8	K-8
108. Soybeans, total..... For hay, beans, grazed or hogged off.	(1-7)		X X X X		2,3,X,5	2,3,X,X
(a) Harvested for beans only....	(1-7)		Bu		6,7,8,9	6,7,8,X
109. Peanuts, total..... For hay, nuts, grazed or hogged off.	(2-4, 6,7,9)		X X X X		K-9 2,3,X,4	K-9 2,3,X,X
(a) Harvested for picking and threshing.....	(2-4, 6,7,9)		Lb		6,7,8,9	6,7,8,X
110. Cowpeas, total..... For hay, peas, grazed or hogged off.	(1-7)		X X X X		K-0 2,3,X,5	K-0 2,3,X,X
(a) Harvested for peas.....	(1-7)		Bu		6,7,8,9	6,7,8,X
111. Vetches, velvetbeans, mung and horse beans..... Underline kind.			Bu (1-8) / 100-lb. bags (9)		K-1 2,3,4,5	K-1 2,3,4,X
112. Other dry field and seed beans (navy, pea bean, Great Northern, kidney, lima, pinto, etc.) and lentils..... Underline or give kind. Report green lima, snap, string, and wax beans under vegetables.	(1-8)		Bu		K-2 2,3,4,5	K-2 2,3,4,X
113. Dry lima beans..... Report green limas under vegetables.	(9)		100-lb. bags		K-2 2,3,4,5	
114. Other dry field and seed beans (kidney, pink, pinto, small white, blackeyes, etc.) and lentils... Underline or give kind. Report green snap, string, and wax beans under vegetables.	(9)		100-lb. bags		6,7,8,9	
115. Dry field and seed peas (specify kind)..... Omit cowpeas. Report peas harvested green under vegetables.			Bu (1-8) / 100-lb. bags (9)		K-5 2,3,4,5	K-5 2,3,4,X

THIS COLUMN IN 5, 6, 7, 8, 9, ONLY

TECHNIQUE OF TABULATION AND PROCEDURES

COMPOSITE FARM AND RANCH SCHEDULE (CROP PORTION ONLY)

TREE FRUITS, NUTS, AND GRAPES:

Report fractional acreage.

		Total acres, Apr. 1, 1940	Acres irrigated in 1939	Code N (1st item only) 1,2	Code O (1st item only) 1,2
184.	Land in bearing and nonbearing fruit orchards, vineyards, and planted nut trees, April 1, 1940 (omit nurseries)	(5-0)			
		(1-4) Acres		1,X	1,X

KIND OF FRUIT: Report dried fruits, [except prunes and figs (9)] on fresh-weight basis. Do not include trees and vines in nursery.	Number of trees or vines, April 1, 1940: Not of bearing age	Number of trees or vines, April 1, 1940: Of bearing age	Quantity harvested in 1939. Report fruits on fresh basis except prunes and figs. Report fractional tons. (9)	Code (1-3,5,6,8)	Code (4,7,9)
185. Apples	(1-3,5-9)		Bu (1-3,5-8)	N-85	0-85
			Tons (9)	4,5,6	4,5,6
186. Cherries	(2,3,6,7,9)		Lb (2,3,6,7) Tons (9)	N-86 4,5,6	0-86 4,5,6
187. Sour cherries	(1,5,8)		Lb	N-86 4,5,6	
188. Sweet cherries	(1,5,8)		Lb	7,8,9	
189. Peaches	(1-8)		Bu	N-89 4,5,6	0-89 4,5,6
190. Clingstone peaches	(9)		Tons		0-89 4,5,6
191. Freestone peaches	(9)		Tons		7,8,9
192. Pears	(1-7)		Bu	N-92 4,5,6	0-92 4,5,6
193. Bartlett pears	(8,9)		Bu (8) Tons (9)	N-92 4,5,6	0-92 4,5,6
194. Pears other than Bartlett	(8,9)		Bu (8) Tons (9)	7,8,9	7,8,9
195. Plums and prunes	(1-8)		Bu (1-7) Lb (8)	N-95 4,5,6	0-95 4,5,6
196. Plums	(9)		Tons		0-95 4,5,6
197. Prunes (dry weight)	(9)		Tons		7,8,9
198. Grapes	(1-8)		Lb	N-98 4,5,6	0-98 4,5,6
198. Grapes (report according to variety, irrespective of use): (a) Table—Malaga, Tokay, etc.	(9)		Tons		0-98 4,5,6
(b) Raisin—Muscat, Thompson, Sultana, currants, etc.	(9)		Tons		7,8,9
(c) Wine or juice—Zinfandel, Alicante, Carignane, etc.	(9)		Tons		10, 11,12
199. Figs (all varieties [—dry weight (9)])	(2-4,6-9)		Lb (2-4,6-8) Tons (9)	N-99 4,5,6	0-99 4,5,6
200. Apricots	(5-9)		Bu (5-7) Tons (9) Lb (8)	N-00 4,5,6	0-00 4,5,6
201. Olives	(9)		Tons		0-01 4,5,6
202. Nectarines	(9)		Tons		0-02 4,5,6
203. Japanese persimmons	(4,9)		Lb		0-03 4,5,6
204. Avocados	(4,9)		Lb		0-04 4,5,6
205. Dates	(9)		Lb		0-05 4,5,6
206. Guavas	(4)		Lb		0-06 4,5,6
207. Papayas	(4)		Lb		0-07 4,5,6
208. Other tree fruits [except citrus (3,4,7,9)]. Give name and unit of measure.			Unit	N- 4,5,6	0- 4,5,6
			Unit	N- 4,5,6	0- 4,5,6

Report: Apples (4), Apricots (1-4), Avocados (7), Bananas (4,7), Dates (7), Figs (1), Jujubes (3,4,7), Loquats (4,7,9), Mangoes (4), Nectarines (1-8), Olives (7), Papayas (7,9), Japanese persimmons (2,3,6-8), Pineapples (4), Pomegranates (3,4,7,9), Quinces (1-3,5,6-9), Sapodillas (4), Sugar apples (4), etc.

209. Walnuts, English or Persian	(8,9)		Lb (8) Tons (9)	N-09 4,5,6	0-09 4,5,6
210. Improved pecans (budded, grafted, or top-worked)	(1-7)		Lb	N-10 4,5,6	0-10 4,5,6
211. Wild or seedling pecans	(1-7)		Lb	7,8,9	7,8,9
212. Almonds	(9)		Tons		0-12 4,5,6
213. Filberts and hazelnuts	(8)		Lb	N-13 4,5,6	
214. Tung nuts	(3,4,7)		Lb	N-14 4,5,6	0-14 4,5,6
215. Other nuts (Specify)			Lb	N- 4,5,6	0- 4,5,6
			Lb	N- 4,5,6	0- 4,5,6

Report: Almonds (6-8), Cultivated chestnuts (1-4,9), Coconuts (4), Filberts and hazelnuts (9), Pecans (8,9), Pistachios (9), Tung nuts (6), English or Persian Walnuts (1-7), etc.

CITRUS FRUITS: (3,4,7,9)

Crop harvested, season { 1939-40 (3,4,7) / 1938-39 (9) }

From the bloom of { 1939 (3,4,7) / 1938 (9) }

	Number of trees, April 1, 1940: Not of bearing age	Number of trees, April 1, 1940: Of bearing age	Quantity harvested in { 1939-40 (3,4,7) / 1938-39 (9) } From the bloom of { 1939 (3,4,7) / 1938 (9) } Report fractional tons (7,9)	Code (1-3,5,6,8)	Code (4,7,9)
216. Oranges (satsumas, tangerines, mandarins, etc.)	(3)		Bu	(3) N-16 4,5,6	
217. Satsuma oranges	(4,7)		Field boxes (4) Bu (7)		(4,7) 0-16 4,5,6
218. Tangerines and mandarins	(4,7)		Field boxes (4) Tons (7)		7,8,9
219. Other early and mid-season oranges	(4,7)		Field boxes (4) Tons (7)		10, 11,12
220. Valencia [and other late (4, 7)] oranges	(4,7,9)		Field boxes (4) Tons (7,9)	(9) 0-16 4,5,6	13, 14,15
221. Navel oranges	(9)		Tons	7,8,9	
222. All other oranges (incl. satsumas, tangerines, and mandarins)	(9)		Tons	10, 11,12	(4,7,9)
223. Grapefruit (all varieties)	(9)		Tons		0-23 4,5,6
224. Seedless grapefruit, Marsh, etc.	(4,7)		Field boxes (4) Tons (7)		0-23 4,5,6
225. All other grapefruit	(4,7)		Field boxes (4) Tons (7)		7,8,9
226. Lemons	(4,7,9)		Field boxes (4) Tons (7,9)		0-26 4,5,6
227. Limes	(4)		Lb Unit		0-27 4,5,6
228. Other citrus. Give name and unit of measure.			Unit	(3) N- 4,5,6	0- 4,5,6
				N- 4,5,6	0- 4,5,6

Report: Citrons (4,7,9), Grapefruit (3), Kumquats (3,4,7,9), Lemons (3), Limequats (4,7,9), Limes (3, 7, 9)

229. Value of all fruits and nuts, including small fruits, produced in 1939 { 1939-40 season for citrus (3,4,7) / 1938-39 season for citrus (9) } that were or are to be sold or traded. $ (Omit cents)				(1-9) P 8	
(This question in 1 only) 230. Maple sirup and sugar made in 1939	Trees tapped (Number)	Sirup (Gallons)	Sugar (Pounds)	(1) N-30 4,5,6	

XVI.—VALUE OF PRODUCTS USED AND OF FOREST PRODUCTS SOLD IN 1939

231. Value (estimated) of products of this farm in 1939 that were used by your family and by all households on this farm (meat, milk, poultry, eggs, honey, vegetables, fruits, firewood, fuel wood, etc.) $ (Omit cents)	(1-9) P 9	
232. Value of forest products sold in 1939 $ (Omit cents). Include firewood, fuel wood, standing timber, sawlogs, veneer logs, pulpwood, mine props, tanbark, charcoal, fence posts, railroad ties, poles and piling, turpentine, resin, maple sirup and sugar, etc.	10	

COMPOSITE FARM AND RANCH SCHEDULE (CROP PORTION ONLY)

HAY CROPS:

For each hay, give total production all cuttings, counting only once acres of land on which grown.

	[Total (5-9)] acres harvested in 1939	[Total (5-9)] quantity harvested in 1939	Irrigated acres harvested in 1939	Code (5-9)	Code (1-4)
116. **HAY FROM:** Cowpeas. Soybeans. Peanuts. Velvetbeans. Canada peas. Horsebeans. Austrian peas. Mungbeans. Other peas. Other beans. Vetches. Beggarweed. Crotalaria. Lupines.....		Tons		J-16	J-16
Underline kind. Acres for hay included under Questions 108 to 115 [111 to 115 (8), 109 to 115 (9)] **must be reported here** also. Include peanut vines saved for hay, but **omit** "straw" where beans or peas have been threshed.				2,3,4	2,3,X
117. Alfalfa cut for hay.....		Tons		J-17	J-17
				2,3,4	2,3,X
118. Sweetclover cut for hay.....		Tons		J-18	J-18
				2,3,4	2,3,X
119. Lespedeza cut for hay.....		Tons		J-19	J-19
				2,3,4	2,3,X
120. Clover or timothy, alone or mixed, cut for hay..... Do not include sweetclover.		Tons		J-20	J-20
				2,3,4	2,3,X
121. Small grain hay—wheat, oats, barley, rye, etc..... Underline or give kind. Omit oats reported under Question 97.		Tons		J-21	J-21
				2,3,4	2,3,X
122. All other tame hay cut..... Include old meadows, millet, Sudan, Johnson grass, orchard grass, redtop, crested wheatgrass, etc. Underline or give kind.		Tons		J-22	J-22
				2,3,4	2,3,X
123. Wild hay cut—marsh, prairie, or range grasses.....		Tons		J-23	J-23
				2,3,4	2,3,X

THIS COLUMN IN 5,6,7,8,9 ONLY

CLOVER AND GRASS SEEDS:

Report on "country-run" basis.

	[Total (5-9)] acres harvested in 1939	[Total (5-9)] quantity harvested in 1939	Irrigated acres harvested in 1939	Code (5-9)	Code (1-4)
124. Alfalfa seed.....		Bu		J-24	J-24
				2,3,4	2,3,X
125. Sweetclover seed.....		Bu		J-25	J-25
				2,3,4	2,3,X
126. Lespedeza seed..... Korean, Kobe, sericea, etc. Underline or give kind.		Lb		J-26	J-26
				2,3,4	2,3,X
127. Clover seed..... Red, mammoth, Ladino, alsike, crimson, white Dutch, etc. Underline or give kind.		Bu		J-27	J-27
				2,3,4	2,3,X
128. Grass seed..... Timothy, redtop, bluegrass, millet, Sudan, canary, bent, ryegrass, crested wheatgrass, etc. Underline or give kind.		Bu		J-28	J-28
				2,3,4	2,3,X

THIS COLUMN IN 5,6,7,8,9 ONLY

MISCELLANEOUS CROPS:

Report fractional acreage.

				Code (5-9)	Code (1-4)
129. Irish potatoes..... Grown for home use or for sale.		Bu (1-8) 100-lb. bags (9)		L-29	L-29
				1,2,3	1,2,X
130. Cotton harvested..... If sold in the seed, estimate square bales of lint. [Convert round to square bales; 2 round = 1 square (6,7).]	(2-4, 6,7,9)	Running square bales (Fractions)		L-30	L-30
				1,2,3	1,2,X
131. Sweetpotatoes and yams..... Grown for home use or for sale.	(1-7,9)	Bu (1-7) 100-lb. bags (9)		L-31	L-31
				1,2,3	1,2,X
132. Tobacco [total, all types, (1-4)].. Give type number or local designation. If more than 1 type, give separate reports for each below.	(1-7)	Lb		L-32	L-32
				1,2,3	1,2,X
.....	(1-4)	Lb			
.....		Lb			
133. Sugarcane (not sorghum) for sirup..... Include both thick and slender stalk varieties grown from stalks, cuttings, or stubble.	(3,4,6,7)	Gal (Sirup)		L-33	L-33
				1,2,3	1,2,X
134. Sugarcane cut for sugar or sale to mills.....	(4,7)	Tons (Cane)		L-34	L-34
				1,2,3	1,2,X
135. Sugar beets harvested for sugar...	(1,5,8,9)	Tons		L-35	L-35
				1,2,3	1,2,X
136. Hops.....	(8,9)	Lb		L-36	
				1,2,3	
137. Broomcorn.....	(1,5,6,7)	Lb		L-37	L-37
				1,2,3	1,2,X
138. Popcorn.....	(1,5,7)	Bu		L-38	L-38
				1,2,3	1,2,X
139. Mint harvested for oil..... Peppermint and spearmint. Underline which.	(1,8)	Lb (Oil)		L-39	L-39
				1,2,3	1,2,X
140. Silage crops, other than corn and sorghums (specify)..... Alfalfa silage, soybean silage, oat silage, etc. Omit byproducts, as beet tops and pulp, pea vines, etc.		Tons		L-40	L-40
				1,2,3	1,2,X
141. Root and grain crops (other than corn and annual legumes) hogged or grazed off.....		X X X X		L-41	L-41
				1,X,3	1,X,X
142. Other field crops not elsewhere reported..... Give name and unit of measure.		Unit		L-	L-
				1,2,3	1,2,X
.....		Unit		L-	L-
				1,2,3	1,2,X

THIS COLUMN IN 5,6,7,8,9 ONLY

Report: Barley (4), Broomcorn (2,3), Buckwheat (3,6,7,9), Cassava (4,9), Chicory (1,9), Chufas (2,3,4,6,7), Cotton (1,5), Cowpeas (6,9), Emmer and spelt (6,7,8), Flax for fiber (1,2,8,9), Flax for grain (2,3,6), Ginseng, Golden seal, Hemp (1,2), Hops (1,2,6,7), Kudzu (2,3,4), Mint for oil (9), Mustard seed (5,9), Peanuts (1,5,8), Popcorn (2,3,6,8,9), Pumpkins for feed (1,6), Rice (2,5,8), Soybeans (8,9), Spring wheat (2,7), Sugar beet seed (6,7,8), Sugar beets for sugar (6,7), Sugarcane for sirup (2), Sunflower seed (1,5,6,7,9), Sweetpotatoes (8), Sweet sorghums for sirup (8,9), Tobacco (8,9), Wheat (4), Wormseed (1), etc.

143. Value of the crops reported under Questions 87-142 (including landlord's share) which were or are to be sold or traded..... $ _____ (Omit cents)

Code (1-9) P/5

VEGETABLES FOR FARM HOUSEHOLD(S') USE:

144. Value of vegetables grown on this farm in 1939 for consumption by your family and by all households on this farm..... $ _____ (Omit cents)

Omit Irish and sweet potatoes, also any vegetables fed to animals.

Code (1-9) M-44 X,X,3 | Code

VEGETABLES harvested in 1939 FOR SALE (not for home use):

Include vegetables sold to canneries.

NOTE.—Where a crop was harvested following another on the same land during the year, report acreage for each crop.

For office use only $ _____

Code P/6

Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code (1-9)	Report fractional acreage. Omit cents	Vegetables harvested in 1939 for sale: Acres	Value	Code (1-9)
145. Globe artichokes..	(9)	$	M-45	159. Garlic.....	(7,9)	$	M-59
			2,3				2,3
146. Asparagus....		$	M-46	160. Kale.....	(2)	$	M-60
			2,3				2,3
147. Green lima beans.....		$	M-47	161. Lettuce.....		$	M-61
			2,3				2,3
148. Snap, string, or wax beans...		$	M-48	162. Dry onions...		$	M-62
			2,3				2,3
149. Beets (table)..	(1,2, 3,7)	$	M-49	163. Green peas...		$	M-63
			2,3				2,3
150. Broccoli.....	(7,9)	$	M-50	164. Sweet peppers and pimientos.....	(1-4, 7,9)	$	M-64
			2,3				2,3
151. Cabbage.....		$	M-51	165. Spinach.....		$	M-65
			2,3				2,3
152. Cantaloups, muskmelons, honeyballs, honeydews, casabas, Persian, etc...		$	M-52	166. Tomatoes.....		$	M-66
			2,3				2,3
				167. Watermelons..		$	M-67
							2,3
				168. Other*..... (Specify)		$	M-
							2,3
153. Carrots.....		$	M-53				
			2,3				
154. Cauliflower [(white broccoli) (8)]...	(1,5, 8,9)	$	M-54	.....		$	M-
			2,3				2,3
155. Celery.....		$	M-55				
			2,3				
156. Sweet corn...		$	M-56	.....		$	M-
			2,3				2,3
157. Cucumbers....		$	M-57				
			2,3				
158. Eggplant.....	(1,4,7)	$	M-58	.....		$	M-
			2,3				2,3

List separately any other vegetables sold except Irish and sweet potatoes.

*The following, if for sale, to be reported under Question 168: Globe artichokes (1-8), Beets (table) (4-6,8,9), Italian green sprouting broccoli (1-6,8), Brussels sprouts, Cauliflower (2-4,6,7), Swiss chard, Chayote (3,4,7,9), Chinese cabbage, Collards, Water cress, Dandelions, Dasheen (3,4,7,9), Eggplant (2,3,5,6,8,9), Endive, Escarole, Garlic (1-6,8), Horseradish, Kale (1,3-9), Kohlrabi, Mustard (greens), Okra, Green onions and shallots, Parsley, Parsnips, Hot peppers, Sweet peppers and pimientos (5,6,8), Pumpkins, Radishes, Rhubarb, Romaine, Rutabagas, Salsify, Squash, Turnips, etc.

HORTICULTURAL SPECIALTIES:

Report fractional acreage.

For office use only $ _____

Code P/7

	Area in 1939	Sales in 1939	Code (1-9)
169. Crops grown under glass (flowers and plants, also vegetables) and propagated mushrooms..... Underline which.	(Sq. feet)	$ (Omit cents)	M-69 2,3
170. Nursery products (trees, shrubs, vines, ornamentals, etc.).....	(Acres)	$ (Omit cents)	M-70 2,3
171. Flower and vegetable seeds, bulbs, and flowers and plants grown in the open..... Underline which.	(Acres)	$ (Omit cents)	M-71 2,3

SMALL FRUITS:

Report fractional acreage.

NOTE.—Do not report nonbearing acreage.

	Acres harvested in 1939	Quantity harvested in 1939	Code (1-9)
172. Blackberries and dewberries (tame only).....		Lb (8)	M-72
		Qt (1-7,9)	2,3
173. Tame blueberries.....	(1)	Qt	M-73 2,3
174. Wild blueberries..... Where the land is used primarily for their production.	(1)	Qt	4,5
175. Boysenberries.....	(8)	Lb	M-75 2,3
176. Cranberries.....	(1)	Qt	M-76 2,3
177. Loganberries.....	(8)	Lb	M-77 2,3
178. Raspberries (tame only).....	(2,3, 5-7,9)	Qt	M-78 2,3
		Lb (8)	M-78
179. Black raspberries (tame only).....	(1,8)	Qt (1)	2,3
		Lb (8)	
180. Red raspberries (tame only).....	(1,8)	Qt (1)	4,5
		Lb (8)	M-81
181. Strawberries.....		Qt (1-7,9)	2,3
182. Youngberries.....	(8)	Lb	M-82 2,3
183. Other (specify).....		Lb (8)	M-
		Qt (1-7,9)	2,3
.....		Lb (8)	M-
		Qt (1-7,9)	2,3

Report: Blueberries (2-9), Boysenberries (1-7,9), Cranberries (2,5,8,9), Currants, Gooseberries, Loganberries (1-7,9), Raspberries (4), Youngberries (1-7,9), etc.

PUNCH CARDS

Design of cards.—An average of 13.4 punch cards per schedule was required to carry the numerical data tabulated from the 1940 Farm and Ranch Schedules. The cards were decided upon at the time the schedule was drawn up. The design of the schedule took into account convenience of punching. Questions for related items which should be carried on the same card were placed together on the schedule insofar as possible. A code column on the schedule provided a key to the punching. The facsimile of the schedule indicates which of the replies to the schedule inquiries were punched on the "A" card, which on the "B" card, etc. By referring to the accompanying illustration of the punching of the "A" and "L" cards it will be seen that the letter and accompanying number in the code column, immediately to the right of an inquiry, show the card to which the reply was transferred and the position on the card in which the entry was punched.

For items common to two or more cards the information was punched from the schedule on only one of the cards. Therefore for such items only the one card is indicated in the code column of the schedule. For the other cards carrying these items the information was reproduced.

The 80-column-punch card was used for the 1940 Census of Agriculture. The 45-column card had been used previously. With the 80-column card it was possible to include more related items on a single card and thus bring out more relationships in the tabulations. Each of the 16 cards required was designated by a letter, A,B,C,D,E,F,G,H,J,K,L,M,N,O,P, and Q. One and only one of the A,C,D, and P cards was required for every schedule. The "B" card was required only for schedules for owner operators and cash tenants. Other cards were required when there was a report on the schedule for the item or items included on the respective cards. More than one of the G,H,J, K,L,M,N, and O cards could be used for a single schedule. This was made possible by the inclusion of space on the card for indicating the particular item or items punched. The "item" numbers or codes appear in the code column of the schedule immediately following the key letter. Thus H-1 opposite the questions for corn indicates that the information is to be punched on the H card and identified as "corn" by punching the digit "1" in the item column of the card.

Each of the item cards J,K,M,N, and O carries a "farms reporting" column for obtaining a tally of the farms reporting, i.e. farms having any specified group of crops for which these cards were used. For example, a digit "1" was punched in the "farms reporting" column of the "J" card for the first kind of hay reported on a schedule and an "X" in this column for each additional kind of hay reported on that schedule. A tabulation of these tally punches for the "J" cards for all the hay items gave the count of farms reporting any hay. Similar counts were obtained for farms reporting any small grains other than wheat or oats, for farms reporting any annual legumes, any clover or grass seeds, any vegetables harvested for sale, any horticultural specialties, any small fruits, any orchard fruits, any nuts, and any citrus fruits.

Although the schedule provided for reporting the irrigated acreages of the various crops for Regions 5,6,7,8, and 9 (see discussion of Regionalization of Farm and Ranch Schedule), cards H,J,K,L,N, and O carry no field for this acreage. Instead, they carry columns for indicating the extent of the irrigation, that is, whether the entire acreage was irrigated, only a part irrigated, or no irrigation reported. Since the schedule did not call for the extent of irrigation for vegetables, horticultural specialties, and small fruits the M card, which was used for these crops, carries no columns for irrigation. No field for the acreage of individual crops irrigated was included on the crop cards because, if a crop was irrigated, the irrigated acreage would be a duplication of the total acreage for that crop in all but a very few instances. This method of punching made it necessary to supplement the machine tabulations with a hand tabulation of the reports when only a part of the total acreage of a crop was irrigated. All such cards were machine listed to facilitate the hand tabulations.

Each card consisted of 80 columns of digits, each column from 0 through 9. Each of these columns is identified by a column number at the bottom of the card. These columns are grouped into a number of fields, several of which were used for identification purposes and the others for replies to specific questions on the schedule. The number of columns included in each field depended upon the number of digits which might be expected in the numerical data to be punched. The wording at the top of each field is descriptive of the information to be punched. Question numbers are given in parentheses below the descriptive material. Each field, other than those carrying identifying information, is further identified by a field number. In addition to the punch positions represented by the 0-9 digits, 2 other punch positions are available in each column. These, located at the top of the card, are usually referred to as "X" and "V" positions and are used entirely for control purposes and for sorting. In some instances the "X" and "V" positions are printed as 10 and 11 or as 11 and 12 to correspond to numerical codes. Similarly, the 0 position is sometimes used for a numerical code of 10. The fields used for identification purposes on each card included space for punching the identity of the card—that is, whether A,B,C,etc.—the area to which the schedule related, and the permanent schedule number. Two columns were used for the identity of the card, card A being punched 01, card B, 02, etc. The indication of the geographic area included State and county codes and a code for the M.C.D. (township, precinct, district, beat, ward, etc.). The geographic codes permitted accrediting the information recorded on each card to the particular area to which it related. The schedule number made it possible to refer to the particular report from which the information was punched.

Refer to the accompanying facsimiles of the descriptive portions of each of the 16 cards for more detailed discussions of each card.

Number of punch cards required.—For tabulating the 1940 Census returns for the 6,096,799 farms in the United States, 81,426,413 punch cards were required. This is exclusive of excess cards, summary cards, and wastage. The number required for each of the 16 kinds is shown in the following table:

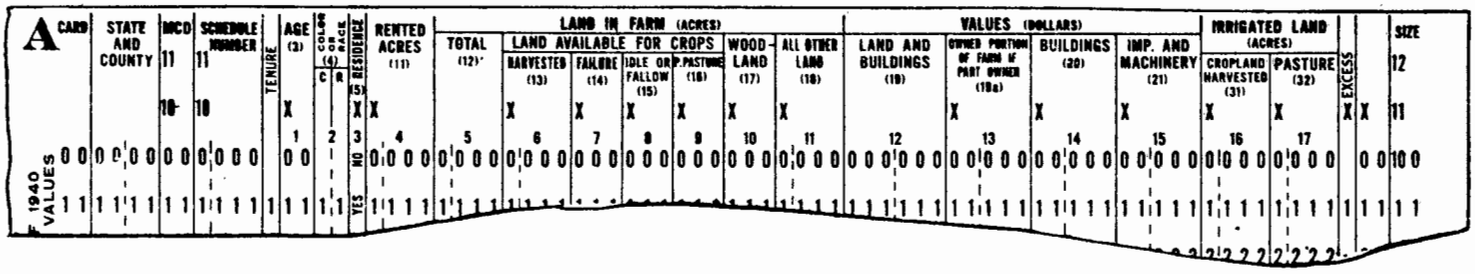
Number of Punch Cards Required for the 1940 Census of Agriculture

Card	Items included	Number of cards	Average per farm (based on No. of farms)
Total		81,426,415	13.36
A	Farm acreage and values	6,096,799	1.00
B	Farm mortgage debt, taxes, and cash rent	4,213,615	.69
C	Work off farm, years on farm, and farm machinery and facilities	6,096,799	1.00
D	Farm labor and farm expenditures	6,096,799	1.00
E	Horses, mules, cattle, dairy products, sheep, and hogs	5,484,445	.90
F	Animals butchered, livestock purchases and sales, and goats	4,797,808	.79
G	Poultry, bees, and fur animals	5,257,226	.86
H	Corn, sorghums, oats, and wheat	8,569,354	1.41
J	Small grains (other than oats and wheat), hay, and clover and grass seeds	6,277,467	1.03
K	Annual legumes	2,551,266	.42
L	Miscellaneous field crops	6,277,241	1.03
M	Vegetables, horticultural specialties, and small fruits	6,269,668	1.02
N[1]	Tree fruits, nuts, and grapes	6,354,561	[2]1.19
O[1]	Tree fruits, nuts, and grapes	829,051	[3]1.06
P	Value of farm products	6,096,799	1.00
Q	Cross-line acreage	157,535	.03

[1]Card N was used for Regions 1,2,3,5,6, and 8; and card O for Regions 4,7, and 9.
[2]Average based on the 5,315,416 farms in Regions 1,2,3,5,6, and 8.
[3]Average based on the 781,383 farms in Regions 4,7, and 9.

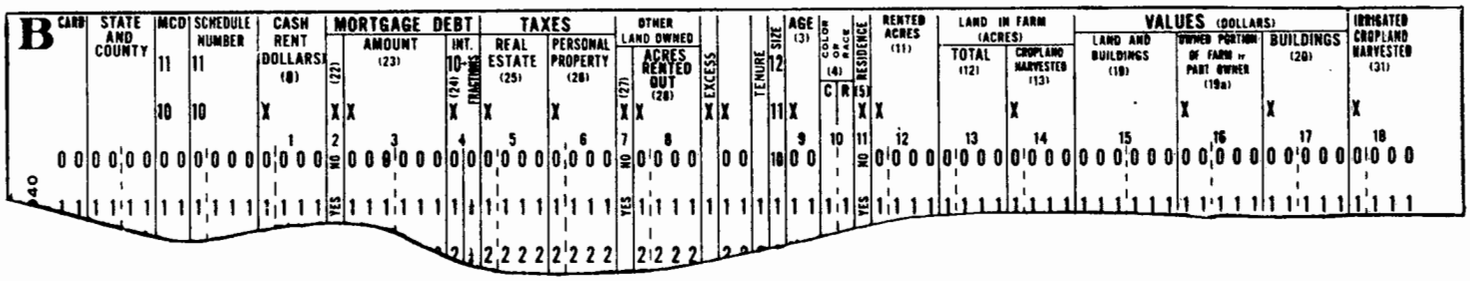
"A" Card

One "A" card was required for every farm and ranch schedule. After the "A" cards were tabulated by minor civil division and by color and tenure of operator, the cards were then sorted on field 5 to array them by size of farm and the size code was "gang" punched in columns 79-80.



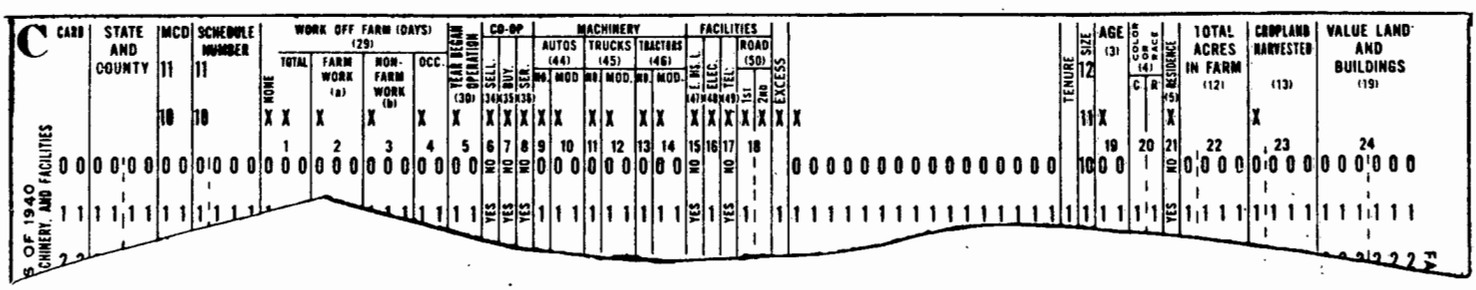
"B" Card

One "B" card was punched for every full-owner, part-owner, and cash-tenant schedule. No "B" cards were required for managers, or for tenants other than cash tenants. Mortgage debt and tax information was secured only from owner operators and the amount of cash rent was to be punched only for cash tenants and for part-owners where it represented the entire rental paid. The "B" card provided for the punching of fractions (eighths) of a percent for interest rate. An entry of a rate of interest of 10 percent or more was punched "V"; an entry of "0," "None," or "No" was punched "00." The machine tabulations were supplemented by hand tabulations of interest rates of 10 percent and over. The tenure and size codes and fields 9 to 18, inclusive, were reproduced from card "A."



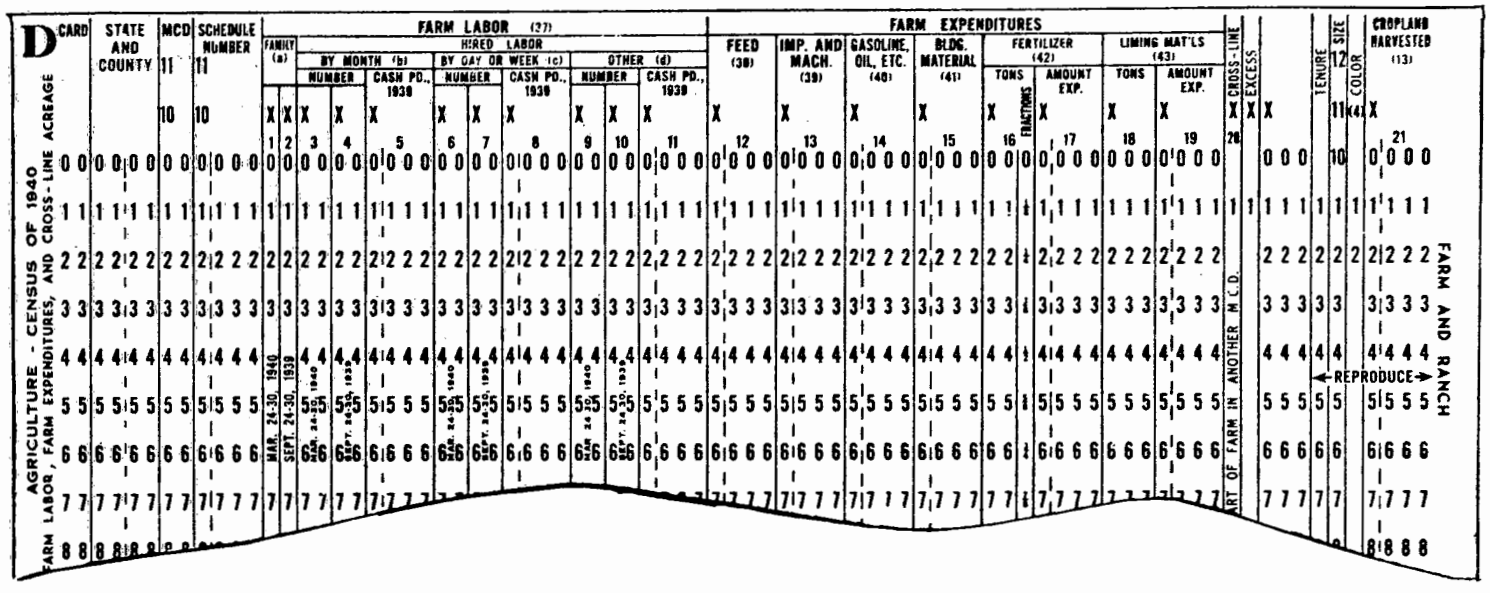
"C" Card

One "C" card was punched for every farm and ranch schedule. For total days of off-farm work, an entry of "None" was punched "VX." For the year the farmer began to operate the farm and for year of latest model of automobiles, motortrucks, and tractors, only the last two digits of the year were punched. If two kinds of roads were reported on a schedule, the small number printed in the first box checked (the higher class) was punched in column 41 and the small number printed in the second box checked (the secondary class) was punched in column 42. If more than two kinds were reported, only the first two were punched. The tenure and size codes and fields 19 to 24, inclusive, were reproduced from card "A."



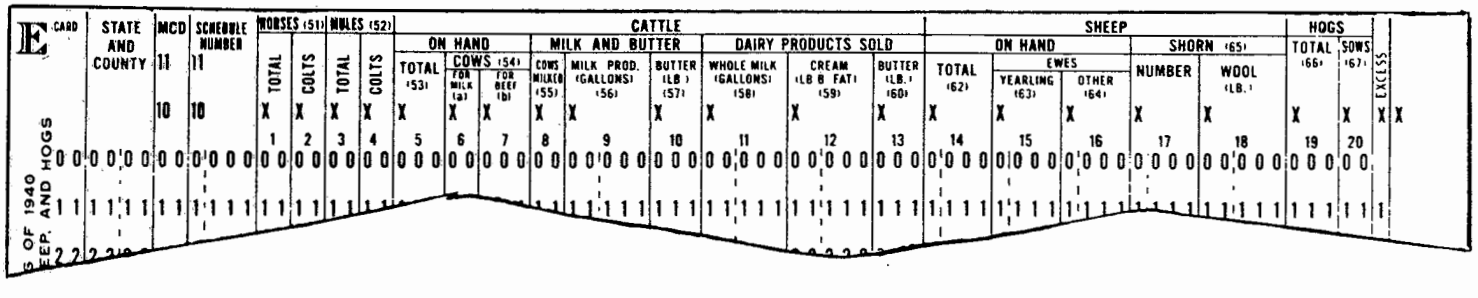
"D" Card

One "D" card was punched for every farm and ranch schedule. This card provided for the punching of fractions (eighths) of a ton of commercial fertilizer. The tenure, size, and color codes, and field 21 were reproduced from card "A."



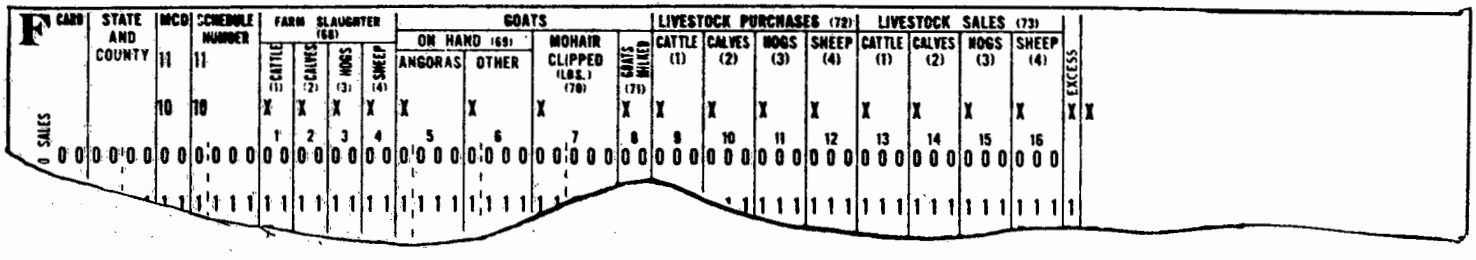
"E" Card

One "E" card was punched for every farm and ranch schedule having entries for horses, mules, cattle, dairy products, sheep, or hogs.



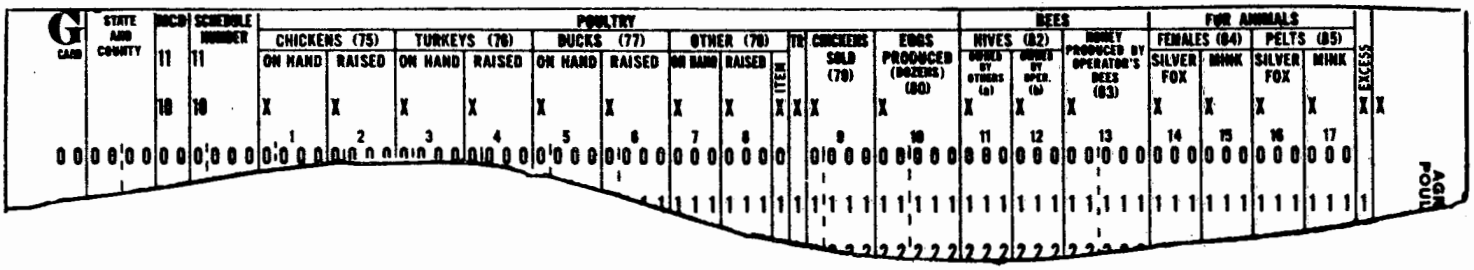
"F" Card

One "F" card was punched for every farm and ranch schedule reporting specified animals butchered, goats, or specified livestock purchased or sold.



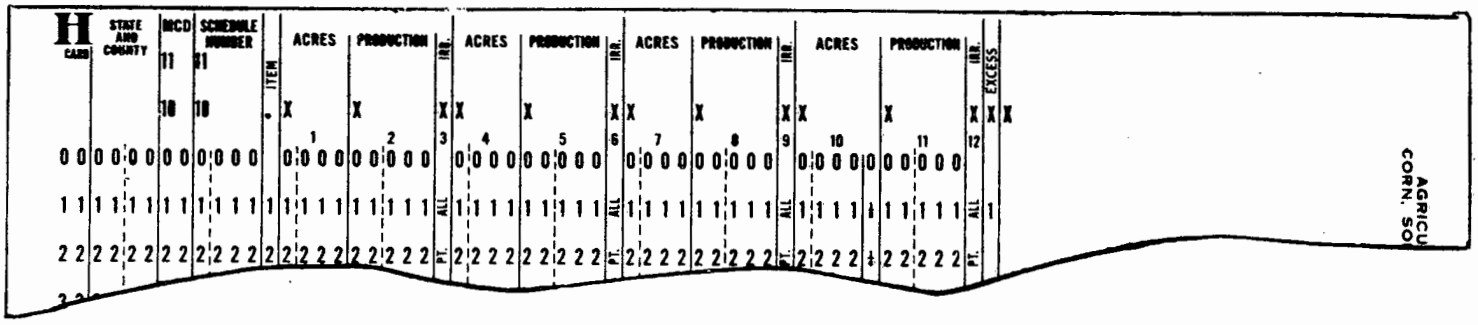
"G" Card

One "G" card was required for every farm and ranch schedule having entries for poultry, for bees or honey, or for fur animals. If two or more kinds of "Other poultry" were reported additional cards were required. The kind of "Other poultry" reported was indicated by an item punch in column 43. If additional cards were required because of more than one kind of "Other poultry" reported, these additional cards were punched "1" in column 44 to indicate that they were trailer cards. The other cards were punched "X" in this column. All trailer cards were punched "X" in all numbered fields except 7 and 8.



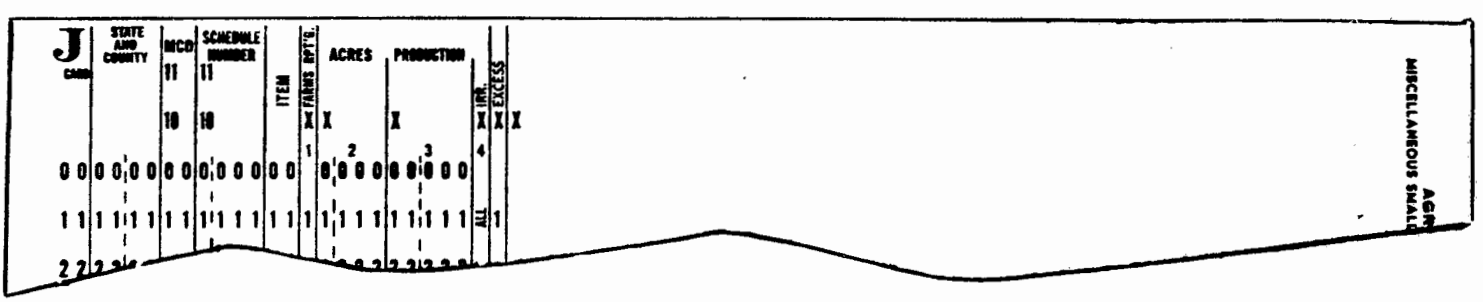
"H" Card

"H" cards were required for reports of corn, sorghums, oats, or wheat, a separate card being required for each crop. The item punch, column 13, identified the particular crop being punched. This card provided for the punching of fractions (eighths) of acres in field 10 in order to take care of reports of fractions of acres of sweet sorghums for sirup.



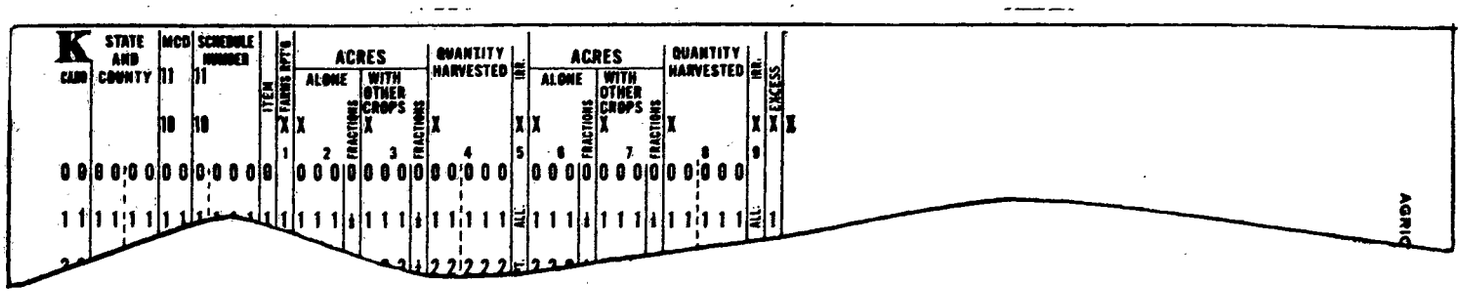
"J" Card

"J" cards were required for reports of small grains (other than oats or wheat), hay, and clover and grass seed. A separate card was required for each kind of small grain, each kind of hay, and each kind of clover or grass seed, each crop being identified by an item punch. In order to ascertain the number of farms reporting any of the small grains other than oats and wheat a digit "1" was punched in field 1 for the first small grain reported and an "X" was punched in this field for each succeeding small grain reported on that schedule. Similarly, a "1" was punched for the first hay crop reported and for the first clover or grass seed reported.



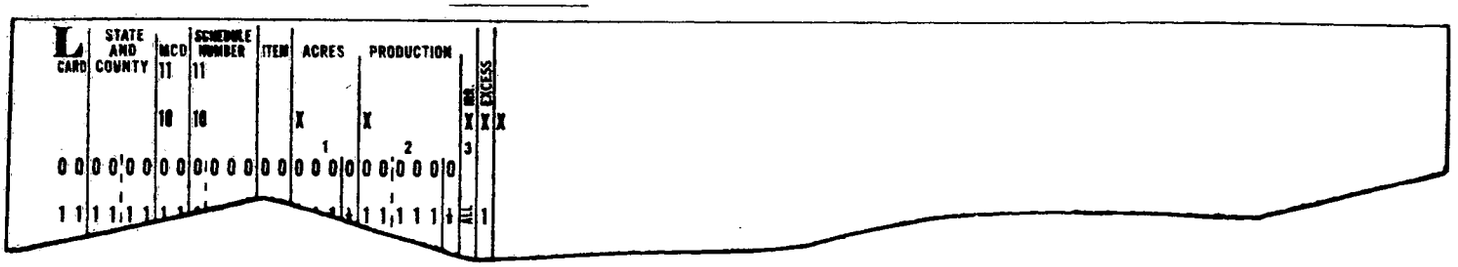
"K" Card

"K" cards were required for reports of annual legumes. Each kind required a separate card and was identified by an item punch. This card provided for the punching of fractions (eighths) of acres. In order to ascertain the number of farms reporting any annual legumes, a "1" was punched in field 1 for the first annual legume reported and an "X" was punched in this field for each additional annual legume reported on that schedule.



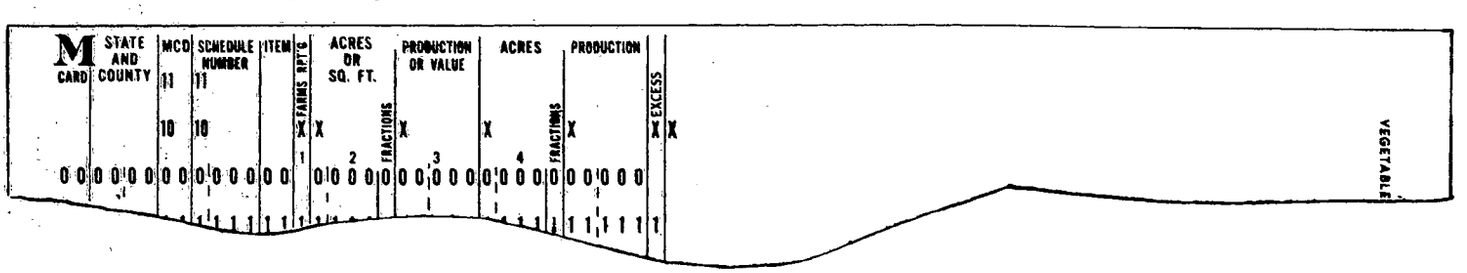
"L" Card

"L" cards were required for reports of miscellaneous field crops. Each crop required a separate card and was identified by an item punch. This card provided for the punching of fractions (eighths) of acres and fractions of units of production. The fractions for production were provided in order to handle reports of fractions of bales of cotton.



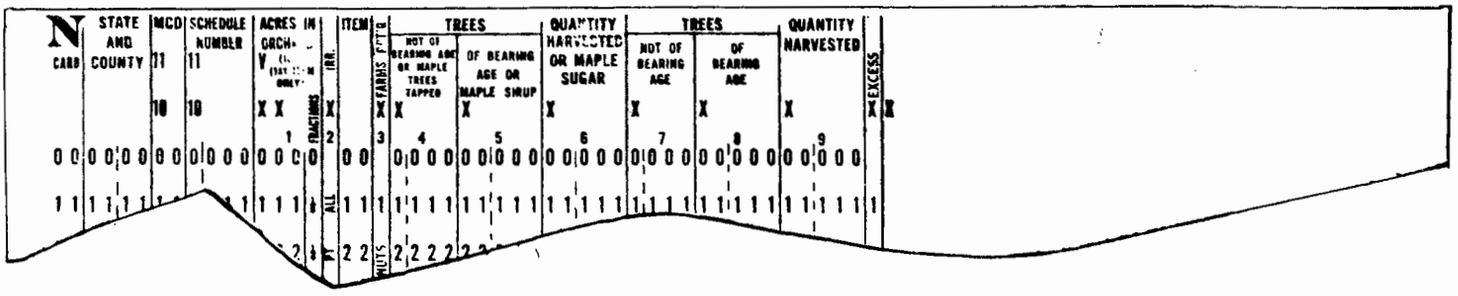
"M" Card

"M" cards were required for reports for vegetables grown for home use, vegetables harvested for sale, horticultural specialties, and small fruits. Each vegetable, horticultural specialty, and small fruit required a separate card and was identified by an item punch. In order to ascertain the number of farms reporting any vegetable harvested for sale, a "1" was punched in field 1 for the first reported item in this block and an "X" was punched in this field for each additional report for that schedule. Similarly, a "1" was punched for the first horticultural specialty reported and for the first small fruit reported. This card provided for the punching of fractions of acres.



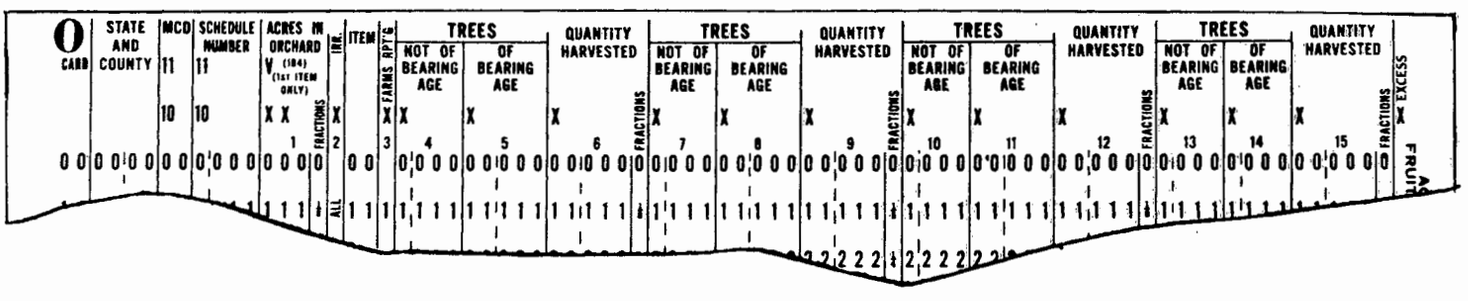
"N" Card

"N" cards were required for reports of fruits and nuts in Regions 1, 2, 3, 5, 6, and 8 and of maple products in Region 1. A separate card was required for each fruit or nut, an item punch being used to identify each kind. The acreage in orchards was punched on only the first "N" card for each schedule. This card provided for the punching of fractions of acres in orchards. If fruits or nuts were reported with no acreage, as was sometimes the case where there were only a few scattered trees, a "V" had been edited in and "VX" was punched in field 1. All except the first card for each schedule was punched "X" in this field. Thus, to ascertain the number of farms reporting any tree fruits, nuts, or grapes, it was necessary only to count the "N" cards with acreage or "XV" punched in field 1. In order to ascertain the number of farms reporting any orchard fruits, a "1" was punched in field 3 for the first orchard fruit reported and an "X" was punched for each additional orchard fruit reported for that schedule. Similarly, a "1" was punched for the first nut crop reported and for the first citrus fruit reported.



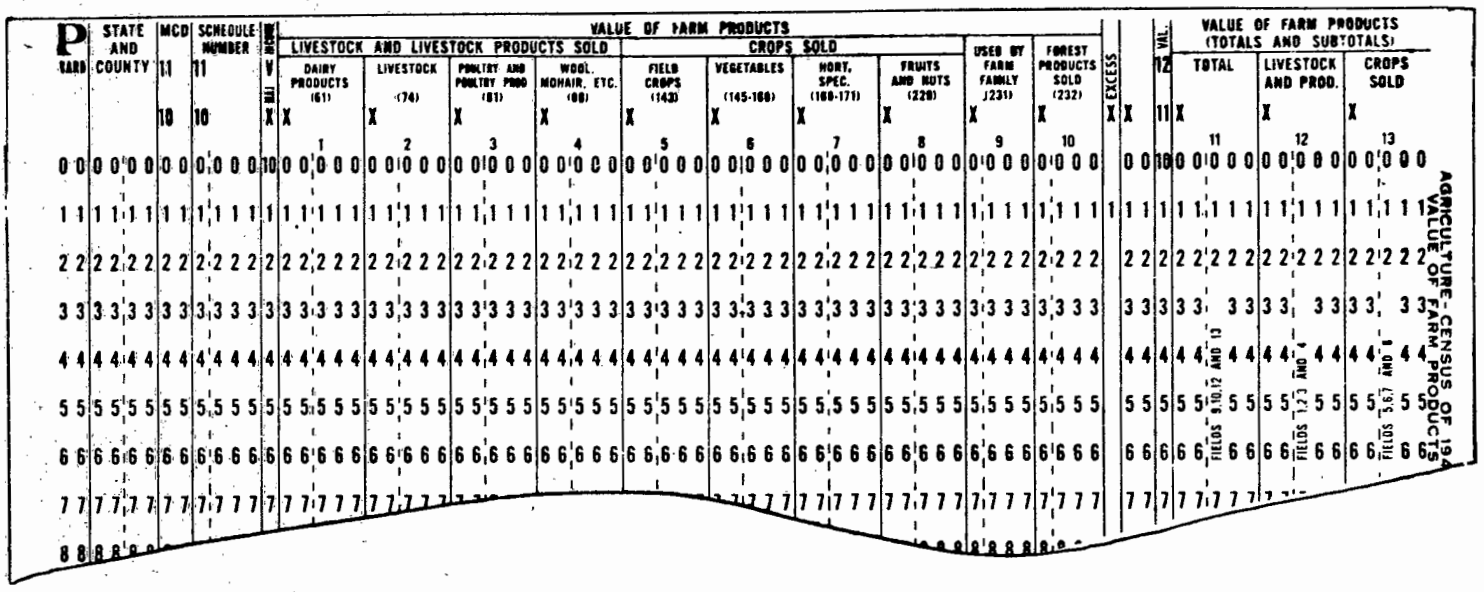
"O" Card

"O" cards were required for reports of fruits and nuts in Regions 4, 7, and 9. A separate card was required for each fruit or nut, an item punch being used to identify each kind. The acreage in orchards was punched on only the first "O" card for each schedule. This card provided for the punching of fractions (eighths) of acres in orchards and fractions for quantity harvested in order to handle reports of fractions of tons of fruits and nuts harvested. If fruits or nuts were reported with no acreage, as was sometimes the case where there were only a few scattered trees, a "V" had been edited in and "VX" was punched in field 1. All except the first card for each schedule was punched "X" in this field. Thus, to ascertain the number of farms reporting any tree fruits, nuts, or grapes it was necessary only to count the "O" cards with acreage or "VX" punched in field 1. In order to ascertain the number of farms reporting any orchard fruits, a "1" was punched in field 3 for the first orchard fruit reported and an "X" was punched for each additional orchard fruit reported for that schedule. Similarly, a "1" was punched for the first nut crop reported and for the first citrus fruit reported.



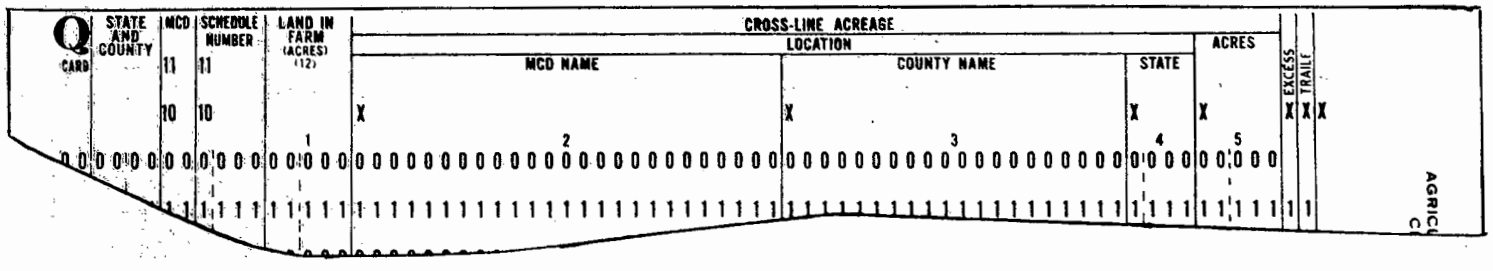
"P" Card

One "P" card was required for every farm and ranch schedule. The major-source code and fields 1 to 10, inclusive, were punched from the schedule. The major source was coded on the schedule by encircling the largest of the value-of-products entries or by entering a "V," if "O" values only were indicated, or an "X" if the reports for value of products were not usable. Fields 11, 12, and 13 were secured mechanically by cross footing the other items by means of the multiplying punch. The value code, column 65, was gang punched after sorting the cards on field 11 to array them by total value of products. Card columns 1 and 2, instead of being used for indicating the card, were used for a two-digit value-of-products code, and were gang punched at the same time as the single column value-of-products code.



"Q" Card

"Q" cards were required for every farm and ranch schedule reporting any acreage in the farm as located in minor civil divisions other than where the farm was enumerated. If there were reports of cross-line acreage in two or more minor civil divisions a separate "Q" card was punched for each. Alphabetical punching was used for the M.C.D., county, and State in which the cross-line acreage was located. Otherwise it would have been necessary to search out the numerical codes for each M.C.D., county, and State in order to enter them on the schedules. The first card punched for each schedule was punched "X" in column 73. Each additional, or trailer, card was punched "1" in this column. The total land in the farm, field 1, was carried on all the cards for a schedule. The trailer and special control punches were used to prevent duplications of this acreage in the tabulations. These special punches, when required, were entered in columns 75, 76, and 77 at the time of the critical examination of the "Q" card tabulations by place of enumeration, Result Slip 58. These additional controls were required to prevent duplication of the total land in farms when the cards were tabulated by location of the cross-line acreage, Result Slip 59.





ELECTRIC CARD PUNCH MACHINE

Punching.—Punching involved the transfer of the numerical data from the schedules to the cards. This was accomplished by making perforations in the cards by the use of electrically driven punch machines (see illustration).

The State, county, and minor civil division (townships, precincts, etc.) names, together with their numerical codes, appeared on pink separation sheets placed in the folios in front of the schedules for each minor civil division. These geographic codes were punched from this sheet onto the first card punched for an M.C.D. (see the illustrative example). By means of a duplicating device on the punch machines, it was possible to duplicate, from this first card for each minor civil division, the identity of the card and the indication of the geographic area onto the other cards.

One digit in each column of every field was required to be punched except when the inquiry on the schedule corresponding thereto was blank. If the number of digits in the amount to be punched was less than the number of digits across the field, the difference was punched in ciphers at the left of the amount. For example, if the field had 4 columns and the number to be punched was 12, it was punched "0012." If, for any card field, there was no entry on the schedule the "X," appearing at the left of the field and just above the row of "0's," was punched. When the "X" was punched the machine, with the aid of space bars, carried the card over to the next field, thus saving the punching of a row of ciphers across the field. The accompanying illustrations of the punching of the "A" and "L" cards will indicate how the numerical information is carried on the punch card.

When the entries for an item on the schedule exceeded the capacity of the corresponding card field, two cards were required, a principal, or master, and an excess card. These were of distinctive color, pink for the principal or master card and green for the excess card to distinguish them from the general run of cards, which were manila. The master card was punched in the same manner as the general run of cards except that for any item in excess of the capacity of the card field, the excess digits to the left of the number were omitted. Thus, if the field of the card had 4 columns, as field 4 of the "A" card, and the entry for the item consisted of 5 digits as would be the case where the acreage in an individual farm was 15,364, then 5,364 would be punched on the master or pink card and 0001 would be punched on the excess or green card. All identification punches, also any codes that might be required for sorting or control, were also punched on the excess card. Fields not in excess were punched "X." An "X" punch in the excess column of the excess card was used as a control in the tabulations for tabulating the excess amounts. Thus with this control the 0001 on the excess card was tabulated as 10,000 acres, not one acre.

To prevent farms for which excess cards were required from being included twice in any count of farms, such counts were obtained by adding the "1" punched in the excess column. Thus excess cards, being punched "X" in this column, were excluded from the counts.

Gang punching size and value-of-products codes.—The size-of-farm code on card "A" and the value-of-products code on card "P" were gang punched after arraying the cards by size of farm and by total value of farm products, respectively. This made it unnecessary to enter these codes on the schedule. This procedure also eliminated errors resulting from hand coding.

In arraying the cards preparatory to gang punching, control or pattern cards punched with the lower limits of each frequency group and with the code designation of the group, were placed in front of the cards prior to sorting. Upon the completion of the sorting these cards were in front of the cards for each respective group and were used as control cards for punching the required codes.

Reproduction punching.—On the right end of the B,C, and D cards are a number of fields not punched directly from the schedule, but reproduced from card "A" (see illustration of the reproduction punching). This reproduction was not made until after the critical examination of the "A" card result slips. This meant that further changes in these items were unnecessary.

P card extensions.—A total of the 10 items comprising the value of farm products was required for each schedule in order that farms might be classified on the basis of the value of products sold, traded, or used by the farm households. Rather than make a hand addition of these items for each schedule it was decided to obtain this total mechanically from the punch card. This permitted the placing on the schedules of each of the value-of-products inquiries near those items to which they referred. Thus more complete and more accurate reports were probably secured than if the value-of-products inquiries had been grouped for convenience in adding.

After the replies to each of the 10 inquiries comprising the value of products were punched, the cards were cross-footed mechanically, by means of the multiplying punch, to obtain the total value of products. This was accomplished in 3 steps. In the first, a subtotal of the 4 livestock and livestock-product items was secured and entered in field 12 of the card. In the second, a subtotal for the farm-crop items was secured and entered in field 13. In the third step, these 2 subtotals and the value of products used by the farm family and the value of forest products sold were cross-footed and the total entered in field 11. In the cross-footing operations zero totals were punched "00000," not "X."

GEOGRAPHIC CODES PUNCHED FROM M. C. D. SEPARATION SHEET
(SEPARATION SHEETS ARE COLORED—PINK)

Form 16—7
DIVISION OF AGRICULTURE

SEPARATION SHEET

State ALABAMA

County 6459 Shelby
(Code number and name)

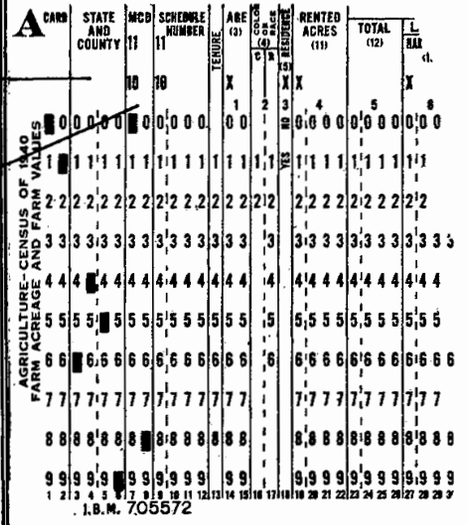
S. D. _____ E. D. 59-10 to 59-14

Township or other division of county Pennville

Civil division code 08

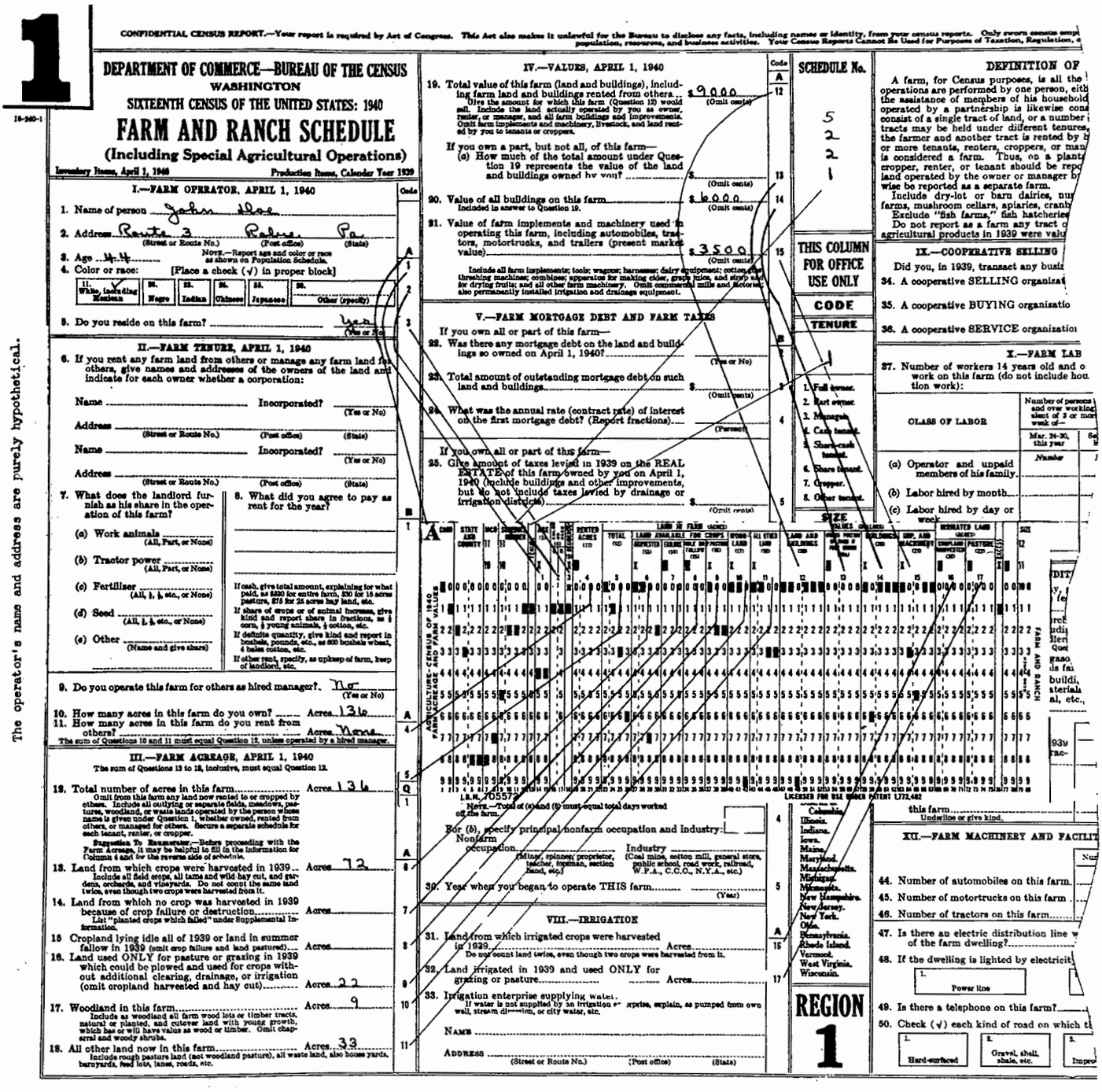
Number of schedules in this civil division 345

Numbered from 482 to 826



Operator MUST Verify Number of Schedules and Each Schedule Number in This Civil Division

PUNCHING THE A CARD



1

CONFIDENTIAL CENSUS REPORT.—Your report is required by Act of Congress. This Act also makes it unlawful for the Bureau to disclose any facts, including names or identity, from your census reports. Only sworn census employees consist of a single tract of land, or a number of tracts may be held under different tenures, the farmer and another tract is rented by b or more tenants, renters, croppers, or man is considered a farm. Thus, on a plant cropper, renter, or tenant should be repo land operated by the owner or manager b wise be reported as a separate farm.

Include dry-lot or barn dairies, nur farms, mushroom cellars, apiaries, cranb

Exclude "fish farms," fish hatcheries

Do not report as a farm any tract o agricultural products in 1939 were valu

16-240-1

DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS
WASHINGTON
SIXTEENTH CENSUS OF THE UNITED STATES: 1940

FARM AND RANCH SCHEDULE

(Including Special Agricultural Operations)

Inventory Items, April 1, 1940 — Production Items, Calendar Year 1939

SCHEDULE No. 5 2 2 1

THIS COLUMN FOR OFFICE USE ONLY

CODE

TENURE

SIZE

REGION 1

I.—FARM OPERATOR, APRIL 1, 1940

1. Name of person John Doe
2. Address Route 3 Radnor Pa
(Street or Route No.) (Post office) (State)
3. Age 44 Note.—Report age and color or race as shown on Population Schedule.
4. Color or race: [Place a check (√) in proper block]

11. White, including Mexican	20. Negro	23. Indian	24. Chinese	25. Japanese	26. Other (specify)
√					

5. Do you reside on this farm? Yes (Yes or No)

II.—FARM TENURE, APRIL 1, 1940

6. If you rent any farm land from others or manage any farm land for others, give names and addresses of the owners of the land and indicate for each owner whether a corporation:

Name ..... Incorporated? ..... (Yes or No)
Address ..... (Street or Route No.) (Post office) (State)
Name ..... Incorporated? ..... (Yes or No)
Address ..... (Street or Route No.) (Post office) (State)

7. What does the landlord furnish as his share in the operation of this farm?
(a) Work animals ..... (All, Part, or None)
(b) Tractor power ..... (All, Part, or None)
(c) Fertiliser ..... (All, ½, ¼, etc., or None)
(d) Seed ..... (All, ½, ¼, etc., or None)
(e) Other ..... (Name and give share)

8. What did you agree to pay as rent for the year?

If cash, give total amount, explaining for what paid, as $320 for entire farm, $30 for 18 acres pasture, $75 for 25 acres hay land, etc.
If share of crops or of animal increase, give kind and report share in fractions, as ½ corn, ¼ young animals, ¼ cotton, etc.
If definite quantity, give kind and report in bushels, pounds, etc., as 600 bushels wheat, 4 bales cotton, etc.
If other rent, specify, as upkeep of farm, keep of landlord, etc.

9. Do you operate this farm for others as hired manager? No (Yes or No)
10. How many acres in this farm do you own? ..... Acres 136
11. How many acres in this farm do you rent from others? ..... Acres None
The sum of Questions 10 and 11 must equal Question 12, unless operated by a hired manager.

III.—FARM ACREAGE, APRIL 1, 1940

The sum of Questions 13 to 18, inclusive, must equal Question 12.

12. Total number of acres in this farm ..... Acres 136
Omit from this farm any land now rented to or cropped by others. Include all outlying or separate fields, meadows, pastures, woodland, or waste lands operated by the person whose name is given under Question 1, whether owned, rented from others, or managed for others. Secure a separate schedule for each tenant, renter, or cropper.
Suggestion To Enumerator.—Before proceeding with the Farm Acreage, it may be helpful to fill in the information for Columns 4 and 5 on the reverse side of schedule.
13. Land from which crops were harvested in 1939 ..... Acres 72
Include all field crops, all tame and wild hay cut, and gardens, orchards, and vineyards. Do not count the same land twice, even though two crops were harvested from it.
14. Land from which no crop was harvested in 1939 because of crop failure or destruction ..... Acres
List "planted crops which failed" under Supplemental Information.
15. Cropland lying idle all of 1939 or land in summer fallow in 1939 (omit crop failure and land pastured) ..... Acres
16. Land used ONLY for pasture or grazing in 1939 which could be plowed and used for crops without additional clearing, drainage, or irrigation (omit cropland harvested and hay cut) ..... Acres 22
17. Woodland in this farm ..... Acres 9
Include as woodland all farm wood lots or timber tracts, natural or planted, and cutover land with young growth, which has or will have value as wood or timber. Omit chaparral and woody shrubs.
18. All other land now in this farm ..... Acres 33
Include rough pasture land (not woodland pasture), all waste land, also house yards, barnyards, feed lots, lanes, roads, etc.

IV.—VALUES, APRIL 1, 1940

19. Total value of this farm (land and buildings), including farm land and buildings rented from others ... $ 9000 (Omit cents)
Give the amount for which this farm (Question 12) would sell. Include the land actually operated by you as owner, renter, or manager, and all farm buildings and improvements. Omit farm implements and machinery, livestock, and land rented by you to tenants or croppers.
If you own a part, but not all, of this farm—
(a) How much of the total amount under Question 19 represents the value of the land and buildings owned by you? ..... $ (Omit cents)
20. Value of all buildings on this farm ..... $ 6000 (Omit cents)
Included in answer to Question 19.
21. Value of farm implements and machinery used in operating this farm, including automobiles, tractors, motortrucks, and trailers (present market value) ..... $ 3500 (Omit cents)
Include all farm implements; tools; wagons; harnesses; dairy equipment; cotton gins; threshing machines; combines; apparatus for making cider, grape juice, and syrup and for drying fruits; and all other farm machinery. Omit commercial mills and factories; also permanently installed irrigation and drainage equipment.

V.—FARM MORTGAGE DEBT AND FARM TAXES

If you own all or part of this farm—
22. Was there any mortgage debt on the land and buildings so owned on April 1, 1940? ..... (Yes or No)
23. Total amount of outstanding mortgage debt on such land and buildings ..... $ (Omit cents)
24. What was the annual rate (contract rate) of interest on the first mortgage debt? (Report fractions) ..... (Percent)
If you own all or part of this farm—
25. Give amount of taxes levied in 1939 on the REAL ESTATE of this farm owned by you on April 1, 1940 (include buildings and other improvements, but do not include taxes levied by drainage or irrigation districts) ..... $ (Omit cents)

VI.—LABOR, 1939

30. Year when you began to operate THIS farm ..... (Year)

VIII.—IRRIGATION

31. Land from which irrigated crops were harvested in 1939 ..... Acres
Do not count land twice, even though two crops were harvested from it.
32. Land irrigated in 1939 and used ONLY for grazing or pasture ..... Acres
33. Irrigation enterprise supplying water.
If water is not supplied by an irrigation enterprise, explain, as pumped from own well, stream diversion, or city water, etc.
NAME .....
ADDRESS ..... (Street or Route No.) (Post office) (State)

IX.—COOPERATIVE SELLING

Did you, in 1939, transact any busi
34. A cooperative SELLING organizat
35. A cooperative BUYING organizatio
36. A cooperative SERVICE organizatio

X.—FARM LAB

37. Number of workers 14 years old and o work on this farm (do not include hou tion work):

CLASS OF LABOR	Number of persons and over working ident of 3 or mor week of— Mar. 24-30, this year	Se
	Number	
(a) Operator and unpaid members of his family		
(b) Labor hired by month		
(c) Labor hired by day or week		

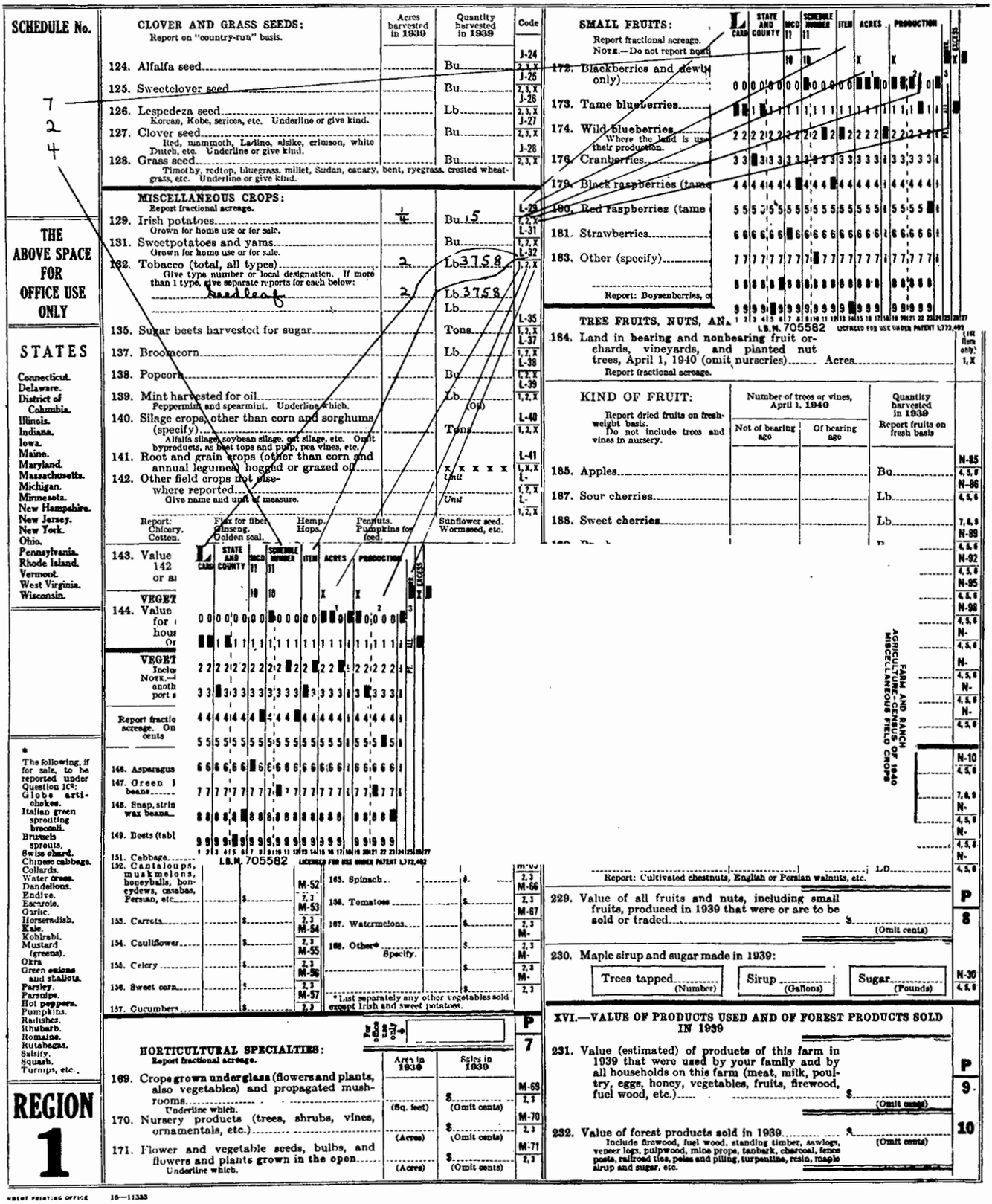
XII.—FARM MACHINERY AND FACILIT

44. Number of automobiles on this farm
45. Number of motortrucks on this farm
46. Number of tractors on this farm
47. Is there an electric distribution line w of the farm dwelling?
48. If the dwelling is lighted by electricit
1. Power line
49. Is there a telephone on this farm?
50. Check (√) each kind of road on which t
1. Hard-surfaced
2. Gravel, shell, shale, etc.
3. Impro

The operator's name and address are purely hypothetical.

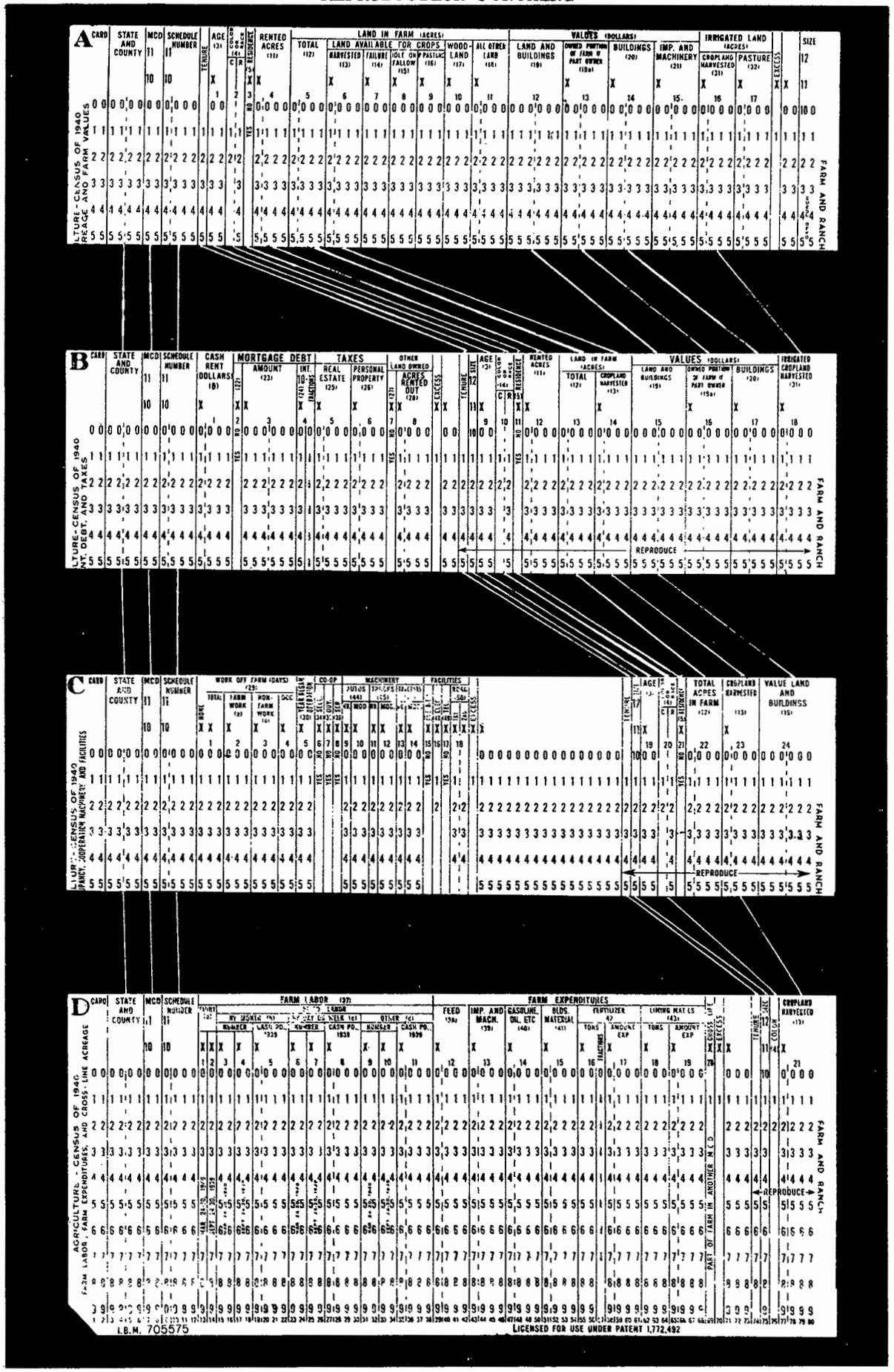
PUNCHING THE L CARD

GENERAL AREA. WHERE FRACTIONAL ACREAGE OR PRODUCTION IS REQUIRED, REPORT AS: 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/8, ETC.



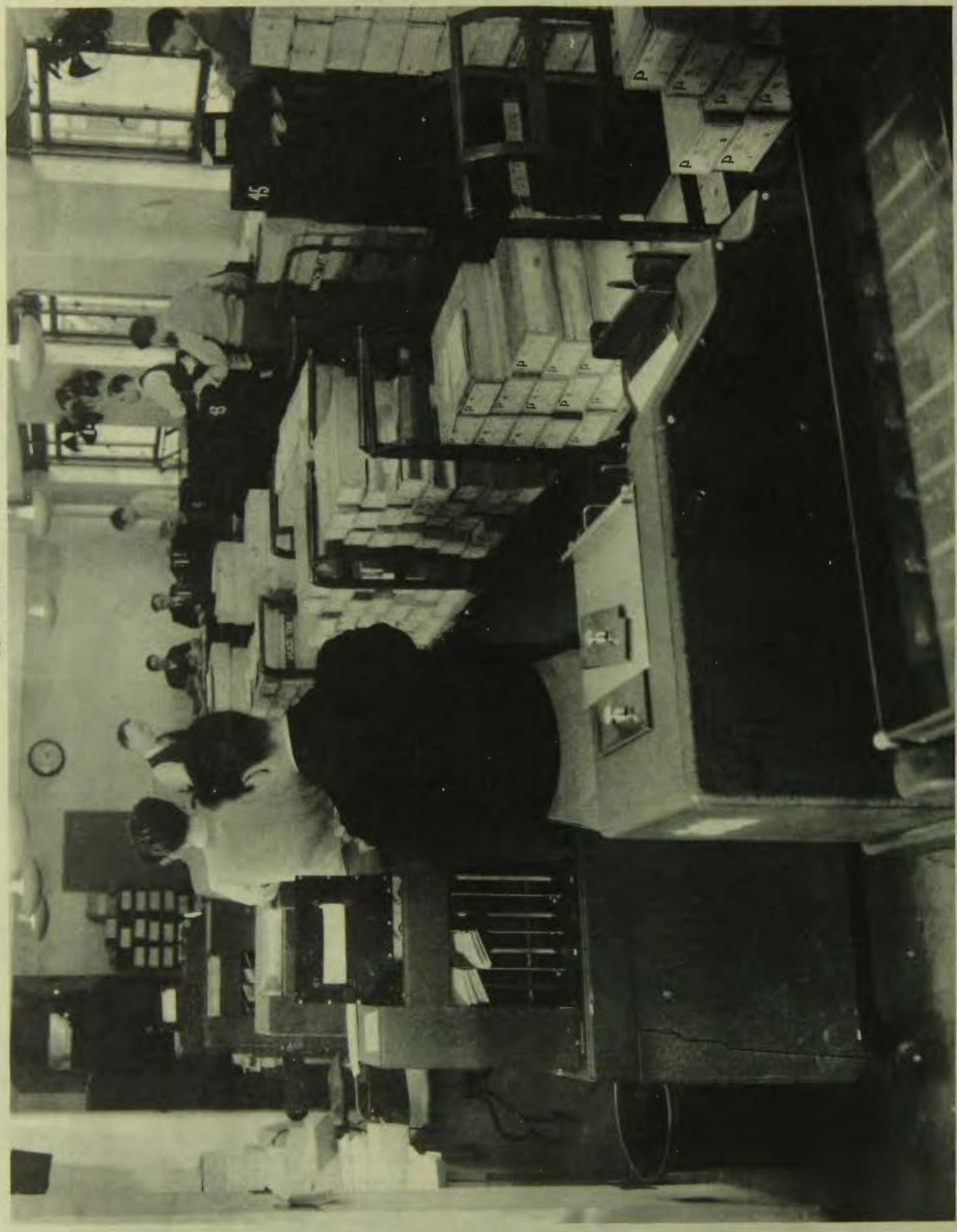
GOVERNMENT PRINTING OFFICE 16—11333

REPRODUCTION PUNCHING



I.B.M. 705575

LICENSED FOR USE UNDER PATENT 1,772,492



COLLATOR

SELECTION AND ANALYSIS OF UNUSUAL REPORTS

Selection of unusual reports.—Following the punching and verification of the cards, those representing unusual reports were selected mechanically for careful analysis prior to tabulation. This examination supplemented the editing, aided the critical examination of the tabulations by making it unnecessary to make a hand search for the unusual reports, and insured greater accuracy in the final results.

The need for selection and examination of unusual reports prior to tabulation had long been recognized. In the editing it was necessary to examine every report for possible errors and it was difficult to make any distinction for the unusual reports. Yet, for most items, a relatively small percent of the reports make up a very large percent of the totals or for a specific item. For example, 34.3 percent of all the land in farms was reported by only 1.6 percent of the farms. Also 31.1 percent of the total expenditures for hired labor on farms was reported by 0.96 percent of all farms, or 2.4 percent of the farms reporting such expenditure. Numerous other similar examples could be cited. Errors, or omissions, in the reports for such farms would seriously affect the totals. Therefore, it was desirable to give special attention to all such unusual reports. The difficulty was to select such reports for special consideration.

Prior to the 1940 Census, special attention was given to such reports in connection with the critical analysis of the tabulations. But these had to be found by hand search after examination of the totals and derived figures indicated that investigation was necessary. Obviously many unusual reports were overlooked and the hand search was a slow and costly operation. A step forward was made in the 1935 Census when, for some items, special counts were secured for reports in excess of a predetermined amount. Thus the tabulations indicated the presence of such reports but it was still necessary to find the cards by hand search.

Following the 1935 Census, consideration was given to the possibility of mechanical selection of unusual reports. No machine available was satisfactory for this purpose. Sorters could be used for selection of cards with reports in excess of a predetermined amount but this could be done only by sorting on one column at a time or, with multiple-column selection, a single field. Since no satisfactory machine was available for the mechanical analysis of punch cards, a machine was developed by the Census for rapid visual analysis of cards and one trial machine was built. This trial machine proved the idea feasible, but the available facilities of the Bureau would not permit the construction of the necessary machines in time for use at the 1940 Census. In the meantime a commercial machine had been developed which had possibilities, although designed and manufactured for another purpose. This machine, the collator, had been developed to merge two groups of cards arranged in sequence, and to pull or segregate designated cards, and the like. To accomplish this it compared numbers, distinguishing whether one was greater, smaller, or equal to the other. By application of this ability of the collator to compare numbers, it was possible to utilize the machine to select not only cards containing reports in excess of a predetermined amount but also those for which the ratios of 2 fields were above or below some multiple of 10. Also it was found that cards containing reports with any one of several such conditions could be selected in one operation. The possibilities of the collator for the selection of unusual reports were such that it was decided to give it a trial at the 1940 Census. The results were very gratifying.

All of the 81,426,413 cards required for the 1940 Census were run through the collator one or more times to select unusual reports. For most of the cards one run was sufficient to select the outstanding and unusual reports and inconsistencies.

The selection of these reports was made by comparing the entries for the various items with some fixed number set in the machine, with entries for other items on the same card, or with those on another card punched from the same schedule. The collator sensed whether an entry was equal to, less than, or greater than the amount with which it was being compared. Therefore any one, or any combination, of these three criteria could be used as a basis of selection. By shifting the relative positions of the two numbers in the comparing device, one number could be compared with one-tenth the other, or with 10 times the other. By further shifting, other ratios representing multiples of 10 could be obtained. By use of split wires and split circuits the number of items which could be compared in a single run of the cards could be extended to include most of the comparisons necessary to pull out practically all the outstanding and unusual reports and inconsistencies, provided the limitations of such procedure were fully understood.

Following are examples of some of the types of comparisons which were used:

Amounts in excess of the capacity of the card field.
An "X" incorrectly punched in the excess column.
Amounts in excess of a predetermined figure.
Presence or absence of reports for specified items.
Inconsistent reports, such as acres harvested with no quantity harvested, and vice versa.
One field greater or less than another field, or a predetermined number.
One field greater or less than 10^n times another field. For example, 10^n may represent 10, 100, 1,000, etc., or .1, .01, .001, etc.
One field greater or less than another, or greater or less than 10^n times another field, provided it exceeded a predetermined amount.

Within certain limitations, several of the above types of selections and several selections of a type could be made in one run of the cards.

The specifications for the selection of the cards made no distinction for reports for different geographic areas. Advantages of specifications for particular areas were recognized but for administrative reasons the specifications were not varied. The specifications were largely a matter of trial and error. The collator was being used for an entirely different purpose from that for which it was designed, therefore its possibilities and limitations were not known. Also there was no definite information available upon which to base the limits used in the specifications. It was necessary that the number of cards selected be kept to a minimum and yet include all reports which, if in error, would have any significant effect on the totals. For most counties the number of cards pulled did not exceed 1 or 2 percent. If it was found that too many cards were being pulled, the specifications were revised accordingly.

Analysis of unusual reports.—Following the collation the selected cards were machine listed. These listed items were examined carefully for possible error. Unless the other items on the card offered sufficient explanation, the schedule itself was examined for further evidence to substantiate the report or for indication of possible error in the report. If changes were necessary, new cards were punched to replace those in error. If no change was necessary, an explanation, including any substantiating evidence, was entered on the listing sheet. Thus, when the cards were tabulated, if the totals or derived figures were questioned in the critical examination, the listing sheet usually provided an adequate explanation and no further investigation was necessary. By examining at one time listings for two or more cards it was possible, through the relationship of the items included on the different cards, to pick up errors which otherwise would have been overlooked. For example, in the analysis of the "P" card (value of products) listing sheet, the listing sheets for the cards carrying livestock and crop items were also examined. Thus, if outstanding reports for livestock and crop items were listed then the "P" card listing sheet was examined for reports for sales of these items, and vice versa.

The accompanying example of a listing sheet and specifications for the selection of the listed cards are for card "L." The changes which were found necessary in these cards are indicated. The listing sheet also carries explanations of the reported items.

Department of Commerce
Bureau of the Census
Agriculture: 1940

AGRICULTURE CENSUS - 1940

729L

CARD L - LISTING (COLLATOR)

SELECTED CARDS FOR CRITICAL EXAMINATION

Alabama

Crescent County*

	EXCESS	CARD	STATE AND COUNTY	MOD	SCHEDULE NO.	ITEM	ACRES	FRACTION	PRODUCTION	FRACTION	HR	CARD CODE
	26	1-2	3-6	7-8	9-12	13-14	15-17	18	19-23	24	25	80
Void entry - "Crop failure" written on schedule.		~~11~~	~~6468~~	~~05~~	~~0677~~	~~29~~	~~1~~	~~0~~	-	-		~~1~~
Punching error - extra cipher punched.		11	6468	10	1703	29	6	0	~~720~~ 72 ~~0~~	0		1
Tons entered on schedule - converted to bushels		11	6468	15	2556	29	180	0	34667 ~~1040~~ 1040 ~~0~~	0		1
Irish potatoes ←												
Misplaced entry - should be sweetpotatoes		11	6468	13	2263	~~30~~ 31	2	4	350	0		1
Cotton ←												
Low yield due to rainy weather		11	6468	05	0711	31	1	0	5	0		1
Low yield due to rainy weather		11	6468	05	0719	31	1	4	12	0		1
Production - no acreage. Acreage supplied on basis of surrounding schedules.		11	6468	06	0833	31	1 ~~-~~	-	15	0		1
Acreage - no production. Production supplied on basis of surrounding schedules.		11	6468	06	1008	31	7	0	280 ~~-~~	0		1
No change - large scale farm. Report consistent with value of sales reported.		11	6468	08	1025	31	80	0	10000	0		1
Sweetpotatoes ←												
Misplaced entry - should be sweetpotatoes		11	6468	11	1963	~~32~~ 31	6	0	400	0		1
Tobacco ←												
Sweetpotatoes hogged off		11	6468	05	0599	41		4	-	-		1
Root and grain crops hogged or grazed off. ←												
Entry for production in excess of card field		11	6402	09	1420	29	475	0	10 2420			1
Irish potatoes ←	X	11	6402	09	1420	29			(Excess card) (1)			

SPECIFICATIONS FOR SELECTION OF PUNCH CARDS
FOR CRITICAL EXAMINATION PRIOR TO TABULATION

CARD "L"

Control	Explanation
All items 41-99 and 00-28	All items reported under Q. 141 & 142
Any item (Cols. 13-14) where the number of cards for that item is approximately 10 or less.	Approximately 10 or fewer farms reporting a particular item per county.
All Items	
All green excess (X in 26) and corresponding pink master cards.	Any item in excess of the capacity of the field for that item.
Items: 29, 31, 33, and 37 (Irish potatoes, Sweetpotatoes, Sugarcane for sirup, and Broomcorn)	
X in 19, or 26	"X" in excess column No production
1-9 in 15, or 19; or 2-9 in 16, 20, or 25	Partly irrigated 20 or more acres Production 2000 or more units or none
20 - 22 greater than (16-18) x 10	Production of 10 or more with no acres, 1000 or more production units per acre.
16 - 18 greater than 20 - 23	Less than 10 units per acre
All items, except 29, 31, 33, and 37:	
X in 15, 19, or 26	"X" in excess column No acres No production

Control	Explanation
Items: 30 and 40 (Cotton and silage crops)	
X in 15, 19, or 26	"X" in excess column No acres No production
1-9 in 15, 19, 20, or 21; or 2-9 in 25	Partly irrigated 100 or more acres 100 or more production units.
22 - 24 greater than (16-18) x 10	10 or more units of production per acre
Items: 32 and 36 (Tobacco and hops)	
X in 15, 19, or 26	"X" in excess column No acres No production
1-9 in 15, or 2-9 in 16, 19, or 25	Partly irrigated 20 or more acres 20,000 or more production units.
(16-18) x 10 greater than 19 - 23 19-23 greater than (15-18) x 1000	10,000 or more units per acre. Less than 100 production units per acre.
Items: 34, 35, 38, and 39 (Sugarcane for sugar, sugarbeets, popcorn, & mint)	
X in 15, 19, or 26	"X" in excess column No acres No production
1-9 in 15, 19, or 20; or 2-9 in 25	Partly irrigated 100 or more acres or none 1000 or more production units or none.
21 - 24 greater than (16-18) x 100	100 or more units of production per acre.

* The name of the county is purely hypothetical.

MACHINE TABULATIONS

Sorting.—The punch cards were machine sorted into the groups corresponding to the classifications for which totals were desired. Sorting consisted of arranging the cards in a particular order on the basis of the perforations in one or more card columns. The sort or arrangement of the cards for each tabulation run is indicated at the top of the machine tabulation forms, or result slips. Facsimiles of these result slips are shown on following pages. For the first tabulation run of each card the classification was by minor civil divisions (townships, precincts, wards, etc.). Since the schedules were in numerical order the cards, as punched, automatically fell in the same order. As the schedules had been previously segregated according to the minor civil divisions within each county it was possible to make the tabulations by minor civil divisions without further sorting. However, the cards which had been pulled in the collation had to be replaced and a check made to see that the original arrangement of the cards had not been disturbed. Other tabulation runs for specified cards required various sorts. Examples of some of the other classifications include color and tenure of the farm operator, race of the farm operator, size of farm, and frequency classifications for such items as cows milked, chickens on hand, and number of apple-trees of bearing age.

The use of the collator to pull unusual reports represented a special type of sorting. The arrangement of the "A" and "B" cards according to the extent of irrigation, required for Result Slips 6, 11, 13, and 15, was also accomplished by means of the collator.

To a limited extent it was possible, through controls on the electric tabulator, to obtain classifications of data without arranging the cards by that classification.

Tabulating.—To secure totals for each classification into which the cards were sorted, the numerical information on the cards was added by an electric tabulator. Unit counts of the farms for which specified items were reported were secured in the same operation. By means of an automatic printing device on the electric tabulating machines the basic data and the counts of farms reporting specified items were entered on printed forms or result slips. Most of the tabulations were on a county basis, that is, the cards for each county were tabulated as a unit, each result slip carrying a separate line of totals for each group into which the cards were sorted. Totals for the county as a whole were secured by adding, on an adding machine, the printed totals for each minor civil division, each color and tenure class, each size of farm, etc. Occasionally the counter capacity of the electric tabulator was sufficient for obtaining, for a few items, both county totals and totals for each specified sort.

The electric tabulators used for the 1940 Census of Agriculture permitted a considerable degree of flexibility in the use of counter capacity and selection of items to be totaled. Controls permitted, to a limited extent, the summation of selected items for designated cards, regardless of the arrangement of the cards. Thus, totals could be restricted to cards with designated punches, or classifications could be obtained without a sort of the cards. Because of the greater number of controls with which they were equipped the electric tabulating machines used for the 1940 Census of Agriculture had considerably greater flexibility than those ordinarily used for commercial work.

Since the Farm and Ranch Schedule provided for the reporting of fractions for specified items, the punch cards for these items carried columns for fractions. Therefore, it was necessary to equip a few of the tabulating machines with counters for adding fractions. In order to permit these tabulators to be switched readily from one tabulating job to another, no special type bars were used. Only numerators of fractions appearing in the totals were printed. These were set off in a column headed "eighths."

Result slips.—Fifty-nine result slips were required for tabulating the 1940 Census information secured on the Farm and Ranch Schedule. These represent only the basic tabulations originally outlined for the 1940 Agriculture Census Reports. They do not include summary result slips or special tabulations. Facsimiles of the descriptive portions of these 59 result slips are presented on succeeding pages.

The result slip wording is descriptive of the information tabulated. The column headings to the right of the "Sort indication" describe the items for which totals were secured. The schedule inquiry number for each item is shown in parentheses. Below the descriptive information for each item is an indication of the punch card columns carrying the data to be tabulated, also any required controls. The code numbers printed by the tabulator under "Sort indication" identify each group of cards for which totals were secured. A key to these numerical codes (except for minor civil division tabulations) appears at the top of each result slip.

Any classifications which were secured by means of controls without a sort of the cards are indicated in the column headings.

To the right of the tabulated material on each result slip a number of columns were provided for entering percentages, averages, or other derived data required for the critical examination.

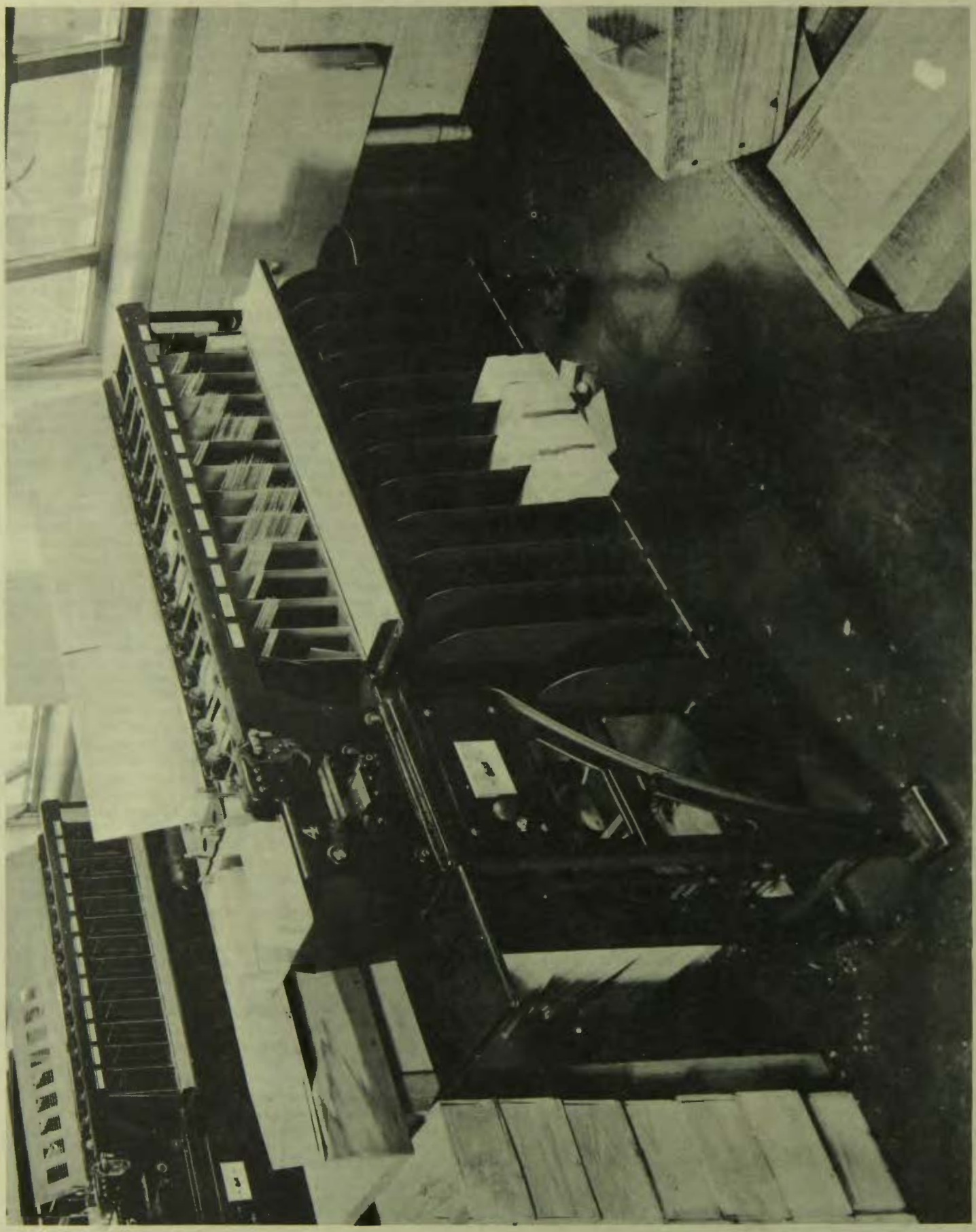
Space was provided at the bottom of the result slips for computing the value of the inventory and production items for livestock and crops. The unit prices used for these calculations were obtained cooperatively by the Agricultural Marketing Service of the United States Department of Agriculture and the Bureau of the Census.

Summary tabulations.—Summary tabulations were used to obtain State, division, and United States totals for some items classified by color and tenure of farm operators, or other basis, where such totals could not be obtained readily by addition of the county tables. For these tabulations summary cards 1 and 2 were punched from the county result slips. These summary cards were then tabulated on summary result slips. Facsimiles of these summary cards and result slips are shown on the pages following the illustrations of the other result slips.

Critical analysis of result slips.—The data tabulated on each result slip were carefully analyzed to insure accuracy and consistency in the final totals and to secure a better understanding of the content of the data. This critical analysis was under the direction of the technical staff, each subject-matter specialist being responsible for the tabulations relating to his subject. In this analysis consideration was given not only to averages, percentages, or other derived figures but also to various related totals by direct comparisons. To insure consistency, comparisons were made of the tabulated totals for related items. Comparisons were made of the tabulated totals and derived figures for contiguous areas and for different sorts or groups. Also, the tabulated totals were compared with those for previous censuses and with data from various sources. With the data for each county broken down into a number of subtotals representing similar groups of farms, or representing a significant classification, any totals affected by serious errors or unusual conditions could be readily spotted. The minor civil division tabulations, providing totals for relatively small groups of farms, afforded an excellent opportunity for careful analysis. In most rural areas each minor civil division represented the work of one enumerator. Thus, the minor civil division totals also provided an opportunity for appraising the work of individual enumerators. Classifications by size of operations, such as the acreage frequencies for the various crops, were also very helpful in the critical analysis.

When a tabulated total was inconsistent with a related total, or appeared questionable for any reason, the cards and schedules were examined for errors in punching, coding, tabulating, etc., or, if not in error, for an explanation of the figures. The necessary corrections were made on the result slips, cards, and schedules, and explanations of all unusual entries were entered on the result slips. These explanations were very helpful in obtaining a better understanding of the content of the data. Following the critical examination each result slip was reviewed by one of several experts or his assistant.

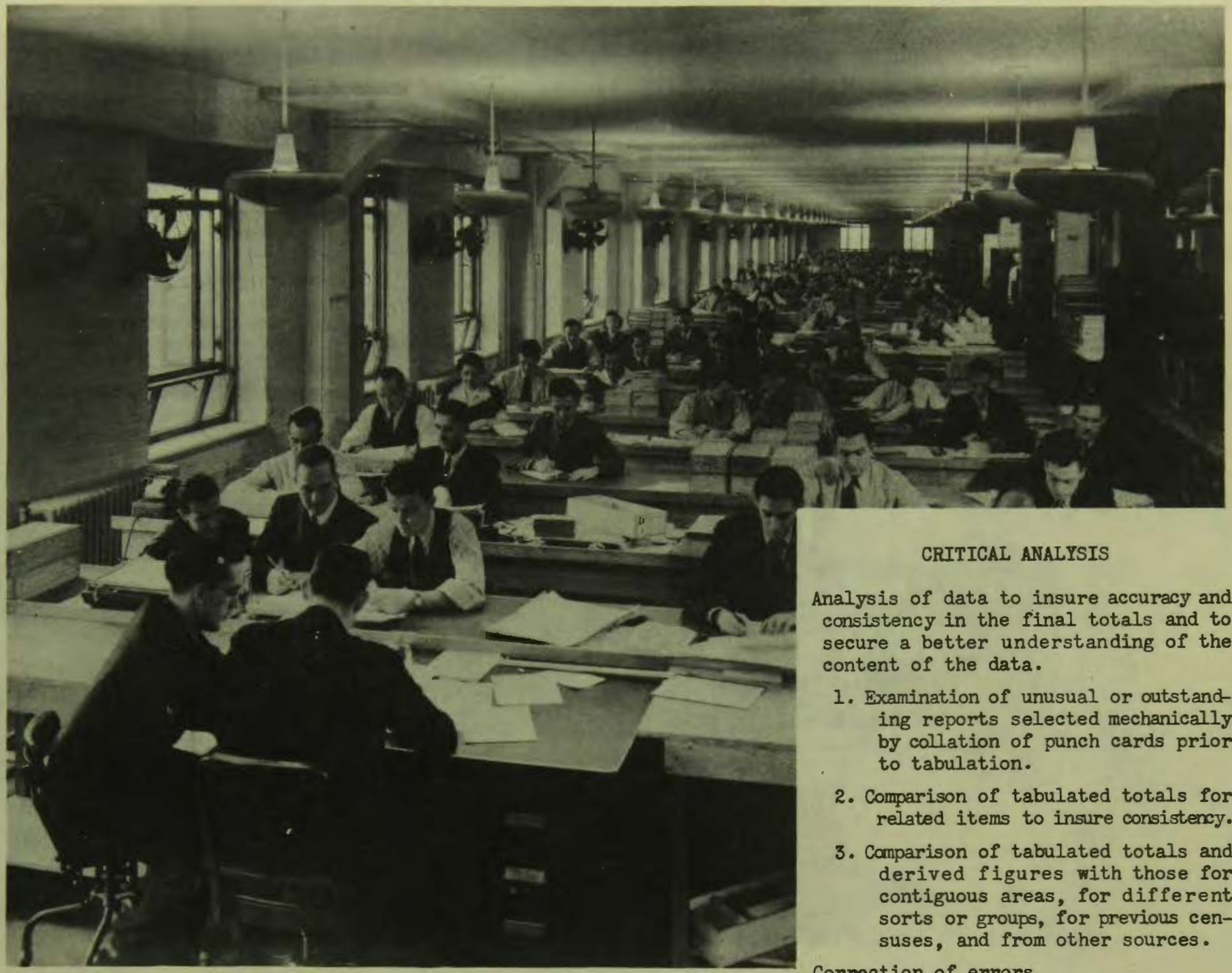
Comparative sheets, check sheets, and work sheets of various sorts were used in the critical analysis. Some of these, such as the keys to the B, C, and D card tabulations, were designed primarily for use in checking the tabulations for consistency and in making the result slip changes. Following the illustrative examples of the result slips are shown a few of the check sheets and work sheets used.



SORTER

TABULATOR





CRITICAL ANALYSIS

Analysis of data to insure accuracy and consistency in the final totals and to secure a better understanding of the content of the data.

1. Examination of unusual or outstanding reports selected mechanically by collation of punch cards prior to tabulation.
2. Comparison of tabulated totals for related items to insure consistency.
3. Comparison of tabulated totals and derived figures with those for contiguous areas, for different sorts or groups, for previous censuses, and from other sources.

Correction of errors.

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 38 STOP 1

RESULT SLIP NO. 1 -- Land Use and Farm Values, First of Two Runs by Minor Civil Divisions CARD A

STATE MISSISSIPPI
COUNTY 6567 Sunflower

SORT: MCD (COLS. 7-8)

* CLEAR COUNTERS ON MAXIMUM READING

TABULATED 1-11-41 by Huber, Ida M. #39
VERIFIED
REVISED

CHECKED J. Jay 1-15-41
ADDED Wright-Ditch-Pitman
COMPUTED J. Davis 1-15-41
VERIFIED C.J. Briggs 1-15-41

EXAMINED S. Rosenblatt 1-17-41
VERIFIED Schneck 1-21-41
RECHECKED Watson 2-19-41
CHANGED COLUMNS READDED Schneck

SORT INDICATION STATE	CO.	MCD.	FARMS *	EX-CESS	LAND IN FARMS, ACRES: TOTAL *	CROPLAND HARVESTED	CROP FAILURE	CROPLAND, IDLE OR FALLOW	PLOWABLE PASTURE	WOODLAND	ALL OTHER LAND	VALUES, DOLLARS: LAND AND BUILDINGS *	BUILDINGS *	IMPLEMENTS AND MACHINERY *	IRRIGATED LAND, ACRES: CROPLAND HARVESTED	PASTURE	LAND USED FOR CROPS	LAND AVAILABLE FOR CROPS	AVERAGE ACREAGE PER FARM	VALUE OF LAND AND BUILDINGS: AVERAGE PER FARM	AVERAGE PER ACRE	PERCENT OF FARMS VALUE REPORTED BY BUILDINGS	PERCENT OF FARM LAND AVAILABLE FOR CROPS
					(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(31)	(32)			(0.0)	($ ONLY)	($0.00)	(0.0%)	(0.0%)
3-4	5-6	7-8	76	X IN CC	23-28	27-30	31-33	34-36	37-39	40-42	43-46	47-52	53-58	63-67	68-71	72-75	4+5	4+5+6+7	3+1	10+1	10+3	11+10	18+3
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
TOTAL			10,981	7	413,740	314421	3283	6,362	116.79	51,201	26,794	26,416,970	6,031,059	2,042,562			317,704	335,745	37.7	2,406	63.85	22.8	81.1
6567	01		1412		49,880	39927	54	289	1,149	6,392	2069	3,407,095	764,739	266,748			39981	41,419	35.3	2,413	68.31	22.4	83.0
6567	02		1,536	2	61460	41,728	576	1,140	1,467	12811	3,738	3,534,239	640,302	238,674			42,304	44,911	40.0	2,301	57.50	18.1	73.1
6567	03		1,630	2	65,972	46,429	1,132	1,357	1,934	12,119	3,001	4,373,755	1,071,729	336,432			47,561	50,852	40.5	2,683	66.30	24.5	77.1
6567	04		2925		94,864	75,163	649	1,919	1,794	9,267	6,072	5,847,630	1,287,931	493,968			75812	79,525	32.4	1,999	61.64	22.0	83.8
6567	05		3478	3	141,564	111,174	872	1,657	5,335	10,612	11,914	9,254,251	2,266,358	706,740			112,046	119,038	40.7	2661	65.37	24.5	84.1

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 38 STOP 1

RESULT SLIP NO. 2 — Land Use and Farm Values, Second of Two Runs By Minor Civil Divisions CARD A

STATE MISSISSIPPI
COUNTY 6567. Sunflower

SORT: MCD (COLS. 7-8)

* CLEAR COUNTERS ON MAXIMUM READING
1/ USE ONLY 4 COUNTER POSITIONS
2/ USE ONLY 3 COUNTER POSITIONS

TABULATED 1-11-41 by Marlow, Virginia #37
VERIFIED
REVISED

CHECKED J. Jay 1-15-41
ADDED Mr. Pitman Ditch
COMPUTED J. Davis 1-15-41
VERIFIED C.J. Briggs 1-15-41

EXAMINED S. Rosenblatt 1-17-41
VERIFIED Schneck 1-21-41
RECHECKED Watson 2-18-41
CHANGED COLUMNS READDED Schneck

SORT INDICATION STATE	CO.	MCD.	FARMS *	EX-CESS	FARMS REPORTING THE SEVERAL CLASSES OF LAND ACCORDING TO USE: CROPLAND HARVESTED	CROP FAILURE	CROPLAND, IDLE OR FALLOW	PLOWABLE PASTURE	WOODLAND	ALL OTHER LAND	LAND USED FOR CROPS	LAND AVAILABLE FOR CROPS	FARMS REPORTING VALUE OF: BUILDINGS	IMPLEMENTS AND MACHINERY	FARMS REPORTING IRRIGATED LAND: ANY	CROPLAND HARVESTED	PASTURE	FARMS BY RACE OF OPERATOR: WHITE	NEGRO	INDIAN	* CHINESE	* JAPANESE	* OTHER	PERCENT OF ALL FARMS REPORTING: LAND USED FOR CROPS	VALUE OF BLDGS.	VALUE IMPLEMENTS & MACH.	ANY IRRIGATED LAND
					(13)	(14)	(15)	(16) 1/	(17) 1/	(18)			(20)	(21)		(31)	(32)	(4)	(4)	(4)	(4)	(4)	(4)	(4) 2/	(0. 0%)	(0. 0%)	(0. 0%)	(Pos 38 (STATES ONLY) (0. 0%)
3-4	5-6	7-8	76	X IN 76 CC	NO X IN 27 76	NO X IN 31 76	NO X IN 34 76	NO X IN 37 76	NO X IN 40 76	NO X IN 43 76	NO X IN 27 OR 31 76	NO X IN 27, 31, 34, OR 37 76	NO X IN 58 76	NO X IN 63 76	NO X IN 68 OR 72 76	NO X IN 68 76	NO X IN 72 76	d 1 IN 17 76	d 2 IN 17 76	d 3 IN 17 76	d 4 IN 17 76	d 5 IN 17 76	d 6 IN 17 76	d 6 IN 75 76	9 + 1	11 + 1	12 + 1	13 + 1
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
TOTAL			10,981	7	10,937	272	230	667	728	4504	10,940	10,963	10,549	5173				2385	8593						99.6	96.1	47.1	-			
6567	01		1412		1409	13	12	38	128	689	1408	1,411	1,381	440				183	1,229						99.7	97.8	31.2	-			
6567	02		1,536	2	1528	39	31	69	106	530	1528	1,535	1487	773				296	1,240						99.5	96.8	50.3	-			
6567	03		1,630	2	1,624	50	33	107	123	676	1,624	1,628	1,583	648				351	1,279						99.6	97.1	39.8	-			
6567	04		2925		2911	65	65	123	191	600	2912	2915	2807	1,222				737	2188						99.6	96.0	41.8	-			
6567	05		3478	3	3466	105	82	330	180	2009	3468	3474	3291	2090				821	2657						99.7	94.6	60.1	-			

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 36 STOP 12

STATE _____
COUNTY _____

RESULT SLIP NO. 3 -- Land Use and Farm Values, First of Two Runs by Color and Tenure of Operator — CARD A

SORT: TENURE - COLOR

CODE: TENURE (COL. 13)
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7. CROPPER
8. OTHER TENANT

CODE: COLOR (COL. 16)
1. WHITE
2. NONWHITE

* CLEAR COUNTERS ON MAXIMUM READING
1/ USE ONLY 1 COUNTER POSITION

TABULATED	CHECKED	EXAMINED
	ADDED	VERIFIED
VERIFIED	COMPUTED	RECHECKED
REVISED	VERIFIED	CHANGED COLUMNS READDED

	SORT INDICATION: STATE	CO.	CODE: T	CODE: C	FARMS *	EXCESS 1/ X IN 78 CC	LAND IN FARMS, ACRES: TOTAL * IN FARMS	CROPLAND HARVESTED	CROP * FAILURE	CROPLAND, IDLE OR FALLOW	PLOWABLE PASTURE	WOODLAND	RENTED LAND, ACRES	VALUES, DOLLARS: LAND AND * BUILDINGS	OWNED PORTION * OF FARM (PART-OWNERS)	BUILDINGS *	IMPLEMENTS AND MACHINERY	FARMS REPORTING LAND USED FOR CROPS	AVERAGE ACREAGE PER FARM	AVERAGE VALUE PER FARM: LAND AND BUILDINGS	AVERAGE VALUE PER FARM: IMPLEMENTS AND MACHINERY	AVERAGE VALUE OF LAND AND BUILDINGS PER ACRE	PERCENT OF FARM VALUE REPRESENTED BY BUILDINGS	PERCENT OF FARM LAND: USED FOR CROPS	PERCENT OF FARM LAND: AVAILABLE FOR CROPS
41																									
40							(12)	(13)	(14)	(15)	(16)	(17)	(11)	(19)	(19A)	(20)	(21)	NO X IN 27 OR 31	(0.0)	($ ONLY)	($ ONLY)	($0.00)	(0.0%)	(0.0%)	(0.0%)
39	3-4	5-6	13	16	76	CC	23-26	27-30	31-33	34-36	37-39	40-42	19-22	47-52	53-57	58-62	63-67	76	3+1	10+1	RS3 RS4 13+16	10+3	12+10	(4+5)÷3	(4+5+6+7)÷3
	1 2 3 4	5 6 7 8	9 10 11 12	13 14	15 16 17 18 19 20	21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43	1 2 3 4 5 6	7 8 9 10 11 12	13 14 15 16 17 18 19 20	21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41	42 43 44 45															
38					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
37	TOTAL																								
36	WHITE																								
35	NONWHITE																								

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 36 STOP 12

RESULT SLIP NO. 4—Land Use and Farm Values, Second of Two Runs By Color and Tenure of Operator — CARD A

STATE _____
COUNTY _____

SORT: TENURE-COLOR

CODE: TENURE (COL. 13)
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7. CROPPER
8. OTHER TENANT

CODE: COLOR (COL. 16)
1. WHITE
2. NONWHITE

* CLEAR COUNTERS ON MAXIMUM READING
1/ USE ONLY 3 COUNTER POSITIONS
2/ USE ONLY 2 COUNTER POSITIONS

TABULATED	CHECKED	EXAMINED
	ADDED	VERIFIED
VERIFIED	COMPUTED	RECHECKED
REVISED	VERIFIED	CHANGED COLUMNS READDED

	SORT INDICATION: STATE	CO.	CODE: T	CODE: C	FARMS *	EXCESS X IN 76 CC	IRRIGATED LAND: FARMS REPORTING: ANY	FARMS REPORTING: CROPLAND HARVESTED (31)	FARMS REPORTING: PASTURE * (32)	ACRES: CROPLAND * HARVESTED (31)	ACRES: PASTURE * (32)	FARMS REPORTING THE SEVERAL CLASSES OF LAND ACCORDING TO USE: CROPLAND HARVESTED (13)	CROP FAILURE (14)	CROPLAND, IDLE OR FALLOW (15)	PLOWABLE PASTURE (15)	WOODLAND (17)	ALL OTHER LAND (18)	LAND AVAILABLE FOR CROPS	FARMS REPORTING VALUE OF —: BUILDINGS (20)	FARMS REPORTING VALUE OF —: IMPLEMENTS AND MACHINERY (21)	FARM OPERATORS (EXCLUDING WHITE) BY RACE: NEGRO (4)	INDIAN (4)	CHINESE (4)	JAPANESE (4)	* OTHER (4) 3/	PERCENT OF ALL FARMS REPORTING: CROPLAND HARVESTED	VALUE OF BUILDINGS	VALUE OF IMPLEMENTS AND MACHINERY	ANY IRRIGATED LAND
41																												
40																												
39	3-4	5-6	13	16	76			NO X IN 66 OR 72		68-71	72-75																	
	1 2 3 4	5 6	7 8 9 10	11 12	13 14 15 16	17 18 19 20 21 22 23 24				25 26 27 28 29 30 31 32 33 34 35		36 37 38 39 40 41 42 43		1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	33 34 35 36	37 38 39 40	41 42 43 44	45				
38			1		2	3	4	5	6	7		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
37	TOTAL																												
36	WHITE																												
35	NONWHITE																												

BOTTOM PORTION SAME FOR RESULT SLIP NO. 3 AND RESULT SLIP NO. 4.

11	
10	FULL OWNERS (T. 1)
9	PART OWNERS (T. 2)
8	MANAGERS (T. 3)
7	ALL TENANTS (T. 4-8)
6	WHITE TENANTS (C. 1 / T. 4-8)
5	NONWHITE TENANTS (C. 2 / T. 4-8)
4	CASH TENANTS (T. 4)
3	SHARE-CASH TENANTS (T. 5)
2	SHARE TENANTS (T. 6)
1	CROPPERS (T. 7)
0	OTHER TENANTS (T. 8)

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 38 STOP 1

STATE _____

COUNTY _____

RESULT SLIP NO. 5 — Land Use and Farm Values, By Size of Farm

CARD A

SORT: SIZE (COLS. 79-80)

CODE:

11. NO ACRES	41. 80 TO 99 ACRES	81. 220 TO 259 ACRES			
12. UNDER 3 ACRES	51. 70 TO 99 ACRES	101. 260 TO 319 ACRES			
13. 3 TO 9 ACRES	61. 100 TO 139 ACRES	121. 320 TO 499 ACRES			
21. 10 TO 19 ACRES	71. 140 TO 174 ACRES	151. 500 TO 699 ACRES			
22. 20 TO 29 ACRES	72. 175 TO 179 ACRES	181. 700 TO 999 ACRES			
31. 30 TO 49 ACRES	81. 180 TO 219 ACRES	201. 1,000 TO 1,999 ACRES			
		251. 2,000 TO 9,999 ACRES			
		401. 10,000 ACRES AND OVER			

* CLEAR COUNTERS ON MAXIMUM READING.
1/ USE ONLY 1 COUNTER POSITION.
2/ USE ONLY 8 COUNTER POSITIONS.

TABULATED	CHECKED		EXAMINED
	ADDED		VERIFIED
VERIFIED	COMPUTED		RECHECKED
REVISED	VERIFIED		CHANGED COLUMNS READDED

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	SORT INDICATION: STATE	CO.	SIZE CODE	FARMS *	EXCESS	LAND IN FARMS: TOTAL ACRES IN FARMS *	FARMS REPORTING LAND USED FOR CROPS	CROPLAND HARVESTED: FARMS REPORTING	CROPLAND HARVESTED: ACRES	CROP FAILURE ACRES *	CROPLAND, IDLE OR FALLOW, ACRES	PLOWABLE PASTURE ACRES	WOODLAND ACRES	LAND AND BUILDINGS DOLLARS *	VALUES: BUILDINGS: FARMS REPORTING	VALUES: BUILDINGS: AMOUNT, DOLLARS *	VALUES: IMPLEMENTS AND MACHINERY: FARMS REPORTING	VALUES: IMPLEMENTS AND MACHINERY: AMOUNT, DOLLARS	AVERAGE ACREAGE PER FARM	AVERAGE VALUE PER FARM: LAND AND BUILDINGS	AVERAGE VALUE PER FARM: IMPLEMENTS AND MACHINERY	AVERAGE VALUE OF LAND AND BUILDINGS PER ACRE	PER CENT OF FARM VALUE REPRESENTED BY BUILDINGS	PER CENT OF ALL FARMS REPORTING LAND USED FOR CROPS	PER CENT OF ALL FARM LAND AVAILABLE FOR CROPS
41																									
40						(12)		(13)		(14)	(15)	(16)	(17)	(19)	(20)	(20)	(21)	(21)	(0.0)	($ ONLY)	($ ONLY)	($0.00)	(0.0%)	(0.0%)	(0.0%)
39	3-4	5-6	79-80	76	X IN 78 1/ CC	23-26	NO X IN 27 OR 31 76	NO X IN 27 76	27-30	31-33	34-36	37-39	40-42	47-52 2/	NO X IN 58 76	58-62	NO X IN 63 76	63-67	3 + 1	11 + 1	15 + 14	11 + 3	13 + 11	4 + 1	(5+7+8+9)÷3
38			1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
37	TOTAL																								

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 36 STOP 12

STATE _____

COUNTY _____

RESULT SLIP NO. 6 — Irrigated Farms Only, By Color and Tenure

CARD A

SORT: IRRIGATION—TENURE—COLOR

IRRIGATION:

a. CROPLAND HARVESTED WHOLLY IRRIGATED--FIELD 16 (68-71) OTHER THAN X AND IDENTICAL TO FIELD 6 (27-30).

b. CROPLAND HARVESTED PARTLY IRRIGATED--FIELD 16 (68-71) OTHER THAN X BUT LESS THAN FIELD 6 (27-30).

c. IRRIGATED PASTURE WITH CROPLAND HARVESTED NOT IRRIGATED -- X IN 68; NO X IN COLS. 72 AND 27.

d. IRRIGATED PASTURE WITH NO CROPLAND HARVESTED-- NO X IN 72 AND X IN 27.

TENURE: (COL. 13)

CODE:

1. FULL OWNER 5. SHARE-CASH TENANT
2. PART OWNER 6. SHARE TENANT
3. MANAGER 7. CROPPER
4. CASH TENANT 8. OTHER TENANT

COLOR: (COL. 18)

CODE:

1. WHITE 2. NONWHITE

TABULATIONS ARE TO BE MADE ONLY FOR 20 IRRIGATED STATES.
TABULATE ONLY CARDS WITH NO X IN 68 OR 72

* CLEAR COUNTERS ON MAXIMUM READING

TABULATED	CHECKED		EXAMINED
	ADDED		VERIFIED
VERIFIED	COMPUTED		RECHECKED
REVISED	VERIFIED		CHANGED COLUMNS READDED

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	SORT INDICATION: STATE	CO.	IRR. CLH	IRR. PAST	IRR. T	IRR. C	CODE	FARMS *	EXCESS	IRRIGATED CROPLAND HARVESTED, ACRES	IRRIGATED PASTURE: FARMS REPORTING	IRRIGATED PASTURE: ACRES *	LAND IN FARMS: TOTAL ACRES IN FARMS *	LAND IN FARMS: CROPLAND HARVESTED, ACRES	CROP FAILURE: FARMS REPORTING	CROP FAILURE: ACRES *	CROPLAND, IDLE OR FALLOW, ACRES *	PLOWABLE PASTURE, ACRES *	VALUES: LAND AND BUILDINGS, DOLLARS *	VALUES: BUILDINGS: FARMS REPORTING	VALUES: BUILDINGS: AMOUNT, DOLLARS	VALUES: IMPLEMENTS AND MACHINERY: FARMS REPORTING	VALUES: IMPLEMENTS AND MACHINERY: AMOUNT, DOLLARS	AVERAGE ACREAGE PER FARM	AVERAGE VALUE PER FARM: LAND AND BUILDINGS	AVERAGE VALUE PER FARM: IMPLEMENTS AND MACHINERY	AVERAGE VALUE OF LAND AND BUILDINGS PER ACRE	PERCENT OF FARM VALUE REPRESENTED BY BUILDINGS	PERCENT OF CROPLAND HARVESTED UNDER IRRIGATION	AVERAGE ACREAGE PER FARM OF IRRIGATED CROPLAND HARVESTED
41																													
40										(31)	(32)	(32)	(12)	(13)	(14)	(14)	(15)	(16)	(19)	(20)	(20)	(21)	(21)	(0.0)	($ ONLY)	($ ONLY)	($0.00)	(0.0%)	(0.0%)	(0.0)
39	3-4	5-6	68	72	13	16	76		X IN 78 CC	68-71	NO X IN 72 76	72-75	23-26	27-30	NO X IN 27 76	31-33	34-36	37-39	47-52	NO X IN 58 76	58-62	NO X IN 63 76	63-67	6 + 1	12 + 1	16 + 15	12 + 6	14 + 12	3 + 7	3 + 1
38							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
37	TOTAL																												
36	WHITE																												
35	NONWHITE																												
11																													
10	FULL OWNERS (T.1)																												
9	PART OWNERS (T.2)																												
8	MANAGERS (T.3)																												
7	ALL TENANTS (T.4-8)																												
6	WHITE TENANTS (C 1, T 4-8)																												
5	NONWHITE TENANTS (C 2, T 4-8)																												
4	CASH TENANTS (T.4)																												
3	SHARE-CASH TENANTS (T.5)																												
2	SHARE TENANTS (T.6)																												
1	CROPPERS (T.7)																												
0	OTHER TENANTS (T.8)																												

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 38 STOP 1

STATE _____

COUNTY _____

RESULT SLIP NO. 7 — Land Use and Farm Values, By Race of Operator (Nonwhite Races Only)

CARD A

SORT: RACE—TENURE

RACE (COL. 17)
CODE:
2. NEGRO
3. INDIAN
4. CHINESE
5. JAPANESE
6. OTHER

TENURE (COL. 13)
CODE.
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7. CROPPER
8. OTHER TENANT

TABULATE ONLY CARDS PUNCHED d 2, 3, 4, 6, OR 8 IN 17. TABULATIONS ARE TO BE MADE BY MACHINE ONLY WHEN THE SUM OF THE NONWHITE RACES, EXCLUSIVE OF THE DOMINANT ONE IN THE COUNTY, EXCEEDS 10. (SEE R. 6.2 OR 4 FOR COUNT OF FARMS BY RACE OF OPERATOR).

* CLEAR COUNTERS ON MAXIMUM READING
1/ USE 8 COUNTER POSITIONS ONLY.
2/ USE 7 COUNTER POSITIONS ONLY.

$

TABULATED	CHECKED	EXAMINED
	ADDED	VERIFIED
VERIFIED	COMPUTED	RECHECKED
REVISED	VERIFIED	CHANGED COLUMNS READDED

	SORT INDICATION: STATE	CO	CODE: R A C E	T E N U R E	FARMS *	EX-CESS	LAND IN FARMS: TOTAL ACRES IN FARMS *	FARMS REPORTING LAND USED FOR CROPS	CROPLAND HARVESTED: FARMS REPORTING	CROPLAND HARVESTED: ACRES	CROP FAILURE, ACRES *	CROPLAND, IDLE OR FALLOW, ACRES	FLOWABLE PASTURE, WOODLAND, ACRES	LAND AND BUILDINGS, DOLLARS *	VALUES: BUILDINGS: FARMS REPORTING	VALUES: BUILDINGS: AMOUNT, DOLLARS	VALUES: IMPLEMENTS AND MACHINERY: FARMS REPORTING	VALUES: IMPLEMENTS AND MACHINERY: AMOUNT, DOLLARS	AVERAGE ACREAGE PER FARM	VALUE OF LAND AND BUILDINGS: AVERAGE PER FARM	VALUE OF LAND AND BUILDINGS: AVERAGE PER ACRE	PERCENT OF FARM VALUE REPRESENTED BY BUILDINGS	PERCENT OF ALL LAND IN FARMS: LAND USED FOR CROPS	PERCENT OF ALL LAND IN FARMS: LAND AVAILABLE FOR CROPS	PERCENT OF FARMS REPORTING LAND USED FOR CROPS
41																									
40							(12)	(13)	(13)	(14)	(15)	(16)	(17)	(19)	(20)	(20)	(21)	(21)	(0.0)	($ ONLY)	($0.00)	(0.0%)	(0.0%)	(0.0%)	(0.0%)
39	3-4	5-6	17	13	76	X IN 76 CC	23-26	NO X IN 31 OR 76	NO X IN 27 76	27-30	31-33	34-36	37-39	40-42	47-52 1/	NO X IN 58 76	58-62 2/	NO X IN 63 76	63-67 3/						
	1 2 3 4 5 6		7 8 9 10	11 12	13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45												3÷1	11÷1	11÷3	13÷11	(6+7)÷3	(6+7+8+9)÷3	4÷1
38			1	2	3		4	5	6	7	8	9	10	11	2	13	14	15							
37	TOTAL																								

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 38 STOP 1

STATE _____

COUNTY _____

RESULT SLIP NO. 8 — Real-Estate Taxes, Other Land Owned, Cash Rent, and Mortgage Status, For Specified Groups, By MCD

CARD B

SORT: MCD (COL. 7-8)

* CLEAR COUNTERS ON MAXIMUM READING
1/ USE ONLY 1 COUNTER POSITION
2/ USE ONLY 7 COUNTER POSITIONS
3/ USE ONLY 8 COUNTER POSITIONS

ADD TO TABULATED FIGURES IN COLS. 4, 5, 6, 12, 13 AND 14 AMOUNTS ON GREEN EXCESS CARDS WHERE CONTROL 18 NOT ON GREEN EXCESS CARDS.

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TABULATED	CHECKED	EXAMINED
	ADDED	VERIFIED
VERIFIED	COMPUTED	RECHECKED
REVISED	VERIFIED	CHANGED COLUMNS READDED

	SORT INDICATION: STATE	CO.	MCD	FARMS *	EX-CESS	FULL OWNERS ONLY—d 1 IN 42: REPORTING REAL-ESTATE TAXES—NO X IN 28: FARMS	LAND IN FARMS, ACRES *	VALUE OF LAND AND BUILDINGS, DOLLARS *	REAL-ESTATE TAXES, DOLLARS *	OTHER LAND OWNED: FARMS REPORTING NONE	ALL FARMS REPORTING *	FARMS REPORTING ACRES RENTED	ACRES RENTED OUT *	CASH TENANTS REPORTING AMOUNT OF CASH RENT—d 4 IN 42 WITH NO X IN 13: FARMS	LAND IN FARMS, ACRES *	VALUE OF LAND AND BUILDINGS, DOLLARS *	CASH RENT *	MORTGAGE STATUS (ALL OWNERS) d 1-2 IN 42: FREE *	MORTGAGED *	NOT REPORTED *	REAL-ESTATE TAXES (FULL OWNERS): AVERAGE PER ACRE	REAL-ESTATE TAXES (FULL OWNERS): PER $100 OF VALUE	CASH RENT: AVERAGE PER ACRE	CASH RENT: PER $100 OF VALUE	PERCENT MORTGAGED (ALL OWNERS REPORTING STATUS)			
41																													
40						(25)	(12)	(19)	(25)	(27)	(27)	(28)	(28)	(8)	(11)	(19)	(8)	(22) X IN 18 OR 39	(22) NO X IN 18 OR d 1 IN 17	(22) X IN 17 OR 39	($0.00)	($0.00)	($0.00)	($0.00)	(0.0%)				
39	3-4	5-6	7-8	39	X IN 39 1/ CC	39	53-56	61-66	26-29	d 0 IN 34 39	d 1 IN 34 39	NO X IN 35 39	35-38	39	49-52	61-66 2/	13-16 2/	39	39	39	6÷4	6÷5 X 100	14÷12	14÷13 X 100	16÷(18+19)				
	1 2 3 4 5 6			7 8 9 10	11 12	13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36	37 38 39 40 41 42 43								1 2 3 4 5 6 7 8 9	10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	35 36 37 38 39 40 41 42 43 44 45														
38				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
37	TOTAL																												

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 28 STOP 1

STATE _____

COUNTY _____

RESULT SLIP NO. 9 — Mortgage Debt; Full Owners and Part Owners

CARD B

SORT: TENURE—COLOR—OTHER LAND OWNED—AMOUNT OF DEBT—MORTGAGE STATUS

TENURE (COL. 42)
CODE:
1. FULL OWNER
2. PART OWNER

COLOR (COL. 46)
CODE:
1. WHITE
2. NONWHITE

OTHER LAND OWNED (COL. 34)
CODE:
0 NO OTHER LAND OWNED
1 OTHER LAND OWNED
X NOT REPORTED

AMOUNT OF DEBT (COL. 18) AND MORTGAGE STATUS (COL. 17).
CODE:

NO X	1, 0, X	AMOUNT OF DEBT REPORTED
X	1	MORTGAGED, AMOUNT OF DEBT NOT REPORTED
X	0	FREE FROM MORTGAGE DEBT
X	X	NOT REPORTED

TABULATE ONLY CARDS PUNCHED d 1 OR 2 IN 42. USE FRACTIONAL COUNTERS FOR CARD COL. 25 FOR COUNT OF V IN 24 AND FOR COUNT OF EXCESS CARDS.

* CLEAR COUNTERS ON MAXIMUM READING.
1/ USE ONLY 1 COUNTER POSITION

ADD BY HAND TO THE TABULATED FIGURES IN COL. 9 THE RATES OF INTEREST FOR FARMS REPORTING A RATE OF 10% OR MORE.

$

TENURE _____

TABULATED	CHECKED	EXAMINED
	ADDED	VERIFIED
VERIFIED	COMPUTED	RECHECKED
REVISED	VERIFIED	CHANGED COLUMNS READDED

	SORT INDICATION: STATE	CO.	CODE: T	C	OTHER LAND OWNED	MORTGAGE STATUS	AMOUNT OF DEBT	FARMS *	EX-CESS	LAND IN FARMS, ACRES *	VALUE OF LAND AND BUILDINGS, DOLLARS *	AMOUNT OF MORTGAGE, DOLLARS	VALUE OWNED PORTION OF FARM, DOLLARS (PART OWNERS)	RENTED LAND, ACRES	INTEREST RATE OF FIRST MORTGAGE: FARMS REPORTING	INTEREST RATE OF FIRST MORTGAGE: TOTAL	FA	AGE OF OPERATOR (3): FARMS REPORTING: UNDER 25 YRS. *	25 TO 34 YRS.	35 TO 44 YRS.	45 TO 54 YRS.	55 TO 64 YRS.	65 YEARS & OVER	TOTAL YEARS	PERCENT MORTGAGED (REPORTING STATUS)	RATIO OF DEBT TO VALUE	AVERAGE PER FARM (OWNED PORTION): VALUE	AVERAGE PER FARM (OWNED PORTION): DEBT	AVERAGE DEBT PER ACRE (OWNED PORTION)	AVERAGE AGE OF OPERATOR	AVERAGE OF THE INTEREST RATES
41																															
40										(12)	(19)	(23)	(19a)	(11)	(24)	(24)															
39									X IN 39 1/																						
38	3-4	5-6	42	46	34	17	18	39	CC	53-56	61-66	18-23	67-71	49-52	V OR d 0-8 IN 24	30	24-25	39	39	39	39	39	39	39	44-45							
	1 2 3 4 5 6 7 8 9							10 11 12 13	14 15	16 17 18 19 20 21	22 23 24 25 26 27 28 29	30 31 32 33 34 35 36	37 38 39 40 41 42 43	1 2 3 4 5 6	7 8 9 10	11 12 13 14 15 16	17	18 19 20 21 22 23 24	25 26 27 28	29 30 31 32 33 34 35 36	37 38 39 40 41 42 43 44 45	COL. 1									
37								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
36	TOTAL																														
35	FREE FROM MORTGAGE																														
34	MORTGAGED																														
33	DEBT REPORTED																														
32	MORTGAGE STATUS NOT REPORTED																														
31	OWNING NO OTHER LAND (TOTAL)																														
30	FREE FROM MORTGAGE																														
29	MORTGAGED																														
28	DEBT REPORTED																														
27	MORTGAGE STATUS NOT REPORTED																														

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 10 — Mortgage Debt by Rate of Interest; By Crop Reporting Districts (Mortgaged Farms Only) CARD B

INDICATOR: START 36 STOP 2

STATE _____

DISTRICT _____

SORT: TENURE COLOR INTEREST RATE AMOUNT OF DEBT

TENURE (COL. 42) CODE: 1. FULL OWNER 2. PART OWNER

COLOR (COL. 46) CODE: 1. WHITE 2. NON-WHITE

INTEREST RATE (COL. 24-25) CODE: 00 NONE; 01 1% OR LESS; 02; 03; 04; 05; 06; 07; 08; 09; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 25; 26; 27; 28; 29; 30; 31; 32; 33; 34; 35; 36; 37; 38; 39; 40; 41; 42; 43; 44; 45; 46; 47; 48; 49; 50 50%; 51; 52; 53; 54; 55; 56; 57; 58; 59; 60; 61; 62; 63; 64; 65; 66; 67; 68; 69; 70; 71; 72; 73; 74; 75; 76; 77; 78; 79; 80; 81; 82; 83; 84; 85; 86; 87; 88; 89; 90; 91; 92; 93; 94; 95; 96; 97; 98; 99 99% AND OVER; X NOT REPORTED

AMOUNT OF DEBT (COL. 18) CODE: NO X REPORTED; X NOT REPORTED (NOT PRINTED)

TABULATE ONLY CARDS PUNCHED NO X IN 18

* CLEAR COUNTERS ON MAXIMUM READING (MINOR TOTALS ONLY).

1/ SHOW BOTH DISTRICT TOTALS AND TOTALS FOR THE INDICATED SORTS

2/ USE ONLY 4 COUNTER POSITIONS

3/ USE ONLY 2 COUNTER POSITIONS

4/ USE ONLY 7 COUNTER POSITIONS

5/ USE ONLY 8 COUNTER POSITIONS.

$

TABULATED	CHECKED		EXAMINED
	ADDED		VERIFIED
VERIFIED	COMPUTED		RECHECKED
REVISED	VERIFIED		CHANGED COLUMNS READDED

40	SORT INDICATION: STATE 3-4	CO. 5-6	CODE: T 42	C 46	UNDER-EST RATE 24-25	OTHER LAND OWNED 18	FARMS # 1/ 39	EX-CESS 1/ X IN 39 3/ CC	LAND IN FARMS, ACRES # (12) 53-56 4/	VALUE OF LAND AND BUILDINGS, DOLLARS # (19) 61-66 5/	AMOUNT OF MORTGAGE, DOLLARS (23) 18-23 5/	VALUE OWNED PORTION OF FARM, DOLLARS (PART OWNERS) (19a) 67-71	RENTED LAND, ACRES (11) 49-52	AGE OF OPERATOR (3) — FARMS REPORTING: UNDER 25 YRS. (1 IN 41 OR 2 IN 42 & 5-6 IN 43-45)	25 TO 34 YRS. (3 IN 41 & 5-6 IN 43-45 OR 1 OR 2 IN 42 & 4 IN 43-45)	35 TO 44 YRS. (4 IN 41 & 5-6 IN 43-45 OR 3 IN 41 & 4 IN 43-45 OR 1 OR 2 IN 42 & 3 IN 43-45)	45 TO 54 YRS. (5 IN 41 & 5-6 IN 43-45 OR 4 IN 41 & 4 IN 43-45)	55 TO 64 YRS. (6 IN 41 & 5-6 IN 43-45 OR 5 IN 41 & 4 IN 43-45)	65 YRS. & OVER (6 IN 41 & 5-6 IN 43-45 OR 5 IN 41 & 3-5 IN 42-45)	TOTAL YEARS 44-45	RATIO OF DEBT TO VALUE (0.0%) 4/	AVERAGE PER FARM (OWNED PORTION): VALUE ($ ONLY) 5/	AVERAGE PER FARM (OWNED PORTION): DEBT ($ ONLY) 5/	AVERAGE PER ACRE (OWNED PORTION): VALUE ($0.00) 5/	AVERAGE PER ACRE (OWNED PORTION): DEBT ($0.00) 5/	AVERAGE AGE OF OPERATOR (0 0)		
	1 2 3 4 5 6 7 8 9	10 11 12 13 14	15 16 17	18 19 20 21 22 23 24 25	26 27 28 29 30 31 32 33 34	35 36 37 38 39 40 41 42 43	1 2 3 4 5 6 7 8	9 10 11 12 13 14 15	16 17 18 19	20 21 22 23 24 25 26 27	28 29 30 31	32 33 34 35	36 37 38 39	40 41 42 43 44 45																
37		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22							
36	TOTAL																													
35	FULL OWNERS																													
34	PART OWNERS																													

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 11 — Mortgage Debt on Irrigated Farms; Full Owners and Part Owners (IRRIGATED FARMS ONLY!) CARD B

INDICATOR: START 33 STOP 2

STATE _____

SORT: IRRIGATION—TENURE—COLOR—OTHER LAND OWNED—AMOUNT OF DEBT—MORTGAGE STATUS

IRRIGATION: a. CROPLAND HARVESTED WHOLLY IRRIGATED—FIELD 12 (37-40) OTHER THAN X AND IDENTICAL TO FIELD 12 (37-40)

b. CROPLAND HARVESTED PARTLY IRRIGATED—FIELD 13 (33-36) OTHER THAN X BUT LESS THAN FIELD 12 (37-40)

TENURE (COL. 42) CODE: 1. FULL OWNER 2. PART OWNER

COLOR (COL. 46) CODE: 1. WHITE 2. NONWHITE

OTHER LAND OWNED (COL. 34) CODE: 0 NO OTHER LAND OWNED; 1 OTHER LAND OWNED; X NOT REPORTED

AMOUNT OF DEBT (COL. 18) AND MORTGAGE STATUS (COL. 17) CODE: X AMOUNT OF DEBT REPORTED; X AMOUNT OF DEBT NOT REPORTED

X 0 FREE FROM MORTGAGE DEBT

X NOT REPORTED;

TABULATE ONLY CARDS PUNCHED NO X IN 17 AND d 1 OR 2 IN 42. TABULATIONS ARE TO BE MADE FOR ONLY 26 IRRIGATED STATES.

USE FRACTIONAL COUNTER FOR CARD COL. 11

* CLEAR COUNTERS ON MAXIMUM READING (MINOR TOTALS ONLY)

1/ SHOW BOTH STATE TOTALS AND TOTALS FOR THE INDICATED SORTS

2/ USE ONLY 4 COUNTER POSITIONS

3/ USE ONLY 3 COUNTER POSITIONS

4/ USE ONLY 5 COUNTER POSITIONS

5/ USE ONLY 8 COUNTER POSITIONS

TENURE _____

ADD BY HAND TO THE TABULATED FIGURES IN COL. 11 THE RATES OF INTEREST FOR FARMS REPORTING A RATE OF 10% OR MORE.

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TABULATED	CHECKED		EXAMINED
	ADDED		VERIFIED
VERIFIED	COMPUTED		RECHECKED
REVISED	VERIFIED		CHANGED COLUMNS READDED

40	SORT INDICATION: STATE 3-4	IRRIGATION 17	CODE: T 42	C 46	OTHER LAND OWNED 34	AMOUNT OF DEBT 18	MORTGAGE STATUS 17	FARMS # 1/ 39	EXCESS X IN 39 2/ CC	LAND IN FARMS, ACRES: TOTAL IN FARMS # 1/ (12) 53-56 4/	CROPLAND HARVESTED: TOTAL (13) 57-60 4/	CROPLAND HARVESTED: IRRIGATED (31) 77-80 4/	VALUE OF LAND AND BUILDINGS, DOLLARS # (19) 61-66	AMOUNT OF MORTGAGE, DOLLARS (23) 18-23 5/	VALUE OWNED PORTION OF FARM, DOLLARS (PART OWNERS) (19a) 67-71 5/	RENTED LAND, ACRES (11) 49-52 4/	INTEREST RATE ON FIRST MORTGAGE: FARMS REPORTING (24) V or d 0-9 IN 24 39	INTEREST RATE ON FIRST MORTGAGE: TOTAL (24) 24-25	EIGHTHS 39	PERCENT MORTGAGED (REPORTING STATUS) (0.0%)	RATIO OF DEBT TO VALUE (0.0%)	AVERAGE PER FARM (OWNED PORTION): VALUE ($ ONLY)	AVERAGE PER FARM (OWNED PORTION): DEBT ($ ONLY)	AVERAGE PER ACRE (OWNED PORTION): VALUE ($0.00)	AVERAGE PER ACRE (OWNED PORTION): DEBT ($0.00)			
	1 2 3 4 5 6 7	8 9 10 11 12	13 14 15 16 17	18 19 20 21 22 23 24 25 26 27 28	29 30 31 32 33 34 35 36	37 38 39 40 41 42 43	1 2 3 4 5 6 7 8	9 10 11 12 13 14 15 16 17	18 19 20 21 22 23 24 25	26 27 28 29 30 31 32 33	34 35 36 37 38	39 40 41 42 43 44 45																		
36		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20									
35	TOTAL																													
34	FREE FROM MORTGAGE																													
33	MORTGAGED																													
32	DEBT REPORTED																													
31	MORTGAGE STATUS NOT REPORTED																													

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 12 — Taxes; Full Owners and Part Owners CARD B

INDICATOR: START 32 STOP 1

STATE _____

COUNTY _____

SORT: TENURE—COLOR—REAL-ESTATE TAXES

TENURE: (COL. 42) CODE: 1. FULL OWNER 2. PART OWNER

COLOR (COL 46) CODE: 1. WHITE 2. NONWHITE

REAL-ESTATE TAXES (COL. 26) CODE: NO X REAL-ESTATE TAXES REPORTED; X REAL-ESTATE TAXES NOT REPORTED

TABULATE ONLY CARDS PUNCHED d 1 OR 2 IN 42

* CLEAR COUNTERS ON MAXIMUM READING

1/ USE ONLY 5 COUNTER POSITIONS

$

TABULATED	CHECKED		EXAMINED
	ADDED		VERIFIED
VERIFIED	COMPUTED		RECHECKED
REVISED	VERIFIED		CHANGED COLUMNS READDED

41	SORT INDICATION: STATE 3-4	CO. 5-6	CODE: T 42	C 46	REAL-ESTATE TAXES 26	FARMS # 39	EXCESS X IN 39 CC	LAND IN FARMS, ACRES: TOTAL IN FARMS # (12) 53-56	LAND IN FARMS, ACRES: RENTED (11) 49-52	VALUE OWNED PORTION OF FARM, DOLLARS # (19, 19a) d 1 IN 42 61-66, OR d 2 IN 42 67-71	REAL-ESTATE TAXES, DOLLARS # (25) 26-29	PERSONAL PROPERTY TAXES: FARMS REPORTING (28) NO X IN 30 39	PERSONAL PROPERTY TAXES: TOTAL, DOLLARS # (29) 30-33	NO OTHER LAND OWNED—d 0 IN 34: FARMS 39	LAND IN FARMS, ACRES: TOTAL IN FARMS (12) 53-56	LAND IN FARMS, ACRES: RENTED (11) 49-52	VALUE OWNED PORTION OF FARM, DOLLARS (19, 19a) d 1 IN 42 61-66, OR d 2 IN 42 67-71	REAL-ESTATE TAXES, DOLLARS (25) 26-29	PERSONAL PROPERTY TAXES: FARMS REPORTING 39 NO X IN 30	PERSONAL PROPERTY TAXES: TOTAL, DOLLARS 30-33 1/	REAL ESTATE TAXES: AVERAGE PER ACRE ($0.00)	REAL ESTATE TAXES: PER $100 OF VALUE ($0.00)	AVERAGE PERSONAL PROPERTY TAXES PER FARM REPORTING ($ ONLY)	FOR OPERATORS OWNING NO OTHER LAND: REAL ESTATE TAXES: AVERAGE PER ACRE ($0.00)	FOR OPERATORS OWNING NO OTHER LAND: REAL ESTATE TAXES: PER $100 OF VALUE ($0.00)	FOR OPERATORS OWNING NO OTHER LAND: AVERAGE PERSONAL PROPERTY TAXES PER FARM REPORTING ($ ONLY)		
	1 2 3 4 5 6 7	8 9 10 11 12 13	14 15 16 17 18 19 20 21 22 23 24 25	26 27 28 29 30 31 32 33 34 35 36 37 38 39	40 41 42 43 45	1 2 3 4 5	6 7 8 9	10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45																				
37		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
36	TOTAL																											
35	FULL OWNERS																											
34	PART OWNERS																											
33	REAL-ESTATE TAXES REPORTED, TOTAL																											
32	FULL OWNERS																											
31	PART OWNERS																											

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 13 — Taxes on Irrigated Farms; Full Owners and Part Owners (Irrigated Farms Only)

CARD B

INDICATOR: START 35 STOP 2

STATE _____

SORT: IRRIGATION—TENURE—COLOR—OTHER LAND OWNED—REAL ESTATE TAXES

TENURE (COL. 42) CODE: 1 FULL OWNER; 2 PART OWNER

OTHER LAND OWNED (COL. 34) CODE: 0 NO OTHER LAND OWNED; 1 OTHER LAND OWNED; X NOT REPORTED

REAL ESTATE TAXES (COL. 26) CODE: NO X REAL ESTATE TAXES REPORTED; X REAL ESTATE TAXES NOT REPORTED

IRRIGATION: a. CROPLAND HARVESTED WHOLLY IRRIGATED—FIELD 18 (77-80) OTHER THAN X AND IDENTICAL TO FIELD 14 (57-60); b. CROPLAND HARVESTED PARTLY IRRIGATED—FIELD 18 (77-80) OTHER THAN X BUT LESS THAN FIELD 14 (57-60)

COLOR (COL. 41) CODE: 1 WHITE; 2 NONWHITE

TABULATE ONLY CARDS PUNCHED NO X IN 77 AND d 1 OR 2 IN 42.
TABULATIONS ARE TO BE MADE ONLY FOR 20 IRRIGATED STATES.

* CLEAR COUNTERS ON MAXIMUM READING (MINOR TOTALS ONLY).
1/ SHOW BOTH STATE TOTALS AND TOTALS FOR INDICATED SORTS.
2/ USE ONLY 6 COUNTER POSITIONS.
3/ USE ONLY 4 COUNTER POSITIONS.

TABULATED		CHECKED	EXAMINED
VERIFIED		ADDED	VERIFIED
REVISED		COMPUTED	RECHECKED
		VERIFIED	CHANGED COLUMNS READDED

40	SORT INDICATION: STATE	CODE: IRRIGATION	CODE: T	CODE: C	CODE: OTHER LAND OWNED	CODE: REAL ESTATE TAXES	FARMS 1/	EX-CESS	LAND IN FARMS, ACRES: TOTAL IN FARMS * 1/	LAND IN FARMS, ACRES: CROPLAND HARVESTED: TOTAL	LAND IN FARMS, ACRES: CROPLAND HARVESTED: IRRIGATED	VALUE OF LAND AND BUILDINGS, DOLLARS * 1/	REAL ESTATE TAXES, DOLLARS *	PERSONAL PROPERTY TAXES: FARMS REPORTING	PERSONAL PROPERTY TAXES: TOTAL, DOLLARS	RENTED LAND, ACRES	VALUE OWNED PORTION OF FARM, DOLLARS (PART OWNERS)		REAL ESTATE TAXES: AVERAGE PER ACRE ($0.00)	REAL ESTATE TAXES: PER $100 OF VALUE ($0.00)	AVERAGE PERSONAL PROPERTY TAXES PER FARM REPORTING ($ ONLY)	RATIO OF IRRIGATED CROPLAND HARVESTED TO ALL LAND IN FARMS (0.0%)				
39									(12)	(13)	(31)	(19)	(25)	(26)	(26)	(11)	(19a)									
38								X IN 39 CC						NO X IN 30 2/												
37	3-4	77	42	46	34	26	39		53-56	57-60	77-80	61-66	26-29 2/	30-33 2/		49-52 2/	67-71			14-1 (F. O.) 7-(0-18) P. O.	7+4 (F. O.) X 120 7+11 (P. O.) X 100	9 ÷ 8	5 ÷ 3				
	1 2 3 4 5 6	7	8	9	10	11	12 13 14 15	16 17	18 19 20 21 22 23	24 25 26 27 28 29	30 31 32 33 34 35	36 37 38 39 40 41 42 43	1 1 2 3 4 5 6 7	8 9 10 11 12 13 14 15 16 17 18 19 20 21	22 23 24 25 26 27 28	29 30 31 32 33 34 35 36	37 38 39 40 41 42 43 44 45										
36							1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20
35	TOTAL																										
34	FULL OWNERS																										
33	PART OWNERS																										

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 14 — Cash Rent Paid and Other Land Owned; Part Owners and Cash Tenants

CARD B

INDICATOR: START 36 STOP 1

STATE _____

COUNTY _____

SORT: TENURE—COLOR—CASH RENT

TENURE (COL. 42) CODE: 2. PART OWNER; 4. CASH TENANT

COLOR (COL. 46) CODE: 1. WHITE; 2. NONWHITE

CASH RENT (COL. 13) CODE: NO X CASH RENT REPORTED; X CASH RENT NOT REPORTED

TABULATE ONLY CARDS PUNCHED d 2 OR 4 IN 42.

* CLEAR COUNTERS ON MAXIMUM READING

1/ USE ONLY 4 COUNTER POSITIONS

TABULATED		CHECKED	EXAMINED
VERIFIED		ADDED	VERIFIED
REVISED		COMPUTED	RECHECKED
		VERIFIED	CHANGED COLUMNS READDED

41	SORT INDICATION: STATE	CO.	CODE: T	CODE: C	CODE: CASH RENT	FARMS *	EX-CESS	LAND IN FARMS: TOTAL ACRES IN FARMS *	LAND IN FARMS: RENTED ACRES	LAND IN FARMS: CROPLAND HARVESTED: FARMS REPORTING	LAND IN FARMS: CROPLAND HARVESTED: ACRES	VALUE OF LAND AND BUILDINGS, DOLLARS: TOTAL *	VALUE OF LAND AND BUILDINGS, DOLLARS: OWNED PORTION OF FARM	VALUE OF BUILDINGS: FARMS REPORTING	VALUE OF BUILDINGS: AMOUNT, DOLLARS	CASH RENT PAID, DOLLARS	OTHER LAND OWNED: FARMS REPORTING HOME	OTHER LAND OWNED: ALL FARMS REPORTING	OTHER LAND OWNED: FARMS REPORTING ACRES RENTED OUT	OTHER LAND OWNED: ACRES RENTED OUT *	CASH RENT: PER FARM ($ ONLY)	CASH RENT: PER ACRE ($0.00)	CASH RENT: PER $100 OF VALUE ($0.00)	RATIO OF VALUE OF BUILDINGS TO VALUE OF LAND AND BUILDINGS (0.0%)				
40								(12)	(11)	FARMS REPORTING (13)	ACRES (13)	(18)	(18a)	(20)	(20)	(8)	(27)	(27)	(28)	(28)								
39	3-4	5-6	42	46	13	39	X OR 39 CC	53-56	49-52	NO X IN 51 39	57-60	61-66	67-71	NO X IN 72 1/ 39	72-76	13-16	d 6 IN 34 39	d 5 IN 34 39	NO X IN 35 39	35-38								
	1 2 3 4 5 6 7		8	9	10	11	12 13	14 15 16 17 18 19	20 21 22 23 24 25	26 27 28 29 30 31 32 33 34 35		36 37 38 39 40 41 42 43	1 2 3 4 5 6 7 8	9 10 11 12 13 14 15 16 17 18 19 20 21	22 23 24 25 26 27 28	29 30 31 32 33 34 35 36	37 38 39 40 41 42 43 44 45					11÷1	11÷4	11÷(7-1) X 100 (7+0) X 100 (11÷7) X 100 (C. Y.)	10÷7				
38						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
37	TOTAL																											
36	PART OWNERS																											
35	CASH TENANTS																											

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 15 — Cash Rent Paid for Irrigated Farms; Part Owners and Cash Tenants (Irrigated Farms Only)

CARD B

INDICATOR: START 36 STOP 2

STATE _____

SORT: IRRIGATION—TENURE—COLOR—CASH RENT

TENURE (COL. 42) CODE: 3. PART OWNER; 4. CASH TENANT

CASH RENT (COL. 13) CODE: NO X CASH RENT REPORTED; X CASH RENT NOT REPORTED

IRRIGATION: a. CROPLAND HARVESTED WHOLLY IRRIGATED—FIELD 18 (77-80) OTHER THAN X AND IDENTICAL TO FIELD 14 (57-60); b. CROPLAND HARVESTED PARTLY IRRIGATED—FIELD 18 (77-80) OTHER THAN X BUT LESS THAN FIELD 14 (57-60)

COLOR (COL. 46) CODE: 1. WHITE; 2. NONWHITE

TABULATE ONLY CARDS PUNCHED NO X IN 77 AND d 3 OR 4 IN 42. TABULATIONS ARE TO BE MADE FOR ONLY 20 IRRIGATED STATES.

* CLEAR COUNTERS ON MAXIMUM READING (MINOR TOTALS ONLY).

1/ SHOW BOTH STATE TOTALS AND TOTALS FOR INDICATED SORTS

TABULATED		CHECKED	EXAMINED
VERIFIED		ADDED	VERIFIED
REVISED		COMPUTED	RECHECKED
		VERIFIED	CHANGED COLUMNS READDED

40	SORT INDICATION: STATE	CODE: IRRIGATION	CODE: T	CODE: C	CODE: CASH RENT	FARMS * 1/	EX-CESS	LAND IN FARMS, ACRES: TOTAL IN FARMS * 1/	LAND IN FARMS, ACRES: CROPLAND HARVESTED: TOTAL	LAND IN FARMS, ACRES: CROPLAND HARVESTED: IRRIGATED	VALUES, DOLLARS: LAND AND BUILDINGS *	VALUES, DOLLARS: BUILDINGS *	RENTED LAND, ACRES	VALUE OWNED PORTION OF FARM, DOLLARS	CASH RENT PAID, DOLLARS 1/	CASH RENT: PER FARM ($ ONLY)	CASH RENT: PER ACRE ($0.00)	CASH RENT: PER $100 OF VALUE ($0.00)	RATIO OF VALUE OF BUILDINGS TO VALUE OF LAND AND BUILDINGS (0.0%)				
39							1/	(12)	(13)	(31)	(19)	(20)	(11)	(19a)	(8)								
38	3-4	77	42	46	13	39	X IN 39 CC	53-56	57-60	77-80	61-66	72-76	49-52	67-71	13-16								
	1 2 3 4 5 6	7	8	9	10	11	12 13 14 15	16 17	18 19 20 21 22 23	24 25 26 27 28 29	30 31 32 33 34 35	36 37 38 39 40 41 42 43	1 1 2 3 4 5 6 7	8 9 10 11 12 13 14 15 16 17 18 19 20 21	22 23 24 25 26 27 28	29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45				10÷1	10÷8	(10÷8) X 100 (7, 0) (11÷8) X 100 (C. Y.)	7÷6				
37						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
36	TOTAL																							
35	PART OWNERS																							
34	CASH TENANTS																							

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 38 STOP 1

STATE_____

COUNTY_____

RESULT SLIP NO. 16 — Work Off The Farm, Specified Farm Facilities, Automobiles, Motor Trucks, and Kind of Road, By MCD CARD C

SORT: MCD (COL. 7-8)

* CLEAR COUNTERS ON MAXIMUM READING
1/ USE ONLY 3 COUNTER POSITIONS

TABULATED		CHECKED	EXAMINED
ADDED		VERIFIED	
VERIFIED		COMPUTED	RECHECKED
REVISED		VERIFIED	CHANGED COLUMNS READDED

	SORT INDICATION STATE	CO	MCD	FARMS #	EX-CESS	WORK OFF THE FARM: FARMS REPORTING NO WORK OFF THE FARM	WORK OFF THE FARM: FARMS REPORTING WORK OFF THE FARM	NUMBER OF DAYS OF WORK OFF THE FARM: TOTAL	NUMBER OF DAYS OF WORK OFF THE FARM: ON OTHER FARMS	NUMBER OF DAYS OF WORK OFF THE FARM: AT NON-FARM JOBS, BUSINESSES, OR PROFESSIONS	SPECIFIED FARM FACILITIES, FARMS REPORTING: ELECTRIC DISTRIBUTION LINE WITHIN ¼ MILE	DWELLING LIGHTED BY ELECTRICITY FROM: POWER LINE	HOME PLANT: TOTAL	HOME PLANT: ELEC. DIST. LINE WITHIN ¼ MILE(47)	TELEPHONE	AUTOMOBILES: FARMS REPORTING	AUTOMOBILES: NUMBER	MOTOR TRUCKS: FARMS REPORTING	MOTOR TRUCKS: NUMBER*	TRACTORS: FARMS REPORTING	TRACTORS: NUMBER	KIND OF ROAD (HIGHER CLASS ONLY) FARMS REPORTING: HARD-SURFACED	GRAVEL, ETC.	IMPROVED DIRT	UNIMPROVED DIRT	WORK OFF FARM: PERCENT OF ALL FARMS REPORTING	PERCENT OF ALL FARMS REPORTING: AVERAGE NUMBER DAYS PER FARM REPORTING	DWELLING LIGHTED BY ELECTRICITY	TELEPHONE	AUTOMOBILES	MOTOR TRUCKS	TRACTORS
41						(29)	(29)	(29)-	(29a)	(29b)	(47)	(46)	(48)		(49)	(44)	(44)	(45)	(45)	(46)	(46)	(50)	(50)	(50)	(50)									
40					X IN 42	V IN 13 1/	d o b IN 13 1/				d 1 IN 30 1/	d 1 IN 30 1/	d 2 IN 39	d 2 IN 30 & d 2 IN 30		NO X IN 29		NO X IN 32		NO X IN 35			d 1 IN 41	d 2 IN 41	d 3 IN 42	d 4 IN 41	(0.0%)		(0.0%)	(0.0%)	(0.0%)	(0.0%)	(0.0%)
39	3-4	5-6	7-8	43 1/	CC	43	43	13-15	16-18	19-21	43	43	43	43	40	43	29	43	32	43	35	43	43	43	43	4+1	5+4	(9++10)+1	12+1	13+1	15+1	17+1	
	1 1 2	3 4	5 6	7 8 9 10	11 12	13 14 15 16	17 18 19 20	21 22 23 24 25 26	27 28 29 30 31 32	33 34 35 36 37 38	39 40 41 42 43	1 2 3 4	5 6 7	8 9 10	11 12 13	14 15 16 17 18 19 20	21 22 23 24 25 26	22 29 30 31 32 33	34 35 36	37 38 39 40 41 42 43 44 45														
38				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
37	TOTAL																																

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 36 STOP 12

STATE_____

COUNTY_____

RESULT SLIP NO. 17 — Age, Year of Occupancy, and Residence, By Color and Tenure of Operator CARD C

SORT: TENURE—COLOR
TENURE (COL. 60)
CODE:
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7. CROPPER
8. OTHER TENANT

COLOR (COL. 64)
CODE:
1. WHITE
2. NONWHITE

* CLEAR COUNTERS ON MAXIMUM READING.
1/ USE ONLY 6 COUNTER POSITIONS.
2/ USE ONLY 3 COUNTER POSITIONS.

TABULATED		CHECKED	EXAMINED
ADDED		VERIFIED	
VERIFIED		COMPUTED	RECHECKED
REVISED		VERIFIED	CHANGED COLUMNS READDED

	SORT INDICATION STATE	CO.	CODE T	CODE C	FARMS #	EX-CESS	AGE OF OPERATOR (3) OPERATORS REPORTING: UNDER 25 YRS.	25 TO 34 YRS.	35 TO 44 YRS.	45 TO 54 YRS.	55 TO 64 YRS.	65 YRS. & OVER	TOTAL YEARS	YEAR OF OCCUPANCY (30) OPERATORS REPORTING: 1940	1936 *	1930	1927	1926	1921 TO 1925	1900 TO 1920	1860 TO 1920	BEFORE 1860	TOTAL OF YEAR OF OCCUPANCY	RESIDENCE OF FARM OPERATOR, OPERATORS REPORTING (5): ON FARM OPERATED	NOT ON FARM OPERATED	FARMS REPORTING AGE OF OPERATOR	FARMS REPORTING YEAR OF OCCUPANCY	AVERAGE AGE OF OPERATOR	AVERAGE OF YEAR OF OCCUPANCY	PERCENT OF ALL OPERATORS LIVING ON FARM OPERATED			
41																																		
40						X IN 42																												
39	3-4	5-6	80	84	43	CC	43	43	43	43	43	43	62-65 1/	43	43	43	43	43	43	43	43	43	24-25	66	43	(1++(1+1+1 +1+1+1)	(1++(1+1+1 +1+1+1+1 +1+1+1 +1+1)	9+22	[(1+(1+1)x10)] +23	20+1				
	1 1 2	3 4	5	6	7 8 9 10	11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	33 34 35 36	37 38 39 40 41 42 43	1 2 3 4	5 6 7	8 9 10	11 12 13	14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31	32 33 34 35 36 37	38 39 40 41	42 43 44 45										
38					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
37	TOTAL																																	
36	WHITE																																	
35	NONWHITE																																	
11																																		
10	FULL OWNERS (T. 1)																																	
9	PART OWNERS (T. 2)																																	
8	MANAGERS (T. 3)																																	
7	ALL TENANTS (T. 4-8)																																	
6	WHITE TENANTS (C. 1, T. 4-8)																																	
5	NONWHITE (C. 2, T. 4-8) TENANTS																																	
4	CASH TENANTS (T. 4)																																	
3	SHARE-CASH TENANTS (T. 5)																																	
2	SHARE TENANTS (T. 6)																																	
1	CROPPERS (T. 7)																																	
0	OTHER TENANTS (T. 8)																																	

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

INDICATOR: START 36 STOP 12

STATE _____

COUNTY _____

RESULT SLIP NO. 18 — AUTOMOBILES AND KIND OF ROAD, BY COLOR AND TENURE OF OPERATOR CARD C

SORT: TENURE—COLOR
TENURE (COL. 60)

CODE:
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7. CROPPER
8. OTHER TENANT

COLOR (COL 64)
CODE:
1. WHITE
2. NONWHITE

* CLEAR COUNTERS ON MAXIMUM READING.
1/ USE ONLY 3 COUNTER POSITIONS.

TABULATED	CHECKED	EXAMINED
VERIFIED	ADDED	VERIFIED
VERIFIED	COMPUTED	RECHECKED
REVISED	VERIFIED	CHANGED COLUMNS READDED

$

	SORT INDICATION: STATE 3-4	CO. 5-6	CODE T 60	CODE C 64	FARMS * 43	EXCESS X IN 43 CC	AUTOMOBILES (44): YEAR OF LATEST MODEL — FARMS REPORTING: 1940 d 4 IN 39 & d 6 IN 31	1939 d 3 IN 39 & d 3 IN 31	1938 d 3 IN 39 & d 3 IN 31	1937 d 3 IN 39 & d 7 IN 31	1936 d 3 IN 39 & d 6 IN 38	1935 d 3 IN 39 & d 3 IN 31	1934 d 3 IN 39 & d 4 IN 31	1933 d 3 IN 39 & d 3 IN 31	1932 d 3 IN 39 & d 2 IN 31	1931 d 3 IN 39 & d 1 IN 31	1930 & EARLIER d 0-2 IN 39, OR d 3 IN 39 & d 0 IN 31	TOTAL OF YEAR OF LATEST MODEL 30-31	NUMBER OF AUTOMOBILES: FARMS REPORTING NO X IN 29	TOTAL * 29	KIND OF ROAD, FARMS REPORTING (50): HIGHER CLASS FOR EACH FARM: HARD-SURFACED d 1 IN 41	GRAVEL, ETC. d 2 IN 41	IMPROVED DIRT d 3 IN 41	UNIMPROVED DIRT d 4 IN 41	SECONDARY CLASS FOR EACH FARM: GRAVEL, ETC d 2 IN 42	IMPROVED DIRT d 3 IN 42 1/	UNIMPROVED DIRT d 4 IN 42 1/	FARMS REPORTING YEAR OF LATEST MODEL	AVERAGE YEAR OF LATEST MODEL	PER CENT OF ALL FARMS REPORTING AUTOMOBILES							
41																																							
40																																							
39	3-4	5-6	60	64	43	CC	43	43	43	43	43	43	43	43	43	43	43	30-31	43	29	d 1 IN 41	d 2 IN 41	d 3 IN 41	d 4 IN 41	d 2 IN 42	d 3 IN 42 1/	d 4 IN 42 1/	4-10	14-24	18-1									
	1 1 2	3 4	5	6	7 8 9 10	11 12	13 14 15 16	17 18 19	20 21 22	23 24 25	26 27 28	29 30 31	32 33 34	35 36 37	38 39 40	41 42 43	1 2 3 4	5 6 7 8 9 10	11 12 13 14 15 16 17 18	19 20 21 22	23 24 25 26	27 28 29 30 31	32 33 34	35 36 37	38 39 40 41	42 43 44 45														
38					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
37	TOTAL																																					
36	WHITE																																					
35	NONWHITE																																					

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

INDICATOR: START 36 STOP 12

STATE _____

COUNTY _____

RESULT SLIP NO. 19 — Motor Trucks and Specified Farm Facilities, By Color and Tenure of Operator CARD C

SORT: TENURE—COLOR
TENURE (COL. 60)

CODE:
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7. CROPPER
8. OTHER TENANT

COLOR (COL. 64)
CODE:
1. WHITE
2. NONWHITE

* CLEAR COUNTERS ON MAXIMUM READING
1/ USE ONLY 1 COUNTER POSITION
2/ USE ONLY 3 COUNTER POSITIONS

TABULATED	CHECKED	EXAMINED
VERIFIED	ADDED	VERIFIED
VERIFIED	COMPUTED	RECHECKED
REVISED	VERIFIED	CHANGED COLUMNS READDED

$

	SORT INDICATION: STATE 3-4	CO. 5-6	CODE T 60	CODE C 64	FARMS * 43	EXCESS X IN 43 CC	MOTOR TRUCKS (45): YEAR OF LATEST MODEL — FARMS REPORTING: 1940 d 4 IN 39 & d 6 IN 34	1939 d 3 IN 39 & d 5 IN 34	1938 d 3 IN 39 & d 3 IN 34	1937 d 3 IN 39 & d 7 IN 34	1936 d 3 IN 39 & d 6 IN 34	1935 d 3 IN 39 & d 3 IN 34	1934 d 3 IN 39 & d 4 IN 34	1933 d 3 IN 39 & d 3 IN 34	1932 d 3 IN 39 & d 2 IN 34	1931 d 3 IN 39 & d 1 IN 34	1930 & EARLIER d 0-2 IN 39, OR d 3 IN 39 & d 0 IN 34	TOTAL OF YEAR OF LATEST MODEL 33-34	NUMBER OF MOTOR TRUCKS: FARMS REPORTING NO X IN 32	TOTAL * 32	SPECIFIED FARM FACILITIES, FARMS REPORTING: ELECTRIC DISTRIBUTION LINE—WITHIN ¼ MILE (47) d 1 IN 35	NOT WITHIN ¼ MILE d 2 IN 35	DWELLING LIGHTED BY ELECTRICITY FROM—POWER LINE (48) d 1-IN 39	HOME PLANT: TOTAL (48) d 2 IN 39	ELEC. DIST. LINE WITHIN ¼ MILE (48) d 1 IN 35 & d 2 IN 38	TELEPHONE (49) 40	NO TELEPHONE (49) d 0 IN 40	FARMS REPORTING YEAR OF LATEST MODEL	AVERAGE YEAR OF LATEST MODEL	PERCENT OF ALL FARMS REPORTING: MOTOR TRUCKS	DWELLING LIGHTED BY ELECTRICITY	TELEPHONE					
41																																							
40																																							
39	3-4	5-6	60	64	43	CC	43	43	43	43	43	43	43	43	43	43	43	33-34	43	32	45	45	43	43	43	40	43	+10	14-24	19-1	(19-20)-1	21-1						
	1 2 3 4	5 6	7 8	9 10	11 12	13 14 15 16	17 18 19	20 21 22	23 24 25	26 27 28	29 30 31	32 33 34	35 36 37	38 39 40	41 42 43	1 2 3 4	5 6 7 8 9 10	11 12 13 14 15 16	17 18 19	20 21 22 23	24 25 26 27	28 29 30 31	32 33 34	35 36 37	38 39 40 41	42 43 44 45														
38					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
37	TOTAL																																					
36	WHITE																																					
35	NONWHITE																																					

BOTTOM PORTION SAME FOR RESULT SLIP NO. 18 AND RESULT SLIP NO. 19.

10	FULL OWNERS (T. 1)																																					
9	PART OWNERS (T. 2)																																					
8	MANAGERS (T. 3)																																					
7	ALL TENANTS (T. 4-8)																																					
6	WHITE TENANTS (C. 1, T. 4-8)																																					
5	NONWHITE TENANTS (C. 2, T. 4-8)																																					
4	CASH TENANTS (T. 4)																																					
3	SHARE-CASH TENANTS (T. 5)																																					
2	SHARE TENANTS (T. 6)																																					
1	CROPPERS (T. 7)																																					
0	OTHER TENANTS (T. 8)																																					

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

INDICATOR: START 36 STOP 12

STATE _____

COUNTY _____

RESULT SLIP NO. 20 — Tractors and Cooperative Buying, Selling, and Service, By Color and Tenure of Operator

CARD C

SORT: TENURE-COLOR
TENURE (COL. 60)
CODE:
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7. CROPPER
8. OTHER TENANT

COLOR (COL. 64)
CODE:
1. WHITE
2. NONWHITE

* CLEAR COUNTERS ON MAXIMUM READING
1/ USE ONLY 1 COUNTER POSITION
3/ USE ONLY 3 COUNTER POSITIONS

	CHECKED		EXAMINED
TABULATED	ADDED		VERIFIED
VERIFIED	COMPUTED		RECHECKED
REVISED	VERIFIED		CHANGED COLUMNS READDED

	SORT INDICATION: STATE (3-4)	CO. (5-6)	CODE T (60)	CODE C (64)	FARMS * (43)	EXCESS X IN col. 3/ C C	TRACTORS (46): YEAR OF LATEST MODEL, FARMS REPORTING: 1940 (d 4 IN 36 & d 0 IN 37) (43)	1939 (d 3 IN 36 & d 9 IN 37) (43)	1938 (d 3 IN 36 & d 8 IN 37) (43)	1937 (d 3 IN 36 & d 7 IN 37) (43)	1936 (d 3 IN 36 & d 6 IN 37) (43)	1935 (d 3 IN 36 & d 5 IN 37) (43)	1934 (d 3 IN 36 & d 4 IN 37) (43)	1933 (d 3 IN 36 & d 3 IN 37) (43)	1932 (d 3 IN 36 & d 2 IN 37) (43)	1931 (d 3 IN 36 & d 1 IN 37 2/) (43)	1930 & EARLIER (d 0-2 IN 36; OR d 3 IN 36 & d 0 IN 37) (43)	TOTAL OF YEAR OF LATEST MODEL (36-37)	NUMBER OF TRACTORS: FARMS REPORTING (NO X IN 35) (43)	TOTAL (35)	CROPLAND HARVESTED ON FARMS REPORTING TRACTORS, ACRES * (13) NO X IN 25 71-74	BUSINESS WITH OR THROUGH COOPERATIVES, FARMS REPORTING: ANY BUSINESS WITH OR THROUGH COOPERATIVES (34, 35, 36) (d 1 IN 26, 27, OR 29) (43)	SELLING ARD/OR BUYING (34, 35) (d 1 IN 28 ON 27) (43)	SELLING (34) (28)	BUYING (33) (27)	SERVICE (36) (28)	FARMS REPORTING YEAR OF LATEST MODEL (13)	AVERAGE OF YEAR OF LATEST MODEL	PERCENT OF ALL FARMS REPORTING TRACTORS	AVERAGE PER TRACTOR OF CROPLAND HARVESTED ON FARMS REPORTING TRACTORS	PERCENT OF ALL FARMS REPORTING ANY BUSINESS THROUGH COOPERATIVES				
41																																	
40																																	
39	3-4	5-6	60	64	43	X IN col. 3/ C C	43	43	43	43	43	43	43	43	43	43	43	36-37	43	35	13	25	34, 35, 36	34	33	36	13	26	28	27	43	44	45
	1 2	3 4	5	6	7 8 9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	31 32	33 34	35 36	37 38	39 40	41 42	43	1 2 3 4	5 6	7 8 9	10 11	12 13	14 15	16 17	18 19	20 21	22 23	24 25
38			1			2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
37	TOTAL																																
36	WHITE																																
35	NONWHITE																																

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

INDICATOR: START 37 STOP 13

STATE _____

COUNTY _____

RESULT SLIP NO. 21 — Work Off The Farm, By Color and Tenure of Operator

CARD C

SORT: TENURE-COLOR
TENURE (COL. 60)
CODE:
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7. CROPPER
8. OTHER TENANT

COLOR (COL. 64)
CODE:
1. WHITE
2. NONWHITE

TABULATE ONLY CARDS PUNCHED d 0-9 IN 13
* CLEAR COUNTERS ON MAXIMUM READING (MINOR TOTALS ONLY)
1/ SHOW BOTH COUNTY TOTALS AND TOTALS FOR INDICATED SORTS
3/ USE ONLY 1 COUNTER POSITION

	CHECKED		EXAMINED
TABULATED	ADDED		VERIFIED
VERIFIED	COMPUTED		RECHECKED
REVISED	VERIFIED		CHANGED COLUMNS READDED

	SORT INDICATION: STATE (3-4)	CO. (5-6)	CODE T (60)	CODE C (64)	FARMS * (43) 1/	EXCESS X IN col. 40 3/ C C	ANY WORK OFF THE FARM (29): OPERATORS REPORTING: UNDER 25 DAYS (d 0 IN 13 & d 0-1 IN 14) OR (d 0 IN 12, d 2 IN 14 & d 0-4 IN 15) (43)	25 TO 49 DAYS (d 0 IN 13, d 2 IN 14 & d 5-9 IN 15; OR d 0 IN 13 & d 5-6 IN 14) (43)	50 TO 74 DAYS (d 1 IN 13 & d 5-6 IN 14, OR 14 & d 5-9 IN 15; OR d 0 IN 12, d 7 IN 14 & d 0-4 IN 15) (43)	75 TO 99 DAYS (d 0 IN 13, d 7 IN 14 & d 5-9 IN 15; OR d 1 IN 13 & d 0-9 IN 14) (43)	100 TO 149 DAYS (d 1 IN 13 & d 0-4 IN 14) (43)	150 TO 199 DAYS (d 1 IN 13 & d 5-9 IN 14) (43)	200 TO 249 DAYS (d 2 IN 13 & d 0-4 IN 14) (43)	250 DAYS AND OVER (d 2 IN 13 & d 5-9 IN 14; OR d 3 IN 13) (43)	TOTAL DAYS (13-15)	WORK OFF THE FARM ON OTHER FARMS: OPERATORS REPORTING (29a) NO X IN 16 (43)	TOTAL DAYS * (29a) (16-18)	WORK OFF THE FARM AT NONFARM JOBS, BUSINESSES, OR PROFESSIONS: OPERATORS REPORTING (29b) 1/ NO X IN 19 (45)	TOTAL DAYS (29b) (19-21)	FARMS WHOSE OPERATORS REPORT 100 OR MORE DAYS OF WORK OFF THE FARM: LAND IN FARMS, ACRES * (12) d 1-3 IN 13 87-70	VALUE OF LAND AND BUILDINGS DOLLARS (19) d 1-3 IN 13 72-80	WORK OFF FARM: PERCENT OF ALL FARMS REPORTING (0.0%)	NUMBER DAYS PER FARM REPORTING 1-1	PERCENT OF ALL FARMS REPORTING 100 OR MORE DAYS (0.0%)	WORK ON OTHER FARMS: PERCENT OF FARMS REPORTING WORK OFF FARM (0.0%)	NUMBER DAYS PER FARM REPORTING (0.0)	NONFARM WORK: PERCENT OF FARMS REPORTING WORK OFF FARM (0.0%)	NUMBER DAYS PER FARM REPORTING (0.0)		
41																																	
40																																	
39	3-4	5-8	60	64	43	X IN col. 40 3/ C C	43	43	43	43	43	43	43	43	43	43	43	12-15	43	16-18	45	19-21	87-70	72-80	1-1	13-1	1-1	14-1	15-14	16-1	17-16		
	1 2	3 4	5	6	7 8 9 10	11 12	13 14 15 16 17	18 19 20 21	22 23 24 25	26 27 28 29	30 31 32 33	34 35 36 37	38 39 40	41 42 43	1 2 3	4 5 6	7 8 9 10	11 12	13 14 15 16	17 18 19 20	21 22 23 24 25	26 27 28 29 30	31 32 33 34 35	36 37	38 39 40 41	42 43 44	45	1-1	13-1	1-1	14-1	15-14	16-1	17-16		
38			1			2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27		
37	TOTAL																																
36	WHITE																																
35	NONWHITE																																

BOTTOM PORTION SAME FOR RESULT SLIP NO. 20 AND RESULT SLIP NO. 21

10	FULL OWNERS (T. 1)																																
9	PART OWNERS (T. 2)																																
8	MANAGERS (T. 3)																																
7	ALL TENANTS (T. 4-8)																																
6	WHITE TENANTS (C. 1, T. 4-8)																																
5	NONWHITE TENANTS (C. 2, T. 4-8)																																
4	CASH TENANTS (T. 4)																																
3	SHARE-CASH TENANTS (T. 5)																																
2	SHARE TENANTS (T. 6)																																
1	CROPPERS (T. 7)																																
0	OTHER TENANTS (T. 8)																																

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 22 — Farm Labor, By Minor Civil Divisions

CARD D

INDICATOR: START 38 STOP 1

SORT: MCD (COLS. 7-9)

STATE

COUNTY

* CLEAR COUNTERS ON MAXIMUM READING
1/ USE ONLY 1 COUNTER POSITION
3/ USE ONLY 4 COUNTER POSITIONS

TABULATED	CHECKED	EXAMINED	
	ADDED	VERIFIED	
VERIFIED	COMPUTED	RECHECKED	
REVISED	VERIFIED	CHANGED COLUMNS READDED	

	SORT INDICATION STATE	CO.	MCD	FARMS *	EX-CESS	FAMILY LABOR FOR SPECIFIED DATES: FARMS REPORTING MARCH 24 TO 30, 1940 (37a) NO X IN 13 70	FARMS REPORTING SEPT. 24 TO 30, 1939 (37a) NO X IN 14 70	NUMBER OF PERSONS MARCH 24 TO 30, 1940 (37a) 13	NUMBER OF PERSONS SEPT. 24 TO 30, 1939 (37a) 14	HIRED LABOR FOR SPECIFIED DATES: FARMS REPORTING MARCH 24 TO 30, 1940 (37b, c, d) NO X IN 15, 23, OR 31 1/ 70	FARMS REPORTING SEPT. 24 TO 30, 1939 (37 b, c, d) NO X IN 17, 25, OR 33 70	HIRED BY MONTH MARCH 24 TO 30, 1940 * (37b) 15-16	HIRED BY MONTH SEPT. 24 TO 30, 1939 * (37b) 17-18	HIRED BY DAY OR WEEK MARCH 24 TO 30, 1940 * (37c) 23-24	HIRED BY DAY OR WEEK SEPT. 24 TO 30, 1939 * (37c) 25-26	NUMBER OF PERSONS MARCH 24 TO 30, 1940 * (37c) 31-32	NUMBER OF PERSONS SEPT. 24 TO 30, 1939 * (37c) 33-34	TOTAL CASH WAGES PAID IN 1939: FARMS RPTG (37) NO X IN 19, 27, OR 35 70	AMOUNT, DOLLARS: FOR LABOR HIRED BY MONTH * (37b) 19-22	FOR LABOR HIRED BY DAY OR WEEK * (37c) 27-30	FOR OTHER HIRED LABOR (INCL. PIECE WORK & CONTRACT LABOR) * (37d) 35-38	NO OF FARMS HAVING ACREAGE IN ANOTHER MCD 60	FAMILY LABOR: PERCENT OF ALL FARMS REPORTING MARCH 24 TO 30, 1940 (0.0%) 3+1	PERCENT OF ALL FARMS REPORTING SEPT. 24 TO 30, 1939 (0.0%) 4+1	NUMBER PER FARM REPORTING MARCH 24 TO 30, 1940 (0.0) 5+3	NUMBER PER FARM REPORTING SEPT. 24 TO 30, 1939 (0.0) 6+4	HIRED LABORERS PER FARM REPORTING: MARCH 24 TO 30, 1940 (0.0) (3+1+1+1) +7	HIRED LABORERS PER FARM REPORTING: SEPT. 24 TO 30, 1939 (0.0) (3+1+1+1) +8	CASH WAGES PAID IN 1939: PERCENT OF ALL FARMS REPORTING (0.0%) 18+1	CASH WAGES PAID IN 1939: PER FARM REPORTING ($ ONLY) (3+1+1+1+1) +15
	1 2 3 4 5 6	7 8 9 10	11 12	13 14 15 16	17 18 19 20	21 22 23 24 25	26 27 28 29 30	31 32 33 34 35	36 37 38 39	40 41 42 43	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28 29 30	31 32 33 34 35 36	37 38 39 40 41 42	43 44 45	3+1	4+1	5+3	6+4			18+1	
38			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
37	TOTAL																											

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 23 — Specified Farm Expenditures, By Minor Civil Divisions

CARD D

INDICATOR: START 38 STOP 1

SORT: MCD (COLS. 7-9)

STATE

COUNTY

NECESSARY TO TABULATE ONLY CARDS WITH NO X IN 39, 43, 47, 51, 59, 63, 63 OR 65
USE FRACTIONAL COUNTERS FOR TABULATING CARD COL. 57 AND X IN COL. 70

* CLEAR COUNTERS ON MAXIMUM READING
1/ USE ONLY 1 COUNTER POSITION
2/ USE ONLY 2 COUNTER POSITIONS
3/ USE ONLY 3 COUNTER POSITIONS
4/ USE ONLY 5 COUNTER POSITIONS

TABULATED	CHECKED	EXAMINED	
	ADDED	VERIFIED	
VERIFIED	COMPUTED	RECHECKED	
REVISED	VERIFIED	CHANGED COLUMNS READDED	

	SORT INDICATION STATE	CO.	MCD	FARMS *	EX-CESS	EXPENDITURES FOR FEED: FARMS REPORTING (38) NO X IN 39 70	AMOUNT, DOLLARS * (38) 39-42	EXPENDITURES FOR IMPLEMENTS AND MACHINERY: FARMS REPORTING (39) NO X IN 43 70	AMOUNT, DOLLARS * (39) 43-46	EXPENDITURES FOR GAS, OIL, ETC.: FARMS REPORTING (40) NO X IN 47 70	AMOUNT, DOLLARS * (40) 47-50	EXPENDITURES FOR BUILDING MATERIALS: FARMS REPORTING (41) NO X IN 51 70	AMOUNT, DOLLARS * (41) 51-54 3/	EXPENDITURES FOR COMMERCIAL FERTILIZER: FARMS REPORTING (42) NO X IN 55 OR 59 70	QUANTITY BOUGHT, TONS * (42) EIGHTHS 55-57	AMOUNT, DOLLARS (42) 58-61	EXPENDITURES FOR LIMING MATERIA: FARMS REPORTING (43) 3/ NO X IN 63, 63, OR 65 70	QUANTITY BOUGHT, TONS * (43) 62-64 3/	AMOUNT, DOLLARS (43) 65-68 3/	AVERAGE EXPENDITURE PER FARM REPORTING: FEED ($ ONLY) 4+3	IMPLEMENTS AND MACHINERY ($ ONLY) 6+5	GAS, OIL, ETC. ($ ONLY) 8+7	BUILDING MATERIALS ($ ONLY) 10+9	COMMERCIAL FERTILIZER: AVERAGE EXPENDITURE PER TON ($ ONLY) 13+12	COMMERCIAL FERTILIZER: AVERAGE NUMBER OF TONS PER FARM REPORTING (0.0) 12+11	LIMING MATERIALS: AVERAGE EXPENDITURE PER TON ($0.00) 16+15	LIMING MATERIALS: AVERAGE NUMBER OF TONS PER FARM REPORTING (0.0) 15+14
	1 2 3 4 5 6	7 8 9 10	11 12	13 14 15 16	17 18 19 20 21 22 23	24 25 26 27 28 29 30	31 32 33	34 35 36 37 38 39 40	41 42 43	1 2 3 4	5 6 7 8 9 10 11	12 13 14 15 16 17 18 19 20	21	22 23 24 25 26 27 28	29 30 31 32 33 34 35 36 37 38	39 40 41 42 43 44 45														
38			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
37	TOTAL																											

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 24 — Specified Farm Expenditures, By Color and Tenure of Operator

CARD D

INDICATOR: START 36 STOP 12

SORT: TENURE—COLOR
TENURE (COL. 74)
CODE:
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7. CROPPER
8. OTHER TENANT

COLOR (COL. 76)
CODE:
1. WHITE
2. NONWHITE

STATE

COUNTY

TABULATE ONLY CARDS WITH NO X IN 39, 43, 47, 51, 55, 59 62 OR 65
USE FRACTIONAL COUNTERS FOR TABULATING CARD COL. 57 AND X IN COL. 70

* CLEAR COUNTERS ON MAXIMUM READING
1/ USE ONLY ONE COUNTER POSITION
2/ USE ONLY 6 COUNTER POSITIONS
3/ USE ONLY 3 COUNTER POSITIONS
4/ USE ONLY 5 COUNTER POSITIONS

TABULATED	CHECKED	EXAMINED	
	ADDED	VERIFIED	
VERIFIED	COMPUTED	RECHECKED	
REVISED	VERIFIED	CHANGED COLUMNS READDED	

	SORT INDICATION STATE	CO.	T	C	MCD	FARMS *	EX-CESS	EXPENDITURES FOR FEED: FARMS REPORTING (38) NO X IN 39 70	AMOUNT, DOLLARS * (38) 39-42	EXPENDITURES FOR IMPLEMENTS AND MACHINERY: FARMS REPORTING (39) NO X IN 43 70	AMOUNT, DOLLARS * (39) 43-46	EXPENDITURES FOR GAS, OIL, ETC.: FARMS REPORTING (40) NO X IN 47 70	AMOUNT, DOLLARS * (40) 47-50	EXPENDITURES FOR BUILDING MATERIALS: FARMS REPORTING (41) NO X IN 51 70	AMOUNT, DOLLARS * (41) 51-54 3/	EXPENDITURES FOR COMMERCIAL FERTILIZER: FARMS REPORTING (42) NO X IN 55 OR 59 70	QUANTITY BOUGHT, TONS * (42) EIGHTHS 55-57	AMOUNT, DOLLARS (42) 58-61	EXPENDITURES FOR LIMING MATERIALS: FARMS REPORTING (43) NO X IN 63, 63, OR 65 70 3/	QUANTITY BOUGHT, TONS * (43) 62-64 3/	AMOUNT, DOLLARS (43) 65-68 3/	AVERAGE EXPENDITURE PER FARM REPORTING: FEED ($ ONLY) 4+3	IMPLEMENTS AND MACHINERY ($ ONLY) 6+5	GAS, OIL, ETC. ($ ONLY) 8+7	BUILDING MATERIALS ($ ONLY) 10+9	COMMERCIAL FERTILIZER: AVERAGE EXPENDITURE PER TON ($ ONLY) 13+12	COMMERCIAL FERTILIZER: AVERAGE NUMBER OF TONS PER FARM REPORTING (0.0) 12+11	LIMING MATERIALS: AVERAGE EXPENDITURE PER TON ($0.00) 16+15	LIMING MATERIALS: AVERAGE NUMBER OF TONS PER FARM REPORTING (0.0) 15+14
	1 2 3 4 5 6	7 8	9 10	11 12	13 14 15 16	17 18 19 20 21 22 23	24 25 26 27 28 29 30	31 32 33	34 35 36 37 38 39 40	41 42 43	1 2 3 4	5 6 7 8 9 10 11	12 13 14 15 16 17 18 19 20	21	22 23 24 25 26 27 28	29 30 31 32 33 34 35 36 37 38	39 40 41 42 43 44 45												
38				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
37	TOTAL																											
36	WHITE																											
35	NONWHITE																											
10	FULL OWNERS (T. 1)																											
9	PART OWNERS (T. 2)																											
8	MANAGERS (T. 3)																											
7	ALL TENANTS (T. 4-8)																											
6	WHITE TENANTS (C. 1, T. 4-8)																											
5	NONWHITE TENANTS (C. 2, T. 4-8)																											
4	CASH TENANTS (T. 4)																											
3	SHARE-CASH TENANTS (T. 5)																											
2	SHARE TENANTS (T. 6)																											
1	CROPPERS (T. 7)																											
0	OTHER TENANTS (T. 8)																											

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 25 — Family Labor for Specified Dates and Expenditures in 1939 for Hired Labor, by Color and Tenure of Operator

CARD D

INDICATOR: START 36 STOP 12

STATE _____

COUNTY _____

SORT: TENURE—COLOR

TENURE (COL. 74)
CODE:
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7. CROPPER
8. OTHER TENANT

COLOR (COL. 76)
CODE:
1. WHITE
2. NONWHITE

* CLEAR COUNTERS ON MAXIMUM READING
1/ USE ONLY 4 COUNTER POSITIONS
3/ USE ONLY 6 COUNTER POSITIONS

$

TABULATED	CHECKED	EXAMINED	
VERIFIED	ADDED	VERIFIED	
REVISED	COMPUTED	RECHECKED	
	VERIFIED	CHANGED COLUMNS READDED	

41	SORT INDICATION			FARMS*	EX-CESS	FAMILY LABOR FOR SPECIFIED DATES				ANY FARM LABOR FOR SPECIFIED DATES		CASH WAGES PAID																	
40	STATE	CO.	CODE T	CODE C		FARMS REPORTING		NUMBER OF PERSONS		FARMS REPORTING		FARMS REPORTING		FOR LABOR HIRED BY MONTH		FOR LABOR HIRED BY DAY OR WEEK		FOR OTHER LABOR (INCLUDING PIECE WORK AND CONTRACT LABOR)		FARMS REPORTING SPECIFIED EXPENDITURES		NUMBER OF FAMILY LABORERS PER FARM REPORTING		CASH WAGES PAID PER FARM REPORTING				
39	3-4	5-6	74	78	70	MARCH 24 TO 30, 1940 (37a)	SEPT. 24 TO 30, 1939 (37a)	MARCH 24 TO 30, 1940 (37a)	SEPT. 24 TO 30, 1939 (37a)	MARCH 24 TO 30, 1940 (37a,b,c,d)	SEPT 24 TO 30, 1939 (37a,b,c,d)	TOTAL (37b, c, d)	FOR LABOR BY MONTH ONLY (37b)	FARMS REPORTING (37b)	AMOUNT, DOLLARS* (37b)	FARMS REPORTING (37c)	AMOUNT, DOLLARS* (37c)	FARMS REPORTING (37d) 3/	AMOUNT, DOLLARS* (37d)	FARMS REPORTING	AMOUNT, DOLLARS*	MARCH 24 TO 30, 1940	SEPT. 24 TO 30, 1939	LABOR HIRED BY MONTH	LABOR HIRED BY DAY	OTHER HIRED LABOR	PERCENT OF ALL FARMS REPORTING SPECIFIED EXPENDITURES		
						NO X IN 13 20	NO X IN 14 70	13	14	NO X IN 15, 18, 23, OR 24 70	NO X IN 16, 17, 25, OR 26 3/ 70	NO X IN 19, 27 OR 35 70	NO X IN 18 & X IN 27 AND 35 70	NO X IN 18 70	19-22	NO X IN 27 70	27-30	NO X IN 28 3/ 70	35-38 3/	70	70	(0.0)	(0.0)	(5 ONLY)	(5 ONLY)	(5 ONLY)	(0.0%)		
38					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
37	TOTAL																												
36	WHITE																												
35	NONWHITE																												

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 26 — Hired Labor For Specified Dates, By Color and Tenure of Operator

CARD D

SUBTRACT FROM THE TABULATED FIGURES IN COLS. 17 TO 30 ANY DUPLICATIONS OF COUNTS DUE TO INCLUSION IN COUNTY OF BOTH PINK MASTER AND GREEN EXCESS CARDS.

INDICATOR: START 35 STOP 12

STATE _____

COUNTY _____

SORT: TENURE—COLOR

TENURE (COL. 74)
CODE:
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7. CROPPER
8. OTHER TENANT

COLOR (COL. 76)
CODE:
1. WHITE
2. NONWHITE

TABULATE ONLY CARDS WITH NO X IN 15, 17[illegible]
* CLEAR COUNTERS ON MAXIMUM READING
1/ USE ONLY 4 COUNTER POSITIONS
3/ USE ONLY 2 COUNTER POSITIONS

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TABULATED	CHECKED	EXAMINED	
VERIFIED	ADDED	VERIFIED	
REVISED	COMPUTED	RECHECKED	
	VERIFIED	CHANGED COLUMNS READDED	

41	SORT INDICATION			FARMS*	EX-CESS	HIRED LABOR FOR SPECIFIED DATES																							
40	STATE	CO.	CODE T	CODE C		FARMS REPORTING		FARMS REPORTING		HIRED BY MONTH (37b) NUMBER OF PERSONS		FARMS REPORTING		HIRED BY DAY OR WEEK (37c) NUMBER OF PERSONS		OTHER (INCLUDING PIECE WORK AND CONTRACT LABOR) (37d) FARMS REPORTING		NUMBER OF PERSONS		FARMS REPORTING LABOR: HIRED ON MONTHLY BASIS, MARCH 24 TO 30, 1940 (37b)				TOTAL HIRED LABORERS		NUMBER OF HIRED LABORERS PER FARM REPORTING		PERCENT OF ALL FARMS REPORTING HIRED LABOR			
39	3-4	5-6	74	78	70	MARCH 24 TO 30, 1940 (37b, c, d)	SEPT. 24 TO 30, 1939 (37b, c, d)	MARCH 24 TO 30, 1940	SEPT. 24 TO 30, 1939	MARCH 24 TO 30, 1940	SEPT. 24 TO 30, 1939	MARCH 24 TO 30, 1940	SEPT. 24 TO 30, 1939	MARCH 24 TO 30, 1940	SEPT. 24 TO 30, 1939	MARCH 24 TO 30, 1940	SEPT. 24 TO 30, 1939	MARCH 24 TO 30, 1940	SEPT. 24 TO 30, 1939	1 HIRED HELP	2 HIRED HELP	3 TO 9 HIRED HELP	10 OR MORE HIRED HELP	MARCH 24 TO 30, 1940	SEPT. 24 TO 30, 1939	MARCH 24 TO 30, 1940	SEPT. 24 TO 30, 1939	MARCH 24 TO 30, 1940	SEPT. 24 TO 30, 1939	
						NO X IN 15, 23, OR 31 70	NO X IN 17, 25, OR 32 70	NO X IN 18 1/ 70	NO X IN 17 70	15-16	17-18	NO X IN 33 70	NO X IN 35 70	23-24	25-26	NO X IN 31 70	NO X IN 33 70	31-32	33-34	70	70	70	3/ d 1-8 IN 15 OR NO X IN 15 & X IN 79 CC	70	70	(0.0)	(0.0)	(0.0%) RS 26 RS 25	(0.0%) RS 26 RS 25	
38					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
37					2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26		
36	TOTAL																														
35	WHITE																														
34	NONWHITE																														

BOTTOM PORTION SAME FOR RESULT SLIP NO. 25 AND RESULT SLIP NO. 26.

10	FULL OWNERS (T. 1)																														
9	PART OWNERS (T. 2)																														
8	MANAGERS (T. 3)																														
7	ALL TENANTS (T. 4-8)																														
6	WHITE TENANTS (C. 1, T. 4-8)																														
5	NONWHITE TENANTS (C. 2, T. 4-8)																														
4	CASH TENANTS (T. 4)																														
3	SHARE-CASH TENANTS (T. 5)																														
2	SHARE TENANTS (T. 6)																														
1	CROPPERS (T. 7)																														
0	OTHER TENANTS (T. 8)																														

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 38 STOP 5

RESULT SLIP NO. 27 — Horses, Mules, and Hogs, By MCD

CARD E

STATE _____

COUNTY _____

SORT: MCD (Col. 7-8)

* CLEAR COUNTERS ON MAXIMUM READING.
1/ USE ONLY 3 COUNTER POSITIONS.

SUBTRACT FROM THE TABULATED FIGURES IN COLS. 17 TO 24 ANY DUPLICATIONS OF COUNTS DUE TO INCLUSION IN COUNT OF BOTH PINK 'ASTER AND GREEN EXCESS CAROS

TABULATED	CHECKED	EXAMINED
	ADDED	VERIFIED
VERIFIED	COMPUTED	RECHECKED
REVISED	VERIFIED	CHANGED COLUMNS READDED

Row	Sort Indication: State (3-4)	Co. (5-6)	MCD (7-8)	Farms * (78)	Excess (X in 78 cc)	F. & horses, mules, cattle, sheep &/or hogs (51, 52, 53, 62, 66) No. X in 13, 17, 21, 52 or 73 / 78	F. & horses &/or mules (51, 52) No. X in 13 or 17 / 78	Horses and Colts: Over 3 months old — Farms reporting (51) No. X in 13 / 78	Horses and Colts: Over 3 months old — Number * (51) 13-14	Colts 3 to 27 mos. old — Farms reporting (51) No. X in 15 / 78	Colts 3 to 27 mos. old — Number (51) 15-16	Mules and Mule Colts: Over 3 months old — Farms reporting (52) No. X in 17 / 78	Mules and Mule Colts: Over 3 months old — Number * (52) 17-18	Mule colts 3 to 27 mos. old — Farms reporting (52) No. X in 19 / 78	Mule colts 3 to 27 mos. old — Number * (52) 19-20	Hogs and Pigs: Over 4 months old — Farms reporting (66) No. X in 72 / 78	Hogs and Pigs: Over 4 months old — Number * (66) 73-75	Sows & gilts farrowing — Farms reporting (67) No. X in 76 / 78	Sows & gilts farrowing — Number * (67) 76-77	Farms classified by number of sows reported (67): 1 sow (d 0 in 78 & d 1 in 77)	2 sows (d 0 in 78 & d 2 in 77)	3 sows (d 0 in 78 & d 3 in 77)	4 sows (d 0 in 78 & d 4 in 77)	5 to 9 sows (d 0 in 78 & d 5-9 in 77)	10 to 19 sows (d 1 in 78)	20 to 49 sows (d 2-4 in 78)	50 to 99 sows (d 5-9 in 78)	100 sows and over (No. X in 78 & 2 in 78 cc)	Per cent of all farms reporting horses and/or mules (R.S. 27 / R.S. 1 4+1) (0.0%)	Number per farm reporting: Horses and colts: Total of all ages over 3 months (0.0)	Horses and colts: 3 to 27 months of age (0.0)	Mules and mule colts: Total of all ages over 3 months (0.0)	Mules and mule colts: 3 to 27 months of age (0.0)	Per cent of all farms reporting hogs & pigs (0.0%)	Number of hogs and pigs per farm reporting (R.S. 27 / R.S. 1 13+1) 14+13	Ratio of sows and gilts farrowing to total hogs 16+14
41																																		
40																																		
39	3-4	5-6	7-8	78	X in 78 cc	No. X in 13, 17, 21, 52 or 73 / 78	No. X in 13 or 17 / 78	No. X in 13 / 78	13-14	No. X in 15 / 78	15-16	No. X in 17 / 78	17-18	No. X in 19 / 78	19-20	No. X in 72 / 78	73-75	No. X in 76 / 78	76-77	d 0 in 78 & d 1 in 77	d 0 in 78 & d 2 in 77	d 0 in 78 & d 3 in 77	d 0 in 78 & d 4 in 77	d 0 in 78 & d 5-9 in 77	d 1 in 78	d 2-4 in 78	d 5-9 in 78	No. X in 78 & 2 in 78 cc	(0.0%)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0%)	(0.0)	(0.0%)
	1 2 3 4 5 6	7 8 9	10 11	12 13 14 15	15 17 18 19	20 21 22 23 24 25 26	27 28 29 30 31 32 33	34 35 36 37 38 39 40	41 42 43	1 : 2 : 3	4 5 6	7 8 9 10 11	12 13 14	15 16 17 18	19 20 21	22 23 24 25 26 27	28 29 30	31 32 33	34 35 36 37 38 39	40 41 42	43 44 45	1	2	3	4	5	6	7	8	9	10	11	12	13	14
38			1	2	3	4		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
37	TOTAL																																			
5																																			
4																																			
3								UNIT PRICE	TOTAL VALUE								UNIT PRICE	TOTAL VALUE														UNIT PRICE	TOTAL VALUE		
2	HORSE COLTS 3 TO 27 MOS. OF AGE (Col. 8)							$ _____	$ _____			MULE COLTS 3 TO 27 MOS. OF AGE (Col. 12)								$ _____	$ _____									SOWS AND GILTS FARROWING (Col. 16)						$ _____	$ _____	
1	HORSES OVER 27 MOS. OF AGE (Col. 6-8)							_____	_____			MULES OVER 27 MOS. OF AGE (Col. 10-12)								_____	_____									OTHER HOGS OVER 4 MOS. OF AGE (Col. 14-16)						_____	_____	
0	TOTAL HORSES								_____			TOTAL MULES									_____									TOTAL HOGS							_____	

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 38 STOP 6

RESULT SLIP NO. 28 — Cattle and Dairy Products, By MCD

CARD E

STATE _____

COUNTY _____

SORT: MCD (Col. 7-8)

* CLEAR COUNTERS ON MAXIMUM READING.
1/ USE ONLY 3 COUNTER POSITIONS.
2/ USE ONLY 5 COUNTER POSITIONS.

$

TABULATED	CHECKED	EXAMINED
	ADDED	VERIFIED
VERIFIED	COMPUTED	RECHECKED
REVISED	VERIFIED	CHANGED COLUMNS READDED

Row	Sort Indication: State (3-4)	Co. (5-6)	MCD (7-8)	Farms * (78)	Excess (X in 78 cc)	Cattle and Calves: Over 3 months old — Farms reporting (53) No. X in 21 / 78	Cattle and Calves: Over 3 months old — Number * (53) 21-23	Cows and heifers 2 years old and over on January 1, 1940 — Number — Farms reporting (54a, b) No. X in 24 or 25 / 78	Cows and heifers 2 years old and over on January 1, 1940 — Number — Kept for milk (54a) 24-25 2/	Cows and heifers 2 years old and over on January 1, 1940 — Number — Kept for beef (54b) 26-28	Cows Milked and Dairy Products, 1939: Cows and heifers milked — Farms reporting (55) No. X in 29 / 78 1/	Cows and heifers milked — Number (55) 29-30	Milk produced — Gallons (56) 31-35	Butter churned — Farms reporting (57) No. X in 36 / 78	Butter churned — Pounds (57) 36-38	Whole milk sold — Farms reporting (58) No. X in 39 / 78	Whole milk sold — Gallons (58) 39-43	Cream sold — Farms reporting (59) No. X in 44 / 78	Cream sold — Pounds of butterfat * (59) 44-48	Butter sold — Farms reporting (60) No. X in 45 / 78	Butter sold — Pounds * (60) 49-51	Cattle and Calves: Percent of all farms reporting (0.0%)	Percent of cattle and calves: Number per farm reporting (0.0)	Percent of cattle and calves: Cows 2 years old and over kept for milk (0.0%)	Percent of cattle and calves: Cows 2 years old and over kept for beef (0.0%)	Gallons of milk produced per cow milked (0.0%)	Ratio of milk sold to milk produced 14+10	Amount of cream (U.S. of butterfat) sold per farm reporting 16+15	Ratio of butter sold to butter churned 18+12
41																													
40																													
39	3-4	5-6	7-8	78	X in 78 cc	No. X in 21 / 78	21-23	No. X in 24 or 25 / 78	24-25 3/	26-28	No. X in 29 / 78	29-30	31-35	No. X in 36 / 78	36-38	No. X in 39 / 78	39-43	No. X in 44 / 78	44-48	No. X in 45 / 78	49-51	(0.0%)	(0.0)	(0.0%)	(0.0%)	(0.0%)			(0.0%)
	1 2 3 4 5 6	7 8 9	10 11	12 13 14	15 16 17 18 19	20 21 22 23	24 25 26 27 28 29 30	31 32 33 34	35 36 37 38	39 40 41 42 43	1 - 2 3 4 5 6 7 8	9 10 11 12 13 14 15 16 17	18 19 20 21 22 23 24 25 26 27 28	29 30 31 32 33 34 35 36 37	38 39 40 41 42 43 44 45	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
38			1	2	3	4		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26							
37	TOTAL																																			
36																																			
5																																			
4								UNIT PRICE	TOTAL VALUE					UNIT PRICE	TOTAL VALUE																							
3	COWS AND HEIFERS KEPT FOR MILK (Col. 6)							$ _____	$ _____		MILK PRODUCED (Col. 10)			$ _____	$ _____	WHOLE MILK SOLD (Col. 14)						$ _____	$ _____													
2	COWS AND HEIFERS KEPT FOR BEEF (Col. 7)							_____	_____		BUTTER CHURNED (Col. 12)			_____	_____	CREAM (Lbs. OF BUTTERFAT) SOLD (Col. 16)						_____	_____													
1	OTHER CATTLE AND CALVES OVER 3 MOS. OF AGE (Col. 4 - (6+7))							_____	_____							BUTTER SOLD (Col. 18)						_____	_____													
0	TOTAL CATTLE AND CALVES OVER 3 MOS. OF AGE								_____							TOTAL DAIRY PRODUCTS SOLD							_____													

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 29 — Sheep and Lambs, and Sheep and Lambs Shorn, By MCD — CARD E

INDICATOR: START 36 STOP 6

STATE _____ SORT: MCD (COL. 7-8)

COUNTY _____

TABULATE ONLY CARDS WITH NO X IN 5 2,36,60,64 OR 68
* CLEAR COUNTERS ON MAXIMUM READING.
1/ USE ONLY 3 COUNTER POSITIONS.
2/ USE ONLY 2 COUNTER POSITIONS.

SUBTRACT FROM THE TABULATED FIGURES IN COLS 17 TO 24 ANY DUPLICATIONS OF COUNTS DUE TO INCLUSION IN COUNT OF BOTH PINK MASTER AND GREEN EXCESS CARDS.

FARMS REPORTING 2,500 OR MORE SHORN MAY BE OBTAINED BY SUBTRACTING THE SUM OF FARMS REPORTING SHEEP AND LAMBS SHORN FOR THE SPECIFIED GROUPS FROM THE TOTAL FARMS REPORTING SHEEP AND LAMBS SHORN.

TABULATED		CHECKED	EXAMINED
VERIFIED		ADDED	VERIFIED
REVISED		COMPUTED	RECHECKED
		VERIFIED	CHANGED COLUMNS READDED

	SORT INDICATION STATE	CO.	MCD	FARMS*	EXCESS	SHEEP AND LAMBS: OVER 6 MONTHS OLD — FARMS REPORTING	NUMBER	SHEEP AND LAMBS: EWES — FARMS REPORTING	YEARLING EWES — FARMS REPORTING	YEARLING EWES — NUMBER	OTHER EWES — FARMS REPORTING	OTHER EWES — NUMBER*	SHEEP AND LAMBS SHORN: FARMS REPORTING	NUMBER SHORN*	WOOL SHORN, POUNDS
40															
39															
38						(62)	(62)	(63, 64)	(63)	(63)	(64)	(64)	(65)	(65)	(65)
37	3-4	5-6	7-8	78	X IN 78 CC	NO X IN 12 1/ 78	52-55	NO X IN 56 OR 66 78	NO X IN 56 78	56-59	NO X IN 60 78	60-63	NO X IN 64 78	64-67	68-72
	1 2 3 4 5 6	7 8 9	10 11	12 13 14 15 16 17 18 19 20 21	22 23 24	25 26 27 28 29 30 31 32	33 34 35 36 37 38 39 40	41 42 43	1 2 3 4 5	6 7 8 9 10 11	12 13 14	15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30 31 32	33 34 35 36 37 38 39	40 41 42 43 44 45
36			1	2	3	4		5	6	7	8	9	10	11	12
35	TOTAL														
34															

	SHEEP AND LAMBS — NO X IN 32: WITH NO EWES — X IN 56 AND 80 — FARMS REPORTING	SHEEP ON HAND*	WITH NO SHEEP SHORN — X IN 64 — FARMS REPORTING	SHEEP ON HAND*	FARMS CLASSIFIED BY NUMBER OF SHEEP AND LAMBS SHORN (65): UNDER 100 — d 0 IN 64 AND 65 — UNDER 10	10 TO 24	25 TO 49	50 TO 99	UNDER 1000 — d 0 IN 64 — 100 TO 299	300 TO 599*	600 TO 999*	1,000 TO 2,499*	SHEEP AND LAMBS: PERCENT OF ALL FARMS REPORTING	NUMBER PER FARM REPORTING	RATIO TO TOTAL SHEEP AND LAMBS: YEARLING EWES	OTHER EWES	SHEEP AND LAMBS SHORN	POUNDS OF WOOL PER SHEEP SHORN		
40																				
39																				
38	(62)	(62)	(62)	(62)	d 0 IN 64	d 1 OR 66, OR d 2 IN 64 & d 0-4 IN 67	d 2 IN 64 & d 5-9 IN 67, OR d 3-4 IN 66	d 5-9 IN 66	d 1-2 IN 65	d 3-5 IN 65	d 6-9 IN 65	d 1 IN 64 OR d 2 IN 64 & d 0-4 IN 65	(0.0*)	(0.0)	(0.0*)	(0.0*)	(0.0*)	(0.0)		
37	70 2/	52-55	78	52-55	78	78	78	78	78	78	78	78	RS 25 RS 1	3 + 1	4 + 3	7 + 4	9 + 4	11 + 4	12+11	
	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28 29 30 31 32	33 34 35 36 37 38 39	40 41 42 43 44 45														
36	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
35																				
34																				

7				
6				
5				
4		UNIT PRICE	TOTAL VALUE	UNIT PRICE / TOTAL VALUE
3	YEARLING EWES (COL. 7)	$ _____	$ _____	WOOL SHORN (COL. 12) $ _____ $ _____
2	OTHER EWES (COL. 9)	_____	_____	
1	OTHER SHEEP AND LAMBS OVER 6 MOS. OLD COL. 4-(7+9)	_____	_____	
0	TOTAL SHEEP AND LAMBS OVER 6 MOS OLD	_____	_____	

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 38 STOP 1

RESULT SLIP NO. 30 — Cows Milked and Dairy Products, By Number of Cows Milked and Farms Reporting Cattle and Calves, Classified By Number Kept — CARD E

STATE _____

COUNTY _____

SORT: NUMBER OF COWS MILKED (COL. 28-30)

CODE:
X — NONE
01 — 1 COW
02 — 2 COWS
03 — 3 COWS
04 — 4 COWS
05-09 — 5 TO 9 COWS
10-14 — 10 TO 14 COWS
15-19 — 15 TO 19 COWS
20-29 — 20 TO 29 COWS
30-49 — 30 TO 49 COWS
50-74 — 50 TO 74 COWS
75-99 — 75 TO 99 COWS
100-199 — 100 TO 199 COWS
200 + — 200 COWS AND OVER
ENTER CODES BY HAND

* CLEAR COUNTERS ON MAXIMUM READING.
1/ USE ONLY 4 COUNTER POSITIONS
2/ USE ONLY 3 COUNTER POSITIONS

SUBTRACT FROM THE TABULATED FIGURES IN COL. 16 TO 20 ANY DUPLICATIONS OF COUNTS DUE TO INCLUSION IN COUNT OF BOTH PINK MASTER AND GREEN EXCESS CARDS.

TABULATED		CHECKED	EXAMINED
VERIFIED		ADDED	VERIFIED
REVISED		COMPUTED	RECHECKED
		VERIFIED	CHANGED COLUMNS READDED

	SORT INDICATION STATE	CO.	COWS MILKED	FARMS*	EXCESS	COWS MILKED AND DAIRY PRODUCTS, 1939: COWS AND HEIFERS MILKED, NUMBER*	MILK PRODUCED, GALLONS	BUTTER CHURNED — FARMS REPORTING	BUTTER CHURNED — POUNDS	WHOLE MILK SOLD — FARMS REPORTING	WHOLE MILK SOLD — GALLONS	CREAM SOLD — FARMS REPORTING	CREAM SOLD — POUNDS OF BUTTERFAT	BUTTER SOLD — FARMS REPORTING	BUTTER SOLD — POUNDS	FARMS REPORTING MILK, CREAM, AND/OR BUTTER SOLD	COWS KEPT FOR MILK: FARMS REPORTING	NUMBER*
41																		
40						(55)	(56)	(57)	(57)	(58)	(58)	(59)	(59)	(60)	(60)	(58, 59, 60) NO X IN 26, 34 OR 42 3/	(54a)	(54a)
39	3-4	6-8	29-30	78	X IN 78 CC	29-30 1/	31-38	NO X IN 38 78	38-38	NO X IN 70 78	39-43	NO X IN 66 78	44-48	NO X IN 68 78	49-51	78	NO X IN 52 78	24-25
	1 2 3 4 5 6	7 8 9	10	11 12 13 14 15 16 17 18 19 20 21 22 23		24 25 26 27 28 29 30 31 32	33 34 35 36 37 38 39 40 41 42 43	1 2 3 4 5 6 7 8 9 10	11 12 13 14 15 16 17 18 19	20 21 22 23	24 25 26 27 28 29 30	31 32 33 34 35 36 37 38 39	40 41 42 43 44 45						
38			1	2		3	4	5	6	7	8	9	10	11	12	13	14	15
37	TOTAL																	
36																		
35																		

	FARMS CLASSIFIED BY NUMBER OF CATTLE AND CALVES (54): OVER 100 — d 0 IN 21 — UNDER 10	10 TO 24	25 TO 49	50 TO 99	100 TO 199	FARMS REPORTING COWS KEPT FOR BEEF		GALLONS OF MILK PRODUCED PER COW MILKED	RATIO OF FARMS REPORTING ANY SALES OF DAIRY PRODUCTS TO TOTAL FARMS IN THIS GROUP (0.0%)	RATIO OF MILK SOLD TO MILK PRODUCED (0.0%)	RATIO OF COWS MILKED TO COWS KEPT FOR MILK (%)	RATIO OF BUTTER SOLD TO BUTTER CHURNED (0.0%)	AMOUNT OF CREAM (LB. OF BUTTERFAT) SOLD PER FARM REPORTING
41													
40													
39	d 0 IN 22	d 1-2 IN 21	d 3-5 IN 21	d 6-9 IN 21	d 10 IN 21	78	NO X IN 26	4 + 3	13 + 1	0 + 4	3 + 15	12 + 6	10 + 9
	16	17	18	19	20	21	22	23	24	25	26	27	28
38													
37													
36													
35													

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE 1940

RESULT SLIP NO. 31 — Farm Slaughter and Goats, By MCD

CARD F

INDICATOR: START 37 STOP 6

STATE _____ SORT: MCD (COLS. 7-8)

COUNTY

* CLEAR COUNTERS ON MAXIMUM READING
1/ USE ONLY 3 COUNTER POSITIONS

TABULATED		CHECKED	EXAMINED
VERIFIED		ADDED	VERIFIED
VERIFIED		COMPUTED	RECHECKED
REVISED		VERIFIED	CHANGED COLUMNS READDED

	SORT INDICATION STATE CO MCD	FARMS*	EXCESS	FARM SLAUGHTER (68)										GOATS, MOHAIR, AND GOATS MILKED																					
				FARMS REPORTING	CATTLE AND CALVES BUTCHERED					HOGS BUTCHERED (-3)		SHEEP LAMBS BUTCH. (-4)		GOATS AND KIDS OVER 4 MONTHS OLD				MOHAIR & KID HAIR CLIPPED		ANGORA GOATS, NO MOHAIR CLIPPED NO X IN 21 X IN 29		GOATS MILKED		RATIO OF ALL FARMS REPORTING ANY SLAUGHTER	RATIO OF FARMS REPORTING HOGS BUTCHERED TO FARMS REPORTING TOTAL HOGS	NUMBER SLAUGHTERED PER FARM REPORTING				NUMBER OF GOATS PER FARM REPORTING	POUNDS OF MOHAIR PER ANGORA GOAT
					FARMS REPORTING	CATTLE (-1)		CALVES (-2)		FARMS REPORTING	NUMBER*	FARMS REPORTING	NUMBER	FARMS REPORTING	ANGORA		OTHER	FARMS REPORTING	POUNDS	FARMS REPORTING	NUMBER	FARMS REPORTING	NUMBER			CATTLE	CALVES	HOGS AND PIGS	SHEEP AND LAMBS		
						FARMS REPORTING	NUMBER	FARMS REPORTING	NUMBER						FARMS REPORTING	NUMBER*	FARMS REPORTING	NUMBER*															
41	STATE CO MCD																																	
40																																		
39														(69)	(69)	(69)	(69)	(69)	(70)	(70)		(69)	(71)	(71)										
38	3-4 5-6 7-8	60	CC	60 1/	60	60	13-14	60	15-16	60	17-18	60 1/	19-20	60	60	21-24	60	25-28	60	29-33	60	21-24	60	34-35	RS 31	RS 1	RS 31	RS 37						
	1 2 3 4 5 6	7 8 9	10 11	12 13 14 15	16 17 18	19 20 21	22 23 24 25	26 27 28	29 30 31 32	33 34 35	36 37 38 39	40 41 42 43	1 2 3 4	5 6 7	8 9 10	11 12 13 14	15 16 17	18 19 20 21 22 23	24 25 26	27 28 29 30 31 32	33 34 35	36 37 38 39	40 41	42 43 44 45	3÷1	9÷13	6÷5	8÷7	10÷9	12÷11	--13	19÷15				
37		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
36	TOTAL																																		

5													
4		UNIT PRICE	TOTAL VALUE			UNIT PRICE	TOTAL VALUE			UNIT PRICE	TOTAL VALUE		
3	CATTLE BUTCHERED (COL. 6)	$	$	HOGS AND PIGS BUTCHERED	(COL. 10)	$	$	ANGORA GOATS OVER 4 MO. OLD	(COL. 15)	$	$		
2	CALVES BUTCHERED (COL. 8)			SHEEP AND LAMBS BUTCHERED	(COL. 12)			OTHER GOATS OVER 4 MO. OLD	(COL. 17)				
1	TOTAL			TOTAL (CATTLE, CALVES, HOGS & PIGS, SHEEP & LAMBS)				TOTAL GOATS OVER 4 MO. OLD					
0								MOHAIR CLIPPED	(COL. 19)				

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 32 — Livestock Purchases and Sales, By MCD

CARD F

INDICATOR: START 38 STOP 5

STATE _____ SORT: MCD (COLS. 7-8)

COUNTY

* CLEAR COUNTERS ON MAXIMUM READING
1/ USE ONLY 3 COUNTER POSITIONS

TABULATED		CHECKED	EXAMINED
VERIFIED		ADDED	VERIFIED
VERIFIED		COMPUTED	RECHECKED
REVISED		VERIFIED	CHANGED COLUMNS READDED

	SORT INDICATION STATE	CO.	MCD	FARMS*	EXCESS	FARMS REPORTING PURCHASES &/OR SALES (72, 73)	PURCHASES (72)										SALES (73)																	
							FARMS REPORTING	CATTLE AND CALVES				HOGS (-3)		SHEEP AND LAMBS (-4)		FARMS REPORTING	CATTLE AND CALVES				HOGS (-3)		SHEEP AND LAMBS (-4)		PERCENT OF ALL FARMS REPORTING PURCHASES AND/OR SALES OF SPECIFIED LIVESTOCK	NUMBER PURCHASED PER FARM RPTG.			NUMBER SOLD PER FARM REPORTING			
								FARMS REPORTING	CATTLE (-1)		CALVES (-2)		FARMS REPORTING	NUMBER*	FARMS REPORTING	NUMBER*		FARMS REPORTING	CATTLE (-1)		CALVES (-2)		FARMS REPORTING	NUMBER*	FARMS REPORTING	NUMBER*		CATTLE AND CALVES	HOGS AND PIGS	SHEEP AND LAMBS	CATTLE AND CALVES	HOGS AND PIGS	SHEEP AND LAMBS
									FARMS REPORTING	NUMBER*	FARMS REPORTING	NUMBER*							NUMBER*		NUMBER*													
41	STATE	CO.	MCD																															
40																																		
39	3-4	5-6	7-8	60	CC		60	60	60	35-38	60	39-41	60	42-44	60	45-47		60 1/	60 1/	60	46-50	60	51-53	60	54-56	60	57-59	(0.0%) RS 32	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
	1 2	3 4	5 6	7 8 9	10	11 12 13	14 15 16	17 18 19	20 21 22	23 24 25 26	27 28 29	30 31 32 33	34 35 36	37 38 39 40	41 42 43	1 2 3 4 5	6 7 8 9	10 11 12 13	14 15 16	17 18 19 20	21 22 23 24	25 26 27 28 29	30 31 32	33 34 35 36 37	38 39 40	41 42 43 44 45	3÷1	7+9)÷5	11÷10	13÷12	(17+19)÷15	21÷20	23÷22	
38				1	2	3	4	5	6	7	8	9	10	11	12	13		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
37	TOTAL																																	

4													
3		UNIT PRICE	TOTAL VALUE			UNIT PRICE	TOTAL VALUE			UNIT PRICE	TOTAL VALUE		
2	CATTLE BOUGHT (COL. 7)	$	$	HOGS AND PIGS BOUGHT	(COL. 11)	$	$	CATTLE SOLD (COL. 17)	$	$	HOGS AND PIGS SOLD	(COL. 21)	$	$
1	CALVES BOUGHT (COL. 9)			SHEEP AND LAMBS BOUGHT	(COL. 13)			CALVES SOLD (COL. 19)			SHEEP AND LAMBS SOLD	(COL. 23)		
0	TOTAL			TOTAL (CATTLE, CALVES, HOGS & PIGS, SHEEP & LAMBS)				TOTAL			TOTAL (CATTLE, CALVES, HOGS & PIGS, SHEEP & LAMBS)			

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 33 — Chickens and Turkeys, By MCD

CARD G

INDICATOR: START 36 STOP 3

STATE

COUNTY

SORT: MCD (COLS. 7-8)

* CLEAR COUNTERS ON MAXIMUM READING
1/ USE ONLY 3 COUNTER POSITIONS

SUBTRACT FROM TABULATED FIGURES IN COLS. 18 TO 21 ANY DUPLICATIONS OF COUNTS DUE TO INCLUSION IN COUNTS OF BOTH PINK MASTER AND GREEN EXCESS CARDS.

FARMS REPORTING 3,500 AND OVER MAY BE OBTAINED BY SUBTRACTING THE SUM OF FARMS REPORTING TURKEYS RAISED FOR THE SPECIFIED GROUPS FROM TOTAL FARMS REPORTING TURKEYS RAISED

TABULATED		CHECKED		EXAMINED
VERIFIED		ADDED		VERIFIED
REVISED		COMPUTED		RECHECKED
		VERIFIED		CHANGED COLUMNS READDED

	SORT INDICATION STATE	CO.	MCD	FARMS *	CC	CHICKENS: ON HAND — FARMS REPORTING	ON HAND — NUMBER *	RAISED — FARMS REPORTING	RAISED — NUMBER *	SOLD — FARMS REPORTING	SOLD — NUMBER	EGGS PRODUCED — FARMS REPORTING	EGGS PRODUCED — DOZENS *	TURKEYS (76): ON HAND OVER 4 MONTHS OLD — FARMS REPORTING	ON HAND OVER 4 MONTHS OLD — NUMBER *	RAISED — FARMS REPORTING	RAISED — NUMBER *	FARMS CLASSIFIED BY NUMBER OF TURKEYS RAISED (76): UNDER 50	50 TO 99	100 TO 199	200 TO 399	400 TO 799	800 TO 1,999	2,000 TO 3,199	3,200 AND OVER	ANY POULTRY: ON HAND, FARMS REPORTING	RAISED, FARMS REPORTING	NUMBER OF CHICKENS ON HAND PER FARM REPORTING	RATIO OF FARMS REPORTING CHICKENS RAISED TO FARMS REPORTING CHICKENS ON HAND	RATIO OF CHICKENS RAISED TO CHICKENS ON HAND	RATIO OF CHICKENS SOLD TO CHICKENS RAISED	RATIO OF FARMS REPORTING EGGS PRODUCED TO FARMS REPORTING CHICKENS ON HAND	EGGS PRODUCED PER CHICKEN ON HAND (DOZENS)	RATIO OF TURKEYS RAISED TO TURKEYS ON HAND	PERCENT OF ALL FARMS REPORTING ANY POULTRY ON HAND
40																																				
39						(75)	(75)	(75)	(75)	(79)	(79)	(80)	(80)																							
38				X IN 44																																
37	3-4	5-6	7-8	77 1/	CC	NO X IN 17 1/ 77	13-16	NO X IN 17 1/ 77	17-20	NO X IN 45 77	45-48	NO X IN 48 77	49-53	NO X IN 21 77	21-24	NO X IN 25 77	25-28	d 0 IN 25 & 29 & d 6-9 IN 27	d 0 IN 25 & 29 & d 5-9 IN 27	d 0 IN 25 & 29 & d 1-2 IN 27	d 0 IN 25 & 29 & d 3 IN 27	d 0 IN 25 & 29 & d 4-5 IN 27	d 0 IN 25 & 29 & d 6-9 IN 27 OR d 0 IN 26 & d 6-9 IN 26	d 0 IN 25 & 29 & d 0-5 IN 25 OR d 0 IN 26 & d 0-5 IN 26 OR d 1 IN 25 & d 0-1 IN 27	(75-79) NO X IN 15, 21 OR 39, OR 2 IN 44 & NO X IN 59	(75-79) NO X IN 17, 23 OR 43, OR 2 IN 44 & NO X IN 59	4 ÷ 3	5 ÷ 3	6 ÷ 4	8 ÷ 6	9 ÷ 3	10 ÷ 4	14 ÷ 12	RS ≥ RS 1 22 ÷ 1
	1 2	3 4	5 6	7 8 9 10	11	12 13 14 15	16 17 18 19 20 21	22 23 24 25 26 27	28 29 30 31	32 33 34	35 36 37 38 39 40	41 42 43	1 2 3 4 5 6 7	8 9 10	11 12 13 14 15	16 17 18	19 20 21 22 23	24 25 26	27 28 29	30 31	32 33	34 35	36 37 38	39 40 41	42 43 44 45												
36				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
35	TOTAL																																			
4																																				
3																																				
2																																				
1	UNIT PRICE			$		XXX	$	XXX	$	XXX	$	XXX	$	XXX	$	XXX	$																			
0	TOTAL VALUE			$		XXX	$	XXX	$	XXX	$	XXX	$	XXX	$	XXX	$																			

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 34 — Bees, Honey, and Fur Animals and Pelts, By MCD

CARD G

INDICATOR: START 39 STOP 5

STATE

COUNTY

SORT: MCD (COL. 7-8)

TABULATE ONLY CARDS PUNCHED NO X IN COL. 54, 57, 60, 65, 68, 71 OR 74

* CLEAR COUNTERS ON MAXIMUM READING (MINOR TOTALS ONLY)
1/ SHOW BOTH COUNTY TOTALS AND TOTALS FOR INDICATED SORTS
2/ USE ONLY 2 COUNTER POSITIONS
3/ USE ONLY 3 COUNTER POSITIONS

TABULATED		CHECKED		EXAMINED
VERIFIED		ADDED		VERIFIED
REVISED		COMPUTED		RECHECKED
		VERIFIED		CHANGED COLUMNS READDED

	SORT INDICATION STATE	CO.	MCD	FARMS 1/	TR CC	BEES AND HONEY: BEES — FARMS REPORTING BEES AND/OR HONEY	BEES — FARMS REPORTING	BEES — OWNED BY OPERATOR — FARMS REPORTING	BEES — OWNED BY OPERATOR — NUMBER OF HIVES *	BEES — OWNED BY OTHERS — FARMS REPORTING	BEES — OWNED BY OTHERS — NUMBER OF HIVES *	HONEY — FARMS REPORTING	HONEY — POUNDS	BEES OWNED BY OPERATOR AND HONEY PRODUCED - - NO X IN 57 AND 60: FARMS REPORTING	NUMBER OF HIVES	HONEY, POUNDS	FUR ANIMALS AND PELTS: FARMS REPORTING	SILVER FOX — FEMALES — FARMS REPORTING	SILVER FOX — FEMALES — NUMBER *	SILVER FOX — PELTS — FARMS REPORTING	SILVER FOX — PELTS — NUMBER	MINK — FARMS REPORTING	MINK — FEMALES — FARMS REPORTING	MINK — FEMALES — NUMBER *	MINK — PELTS — FARMS REPORTING	MINK — PELTS — NUMBER	HIVES OF BEES: NUMBER OWNED BY OPERATOR PER FARM REPORTING	NUMBER OWNED BY OTHERS PER FARM REPORTING	POUNDS OF HONEY PRODUCED PER HIVE OF BEES
41																													
40						(82, 83)	(82a, b)	(82b)	(82b)	(82a)	(82a)	(83)	(83)	(82b, 83)	(82b)	(83)	(84, 85)	(84, 85)	(84)	(85)	(84, 85)	(84)	(84)	(85)					
39				X IN 44		NO X IN 54, 57 OR 60	NO X IN 54 OR 57	NO X IN 57	57-59	NO X IN 54	54-56	NO X IN 58	60-64		57-59	60-64	NO X IN 65, 71 OR 74	NO X IN 65 OR 71	NO X IN 65	NO X IN 71	NO X IN 65 OR 71								
38	3-4	5-6	7-8	77	CC	77	77	77	57-59	77	54-56	77	60-64	77 2/	57-59	60-64	77 2/	77 2/	77 2/	65-67	77 2/	71-73	77 2/	77	68-70	77	74-76			
	1 2	3 4	5 6	7 8 9	10	11 12 13	14 15 16	17 18 19	20 21 22 23	24 25 26	27 28 29 30	31 32 33	34 35 36 37 38 39	40 41 42 43	1 1 2 3 4	5 6 7 8 9 10	11 12 13	14 15 16	17 18 19	20 21 22 23	24 25 26	27 28 29	30 31 32 33	34 35	36 37 38 39	40 41	42 43 44 45	6+5	8+7	13+12							
37				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
36	TOTAL																																			
3																																				
2							UNIT PRICE	TOTAL VALUE							UNIT PRICE	TOTAL VALUE					UNIT PRICE	TOTAL VALUE															
1	BEES (cols. 6+8)					$	$	SILVER FOX FEMALES (col. 17)						$	$	MINK FEMALES (col. 22)					$	$															
0	HONEY PRODUCED (col. 10)							SILVER FOX PELTS TAKEN (col. 19)								MINK PELTS TAKEN (col. 24)																				

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 39 STOP 4

STATE _____
COUNTY _____

RESULT SLIP NO. 35 — Ducks, Geese, Guineas, Pigeons, and Other Miscellaneous Poultry, By MCD

CARD G

SORT: MCD (COL. 7-9)

ITEM: OTHER POULTRY (COL. 43)
CODE:
1. GEESE
2. GUINEAS
3. PIGEONS
4. QUAIL
5. PHEASANTS
6. ALL OTHER

TABULATE ONLY CARDS PUNCHED NO X IN COL. 29, 33, 37, OR 40.
* CLEAR COUNTERS ON MAXIMUM READING.
1/ SHOW BOTH COUNTY TOTALS AND TOTALS FOR INDICATED SORTS.
2/ USE ONLY 3 COUNTER POSITIONS

$

TABULATED	CHECKED		EXAMINED
	ADDED		VERIFIED
VERIFIED	COMPUTED		RECHECKED
REVISED	VERIFIED		CHANGED COLUMNS READDED

41	SORT INDICATION			FARMS * 1/	TR. & EX.	DUCKS					GEESE--d 1 IN 43					GUINEAS--d 2 IN 43					PIGEONS--d 3 IN 43					OTHER POULTRY (NO. OF KINDS REPORTED) 2-6 OR 1 IF QUAIL ONLY 7 IF NONE		RATIO OF DUCKS RAISED TO DUCKS ON HAND	RATIO OF GEESE RAISED TO GEESE ON HAND	COUNTY TOTALS		
	STATE	CO.	MCD			FARMS REPORTING	ON HAND		RAISED		FARMS REPORTING	ON HAND		RAISED		FARMS REPORTING	ON HAND		RAISED		FARMS REPORTING	ON HAND		RAISED						OTHER POULTRY (TO BE ENTERED FROM SCHEDULE)	ON HAND	RAISED
40				X IN 44			FARMS REPORTING	NUMBER	FARMS REPORTING	NUMBER *		FARMS REPORTING	NUMBER	FARMS REPORTING	NUMBER *		FARMS REPORTING	NUMBER	FARMS REPORTING	NUMBER *		FARMS REPORTING	NUMBER	FARMS REPORTING	NUMBER *				(0.0%)	(0.0%)			
39	3-4	5-6	7-8	77	CC	77 2/	(77)	29-32	(77)	33-36	77	(78)	37-39	(78)	40-42	77	(78)	37-39	(78)	40-42	77	(78)	37-39	(78)	40-42	77		7÷5	12÷10			
38				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
37	TOTAL																													QUAIL:		
36																														FARMS REPORTING ON HAND AND/OR RAISED		
35																														FARMS REPORTING		
34																														NUMBER		
33																														UNIT PRICE $		
32																														TOTAL VALUE $		
31																														PHEASANTS.		
30																														FARMS REPORTING ON HAND AND/OR RAISED		
29																														FARMS REPORTING		
28																														NUMBER		
27																														UNIT PRICE $		
26																														TOTAL VALUE $		
25																														OTHER POULTRY:		
24																														FARMS REPORTING ON HAND AND/OR RAISED		
23																														FARMS REPORTING		
22																														NUMBER		
21																														UNIT PRICE $		
20																														TOTAL VALUE $		
2																																
1				UNIT PRICE	$	XXX	$	XXX	XXX	$	XXX	$	XX	XX	$	XX	$	XX	XX	$	XX	$	XXX								
0				TOTAL VALUE	$	XXX	$	XXX	XXX	$	XXX	$	XX	XX	$	XX	$	XX	XX	$	XX	$	XXX								

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 37 STOP 1

STATE _____
COUNTY _____

RESULT SLIP NO. 36 — Chickens, By Size of Flock

CARD G

SORT: SIZE OF FLOCK (COL. 13-16)
CODE:

0001 - 0024	---	UNDER 25 CHICKENS	
0025 - 0049	---	25 TO 49 CHICKENS	
0050 - 0099	---	50 TO 99 CHICKENS	
0100 - 0199	---	100 TO 199 CHICKENS	
0200 - 0399	---	200 TO 399 CHICKENS	
0400 - 0699	---	400 TO 699 CHICKENS	
0700 - 0799	---	700 TO 799 CHICKENS	
0800 - 0999	---	800 TO 999 CHICKENS	
1000 - 1599	---	1000 TO 1599 CHICKENS	
1600 - 2499	---	1600 TO 2498 CHICKENS	
2500 - 3199	---	2500 TO 3199 CHICKENS	
3200 +	---	3200 AND OVER	

* CLEAR COUNTERS ON MAXIMUM READING.
a (X IN 13 AND NO X IN 17) — NONE WITH CHICKENS RAISED
b (X IN 13 AND 17, AND NO X IN 21, 25, 29, 33, 37, OR 40) — NONE WITH NO CHICKENS RAISED BUT WITH OTHER POULTRY ON HAND OR RAISED
c (X IN 13, 17, 21, 25, 29, 33, 37, AND 40) — NO POULTRY ON HAND OR RAISED
ENTER CODES BY HAND

SUBTRACT FROM TABULATED FIGURES IN COLS 10 TO 18 ANY DUPLICATIONS OF COUNTS DUE TO INCLUSION IN COUNT OF BOTH PINK MASTER AND GREEN EXCESS CARDS.

$

TABULATED	CHECKED		EXAMINED
	ADDED		VERIFIED
VERIFIED	COMPUTED		RECHECKED
REVISED	VERIFIED		CHANGED COLUMNS READDED

41	SORT INDICATION			FARMS*	TR. AND EX.	CHICKENS ON HAND, NUMBER	CHICKENS RAISED		CHICKENS SOLD		EGGS PRODUCED		FARMS CLASSIFIED BY NUMBER OF CHICKENS RAISED (75)								FARMS REPORTING TURKEYS ON HAND AND/OR RAISED	NUMBER OF CHICKENS ON HAND PER FARM REPORTING	RATIO OF FARMS REPORTING CHICKENS RAISED TO FARMS REPORTING CHICKENS ON HAND	RATIO OF CHICKENS RAISED TO CHICKENS ON HAND	RATIO OF CHICKENS SOLD TO CHICKENS RAISED	RATIO OF FARMS REPORTING EGGS PRODUCED TO FARMS REPORTING CHICKENS ON HAND	EGGS PRODUCED PER CHICKEN ON HAND (DOZENS)		
	STATE	CO.	SIZE OF FLOCK				FARMS REPORTING	NUMBER	FARMS REPORTING	NUMBER	FARMS REPORTING	DOZENS	UNDER 100 - d 0 IN 17 AND 18			100 TO 199	200 TO 399	400 TO 799	800 TO 1,599	1,600 TO 3,199 *	3,200 AND OVER *								
40					NO X IN 44 OR X IN 77	(75)	(75)	(75)	(79)	(79)	(80)	(80)	UNDER 25	25 TO 49	50 TO 99				d a IN 17, a d 5 IN 18 OR d 1 IN 16, OR d 5 IN 17 OR d 0-5 IN 13	d 1 IN 17 a d 6-9 IN 13, OR d 2 IN 16, OR d 6 IN 17 a d 0-4 IN 13	d a IN 17, a d 2-5 IN 16, OR d 3 IN 17, a d 0-5 IN 13								
39				X IN 44									d a IN 19; OR d 2 IN 19 a d 0-5 IN 20	d 2 IN 19, a d 5-9 IN 20, OR d 3-4 IN 19	d 5-9 IN 19	d a IN 17, a d 1 IN 18	d a IN 17, a d 2 IN 18	d a IN 17, a d 3 IN 18	d a IN 17, a d 4 IN 18	d 0-5 IN 16, OR d 5 IN 17 a d 0-5 IN 13	d a IN 17, a d 6-9 IN 13, OR d 2 IN 16, OR d 6 IN 17 a d 0-4 IN 13	d a IN 17, a d 2-5 IN 16, OR d 3 IN 17, a d 0-5 IN 13								
38	3-4	5-6	13-16	77	CC	13-16	77	17-20	77	45-48	77	49-53	77	77	77	77	77	77	77	77	CC	77	3÷1	4÷1	5÷3	7÷5	8÷1	9÷3		
	1 2	3 4	5 6 7 8	9	10 11 12	13 14 15 16 17 18 19 20 21	22 23 24 25	26 27 28 29 30 31 32	33 34 35 36	37 38 39 40 41 42 43	1 2 3 4	5 6 7 8 9 10 11 12	13 14 15 16	17 18 19 20 21	22 23 24	25 26 27 28	29 30 31	32 33 34	35 36 37 38	39 40 41	42 43 44 45										
37				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
36	TOTAL																														

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

INDICATOR: START 30 STOP 3

RESULT SLIP NO. 37 — Corn, By MCD

CARD H - ITEM 1

SORT: IRRIGATION-MCD
IRRIGATION (COL. 23)
(IRRIGATION SORT FOR REGIONS 5, 6, 7, 8 AND 9 ONLY)
MCD (COL. 7-8)

CODE:
X. NO IRRIGATION REPORTED
1. WHOLLY IRRIGATED
2 PARTLY IRRIGATED

TABULATE ONLY CARDS PUNCHED 01 IN 13

* CLEAR COUNTERS ON MAXIMUM READING

STATE _____

COUNTY _____

TABULATED
VERIFIED
REVISED

SUBTRACT FROM TABULATED FIGURES IN COLS. 3 TO 13 ANY DUPLICATIONS OF COUNTS DUE TO INCLUSION IN COUNT OF PINK MASTER AND GREEN EXCESS CARDS. $

CHECKED | EXAMINED
ADDED | VERIFIED
COMPUTED | RECHECKED
VERIFIED | CHANGED COLUMNS READDED

SORT INDICATION: STATE (3-4)	CO. (5-6)	ITEM CODE (13)	IRRIGATION (15)	MCD (7-8)	FARMS * (55)	EXCESS (56-57)

CORN FOR ALL PURPOSES (87)

FARMS REPORTING — UNDER 100 ACRES, 0 IN 14 AND 15 (55)

UNDER 5	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 TO 34	35 TO 44	45 TO 54	55 TO 74	75 TO 99	100 ACRES AND OVER	ACRES (14-17)

HARVESTED FOR GRAIN (88)

FARMS REPORTING (55)	ACRES (24-27)	BUSHELS * (28-32)

CUT FOR SILAGE (89)

FARMS REPORTING (55)	ACRES (34-37)	TONS (38-42)

CUT FOR FODDER, OR HOGGED OR GRAZED (90)

FARMS REPORTING (55)	ACRES (44-47)

ACREAGE IRRIGATED FOR FARMS REPORTING CORN PARTLY IRRIGATED (TO BE ENTERED FROM SCHEDULES BY DIV. OF AGRICULTURE)

TOTAL (87)	FOR GRAIN (88)	FOR SILAGE (89)	FOR FODDER OR HOGGED OR GRAZED (90)

YIELD PER ACRE

RATIO OF ACREAGE OF CORN FOR GRAIN TO TOTAL CORN ACREAGE (0.0%)	CORN FOR GRAIN (BUSHELS)	CORN FOR SILAGE (TONS)	RATIO OF TOTAL CORN ACREAGE TO CROP-LAND HARVESTED (0.0%)
		(0.0)	

1	UNIT PRICE	$	X X	X X X	$	X X	$	
0	TOTAL VALUE	$	X X	X X X	$	X X	$	

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

INDICATOR: START 30 STOP 6

RESULT SLIP NO. 38 — Sorghums, Oats, or Wheat, By MCD

CARD H

SORT: IRRIGATION-MCD
IRRIGATION (FOR REGIONS 5, 6, 7, 8 AND 9 ONLY)
MCD (COL 7-8)

ITEM (COL. 13)

CODE:
2. SORGHUMS
3. OATS
4. WHEAT

UNIT (R, S COLS 13 AND 18):
TONS FOR ITEM 2.
BUSHELS FOR ITEM 4.

X. NO IRRIGATION REPORTED - - X IN 22, 32, 43 AND 54
1. WHOLLY IRRIGATED - - 1 IN 22, 32, 43 AND 54 EXCEPT THAT - -
22 MAY BE X IF 10 18 X.
32 MAY BE X IF 24 18 X.
43 MAY BE X IF 38 18 X, OR
54 MAY BE X IF 48 18 X
2. PARTLY IRRIGATED - - 2 IN 22, 32, 43, OR 54; OR 1 IN 22, 32, 43, OR 54 WITH ONE OF OTHER COLUMNS X UNDER FOLLOWING CONDITIONS:
(A) X IN 22, NO X IN 16
(B) X IN 32, NO X IN 24
(C) X IN 43, NO X IN 36, OR
(D) X IN 54, NO X IN 48

USE FRACTION COUNTERS FOR CARD COL 48 AND FOR COUNT OF EXCESS CARDS
* CLEAR COUNTERS ON MAXIMUM READING
1/ TO BE ENTERED BY HAND
2/ USE ONLY 3 COUNTER POSITIONS
3/ USE ONLY 5 COUNTER POSITIONS

TABULATED
VERIFIED
REVISED

SUBTRACT FROM THE TABULATED FIGURES IN COLS. 4 TO 8 ANY DUPLICATIONS OF COUNTS DUE TO INCLUSION IN COUNT OF PINK MASTER AND GREEN EXCESS CARDS.
FARMS REPORTING 100 OR MORE ACRES MAY BE OBTAINED BY SUBTRACTING THE SUM OF FARMS REPORTING FOR THE SPECIFIED GROUPS FROM TOTAL FARMS REPORTING THE PARTICULAR ITEM. $

CHECKED | EXAMINED
ADDED | VERIFIED
COMPUTED | RECHECKED
VERIFIED | CHANGED COLUMNS READDED

SORT INDICATION: STATE (3-4)	CO. (5-6)	ITEM CODE (13)	MCD (7-8)	FARMS * (55)	EXCESS (56-57)

SORGHUMS FOR GRAIN (21) OATS THRESHED (26) OR WINTER WHEAT THRESHED (101)

FARMS REPORTING — TOTAL (55)

UNDER 10 ACRES, 0 OR 14 AND 15	10 TO 19 ACRES	20 TO 99 ACRES	ACRES (14-17)	BUSHELS (18-22)	Y, N, ANSWERS FOR SILAGE (6) AND/OR FOR HAY OR FODDER (10) OR Y, N, OR S FOR WHEAT (10, J)	FARMS REPORTING EXCESS SORGHUM FOR SIRUP (24) ONLY

SORGHUMS FOR SILAGE (22), OATS CUT AND FED UNTHRESHED (27), OR SPRING WHEAT THRESHED (104, REGIONS 1, 4, 6, AND 8) OR DURUM AND MACARONI WHEAT THRESHED (102, REGION 2)

FARMS REPORTING (55)	ACRES * 3/	QUANTITY HARVESTED UNIT (28-32)

SORGHUMS FOR HAY OR FODDER (23) OR OTHER SPRING WHEAT (103, REGION 2)

FARMS REPORTING (55)	ACRES * 3/	QUANTITY HARVESTED UNIT (38-42)

SWEET SORGHUMS FOR SIRUP (24)

FARMS * REPORTING 3/ (55)	ACRES (44-48)	GALLONS (49-53)

ACREAGE IRRIGATED FOR FARMS REPORTING PARTLY IRRIGATED (TO BE ENTERED FROM SCHEDULES BY DIVISION OF AGRICULTURE)

2 FOR GRAIN OR THRESHED WINTER W	3 FOR SILAGE OR FED UNTHRESHED SPRING WHEAT (R, S, 4, 6, 8) DURUM WHEAT (R, S)	4 FOR FODDER ETC., OTHER SPRING W (R, S)	SORGHUMS FOR SIRUP

SORGHUMS, YIELD PER ACRE

GRAIN (BU)	SILAGE (T)	HAY (T)

OATS

TOTAL ACRES	RATIO PER CENT THRESHED TO TOTAL ACREAGE	BU. PER ACRE

TOTAL WHEAT

ACRES	BUSHELS	BU. PER ACRE

RATIO OF TOTAL ACREAGE TO CROP-LAND HARVESTED

1	UNIT PRICE	TOTAL VALUE		UNIT PRICE	TOTAL VALUE		UNIT PRICE	TOTAL VALUE
4		$			$			$
3	SORGHUMS FOR GRAIN (COL. 6)	$	OATS THRESHED (COL. 8)		$	WINTER WHEAT THRESHED (COL. 8)		$
2	SORGHUMS FOR SILAGE (COL. 13)		OATS FED UNTHRESHED (COL. 12)			DURUM AND MACARONI WHEAT (COL. 13)		
1	SORGHUMS FOR HAY OR FODDER (COL. 16)					OTHER SPRING WHEAT (COL. 16)		
0	SORGHUMS FOR SIRUP (COL. 19)					SPRING WHEAT (COL. 13)		

R, S, 38 (7+12+18+19) + R, S, 1 4

SORGHUMS			
8+7	(0.0) 13+12	(0.0) 18+19	(0.0%)

R, S, 38 24 + R, S, 1 4

OATS			
7+12	(0.0%) 12+24	8+7	(0.0%)

R, S, 18 24 + R, S, 1 4

WHEAT			
7+18+19	4+13+16	23+24	(0.0%)

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 39 — Specified Small Grains, Hay Crops, and Clover and Grass Seeds, by MCD

CARD J (Regions 1, 2, 3, 4)

INDICATOR: START 36 STOP 4

STATE _____ SORT: MCD (COL. 7-8)

COUNTY _____

ITEM (COL. 13-14)

CODE: SMALL GRAINS--
95. MIXED GRAINS THRESHED
96. BARLEY THRESHED
99. RYE THRESHED
00. FLAX THRESHED
05. EMMER AND SPELT THRESHED
06. BUCKWHEAT THRESHED
07. RICE (ROUGH OR PADDY) THRESHED

HAY CROPS--
16. ANNUAL LEGUME HAY
17. ALFALFA HAY
18. SWEET CLOVER HAY
19. LESPEDEZA HAY
20. CLOVER OR TIMOTHY HAY
21. SMALL GRAIN HAY
22. ALL OTHER TAME HAY
23. WILD HAY

CLOVER AND GRASS SEEDS--
24. ALFALFA SEED
25. SWEET CLOVER SEED
26. LESPEDEZA SEED
27. CLOVER SEED
28. GRASS SEED

UNIT. SMALL GRAINS: RICE, 162-LB. BARRELS EXCEPT IN REGION 5, 100 LB. BAGS IN REGION 6; ALL OTHER SMALL GRAINS, BUSHELS.
HAY CROPS: TONS
CLOVER AND GRASS SEEDS: LESPEDEZA, POUNDS; ALL OTHER ITEMS, BUSHELS.

* CLEAR COUNTERS ON MAXIMUM READING (MINOR TOTALS ONLY)
1/ SHOW BOTH COUNTY TOTALS AND TOTALS FOR THE INDICATED SORTS
2/ USE ONLY 3 COUNTER POSITIONS

ITEM _____
CROP _____

TABULATED		CHECKED	EXAMINED
ADDED		VERIFIED	
VERIFIED		COMPUTED	RECHECKED
REVISED		VERIFIED	CHANGED COLUMNS READDED

SUBTRACT FROM TABULATED FIGURES IN COLS. 1 TO 15 ANY DUPLICATIONS OF COUNTS DUE TO INCLUSION IN COUNT OF FARM MASTER AND GREEN EXCESS CARDS.
FOR COL. 17 ENTER ON TOTAL LINE THE TOTAL FOR ALL ITEMS IN EACH SPECIFIED GROUP. TOTAL FOR ITEMS 95, 96, 99, 00, 05, 06, 07, AND 97 EQUALS FARMS REPORTING ANY SMALL GRAIN THRESHED EXCEPT WHEAT OR OATS.
TOTAL FOR ITEMS 19, 17, 18, 19, 20, 21, 22, AND 23 EQUALS FARMS REPORTING ANY HAY EXCEPT SORGHUM HAY.
TOTAL FOR ITEMS 24, 25, 26, 27, AND 28 EQUALS FARMS REPORTING ANY CLOVER OR GRASS SEED. $

	SORT INDICATION STATE	CO.	ITEM	MCD	FARMS * 1/	EX-CESS	ACRES 1/	QUANTITY HARVESTED 1/	FARMS CLASSIFIED BY ACREAGE HARVESTED: UNDER 100 ACRES d 0 IN 16 AND 17 — UNDER 5 ACRES	5 TO 9 ACRES	10 TO 14 ACRES	15 TO 19 ACRES	20 TO 24 ACRES	25 TO 34 ACRES	35 TO 44 ACRES	45 TO 54 ACRES	55 TO 74 ACRES	75 TO 99 ACRES	100 TO 499 ACRES	500 AND OVER	FARMS REPORTING ANY SPECIFIED ITEM	YIELD PER ACRE	RATIO OF TOTAL ACREAGE TO CROPLAND HARVESTED							
40																													
39								UNIT																					
38						X IN 26 CC			X IN 16 OR d 0 IN 16 AND 17														(0 0)	(0.0%)						
37	3-4	5-6	13-14	7-8	26		16-19	20-24	26 3/	26 3/	26 3/	26 3/	26 3/	26 3/	26 3/	26 3/	26 3/	26 3/	26	CC 3/	15	4+5	RS 18 RS 1 3+4							
	1 2 3 4 5 6 7 8	9 10 11 12	13 14	15 16 17 18 19 20	21 22 23 24 25 26 27	28 29 30 31	32 33 34 35	36 37 38 39	40 41 42 43	1 2 3 4	5 6 7 8 9	10 11 12 13 14 15	16 17 18 19 20	21 22 23 24 25 26	27 28 29 30 31	32 33 34 35 36	37 38 39 40 41	42 43 44 45												
36			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
35	TOTAL																										

2		
1	UNIT PRICE	$ _____
0	TOTAL VALUE	$ _____

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 40 — Specified Small Grains, Hay Crops, and Clover and Grass Seeds, By MCD

CARD J | Regions 5, 6, 7, 8 and 9

INDICATOR: START 34 STOP 3

STATE _____ SORT: MCD (COL. 7-8)

COUNTY _____

ITEM (COL. 13-14)

CODE: SMALL GRAINS--
95. MIXED GRAINS THRESHED
96. BARLEY THRESHED
99. RYE THRESHED
00. FLAX THRESHED
05. EMMER AND SPELT THRESHED
06. BUCKWHEAT THRESHED
07. RICE (ROUGH OR PADDY) THRESHED

HAY CROPS--
16. ANNUAL LEGUME HAY
17. ALFALFA HAY
18. SWEET CLOVER HAY
19. LESPEDEZA HAY
20. CLOVER OR TIMOTHY HAY
21. SMALL GRAIN HAY
22. ALL OTHER TAME HAY
23. WILD HAY

CLOVER AND GRASS SEEDS--
24. ALFALFA SEED
25. SWEET CLOVER SEED
26. LESPEDEZA SEED
27. CLOVER SEED
28. GRASS SEED

UNIT. SMALL GRAINS--RICE, 162-LB. BARRELS EXCEPT IN REGION 5, 100-LB. BAGS IN REGION 6; ALL OTHER SMALL GRAINS, BUSHELS.
HAY--TONS
CLOVER AND GRASS SEEDS--LESPEDEZA, POUNDS; ALL OTHER ITEMS, BUSHELS.

* CLEAR COUNTERS ON MAXIMUM READING

ITEM _____
CROP _____

TABULATED		CHECKED	EXAMINED
ADDED		VERIFIED	
VERIFIED		COMPUTED	RECHECKED
REVISED		VERIFIED	CHANGED COLUMNS READDED

SUBTRACT FROM TABULATED FIGURES IN COLS. 2 TO 13 ANY DUPLICATIONS DUE TO INCLUSION IN COUNT OF FARM MASTER AND GREEN EXCESS CARDS.
FOR COL. 32, ENTER ON TOTAL LINE THE TOTAL FOR ALL ITEMS IN EACH SPECIFIED GROUP. TOTAL FOR ITEMS 95, 96, 99, 00, 05, 06, AND 07 EQUALS FARMS REPORTING ANY SMALL GRAIN THRESHED EXCEPT WHEAT OR OATS.
TOTAL FOR ITEMS 19, 17, 18, 19, 20, 21, 22, AND 23 EQUALS FARMS REPORTING ANY HAY EXCEPT SORGHUM HAY.
TOTAL FOR ITEMS 24, 25, 26, 27, AND 28 EQUALS FARMS REPORTING ANY CLOVER OR GRASS SEEDS. $

	SORT INDICATION STATE	CO.	ITEM	MCD	FARMS *	EXCESS	FARMS CLASSIFIED BY ACREAGE HARVESTED: UNDER 100 ACRES d 0 IN 16 AND 17 — UNDER 5 ACRES	5 TO 9 ACRES	10 TO 14 ACRES	15 TO 19 ACRES	20 TO 24 ACRES	25 TO 34 ACRES	35 TO 44 ACRES	45 TO 54 ACRES	55 TO 74 ACRES	75 TO 99 ACRES	100 ACRES AND OVER	WHOLLY NON IRRIGATED X IN 25 — FARMS REPORTING	ACRES	QUANTITY HARVESTED	WHOLLY IRRIGATED d 1 IN 25 — FARMS REPORTING	ACRES	QUANTITY HARVESTED	PARTLY IRRIGATED d 2 IN 25 — FARMS REPORTING	ACRES	QUANTITY HARVESTED	FARMS REPORTING ANY SPECIFIED ITEM	ACRES IRRIGATED FOR FARMS REPORTING PARTLY IRRIGATED	TOTAL ACREAGE	TOTAL QUANTITY HARVESTED	YIELD PER ACRE — TOTAL	WHOLLY NON-IRRIGATED	WHOLLY IRRIGATED	PARTLY IRRIGATED	RATIO OF TOTAL ACREAGE TO CROPLAND HARVESTED
40																																	
39																			UNIT				UNIT										
38						X IN 26 CC																								(0 0)	(0.0)	(0.0)	(0.0)	
37	3-4	5-6	13-14	7-8	26		26	26	26	26	26	26	26	26	26	26	CC	26	16-19	20-24	26	16-19	20-24	26	16-19	20-24	15		15+18+21	16+19+22	25 ÷ 25	16+15	19 ÷ 18	22+21	RS 48 RS 1 25 ÷ 4
	1 2 3 4 5 6 7 8	9 10 11 12	13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34 35 36	37 38 39 40	41 42 43	1 2 3 4 5 6	7 8 9 10 11 12 13	14 15 16 17 18 19	20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35 36 37	38 39 40 41 42 43	44 45																			
36			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
35	TOTAL																																
34	NON IRRIGATED																	XXX	XXXXX	XXXXX	XX	XXXX	XXXXX			XXXXX							
33	IRRIGATED																	XXX	XXXXX	XXXXX	XX	XXXX	XXXXX			XXXXX							

2		
1	UNIT PRICE	$ _____
0	TOTAL VALUE	$ _____

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

INDICATOR: START 29 STOP 3

RESULT SLIP NO. 41 — Soybeans, Peanuts, and Cowpeas, by MCD

CARD K (Items 8, 9, and 0)

SORT: IRRIGATION—MCD

IRRIGATION (COL. 28)
(IRRIGATION SORT FOR REGIONS 5, 6, 7, 8, AND 9 ONLY)

CODE:
X NO IRRIGATION REPORTED
1 WHOLLY IRRIGATED
2 PARTLY IRRIGATED

ITEM (COL. 13)
CODE:
8 SOYBEANS
9 PEANUTS
0 COWPEAS

UNIT:
BUSHELS FOR ITEMS 8 AND 0;
POUNDS FOR ITEM 9

USE FRACTIONAL COUNTERS FOR CARD COLS. 18, 23, 32, AND 36.
* CLEAR COUNTERS ON MAXIMUM READING.
1/ USE ONLY 3 COUNTER POSITIONS.

STATE _____
COUNTY _____
ITEM _____
CROP _____

SUBTRACT FROM THE TABULATED FIGURES IN COLS. 3 TO 6 ANY DUPLICATIONS OF COUNTS DUE TO INCLUSION IN COUNT OF BOTH PINK MASTER AND GREEN EXCESS CARDS.
FOR COL. 32 ENTER ON TOTAL LINE THE TOTAL FOR ALL ITEMS IN EACH SPECIFIED GROUP.
TOTAL FOR ITEMS 0, 1, 2, 5, 6, AND 9 EQUALS FARMS REPORTING ANY ANNUAL LEGUME.

TABULATED	CHECKED	EXAMINED
VERIFIED	ADDED	VERIFIED
	COMPUTED	RECHECKED
REVISED	VERIFIED	CHANGED COLUMNS READDED

Row	SORT INDICATION: STATE (3-4)	CO. (5-6)	ITEM (13)	MCD (7-8)	FARMS * (43)	EXCESS (12)	TOTAL: GROWN ALONE: FARMS REPORTING: UNDER 10 ACRES (15)	10 TO 29 ACRES (16)	ACRES * (15-16)	WITH OTHER CROPS: FARMS REPORTING (43)	ACRES * (19-22)	HARVESTED FOR BEANS, NUTS, OR PEAS: GROWN ALONE: FARMS REPORTING (43)	ACRES (29-32)	WITH OTHER CROPS: FARMS REPORTING (43)	ACRES (33-36)	QUANTITY HARVESTED * UNIT (37-41)	QUANTITY HARVESTED FROM ACREAGE GROWN ALONE ONLY—NO X IN 39 AND 37 WITH X IN 38: FARMS REPORTING (43)	ACRES (29-32)	QUANTITY HARVESTED UNIT (37-41)	FARMS REPORTING PRODUCTION WITH NO ACREAGE 1/ (43)	FARMS REPORTING ANY ANNUAL LEGUMES (14)	ACRES IRRIGATED FOR EACH FARM REPORTING PARTLY IRRIGATED (TO BE ENTERED FROM SCHEDULES BY DIVISION OF AGRICULTURE): TOTAL ACRES GROWN (15+12)	ACRES HARVESTED FOR BEANS, NUTS, PEAS, OR SEED	YIELD PER ACRE (12+7)	RATIO OF ACRES GROWN ALONE AND HARVESTED (FOR BEANS, NUTS, OR PEAS, TO TOTAL ACRES GROWN ALONE (0.0*'s)	FARMS REPORTING GROWN ALONE (3+4+5+6)	RATIO OF TOTAL ACRES TO CROPLAND HARVESTED: GROWN ALONE (0.0*'s) (7+4)	GROWN WITH OTHER CROPS (0.0*'s) (9+4)	YIELD PER ACRE FROM ACREAGE GROWN ALONE ONLY (18+17)
40																															
39																															
38																															
37	3-4	5-6	13	7-8	43	12	43	43	15-16	43	19-22	43	29-32	43	33-36	37-41	43	29-32	37-41	43	14	15+12		12+7	3+4+5+6	7+4	9+4	18+17			
	1 2 3 4 5 6 7 8	9 10 11 12	13 14 15 16 17 18 19 20 21 22	23 24 25 26 27 28 29 30 31	32 33 34 35 36 37	38 39 40 41 42 43	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	16 17 18 19 20 21 22	23 24 25 26 27 28 29 30 31	32 33 34 35 36 37 38	39 40 41 42 43 44 45																					
36		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
35	TOTAL (L. 34+21+32)																												XXX		
34	WHOLLY NON IRRIGATED (IRR. X)																														
33	WHOLLY IRRIGATED (IRR. 1)																														
32	PARTLY IRRIGATED (IRR. 2)																												XXX		
31	NON IRRIGATED PART (L. 32 & 36)															XXXXX			XXXXX										XXX		
30	IRRIGATED PART (COL. 21 & 22)															XXXXX			XXXXX										XXX		
29	NON IRRIGATED (L. 34+31)															XXXXX			XXXXX										XXX		
28	IRRIGATED (L. 33+36)															XXXXX			XXXXX										XXX		
1																UNIT PRICE $_____	XXX	XXXXX	XXXXX												
0																TOTAL VALUE $_____	XXX	XXXXX	XXXXX												

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

INDICATOR: START 29 STOP 3

RESULT SLIP NO. 42 — Vetches, Velvetbeans, Mung and Horse Beans, Other Dry Field and Seed Beans, or Dry Field and Seed Peas, By MCD

MCD (COL. 7-8)

CARD K

(ITEMS 1 AND 6; AND ITEM 3 FOR ALL REGIONS EXCEPT REGION 8)

SORT: IRRIGATION—MCD

IRRIGATION (COL. 28)
(IRRIGATION SORT FOR REGIONS 5, 6, 7, 8, AND 9 ONLY)

CODE:
X NO IRRIGATION REPORTED
1 WHOLLY IRRIGATED
2 PARTLY IRRIGATED

ITEM (COL. 13)
CODE:
1 VETCHES, VELVETBEANS MUNG AND HORSE BEANS
2 OTHER DRY FIELD AND SEED BEANS
5 DRY FIELD AND SEED PEAS

UNIT:
100-LB. BAGS FOR REGION 8;
BUSHELS FOR ALL OTHER REGIONS

USE FRACTIONAL COUNTERS FOR CARD COLS. 18 AND 32
* CLEAR COUNTERS ON MAXIMUM READING
1/ USE ONLY 3 COUNTER POSITIONS

STATE _____
COUNTY _____
ITEM _____
CROP _____

SUBTRACT FROM THE TABULATED FIGURES IN COLS. 14 TO 23 ANY DUPLICATIONS OF COUNTS DUE TO THE INCLUSION IN COUNT OF PINK MASTER AND GREEN EXCESS CARDS.
FARMS REPORTING 100 OR MORE ACRES MAY BE OBTAINED BY SUBTRACTING THE SUM OF FARMS REPORTING FOR THE SPECIFIED GROUPS FROM TOTAL FARMS REPORTING THE PARTICULAR ITEM.
FOR COL. 24, ENTER ON THE TOTAL LINE THE TOTAL FOR ALL ITEMS IN EACH SPECIFIED GROUP.
TOTAL FOR ITEMS 0, 1, 2, 5, 8, AND 9 EQUALS FARMS REPORTING ANY ANNUAL LEGUME.

TABULATED	CHECKED	EXAMINED
VERIFIED	ADDED	VERIFIED
	COMPUTED	RECHECKED
REVISED	VERIFIED	CHANGED COLUMNS READDED

Row	SORT INDICATION: STATE (3-4)	CO. (5-6)	ITEM (13)	MCD (7-8)	FARMS * (43)	EXCESS (12)	TOTAL: GROWN ALONE: FARMS REPORTING (43)	ACRES * (15-16)	WITH OTHER CROPS: FARMS REPORTING (43)	ACRES * (19-22)	QUANTITY HARVESTED NO X IN 23: FARMS REPORTING (43 1/)	ACREAGE FOR ALL PURPOSES GROWN ALONE: FARMS REPORTING (43)	ACRES (15-16)	ACREAGE FOR ALL PURPOSES WITH OTHER CROPS: FARMS REPORTING (43)	ACRES (19-22)	FARMS REPORTING NO ACREAGE (43)	QUANTITY HARVESTED UNIT (23-27)	FARMS REPORTING ACREAGE GROWN ALONE UNDER 100 ACRES: UNDER 5 ACRES (43)	5 TO 9 ACRES (43)	10 TO 14 ACRES (43)	15 TO 19 ACRES (43)	20 TO 24 ACRES (43)	25 TO 29 ACRES (43)	30 TO 34 ACRES (43)	35 TO 39 ACRES (43)	40 TO 49 ACRES (43)	50 TO 74 ACRES (43)	75 TO 99 ACRES (43)	FARMS REPORTING ANY ANNUAL LEGUME (14)	ACRES IRRIGATED FOR EACH FARM REPORTING PARTLY IRRIGATED (TO BE ENTERED FROM SCHEDULES BY DIV. OF AGRICULTURE)	YIELD PER ACRE (13.0)	RATIO OF ACRES GROWN ALONE ON FARMS REPORTING QUANTITY HARVESTED TO TOTAL ACRES GROWN ALONE (0.0*'s)	RATIO OF TOTAL ACRES TO CROPLAND HARVESTED: GROWN ALONE (0.0*'s) (4+4)	GROWN WITH OTHER CROPS (0.0*'s) (6+4)			
40																																		
39																																		
38																																		
37	3-4	5-6	13	7-8	43	12	43	15-16	43	19-22	43 1/	43	15-16	43	19-22	43	23-27	43	43	43	43	43	43	43	43	43	43	14		13.0					
	1 2 3 4 5 6 7 8	9 10 11 12	13 14 15 16 17 18 19 20 21	22 23 24 25 26 27 28 29 30	31 32 33 34	35 36 37	38 39 40 41 42 43	1 2 3 4 5 6 7 8	9 10 11 12	13 14 15 16 17	18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	33 34	35 36	37 38	39 40 41 42 43 44 45																					
36		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		
35	TOTAL (L. 34+33+32)																																		
34	WHOLLY NON IRRIGATED (IRR. X)																																		
33	WHOLLY IRRIGATED (IRR. 1)																																		
32	PARTLY IRRIGATED (IRR. 2)																																		
31	NON IRRIGATED PART (L. 32 & 36)																XXXXX																		
30	IRRIGATED PART (COL. 21+																XXXXX																		
29	NON IRRIGATED (L. 34+31)																XXXXX																		
28	IRRIGATED (L. 33+36)																XXXXX																		
2																																			
1																UNIT PRICE $_____																		
0																TOTAL VALUE $_____																		

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 43 — Dry Lima Beans and Other Dry Field and Seed Beans, By MCD

CARD K (Item 2 for Region 9 only)

SORT: IRRIGATION—MCD

IRRIGATION (COLS. 28 AND 42) MCD (COL. 7-8)
CODE:
X NO IRRIGATION REPORTED; X IN 28 AND 42
1 WHOLLY IRRIGATED: d 1 IN 28 AND 42 EXCEPT THAT— 28 MAY BE X IF 15, 19, AND 23 ARE X, OR 42 MAY BE X IF 29, 33, AND 37 ARE X
2 PARTLY IRRIGATED: d 2 IN 28 OR 42; OR d 1 IN 28 OR 42 WITH X IN THE OTHER COLUMN UNDER FOLLOWING CONDITIONS— X IN 28 AND NO X IN 15, 19, OR 23; OR X IN 42 AND NO X IN 29, 33, OR 37

USE FRACTIONAL COUNTERS FOR CARD COLS. 18, 22, 32, AND 36, AND FOR COUNT OF EXCESS CARDS

* CLEAR COUNTERS ON MAXIMUM READING

SUBTRACT FROM THE TABULATED FIGURES IN COLUMNS 7 TO 9 AND 16 TO 18 ANY DUPLICATIONS OF COUNTS DUE TO INCLUSION IN COUNT OF PINK MASTER AND GREEN EXCESS CARDS.

FOR COL. 24, ENTER ON THE TOTAL LINE THE TOTAL FOR EACH SPECIFIED ITEM. TOTAL FOR ITEMS 0, 1, 2, 5, 8, AND 9 (R. S. 41, 42 AND 43) EQUALS FARMS REPORTING ANY ANNUAL LEGUME.

STATE _____

COUNTY _____

TABULATED	CHECKED	EXAMINED
VERIFIED	ADDED	VERIFIED
REVISED	COMPUTED	RECHECKED
	VERIFIED	CHANGED COLUMNS READDED

SORT INDICATION STATE	CO.	CODE ITEM	CODE MCD	FARMS[1]	EXCESS	FARMS REPORTING EITHER KIND GROWN ALONE	FARMS REPORTING EITHER KIND WITH OTHER CROPS	FARMS REPORTING EITHER KIND QUANTITY HARVESTED	DRY LIMA BEANS (113) FARMS REPORTING	GROWN ALONE FARMS REPORTING UNDER 50 ACRES	GROWN ALONE FARMS REPORTING 50 TO 99 ACRES	GROWN ALONE ACRES	WITH OTHER CROPS FARMS RPT'G	WITH OTHER CROPS ACRES	QUANTITY HARVESTED FARMS REPORTING	QUANTITY HARVESTED 100-LB. BAGS	OTHER DRY FIELD AND SEED BEANS (114) FARMS REPORTING	GROWN ALONE FARMS REPORTING UNDER 50 ACRES	GROWN ALONE FARMS REPORTING 50 TO 99 ACRES	GROWN ALONE ACRES	WITH OTHER CROPS FARMS RPT'G	WITH OTHER CROPS ACRES	QUANTITY HARVESTED FARMS REPORTING	QUANTITY HARVESTED 100-LB. BAGS	FARMS REPORTING ANY ANNUAL LEGUME	ACRES IRRIGATED FOR EACH FARM REPORTING PARTLY IRRIGATED (TO BE ENTERED FROM SCHEDULES BY DIVISION OF AGRICULTURE) ACRES OF DRY LIMA BEANS IRRIGATED	ACRES OF OTHER DRY FIELD AND SEED BEAN IRRIGATED	TOTAL ACRES GROWN ALONE	TOTAL ACRES GROWN WITH OTHER CROPS	TOTAL QUANTITY HARVESTED	YIELD PER ACRE (GROWN ALONE)	RATIO TOTAL ACRES TO CROPLAND HARVESTED GROWN ALONE	RATIO TOTAL ACRES TO CROPLAND HARVESTED GROWN WITH OTHER CROPS
3-4	5-6	13	7-8	83	CC	NO X IN 35 OR 29	NO X IN 39 OR 33	NO X IN 23 OR 37	43	43	43	15-18	43	19-22	43	23-27	43	43	43	29-32	43	33-36	43	37-41	14	25	26	27	28	29	30	31	32
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24										
1	TOTAL (L. 2+3+4)																																
2	WHOLLY NON IRRIGATED (IRR. X)																																
3	WHOLLY IRRIGATED (IRR. 1)																																
4	PARTLY IRRIGATED (IRR. 2)																																
5	NON IRRIGATED PART (L. 4 AND 6)															X X X X X								X X X X X								
6	IRRIGATED PART (COL. 25, 26)															X X X X X								X X X X X								
7	NON IRRIGATED (L. 2+5)															X X X X X								X X X X X								
8	IRRIGATED (L. 3+6)															X X X X X								X X X X X								

UNIT PRICE $ _____ $ _____ $ _____

TOTAL VALUE $ _____ $ _____ $ _____

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 44 — Miscellaneous Field Crops, By MCD

CARD L (ITEM 30, ALL REGIONS. OTHER L ITEMS, REGIONS 1, 2, 3, AND 4)

SORT: MCD (COLS. 7-8)

ITEM (COLS 13-14) CODE AND UNIT—

00 BARLEY, BUSHEL
00 FLAX FOR GRAIN, BUSHEL
01 WHEAT, WINTER, BUSHEL
04 WHEAT, SPRING, BUSHEL
05 EMMER AND SPELT, BUSHEL
06 BUCKWHEAT BUSHEL
07 RICE, 162-LB. BARREL
09 PEANUTS, POUND
28 IRISH POTATOES, BUSHEL
30 COTTON, RUNNING SQUARE BALE
31 SWEET POTATOES, BUSHEL
32 TOBACCO, POUND
33 SUGAR CANE FOR SYRUP, GALLON
34 SUGAR CANE FOR SUGAR, TON
35 SUGAR BEETS FOR SUGAR TON
36 HOPS POUND
37 BROOM CORN POUND
38 POP CORN, BUSHEL
39 MINT FOR OIL, POUND (OIL)
40 SILAGE CROPS OTHER THAN CORN AND SORGHUMS, TON
41 ROOT AND GRAIN CROPS HOGGED OR GRAZED
46 RUTABAGAS FOR FEED, TON
47 SUGAR CANE FOR FEED, TON
48 OILL PLANTS, POUND (OIL)
50 CASSAVA, POUND
51 CHICORY, POUND
52 CHUFAS, BUSHEL
53 FLAX FOR FIBER, TON
54 JINSENG, POUND
55 GOLDEN SEAL, POUND
56 YEWP, POUND
57 KUDZU, TON
58 MUSTARD SEED, POUND
59 PUMPKINS FOR FEED, TON
60 SUGAR-BEET SEED, POUND
61 SUNFLOWER SEED, BUSHEL
62 VINESEED, POUND
63 ALL OTHER

USE FRACTIONAL COUNTERS FOR CARD COLS. 18 AND 24

* CLEAR COUNTERS ON MAXIMUM READING (MINOR TOTALS ONLY)

1/ SHOW BOTH COUNTY TOTALS AND TOTALS FOR THE INDICATED SORTS

2/ USE ONLY 3 COUNTER POSITIONS

SUBTRACT FROM THE TABULATED FIGURES IN COLS. 8 TO 18 ANY DUPLICATIONS OF COUNTS DUE TO THE INCLUSION IN COUNT OF PINK MASTER AND GREEN EXCESS CARDS.

TRANSFER ITEMS 01 AND 04 TO R. S. 38, ITEMS 05, 08, 06, 09, 08, AND 07 TO R. S. 39, AND ITEM 00 TO R. S. 41.

OBTAIN A HAND COUNT OF FARMS REPORTING BOTH ITEMS 33 AND 34.

STATE _____

COUNTY _____

ITEM _____

CROP _____

TABULATED	CHECKED	EXAMINED
VERIFIED	ADDED	VERIFIED
REVISED	COMPUTED	RECHECKED
	VERIFIED	CHANGED COLUMNS READDED

SORT INDICATION STATE	CO.	CODE ITEM	CODE MCD	FARMS[1]	EXCESS	ACRES[1]	QUANTITY HARVESTED[1] UNIT	FARMS CLASSIFIED BY ACREAGE HARVESTED UNDER 100 ACRES UNDER 5 ACRES	5 TO 9 ACRES	10 TO 14 ACRES	15 TO 19 ACRES	20 TO 24 ACRES	25 TO 34 ACRES	35 TO 49 ACRES	50 TO 74 ACRES	75 TO 99 ACRES	100 TO 499 ACRES	500 AND OVER	ACRES IRRIGATED FOR FARMS REPORTING PARTLY IRRIGATED (TO BE ENTERED FROM SCHEDULES BY DIVISION OF AGRICULTURE)	YIELD PER ACRE	RATIO OF TOTAL ACRES HARVESTED TO CROPLAND HARVESTED
3-4	5-6	13-14	25 7-8	26	CC	15-18	19-24	26 2/	26 2/	26 2/	26 2/	26 2/	26 2/	26 2/	26 2/	26 2/	26 2/	26 2/	26 2/	(0.0)	(0.0%)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25									
37				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
36	TOTAL (L. 35+34+33)																											
35	WHOLLY NON IRRIGATED (IRR. X)																											
34	WHOLLY IRRIGATED (IRR. 1)																											
33	PARTLY IRRIGATED (IRR. 2)																											
32	NON IRRIGATED PART (L. 33 AND 31)						X X X X X																					
31	IRRIGATED PART (COL. 18)						X X X X X																					
30	NON IRRIGATED (L. 35+32)						X X X X X																					
29	IRRIGATED (L. 34 | 31)						X X X X X																					

		UNIT PRICE	TOTAL VALUE
2			
1	ROOT AND GRAIN CROPS (COL 3)	$ _____	$ _____
0	OTHER FIELD CROPS (COL 4)		

FARMS REPORTING SUGAR CANE FOR BOTH SIRUP AND SUGAR (ITEMS 33 AND 34) _____

FARMS REPORTING SUGAR CANE FOR SIRUP AND/OR SUGAR _____

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

INDICATOR: START 34 STOP 4

STATE _____

COUNTY _____

RESULT SLIP NO. 45 — Miscellaneous Field Crops, by MCD

CARD L

(ALL L ITEMS EXCEPT 30, REGIONS 5, 6, 7, 8, AND 9)

SUBTRACT FROM THE TABULATED FIGURES IN COLS. 3 TO 13 ANY DUPLICATIONS OF COUNTS DUE TO THE INCLUSION IN COUNT OF PINK MASTER AND GREEN EXCESS CARDS.

TRANSFER ITEMS 94 AND 04 TO R. S. 38; ITEMS 00, 05, 08, AND 07 TO R. S. 40; AND ITEMS 08, 08, AND 10 TO R. S. 41.

SORT: MCD (COLS. 7-8)

ITEM (COLS. 13-14)

CODE AND UNIT:
94. SWEET SORGHUMS FOR SIRUP, GALLON
00. FLAX FOR GRAIN, BUSHEL
04. WHEAT, SPRING, BUSHEL
05. EMMER AND SPELT, BUSHEL
06. BUCKWHEAT, BUSHEL
07. RICE, 162-LB. BARREL (REGION 9, 100-LB. BAG)
08. SOYBEANS, BUSHEL
09. PEANUTS, POUND
10. COWPEAS, BUSHEL
29. IRISH POTATOES, BUSHEL (REGION 9, 100-LB. BAG)
31. SWEET POTATOES, BUSHEL (REGION 9, 100-LB. BAG)
32. TOBACCO, POUND
33. SUGAR CANE FOR SIRUP, GALLON
34. SUGAR CANE FOR SUGAR, TON
35. SUGAR BEETS FOR SUGAR, TON
36. HOPS, POUND
37. BROOMCORN, POUND
38. POPCORN, BUSHEL
39. MINT FOR OIL, POUND (OIL)
40. SILAGE CROPS OTHER THAN CORN AND SORGHUMS, TON
41. ROOT AND GRAIN CROPS HOGGED OR GRAZED
46. SUGAR BEETS FOR SEED, TON
47. SUGAR CANE FOR SEED, TON
48. DILL FOR OIL, POUND (OIL)
50. CASSAVA, POUND
51. CHICORY, POUND
52. CHUFAS, BUSHEL
53. FLAX FOR FIBER, TON
54. GINSENG, POUND
55. GOLDEN SEAL, POUND
56. HEMP, POUND
57. KUDZU, TON
58. MUSTARD SEED, POUND
59. PUMPKINS FOR FEED, TON
60. SUGAR BEET SEED, POUND
62. SUNFLOWER SEED, BUSHEL
62. WORMSEED, POUND
63. ALL OTHER

USE FRACTIONAL COUNTERS FOR CARD COL. 18 AND FOR COUNT OF EXCESS CARDS.

CLEAR COUNTERS ON MAXIMUM READING.
USE ONLY 7 COUNTER POSITIONS.

ITEM _____ $

CROP _____

TABULATED		CHECKED	EXAMINED
VERIFIED		ADDED	VERIFIED
REVISED		COMPUTED	RECHECKED
		VERIFIED	CHANGED COLUMNS READDED

SORT INDICATION				FARMS*	EXCESS	FARMS CLASSIFIED BY ACREAGE HARVESTED												WHOLLY NON IRRIGATED - X IN 25			WHOLLY IRRIGATED - d 1 IN 25			PARTLY IRRIGATED - d 2 IN 25			ACRES IRRIGATED FOR FARMS REPORTING PARTLY IRRIGATED	TOTAL ACREAGE	TOTAL QUANTITY HARVESTED	YIELD PER ACRE				RATIO OF TOTAL ACREAGE TO CROPLAND HARVESTED
STATE	CO.	ITEM	MCD			UNDER 100 ACRES - 0 0 IN 15											100 ACRES AND OVER	FARMS REPORTING	ACRES*	QUANTITY HARVESTED	FARMS REPORTING	ACRES*	QUANTITY HARVESTED	FARMS REPORTING	ACRES	QUANTITY HARVESTED				TOTAL	WHOLLY NON IRRIGATED	WHOLLY IRRIGATED	PARTLY IRRIGATED	
						WHICH IS ACRES	5 TO 9 ACRES	10 TO 14 ACRES	15 TO 19 ACRES	20 TO 24 ACRES	25 TO 34 ACRES	35 TO 49 ACRES	50 TO 74 ACRES	75 TO 99 ACRES	100 TO 139 ACRES	140 TO 179 ACRES			EIGHTHS	UNIT		EIGHTHS	UNIT		EIGHTHS	UNIT								
3-4	5-6	13-14	7-8	26	CC	26	26	26	26	26	26	26	26	26	26	26	CC	26	15-19	19-23	26	15-18	19-23 1/	26	15-18	19-23								
1 2	3 4	5 6	7 8	9 10 11	12	13 14 15	16 17 18	19 20 21	22 23 24	25 26 27	28 29 30	31 32 33	34 35 36	37 38	39 40	41 42 43		1 2 3 4 5 6	7 8 9 10 11 12 13 14		15 16 17	18 19 20 21 22	23 24 25 26 27 28 29 30 31	32 33 34 35 36 37 38 39	40 41 42 43 44 45									
36				1	2	3	4	5	6	7	8	9	10	11	12	13		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
35	TOTAL																															
34	NON IRRIGATED																	XXX	XXXX	XXXXX	XX	XXX	XXXXX			XXXX						
33	IRRIGATED																	XXX	XXXX	XXXXX	XX	XXX	XXXXX			XXXX						

		UNIT PRICE	TOTAL VALUE		TOTAL	IRRIGATED	NON IRRIGATED
2							
1	ROOT AND GRAIN CROPS (COL. 24)	$	$	FARMS REPORTING SUGAR CANE FOR BOTH SIRUP AND SUGAR			
0	OTHER FIELD CROPS (COL. 25)			FARMS REPORTING SUGAR CANE FOR SIRUP AND/OR SUGAR			

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE. 1940

INDICATOR: START 38 STOP 4

STATE _____

COUNTY _____

RESULT SLIP NO. 46—Vegetables For Farm Household(s') Use, Vegetables Harvested For Sale, Horticultural Specialties, or Small Fruits, By MCD

CARD M

SUBTRACT FROM TABULATED FIGURES IN COLS. 6 TO 15 ANY DUPLICATIONS OF COUNTS DUE TO INCLUSION IN COUNT OF PINK MASTER AND GREEN EXCESS CARDS

FOR COL. 20 ENTER ON TOTAL LINE THE TOTALS FOR ALL ITEMS IN EACH SPECIFIED GROUP

TOTAL FOR ITEMS 01 TO 26 AND 45 TO 62 EQUALS FARMS REPORTING VEGETABLES FOR SALE

TOTAL FOR ITEMS 65 TO 76 AND 21 EQUALS FARMS REPORTING HORTICULTURAL SPECIALTIES

TOTAL FOR ITEMS 72 TO 82 AND 90 TO 92 EQUALS FARMS REPORTING SMALL FRUITS

SORT MCD (COLS 7-8)

ITEM (COLS 13-14)

CODE:
44 VALUE OF VEGETABLES GROWN IN 1939 FOR FARM HOUSEHOLD (S') USE
VEGETABLES FOR SALE.
45 GLOBE ARTICHOKES
46 ASPARAGUS
47 GREEN LIMA BEANS
48 SNAP, STRING, OR WAX BEANS
49 BEETS (TABLE)
50 BROCCOLI
51 CABBAGE
52 CANTALOUPES, MUSKMELONS, ETC
53 CARROTS
54 CAULIFLOWER
55 CELERY
56 SWEET CORN
57 CUCUMBERS
58 EGGPLANT
59 GARLIC
60 KALE
61 LETTUCE
62 DRY ONIONS
63 GREEN PEAS
64 SWEET PEPPERS AND PIMIENTOS
65 SPINACH
66 TOMATOES
67 WATERMELONS
01 BRUSSELS SPROUTS
02 SWISS CHARD
03 CHAYOTE
04 CHINESE CABBAGE
05 COLLARDS
06 WATER CRESS
07 DANDELIONS
08 DASHEEN
09 ENDIVE
10 ESCAROLE
11 HORSERADISH
12 KOHLRABI
13 MUSTARD (GREENS)
14 OKRA
15 GREEN ONIONS AND SHALLOTS
16 PARSLEY
17 PARSNIPS
18 HOT PEPPERS
19 PUMPKINS
20 RADISHES
21 RHUBARB
22 ROMAINE
23 RUTABAGAS
24 SALSIFY
25 SQUASH
26 TURNIPS
27 MIXED VEGETABLES
28 OTHER VEGETABLES
29 HORTICULTURAL SPECIALTIES
69 CROPS GROWN UNDER GLASS
70 NURSERY PRODUCTS
71 FLOWER AND VEGETABLE SEEDS, BULBS, AND FLOWERS AND PLANTS GROWN IN THE OPEN
SMALL FRUITS:
72 BLACKBERRIES AND DEWBERRIES
73 BLUEBERRIES
74 BOYSENBERRIES
75 CRANBERRIES
76 LOGANBERRIES
78 RASPBERRIES
81 STRAWBERRIES
82 YOUNGBERRIES
90 CURRANTS
91 GOOSEBERRIES
92 ALL OTHER
UNIT:
VEGETABLES, DOLLARS.
HORTICULTURAL SPECIALTIES, DOLLARS
SMALL FRUITS, QUARTS (REGION 9 POUNDS)

USE FRACTIONAL COUNTERS FOR CARD COLS. 29 AND 30

* CLEAR COUNTERS ON MAXIMUM READING (MINOR TOTALS ONLY).

1/ SHOW BOTH COUNTY TOTAL AND TOTALS FOR INDICATED SORTS

2/ USE ONLY 3 COUNTER POSITIONS FOR MCD TOTALS (4 FOR COUNTY TOTAL)

ITEM _____ $

CROP _____

TABULATED		CHECKED	EXAMINED
VERIFIED		ADDED	VERIFIED
REVISED		COMPUTED	RECHECKED
		VERIFIED	CHANGED COLUMNS READDED

SORT INDICATION				FARMS * 1/	EXCESS	ACRES (SQ. FT. FOR ITEM 99)	QUANTITY HARVESTED OR VALUE	FARMS CLASSIFIED BY ACREAGE OF SPECIFIED CROP (SQ. FT. FOR ITEM 69)																		WILD BLUEBERRIES OR RED RASPBERRIES			FARMS REPORTING ANY SPECIFIED ITEM	YIELD PER ACRE	RATIO OF TOTAL ACREAGE TO CROPLAND HARVESTED		FOR ITEM 73, REGION 1, AND ITEM 78 REGIONS 1 & 9				
STATE	CO.	ITEM	MCD					NONE	ACRE	ACRE	1 TO 4 1/2	5 TO 8 1/2	9 TO 14 1/2	15 TO 19 1/2	20 TO 24 1/2	25 TO 49 1/2	50 TO 99 1/2	100 ACRES AND OVER	FARMS REPORTING	QUANTITY HARVESTED OR NO VALUE	FARMS REPORTING	ACRES	QUANTITY HARVESTED						FARMS RPTG TAME BLUEBERRIES OR BLACK RASPBERRIES	TOTAL ACREAGE (BOTH KINDS)	TOTAL QUANTITY HARVESTED (BOTH KINDS)			
						EIGHTHS	UNIT	1/2 TO 1 1/2 ACRE	1 1/2 TO 2 1/2 ACRE	2 1/2 TO 3 1/2 ACRE	3 1/2 TO 4 1/2 ACRE	4 1/2 TO 5 1/2 ACRE	5 1/2 TO 6 1/2 ACRE	6 1/2 TO 7 1/2 ACRE	7 1/2 TO 8 1/2 ACRE	8 1/2 TO 9 1/2 ACRE	9 1/2 TO 10 1/2 ACRE	10 1/2 TO 11 1/2 ACRE	11 1/2 TO 12 1/2 ACRE	12 1/2 TO 13 1/2 ACRE	13 1/2 TO 14 1/2 ACRE	1 TO 100 ACRES 0 0 IN 18 AND 17																		

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE. 1940
INDICATOR: START 37 STOP 2

RESULT SLIP NO. 47—Land in Fruit Orchards, Vineyards, and Planted Nut Trees, by MCD

CARD N (Regions 1, 2, 3, 5, 6, and 8)
CARD O (Regions 4, 7, and 9)

STATE ____________ SORT: MCD (COL. 7-8)

COUNTY ____________

TABULATE ONLY CARDS PUNCHED d 0-9 OR V IN 13.

USE FRACTIONAL COUNTERS FOR CARD COL 16

WHERE 49 (80) APPEARS 49 IS APPLICABLE FOR CARD N AND 80 FOR CARD O.

* CLEAR COUNTERS ON MAXIMUM READING (MINOR TOTALS ONLY).

1/ SHOW BOTH COUNTY AND MCD TOTALS

2/ USE ONLY 3 COUNTER POSITIONS FOR MCD TOTALS (4 FOR COUNTY TOTAL).

3/ USE ONLY 2 COUNTER POSITIONS.

SUBTRACT FROM TABULATED FIGURES IN COLS 11 TO 22 ANY DUPLICATIONS OF COUNTS DUE TO INCLUSION IN THE COUNT OF PINK MASTER AND GREEN EXCESS CARDS.
COL 9 TO BE ENTERED FROM SCHEDULES.

TABULATED	CHECKED	EXAMINED
VERIFIED	ADDED	VERIFIED
REVISED	COMPUTED	RECHECKED
	VERIFIED	CHANGED COLUMNS READDED

	SORT INDICATION: STATE	CO.	MCD	FARMS * 1/	EXCESS X IN 49 (80)	WHOLLY NONIRRIGATED-X IN 17: FARMS REPORTING	ACRES 1/ (184)	WHOLLY IRRIGATED-d 1 IN 17: FARMS REPORTING	ACRES * (184)	PARTLY IRRIGATED-d 2 IN 17: FARMS REPORTING	ACRES (184)	ACRES IRRIGATED (TO BE ENTERED FROM SCHEDULES)
39	3-4	5-6	7-8	49 (80) 2/	CC	NO X IN 13 49 (80)	13-16 EIGHTHS	NO X IN 13 49 (80)	13-16 EIGHTHS	NO X IN 13 49 (80)	13-16 EIGHTHS	
	1 2	3 4	5 6	7 8 9 10	11	12 13 14	15 16 17 18 19 20 21	22 23 24	25 26 27 28 29 30	31 32 33	34 35 36 37 38 39	40 41 42 43
38					2	3	4	5	6	7	8	9
37	TOTAL											
36	NON IRRIGATED					X X	X X X X	X X	X X X			
35	IRRIGATED					X X	X X X X	X X	X X X			

FARMS CLASSIFIED BY ACREAGE IN ORCHARD

	NONE	UNDER 10 ACRES -d 0 IN 13 AND 14: ¼ TO ¾	1 TO 2¾	2½ TO 4¾	5 TO 9¾	10 TO 99¾ ACRES -d 0 IN 13: 10 TO 14¾	15 TO 19¾	20 TO 24¾	25 TO 49¾	50 TO 99¾	100 TO 499¾ ACRES 3/	500 TO 999¾ ACRES 3/	1 000 AND OVER ACRES 3/	TOTAL ACREAGE	RATIO OF TOTAL ACREAGE TO CROPLAND HARVESTED (0.0%)						
39	V IN 13 49 (80)	d 0 IN 15 3/ 49 (80)	d 1 IN 15 3/ OR d 2 IN 15 & d 0-3 IN 16 49 (80)	d 2 IN 16 & 3/ d 4-7 IN 16, OR d 3-4 IN 15 49 (80)	d 5-9 IN 15 3/ 49 (80)	d 1 IN 14 & 3/ d 0-4 IN 15 49 (80)	d 1 IN 14 & d 5-9 IN 15 49 (80)	d 2 IN 14 & d 0-4 IN 15 49 (80)	d 2 IN 14 & d 5-9 IN 15 or d 3 TO 4 IN 14 3/ 49 (80)	d 5-9 IN 14 49 (80)	d 1-4 IN 13 49 (80)	d 5-9 IN 13 49 (80)	NO X IN 13 & X IN 49 (80) CC		RS 47 ÷ RS 1						
	1 2 3	4 5 6 7	8 9 10 11	12 13 14 15	16 17 18 19	20 21 22 23	24 25 26	27 28 29	30 31 32 33	34 35 36	37 38 39	40 41 42	43 44 45	4+6+8	23÷4						
38	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
37																					
36																					
35																					

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 38 STOP 4

RESULT SLIP NO. 48—Orchard and Miscellaneous Fruits, Nuts, Grapes, and Citrus Fruits, by MCD

CARD N (Regions 1, 2, 3, 5, 6, and 8)

SORT: MCD (COL. 7-8)

ITEM (COL. 18-19)
CODE AND UNIT
TREE FRUITS –
85 APPLES, BUSHEL
86 CHERRIES, POUND
REGIONS 1 5 & COLS 3-6, SOUR
COLS. 7-10 SWEET
89 PEACHES BUSHEL
92 PEARS BUSHEL
REGION 8: COLS. 3-5, BARTLETT
COLS 7-10 OTHER
95 PLUMS AND PRUNES (BUSHEL)
(REGION 8, POUND)
98 GRAPES POUND
99 FIGS, POUND
00 APRICOTS BUSHEL (REGION 8, POUND)
02 NECTARINES, BUSHEL
03 JAPANESE PERSIMMONS POUND
71 JUJUBES POUND
75 POMEGRANATES, BUSHEL
76 QUINCES BUSHEL
79 ALL OTHER

NUTS—
09 WALNUTS, ENGLISH OR PERSIAN POUND
10 PECANS POUND
REGIONS 1 2 3, 5 6 COLS 3-6 IMPROVED
COLS 7-10 WILD OR SEEDLING
12 ALMONDS POUND
13 FILBERTS AND HAZELNUTS, POUND
14 TUNG NUTS, POUND
45 CULTIVATED CHESTNUTS POUND
48 CULTIVATED BLACK WALNUTS, POUND
49 ALL OTHER

CITRUS FRUITS -
16 ORANGES BUSHEL
23 GRAPEFRUIT, BUSHEL
26 LEMONS, BUSHEL
27 LIMES POUND
36 CITRONS, BUSHEL
37 KUMQUATS BUSHEL
38 LIMEQUATS, BUSHEL
39 ALL OTHER

MAPLE SIRUP AND SUGAR—
30 R. S. COL 4 MAPLE TREES TAPPED
R. S. COL 5 GALLONS OF MAPLE SIRUP.
R. S. COL 6 POUNDS OF MAPLE SUGAR

* CLEAR COUNTERS ON MAXIMUM READING

1/ SHOW BOTH COUNTY TOTALS AND TOTALS FOR INDICATED SORTS

2/ USE ONLY 7 COUNTER POSITIONS.

3/ USE ONLY 4 COUNTER POSITIONS.

ITEM ____________

CROP ____________

STATE ____________

COUNTY ____________

FOR COL 14 ENTER ON TOTAL LINE THE TOTALS FOR ALL ITEMS IN EACH SPECIFIED GROUP
TOTAL FOR ITEMS 00 TO 08 AND 70 TO 99 EQUALS FARMS REPORTING ANY ORCHARD OR MISCELLANEOUS FRUIT
TOTAL FOR ITEMS 09 TO 15 AND 40 TO 49 EQUALS FARMS REPORTING ANY NUTS
TOTAL FOR ITEMS 16 TO 39 EQUALS FARMS REPORTING ANY CITRUS FRUIT

TABULATED	CHECKED	EXAMINED
VERIFIED	ADDED	VERIFIED
REVISED	COMPUTED	RECHECKED
	VERIFIED	CHANGED COLUMNS READDED

	SORT INDICATION: STATE	CO.	MCD	ITEM	FARMS 1/	EXCESS	KIND ____: FARMS REPORTING	TREES NOT OF BEARING AGE OR MAPLE TREES TAPPED, NUMBER *	TREES OF BEARING AGE, NO OR GALLONS OF MAPLE SIRUP *	QUANTITY HARVESTED ____ UNIT OR MAPLE SUGAR POUNDS
38	3-4	5-6	7-8	18-19	49	X IN 49 CC	NO X IN 21, 25 OR 30 49	21-24 3/	25-29 3/	30-34
	1 2	3 4	5 6	7 8	9 10 11 12	13 14	15 16 17 18	19 20 21 22 23 24 25 26	27 28 29 30 31 32 33 34	15 36 37 38 39 40 41 42 43
37					1	2	3	4	5	6
36	TOTAL									
2										
1							UNIT PRICE		MAPLE SIRUP $	$
0							TOTAL VALUE		$	$

	KIND ____: FARMS REPORTING	TREES NOT OF BEARING AGE, NUMBER	TREES OF BEARING AGE, NUMBER	QUANTITY HARVESTED ____ UNIT	FARMS REPORTING: TREES NOT OF BEARING AGE ANY VARIETY	TREES OF BEARING AGE ANY VARIETY	QUANTITY HARVESTED	ANY SPECIFIED ITEM	TOTAL TREES OR VINES: NOT OF BEARING AGE	OF BEARING AGE	TOTAL QUANTITY HARVESTED	YIELD PER TREE OR VINE OF BEARING AGE (0.0)				
38	NO X IN 35, 39 OR 44 49	35-38	39-43	44-48	NO X IN 21 OR 35 49 3/	NO X IN 25 OR 39 49 3/	NO X IN 30 OR 44 49	20				6÷5				
	1 2 3 4	5 6 7 8 9 10 11	12 13 14 15 16 17 18	19 20 21 22 23 24 25 26 27	28 29 30 31 32	33 34 35 36 37	38 39 40 41	42 43 44 45	4+8	5+9	6+10	(or 17 ÷ 16)				
37	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
36																
2																
1	X X X X X X X X X X			$	X X X X X X X X X X X X				$			X X X X X X				
0	X X X X X X X X X X			$	X X X X X X X X X X X X				$			X X X X X X				

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 37 STOP 4

RESULT SLIP NO. 49—Orchard and Miscellaneous Fruits, Nuts, Grapes, and Citrus Fruits, First of Two Runs by MCD

CARD O (Regions 4, 7, and 9)

SORT: MCD (COL. 7-8)

STATE ____________

COUNTY ____________

ITEM (COLS 18-19)
CODE AND UNIT:
TREE FRUITS—
85 APPLES, BUSHEL (REGION 9, TON)
86 CHERRIES, POUND (REGION 9, TON)
89 PEACHES, BUSHEL (REGION 9, TON)
REGION 9- COLS. 3-6, CLINGSTONE: COLS. 7-10, FREESTONE
92 PEARS, BUSHEL (REGION 9, TON)
REGION 9- COLS. 3-6, BARTLETT; COLS. 7-10, OTHER
95 PLUMS AND PRUNES, BUSHEL (REGION 9, TON)
REGION 9: COLS. 3-6, PLUMS; COLS. 7-10, PRUNES
98 GRAPES, POUND (REGION 9, TON)
REGION 9, COLS. 3-6, TABLE; COLS. 7-10, RAISIN
99 FIGS, POUND (REGION 9, TON)
00 APRICOTS, BUSHEL (REGION 9, TON)
01 OLIVES, POUND (REGION 9, TON)
02 NECTARINES, BUSHEL (REGION 9, TON)
03 JAPANESE PERSIMMONS, POUND
04 AVOCADOS, POUND
05 DATES, POUND
06 GUAVAS, POUND
07 PAPAYAS, POUND
70 BANANAS, BUNCH
71 JUJUBES, POUND
72 LOQUATS, BUSHEL (REGION 9, POUND)
73 MANGOES, BUSHEL (REGION 9, POUND)
74 PINEAPPLES, CRATE
75 POMEGRANATES, BUSHEL (REGION 9, POUND)
76 QUINCES, BUSHEL (REGION 9, POUND)
77 SAPODILLAS, BUSHEL
78 SUGAR APPLES, BUSHEL
79 ALL OTHER

NUTS—
09 WALNUTS, ENGLISH OR PERSIAN, POUND
(REGION 9, TON)
10 PECANS, POUND
REGIONS 4 AND 7: COLS. 3-6, IMPROVED, COLS. 7-10, WILD OR SEEDLING
12 ALMONDS, POUND (REGION 9, TON)
13 FILBERTS AND HAZELNUTS, POUND
14 TUNG NUTS, POUND
45 CULTIVATED CHESTNUTS, POUND
46 COCONUTS, EACH
47 PISTACHIOS, POUND
48 CULTIVATED BLACK WALNUTS, POUND
49 ALL OTHER

CITRUS FRUITS—
16 ORANGES, REGION 4, FIELD BOX; REGION 7, TON EXCEPT SATSUMA, BUSHEL, REGION 9, TON
REGIONS 4 AND 7: COLS. 3-6, SATSUMA COLS. 7-10, TANGERINES AND MANDARINS, REGION 9 COLS 3-6, VALENCIA, COLS. 7-10, NAVEL
23 GRAPEFRUIT, REGION 4, FIELD BOX REGIONS 7 AND 9, TON
REGIONS 4 AND 7 COLS 3-6, SEEDLESS; COLS 7-10, ALL OTHER
26 LEMONS, REGION 4, FIELD BOX REGIONS 7 AND 9, TON
27 LIMES, POUND
36 CITRONS, BUSHEL (REGION 9, POUND)
37 KUMQUATS, BUSHEL (REGION 9 POUND)
38 LIMEQUATS, BUSHEL (REGION 9, POUND)
39 ALL OTHER

USE FRACTIONAL COUNTERS FOR CARD COLS 35 AND 50.
* CLEAR COUNTERS ON MAXIMUM READING (MINOR TOTALS ONLY).
1/ SHOW BOTH COUNTY TOTAL AND TOTALS FOR INDICATED SORTS
2/ USE ONLY 3 COUNTER POSITIONS FOR MCD TOTALS (4 FOR COUNTY TOTAL, IF REQUESTED).
3/ USE ONLY 1 COUNTER POSITION.
4/ USE ONLY 7 COUNTER POSITIONS.

ITEM ____________

CROP ____________

FOR COL. 14 ENTER ON TOTAL LINE THE TOTALS FOR ALL ITEMS IN EACH SPECIFIED GROUP.
TOTAL FOR ITEMS 00 TO 08 AND 70 TO 99 EQUALS FARMS REPORTING ANY ORCHARD OR MISCELLANEOUS FRUIT.
TOTAL FOR ITEMS 09 TO 15 AND 40 TO 49 EQUALS FARMS REPORTING ANY NUTS.
TOTAL FOR ITEMS 16 TO 39 EQUALS FARMS REPORTING ANY CITRUS FRUIT

TABULATED	CHECKED	EXAMINED
VERIFIED	ADDED	VERIFIED
REVISED	COMPUTED	RECHECKED
	VERIFIED	CHANGED COLUMNS READDED

	SORT INDICATION: STATE	CO.	ITEM	MCD	FARMS * 1/	EXCESS	KIND ____: FARMS REPORTING	TREES NOT OF BEARING AGE, NUMBER *	TREES OF BEARING AGE, NUMBER *	QUANTITY HARVESTED ____ UNIT (EIGHTHS)
37	3-4	5-6	18-19	7-8	80 2/	X IN 3/ 80 CC	NO X IN 21 2/ 25, OR 30 80	21-24 4/	25-29 4/	30-35
	1 2	3 4	5 6	7 8	9 10 11 12	13 14	15 16 17 18	19 20 21 22 23 24 25 26	27 28 29 30 31 32 33 34	35 36 37 38 39 40 41 42 43
36					1	2	3	4	5	6
35	TOTAL									
2										
1							UNIT PRICE			$
0							TOTAL VALUE			$

	KIND ____: FARMS REPORTING	TREES NOT OF BEARING AGE, NUMBER *	TREES OF BEARING AGE, NUMBER *	QUANTITY HARVESTED ____ UNIT (EIGHTHS)	FARMS REPORTING: TREES NOT OF BEARING AGE, ANY VARIETY	TREES OF BEARING AGE, ANY VARIETY	QUANTITY HARVESTED	FARMS REPORTING ANY SPECIFIED ITEM 1/	TOTAL TREES OR VINES: NOT OF BEARING AGE	OF BEARING AGE	TOTAL QUANTITY HARVESTED	YIELD PER TREE OR VINE OF BEARING AGE (0.0)				
37	NO X IN 36, 2/ 40, OR 45 80	36-39	40-44	45-50	NO X IN 21, 2/ 36, 51 OR 66 80	NO X IN 25, 40, 2/ 55 OR 70 80	NO X IN 30, 2/ 45, 60 OR 74 80	20 3/	R.S. 11 R.S. 11	R.S. 11 R.S. 11	R.S. 11 R.S. 11	6÷5				
	1 2 3 4	5 6 7 8 9 10 11	12 13 14 15 16 17 18	19 20 21 22 23 24 25 26 27	28 29 30 31 32	33 34 35 36 37	38 39 40 41	42 43 44 45	(4+8)+(4+8)	(5+9)+(5+9)	(6+10)+(6+10)	or (17÷16)				
36	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
35																
2																
1			UNIT PRICE	$			UNIT PRICE		$							
0			TOTAL VALUE	$			TOTAL VALUE		$							

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 39 STOP 4

STATE _____

COUNTY _____

RESULT SLIP NO. 50—Orchard and Miscellaneous Fruits, Nuts, Grapes, and Citrus Fruits, Second of Two Runs by MCD — CARD O (Regions 4, 7, and 9)

ITEM (COLS. 18-19)
CODE AND UNIT:
98 GRAPES -WINE OR JUICE, TON
16 ORANGES, REGION 4, FIELD BOX;
REGIONS 7 AND 9, TON
REGIONS 4, 7, 9 COLS. 3-6, OTHER EARLY AND MIDSEASON ORANGES
REGIONS 4, 7, 9 COLS. 7-10, VALENCIA AND OTHER LATE ORANGES
REGIONS 4, 7, 9 COLS. 3-6, ALL OTHER ORANGES
SORT: MCD (COL. 7-8)

TABULATE ONLY ITEM 98 IN REGION 9 AND ITEM 16 IN REGIONS 4, 7, AND 9. USE FRACTIONAL COUNTERS FOR CARD COLS. 65 AND 79.

* CLEAR COUNTERS ON MAXIMUM READING (MINOR TOTALS ONLY).

1/ SHOW BOTH COUNTY TOTALS AND TOTALS FOR INDICATED SORTS.
2/ USE ONLY 3 COUNTER POSITIONS FOR MCD TOTALS (4 FOR COUNTY TOTAL, IF REQUESTED).
3/ USE ONLY 7 COUNTER POSITIONS.

ITEM _____ CROP _____ $

TABULATED		CHECKED	EXAMINED
VERIFIED		ADDED	VERIFIED
REVISED		COMPUTED	RECHECKED
		VERIFIED	CHANGED COLUMNS READDED

	SORT INDICATION				FARMS 1/	EX. CESS	KIND								KIND					FARMS REPORTING EITHER CROP									
	STATE	CO.	ITEM	MCD			FARMS REPORTING	TREES NOT OF BEARING AGE, NUMBER *	TREES OF BEARING AGE, NUMBER	QUANTITY HARVESTED (UNIT)	EIGHTHS		FARMS REPORTING	TREES NOT OF BEARING AGE, NUMBER	TREES OF BEARING AGE, NUMBER	QUANTITY HARVESTED (UNIT)	EIGHTHS		TREES NOT OF BEARING AGE	TREES OF BEARING AGE	QUANTITY HARVESTED									
41						X IN 80 CC																								
40																														
39	3-4	5-6	15-19	7-8	80 2/		NO X IN 51, 55 OR 60 80 3/	51-54 3/	55-59	60-65			NO X IN 64, 70 OR 74 80 3/	66-69	70-73	74-79			NO X IN 51 OR 66 80 3/	NO X IN 55 OR 70 80 3/	NO X IN 60 OR 74 80 3/									
	1 2	3 4	5 6	7 8	9 10 11 12	13 14	15 16 17	18 19 20 21 22 23 24 25 26	27 28 29 30 31 32 33 34	35 36 37 38 39 40 41 42 43			1 2 3 4	5 6 7 8 9 10	11 12 13 14 15 16 17	18 19 20 21 22 23 24 25 26 27			28 29 30 31 32	33 34 35 36 37	38 39 40 41	42 43 44 45								
38					1	2	3	4	5	6			7	8	9	10			11	12	13	14	15	16	17	18	19	20	21	22
37	TOTAL																													
36																														
35																														
34																														
33																														
32																														
31																														
5																														
4																														
3																														
2																														
1									UNIT PRICE	$					UNIT PRICE	$														
0									TOTAL VALUE	$					TOTAL VALUE	$														

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 39 STOP 2

STATE _____

COUNTY _____

RESULT SLIP NO. 51—Apples by Number of Trees of Bearing Age — CARD N and O—Item 85

SORT: NUMBER OF TREES OF BEARING AGE (COL. 25-29)
CODE:
1-99 LESS THAN 100 TREES
100-199 100 TO 199 TREES
200-999 200 TO 999 TREES
1,000-4,999 1,000 TO 4,999 TREES
5,000 AND OVER 5,000 TREES AND OVER
X NO TREES OF BEARING AGE REPORTED

UNIT:
TON IN REGION 9, BUSHEL IN ALL OTHER REGIONS.

TABULATE ITEM 85 ONLY (9 IN COL. 18 AND 5 IN COL. 19)

USE FRACTIONAL COUNTERS FOR CARD COL. 35 (O CARD).

WHERE 49 (80) APPEARS 49 IS APPLICABLE FOR CARD N AND 80 FOR CARD O.

1/ SHOW BOTH COUNTY TOTALS AND TOTALS FOR INDICATED SORTS
2/ USE ONLY 4 COUNTER POSITIONS.

SUBTRACT FROM THE TABULATED FIGURES IN COLS. 10 TO 14 ANY DUPLICATIONS OF COUNTS DUE TO THE INCLUSION IN COUNT OF BOTH PINK MASTER AND GREEN EXCESS CARDS.

$

TABULATED		CHECKED	EXAMINED
VERIFIED		ADDED	VERIFIED
REVISED		COMPUTED	RECHECKED
		VERIFIED	CHANGED COLUMNS READDED

	SORT INDICATION			FARMS 1/	EX. CESS	TREES NOT OF BEARING AGE		TREES OF BEARING AGE		QUANTITY HARVESTED NO X IN 30			FARMS CLASSIFIED BY NUMBER OF TREES NOT OF BEARING AGE						YIELD PER TREE OF BEARING AGE FOR FARMS REPORTING QUANTITY HARVESTED (0.0)	RATIO OF TREES OF BEARING AGE TO TOTAL TREES (0.0%)							
	STATE	CO.	TREES OF BEARING AGE			FARMS REPORTING	NUMBER	FARMS REPORTING	NUMBER	FARMS REPORTING	TREES OF BEARING AGE OR FARMS REPORTING QUANTITY HARVESTED, NUMBER	QUANTITY HARVESTED (UNIT) EIGHTHS	LESS THAN 100 TREES	100 TO 199 TREES	200 TO 999 TREES	1,000 TO 4,999 TREES 3/	5,000 TREES AND OVER d 5-9 IN 21; 3/ OR NO X IN 21 & X IN 49 (80) CC									
41					X IN 49 (80) CC																							
40																												
39	3-4	5-6	25-29	49 (80)		NO X IN 21 49 (80)	21-24	NO X IN 25 3/ 49 (80)	25-29	49 (80) 4/	25-29	30-34 (FOR CARD N) 30-35 (FOR CARD O)	d 0 IN 21 & 3/ d 0 IN 22 49 (80)	d 0 IN 21 & 3/ d 1 IN 22 49 (80)	d 0 IN 21 & 3/ d 2-9 IN 22 49 (80)	d 1-4 IN 21 49 (80)												
	1 2	3 4	5 6 7 8 9	10 11 12 13	14 15	16 17 18 19 20 21 22 23 24 25 26	27 28 29 30 31	32 33 34 35 36 37 38	39 40 41 42 43	1 2 3 4 5 6 7	8	9 10 11 12 13 14 15	16 17 18 19 20	21 22 23 24 25	26 27 28 29 30	31 32 33 34 35	36 37 38 39 40	41 42 43 44 45	9+8	6+(4+6)								
38				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
37	TOTAL																											
36																												
35																												
34																												

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 38 STOP 3

RESULT SLIP NO. 52—Value of Products Sold (or Traded) or Used by Households on Farm, First of Two Runs by MCD

CARD P

STATE _____ SORT: MCD (COL. 7-8)

COUNTY _____

EXCLUDE FROM THE TABULATIONS ALL CARDS PUNCHED X IN COL. 13

* CLEAR COUNTERS ON MAXIMUM READING.

1/ USE ONLY 3 COUNTER POSITIONS.

TABULATED		CHECKED	EXAMINED
VERIFIED		ADDED	VERIFIED
REVISED		COMPUTED	RECHECKED
		VERIFIED	CHANGED COLUMNS READDED

	SORT INDICATION			FARMS *	EXCESS X IN CC	TOTAL VALUE OF PRODUCTS		LIVESTOCK AND LIVESTOCK PRODUCTS SOLD		ANY CROPS SOLD		FOREST PRODUCTS SOLD		PRODUCTS USED BY HOUSEHOLDS ON FARM		LIVESTOCK SOLD		FARMS REPORTING				VALUE PER FARM REPORTING ($ ONLY)							
	STATE	CO.	MCD			FARMS REPORTING	AMOUNT, DOLLARS *	FARMS REPORTING	AMOUNT, DOLLARS	FARMS REPORTING	AMOUNT, DOLLARS	FARMS REPORTING	AMOUNT, DOLLARS *	FARMS REPORTING	AMOUNT, DOLLARS *	FARMS REPORTING	AMOUNT, DOLLARS	PRODUCTS USED BY HOUSEHOLDS ONLY	LIVESTOCK OR LIVESTOCK PRODUCTS AND NO CROPS	CROPS AND NO LIVESTOCK OR LIVESTOCK PRODUCTS	FOREST PRODUCTS AND NO OTHER SALES	ALL PRODUCTS	LIVESTOCK AND LIVESTOCK PRODUCTS	CROPS	FOREST PRODUCTS	PRODUCTS USED BY HOUSEHOLD ON FARM	LIVESTOCK	VALUE OF ALL PRODUCTS PER ACRE OF LAND IN FARMS ($0.00)	VALUE OF CROPS SOLD PER ACRE OF CROPLAND HARVESTED ($0.00)
41																													
40						NO X IN 11		(62) NO X IN 58 OR 59		(62) NO X IN 58		(232) NO X IN 58		(231) NO X IN 54		(74) NO X IN 19		62	62 1/	62	62 1/							RS 12 RS 1	RS 12 RS 1
39	3-4	5-6	7-8	62	CC	62	66-70	62	71-75	62	76-80	62	58-61	62	54-57	62	19-23	62	62 1/	62	62 1/	4-3	6-5	8-7	10-9	12-11	14-13	4-3	8-4
	1 2 3 4 5 6 7 8 9 10					11 12 13	14 15 16 17 18 19 20 21	22 23 24	25 26 27 28 29 30 31 32	33 34 35	36 37 38 39 40 41 42 43	1 2 3	4 5 6 7 8 9 10	11 12 13	14 15 16 17 18 19 20	21 22 23	24 25 26 27 28 29 30 31	32 33 34	35 36 37 38	39 40 41	42 43 44 45									
38			1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
37	TOTAL																												
3																													
2																													
1	PERCENT OF ALL FARMS (0.0%) RESPECTIVE TOTAL-1-RS1, COL. 1						X X X X X		X X X X X		X X X X X		X X X X X		X X X X		X X X X X												
0	PERCENT OF TOTAL (0.0%) RESPECTIVE TOTAL-1-COL. 4			XXX			100.0%	XXX		XXX		XXX		XXX		XXX		XXX	XXX	XXX	XXX								

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940
INDICATOR: START 38 STOP 3

RESULT SLIP NO. 53—Value of Products Sold (or Traded) or Used by Households on Farm, Second of Two Runs, by MCD

CARD P

STATE _____ SORT: MCD (COL. 7-8)

COUNTY _____

EXCLUDE FROM THE TABULATIONS ALL CARDS PUNCHED X IN COL. 13

* CLEAR COUNTERS ON MAXIMUM READING.

1/ USE ONLY 3 COUNTER POSITIONS.

TABULATED		CHECKED	EXAMINED
VERIFIED		ADDED	VERIFIED
REVISED		COMPUTED	RECHECKED
		VERIFIED	CHANGED COLUMNS READDED

	SORT INDICATION			FARMS *	EXCESS X IN CC	DAIRY PRODUCTS SOLD		WOOL, MOHAIR, MEAT, ETC SOLD		POULTRY AND POULTRY PRODUCTS SOLD		FIELD CROPS SOLD		VEGETABLES SOLD		FRUITS AND NUTS SOLD		HORTICULTURAL SPECIALTIES SOLD		FARMS REPORTING		VALUE PER FARM REPORTING ($ ONLY)								
	STATE	CO.	MCD			FARMS REPORTING	AMOUNT, DOLLARS *	FARMS REPORTING	AMOUNT, DOLLARS *	FARMS REPORTING	AMOUNT, DOLLARS *	FARMS REPORTING	AMOUNT, DOLLARS *	FARMS REPORTING	AMOUNT, DOLLARS *	FARMS REPORTING	AMOUNT, DOLLARS *	FARMS REPORTING	AMOUNT, DOLLARS *	LIVESTOCK PRODUCTS OR POULTRY	LIVESTOCK WITH NO LIVESTOCK PRODUCTS OR POULTRY	DAIRY PRODUCTS	WOOL, MOHAIR, MEAT, ETC.	POULTRY AND POULTRY PRODUCTS	FIELD CROPS	VEGE-TABLES	FRUITS AND NUTS	HORTICULT-URAL SPECIALTIES	VALUE OF DAIRY PRODUCTS SOLD PER COW MILKED ($0.00)
41																													
40						(61) NO X IN 11	(61)	(86) NO X IN 28	(86)	(81) NO X IN 34	(81)	(143) NO X IN 34	(143)	(145-168) NO X IN 38	(145-168)	(229) NO X IN 48	(229)	(169-171) NO X IN 44	(169-171)	NO X IN 1/ 14, 24 OR 29	NO X IN 19 & 1/ 14, 24 OR 29								RS 53 RS 28
39	3-4	5-6	7-8	62	CC	62	14-18	62	29-33	62	24-28	62	34-38	62	39-43	62	49-53	62	44-48	62	62	4-3	6-5	8-7	10-9	12-11	14-13	16-15	4-9
	1 2 3 4 5 6 7 8 9 10					11 12 13	14 15 16 17 18 19 20	21 22 23 24	25 26 27 28 29 30	31 32 33	34 35 36 37 38 39 40	41 42 43	1 2 3 4 5 6 7	8 9 10	11 12 13 14 15 16 17	18 19 20	21 22 23 24 25 26 27	28 29 30	31 32 33 34 35 36 37	38 39 40 41	42 43 44 45									
38			1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
37	TOTAL																												
36																													
35																													
4																													
3																													
2																													
1	PERCENT OF ALL FARMS (0.0%) RESPECTIVE TOTAL-1-RS1, COL. 1						X X X X X		X X X X X		X X X X X		X X X X X		X X X X X		X X X X X		X X X X X										
0	PERCENT OF TOTAL (0.0%) RESPECTIVE TOTAL-1-RS2, COL. 4			XXX				XXX		XXX		XXX		XXX		XXX		XXX		XXX	XXX								

534992 O - 43 - 6

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 54 — Value of Products Sold (or Traded) or Used By Households on Farm, by Value of Total Products Per Farm, First of Two Runs

CARD P

INDICATOR: START 38 STOP 1

STATE ____________

COUNTY ____________

SORT: VALUE OF PRODUCTS
CODE: (COL. 65)
1 NONE
1 UNDER $100
2 $100 TO 249
3 $250 TO 399
4 $400 TO 599
5 $600 TO 749
5 $750 TO 999
6 $1,000 TO 1,499
7 $1,500 TO 1,999
7 $2,000 TO 2,499
8 $2,500 TO 3,999
9 $4,000 TO 5,999
0 $6,000 TO 9,999
X $10,000 TO 19,999
V $20,000 TO 29,999
V $30,000 TO 39,999
V $40,000 TO 49,999
V $50,000 TO 74,999
V $75,000 TO 99,999
V $100,000 AND OVER

CONTROL (COLS. 1-2)

EXCLUDE FROM THE TABULATIONS ALL CARDS PUNCHED X IN COL. 13

CLEAR COUNTERS ON MAXIMUM READING

$

TABULATED	ADDED	CHECKED	EXAMINED
VERIFIED	COMPUTED		VERIFIED
REVISED	VERIFIED		RECHECKED
			CHANGED COLUMNS READDED

Sort indication: State	Co.	Value of products	Farms #	Excess	Total value of products #	Livestock sold: Farms reporting	Livestock sold: Amount, dollars	Dairy products sold: Farms reporting	Dairy products sold: Amount, dollars	Wool, mohair, meat, etc. sold: Farms reporting	Wool, mohair, meat, etc. sold: Amount, dollars	Poultry and poultry products sold: Farms reporting	Poultry and poultry products sold: Amount, dollars	Field crops sold: Farms reporting	Field crops sold: Amount, dollars	Vegetables sold: Farms reporting	Vegetables sold: Amount, dollars	Sort indication value of products	Value per farm reporting: All products	Livestock	Dairy products	Wool, mohair, meat, etc.	Poultry and poultry products	Field crops	Vegetables	Ratio of farms reporting the value of field crops sold to total farms reporting the value of products
				X IN 62		(74)	(74)	(81)	(81)	(86)	(86)	(81)	(81)	(143)	(143)	(145-168)	(145-168)									
3-4	5-6	65	62	CC	66-70	NO X IN 18 62	19-23	NO X IN 14 62	14-18	NO X IN 29 62	29-33	NO X IN 24 62	24-28	NO X IN 34 62	34-38	NO X IN 39 62	39-43	1-2								(0.0%)
1 2	3 4	5	6 7 8 9	10	11 12 13 14 15 16 17	18 19 20 21	22 23 24 25 26 27 28	29 30 31 32	33 34 35 36 37 38 39	40 41 42 43	1 2 3 4 5 6 7	8 9 10 11	12 13 14 15 16 17 18	19 20 21 22	23 24 25 26 27 28 29	30 31 32 33	34 35 36 37 38 39 40	41 42 43 44 45	3÷1	5÷4	7÷6	9÷8	11÷10	13÷12	15÷14	12÷1
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
TOTAL																										

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 55 — Value of Products Sold (or Traded) or Used by Households on Farm, By Value of Total Products Per Farm, Second of Two Runs

CARD P

INDICATOR: START 36 STOP 1

STATE ____________

COUNTY ____________

SORT: VALUE OF PRODUCTS,
CODE: (COL. 65)
1 NONE
1 UNDER $100
2 $100 TO 249
3 $250 TO 399
4 $400 TO 599
5 $600 TO 749
5 $750 TO 999
6 $1,000 TO 1,499
7 $1,500 TO 1,999
7 $2,000 TO 2,499
8 $2,500 TO 3,999
9 $4,000 TO 5,999
0 $6,000 TO 9,999
X $10,000 TO 19,999
V $20,000 TO 29,999
V $30,000 TO 39,999
V $40,000 TO 49,999
V $50,000 TO 74,999
V $75,000 TO 99,999
V $100,000 AND OVER

CONTROL (COLS. 1-2)

EXCLUDE FROM THE TABULATIONS ALL CARDS PUNCHED X IN COL. 13

CLEAR COUNTERS ON MAXIMUM READING

1/ USE ONLY 3 COUNTER POSITIONS

TABULATED	ADDED	CHECKED	EXAMINED
VERIFIED	COMPUTED		VERIFIED
REVISED	VERIFIED		RECHECKED
			CHANGED COLUMNS READDED

Sort indication: State	Co.	Value of products	Farms #	Excess	Fruits and nuts sold: Farms reporting	Fruits and nuts sold: Amount, dollars #	Horticultural specialties sold: Farms reporting	Horticultural specialties sold: Amount, dollars #	Forest products sold: Farms reporting	Forest products sold: Amount, dollars #	Products used by households on farm: Farms reporting	Products used by households on farm: Amount, dollars	Farms reporting: Livestock or livestock products	Any crops	Products used by households only	Livestock or livestock products and no crops	Any crops and no livestock or livestock products	Forest products and no other sales	Livestock products or poultry	Livestock with no livestock products or poultry	Sort indication value of products	Value per farm reporting: Fruits and nuts	Horticultural specialties	Forest products	Products used by households on farm	Ratio of farms reporting to total farms reporting value of products (0.0%): Livestock or livestock products	Any crops	Livestock products or poultry	Fruits and nuts
				X IN 62	(229)	(229)	(169-171)	(169-171)	(232)	(232)	(231)	(231)																	
3-4	5-6	65	62	CC	NO X IN 49 62	49-53	NO X IN 44 62	44-48	NO X IN 58 62	58-61	NO X IN 54 62	54-57	d 1-9 IN ANY COL. 71-75 62	d 1-9 IN ANY COL. 76-80 62	NO X IN 54, X IN 58, & d 0 IN ALL COLS. 71-80 62	d 1-9 IN ANY COL. 71-75 & d 0 IN ALL COLS. 76-80 62	d 0 IN ALL COLS. 71-75 & d 1-9 IN ANY COL. 76-80 62	NO X IN 58 & d 0 IN ALL COLS. 71-80 62 1/	NO X IN 14, 24 OR 29 62	NO X IN 19 & X IN 14, 24, AND 29 62	1-2								
1 2	3 4	5	6 7 8 9	10	11 12 13 14	15 16 17 18 19 20 21	22 23 24 25	26 27 28 29 30 31 32	33 34 35 36	37 38 39 40 41 42 43	1 2 3 4	5 6 7 8 9 10 11	12 13 14 15	16 17 18 19	20 21 22 23	24 25 26 27	28 29 30 31	32 33 34 35	36 37 38 39	40 41 42 43	44 45	4÷3	6÷5	8÷7	10÷9	11÷1	12÷1	17÷1	3÷1
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
TOTAL																													

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 56 — Value of Products Sold (or Traded) or Used By Households on Farm, First of Two Runs By Major Source

CARD P

INDICATOR: START 38 STOP 1

STATE ____________

COUNTY ____________

SORT: MAJOR SOURCE (COL. 13)
CODE:
1 DAIRY PRODUCTS SOLD OR TRADED
2 LIVESTOCK SOLD OR TRADED
3 POULTRY AND POULTRY PRODUCTS SOLD OR TRADED
4 WOOL, MOHAIR, MEAT, ETC., SOLD OR TRADED
5 FIELD CROPS SOLD OR TRADED
6 VEGETABLES SOLD
7 HORTICULTURAL SPECIALTIES SOLD
8 FRUITS AND NUTS SOLD OR TRADED
9 PRODUCTS USED BY HOUSEHOLDS ON FARM
0 FOREST PRODUCTS SOLD
V ZERO TOTAL VALUE
X UNCLASSIFIED

USE CONTROL OF NO X IN 13 FOR R. S. COLS 3 TO 16, INCLUSIVE.

CLEAR COUNTERS ON MAXIMUM READING

$

TABULATED	ADDED	CHECKED	EXAMINED
VERIFIED	COMPUTED		VERIFIED
REVISED	VERIFIED		RECHECKED
			CHANGED COLUMNS READDED

Sort indication: State	Co.	Major source	Farms #	Excess	Total value of products #	Livestock sold: Farms reporting	Livestock sold: Amount, dollars	Dairy products sold: Farms reporting	Dairy products sold: Amount, dollars	Wool, mohair, meat, etc. sold: Farms reporting	Wool, mohair, meat, etc. sold: Amount, dollars	Poultry and poultry products sold: Farms reporting	Poultry and poultry products sold: Amount, dollars	Field crops sold: Farms reporting	Field crops sold: Amount, dollars	Vegetables sold: Farms reporting	Vegetables sold: Amount, dollars		Value per farm reporting: All products	Field crops	Percent of total value of products (0.0%): Livestock	Dairy products	Wool, mohair, meat, etc.	Poultry and poultry products	Field crops	Vegetables
				X IN 62		(74)	(74)	(81)	(81)	(86)	(86)	(81)	(81)	(143)	(143)	(145-168)	(145-168)									
3-4	5-6	13	62	CC	66-70	NO X IN 19 62	19-23	NO X IN 14 62	14-18	NO X IN 29 62	29-33	NO X IN 24 62	24-28	NO X IN 34 62	34-38	NO X IN 39 62	39-43									
1 2	3 4	5	6 7 8 9	10	11 12 13 14 15 16 17	18 19 20 21	22 23 24 25 26 27 28	29 30 31 32	33 34 35 36 37 38 39	40 41 42 43	1 2 3 4 5 6 7	8 9 10 11	12 13 14 15 16 17 18	19 20 21 22	23 24 25 26 27 28 29	30 31 32 33	34 35 36 37 38 39 40	41 42 43 44 45	3÷1	13÷12	5÷3	7÷3	9÷3	11÷3	13÷3	15÷3
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
TOTAL																										

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

RESULT SLIP NO. 57 — Value of Products Sold (or Traded) or Used By Households on Farm, Second of Two Runs By Major Source

CARD P

INDICATOR: START 38 STOP 1

STATE ____________

COUNTY ____________

SORT: MAJOR SOURCE (COL. 13)
CODE:
1 DAIRY PRODUCTS SOLD OR TRADED
2 LIVESTOCK SOLD OR TRADED
3 POULTRY AND POULTRY PRODUCTS SOLD OR TRADED
4 WOOL, MOHAIR, MEAT, ETC., SOLD OR TRADED
5 FIELD CROPS SOLD OR TRADED
6 VEGETABLES SOLD
7 HORTICULTURAL SPECIALTIES SOLD
8 FRUITS AND NUTS SOLD OR TRADED
9 PRODUCTS USED BY HOUSEHOLDS ON FARM
0 FOREST PRODUCTS SOLD
V ZERO TOTAL VALUE
X UNCLASSIFIED

USE CONTROL OF NO X IN COL. 13 FOR R. S. COLS. 3 TO 18, INCLUSIVE.

CLEAR COUNTERS ON MAXIMUM READING

1/ USE ONLY 3 COUNTER POSITIONS

$

TABULATED	ADDED	CHECKED	EXAMINED
VERIFIED	COMPUTED		VERIFIED
REVISED	VERIFIED		RECHECKED
			CHANGED COLUMNS READDED

Sort indication: State	Co.	Major source	Farms #	Excess	Fruits and nuts sold: Farms reporting	Fruits and nuts sold: Amount, dollars #	Horticultural specialties sold: Farms reporting	Horticultural specialties sold: Amount, dollars #	Forest products sold: Farms reporting	Forest products sold: Amount, dollars #	Products used by households on farm: Farms reporting	Products used by households on farm: Amount, dollars	Farms reporting: Livestock or livestock products	Any crops	Products used by households only	Livestock or livestock products and no crops	Any crops and no livestock or livestock products	Forest products and no other sales	Livestock products or poultry	Livestock with no livestock products or poultry		Value per farm reporting: Fruits and nuts	Products used by households on farm	Percent of farms reporting value: Livestock or livestock products	Any crop	Percent of total value of products (0.0%): Fruits and nuts	Horticultural specialties	Forest products	Products used by households on farm
				X IN 62	(229)	(229)	(169-171)	(169-171)	(232)	(232)	(231)	(231)												(0.0%)	(0.0%)				
3-4	5-6	13	62	CC	NO X IN 49 62	49-53	NO X IN 44 62	44-48	NO X IN 58 62	58-61	NO X IN 54 62	54-57	d 1-9 IN ANY COL. 71-75 62	d 1-9 IN ANY COL. 76-80 62	NO X IN 54, X IN 58, & d 0 IN ALL COLS. 71-80 62	d 1-9 IN ANY COL. 71-75 & d 0 IN ALL COLS. 76-80 62	d 0 IN ALL COLS. 71-75 & d 1-9 IN ANY COL. 76-80 62	NO X IN 58 & d 0 IN ALL COLS. 71-80 62 1/	NO X IN 14, 24, OR 29 62	NO X IN 19 & X IN 14, 24, AND 29 62									
1 2	3 4	5	6 7 8 9	10	11 12 13 14	15 16 17 18 19 20 21	22 23 24 25	26 27 28 29 30 31 32	33 34 35 36	37 38 39 40 41 42 43	1 2 3 4	5 6 7 8 9 10 11	12 13 14 15	16 17 18 19	20 21 22 23	24 25 26 27	28 29 30 31	32 33 34 35	36 37 38 39	40 41 42 43	44 45	4÷3	10÷9	11÷1	12÷1	4÷3	6÷3	8÷3	10÷3
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
TOTAL																													

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE, 1940

INDICATOR: START 42 STOP 4

STATE

42 COUNTY

RESULT SLIP NO. 58 — Cross-Line Acreage — Total Acreage and Cross-Line Acreage For Farms Reporting Land in More than one MCD, By MCD in which the Farm is Enumerated

CARD Q

SORT STATE, COUNTY, AND MCD IN WHICH FARM IS ENUMERATED
STATE (COL. 3-4); COUNTY (COL. 5-6); MCD (COL. 7-8)
USE ALPHABETIC TABULATOR

LIST, ALL CARDS
1/ SHOW BOTH COUNTY AND MCD TOTALS
2/ USE ONLY 7 COUNTER POSITIONS
3/ SHOW COUNTY TOTALS ONLY

	CHECKED	EXAMINED
TABULATED	ADDED	VERIFIED
VERIFIED	COMPUTED	RECHECKED
REVISED	VERIFIED	CHANGED COLUMNS READDED

(LIST ONLY) CROSS-LINE ACREAGE LOCATED IN

	MCD 18-39 →	COUNTY 43-59 →	STATE 63-66	SORT INDICATION			TOTAL OF MCD'S INTO WHICH ACREAGE EXTENDS	EXCESS AND TRAILER	NUMBER OF FARMS 3/	ALL LAND IN FARMS, ACRES 1/	LAND IN OTHER MCD'S, ACRES 1/	SCHEDULE NUMBER
	FARMS WITH ACREAGE EXTENDING INTO OTHER STATES (COUNTY TOTALS ONLY) d 1-9 IN 43	FARMS WITH ACREAGE EXTENDING INTO OTHER COUNTIES (COUNTY TOTALS ONLY) d 1-9 IN 43		STATE	CO	MCD		X IN 72 OR NO X IN 73	X IN 73	X IN 73		NO d 1-9 IN 18 & 43 72 3/
	ALL LAND IN FARMS, ACRES d 1-9 IN 43 & X IN 73	LAND IN OTHER STATES, ACRES	ALL LAND IN FARMS, ACRES d 1-9 IN 43 & X IN 73	LAND IN OTHER COUNTIES ACRES								
	72 13-17 3/	67-71 3/	72 13-17 3/	67-71 3/	3-4	5-6	7-8	72 CC	72	13-17	67-71	9-12
	1 2 3		4 5 6		7	8	9	10 11	12	13	14	15

TOTAL

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

INDICATOR: START 42 STOP 4

STATE

RESULT SLIP NO. 59 — Cross-Line Acreage — Total Acreage and Cross-Line Acreage For Farms Reporting Land in More than one COUNTY, By COUNTY in which the Cross-Line Acreage is Located

CARD Q

SORT: STATE AND COUNTY IN WHICH THE CROSS-LINE ACREAGE IS LOCATED
STATE (COL. 63-66); COUNTY (COL. 43-62)

SORT ONLY THE COLUMNS AND ONLY SUFFICIENT COLUMNS, REQUIRED TO GIVE THE DESIRED BREAKDOWN
USE ALPHABETIC TABULATOR

LIST ALL CARDS

TABULATE ONLY CARDS PUNCHED d 1-9 IN 43
1/ SHOW STATE TOTALS ONLY
2/ SHOW BOTH STATE AND COUNTY TOTALS.
3/ USE ONLY 7 COUNTER POSITIONS.
4/ USE ONLY 2 COUNTER POSITIONS.

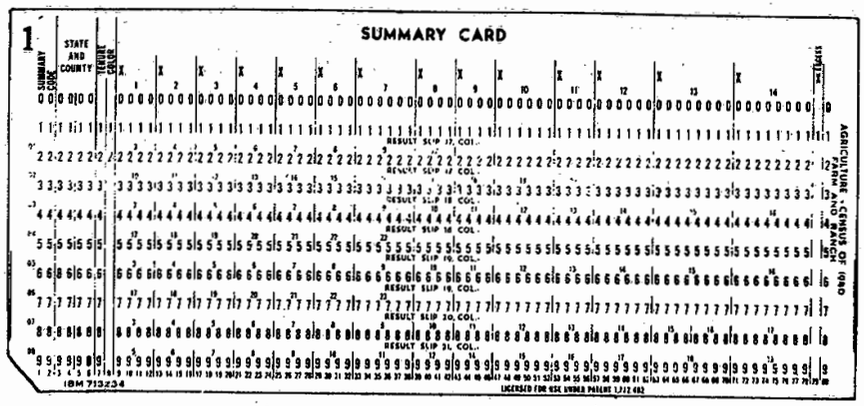
2 Runs; EACH STATE IN WHICH FARM IS ENUMERATED
1. CROSS LINE ACREAGE IN OTHER COUNTIES OF STATE
2. CROSS LINE ACREAGE IN OTHER STATES

	CHECKED	EXAMINED
TABULATED	ADDED	VERIFIED
VERIFIED	COMPUTED	RECHECKED
REVISED	VERIFIED	CHANGED COLUMNS READDED

TOTALS FOR CHECKING ONLY

	SORT INDICATION					FARM ENUMERATED IN (LIST ONLY)			NUMBER OF FARMS 3/	TRAILER 1/	EXCESS 1/	TOTAL ACRES IN FARMS 1/	ACRES IN THIS MCD 1/	SCHEDULE NUMBER
	MCD 18-39	COUNTY 43-59	STATE 63-66			STATE	CO.	MCD						
	FARMS ENUMERATED IN OTHER STATES d 1-9 IN 43	FARMS ENUMERATED IN OTHER COUNTIES (COUNTY TOTALS ONLY) d 1-9 IN 43							X IN 73 OR 77	73	X IN 72 4/	X IN 73		
	ALL LAND IN FARMS, ACRES d 1-9 IN 43 & NO X IN 73	LAND IN THIS STATE, ACRES 3/	ALL LAND IN FARMS, ACRES d 1-9 IN 43 & NO X IN 73	LAND IN THIS COUNTY, ACRES										
	72 13-17 3/	67-71 3/	72 13-17 3/	67-71 3/		3-4	5-6	7-8	72	CC	CC	13-17	67-71	9-12
	1 2 3		4 5 6			7	8	9	10	11	12	13	14	15

TOTAL



SUMMARY RESULT SLIP NO. 1 — Age, By Color and Tenure of Operator

SUMMARY CARD NO. 1

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

STATE _____

TABULATE ONLY CARDS PUNCHED d 1 in Col. 2

SORT: TENURE—COLOR
TENURE (COL. 7)
CODE:
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7, 9 } CROPPER
8. OTHER TENANT

COLOR (COL. 8)
CODE:
1. WHITE
2. NONWHITE

* CLEAR COUNTERS ON MAXIMUM READING.

	CHECKED	EXAMINED
TABULATED	ADDED	VERIFIED
VERIFIED	COMPUTED	RECHECKED
REVISED	VERIFIED	CHANGED COLUMNS READDED

SORT INDICATION					AGE OF OPERATOR (3)							TOTAL FARMS REPORTING AGE OF OPERATOR *		TOTAL YEARS *	
STATE	CO.	CODE T	CODE C	Summary Code	OPERATORS REPORTING: UNDER 25 YRS.	25 TO 34 YRS	35 TO 44 YRS	45 TO 54 YRS.	55 TO 64 YRS.	65 YRS & OVER					
3-4	5-6	7	8	1-2	9-12	13-16	17-20	21-24	25-28	29-32		39-42		d 1 in 2; 33-38	
					1.	2.	3.	4.	5.	6.	7.	8.		12.	

SUMMARY RESULT SLIP NO. 2 — Year of Occupancy, By Color and Tenure of Operator

SUMMARY CARD NO. 1

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

STATE _____

TABULATE ONLY CARDS PUNCHED d 2 in Col. 2

SORT: TENURE—COLOR
TENURE (COL. 7)
CODE:
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7, 9 } CROPPER
8. OTHER TENANT

COLOR (COL. 8)
CODE:
1. WHITE
2. NONWHITE

* CLEAR COUNTERS ON MAXIMUM READING

	CHECKED	EXAMINED
TABULATED	ADDED	VERIFIED
VERIFIED	COMPUTED	RECHECKED
REVISED	VERIFIED	CHANGED COLUMNS READDED

SORT INDICATION					YEAR OF OCCUPANCY (30)										TOTAL OF FARMS REPORTING YEAR OF OCCUPANCY IN		TOTAL OF YEAR OF OCCUPANCY
STATE	CO.	CODE T	CODE C	Summary Code	OPERATORS REPORTING: 1940	1935	1930	1917	1926	1921 TO 1920	1925 TO 1930	1900 TO 1925 *	BEFORE 1900				
3-4	5-6	7	8	1-2	9-12	13-16	17-20	21-24	25-28	29-32	34-38	39-42	43-46		53-56		d 2 in Col.2; 47-52
					1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.		

SUMMARY RESULT SLIP NO. 3 — AUTOMOBILES, BY COLOR AND TENURE OF OPERATOR

SUMMARY CARD NO. 1

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

STATE _____

TABULATE ONLY CARDS PUNCHED d 3 in Col. 2

* CLEAR COUNTERS ON MAXIMUM READING

SORT: TENURE—COLOR

TENURE (COL. 7)
CODE:
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7, 9 } CROPPER
8. OTHER TENANT

COLOR (COL 8)
CODE:
1. WHITE
2. NONWHITE

	CHECKED		EXAMINED
TABULATED	ADDED		VERIFIED
VERIFIED	COMPUTED		RECHECKED
REVISED	VERIFIED		CHANGED COLUMNS READDED

SORT INDICATION					FARMS REPORTING YEAR OF LATEST MODEL AUTOMOBILES (44)											TOTAL OF YEAR OF LATEST MODEL *	NUMBER OF AUTOMOBILES	
STATE	CO.	CODE T	CODE C	Summary Code	1940	1939	1938	1937	1936	1935	1934	1933 *	1932	1931 *	1930 & EARLIER *		FARMS REPORTING	TOTAL
3-4	5-6	7	8	1-2	9-12	13-16	17-20	21-24	25-28	29-32	34-38	39-42	43-46	48-52	53-56	57-62	64-70	71-78
					1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.

SUMMARY RESULT SLIP NO. 4 — KIND OF ROAD, BY COLOR AND TENURE OF OPERATOR

SUMMARY CARD NO. 1

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

STATE _____

SORT: TENURE—COLOR

TENURE (COL. 7)
CODE:
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7, 9 } CROPPER
8. OTHER TENANT

COLOR (COL 8)
CODE:
1. WHITE
2. NONWHITE

TABULATE ONLY CARDS PUNCHED d 4 in Col. 2

* CLEAR COUNTERS ON MAXIMUM READING.

	CHECKED		EXAMINED
TABULATED	ADDED		VERIFIED
VERIFIED	COMPUTED		RECHECKED
REVISED	VERIFIED		CHANGED COLUMNS READDED

SORT INDICATION					FARMS REPORTING (50)						
					HIGHER CLASS FOR EACH FARM				SECONDARY CLASS FOR EACH FARM		
STATE	CO.	CODE T	CODE C	Summary Code	HARD-SURFACED	GRAVEL, ETC.	IMPROVED DIRT	UNIMPROVED DIRT	GRAVEL, ETC.	IMPROVED DIRT	UNIMPROVED DIRT
3-4	5-6	7	8	1-2	9-12	13-16	17-20	21-24	25-28	29-32	34-38
					1.	2.	3.	4.	5.	6.	7.

SUMMARY RESULT SLIP NO. 5 — Motor Trucks, By Color and Tenure of Operator

SUMMARY CARD NO. 1

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

STATE _____

TABULATE ONLY CARDS PUNCHED d 5 in Col. 2

* CLEAR COUNTERS ON MAXIMUM READING

SORT: TENURE—COLOR
TENURE (COL. 7)
CODE:
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7, 9 } CROPPER
8. OTHER TENANT

COLOR (COL. 8)
CODE:
1. WHITE
2. NONWHITE

	CHECKED		EXAMINED
TABULATED	ADDED		VERIFIED
VERIFIED	COMPUTED		RECHECKED
REVISED	VERIFIED		CHANGED COLUMNS READDED

SORT INDICATION					FARMS REPORTING YEAR OF LATEST MODEL, MOTOR TRUCKS (45)											TOTAL OF YEAR OF LATEST MODEL *	NUMBER OF MOTOR TRUCKS	
STATE	CO.	CODE T	CODE C	Summary Code	1940	1939	1938	1937	1936	1935	1934	1933 *	1932	1931 *	1930 AND EARLIER *		FARMS REPORTING	TOTAL
3-4	5-6	7	8	1-2	9-12	13-16	17-20	21-24	25-28	29-32	34-38	39-42	43-46	48-52	53-56	57-62	64-70	71-78
					1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

STATE _____

SUMMARY RESULT SLIP NO. 6—Specified Farm Facilities, By Color and Tenure of Operator

SUMMARY CARD NO. 1

TABULATE ONLY CARDS PUNCHED d 6 in Col. 2

SORT: TENURE—COLOR
TENURE (COL. 7)
CODE:
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7, 9 CROPPER
8. OTHER TENANT

COLOR (COL. 8)
CODE:
1. WHITE
2. NONWHITE

* CLEAR COUNTERS ON MAXIMUM READING

TABULATED		CHECKED	EXAMINED
VERIFIED		ADDED	VERIFIED
REVISED		COMPUTED	RECHECKED
		VERIFIED	CHANGED COLUMNS READDED

SORT INDICATION					FARMS REPORTING						
STATE	CO.	CODE T	CODE C	Summary Code	ELECTRIC DISTRIBUTION LINE— WITHIN ¼ MILE (47)	ELECTRIC DISTRIBUTION LINE— NOT WITHIN ¼ MILE (47)	DWELLING LIGHTED BY ELECTRICITY FROM— POWER LINE (48)	DWELLING LIGHTED BY ELECTRICITY FROM— HOME PLANT TOTAL (48)	DWELLING LIGHTED BY ELECTRICITY FROM— HOME PLANT ELEC. DIST. LINE WITHIN ¼ MILE (48)	TELEPHONE (49)	NO TELEPHONE (49)
3-4	5-6	7	8	1-2	9-12	13-16	17-20	21-24	25-28	29-32	34-38
					1.	2.	3.	4.	5.	6.	7.

SUMMARY RESULT SLIP NO. 7 — Tractors By Color and Tenure of Operator

SUMMARY CARD NO. 1

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

STATE _____

SORT: TENURE—COLOR
TENURE (COL. 7)
CODE:
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7, 9 CROPPER
8. OTHER TENANT

TABULATE ONLY CARDS PUNCHED d 7 in Col. 2
COLOR (COL. 8)
CODE:
1. WHITE
2. NONWHITE

* CLEAR COUNTERS ON MAXIMUM READING

TABULATED		CHECKED	EXAMINED
VERIFIED		ADDED	VERIFIED
REVISED		COMPUTED	RECHECKED
		VERIFIED	CHANGED COLUMNS READDED

SORT INDICATION					FARMS REPORTING YEAR OF LATEST MODEL TRACTORS (46)											TOTAL OF YEAR OF LATEST MODEL *	d 7 in Col. 2		
STATE	CO.	CODE T	CODE C	Summary Code	1940	1939	1938	1937	1936	1935	1934	1933 *	1932	1931 *	1930 & EARLIER *		CROPLAND HARVESTED ON FARMS REPORTING TRACTORS, ACRES (13)	NUMBER OF TRACTORS FARMS REPORTING	NUMBER OF TRACTORS TOTAL
3-4	5-6	7	8	1-2	9-12	13-16	17-20	21-24	25-28	29-32	34-38	39-42	43-46	48-52	53-56	57-62	72-78	63-70	
					1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.

SUMMARY RESULT SLIP NO. 8 — Work Off The Farm, By Color and Tenure of Operator

SUMMARY CARD NO. 1

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

STATE _____

SORT: TENURE—COLOR
TENURE (COL. 7)
CODE:
1. FULL OWNER
2. PART OWNER
3. MANAGER
4. CASH TENANT
5. SHARE-CASH TENANT
6. SHARE TENANT
7, 9 CROPPER
8. OTHER TENANT

COLOR (COL. 8)
CODE:
1. WHITE
2. NONWHITE

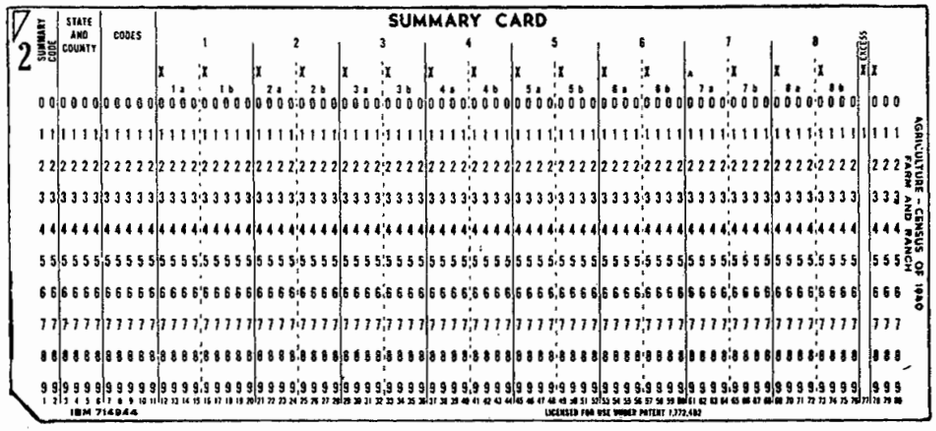
TABULATE ONLY CARDS PUNCHED d 8 in Col. 2

TABULATED		CHECKED	EXAMINED
VERIFIED		ADDED	VERIFIED
REVISED		COMPUTED	RECHECKED
		VERIFIED	CHANGED COLUMNS READDED

SORT INDICATION					ANY WORK OFF THE FARM (29) OPERATORS REPORTING								WORK OFF THE FARM ON OTHER FARMS		WORK OFF THE FARM AT NONFARM JOBS, BUSINESSES, OR PROFESSIONS		FARMS WHOSE OPERATORS REPORT 100 OR MORE DAYS OF WORK OFF THE FARM	
STATE	CO.	CODE T	CODE C	Summary Code	UNDER 25 DAYS	25 TO 49 DAYS	50 TO 74 DAYS	75 TO 99 DAYS	100 TO 149 DAYS	150 TO 199 DAYS	200 TO 249 DAYS	250 DAYS AND OVER *	OPERATORS REPORTING (29a)	TOTAL DAYS (29a) *	OPERATORS REPORTING (29b) *	TOTAL DAYS (29b) *	LAND IN FARMS, ACRES (12)	VALUE OF LAND AND BUILDINGS DOLLARS (19)
3-4	5-6	7	8	1-2	9-12	13-16	17-20	21-24	25-28	29-32	34-38	39-42	43-46	48-52	53-56	57-62	64-70	71-78
					1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.

SUMMARY CARD NO. 2

Summary card no. 2 was used to make a summation by States of the various items indicated on the result slip form shown below. The boxheads for the several items were entered on the result slip by hand.



SUMMARY RESULT SLIP NO. _____ (Summary code)

SUMMARY CARD NO. 2

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE: 1940

SUMMARY CODES:

A card tabulations:
11 R.S. 5
12, 13 } R.S. 6

B card tabulations:
21, 22 } R.S. 9
23, 24 } R.S. 10

D card tabulations:
41, 42 } R.S. 24
43, 44 } R.S. 25
45, 46 } R.S. 26

E card tabulations:
51, 52 } R.S. 30

G card tabulations:
71 R.S. 36

*Clear counters on maximum reading.

	CHECKED	EXAMINED
TABULATED	ADDED	VERIFIED
VERIFIED	COMPUTED	RECHECKED
REVISED	VERIFIED	CHANGED COLUMNS READDED

STATE _____

| Sort indication | | |

A-40-173

KEY TO B CARD TABULATIONS

4-26-41

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

THE RESULT SLIP NUMBER, THE RESULT SLIP COLUMN, AND THE FARMS FOR WHICH TOTALS ARE SHOWN FOR EACH ITEM TABULATED FROM THE B CARD, WITH CORRESPONDING DATA FOR OTHER CARDS WHERE SUCH DATA ARE REQUIRED FOR CHECKING.

This key was designed primarily for use in checking the tabulations for consistency and in making result slip changes.

Checking Data for Consistency

To assist in checking the various totals for each item, the farms for which totals are available are shown on the chart only so far as is necessary to indicate the comparisons.

Other card fields affected will indicate related items which may need to be checked.

Other consistency checks, such as frequencies and farms reporting to the totals for the same items and to the total farms in the group, or data incompatible with the sort or control, should be obvious and are not indicated on the chart.

Making Result Slip Changes

The result slip columns on all result slips which will be affected by a change in each card field are indicated in the column under the heading corresponding to that card field.

If an item on a card is added or deleted, both the farms reporting and the totals for the item must be corrected.

As a general rule, if an item is merely changed, only the totals for the item will require correction.

If, however, the farms reporting consist of a frequency, a change in the total may also affect the frequency count.

If a change affects a sort, all result slip columns will be affected.

If a change affects a control, the particular fields affected by the control are indicated.

Be sure to correct any other card fields which may be affected by a change in a particular field.

CARD	RESULT SLIP No.	Sort	Farms Included	CARD COUNT Farms	CARD COUNT Excess	MCD	CASH RENT F.R	CASH RENT Total	MORTGAGE DEBT Status No	Status 1 Yes	Status X	Amount F.R.	Amount Total	Interest Rate 2 F.R.	Interest Rate Total	Interest Rate 3 10+	TAXES Real Estate F.R.	Real Estate Total	Personal Property F.R.	Personal Property Total	OTHER LAND OWNED Status No	Status Yes	Status X	Acres Rented Out F.R.	Acres Rented Out Total	TENURE	SIZE	AGE F.R. Freq.	AGE Total	COLOR OR RACE C	COLOR OR RACE R	RESIDENCE	RENTED ACRES	LAND IN FARM Total	Cropland Harvested F.R.	Cropland Harvested Acres	VALUES Land and Buildings	Owned Portion if T-2	Buildings F.R.	Buildings Dollars	IRR. CROPLAND HARVESTED
	CARD FIELD						1		2			3		4			5		6		7			8				9		10		11	12	13			15	16	17		18
B	8	MCD	T1,2,4	1	2	Sort	Control 11-14 11 14 T 4		15 16 17 T 1+2								Control 3-6 3 6 T 1				7 8 T 1			9 10 T 1		Control								4 Rptg. R.E. Taxes T 1 12 Rptg. Amt. Rent T 4	MCD		5 Rptg. R.E. Taxes T 1 13 Rptg. Amt. Rent T 4	MCD			
B	9	CT Mort.	T1,2	1	2				←Sort→ 1 1 1 T 1,2	Sort 1		5		8 9 10 Rptg. Amt. Debt							←Sort→ 1 1 1 T 1,2					Sort		11-16 17 T 1,2		Sort		7 T 2	3 T 1,2			4 T 1,2	6 T 2			
B	12	CT Tax	T1,2	1	2												Sort 1 6 7 8 T 1,2				Control 9-15 9 T 1,2					Sort				Sort		4 T 2 11 No Other Land Owned T 2	3 T 1,2; Rptg. R.E. Taxes T 1,2 10 Land Owned T 1,2			T 1; 5 Rptg. R.E. Taxes, T 1 12 No Other Land Owned T 1	5 T 2 12 Owned T 2			
B	14	CT Rent	T2,4	1	2		Sort 1 11 T 2,4														12 13 T 2,4			14 15 T 2,4		Sort				Sort		4 T 2,4	3 T 2,4; Rptg. Amt. Rent T 2,4	5 6 T 2,4		7 T 2,4; Rptg. Amt. Rent T 2,4	8 T, 2	9 10 T 2, 4		
C	17	CT	All	1																						Sort		3-8 9 T		Sort										
A	1	MCD	All	1		Sort																												3 MCD			10 MCD				
A	3	CT	All	1																						Sort				Sort		9 T	3 T		4 T	10 T	11 T 2		12 T	
A	4	CT	All	1																						Sort				Sort				8 T				15 T		
Other 2nd Series Card Fields Which May Be Affected									B 3,4			B 2,4									B 8			B 7		C D	C D	C 19 C 5		C D	20	C 21		C 22	C D	23 21	C 24				
Collated B Cards (Listed Cards)					All		>10% of Total Value [5]		"No" or "X" with Amt. of Debt Rptd. [6]			>100% of Total Value [5]					>10% of Total Value [5]		$300 +		"No" or "X" with acres rented out [6]			1,000+ Acres															

/2458

1. No X in 18 with "No" or "X" in 17 included with reports of "Yes" on R.S. 8 and 9 tabulated on 3-1-41 or later.
2. Includes reports of "0" and "10+" rates.
3. Rates of 10+ to be added in by hand to the "Total" of interest rates.
4. T 1, Col. 3-10; T 1+2, Col. 15-17; T 4, Col. 11-14.
5. Note that for part owners the ratio is to total value and not value of rented or owned portions only.
6. Not all such cases will be listed.

KEY TO C CARD TABULATIONS

A-40-174

4-26-41

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

THE RESULT SLIP NUMBER, THE RESULT SLIP COLUMN, AND THE FARMS FOR WHICH TOTALS ARE SHOWN FOR EACH ITEM TABULATED FROM THE C CARD, WITH CORRESPONDING DATA FOR OTHER CARDS WHERE SUCH DATA ARE REQUIRED FOR CHECKING.

This key was designed primarily for use in checking the tabulations for consistency and in making result slip changes.

Checking Data for Consistency

To assist in checking the various totals for each item, the farms for which totals are available are shown on the chart only so far as is necessary to indicate the comparisons.

Other card fields affected will indicate related items which may need to be checked.

Other consistency checks, such as frequencies and farms reporting to the totals for the same items and to the total farms in the group, or data incompatible with the sort or control, should be obvious and are not indicated on the chart.

Making Result Slip Changes

The result slip columns on all result slips which will be affected by a change in each card field are indicated in the column under the heading corresponding to that card field.

If an item on a card is added or deleted, both the farms reporting and the totals for the item must be corrected.

As a general rule, if an item is merely changed, only the totals for the item will require correction.

If, however, the farms reporting consist of a frequency, a change in the total may also affect the frequency count.

If a change affects a sort, all result slip columns will be affected.

If a change affects a control, the particular fields affected by the control are indicated.

Be sure to correct any other card fields which may be affected by a change in a particular field.

CARD	RESULT SLIP No.	Sort	Farms Included	CARD COUNT Farms	Excess	MCD	WORK OFF FARM None (Y in 13)	Total F.R. Freq.	Total Days	Farm F.R.	Farm Days	N.F. F.R.	N.F. Days	Occupation	YEAR BEGAN OPER. F.R. Freq.	Total	COOPERATION Any	Buying or Selling	Selling	Buying	Service	MACHINERY Automobiles Number F.R.	Automobiles Number Total	Automobiles Model F.R. Freq.[2]	Automobiles Model Total	Trucks Number F.R.	Trucks Number Total	Trucks Model F.R. Freq.[2]	Trucks Model Total	Tractors Number F.R.	Tractors Number Total	Tractors Model F.R. Freq.[2]	Tractors Model Total	FACILITIES Elec. Dist. Line Yes	Elec. Dist. Line No	Elec. P. L.	Elec. H. P.	Tel. Yes	Tel. No	Road 1st Freq	Road 2nd Freq.	TENURE	SIZE	AGE F.R. Freq.	AGE Total	COLOR OR RACE C	COLOR OR RACE R	RESIDENCE Yes	RESIDENCE No	TOTAL ACRES	CROPLAND HARVESTED	VALUE LAND & BLDG
CARD FIELD								1			2		3	4	5				6	7	8	9		10		11		12		13		14		15		16		17		18				19					20		21		22	23	24
C	16	MCD	All	1	2	Sort	3 4 5 MCD			6		7 MCD										13 14 MCD				15 16 MCD				17 18 MCD				8 Col. II		9 MCD	10 11[4]	12		19-22 MCD														
	17	CT	All	1	2										10-18 T	19																										Sort	Sort	3-8 T	9	Sort		20 21 T				
	18	CT	All	1	2																	15 16		3-13 T	14															17-20 T	21-23	Sort	Sort			Sort						
	19	CT	All	1	2																					15 16		3-13 T	14					17 C 2	18 T	19	20 21[4]	22 T	23			Sort	Sort			Sort						
	20	CT	All	1	2												18	19	20 In 18 In 19	21 In 18 In 19	22 In 18									15 C 17	16	3-13 T	14										Sort	Sort			Sort				17 Rptg. Tractors T	
	21	CT	Rptg. Total Days Off Farm Work (No X or Y in 13)	1	2			12 Control 18-19	13	14 T	15	16	17																												Sort	Sort			Sort				18 Rptg. 100+ Off Farm Work T	19
A	1	MCD	All	1	2	Sort																																											3	4 MCD	10
	3	CT	All	1	2																																					Sort	Sort			Sort				3	4 T	10
B	9	Mortg.	T1,2	1	2																																					Sort	Sort	11-16 T 1,2	17	Sort						
Other 2nd Series Card Fields Which May Be Affected								C 2,3			C 1		C 1	C 1,3	C 19							C 10		C 9		C 12		C 11		C 14		C 13		C 16		C 15								C 5					D 21	
Collated C Cards (Listed Cards)				All				>Days at Farm or Non-farm			>Total Days 100+Days		>Total Days									4+		Model but Number Not Rptd.[5]		4+		Model but Number Not Rptd.[5]		4+		Model but Number Not Rptd.[5]																					

12456

1 Should be consistent with age of operator. Compare R.S. 17, Cols. 24 and 25.
2 May be less but not greater than F.R. Number.
3 1 in 39 with "No" or "X" in 38 included with reports of "Yes" on R.S. 16 and 19 tabulated on 3-6-41 or later, and 1 in 39 with "No" in 38 excluded from reports of "No" on R.S. 19 tabulated on 3-21-41 or later.
4 Reporting electric distribution line within ½ mile.
5 Not all such cases will be listed.

KEY TO D CARD TABULATIONS

A-40-175

4-26-41

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

THE RESULT SLIP NUMBER, THE RESULT SLIP COLUMN, AND THE FARMS FOR WHICH TOTALS ARE SHOWN FOR EACH ITEM TABULATED FROM THE D CARD, WITH CORRESPONDING DATA FOR OTHER CARDS WHERE SUCH DATA ARE REQUIRED FOR CHECKING.

This key was designed primarily for use in checking the tabulations for consistency and in making result slip changes.

Checking Data for Consistency

To assist in checking the various totals for each item, the farms for which totals are available are shown on the chart only so far as is necessary to indicate the comparisons.

Other card fields affected will indicate related items which may need to be checked.

Other consistency checks, such as frequencies and farms reporting to the totals for the same items and to the total farms in the group, or data incompatible with the sort or control, should be obvious and are not indicated on the chart.

Making Result Slip Changes

The result slip columns on all result slips which will be affected by a change in each card field are indicated in the column under the heading corresponding to that card field.

If an item on a card is added or deleted, both the farms reporting and the totals for the item must be corrected.

As a general rule, if an item is merely changed, only the totals for the item will require correction.

If, however, the farms reporting consist of a frequency, a change in the total may also affect the frequency count.

If a change affects a sort, all result slip columns will be affected.

If a change affects a control, the particular fields affected by the control are indicated.

Be sure to correct any other card fields which may be affected by a change in a particular field.

CARD	RESULT SLIP No.	Sort	Farms included	CARD COUNT Farms	CARD COUNT Excess	MCD	FARM LABOR: F.R.	FARM LABOR: Family Labor (Mar. 24-30 1940 F.R. / No. / Sept. 24-30 1939 F.R. / No.)	FARM LABOR: Hired Labor — F.R. (Mar. 24-30 1940 / Sept. 24-30 1939 / Cash Paid 1939)	FARM LABOR: Hired Labor — By Month (Mar. 24-30 1940 / Sept. 24-30 1939 / Cash Paid 1939: F.R. Freq / No. / F.R. / No. / F.R. / Amt)	FARM LABOR: Hired Labor — By Day or Week (Mar. 24-30 1940 / Sept. 24-30 1939 / Cash Paid 1939: F.R. / No. / F.R. / No. / F.R. / Amt)	FARM LABOR: Hired Labor — Other (Mar. 24-30 1940 / Sept. 24-30 1939 / Cash Paid 1939: F.R. / No. / F.R. / No. / F.R. / Amt)	FARM EXPENDITURES: F.R. Any [2]	FARM EXPENDITURES: Feed F.R. / Amt	FARM EXPENDITURES: Imp. and Mach. F.R. / Amt	FARM EXPENDITURES: Gasoline Oil, Etc. F.R. / Amt	FARM EXPENDITURES: Bldg. Material F.R. / Amt	FARM EXPENDITURES: Fertilizer & Lime — F.R. [1]	FARM EXPENDITURES: Fertilizer F.R. [1] / Tons / Amt	FARM EXPENDITURES: Lime F.R. / Tons / Amt	CROSS LINE	TENURE	SIZE	COLOR	CROPLAND HARV.
	CARD FIELD							1 2		3	6 7	8 9	12	13	14	15		16	17	18	19	20				21
D	22	MCD	All	1	2	Sort		3 5 4 6 MCD	7 8 15 MCD	9 10 16	11 12 17	13 14 18												19				
D	23	MCD	F.R. [1] Q38-43 Only	1	2	Sort								3 4 5 6 7 8 9 10 MCD					11 12 13 14 15 16 MCD								
D	24	CT	F.R. [1] Q38-43 Only	1	2									3 4 5 6 7 8 9 10 T					11 12 13 14 15 16 T					Sort		Sort	
D	25	CT	All	1	2		7 8 T	3 5 4 6 T In 7 / In 8	9 T In 17	11 10[3] 12 T In 9 In 17	13 14 In 9 In 17	15 16 In 9 In 17	17	In 17	In 17	In 17	In 17	18 T	In 17 In 18	In 17 In 18			Sort	Sort	Sort	
D	26	CT	F.R. Q 37 b,c,d Only	1	2				3 4 T	5 (17-20) 7 6 8 T In 3 / In 4	9 11 10 12 T In 3 / In 4	13 15 14 16 T In 3 / In 4											Sort	Sort	Sort	
A	1	MCD	All	1	2	Sort																					
A	3	CT	All	1	2																			Sort		Sort	
Other 2nd Series Card Fields Which May Be Affected																			D 17	D 16	D 19	D 18					B14 C23
Collated D Cards (Listed Cards)					All					10+ Persons	10+ Persons	$5,000+	10+ Persons	10+ Persons	$5,000+	10+ Persons	10+ Persons	$5,000+	$5,000+	$5,000+	$1,000+	$5,000+	$1,000 + <$10 per ton >$100 per ton $10+per acre of cropland harv. if 40+ acres	$1,000+ 100+Tons <$1 per ton >$10 per ton $10per acre of cropland harv. if 40+acres				

12457

[1] Cards showing expenditures for fertilizer or liming materials with no tons reported to be added in by hand for tabulations made prior to 3-13-41.

[2] Any specified expenditures, including expenditures for hired labor.

[3] With no report of expenditures for labor hired by day or week, or for "other" hired labor.

A-40-202
Department of Commerce
Bureau of the Census
Washington

Agriculture, 1940

WORK SHEET: TABULATION BY MINOR CIVIL DIVISIONS OF FARMS REPORTING AND VALUE FOR VEGETABLES HARVESTED FOR SALE AND HORTICULTURAL SPECIALTIES
(For Checking County Totals, RS 46 vs. RS 53)

Entered by _____
Added by _____

STATE _____

COUNTY _____

F.R. = Farms reporting any specified item

Code No.	MCD No.		MCD No.		MCD No.		MCD No.		MCD No.		MCD No.		MCD No.		MCD No.		MCD No.		MCD No.		MCD No.		MCD No.		MCD No.		Totals	
	F.R.	Value	F.R.	Value	F.R.	Value	F.R.	Value	F.R.	Value	F.R.	Value	F.R.	Value	F.R.	Value	F.R.	Value	F.R.	Value	F.R.	Value	F.R.	Value	F.R.	Value	F.R.	Value
		$		$		$		$		$		$		$		$		$		$		$		$		$		$
45																												
46																												
47																												
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66																												
67																												
01-28																												
Totals																												
69																												
70																												
71																												
Totals																												

26527

A-10-152
Department of Commerce
Bureau of the Census
Agriculture, 1940

RECORD OF CONSISTENCY CHECKS, F-VALUE RESULT SLIPS, 52, 53, 54, 55, 56, AND 57

STATE _____

COUNTY _____

TABLE 1:—COMPARABLE ITEMS OR COMBINATIONS OF ITEMS

R.S. 52	R.S. 53	R.S. 54	R.S. 56	R.S. 56	R.S. 57	Checked	Examined	Verified
Column No.	Column No.	Column No.	Column No.	Column No.	Column No.			
4	-	5	-	5	-			
5 *	17 + 18 *	-	11"a (17 + 18)*	-	11"a (17 + 18)*			
6 *	(4+5+8) + RS 52,Col. 14 *	5+7+9+11	-	5+7+9+11	-			
7	-	-	12	-	12			
8 *	10+12+14+ 16 *	RS 54 (13 + 15) + RS 55 (4 + 6)		RS 56 (13 + 15) + RS 57 (4 + 6)				
9	-	-	7	-	7			
10	-	-	8	-	8			
11	-	-	9	-	9			
12	-	-	10	-	10			
13	-	4	-	4	-			
14	-	5	-	5	-			
15	-	-	13	-	13			
16	-	-	14	-	14			
17	-	-	15	-	15			
18	-	-	16	-	16			
19	-	17	-	17	-			
22	-	-	22	-	-			
23	-	-	23	-	21			
24	-	18	-	-	-			
-	3	6	-	6	-			
-	4	7	-	7	-			
-	5	8	-	8	-			
-	6	9	-	9	-			
-	7	10	-	10	-			
-	8	11	-	11	-			
-	9	12	-	12	-			
-	10	13	-	13	-			

R.S. 52	R.S. 53	R.S. 54	R.S. 55	R.S. 56	R.S. 57	Checked	Examined	Verified
Column No.	Column No.	Column No.	Column No.	Column No.	Column No.			
-	11	14	-	14	-			
-	12	15	-	15	-			
-	13	-	3	-	3			
-	14	-	4	-	4			
-	15	-	5	-	5			
-	16	-	6	-	6			
-	19	19	-	-	-			
-	20	20	-	-	-			
-	21	21	-	-	-			
-	22	22	-	19	-			
-	23	23	-	-	-			
-	24	-	20	-	20			
-	25	-	21	-	-			
-	-	-	24	-	22			
-	-	-	25	-	23			
Line 0, Col. 14	-	-	-	19	-			
-	Line 0, Col. 4	-	-	20	-			
-	Line 0, Col. 6	-	-	21	-			
-	Line 0, Col. 8	-	-	22	-			
-	Line 0, Col. 10	-	-	23	-			
-	Line 0, Col. 12	-	-	24	-			
-	Line 0, Col. 14	-	-	-	24			
-	Line 0, Col. 16	-	-	-	25			
Line 0, Col. 10	-	-	-	-	26			
Line 0, Col. 12	-	-	-	-	27			
Line 0, Col. 6	-	-	-	Cols.19+20 +21+22	-			
Line 0, Col. 8	-	-	-	RS 56 (23 + 24) + RS 57 (24 + 25)				

* Check MED, income size group, and major source group figures as well as county totals. For all other items check only county totals.

TABLE 2.—"F" AND "X" CODES
(Col. Nos. refer to table on back of R.S. 52)

Column (County totals only)	Checked	Examined	Verified
Col. 3 = Col. 4 = Col. 5			
Col. 6 = Col. 7			
Col. 8 = Col. 9 = Col. 10			

TABLE 4.—IMPOSSIBLE ENTRIES

(Specify) _____

TABLE 6:—AVERAGE VALUE PER FARM BY INCOME SIZE GROUPS, RS 54, Col. 17

Code (Col. 16)	Value group represented	Entries in Col. 17 Checked	Examined	Verified
20	0			
21	$1 to $99			
22	$100 to $249			
23	$250 to $399			
24	$400 to $599			
25	$600 to $749			
26	$750 to $999			
27	$1000 to $1499			
28	$1500 to $1999			
29	$2000 to $2499			
30	$2500 to $3999			
31	$4000 to $5999			
32	$6000 to $9999			
33	$10000 to $19999			
34	$20000 to $29999			
35	$30000 to $39999			
36	$40000 to $49999			
37	$50000 to $74999			
38	$75000 to $99999			
39	$100000 and over			

TABLE 3:—VEGETABLES AND HORTICULTURAL SPECIALTIES
(Line Nos. refer to table on back of RS 53)

Item	Checked	Examined	Verified
Farms reporting: Line 2 + Line 3 = Line 1			
If lines 5, 6, and 7 are blank / Line 8 + Line 9 = Line 4 / If lines 5, 6, and/or 7 have entries (See Instructions)			
Value: Line 2 + Line 3 = Line 1			
Line 8 + Line 9 = Line 4			

TABLE 5.—FARMS REPORTING INDIVIDUAL PRODUCTS COMPARED WITH FARMS REPORTING TOTAL VALUE OF PRODUCTS
(Check individual columns by sort groups as well as county totals.)

R.S.	Column	Comparison	R.S.	Column	Checked	Examined	Verified
52	5,7,9,and 11	EQUAL TO OR LESS THAN	52	3			
52	13		52	5			
53	3,5, and 7		52	5			
53	9,11,13,and 15		52	7			
54	4,6,8,10,12,& 14		54	1			
55	3,5,7, and 9		55	1			
56	4,6,8,10,12,& 14		56	1			
57	3,5,7, and 9		57	1			

TABLE 7:—FARMS REPORTING MAJOR SOURCE OF INCOME COMPARED WITH FARMS REPORTING TOTAL VALUE, RS 56 and 57
(See Instructions)

	R.S. 56						R.S. 57						
Code	Col. 4	Col.6	Col.8	Col.10	Col.12	Col.14	Col.5	Col.7	Col.9	Checked	Examined	Verified
1	o	(M)	o	o	o	o	o	o	o	o			
2	(M)	o	o	o	o	o	o	o	o	o			
3	o	o	o	(M)	o	o	o	o	o	o			
4	o	o	(M)	o	o	o	o	o	o	o			
5	o	o	o	o	(M)	o	o	o	o	o			
6	o	o	o	o	o	(M)	o	o	o	o			
7	o	o	o	o	o	o	o	(M)	o	o			
8	o	o	o	o	o	o	(M)	o	o	o			
9	o	o	o	o	o	o	o	o	o	(M)			
0	o	o	o	o	o	o	o	o	(M)	o			

TABLE 8:—LARGEST PERCENT OF TOTAL VALUE OF PRODUCTS FOR MAJOR SOURCE GROUP, RS 56 AND 57.

Major source code	Largest percent of total value	Checked	Examined	Verified
1	RS 56,Col.20			
2	19			
3	22			
4	21			
5	23			
6	24			
7	RS 57,Col.25			
8	24			
9	27			
0	26			

TABLE 9.—FARMS REPORTING TOTAL VALUE OF PRODUCTS.
(Check sort groups as well as county totals)

R.S.	Column Comparisons	Checked	Examined	Verified
52	3 = Sum of 7,15,16,& 18			
	3 = Sum of 5,15,17,& 18			
55	1 = Sum of 12,13,14,& 16			
	1 = Sum of 11,13,15,& 16			
57	1 = Sum of 12,13,14,& 16			
	1 = Sum of 11,13,15,& 16			

Checked by _____

Examined by _____

Verified by _____

PUBLICATION OF THE DATA

Preparation of the tables.—Following the critical examination of the result slips, the figures were transferred to county, State, or United States tables. In some instances intermediate tables, work sheets, or work lines were required. Printed forms, copies of which are shown on accompanying pages, were used for posting the county data. The sources of the data are indicated on these forms. Following the posting and verification of the tables, they were carefully examined by assistants to the subject-matter specialists for errors that may have been overlooked in the preceding operations.

Owing to lack of space, a large portion of the available information was not published by counties; for example, some of the minor crops; frequency distributions of age of farm operator, year of latest model of automobiles, motortrucks, and tractors; farms classified by the number of acres of specified crops harvested; etc. The table forms carry some of these unpublished data; for example, all crops were included on the table forms and the deletions which the lack of space for printing made necessary were made after the data were posted. Also, for many items, particularly minor crops, there were so few reports that it was necessary to restrict the county data in order to avoid disclosure of individual operations.

Although it was not feasible to publish all the information by counties, it was tabulated in great detail because of wide interest in such break-downs and in order to facilitate the critical analysis. Much of this unpublished information is available for the cost of transcription or reproduction.

Because of the demands for the agricultural information for geographic areas smaller than counties, most of the items of the 1940 Census of Agriculture were tabulated on the basis of minor civil divisions (townships, wards, beats, or other civil divisions of the county). Illustrations of the table forms used for transcribing the data are shown on succeeding pages.

Form 16-SSA
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

A State MISSISSIPPI COUNTY TABLE I (2 sections), Section A

AGRICULTURE: 1940

..... Sheets, Sheet No. ..... Stub—Left. Right.

	1939–1940	1934–1935
Entered		
Added, across		
Added, up		

COUNTY TABLE I.—FARMS, FARM ACREAGE, AND VALUE, BY COLOR OF OPERATOR, 1940, 1935, AND 1930; FARM LAND ACCORDING TO USE, 1939, 1934, AND 1929; AND VALUE OF BUILDINGS AND IMPLEMENTS AND MACHINERY, 1940 AND 1930

Result Slip or other source of figures	Item (For definitions: "Farms reporting," etc., see text)		The State	Sunflower
	FARMS, ACREAGE, AND LAND AREA			
R. S. 1, Col. 1	1 Number of farms	Apr. 1, 1940	291092	10981
R. S. 1, Col. 1A	2	Jan. 1, 1935	311683	12374
R. S. 1, Col. 1B	3	Apr. 1, 1930	312663	14694
Land area work sheets	4 Approximate land area	acres 1940	30348800	443520
Line 5 of line 4	5 Proportion in farms	percent 1940	63.1	93.3
R. S. 1, Col. 2	6 All land in farms	acres 1940	19156058	413740
R. S. 1, Col. 2	7	1935	19655413	420834
R. S. 1, Col. 2	8	1930	17332195	383899
R. S. 1, Col. 17	9 Average size of farms	acres 1940	65.8	37.7
1935—V. I, C. T. I, L. 17	10	1935	63.1	34.0
1935—V. I, C. T. I, L. 18	11	1929	55.4	26.1
	Farm land according to use:			
R. S. 2, Col. 3	12 Cropland harvested	farms reporting 1939	282577	10937
C. S. 1, Col. 0	13	1934	302392	12308
C. S. 1, Col. 2	14	1934	299997	14620
R. S. 1, Col. 4	15	acres 1939	6952931	314421
R. S. 1, Col. 3	16	1934	6735377	316113
R. S. 1, Col. 3	17	1929	6597112	328854
R. S. 2, Col. 4	18 Crop failure (see text)	farms rptg. 1939	38317	272
C. S. 1, Col. 11	19	1934	13482	499
C. S. 1, Col. 4	20	1929	10823	290
R. S. 1, Col. 5	21	acres 1939	417407	3283
R. S. 1, Col. 4	22	1934	107806	4824
R. S. 1, Col. 5A	23	1929	147079	2760
R. S. 2, Col. 5	24 Cropland, idle or fallow (see text)	farms rptg. 1939	39898	230
C. S. 1, Col. 13	25	1934	39452	251
C. S. 1, Col. 6	26	1929	38902	248
R. S. 1, Col. 6	27	acres 1939	630205	6362
R. S. 1, Col. 5	28	1934	803038	5382
R. S. 1, Col. 6B	29	1929	710644	3108
R. S. 2, Col. 6	30 Plowable pasture	farms rptg. 1939	97842	667
C. S. 2, Col. 7	31	1934	71543	602
C. S. 1, Col. K	32	1929	63862	176
R. S. 1, Col. 7	33	acres 1939	2702190	11679
R. S. 2, Col. 2	34	1934	1903301	6346
R. S. 1, Col. 5	35	1929	1495294	3752
R. S. 2, Col. 7	36 Woodland (see text)	farms rptg. 1939	112580	728
R. S. 1, Col. 8	37	acres 1939	6068121	51201
Line 35a+36a	38	1934	7562659	59751
Line 35a+36a	39	1929	6224309	32460
R. S. 2, Col. 8	40 All other land (see text)	farms rptg. 1939	199670	4504
R. S. 1, Col. 9	41	acres 1939	2385204	26794
Line 42a+42b	42	1934	2543232	28418
Line 43a+43b	43	1929	2157757	12965
R. S. 2, Col. 9	44 Land used for crops (harvested and failure)	farms rptg. 1939	283824	10940
R. S. 1, Col. 12	45	acres 1939	7370338	317704
R. S. 1, Col. 34+4	46	1934	6843183	320937
R. S. 1, Col. 34+43	47	1929	6744191	331614
R. S. 2, Col. 10	48 Land available for crops (harvested, failure, idle, fallow, and plowable pasture)	farms rptg. 1939	289397	10943
R. S. 2, Col. 11	49 Irrigated cropland harvested and/or irrigated pasture	farms rptg. 1939	7	-
R. S. 2, Col. 11	50 Irrigated cropland harvested	farms rptg. 1939	7	-
R. S. 1, Col. 12	51	acres 1939	94	-
R. S. 2, Col. 12a	52 Irrigated pasture	farms rptg. 1939	-	-
R. S. 1, Col. 11	53	acres 1939	-	-
	NOT FOR PRINTING			
R. S. 2, Col. 3	53a Woodland pasture	acres 1934	3486063	17514
R. S. 2, Col. 5	53b Woodland not pastured	acres 1934	4076596	42237
R. S. 2, Col. 7	53a Woodland pasture	acres 1939	2853674	9111
R. S. 2, Col. 6	53b Woodland not pastured	acres 1939	3370635	23349
R. S. 2, Col. 4	47a Other pasture	acres 1934	1158641	3566
R. S. 2, Col. 1B	47b All other land	acres 1934	1384591	24852
R. S. 2, Col. 2	47a Other pasture	acres 1939	995159	1521
R. S. 2, Col. 9	47b All other land	acres 1939	1162598	11444

Form 16-SSB
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

B State MISSISSIPPI COUNTY

AGRICULTURE: 1940

..... Sheets, Sheet No. ..... Stub—Left. Right.

COUNTY TABLE I.—FARMS, FARM ACREAGE, AND VALUE, BY COLO

Result Slip or other source of figures	Item (For definitions: "Farms reporting," etc., see text)		The State	Sunflower
	VALUES			
R. S. 2, Col. 10	54 Value of farms (land and buildings)	dollars 1940	474986062	26416970
R. S. 7, Col. 2, total	55	1935	370838658	20270542
R. S. 7, Col. 2, total	56	1930	568322065	38406289
R. S. 2, Col. 11	57 Value of buildings	farms rptg. 1940	279051	10549
C. S. 2, Col. 2, total	58	1930	287328	12743
R. S. 2, Col. 12	59	dollars 1940	129492196	6031659
R. S. 7, Col. 2, total	60	1930	157723346	7057787
	Average values:			
R. S. 2, Col. 16	61 Land and buildings, per farm	dollars 1940	1632	2406
1935—V. I, C. T. I, L. 33	62	1935	1190	1638
1935—V. I, C. T. I, L. 36	63	1930	1818	2614
	64 Farms of 20 acres and over	dollars 1940	2447	7663
R. S. 2, Col. 18	65 Land and buildings, per acre	dollars 1940	24.80	63.85
1935—V. I, C. T. I, L. 37	66	1935	18.87	48.17
1935—V. I, C. T. I, L. 38	67	1930	32.79	100.04
R. S. 2, Col. 17	68 Value of implements and machinery	farms rptg. 1940	187509	5173
C. S. 2, Col. 6, total	69	1930	251002	13122
R. S. 2, Col. 13	70	dollars 1940	40300899	2042562
R. S. 7, Col. 5, total	71	1930	41609042	2043581
	BY COLOR OF OPERATOR			
R. S. 2, Col. 1, line 36	72 Number of farms: Of white operators[1]	number 1940	131552	2388
R. S. 4, Col. 1A, line 2	73	1935	142677	2636
R. S. 4, Col. 1B, line 2	74	1930	129775	3050
R. S. 2, Col. 1, line 33	75 Of nonwhite operators	number 1940	159546	8593
R. S. 4, Col. 1A, line 3	76	1935	169006	9738
R. S. 4, Col. 1B, line 3	77	1930	182888	11644
R. S. 2, Col. 3, line 36	78 All land in farms: Of white operators[1]	acres 1940	13765704	254322
R. S. 4, Col. 2, line 2	79	1935	14109961	216274
R. S. 4, Col. 2, line 2	80	1930	11258956	140889
R. S. 2, Col. 2, line 33	81 Of nonwhite operators	acres 1940	5390354	159418
R. S. 4, Col. 2, line 3	82	1935	5545452	204560
R. S. 4, Col. 2, line 3	83	1930	6073239	243010
R. S. 2, Col. 18, line 36	84 Value of farms (land and buildings): Of white operators[1]	dollars 1940	320546327	15987401
R. S. 7, Col. 3, line 2	85	1935	244607200	9788980
R. S. 7, Col. 2, line 2	86	1930	318770957	14180195
R. S. 2, Col. 18, line 33	87 Of nonwhite operators	dollars 1940	154439735	10429569
R. S. 7, Col. 3, line 3	88	1935	126231458	10481562
R. S. 7, Col. 2, line 3	89	1930	249551108	24226094

[1] Include Mexicans.

Form 18-841-1
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE : 1940 **A** State ..... **COUNTY TABLE II.—(2 sections) Section A**

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..... Sheets Sheet No. ..... Stub—Left. Right.

COUNTY TABLE II.—FARMS, 1940, 1935, AND 1930; FARM ACREAGE, AND VALUE OF LAND AND BUILDINGS, 1940 AND 1935; VALUE OF BUILDINGS AND IMPLEMENTS AND MACHINERY, 1940; AND CROPLAND HARVESTED, 1939; BY TENURE OF OPERATOR

U.S. GOVERNMENT PRINTING OFFICE 22-7158

Section B

U.S. GOVERNMENT PRINTING OFFICE 22-7158

Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)
R. S. 3, Col. 1 (T. 1), line 10	1	Number of farms: Full owners ..... number..1940
R. S. 4, Col. 1A, Code 1+2	2	1935
R. S. 4, Col. 1B, Code 1+2	3	1930
R. S. 3, Col. 1 (T. 2), line 9	4	Part owners ..... number..1940
R. S. 4, Col. 1A, Code 3+4	5	1935
R. S. 4, Col. 1B, Code 3+4	6	1930
R. S. 3, Col. 1 (T. 3), line 8	7	Managers ..... number..1940
R. S. 4, Col. 1A, Code 5+6	8	1935
R. S. 4, Col. 1B, Code 5+6	9	1930
R. S. 3, Col. 1 (T. 4-6), line 7	10	Tenants ..... number..1940
R. S. 4, Col. 1A, Code 7-10	11	1935
R. S. 4, Col. 1B, Code 7-12	12	1930
Line 10÷work line 1a	13	Proportion of tenancy ..... percent..1940
Line 11÷work line 2a	14	1935
Line 12÷work line 3a	15	1930
R. S. 3, Col. 1 (T. 4), line 4	16	Cash tenants ..... number..1940
R. S. 3, Col. 1 (T. 5), line 3	17	Share-cash tenants ..... number..1940
Work line 15a+15b	18	Share tenants and croppers ..... number..1940
R. S. 3, Col. 1 (T. 5), line 9	19	Other tenants ..... number..1940
R. S. 3, Col. 2 (T. 1), line 10	20	All land in farms: Full owners ..... acres..1940
R. S. 4, Col. 2, Code 1+2	21	1935
R. S. 3, Col. 2 (T. 2), line 9	22	Part owners ..... acres..1940
R. S. 4, Col. 2, Code 3+4	23	1935
Line 22 minus 26	24	Portion owned ..... acres..1940
Line 23 minus 27	25	1935
R. S. 3, Col. 2 (T. 2), line 9	26	Portion rented from others ..... acres..1940
R. S. 7, Col. 2, Code 3+4	27	1935
R. S. 3, Col. 2 (T. 3), line 8	28	Managers ..... acres..1940
R. S. 4, Col. 2, Code 5+6	29	1935
R. S. 3, Col. 2 (T. 4-6), line 7	30	Tenants ..... acres..1940
R. S. 4, Col. 2, Code 7-10	31	1935
R. S. 3, Col. 2 (T. 4), line 4	32	Cash tenants ..... acres..1940
R. S. 3, Col. 3 (T. 5), line 3	33	Share-cash tenants ..... acres..1940
Work line 34a+34b	34	Share tenants and croppers ..... acres..1940
R. S. 3, Col. 2 (T. 5), line 6	35	Other tenants ..... acres..1940
R. S. 3, Col. 4 (T. 1), line 10	36	Cropland harvested, 1939: Full owners ..... acres
R. S. 3, Col. 4 (T. 2), line 9	37	Part owners ..... acres
R. S. 3, Col. 4 (T. 3), line 8	38	Managers ..... acres
R. S. 3, Col. 4 (T. 4-6), line 7	39	Tenants ..... acres
R. S. 3, Col. 4 (T. 4), line 4	40	Cash tenants ..... acres
R. S. 3, Col. 4 (T. 5), line 3	41	Share-cash tenants ..... acres
Work line 42a+42b	42	Share tenants and croppers ..... acres
R. S. 3, Col. 4 (T. 5), line 6	43	Other tenants ..... acres
		NOT FOR PRINTING
R. S. 3, Col. 1, line 37	1a	Number of farms, total 1940
R. S. 4, Col. 1A, line 1	2a	1935
R. S. 4, Col. 1B, line 1	3a	1930
R. S. 3, Col. 1 (T. 6), line 2	18a	Share tenants 1940
R. S. 3, Col. 1 (T. 7), line 1	18b	Croppers 1940
R. S. 3, Col. 2, line 37	20a	All land in farms, total ..... acres..1940
R. S. 3, Col. 2 (T. 6), line 2	34a	Share tenants ..... acres..1940
R. S. 3, Col. 2 (T. 7), line 1	34b	Croppers ..... acres..1940
R. S. 3, Col. 4, line 37	36a	Cropland harvested, total ..... acres..1939
R. S. 3, Col. 4 (T. 6), line 2	42a	Share tenants ..... acres..1939
R. S. 3, Col. 4 (T. 7), line 1	42b	Croppers ..... acres..1939

Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)
R. S. 3, Col. 10 (T. 1), line 10	44	Value of farms (land and buildings): Full owners ..... dollars..1940
R. S. 7, Col. 3, Code 1+2	45	1935
R. S. 3, Col. 10 (T. 2), line 9	46	Part owners ..... dollars..1940
R. S. 7, Col. 3, Code 3+4	47	1935
R. S. 3, Col. 11 (T. 2), line 9	48	Portion owned ..... dollars..1940
Line 46 minus 48	49	Portion rented from others ..... dollars..1940
R. S. 3, Col. 10 (T. 3), line 8	50	Managers ..... dollars..1940
R. S. 7, Col. 3, Code 5+6	51	1935
R. S. 3, Col. 10 (T. 4-6), line 7	52	Tenants ..... dollars..1940
R. S. 7, Col. 3, Code 7-10	53	1935
R. S. 3, Col. 10 (T. 4), line 4	54	Cash tenants ..... dollars..1940
R. S. 3, Col. 10 (T. 5), line 3	55	Share-cash tenants ..... dollars..1940
Work line 56a+56b	56	Share tenants and croppers ..... dollars..1940
R. S. 3, Col. 10 (T. 5), line 9	57	Other tenants ..... dollars..1940
R. S. 4, Col. 15 (T. 1), line 10	58	Value of buildings, 1940: Full owners ..... farms rptg.
R. S. 3, Col. 12 (T. 1), line 10	59	dollars
R. S. 4, Col. 15 (T. 2), line 9	60	Part owners ..... farms rptg.
R. S. 3, Col. 12 (T. 2), line 9	61	dollars
R. S. 4, Col. 15 (T. 3), line 8	62	Managers ..... farms rptg.
R. S. 3, Col. 12 (T. 3), line 6	63	dollars
R. S. 4, Col. 15 (T. 4-6), line 7	64	Tenants ..... farms rptg.
R. S. 3, Col. 12 (T. 4-6), line 7	65	dollars
R. S. 4, Col. 15 (T. 4), line 4	66	Cash tenants ..... farms rptg.
R. S. 3, Col. 12 (T. 4), line 4	67	dollars
R. S. 4, Col. 15 (T. 5), line 3	68	Share-cash tenants ..... farms rptg.
R. S. 3, Col. 12 (T. 5), line 3	69	dollars
Work line 70a+70b	70	Share tenants and croppers ..... farms rptg.
Work line 71a+71b	71	dollars
R. S. 4, Col. 15 (T. 5), line 9	72	Other tenants ..... farms rptg.
R. S. 3, Col. 12 (T. 5), line 9	73	dollars
R. S. 4, Col. 19 (T. 1), line 10	74	Value of implements and machinery, 1940: Full owners ..... farms rptg.
R. S. 3, Col. 13 (T. 1), line 10	75	dollars
R. S. 4, Col. 16 (T. 2), line 9	76	Part owners ..... farms rptg.
R. S. 3, Col. 13 (T. 2), line 9	77	dollars
R. S. 4, Col. 16 (T. 3), line 8	78	Managers ..... farms rptg.
R. S. 3, Col. 13 (T. 3), line 6	79	dollars
R. S. 4, Col. 16 (T. 4-6), line 7	80	Tenants ..... farms rptg.
R. S. 3, Col. 13 (T. 4-6), line 7	81	dollars
R. S. 4, Col. 16 (T. 4), line 4	82	Cash tenants ..... farms rptg.
R. S. 3, Col. 13 (T. 4), line 4	83	dollars
R. S. 4, Col. 16 (T. 5), line 3	84	Share-cash tenants ..... farms rptg.
R. S. 3, Col. 13 (T. 5), line 3	85	dollars
Work line 86a+86b	86	Share tenants and croppers ..... farms rptg.
Work line 87a+87b	87	dollars
R. S. 4, Col. 16 (T. 5), line 9	88	Other tenants ..... farms rptg.
R. S. 3, Col. 13 (T. 5), line 9	89	dollars
		NOT FOR PRINTING
R. S. 3, Col. 10, line 37	44a	Value, land and buildings, total ..... dollars..1940
R. S. 3, Col. 10 (T. 6), line 2	56a	Share tenants ..... dollars..1940
R. S. 3, Col. 10 (T. 7), line 1	56b	Croppers ..... dollars..1940
R. S. 4, Col. 16, line 37	58a	Value of buildings, total ..... farms rptg..1940
R. S. 3, Col. 12, line 37	59a	dollars..1940
R. S. 4, Col. 16 (T. 6), line 2	70a	Share tenants ..... farms rptg..1940
R. S. 4, Col. 16 (T. 7), line 1	70b	Croppers ..... farms rptg..1940
R. S. 3, Col. 12 (T. 6), line 2	71a	Share tenants ..... dollars..1940
R. S. 3, Col. 12 (T. 7), line 1	71b	Croppers ..... dollars..1940
R. S. 4, Col. 16, line 37	74a	Value of implements and machy ..... farms rptg..1940
R. S. 3, Col. 13, line 37	75a	dollars..1940
R. S. 4, Col. 16 (T. 6), line 2	86a	Share tenants ..... farms rptg..1940
R. S. 4, Col. 16 (T. 7), line 1	86b	Croppers ..... farms rptg..1940
R. S. 3, Col. 13 (T. 6), line 2	87a	Share tenants ..... dollars..1940
R. S. 3, Col. 13 (T. 7), line 1	87b	Croppers ..... dollars..1940

Form 19-642-1
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE : 1940 **A**

FOR SOUTHERN STATES ONLY

State ..... **COUNTY TABLE II.—SUPPLEMENTAL (2 sections), Section A**

..... Sheets Sheet No. .....

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COUNTY TABLE II.—SUPPLEMENTAL FOR THE SOUTHERN STATES—NUMBER OF FARM OPERATORS, 1940 AND 1935; AND FARM ACREAGE AND SPECIFIED VALUES, 1940; BY COLOR AND TENURE OF OPERATOR

Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)
R. S. 2, Col. 1, L. 36	1	Number of farm operators: All white operators[1] ..... number..1940
R. S. 4, Col. 1A, L. 2	2	1935
R. S. 2, Col. 1, Code 11	3	Full owners ..... number..1940
R. S. 4, Col. 1A, Code 1	4	1935
R. S. 2, Col. 1, Code 21	5	Part owners ..... number..1940
R. S. 4, Col. 1A, Code 2	6	1935
R. S. 2, Col. 1, Code 31	7	Managers ..... number..1940
R. S. 4, Col. 1A, Code 6	8	1935
R. S. 2, Col. 1 (C. 1, T. 4-8), L. 6	9	All tenants ..... number..1940
R. S. 4, Col. 1A, Code 7+9	10	1935
R. S. 2, Col. 1, Code 71	11	Croppers ..... number..1940
R. S. 4, Col. 1A, Code 7	12	1935
R. S. 2, Col. 1, L. 35	13	All nonwhite operators ..... number..1940
R. S. 4, Col. 1A, L. 3	14	1935
R. S. 2, Col. 1, Code 12	15	Full owners ..... number..1940
R. S. 4, Col. 1A, Code 3	16	1935
R. S. 2, Col. 1, Code 22	17	Part owners ..... number..1940
R. S. 4, Col. 1A, Code 4	18	1935
R. S. 2, Col. 1, Code 32	19	Managers ..... number..1940
R. S. 4, Col. 1A, Code 8	20	1935
R. S. 2, Col. 1 (C. 2, T. 4-8), L. 5	21	All tenants ..... number..1940
R. S. 4, Col. 1A, Code 8+10	22	1935
R. S. 2, Col. 1, Code 72	23	Croppers ..... number..1940
R. S. 4, Col. 1A, Code 8	24	1935
R. S. 2, Col. 3, L. 36	25	All land in farms, 1940: Of all white operators[1] ..... acres
R. S. 2, Col. 3, Code 11	26	Full owners ..... acres
R. S. 2, Col. 3, Code 21	27	Part owners ..... acres
R. S. 2, Col. 3, Code 31	28	Managers ..... acres
R. S. 2, Col. 3 (C. 1, T. 4-8), L. 6	29	All tenants ..... acres
R. S. 2, Col. 3, Code 71	30	Croppers ..... acres
R. S. 2, Col. 3, L. 35	31	Of all nonwhite operators ..... acres
R. S. 2, Col. 3, Code 12	32	Full owners ..... acres
R. S. 2, Col. 3, Code 22	33	Part owners ..... acres
R. S. 2, Col. 3, Code 32	34	Managers ..... acres
R. S. 2, Col. 3 (C. 2, T. 4-8), L. 5	35	All tenants ..... acres
R. S. 2, Col. 3, Code 72	36	Croppers ..... acres
R. S. 2, Col. 10, L. 36	37	Value of farms (land and buildings), 1940: Of all white operators[1] ..... dollars
R. S. 2, Col. 10, Code 11	38	Full owners ..... dollars
R. S. 2, Col. 10, Code 21	39	Part owners ..... dollars
R. S. 2, Col. 10, Code 31	40	Managers ..... dollars
R. S. 2, Col. 10 (C. 1, T. 4-8), L. 6	41	All tenants ..... dollars
R. S. 2, Col. 10, Code 71	42	Croppers ..... dollars
R. S. 2, Col. 10, L. 35	43	Of all nonwhite operators ..... dollars
R. S. 2, Col. 10, Code 12	44	Full owners ..... dollars
R. S. 2, Col. 10, Code 22	45	Part owners ..... dollars
R. S. 2, Col. 10, Code 32	46	Managers ..... dollars
R. S. 2, Col. 10 (C. 2, T. 4-8), L. 5	47	All tenants ..... dollars
R. S. 2, Col. 10, Code 72	48	Croppers ..... dollars
		NOT FOR PRINTING
R. S. 2, Col. 1, L. 37	1a	All farm operators ..... number..1940
R. S. 4, Col. 1A, total	1a	1935
R. S. 2, Col. 3, L. 37	25a	All land in farms ..... acres..1940
R. S. 2, Col. 10, L. 37	37a	Value of farms (land and bldgs.) ..... dollars..1940

[1] Include Mexicans.

Section B

Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)
R. S. 4, Col. 14, L. 36	49	Value of buildings, 1940: Of all white operators[1] ..... farms reporting
R. S. 2, Col. 13, L. 36	50	dollars
R. S. 4, Col. 15, Code 11	51	Full owners ..... farms reporting
R. S. 2, Col. 12, Code 11	52	dollars
R. S. 4, Col. 15, Code 21	53	Part owners ..... farms reporting
R. S. 2, Col. 12, Code 21	54	dollars
R. S. 4, Col. 15, Code 31	55	Managers ..... farms reporting
R. S. 2, Col. 12, Code 31	56	dollars
R. S. 4, Col. 15 (C. 1, T. 4-8), L. 6	57	All tenants ..... farms reporting
R. S. 2, Col. 12 (C. 1, T. 4-8), L. 6	58	dollars
R. S. 4, Col. 15, Code 71	59	Croppers ..... farms reporting
R. S. 2, Col. 12, Code 71	60	dollars
R. S. 4, Col. 15, L. 35	61	Of all nonwhite operators ..... farms reporting
R. S. 2, Col. 12, L. 35	62	dollars
R. S. 4, Col. 15, Code 12	63	Full owners ..... farms reporting
R. S. 2, Col. 12, Code 12	64	dollars
R. S. 4, Col. 15, Code 22	65	Part owners ..... farms reporting
R. S. 2, Col. 12, Code 22	66	dollars
R. S. 4, Col. 15, Code 32	67	Managers ..... farms reporting
R. S. 2, Col. 12, Code 32	68	dollars
R. S. 4, Col. 15 (C. 2, T. 4-8), L. 5	69	All tenants ..... farms reporting
R. S. 2, Col. 12 (C. 2, T. 4-8), L. 5	70	dollars
R. S. 4, Col. 15, Code 72	71	Croppers ..... farms reporting
R. S. 2, Col. 12, Code 72	72	dollars
R. S. 4, Col. 16, L. 36	73	Value of implements and machinery, 1940: Of all white operators[1] ..... farms reporting
R. S. 2, Col. 13, L. 36	74	dollars
R. S. 4, Col. 16, Code 11	75	Full owners ..... farms reporting
R. S. 2, Col. 13, Code 11	76	dollars
R. S. 4, Col. 16, Code 21	77	Part owners ..... farms reporting
R. S. 2, Col. 13, Code 21	78	dollars
R. S. 4, Col. 16, Code 31	79	Managers ..... farms reporting
R. S. 2, Col. 13, Code 31	80	dollars
R. S. 4, Col. 16 (C. 1, T. 4-8), L. 6	81	All tenants ..... farms reporting
R. S. 2, Col. 13 (C. 1, T. 4-8), L. 6	82	dollars
R. S. 4, Col. 16, Code 71	83	Croppers ..... farms reporting
R. S. 2, Col. 13, Code 71	84	dollars
R. S. 4, Col. 16, L. 35	85	Of all nonwhite operators ..... farms reporting
R. S. 2, Col. 13, L. 35	86	dollars
R. S. 4, Col. 16, Code 12	87	Full owners ..... farms reporting
R. S. 2, Col. 13, Code 12	88	dollars
R. S. 4, Col. 16, Code 22	89	Part owners ..... farms reporting
R. S. 2, Col. 13, Code 22	90	dollars
R. S. 4, Col. 16, Code 32	91	Managers ..... farms reporting
R. S. 2, Col. 13, Code 32	92	dollars
R. S. 4, Col. 16 (C. 2, T. 4-8), L. 5	93	All tenants ..... farms reporting
R. S. 2, Col. 13 (C. 2, T. 4-8), L. 5	94	dollars
R. S. 4, Col. 16, Code 72	95	Croppers ..... farms reporting
R. S. 2, Col. 13, Code 72	96	dollars
		NOT FOR PRINTING
R. S. 4, Col. 15, L. 37	49a	Value of buildings ..... farms reporting
R. S. 2, Col. 12, L. 37	49b	dollars
R. S. 4, Col. 16, L. 37	73a	Value, implements and machinery ..... farms reporting
R. S. 2, Col. 13, L. 37	73b	dollars

[1] Include Mexicans.

Form 16-443-1
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE : 1940 **A** State ..... **COUNTY TABLE III (3 sections), Section A**

..... Sheets -Sheet No. ..... Stub—Left. Right.

COUNTY TABLE III.—NUMBER OF FARMS, 1940 AND 1935; FARM ACREAGE AND SPECIFIED VALUES, 1940; AND CROPLAND HARVESTED, 1939; BY SIZE OF FARM

Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)
		Number of farms, by size:
Line 3+4	1	Under 10 acres ..... number..1940
Line 4+7	2	1935
Line 5+work line 5a	3	Under 3 acres (see text) ..... number..1940
R. S. 3, Col. 1A (see instructions)	4	1935
R. S. 4, Col. 1, Code 11	5	No land owned or leased ..... number..1940
R. S. 3, Col. 1, Code 13	6	3 to 9 acres ..... number..1940
R. S. 3, Col. 1A	7	1935
Line 10+work line 10a	8	10 to 29 acres ..... number..1940
R. S. 3, Col. 1A	9	1935
R. S. 4, Col. 1, Code 21	10	10 to 19 acres (see text) ..... number..1940
R. S. 3, Col. 1A	11	1935
R. S. 4, Col. 1, Code 31	12	30 to 49 acres ..... number..1940
R. S. 3, Col. 1A	13	1935
R. S. 4, Col. 1, Code 41	14	50 to 69 acres ..... number..1940
R. S. 3, Col. 1A	15	1935
R. S. 4, Col. 1, Code 51	16	70 to 99 acres ..... number..1940
R. S. 3, Col. 1A	17	1935
R. S. 4, Col. 1, Code 61	18	100 to 139 acres ..... number..1940
R. S. 3, Col. 1A	19	1935
Line 22+work line 22a	20	140 to 179 acres ..... number..1940
R. S. 3, Col. 1A	21	1935
R. S. 4, Col. 1, Code 72	22	175 to 179 acres (see text) ..... number..1940
R. S. 3, Col. 1A	23	1935
R. S. 4, Col. 1, Code 81	24	180 to 219 acres ..... number..1940
R. S. 3, Col. 1A	25	1935
R. S. 4, Col. 1, Code 91	26	220 to 259 acres ..... number..1940
R. S. 3, Col. 1A	27	1935
R. S. 4, Col. 1, Code 101	28	260 to 379 acres ..... number..1940
R. S. 3, Col. 1A	29	1935
R. S. 4, Col. 1, Code 102	30	380 to 499 acres ..... number..1940
R. S. 3, Col. 1A	31	1935
R. S. 4, Col. 1, Code 111	32	500 to 699 acres ..... number..1940
R. S. 3, Col. 1A	33	1935
R. S. 4, Col. 1, Code 112	34	700 to 999 acres ..... number..1940
R. S. 3, Col. 1A	35	1935
Work line 36a+36b+36c	36	1,000 acres and over ..... number..1940
R. S. 3, Col. 1A	37	1935
		NOT FOR PRINTING
R. S. 4, Col. 1, line 37	1a	Number of farms, total ..... number..1940
R. S. 4, Col. 1, Code 12	5a	Under 3 acres (code 12 only) ..... number..1940
R. S. 4, Col. 1, Code 22	10a	20 to 29 acres ..... number..1940
R. S. 4, Col. 1, Code 71	22a	140 to 174 acres ..... number..1940
R. S. 4, Col. 1, Code 121	36a	1,000 to 4,999 acres ..... number..1940
R. S. 4, Col 1, Code 122	36b	5,000 to 9,999 acres ..... number..1940
R. S. 4, Col. 1, Code 123	36c	10,000 acres and over ..... number..1940
R. S. 3, Col. 1A, total	2a	Number of farms, total ..... number..1935
L. 1a—l. 1 and 8	12a	Farms over 30 acres ..... number..1940

Section B Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)
		All land in farms, 1940, by size of farm:
Work line 35b+35c	38	Under 10 acres ..... acres
Work line 38a+39b	39	10 to 29 acres ..... acres
R. S. 5, Col. 3, Code 31	40	30 to 49 acres ..... acres
R. S. 5, Col. 3, Code 41	41	50 to 69 acres ..... acres
R. S. 5, Col. 3, Code 51	42	70 to 99 acres ..... acres
R. S. 5, Col. 3, Code 61	43	100 to 139 acres ..... acres
Work line 44a+44b	44	140 to 179 acres ..... acres
R. S. 5, Col. 3, Code 81	45	180 to 219 acres ..... acres
R. S. 5, Col. 3, Code 91	46	220 to 259 acres ..... acres
R. S. 5, Col. 3, Code 101	47	260 to 379 acres ..... acres
R. S. 5, Col. 3, Code 102	48	380 to 499 acres ..... acres
R. S. 5, Col. 3, Code 111	49	500 to 699 acres ..... acres
R. S. 5, Col. 3, Code 112	50	700 to 999 acres ..... acres
Work line 51a+51b+51c	51	1,000 acres and over ..... acres
Work line 52b+52c	52	Cropland harvested, 1939, by size of farm: Under 10 acres ..... acres
Work line 53a+53b	53	10 to 29 acres ..... acres
R. S. 5, Col. 6, Code 31	54	30 to 49 acres ..... acres
R. S. 5, Col. 6, Code 41	55	50 to 69 acres ..... acres
R. S. 5, Col. 6, Code 51	56	70 to 99 acres ..... acres
R. S. 5, Col. 6, Code 61	57	100 to 139 acres ..... acres
Work line 58a+58b	58	140 to 179 acres ..... acres
R. S. 5, Col. 6, Code 81	59	180 to 219 acres ..... acres
R. S. 5, Col. 6, Code 91	60	220 to 259 acres ..... acres
R. S. 5, Col. 6, Code 101	61	260 to 379 acres ..... acres
R. S. 5, Col. 6, Code 102	62	380 to 499 acres ..... acres
R. S. 5, Col. 6, Code 111	63	500 to 699 acres ..... acres
R. S. 5, Col. 6, Code 112	64	700 to 999 acres ..... acres
Work line 65a+65b+65c	65	1,000 acres and over ..... acres
		NOT FOR PRINTING
R. S. 5, Col. 3, line 37	38a	All land in farms, total ..... acres..1940
R. S. 5, Col. 3, Code 12	38b	Under 3 acres ..... acres..1940
R. S. 5, Col. 3, Code 13	38c	3 to 9 acres ..... acres..1940
R. S. 5, Col. 3, Code 21	39a	10 to 19 acres ..... acres..1940
R. S. 5, Col. 3, Code 22	39b	20 to 29 acres ..... acres..1940
R. S. 5, Col. 3, Code 71	44a	140 to 174 acres ..... acres..1940
R. S. 5, Col. 3, Code 72	44b	175 to 179 acres ..... acres..1940
R. S. 5, Col. 3, Code 121	51a	1,000 to 4,999 acres ..... acres..1940
R. S. 5, Col. 3, Code 122	51b	5,000 to 9,999 acres ..... acres..1940
R. S. 5, Col. 3, Code 123	51c	10,000 acres and over ..... acres..1940
R. S. 5, Col. 6, line 37	52a	Cropland harvested, total ..... acres..1939
R. S. 5, Col. 6, Code 12	52b	Under 3 acres ..... acres..1939
R. S. 5, Col. 6, Code 13	52c	3 to 9 acres ..... acres..1939
R. S. 5, Col. 6, Code 21	53a	10 to 19 acres ..... acres..1939
R. S. 5, Col. 6, Code 22	53b	20 to 29 acres ..... acres..1939
R. S. 5, Col. 6, Code 71	58a	140 to 174 acres ..... acres..1939
R. S. 5, Col. 6, Code 72	58b	175 to 179 acres ..... acres..1939
R. S. 5, Col. 6, Code 121	65a	1,000 to 4,999 acres ..... acres..1939
R. S. 5, Col. 6, Code 122	65b	5,000 to 9,999 acres ..... acres..1939
R. S. 5, Col. 6, Code 123	65c	10,000 acres and over ..... acres..1939

Section C Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)
		Value of land and buildings, 1940, by size of farm:
Work line 66b+66c	66	Under 10 acres ..... dollars
Work line 67a+67b	67	10 to 29 acres ..... dollars
R. S. 5, Col. 11, Code 31	68	30 to 49 acres ..... dollars
R. S. 5, Col. 11, Code 41	69	50 to 69 acres ..... dollars
R. S. 5, Col. 11, Code 51	70	70 to 99 acres ..... dollars
R. S. 5, Col. 11, Code 61	71	100 to 139 acres ..... dollars
Work line 72a+72b	72	140 to 179 acres ..... dollars
R. S. 5, Col. 11, Code 81	73	180 to 219 acres ..... dollars
R. S. 5, Col. 11, Code 91	74	220 to 259 acres ..... dollars
R. S. 5, Col. 11, Code 101	75	260 to 379 acres ..... dollars
R. S. 5, Col. 11, Code 102	76	380 to 499 acres ..... dollars
R. S. 5, Col. 11, Code 111	77	500 to 699 acres ..... dollars
R. S. 5, Col. 11, Code 112	78	700 to 999 acres ..... dollars
Work line 79a+79b+79c	79	1,000 acres and over ..... dollars
Work line 80b+80c	80	Value of implements and machinery, 1940, by size of farm: Under 10 acres ..... dollars
Work line 81a+81b	81	10 to 29 acres ..... dollars
R. S. 5, Col. 15, Code 31	82	30 to 49 acres ..... dollars
R. S. 5, Col. 15, Code 41	83	50 to 69 acres ..... dollars
R. S. 5, Col. 15, Code 51	84	70 to 99 acres ..... dollars
R. S. 5, Col. 15, Code 61	85	100 to 139 acres ..... dollars
Work line 86a+86b	86	140 to 179 acres ..... dollars
R. S. 5, Col. 15, Code 81	87	180 to 219 acres ..... dollars
R. S. 5, Col. 15, Code 91	88	220 to 259 acres ..... dollars
R. S. 5, Col. 15, Code 101	89	260 to 379 acres ..... dollars
R. S. 5, Col. 15, Code 102	90	380 to 499 acres ..... dollars
R. S. 5, Col. 15, Code 111	91	500 to 699 acres ..... dollars
R. S. 5, Col. 15, Code 112	92	700 to 999 acres ..... dollars
Work line 93a+93b+93c	93	1,000 acres and over ..... dollars
		NOT FOR PRINTING
R. S. 5, Col. 11, line 37	66a	Value of land and buildings, total ..... dollars..1940
R. S. 5, Col. 11, Code 12	66b	Under 3 acres ..... dollars..1940
R. S. 5, Col. 11, Code 13	66c	3 to 9 acres ..... dollars..1940
R. S. 5, Col. 11, Code 21	67a	10 to 19 acres ..... dollars..1940
R. S. 5, Col. 11, Code 22	67b	20 to 29 acres ..... dollars..1940
R. S. 5, Col. 11, Code 71	72a	140 to 174 acres ..... dollars..1940
R. S. 5, Col. 11, Code 72	72b	175 to 179 acres ..... dollars..1940
R. S. 5, Col. 11, Code 121	79a	1,000 to 4,999 acres ..... dollars..1940
R. S. 5, Col. 11, Code 122	79b	5,000 to 9,999 acres ..... dollars..1940
R. S. 5, Col. 11, Code 123	79c	10,000 acres and over ..... dollars..1940
R. S. 5, Col. 15, line 37	80a	Value of implements and machinery, total ..... dollars..1940
R. S. 5, Col. 15, Code 12	80b	Under 3 acres ..... dollars..1940
R. S. 5, Col. 15, Code 13	80c	3 to 9 acres ..... dollars..1940
R. S. 5, Col. 15, Code 21	81a	10 to 19 acres ..... dollars..1940
R. S. 5, Col. 15, Code 22	81b	20 to 29 acres ..... dollars..1940
R. S. 5, Col. 15, Code 71	86a	140 to 174 acres ..... dollars..1940
R. S. 5, Col. 15, Code 72	86b	175 to 179 acres ..... dollars..1940
R. S. 5, Col. 15, Code 121	93a	1,000 to 4,999 acres ..... dollars..1940
R. S. 5, Col. 15, Code 122	93b	5,000 to 9,999 acres ..... dollars..1940
R. S. 5, Col. 15, Code 123	93c	10,000 acres and over ..... dollars..1940
L. 66a—l. 66 and 67	68a	Value, farms over 30 acres ..... dollars..1940
L. 68a+l. 12a on section A	68b	Average per farm ..... dollars..1940 (To be entered on l. 64, C. T. IB)

Form 16-644-1
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE : 1940 **A** State ..... **COUNTY TABLE IV (2 sections), Section A**

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COUNTY TABLE IV.—SPECIFIED CLASSES OF LIVESTOCK ON FARMS AND RANCHES, APR. 1, 1940 AND 1930, AND JAN. 1, 1935; AND SPECIFIED LIVESTOCK PRODUCTS, 1939 AND 1934

[The 1935 figures are in italics as they are not exactly comparable. See text for comparability of all items]

U. S. GOVERNMENT PRINTING OFFICE 2297130

Result slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)	
R. S. 27, Col. 4	1	Horses and/or mules	farms reporting Apr. 1, 1940
R. S. 20, Col. 1A	2		*Jan. 1, 1935*
R. S. 20, Col. 1B	3		Apr. 1, 1930
R. S. 27, Col. 5	4	Horses and colts—	farms rptg. over 3 mo. old Apr. 1, 1940
C. S. 20, Col. 11	5		*of all ages* *Jan. 1, 1935*
R. S. 27, Col. 6	6		number over 3 mo. old Apr. 1, 1940
R. S. 20, Col. 4	7		*of all ages* *Jan. 1, 1935*
1935, Vol. I, C. T. II, L. 5	8		*over 3 mo. old* *Apr. 1, 1930*
R. S. 27, Col. 7	9	Colts	farms rptg. 3 to 27 mo. old Apr. 1, 1940
C. S. 20, Col. 15	10		*under 3 yr. of age* *Jan. 1, 1935*
R. S. 27, Col. 8	11		number 3 to 27 mo. old Apr. 1, 1940
R. S. 20, Col. 5	12		*under 3 yr. of age* *Jan. 1, 1935*
R. S. 20, Col. 3+4	13		3 to 27 mo. old Apr. 1, 1930
R. S. 27, Col. 9	14	Mules and mule colts—	farms rptg. over 3 mo. old Apr. 1, 1940
C. S. 20, Col. 2	15		*of all ages* *Jan. 1, 1935*
R. S. 27, Col. 10	16		number over 3 mo. old Apr. 1, 1940
R. S. 20, Col. 2	17		*of all ages* *Jan. 1, 1935*
1935, Vol. I, C. T. II, L. 13	18		*over 3 mo. old* *Apr. 1, 1930*
R. S. 27, Col. 11	19	Mule colts	farms rptg. 3 to 27 mo. old Apr. 1, 1940
C. S. 20, Col. 6	20		*under 3 yr. of age* *Jan. 1, 1935*
R. S. 27, Col. 12	21		number 3 to 27 mo. old Apr. 1, 1940
R. S. 20, Col. 3	22		*under 3 yr. of age* *Jan. 1, 1935*
R. S. 21, Col. 3+4	23		3 to 27 mo. old Apr. 1, 1930
R. S. 28, Col. 3	24	Cattle and calves—	farms rptg. over 3 mo. old Apr. 1, 1940
C. S. 21, Col. 2	25		*of all ages* *Jan. 1, 1935*
R. S. 28, Col. 4	26		number over 3 mo. old Apr. 1, 1940
R. S. 22, Col. 5	27		*of all ages* *Jan. 1, 1935*
1935, Vol. I, C. T. II, L. 22	28		*over 3 mo. old* *Apr. 1, 1930*
R. S. 28, Col. 5	29	All cows and heifers 2 yr. old and over on Jan. 1 of census year	farms rptg. Apr. 1, 1940
C. S. 21, Col. 19	30		*Jan. 1, 1935*
Line 35+40	31		number Apr. 1, 1940
R. S. 21, Col. 5	32		*Jan. 1, 1935*
Line 37+41	33		Apr. 1, 1930
R. S. 30, Col. 14	34	Kept mainly for milk production	farms rptg. Apr. 1, 1940
C. S. 41, Col. 2	35		Apr. 1, 1930
R. S. 28, Col. 6	36		number Apr. 1, 1940
R. S. 46, Col. 2	37		Apr. 1, 1930
R. S. 30, Col. 21	38	Kept mainly for beef production	farms rptg. Apr. 1, 1940
C. S. 41, Col. 4	39		Apr. 1, 1930
R. S. 28, Col. 7	40		number Apr. 1, 1940
R. S. 46, Col. 3	41		Apr. 1, 1930
R. S. 28, Col. 8	42	Cows milked and dairy products: Cows and heifers milked	farms rptg. 1939
C. S. 22, Col. 6	43		1934
C. S. 41, Col. 6	44		1929
R. S. 28, Col. 9	45		number milked 1939
R. S. 22, Col. 2	46		1934
R. S. 47, Col. 2	47		1929
R. S. 28, Col. 10	48	Milk produced	gallons 1939
R. S. 22, Col. 3	49		1934
R. S. 28, Col. 11	50	Butter churned on farm	farms rptg. 1939
C. S. 22, Col. 13	51		1934
R. S. 23, Col. 12	52		pounds 1939
R. S. 22, Col. 4	53		1934
R. S. 28, Col. 13	54	Whole milk sold	farms rptg. 1939
R. S. 28, Col. 14	55		gallons 1939
R. S. 28, Col. 15	56	Cream sold	farms rptg. 1939
R. S. 28, Col. 16	57		pounds of butterfat 1939
R. S. 28, Col. 17	58	Butter sold	farms rptg. 1939
R. S. 28, Col. 18	59		pounds 1939

Form 16-644-2
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE : 1940 **B** State .....

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U. S. GOVERNMENT PRINTING OFFICE 2296230

Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)	
R. S. 27, Col. 13	60	Hogs and pigs	farms rptg. over 4 mo. old Apr. 1, 1940
C. S. 24, Col. 11	61		*of all ages* *Jan. 1, 1935*
R. S. 27, Col. 14	62		number over 4 mo. old Apr. 1, 1940
R. S. 24, Col. 2	63		*of all ages* *Jan. 1, 1935*
1930, Vol. II, C. T. IV, L. 70	64		over 3 mo. old Apr. 1, 1930
R. S. 27, Col. 15	65	Sows and gilts farrowing or to farrow—	farms rptg. Apr. 1, 1940
C. S. 24, Col. 15	66		*Jan. 1, 1935*
C. S. 23, Col. 6	67		Apr. 1, 1930
R. S. 27, Col. 16	68		number Apr. 1, 1940
R. S. 24, Col. 3	69		*Jan. 1, 1935*
R. S. 23, Col. 4	70		Apr. 1, 1930
R. S. 29, Col. 3	71	Sheep and lambs—	farms rptg. over 6 mo. old Apr. 1, 1940
C. S. 23, Col. 2	72		*of all ages* *Jan. 1, 1935*
R. S. 29, Col. 4	73		number over 6 mo. old Apr. 1, 1940
R. S. 23, Col. 2	74		*of all ages* *Jan. 1, 1935*
R. S. 43, Col. 6	75		over 6 mo. old Apr. 1, 1930
R. S. 29, Col. 5	76	Ewes	farms rptg. over 6 mo. old Apr. 1, 1940
C. S. 23, Col. 5	77		*1 yr. old and over* *Jan. 1, 1935*
Line 83+85	78		number over 6 mo. old Apr. 1, 1940
R. S. 23, Col. 3	79		*1 yr. old and over* *Jan. 1, 1935*
Line 83+86	80		over 6 mo. old Apr. 1, 1930
R. S. 29, Col. 6	81	Yearling ewes—	farms rptg. 6 to 18 mo. old Apr. 1, 1940
R. S. 29, Col. 7	82		number 6 to 18 mo. old Apr. 1, 1940
R. S. 63, Col. 3	83		Apr. 1, 1930
R. S. 29, Col. 8	84	Other ewes—	farms rptg. over 18 mo. old Apr. 1, 1940
R. S. 29, Col. 9	85		number over 18 mo. old Apr. 1, 1940
R. S. 63, Col. 4	86		Apr. 1, 1930
R. S. 29, Col. 10	87	Sheep and lambs shorn	farms rptg. 1939
C. S. 23, Col. 11	88		1934
R. S. 44, Col. 13, L. 2	89		1929
R. S. 29, Col. 11	90		number shorn 1939
R. S. 23, Col. 4	91		1934
R. S. 44, Col. 2	92		1929
R. S. 29, Col. 12	93	Wool shorn	pounds 1939
R. S. 23, Col. 6	94		1934

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Form 16-615
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE : 1940

State ..... COUNTY TABLE V

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COUNTY TABLE V.—SPECIFIED POULTRY ON HAND, APR. 1, 1940 AND 1930, AND JAN. 1, 1935; CHICKEN EGGS PRODUCED AND SPECIFIED POULTRY RAISED, 1939 AND 1934; CHICKENS SOLD, 1939; AND BEES ON HAND, APR. 1, 1940, AND HONEY PRODUCED, 1939

[The 1935 figures are in italics as they are not exactly comparable. See text for comparability of all items]

U. S. GOVERNMENT PRINTING OFFICE 16-27419

Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)
R. S. 33, Col. 22	1	Poultry and poultry products: Any poultry on hand...farms rptg..Apr. 1, 1940
R. S. 33, Col. 3	2	Chickens....farms rptg..over 4 mo. old..Apr. 1, 1940
C. S. 25, Col. 2	3	*over 3 mo. old..Jan. 1, 1935*
C. S. 43, Col. 2	4	over 3 mo. old..Apr. 1, 1930
R. S. 33, Col. 4	5	number....over 4 mo. old..Apr. 1, 1940
R. S. 25, Col. 2	6	*over 3 mo. old..Jan. 1, 1935*
R. S. 56, Col. 2	7	over 3 mo. old..Apr. 1, 1930
R. S. 33, Col. 11	8	Turkeys....farms rptg..over 4 mo. old..Apr. 1, 1940
C. S. 25, Col. 15	9	*over 3 mo. old..Jan. 1, 1935*
R. S. 33, Col. 12	10	number....over 4 mo. old..Apr. 1, 1940
R. S. 25, Col. 5	11	*over 3 mo. old..Jan. 1, 1935*
R. S. 35, Col. 4	12	Ducks.....farms rptg..over 4 mo. old..Apr. 1, 1940
R. S. 35, Col. 5	13	number....over 4 mo. old..Apr. 1, 1940
R. S. 35, Col. 9	14	Geese.....farms rptg..over 4 mo. old..Apr. 1, 1940
R. S. 35, Col. 10	15	number....over 4 mo. old..Apr. 1, 1940
R. S. 35, Col. 14	16	Guineas....farms rptg..over 4 mo. old..Apr. 1, 1940
R. S. 35, Col. 15	17	number....over 4 mo. old..Apr. 1, 1940
R. S. 33, Col. 9	18	Chicken eggs produced.....farms reporting..1939
C. S. 25, Col. 6	19	1934
R. S. 33, Col. 10	20	dozens.....1939
R. S. 25, Col. 3	21	1934
R. S. 33, Col. 7	22	Chickens sold (alive or dressed).....farms rptg..1939
R. S. 33, Col. 8	23	number....1939
R. S. 33, Col. 20	24	Any poultry raised.....farms rptg..1939
R. S. 33, Col. 5	25	Chickens raised.....farms rptg..1939
C. S. 25, Col. 11	26	1934
R. S. 33, Col. 6	27	number....1939
R. S. 25, Col. 4	28	1934
R. S. 33, Col. 13	29	Turkeys raised.....farms rptg..1939
R. S. 33, Col. 14	30	number....1939
R. S. 35, Col. 6	31	Ducks raised.....farms rptg..1939
R. S. 35, Col. 7	32	number....1939
R. S. 35, Col. 11	33	Geese raised.....farms rptg..1939
R. S. 35, Col. 12	34	number....1939
R. S. 35, Col. 16	35	Guineas raised.....farms rptg..1939
R. S. 35, Col. 17	36	number....1939
R. S. 34, Col. 5	37	Bees, Apr. 1, 1940, and honey produced, 1939: Hives owned by farm operators (on their farms and on nonfarm land).....farms rptg
R. S. 34, Col. 6	38	number
R. S. 34, Col. 7	39	Hives owned by others (kept on farms)...farms rptg
R. S. 34, Col. 8	40	number
R. S. 34, Col. 9	41	Honey produced (see text).....farms rptg
R. S. 34, Col. 10	42	pounds
		NOT FOR PRINTING
R. S. 35, Col. 19	17a	Pigeons on hand.....farms rptg..over 4 mo. old..Apr. 1, 1940
R. S. 35, Col. 20	17b	number....over 4 mo. old..Apr. 1, 1940
R. S. 35, Col. 28, L. 29	17c	Pheasants on hand.....farms rptg..over 4 mo. old..Apr. 1, 1940
R. S. 35, Col. 28, L. 28	17d	number....over 4 mo. old..Apr. 1, 1940
R. S. 35, Col. 28, L. 35	17e	Quail on hand.....farms rptg..over 4 mo. old..Apr. 1, 1940
R. S. 35, Col. 28, L. 34	17f	number....over 4 mo. old..Apr. 1, 1940
R. S. 35, Col. 28, L. 23	17g	All other on hand.....farms rptg..over 4 mo. old..Apr. 1, 1940
R. S. 35, Col. 28, L. 22	17h	number....over 4 mo. old..Apr. 1, 1940
R. S. 28, Col. 21	36a	Pigeons raised.....farms reporting..1939
R. S. 25, Col. 22	36b	number.....1939
R. S. 35, Col. 29, L. 29	36c	Pheasants raised.....farms reporting..1939
R. S. 35, Col. 29, L. 28	36d	number.....1939
R. S. 35, Col. 29, L. 35	36e	Quail raised.....farms reporting..1939
R. S. 35, Col. 29, L. 34	36f	number.....1939
R. S. 35, Col. 29, L. 23	36g	All other raised.....farms reporting..1939
R. S. 35, Col. 29, L. 22	36h	number.....1939

Form 15-846-1
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE: 1940 **A** State ..... COUNTY TABLE VI (2 sections), Section A

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COUNTY TABLE VI.—ACREAGE AND QUANTITY OF CORN, SORGHUMS, AND SMALL GRAINS, HARVESTED IN 1939 AND 1934; WITH SPECIFIED ITEMS FOR 1929

U. S. GOVERNMENT PRINTING OFFICE 929213

Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)	
		Corn:	
R. S. 37, H-1, Col. 7	1	Corn for all purposes	farms reporting...1939
C. S. 10, Col. 1	2		1934
R. S. 70, Col. 2	3		1929
R. S. 37, H-1, Col. 14	4		acres...1939
R. S. 10, Col. 2	5		1934
R. S. 70, Col. 2	6		1929
R. S. 37, H-1, Col. 16	7	Harvested for grain	farms rptg...1939
C. S. 10, Col. 17	8		1934
R. S. 37, H-1, Col. 16	9		acres...1939
R. S. 10, Col. 3	10		1934
R. S. 37, H-1, Col. 17	11		bushels...1939
R. S. 10, Col. 4	12		1934
R. S. 37, H-1, Col. 18	13	Cut for silage	farms rptg...1939
R. S. 37, H-1, Col. 19	14		acres...1939
R. S. 37, H-1, Col. 20	15		tons...1939
R. S. 37, H-1, Col. 21	16	Hogged or grazed off, or cut for fodder	farms rptg...1939
R. S. 37, H-1, Col. 22	17		acres...1939
		Sorghums:	
R. S. 38, H-2, Col. 1 minus 10	18	Sorghums for all purposes, except for sirup	farms rptg...1939
R. S. 70, Col. 13	19		1929
Line 26+31	20		acres...1939
Line 26+33	21		1934
R. S. 70, Col. 2 plus 4	22		1929
R. S. 38, H-2, Col. 2	23	Harvested for grain	farms rptg...1939
R. S. 13, E-01, Col. 18	24		1934
R. S. 38, H-2, Col. 7	25		acres...1939
R. S. 13, E-01, Col. 2	26		1934
R. S. 38, H-2, Col. 8	27		bushels...1939
R. S. 13, E-01, Col. 3	28		1934
R. S. 38, H-2, Col. 9	29	Cut for silage, hay, or fodder	farms rptg...1939
R. S. 13, E-02, Col. 1A	30		1934
Line 34+37	31		acres...1939
R. S. 13, E-02, Col. 2	32		1934
R. S. 38, H-2, Col. 11	33	Cut for silage (green weight)	farms rptg...1939
R. S. 38, H-2, Col. 12	34		acres...1939
R. S. 38, H-2, Col. 13	35		tons...1939
R. S. 38, H-2, Col. 14	36	Cut for hay or fodder (dry weight)	farms rptg...1939
R. S. 38, H-2, Col. 15	37		acres...1939
R. S. 38, H-2, Col. 16	38		tons...1939
R. S. 38, H-2, Col. 17	39	Sweet sorghums harvested for sirup	farms rptg...1939
R. S. 38, H-2, Col. 18	40		acres...1939
R. S. 38, H-2, Col. 19	41		gallons...1939
		Small grains:	
R. S. 39, J-05, Col. 1; R. S. 40, J-05, Col. 1	43	Mixed grains (other than a flax and wheat mixture) threshed	farms rptg...1939
R. S. 13, E-23, Col. 1A	43		1934
R. S. 39, J-05, Col. 2; R. S. 40, J-05, Col. 25	44		acres...1939
R. S. 13, E-23, Col. 2	45		1934
R. S. 39, J-05, Col. 4; R. S. 40, J-05, Col. 26	46		bushels...1939
R. S. 13, E-23, Col. 3	47		1934
R. S. 38, H-3, Col. 1	48	Oats threshed and/or cut and fed unthreshed	farms rptg...1939
R. S. 38, H-3, Col. 2	49	Oats threshed	farms rptg...1939
R. S. 13, E-24, Col. 1A	50		1934
R. S. 38, H-3, Col. 7	51		acres...1939
R. S. 13, E-24, Col. 2	52		1934
R. S. 38, H-3, Col. 8	53		bushels...1939
R. S. 13, E-24, Col. 3	54		1934
R. S. 38, H-3, Col. 11	55	Oats cut and fed unthreshed	farms rptg...1939
R. S. 13, E-25, Col. 1A	56		1934
R. S. 38, H-3, Col. 12	57		acres...1939
R. S. 13, E-25, Col. 2	58		1934

Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)	
Section B			
R. S. 39, J-06, Col. 1; R. S. 40, J-06, Col. 1	59	Small grains—Continued. Barley threshed	farms rptg...1939
R. S. 13, E-25, Col. 1A	60		1934
R. S. 39, J-06, Col. 3; R. S. 40, J-06, Col. 25	61		acres...1939
R. S. 13, E-25, Col. 2	62		1934
R. S. 39, J-06, Col. 4; R. S. 40, J-06, Col. 26	63		bushels...1939
R. S. 13, E-25, Col. 3	64		1934
R. S. 39, J-07, Col. 1; R. S. 40, J-07, Col. 1	65	Rye threshed	farms rptg...1939
R. S. 13, E-27, Col. 1A	66		1934
R. S. 39, J-07, Col. 2; R. S. 40, J-07, Col. 25	67		acres...1939
R. S. 13, E-27, Col. 2	68		1934
R. S. 39, J-07, Col. 4; R. S. 40, J-07, Col. 26	69		bushels...1939
R. S. 13, E-27, Col. 3	70		1934
R. S. 39, J-08, Col. 1; R. S. 40, J-08, Col. 1	71	Flax threshed	farms rptg...1939
R. S. 13, E-30, Col. 1A	72		1934
R. S. 39, J-08, Col. 2; R. S. 40, J-08, Col. 25	73		acres...1939
R. S. 13, E-30, Col. 2	74		1934
R. S. 39, J-08, Col. 4; R. S. 40, J-08, Col. 26	75		bushels...1939
R. S. 13, E-30, Col. 3	76		1934
R. S. 38, H-01, Col. 1	77	Any wheat threshed	farms rptg...1939
R. S. 14, E-23, Col. 7	78		1934
C. S. 70, Col. 2	79		1929
Line 88+93	80		acres...1939
Line 87+94	81		1934
Line 88+95	82		1929
R. S. 38, H-04, Col. 7	83	Winter wheat threshed	farms rptg...1939
R. S. 13, E-22, Col. 1A	84		1934
R. S. 81, P-05, Col. 1B	85		1929
R. S. 38, H-04, Col. 7	86		acres...1939
R. S. 13, E-21, Col. 2	87		1934
R. S. 81, P-05, Col. 2	88		1929
R. S. 38, H-04, Col. 8	89		bushels...1939
R. S. 13, E-21, Col. 3	90		1934
R. S. 38, H-04, Col. 9	91	Spring wheat threshed	farms rptg...1939
R. S. 14, E-22, Col. 1A	92		1934
R. S. 38, H-04, Col. 12, Line 99+102	93		acres...1939
R. S. 14, E-23, Col. 2	94		1934
Work line 95a+96a	95		1929
R. S. 38, H-04, Col. 13, Line 100+103	96		bushels...1939
R. S. 14, E-23, Col. 3	97		1934
R. S. 38, H-04, Col. 11		Durum and macaroni wheat threshed	farms rptg...1939
R. S. 38, H-04, Col. 12	99		acres...1939
R. S. 38, H-04, Col. 13	100		bushels...1939
R. S. 38, H-04, Col. 14	101	Other spring wheat threshed	farms rptg...1939
R. S. 38, H-04, Col. 15	102		acres...1939
R. S. 38, H-04, Col. 16	103		bushels...1939
R. S. 39, J-05, Col. 1; R. S. 40, J-05, Col. 1	104	Emmer and spelt threshed	farms rptg...1939
R. S. 39, J-05, Col. 2; R. S. 40, J-05, Col. 25	105		acres...1939
R. S. 39, J-05, Col. 4; R. S. 40, J-05, Col. 26	106		bushels...1939
R. S. 39, J-06, Col. 1; R. S. 40, J-06, Col. 1	107	Buckwheat threshed	farms rptg...1939
R. S. 39, J-06, Col. 3; R. S. 40, J-06, Col. 25	108		acres...1939
R. S. 39, J-06, Col. 4; R. S. 40, J-06, Col. 26	109		bushels...1939
R. S. 39, J-07, Col. 1; R. S. 40, J-07, Col. 1	110	Rice (rough or paddy) threshed	farms rptg...1939
R. S. 13, E-28, Col. 1A	111		1934
R. S. 39, J-07, Col. 2; R. S. 40, J-07, Col. 25	112		acres...1939
R. S. 13, E-28, Col. 2	113		1934
R. S. 39, J-07, Col. 4; R. S. 40, J-07, Col. 26	114		100-lb. bags, 162-lb. bbl...1939
R. S. 13, E-28, Col. 3	115		1934
		NOT FOR PRINTING	
R. S. 81, P-07, Col. 2	95a	Durum or macaroni wheat threshed	acres...1939
R. S. 81, P-08, Col. 2	95b	Other spring wheat threshed	acres...1939

Form 18-647-1
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE : 1940

A State _____ **COUNTY TABLE VII.—(2 sections) Section A**

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COUNTY TABLE VII.—ACREAGE AND PRODUCTION OF HAY CROPS AND MISCELLANEOUS CROPS, 1939 AND 1934

U. S. GOVERNMENT PRINTING OFFICE 938164

Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)	
R. S. 39, J-__, Col. 17; R. S. 40, J-__, Col. 23.	1	All hay, exclusive of sorghums	farms reporting...1939
C. S. 70, Col. 2; total	2		1939
Line 3+14+19+23+29+35+40+43	3		acres...1939
Line 9+15+25+30+36+46	4		1934
1930, Vol. IV, C. T. V	5		1929
R. S. 39, J-16, Col. 1; R. S. 40, J-16, Col. 1.	6	Annual legumes cured for hay (see text)	farms rptg...1939
R. S. 13, E-10, Col. 1A	7		1934
R. S. 39, J-16, Col. 3; R. S. 40, J-16, Col. 23.	8		acres...1939
R. S. 13, E-10, Col. 2	9		1934
R. S. 39, J-16, Col. 4; R. S. 40, J-16, Col. 39.	10		tons...1939
R. S. 13, E-10, Col. 3	11		1934
R. S. 39, J-17, Col. 1; R. S. 40, J-17, Col. 1.	12	Alfalfa hay	farms rptg...1939
R. S. 13, E-11, Col. 1A	13		1934
R. S. 39, J-17, Col. 3; R. S. 40, J-17, Col. 23.	14		acres...1939
R. S. 13, E-11, Col. 2	15		1934
R. S. 39, J-17, Col. 4; R. S. 40, J-17, Col. 39.	16		tons...1939
R. S. 13, E-11, Col. 3	17		1934
R. S. 39, J-18, Col. 1; R. S. 40, J-18, Col. 1.	18	Sweetclover hay	farms rptg...1939
R. S. 39, J-18, Col. 3; R. S. 40, J-18, Col. 23.	19		acres...1939
R. S. 39, J-18, Col. 4; R. S. 40, J-18, Col. 39.	20		tons...1939
R. S. 39, J-19, Col. 1; R. S. 40, J-19, Col. 1.	21	Lespedeza hay	farms rptg...1939
R. S. 39, J-19, Col. 3; R. S. 40, J-19, Col. 23.	22		acres...1939
R. S. 39, J-19, Col. 4; R. S. 40, J-19, Col. 39.	23		tons...1939
R. S. 13, E-13, Col. 1A	24	Sweetclover and lespedeza hay	farms rptg...1934
R. S. 13, E-13, Col. 2	25		acres...1934
R. S. 13, E-13, Col. 3	26		tons...1934
R. S. 39, J-20, Col. 1; R. S. 40, J-20, Col. 1.	27	Clover or timothy hay, alone or mixed	farms rptg...1939
R. S. 13, E-12, Col. 1A	28		1934
R. S. 39, J-20, Col. 3; R. S. 40, J-20, Col. 23.	29		acres...1939
R. S. 13, E-12, Col. 2	30		1934
R. S. 39, J-20, Col. 4; R. S. 40, J-20, Col. 39.	31		tons...1939
R. S. 13, E-12, Col. 3	32		1934
R. S. 39, J-21, Col. 1; R. S. 40, J-21, Col. 1.	33	Small grains cut for hay	farms rptg...1939
R. S. 13, E-29, Col. 1A	34		1934
R. S. 39, J-21, Col. 3; R. S. 40, J-21, Col. 23.	35		acres...1939
R. S. 13, E-29, Col. 2	36		1934
R. S. 39, J-21, Col. 4; R. S. 40, J-21, Col. 39.	37		tons...1939
R. S. 13, E-29, Col. 3	38		1934
R. S. 39, J-22, Col. 1; R. S. 40, J-22, Col. 1.	39	All other tame hay	farms rptg...1939
R. S. 39, J-22, Col. 3; R. S. 40, J-22, Col. 23.	40		acres...1939
R. S. 39, J-22, Col. 4; R. S. 40, J-22, Col. 39.	41		tons...1939
R. S. 39, J-23, Col. 1; R. S. 40, J-23, Col. 1.	42	Wild hay	farms rptg...1939
R. S. 39, J-23, Col. 3; R. S. 40, J-23, Col. 23.	43		acres...1939
R. S. 39, J-23, Col. 4; R. S. 40, J-23, Col. 39.	44		tons...1939
R. S. 13, E-14, Col. 1A	45	All other tame and wild grasses cut for hay	farms rptg...1934
R. S. 13, E-14, Col. 2	46		acres...1934
R. S. 13, E-14, Col. 3	47		tons...1934

Section B

Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)	
R. S. 44, L-32, Col. 1; R. S. 45, L-29, Col. 1.	48	Miscellaneous crops: Irish potatoes	farms rptg...1939
R. S. 13, E-33, Col. 1A	49		1934
R. S. 44, L-29, Col. 2; R. S. 45, L-29, Col. 24.	50		acres...1939
R. S. 13, E-33, Col. 2	51		1934
R. S. 44, L-29, Col. 4; R. S. 45, L-29, Col. 25.	52		100-lb. bags bushels...1939
R. S. 13, E-33, Col. 3	53		1934
R. S. 44, L-31, Col. 1; R. S. 45, L-31, Col. 1.	54	Sweetpotatoes and yams	farms rptg...1939
R. S. 13, E-30, Col. 1A	55		1934
R. S. 44, L-31, Col. 3; R. S. 45, L-31, Col. 24.	56		acres...1939
R. S. 13, E-30, Col. 2	57		1934
R. S. 44, L-31, Col. 4; R. S. 45, L-31, Col. 25.	58		100-lb. bags bushels...1939
R. S. 13, E-30, Col. 3	59		1934
R. S. 44, L-30, Col. 1	60	Cotton	farms rptg...1939
R. S. 15, Col. 1A (see instructions).	61		1934
R. S. 44, L-30, Col. 3	62		acres...1939
R. S. 15, Col. 2	63		1934
R. S. 44, L-30, Col. 4	64		bales (square)[1]...1939
R. S. 15, Col. 3	65		1934
R. S. 44, L-32, Col. 1; R. S. 45, L-32, Col. 1.	66	Tobacco	farms rptg...1939
R. S. 13, E-32, Col. 1A	67		1934
R. S. 44, L-32, Col. 3; R. S. 45, L-32, Col. 24.	68		acres...1939
R. S. 13, E-32, Col. 2	69		1934
R. S. 44, L-32, Col. 4; R. S. 45, L-32, Col. 25.	70		pounds...1939
R. S. 13, E-32, Col. 3	71		1934
R. S. 44 or 45, L-33 (see instructions).	72	Sugarcane for sirup and/or sugar (see text)	farms rptg...1939
Line 75+78	73		acres...1939
R. S. 44, L-33, Col. 1; R. S. 45, L-33, Col. 1.	74	Sugarcane sirup (see text)	farms rptg...1939
R. S. 44, L-33, Col. 3; R. S. 45, L-33, Col. 24.	75		acres...1939
R. S. 44, L-33, Col. 4; R. S. 45, L-33, Col. 25.	76		gallons...1939
R. S. 44, L-34, Col. 1; R. S. 45, L-34, Col. 1.	77	Sugarcane for sugar or sale to mills	farms rptg...1939
R. S. 44, L-34, Col. 3; R. S. 45, L-34, Col. 24.	78		acres...1939
R. S. 44, L-34, Col. 4; R. S. 45, L-34, Col. 25.	79		tons...1939
R. S. 13, E-31, Col. 1A	80	Sugarcane for all purposes	farms rptg...1934
R. S. 13, E-31, Col. 2	81		acres...1934
R. S. 13, E-31, Col. 3	82		tons...1934
R. S. 44, L-35, Col. 1; R. S. 45, L-35, Col. 1.	83	Sugar beets for sugar	farms rptg...1939
R. S. 13, E-31, Col. 1A	84		1934
R. S. 44, L-35, Col. 3; R. S. 45, L-35, Col. 24.	85		acres...1939
R. S. 13, E-31, Col. 2	86		1934
R. S. 44, L-35, Col. 4; R. S. 45, L-35, Col. 25.	87		tons...1939
R. S. 13, E-31, Col. 3	88		1934
R. S. 44, L-36, Col. 1; R. S. 45, L-36, Col. 1.	89	Hops	farms rptg...1939
R. S. 44, L-36, Col. 3; R. S. 45, L-36, Col. 24.	90		acres...1939
R. S. 44, L-36, Col. 4; R. S. 45, L-36, Col. 25.	91		pounds...1939
R. S. 44, L-37, Col. 1; R. S. 45, L-37, Col. 1.	92	Broomcorn	farms rptg...1939
R. S. 44, L-37, Col. 3; R. S. 45, L-37, Col. 24.	93		acres...1939
R. S. 44, L-37, Col. 4; R. S. 45, L-37, Col. 25.	94		pounds...1939
R. S. 44, L-38, Col. 1; R. S. 45, L-38, Col. 1.	95	Popcorn	farms rptg...1939
R. S. 44, L-38, Col. 3; R. S. 45, L-38, Col. 24.	96		acres...1939
R. S. 44, L-38, Col. 4; R. S. 45, L-38, Col. 25.	97		bushels...1939
R. S. 44, L-39, Col. 1; R. S. 45, L-39, Col. 1.	98	Mint harvested for oil	farms rptg...1939
R. S. 44, L-39, Col. 3; R. S. 45, L-39, Col. 24.	99		acres...1939
R. S. 44, L-39, Col. 4; R. S. 45, L-39, Col. 25.	100		lb. of oil...1939
R. S. 44, L-40, Col. 1; R. S. 45, L-40, Col. 1.	101	Silage crops (other than corn and sorghums)	farms rptg...1939
R. S. 44, L-40, Col. 3; R. S. 45, L-40, Col. 24.	102		acres...1939
R. S. 44, L-40, Col. 4; R. S. 45, L-40, Col. 25.	103		tons...1939
R. S. 44, L-41, Col. 1; R. S. 45, L-41, Col. 1.	104	Root and grain crops (other than corn and annual legumes) hogged off	farms rptg...1939
R. S. 44, L-41, Col. 3; R. S. 45, L-41, Col. 24.	105		acres...1939

[1] Running bales of lint cotton, counting round as half bales.

Form 16-684 A
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE: 1940

A State _____ COUNTY TABLE VIII (3 sections), Section A

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COUNTY TABLE VIII.—FARM MORTGAGE DEBT, APR. 1, 1940; AND FARM TAXES LEVIED IN 1939

Result Slip or other source of figure		ITEM (For definitions, see text)
		FARM MORTGAGE DEBT, APR. 1, 1940
First Series, C. T. 2, L. 14+4	1	All farms operated by owners.....number
R. S. 8, col. 15	2	Free from mortgage.....number
R. S. 8, col. 16	3	Mortgaged.....number
L. 3+1	4	Proportion mortgaged.....percent
R. S. 8, col. 17	5	No mortgage report.....number (6-pt. space across)
First Series, C. T. 2, L. 3	6	Farms operated by full owners.....number
R. S. 9, col. 1 (T. 1), L. 33	7	Free from mortgage.....number
R. S. 9, col. 1 (T. 1), L. 34	8	Mortgaged.....number
L. 8+6	9	Proportion mortgaged.....percent
R. S. 9, col. 1 (T. 1), L. 32	10	No mortgage report.....number
R. S. 9, col. 1 (T. 1), L. 31	11	Owning no additional land (see text).....number
R. S. 9, col. 1 (T. 1), L. 30	12	Free from mortgage.....number
R. S. 9, col. 3 (T. 1), L. 30	13	All land in farms.....acres
R. S. 9, col. 4 (T. 1), L. 30	14	Value of land and buildings.....dollars
R. S. 9, col. 20 (T. 1), L. 30	15	Average value per farm.....dollars
R. S. 9, col. 1 (T. 1), L. 29	16	Mortgaged.....number (6-pt. space across)
L. 15+11	17	Proportion mortgaged.....percent
R. S. 9, col. 3 (T. 1), L. 29	18	All land in farms.....acres
R. S. 9, col. 4 (T. 1), L. 29	19	Value of land and buildings.....dollars
R. S. 9, col. 20 (T. 1), L. 29	20	Average value per farm.....dollars (6-pt. space across)
R. S. 9, col. 1 (T. 1), L. 28	21	Mortgaged with amount of debt reported number
R. S. 9, col. 3 (T. 1), L. 28	22	All land in farms.....acres
R. S. 9, col. 4 (T. 1), L. 28	23	Value of land and buildings.....dollars
R. S. 9, col. 5 (T. 1), L. 28	24	Amount of mortgage.....dollars
R. S. 9, col. 22 (T. 1), L. 28	25	Average equity per farm.....dollars
R. S. 9, col. 23 (T. 1), L. 28	26	Average debt per farm.....dollars
R. S. 9, col. 21 (T. 1), L. 28	27	Average debt per acre.....dollars
R. S. 9, col. 19 (T. 1), L. 28	28	Ratio of debt to value.....percent
R. S. 9, col. 1 (T. 1), L. 27	29	No mortgage report.....number
R. S. 9, col. 3 (T. 1), L. 27	30	All land in farms.....acres
R. S. 9, col. 4 (T. 1), L. 27	31	Value of land and buildings.....dollars (6-pt. space across)

Section B Result Slip or other source of figure		ITEM (For definitions, see text)
		FARM MORTGAGE DEBT Apr. 1, 1940—Continued
First Series, C. T. 2, L. 4	32	Farms operated by part owners.....number
R. S. 9, col. 1 (T. 2), L. 35	33	Free from mortgage.....number
R. S. 9, col. 1 (T. 2), L. 34	34	Mortgaged.....number
L. 34+32	35	Proportion mortgaged.....percent
R. S. 9, col. 1 (T. 2), L. 32	36	No mortgage report.....number
R. S. 9, col. 1 (T. 2), L. 31	37	Owning no additional land (see text).....number
R. S. 9, col. 1 (T. 2), L. 30	38	Free from mortgage.....number
R. S. 9, col. 3 (T. 2), L. 30	39	All land in farms.....acres
L. 39 minus work sheet L. 45a	40	Portion owned by operator.....acres
R. S. 9, col. 4 (T. 2), L. 30	41	Value of land and buildings.....dollars
R. S. 9, col. 6 (T. 2), L. 30	42	Portion owned by operator.....dollars
R. S. 9, col. 20 (T. 2), L. 30	43	Average value per farm.....dollars
R. S. 9, col. 1 (T. 2), L. 29	44	Mortgaged.....number (6-pt. space across)
L. 44+37	45	Proportion mortgaged.....percent
R. S. 9, col. 3 (T. 2), L. 29	46	All land in farms.....acres
L. 46 minus work sheet L. 47a	47	Portion owned by operator.....acres
R. S. 9, col. 4 (T. 2), L. 29	48	Value of land and buildings.....dollars
R. S. 9, col. 6 (T. 2), L. 29	49	Portion owned by operator.....dollars
R. S. 9, col. 20 (T. 2), L. 29	50	Average value per farm.....dollars (6-pt. space across)
R. S. 9, col. 1 (T. 2), L. 28	51	Mortgaged with amount of debt reported number
R. S. 9, col. 3 (T. 2), L. 28	52	All land in farms.....acres
L. 52 minus work sheet L. 53a	53	Portion owned by operator.....acres
R. S. 9, col. 4 (T. 2), L. 28	54	Value of land and buildings.....dollars
R. S. 9, col. 6 (T. 2), L. 28	55	Portion owned by operator.....dollars
R. S. 9, col. 5 (T. 2), L. 28	56	Amount of mortgage.....dollars
R. S. 9, col. 22 (T. 2), L. 28	57	Average equity per farm.....dollars
R. S. 9, col. 21 (T. 2), L. 28	58	Average debt per farm.....dollars
R. S. 9, col. 23 (T. 2), L. 28	59	Average debt per acre.....dollars
R. S. 9, col. 19 (T. 2), L. 28	60	Ratio of debt to value.....percent
R. S. 9, col. 1 (T. 2), L. 27	61	No mortgage report.....number
R. S. 9, col. 3 (T. 2), L. 27	62	All land in farms.....acres
L. 62 minus work sheet L. 63a	63	Portion owned by operator.....acres
R. S. 9, col. 4 (T. 2), L. 27	64	Value of land and buildings.....dollars
R. S. 9, col. 6 (T. 2), L. 27	65	Portion owned by operator.....dollars
		Average age of operator, by mortgage status:
R. S. 9, col. 24 (T. 1), L. 35	65	Full owners... Free from mortgage.....years
R. S. 9, col. 24 (T. 1), L. 34	67	Mortgaged.....years
R. S. 9, col. 24 (T. 2), L. 33	66	Part owners... Free from mortgage.....years
R. S. 9, col. 24 (T. 2), L. 31	68	Mortgaged.....years
Work sheet L. 70b+70a	70	Average of the rates of interest (see text).....percent (parallel dashes across)
		NOT FOR PRINTING
R. S. 9, col. 7 (T. 2), L. 30	45a	Portion rented by operator.....acres
R. S. 9, col. 7 (T. 2), L. 29	47a	Portion rented by operator.....acres
R. S. 9, col. 7 (T. 2), L. 28	53a	Portion rented by operator.....acres
R. S. 9, col. 7 (T. 2), L. 27	63a	Portion rented by operator.....acres
R. S. 9, col. 11-16 (T. 1), L. 35	66a	Full owners (free from mortgage) reporting age of operator number
R. S. 9, col. 17 (T. 1), L. 35	66b	years
R. S. 9, col. 11-16 (T. 1), L. 34	67a	Full owners (mortgaged) reporting age of operator number
R. S. 9, col. 17 (T. 1), L. 34	67b	years
R. S. 9, col. 11-16 (T. 2), L. 33	68a	Part owners (free from mortgage) reporting age of operator number
R. S. 9, col. 17 (T. 2), L. 33	68b	years
R. S. 9, col. 11-16 (T. 2), L. 34	69a	Part owners (mortgaged) reporting age of operator number
R. S. 9, col. 17 (T. 2), L. 34	69b	years
Line 70c+L. 70a	70a	All owners reporting interest rate on first mortgage number
Line 91+L. 70f	70b	total of rates
R. S. 9, col. 8 (T. 1), L. 36	70c	Full owners reporting interest rate on first mortgage number
R. S. 9, col. 9 (T. 1), L. 36	70d	total of rates
R. S. 9, col. 8 (T. 2), L. 36	70e	Part owners reporting interest rate on first mortgage number
R. S. 9, col. 9 (T. 2), L. 36	70f	total of rates

Section C Result Slip or other source of figure		ITEM (For definitions, see text)
		FARM TAXES LEVIED IN 1939
First Series, C. T. 2, L. 1	71	Farms operated by full owners.....number
R. S. 12, col. 9, L. 35	72	Owning no additional land (see text).....number
L. 72+L. 71	73	percent reporting
R. S. 12, col. 9, L. 32	74	Reporting real-estate taxes.....number
R. S. 12, col. 10, L. 32	75	All land in farms.....acres
R. S. 12, col. 12, L. 32	76	Value of land and buildings.....dollars
R. S. 12, col. 13, L. 32	77	Amount of real-estate taxes.....dollars
R. S. 12, col. 19, L. 32	78	Average tax per acre.....dollars
R. S. 12, col. 20, L. 32	79	Taxes per $100 of value.....dollars
R. S. 12, col. 14, L. 35	80	Reporting personal-property taxes.....number
R. S. 12, col. 15, L. 35	81	Amount of personal-property taxes.....dollars
R. S. 12, col. 21, L. 35	82	Average per farm reporting.....dollars (6-pt. space across)
First Series, C. T. 2, L. 4	83	Farms operated by part owners.....number
R. S. 12, col. 9, L. 34	84	Owning no additional land (see text).....number
L. 84+L. 83	85	percent reporting
R. S. 12, col. 9, L. 31	86	Reporting real-estate taxes.....number
Work sheet L. 87a minus L. 87b	87	Land owned by operator.....acres
R. S. 12, col. 12, L. 31	88	Value of land and buildings owned.....dollars
R. S. 12, col. 13, L. 31	89	Amount of real-estate taxes.....dollars
R. S. 12, col. 19, L. 31	90	Average tax per acre.....dollars
R. S. 12, col. 20, L. 31	91	Taxes per $100 of value.....dollars
R. S. 12, col. 14, L. 34	92	Reporting personal-property taxes.....number
R. S. 12, col. 15, L. 34	93	Amount of personal-property taxes.....dollars
R. S. 12, col. 21, L. 34	94	Average per farm reporting.....dollars (Single rule)
		NOT FOR PRINTING
R. S. 12, col. 10, L. 31	87a	All land in farms.....acres
R. S. 12, col. 11, L. 31	87b	Portion rented by operator.....acres

Form 16-G85
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE: 1940

State ..... COUNTY TABLE IX

..... Sheets. Sheet No. ..... Stub—Left. Right.

COUNTY TABLE IX.—WORK OFF FARM, 1939 AND 1934; AND AGE, YEAR OF OCCUPANCY, AND RESIDENCE OF FARM OPERATOR, APR. 1, 1940

U. S. GOVERNMENT PRINTING OFFICE

Result Slip or other source of figures		ITEM (For definitions: "Farm operator," etc., see text)
		Work off farm for pay or income:
R. S. 21, col. 1, L. 37	1	Operators reporting work off their farms.....number..1939..
C. S. 4, col. 13	2	1934..
R. S. 21, col. 20, L. 37	3	Proportion of all farm operators.....percent..1939..
L. 2, L. 2a	4	1934..
R. S. 21, col. 13, L. 37	5	Days worked off farm in 1939.....total..days..
R. S. 21, col. 21, L. 37	6	Average for.....All farm operators reporting.....days..
R. S. 21, col. 21, L. 37	7	White operators [1].....days..
R. S. 21, col. 21, L. 37	8	Nonwhite operators.....days..
R. S. 21, col. 21 (T. 1), L. 10	9	Full owners.....days..
R. S. 21, col. 21 (T. 2), L. 9	10	Part owners.....days..
R. S. 21, col. 21 (T. 4-8), L. 7	11	All tenants.....days..
L. 12a, 12b	12	Operators reporting....Under 50 days.....number..
L. 12a, 12b	13	50 to 99 days.....number..
L. 14a to 14d	14	100 days and over.....number..
R. S. 21, col. 14, L. 37	15	Operators reporting work on other farms (see text).....number..
R. S. 21, col. 15, L. 37	16	days worked..
R. S. 21, col. 24, L. 37	17	average..
R. S. 21, col. 16	18	Operators reporting nonfarm work (see text).....number..
R. S. 21, col. 17	19	days worked..
R. S. 21, col. 25, L. 37	20	average..
R. S. 16, col. 2, L. 37	21	Operators rptg. "None" for days worked off farm in 1939.....number..
L. 1a minus L. 1 and 21	22	Operators not reporting for 1939 (see text).....number..
		Age of farm operators reported Apr. 1, 1940:
R. S. 17, col. 24, L. 37	23	Average age of.....All farm operators reporting.....years..
R. S. 17, col. 24, L. 2	24	White operators [1].....years..
R. S. 17, col. 24, L. 35	25	Nonwhite operators.....years..
R. S. 17, col. 24 (T. 1), L. 10	26	Full owners.....years..
R. S. 17, col. 24 (T. 2), L. 9	27	Part owners.....years..
R. S. 17, col. 24 (T. 3), L. 3	28	Managers.....years..
R. S. 17, col. 24 (T. 4-8), L. 7	29	All tenants.....years..
		Year of occupancy reported Apr. 1, 1940:
R. S. 17, col. 23, L. 37	30	Average for.....All farm operators reporting.....year..
R. S. 17, col. 25, L. 36	31	White operators [1].....year..
R. S. 17, col. 25, L. 35	32	Nonwhite operators.....year..
R. S. 17, col. 25 (T. 1), L. 10	33	Full owners.....year..
R. S. 17, col. 25 (T. 2), L. 9	34	Part owners.....year..
R. S. 17, col. 25 (T. 3), L. 3	35	Managers.....year..
R. S. 17, col. 25 (T. 4-8), L. 7	36	All tenants.....year..
		Residence of farm operator Apr. 1, 1940:
R. S. 17, col. 20, L. 37	37	On the farm operated.....operators reporting..
R. S. 17, col. 21, L. 37	38	Not on the farm operated.....operators reporting..

[1] Includes Mexicans.

NOT FOR PRINTING

First series C. T. 1, L. 1	1a	All farm operators.....number..1940..
First series C. T. 1, L. 2	2a	1935..
R. S. 21, col. 5	12a	Operators reporting, 1939.....Under 25 days.....number..
R. S. 21, col. 6	12b	25 to 49 days.....number..
R. S. 21, col. 7	13a	50 to 74 days.....number..
R. S. 21, col. 8	13b	75 to 99 days.....number..
R. S. 21, col. 9	14a	100 to 149 days.....number..
R. S. 21, col. 10	14b	150 to 199 days.....number..
R. S. 21, col. 11	14c	200 to 249 days.....number..
R. S. 21, col. 12	14d	250 days and over.....number..

Form 16-686 A
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

A

State ..... **COUNTY TABLE X (2 sections), Section A**

..... Sheets. Sheet No. ..... Stub—Left. Right.

COUNTY TABLE X.—COOPERATIVE SELLING AND PURCHASING AND FARM EXPENDITURES, 1939; FARM LABOR FOR A SPECIFIED WEEK OF 1939 AND OF 1940; AND FARM MACHINERY AND FACILITIES, APRIL 1, 1940

U. S. GOVERNMENT PRINTING OFFICE 278926

Result Slip or other source of figure		ITEM (For definitions: "Farms reporting," etc., see text)
		BUSINESS WITH OR THROUGH COOPERATIVES, 1939
R. S. 20, col. 18	1	Any business with or through cooperatives.....farms reporting...
R. S. 20, col. 19	2	Selling and/or buying.....farms reporting...
R. S. 20, col. 20	3	Selling.....farms reporting...
R. S. 20, col. 21	4	Buying.....farms reporting...
R. S. 20, col. 22	5	Service (see text).....farms reporting...
		PERSONS 14 YEARS OLD AND OVER WORKING (the equivalent of 2 or more days during specified weeks
R. S. 23, col. 7	6	Family labor and/or hired labor (exclusive of housework and contract construction work)...farms reporting...Mar. 24-30, 1940...
R. S. 25, col. 8	7	Sept. 24-30, 1939...
Line 13+16	8	persons.....Mar. 24-30, 1940...
Line 13+17	9	Sept. 24-30, 1939...
R. S. 25, col. 3	10	Family labor (see text) farms reporting...Mar. 24-30, 1940...
R. S. 25, col. 4	11	Sept. 24-30, 1939...
R. S. 25, col. 5	12	persons.....Mar. 24-30, 1940...
R. S. 25, col. 6	13	Sept. 24-30, 1939... (6-pt. space across)
R. S. 26, col. 3	14	Hired labor.....farms reporting...Mar. 24-30, 1940...
R. S. 26, col. 4	15	Sept. 24-30, 1939...
R. S. 26, col. 21	16	persons.....Mar. 24-30, 1940...
R. S. 26, col. 22	17	Sept. 24-30, 1939...
R. S. 28, col. 5	18	Hired by month farms reporting...Mar. 24-30, 1940...
R. S. 26, col. 6	19	Sept. 24-30, 1939...
R. S. 26, col. 7	20	persons .....Mar. 24-30, 1940...
R. S. 26, col. 8	21	Sept. 24-30, 1939...
R. S. 26, col. 9	22	Hired by day or week farms reporting...Mar. 24-30, 1940...
R. S. 26, col. 10	23	Sept. 24-30, 1939...
R. S. 26, col. 11	24	persons.....Mar. 24-30, 1940...
R. S. 26, col. 12	25	Sept. 24-30, 1939...
R. S. 26, col. 13	26	Other hired labor (including piece work and contract labor).....farms reporting...Mar. 24-30, 1940...
R. S. 26, col. 14	27	Sept. 24-30, 1939...
R. S. 26, col. 15	28	persons.....Mar. 24-30, 1940...
R. S. 26, col 16	29	Sept. 24-30, 1939...
		SPECIFIED FARM EXPENDITURES, 1939
R. S. 33, col. 9	30	Cash wages paid for hired labor (exclusive of housework and contract construction work).....farms reporting...
Line 33+35+37	31	dollars.....
R. S. 23, col. 11	32	Hired by month.....farms reporting...
R. S. 23, col. 12	33	dollars.....
R. S. 23, col. 13	34	Hired by day or week.....farms reporting...
R. S. 23, col. 14	35	dollars.....
R. S. 23, col. 15	36	Other hired labor (including piece work and contract labor).....farms reporting...
R. S. 23, col. 16	37	dollars..... (6-pt. space across)
R. S. 24, col. 3	38	Feed for domestic animals and poultry...farms reporting...
R. S. 24, col. 4	39	dollars.....
R. S. 24, col. 5	40	Implements and machinery (see text).....farms reporting...
R. S. 24, col. 6	41	dollars.....
R. S. 24, col. 7	42	Gasoline, distillate, kerosene, and oil.....farms reporting...
R. S. 24, col. 8	43	dollars.....
R. S. 24, col. 9	44	Building materials (see text).....farms reporting...
R. S. 24, col. 10	45	dollars.....
R. S. 24, col. 11	46	Commercial fertilizer.....farms reporting...
R. S. 24, col. 12	47	tons.....
R. S. 24, col. 13	48	dollars.....
R. S. 24, col. 14	49	Liming materials (lime, marl, gypsum, etc.).....farms reporting...
R. S. 24, col. 15	50	tons.....
R. S. 24, col. 16	51	dollars.....

Form 16-686 B
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

B

..... Sheets. Sheet No. ..... Stub—Left. Right.

U. S. GOVERNMENT PRINTING OFFICE 278926

Result Slip or other source of figure		ITEM (For definitions: "Farms reporting," etc., see text)
		SPECIFIED FARM MACHINERY AND FACILITIES, APRIL 1, 1940
R. S. 18, col. 15	52	Automobiles on farms.....farms reporting...
R. S. 18, col. 16	53	number.....
Work line 54f	54	Year of latest model, 1936-1940.....farms reporting...
Work line 55f	55	1931-1935.....farms reporting...
R. S. 18, col. 19	56	1930 and earlier...farms reporting...
R. S. 18, col. 25	57	Average.....year (6-pt. space across)
R. S. 19, col. 15	58	Motortrucks on farms.....farms reporting...
R. S. 19, col. 16	59	number.....
Work line 60f	60	Year of latest model, 1936-1940.....farms reporting...
Work line 61f	61	1931-1935.....farms reporting...
R. S. 19, col. 19	62	1930 and earlier...farms reporting...
R. S. 19, col. 25	63	Average.....year (6-pt. space across)
R. S. 20, col. 15	64	Tractors on farms.....farms reporting...
R. S. 20, col. 16	65	number.....
Work line 66f	66	Year of latest model, 1936-1940.....farms reporting...
Work line 67f	67	1931-1935.....farms reporting...
R. S. 20, col. 13	68	1930 and earlier...farms reporting...
R. S. 20, col. 24	69	Average.....year
R. S. 13, col. 17	70	Electric distribution line within ¼ mile of the farm dwelling.....farms reporting...
Line 72+73	71	Dwelling lighted by electricity.....farms reporting...
R. S. 19, col. 19	72	Current from a power line.....farms reporting...
R. S. 19, col. 20	73	Current from a home plant.....farms reporting...
R. S. 13, col. 21	74	With power line within ¼ mile...farms reporting...
R. S. 19, col. 29	75	Telephone on farm.....farms reporting...
R. S. 18, col. 17	76	Kind of road (see text): Hard-surfaced.....farms reporting...
R. S. 18, col. 18	77	Gravel, shell, slate, etc.....farms reporting...
R. S. 18, col. 19	78	Improved dirt.....farms reporting...
R. S. 18, col. 20	79	Unimproved dirt.....farms reporting...

State ..... **WORK SHEET FOR COUNTY TABLE X**

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
AGRICULTURE: 1940

..... Sheets. Sheet No. ..... Stub—Left. Right.

WORK SHEET FOR COUNTY TABLE X.—FARMS REPORTING YEAR OF LATEST MODEL ON FARM, APRIL 1, 1940 (Automobiles, motortrucks, tractors)

Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)
		AUTOMOBILES ON FARMS
R. S. 18, col. 3	54a	Year of latest model.....1940.....farms reporting...
R. S. 18, col. 4	54b	1939.....farms reporting...
R. S. 18, col. 5	54c	1938.....farms reporting...
R. S. 18, col. 6	54d	1937.....farms reporting...
R. S. 18, col. 7	54e	1936.....farms reporting...
Sum 54a to 54e	54f	1936-1940...farms reporting... (6-pt. space across)
R. S. 18, col. 8	55a	1935.....farms reporting...
R. S. 18, col. 9	55b	1934.....farms reporting...
R. S. 18, col. 10	55c	1933.....farms reporting...
R. S. 18, col. 11	55d	1932.....farms reporting...
R. S. 18, col. 12	55e	1931.....farms reporting...
Sum 55a to 55e	55f	1931-1935...farms reporting... (6-pt. space across)
R. S. 18, col. 14	57a	Total of the years of latest model.....1940...
		MOTORTRUCKS ON FARMS
R. S. 19, col. 3	60a	Year of latest model.....1940.....farms reporting...
R. S. 19, col. 4	60b	1939.....farms reporting...
R. S. 19, col. 5	60c	1938.....farms reporting...
R. S. 19, col. 6	60d	1937.....farms reporting...
R. S. 19, col. 7	60e	1936.....farms reporting...
Sum 60a to 60e	60f	1936-1940...farms reporting... (6-pt. space across)
R. S. 19, col. 8	61a	1935.....farms reporting...
R. S. 19, col. 9	61b	1934.....farms reporting...
R. S. 19, col. 10	61c	1933.....farms reporting...
R. S. 19, col. 11	61d	1932.....farms reporting...
R. S. 19, col. 12	61e	1931.....farms reporting...
Sum 61a to 61e	61f	1931-1935...farms reporting... (6-pt. space across)
R. S. 19, col. 14	63a	Total of the years of latest model.....1940...
		TRACTORS ON FARMS
R. S. 20, col. 3	66a	Year of latest model.....1940.....farms reporting...
R. S. 20, col. 4	66b	1939.....farms reporting...
R. S. 20, col. 5	66c	1938.....farms reporting...
R. S. 20, col. 6	66d	1937.....farms reporting...
R. S. 20, col. 7	66e	1936.....farms reporting...
Sum 66a to 66e	66f	1936-1940...farms reporting... (6-pt. space across)
R. S. 20, col. 8	67a	1935.....farms reporting...
R. S. 20, col. 9	67b	1934.....farms reporting...
R. S. 20, col. 10	67c	1933.....farms reporting...
R. S. 20, col. 11	67d	1932.....farms reporting...
R. S. 20, col. 12	67e	1931.....farms reporting...
Sum 67a to 67e	67f	1931-1935...farms reporting... (6-pt. space across)
R. S. 20, col. 14	69a	Total of the years of latest model.....1940...

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Form 16-687
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE: 1940

State ..... COUNTY TABLE XI

Entered.....
Added, across...
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..... Sheets. Sheet No. ..... Stub—Left. Right.

COUNTY TABLE XI.—GOATS AND KIDS, APR. 1, 1940 AND 1930, AND JAN. 1, 1935; MOHAIR CLIPPED, 1939 AND 1934; AND GOATS MILKED, FARM SLAUGHTER, AND PURCHASES AND SALES OF LIVESTOCK, 1939
[See text for comparability of data]

Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)
R. S. 31, col. 13	1	Goats and kids.....farms rptg...over 4 mo. old...Apr. 1, 1940
C. S. 24, col. 2	2	of all ages.....Jan. 1, 1935
R. S. 45, col. 1b	3	of all ages.....Apr. 1, 1930
Line 7, plus w. line 8b	4	number.....over 4 mo. old...Apr. 1, 1940
R. S. 24, col. 4	5	of all ages.....Jan. 1, 1935
R. S. 45, col. 4	6	of all ages.....Apr. 1, 1930
R. S. 31, col. 14	7	Angora goats...farms rptg...over 4 mo. old...Apr. 1, 1940
R. S. 31, col. 15	8	number.....over 4 mo. old...Apr. 1, 1940
R. S. 45, col. 2	9	of all ages.....Apr. 1, 1930
R. S. 31, col. 16	10	Other goats...farms rptg...over 4 mo. old...Apr. 1, 1940
R. S. 31, col. 17	11	number.....over 4 mo. old...Apr. 1, 1940
R. S. 31, col. 18	12	Mohair and kid hair clipped.....farms reporting...1939
C. S. 24, col. 6	13	1934
R. S. 31, col. 19	14	pounds.....1939
R. S. 24, col. 5	15	1934
R. S. 31, col. 22	16	Goats milked during any part of 1939.....farms reporting
R. S. 31, col. 23	17	number
		Farm slaughter, 1939:
R. S. 31, col. 3	18	Any animals butchered.....farms reporting
R. S. 31, col. 4	19	Cattle and/or calves butchered.....farms reporting
R. S. 31, col. 5	20	Cattle butchered.....farms reporting
R. S. 31, col. 6	21	number
R. S. 31, col. 7	22	Calves butchered.....farms reporting
R. S. 31, col. 8	23	number
R. S. 31, col. 9	24	Hogs and pigs butchered.....farms reporting
R. S. 31, col. 10	25	number
R. S. 31, col. 11	26	Sheep and lambs butchered.....farms reporting
R. S. 31, col. 12	27	number
		Livestock purchased, 1939:
R. S. 32, col. 5	28	Cattle and/or calves bought.....farms reporting
R. S. 32, col 6	29	Cattle bought.....farms reporting
R. S. 32, col. 7	30	number
R. S. 32, col. 8	31	Calves bought.....farms reporting
R. S. 32, col. 9	32	number
R. S. 32, col. 10	33	Hogs and pigs bought.....farms reporting
R. S. 32, col. 11	34	number
R. S. 32, col. 12	35	Sheep and lambs bought.....farms reporting
R. S. 32, col. 13	36	number
		Livestock sold alive, 1939:
R. S. 32, col. 15	37	Cattle and/or calves sold.....farms reporting
R. S. 32, col. 16	38	Cattle sold.....farms reporting
R. S. 32, col. 17	39	number
R. S. 32, col. 18	40	Calves sold.....farms reporting
R. S. 32, col. 19	41	number
R. S. 32, col. 20	42	Hogs and pigs sold.....farms reporting
R. S. 32, col. 21	43	number
R. S. 32, col. 22	44	Sheep and lambs sold.....farms reporting
R. S. 32, col. 23	45	number
		NOT FOR PRINTING
		For animals in captivity:
R. S. 34, col. 16	46	Silver fox...females over 3 mo. old...farms rptg...Apr. 1, 1940
R. S. 34, col. 17	47	number....Apr. 1, 1940
R. S. 34, col. 18	48	pelts taken (both sexes) farms reporting....1939
R. S. 34, col. 19	49	number.....1939
R. S. 34, col. 21	50	Mink.....females over 3 mo. old...farms rptg...Apr. 1, 1940
R. S. 34, col. 22	51	number....Apr. 1, 1940
R. S. 34, col. 23	52	pelts taken (both sexes) farms reporting....1939
R. S. 34, col. 24	53	number.....1939

Form 16-688 A
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

AGRICULTURE: 1940 **A**

State _____ **COUNTY TABLE XII (2 sections), Section A**

_____ Sheets. Sheet No. _____ Stub—Left. Right.

COUNTY TABLE XII.—ACREAGE AND PRODUCTION OF ANNUAL LEGUMES, 1939 AND 1934; AND CLOVER AND GRASS SEEDS, 1939

U. S. GOVERNMENT PRINTING OFFICE 378928

Result slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)	
(1934, C. S., see instructions)		Annual legumes for all purposes, except plowed under for green manure:	
R. S. 41, K-8, col. 1	1	Soybeans	farms reporting 1939
C. S. 11, D-11, col. 1	2		1934
R. S. 41, K-8, col. 25	3	Grown alone	farms reporting 1939
C. S. 11, D-11, col. 2	4		1934
R. S. 41, K-8, col. 7	5		acres 1939
R. S. 11, D-11, col. 2	6		1934
R. S. 41, K-8, col. 8	7	Grown with other crops	farms reporting 1939
C. S. 11, D-11, col. 6	8		1934
R. S. 41, K-8, col. 9	9		acres 1939
R. S. 11, D-11, col. 3	10		1934
R. S. 41, K-8, col. 10	11	Harvested for beans only	farms reporting 1939
C. S. 11, D-11, col. 8	12		1934
R. S. 41, K-8, col. 12	13	Grown alone	acres 1939
R. S. 41, K-8, col. 14	14	Grown with other crops	acres 1939
R. S. 41, K-8, col. 15	15	Quantity harvested	bushels 1939
R. S. 11, D-11, col. 4	16		1934
R. S. 41, K-9, col. 1	17	Cowpeas	farms reporting 1939
C. S. 11, D-12, col. 1	18		1934
R. S. 41, K-9, col. 25	19	Grown alone	farms reporting 1939
C. S. 11, D-12, col. 2	20		1934
R. S. 41, K-9, col. 7	21		acres 1939
R. S. 11, D-12, col. 2	22		1934
R. S. 41, K-9, col. 8	23	Grown with other crops	farms reporting 1939
C. S. 11, D-12, col. 5	24		1934
R. S. 41, K-9, col. 9	25		acres 1939
R. S. 11, D-12, col. 3	26		1934
R. S. 41, K-9, col. 10	27	Harvested for peas	farms reporting 1939
C. S. 11, D-12, col. 8	28		1934
R. S. 41, K-9, col. 12	29	Grown alone	acres 1939
R. S. 41, K-9, col. 14	30	Grown with other crops	acres 1939
R. S. 41, K-9, col. 15	31	Quantity harvested	bushels 1939
R. S. 11, D-12, col. 4	32		1934
R. S. 41, K-9, col. 1	33	Peanuts	farms reporting 1939
C. S. 11, D-10, col. 1	34		1934
R. S. 41, K-9, col. 25	35	Grown alone	farms reporting 1939
C. S. 11, D-10, col. 2	36		1934
R. S. 41, K-9, col. 7	37		acres 1939
R. S. 11, D-10, col. 2	38		1934
R. S. 41, K-9, col. 8	39	Grown with other crops	farms reporting 1939
C. S. 11, D-10, col. 3	40		1934
R. S. 41, K-9, col. 9	41		acres 1939
R. S. 11, D-10, col. 3	42		1934
R. S. 41, K-9, col. 10	43	Harvested for nuts	farms reporting 1939
C. S. 11, D-10, col. 8	44		1934
R. S. 41, K-9, col. 12	45	Grown alone	acres 1939
R. S. 41, K-9, col. 14	46	Grown with other crops	acres 1939
R. S. 41, K-9, col. 15	47	Quantity harvested	pounds 1939
R. S. 11, D-10, col. 4	48		1934

Form 16-688 B
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

AGRICULTURE: 1940 **B**

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_____ Sheets. Sheet No. _____ Stub—Left. Right.

U. S. GOVERNMENT PRINTING OFFICE 378928

Result slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)
		Annual legumes for all purposes, except plowed under for green manure—Continued
R. S. 42, K-1, col. 1	49	Velvetbeans, velvetbeans, mung and horse beans [1] farms reporting 1939
R. S. 42, K-1, col. 3	50	Grown alone farms reporting 1939
R. S. 42, K-1, col. 4	51	acres 1939
R. S. 42, K-1, col. 5	52	Grown with other crops farms reporting 1939
R. S. 42, K-1, col. 6	53	acres 1939
R. S. 42, K-1, col. 7	54	Harvested for seed or beans farms reporting 1939
R. S. 42, K-1, col. 12	55	100-lb. bags bushels 1939
R. S. 42, K-2, col. 1	56	Other dry field and seed beans (navy, pea bean, Great Northern, kidney, lima, pinto, etc.) and lentils (see text) farms reporting 1939
R. S. 11, D-14, col. 1	57	1934
R. S. 42, K-2, col. 3	58	Grown alone farms reporting 1939
R. S. 42, K-2, col. 4	59	acres 1939
R. S. 11, D-14, col. 2	60	1934
R. S. 42, K-2, col. 5	61	Grown with other crops farms reporting 1939
R. S. 42, K-2, col. 6	62	acres 1939
R. S. 11, D-14, col. 3	63	1934
R. S. 42, K-2, col. 7	64	Harvested for beans farms reporting 1939
R. S. 42, K-2, col. 12	65	bushels 1939
R. S. 11, D-14, col. 4	66	1934
R. S. 42, K-5, col. 1	67	Dry field and seed peas [1] farms reporting 1939
R. S. 42, K-5, col. 3	68	Grown alone farms reporting 1939
R. S. 42, K-5, col. 4	69	acres 1939
R. S. 42, K-5, col. 5	70	Grown with other crops farms reporting 1939
R. S. 42, K-5, col. 6	71	acres 1939
R. S. 42, K-5, col. 7	72	Harvested for peas farms reporting 1939
R. S. 42, K-5, col. 12	73	100-lb. bags bushels 1939
R. S. 11, D-13, col. 1	74	Velvetbeans, vetches, Canada and other ripe field peas farms reporting 1934
R. S. 11, D-13, col. 2	75	Grown alone acres 1934
R. S. 11, D-13, col. 3	76	Grown with other crops acres 1934
R. S. 11, D-13, col. 4	77	Harvested for beans or peas 100-lb. bags bushels 1934
R. S. 30: J-24, col. 1 / R. S. 40: J-24, col. 1	78	Clover and grass seeds, 1939: Alfalfa seed farms reporting
J-24, col. 3	79	acres
J-24, col. 4	80	bushels
J-25, col. 1	81	Sweetclover seed farms reporting
J-25, col. 3	82	acres
J-25, col. 4	83	bushels
J-26, col. 1	84	Lespedeza seed farms reporting
J-26, col. 3	85	acres
J-26, col. 4	86	pounds
J-27, col. 1	87	Clover seed farms reporting
J-27, col. 3	88	acres
J-27, col. 4	89	bushels
J-28, col. 1	90	Grass seed farms reporting
J-28, col. 3	91	acres
J-28, col. 4	92	bushels

[1] For 1934 data, see "Velvetbeans, vetches, Canada and other ripe field peas" below.

Form 16-689 A
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE: 1940

A

State ..... **COUNTY TABLE XIII (4 sections), Section A**

..... Sheets. Sheet No. ..... Stub—Left. Right.

Entered.....
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COUNTY TABLE XIII.—VEGETABLES HARVESTED FOR SALE, 1939, 1934, AND 1929; VALUE OF FARM GARDEN VEGETABLES, 1939 AND 1934; AND HORTICULTURAL SPECIALTIES, 1939

Result Slip or other source of figures		ITEM (For definitions "Farms reporting," etc., see text)
R. S 53, col 11	1	Vegetables harvested for sale (excluding Irish and sweet potatoes)..farms reporting..1939..
C. S. 70, col. 7	2	1929..
Add all 1939 acreages	3	acres..1939..
1934 acreages + 91A	4	1934..
1939 V, II, T. VI, L. 1	5	1929..
R. S. 53, col. 12	6	value, dollars..1939..
R. S 73, col 3	7	1929..
R S. 46, M-45, col. 1	8	Artichokes, globe.....farms reporting..1939..
R. S 46, M-45, col 3	9	acres..1939..
R S. 46, M-45, col 4	10	value, dollars..1939..
R. S 46, M-46, col. 1	11	Asparagus.....farms reporting..1939..
R. S 46, M-46, col 3	12	acres..1939..
R. S 46, M-46, col. 4	13	value, dollars..1939..
R S 46, M-47, col. 1	14	Beans, lima (green).....farms reporting..1939..
R S. 46, M-47, col 3	15	acres..1939..
R. S. 46, M-47, col. 4	16	value, dollars..1939..
R. S. 46, M-48, col. 1	17	Beans, snap, string, or wax.....farms reporting..1939..
R S. 13, E-41, col. 1A	18	1934..
R S. 46, M-48, col. 3	19	acres..1939..
R. S. 13, E-41, col 2	20	1934..
R. S. 46, M-48, col. 4	21	value, dollars..1939..
R S 46, M-49, col. 1	22	Beets (table).....farms reporting..1939..
R. S. 46, M-49, col. 3	23	acres..1939..
R. S. 46, M 49, col. 4	24	value, dollars..1939..
R. S. 46, M-50, col 1	25	Broccoli.....farms reporting..1939..
R. S. 46, M-50, col. 3	26	acres..1939..
R. S. 46, M-50, col. 4	27	value, dollars..1939..
R. S. 46, M-01, col. 1	28	Brussels sprouts.....farms reporting..1939..
R. S. 46, M-01, col. 3	29	acres..1939..
R. S. 46, M-01, col. 4	30	value, dollars..1939..
P S. 46, M-51, col. 1	31	Cabbage.....farms reporting..1939..
R. S. 13, E-42, col. 1A	32	1934..
R. S. 46, M-51, col. 3	33	acres..1939..
R. S. 13, E-42, col. 2	34	1934..
R. S. 46, M-51, col. 4	35	value, dollars..1939..
R. S. 46, M-52, col. 1	36	Cantaloups, muskmelons, honeydews, etc.....farms reporting..1939..
R. S. 46, M-52, col 3	37	acres..1939..
R. S. 46, M-52, col. 4	38	value, dollars..1939..
R. S. 46, M-53, col. 1	39	Carrots.....farms reporting..1939..
R. S. 46, M-53, col. 3	40	acres..1939..
R. S. 46, M-53, col. 4	41	value, dollars..1939..
R S. 46, M-54, col. 1	42	Cauliflower (see text).....farms reporting..1939..
R. S. 46, M-54, col. 3	43	acres..1939..
R. S. 46, M-54, col. 4	44	value, dollars..1939..
R. S. 46, M-55, col. 1	45	Celery .....farms reporting..1939..
R. S. 46, M-55, col. 3	46	acres..1939..
R. S. 46, M-55, col. 4	47	value, dollars..1939..
R. S. 46, M-02, col. 1	48	Chard, Swiss.....farms reporting..1939..
R. S. 46, M-02, col. 3	49	acres..1939..
R. S. 46, M-02, col. 4	50	value, dollars..1939..

Form 16-689 B
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE: 1940

B

..... Sheets. Sheet No. ..... Stub—Left. Right.

COUNTY T

U.S. GOVERNMENT PRINTING OFFICE 776729

Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)
		Vegetables harvested for sale (excluding Irish and sweet potatoes)—Continued
R. S. 46, M-03, col. 1	51	Chayote.....farms reporting..1939..
R. S. 46, M-03, col. 3	52	acres..1939..
R. S. 46, M-03, col. 4	53	value, dollars..1939..
R. S. 46, M-04, col. 1	54	Chinese cabbage.....farms reporting..1939..
R. S. 46, M-04, col. 3	55	acres..1939..
R. S. 46, M-04, col. 4	56	value, dollars..1939..
R. S. 46, M-05, col. 1	57	Collards.....farms reporting..1939..
R. S. 46, M-05, col. 3	58	acres..1939..
R. S. 46, M-05, col 4	59	value, dollars..1939..
R. S. 46, M-56, col. 1	60	Corn, sweet (see text).....farms reporting..1939..
R. S. 13, E-43, col. 1A	61	1934..
R. S. 46, M-56, col. 3	62	acres..1939..
R. S 13, E-43, col. 2	63	1934..
R S. 46, M-56, col. 4	64	value, dollars..1939..
R. S. 46, M-06, col. 1	65	Cress, water.....farms reporting..1939..
R. S. 46, M-06, col. 3	66	acres..1939..
R. S. 46, M-06, col. 4	67	value, dollars..1939..
R. S. 46, M-57, col. 1	68	Cucumbers.....farms reporting..1939..
R. S. 46, M-57, col. 3	69	acres..1939..
R. S. 46, M-57, col. 4	70	value, dollars..1939..
R. S. 46, M-07, col. 1	71	Dandelions.....farms reporting..1939..
R. S. 46, M-07, col. 3	72	acres..1939..
R. S. 46, M-07, col. 4	73	value, dollars..1939..
R. S. 46, M-08, col. 1	74	Dasheen.....farms reporting..1939..
R. S. 46, M-08, col. 3	75	acres..1939..
R. S. 46, M-08, col. 4	76	value, dollars..1939..
R. S. 46, M-58, col. 1	77	Eggplant.....farms reporting..1939..
R. S. 46, M-58, col. 3	78	acres..1939..
R. S. 46, M-58, col. 4	79	value, dollars..1939..
R. S. 46, M-09, col. 1	80	Endive.....farms reporting..1939..
R. S. 46, M-09, col. 3	81	acres..1939..
R. S. 46, M-09, col. 4	82	value, dollars..1939..
R. S. 46, M-10, col. 1	83	Escarole.....farms reporting..1939..
R. S. 46, M-10, col. 3	84	acres..1939..
R. S. 46, M-10, col. 4	85	value, dollars..1939..
R. S. 46, M-59, col. 1	86	Garlic.....farms reporting..1939..
R. S. 46, M-59, col. 3	87	acres..1939..
R. S. 46, M-59, col. 4	88	value, dollars..1939..
R. S. 46, M-11, col. 1	89	Horseradish.....farms reporting..1939..
R. S. 46, M-11, col. 3	90	acres..1939..
R. S. 46, M-11, col. 4	91	value, dollars..1939..
R. S. 46, M-60, col. 1	92	Kale.....farms reporting..1939..
R. S. 46, M-60, col. 3	93	acres..1939..
R. S. 46, M-60, col. 4	94	value, dollars..1939..
R. S. 46, M-12, col. 1	95	Kohlrabi.....farms reporting..1939..
R. S. 46, M-12, col. 3	96	acres..1939..
R. S. 46, M-12, col. 4	97	value, dollars..1939..
R. S. 46, M-61, col. 1	98	Lettuce.....farms reporting..1939..
R. S. 46, M-61, col. 3	99	acres..1939..
R. S. 46, M-61, col. 4	100	value, dollars..1939..

Form 18-990 C
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

C

AGRICULTURE: 1940

State _____ **COUNTY TABLE XIII (4 sections), Section C**

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COUNTY TABLE XIII.—VEGETABLES HARVESTED FOR SALE, 1939, 1934, AND 1929; VALUE OF FARM GARDEN VEGETABLES, 1939 AND 1934; AND HORTICULTURAL SPECIALTIES, 1939—Continued

Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)
		Vegetables harvested for sale (excluding Irish and sweet potatoes)—Continued
R. S. 46, M-13, col. 1	101	Mustard (greens) ..... farms reporting 1939
R. S. 46, M-13, col. 2	102	acres 1939
R. S. 46, M-13, col. 4	103	value, dollars 1939
R. S. 46, M-14, col. 1	104	Okra ..... farms reporting 1939
R. S. 46, M-14, col. 3	105	acres 1939
R. S. 46, M-14, col. 4	106	value, dollars 1939
R. S. 46, M-62, col. 1	107	Onions (dry) ..... farms reporting 1939
R. S. 46, M-62, col. 2	108	acres 1939
R. S. 46, M-62, col. 4	109	value, dollars 1939
R. S. 46, M-15, col. 1	110	Onions (green) and shallots ..... farms reporting 1939
R. S. 46, M-15, col. 2	111	acres 1939
R. S. 46, M-15, col. 4	112	value, dollars 1939
R. S. 46, M-16, col. 1	113	Parsley ..... farms reporting 1939
R. S. 46, M-16, col. 3	114	acres 1939
R. S. 46, M-16, col. 4	115	value, dollars 1939
R. S. 46, M-17, col. 1	116	Parsnips ..... farms reporting 1939
R. S. 46, M-17, col. 2	117	acres 1939
R. S. 46, M-17, col. 4	118	value, dollars 1939
R. S. 46, M-63, col. 1	119	Peas (green) ..... farms reporting 1939
R. S. 46, M-63, col. 3	120	acres 1939
R. S. 46, M-63, col. 4	121	value, dollars 1939
R. S. 46, M-18, col. 1	122	Peppers, hot ..... farms reporting 1939
R. S. 46, M-18, col. 3	123	acres 1939
R. S. 46, M-18, col. 4	124	value, dollars 1939
R. S. 46, M-64, col. 1	125	Peppers, sweet, and pimientos ..... farms reporting 1939
R. S. 46, M-64, col. 2	126	acres 1939
R. S. 46, M-64, col. 4	127	value, dollars 1939
R. S. 46, M-19, col. 1	128	Pumpkins ..... farms reporting 1939
R. S. 46, M-19, col. 3	129	acres 1939
R. S. 46, M-19, col. 4	130	value, dollars 1939
R. S. 46, M-20, col. 1	131	Radishes ..... farms reporting 1939
R. S. 46, M-20, col. 3	132	acres 1939
R. S. 46, M-20, col. 4	133	value, dollars 1939
R. S. 46, M-21, col. 1	134	Rhubarb ..... farms reporting 1939
R. S. 46, M-21, col. 2	135	acres 1939
R. S. 46, M-21, col. 4	136	value, dollars 1939
R. S. 46, M-22, col. 1	137	Rutabagas ..... farms reporting 1939
R. S. 46, M-22, col. 3	138	acres 1939
R. S. 46, M-22, col. 4	139	value, dollars 1939
R. S. 46, M-23, col. 1	140	Rutabagas ..... farms reporting 1939
R. S. 46, M-23, col. 2	141	acres 1939
R. S. 46, M-23, col. 4	142	value, dollars 1939
R. S. 46, M-24, col. 1	143	Salsify ..... farms reporting 1939
R. S. 46, M-24, col. 3	144	acres 1939
R. S. 46, M-24, col. 4	145	value, dollars 1939
R. S. 46, M-65, col. 1	146	Spinach ..... farms reporting 1939
R. S. 46, M-65, col. 3	147	acres 1939
R. S. 46, M-65, col. 4	148	value, dollars 1939

Form 18-990 D
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

D

AGRICULTURE: 1940

Sta

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COUNTY TA

Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)
		Vegetables harvested for sale (excluding Irish and sweet potatoes)—Continued
R. S. 46, M-25, col. 1	149	Squash ..... farms reporting 1939
R. S. 46, M-25, col. 2	150	acres 1939
R. S. 46, M-25, col. 4	151	value, dollars 1939
R. S. 46, M-66, col. 1	152	Tomatoes ..... farms reporting 1939
R. S. 13, E-64, col. 1A	153	1934
R. S. 46, M-66, col. 2	154	acres 1939
R. S. 13, E-64, col. 2	155	1934
R. S. 46, M-66, col. 4	156	value, dollars 1939
R. S. 46, M-26, col. 1	157	Turnips ..... farms reporting 1939
R. S. 46, M-26, col. 2	158	acres 1939
R. S. 46, M-26, col. 4	159	value, dollars 1939
R. S. 46, M-67, col. 1	160	Watermelons ..... farms reporting 1939
R. S. 13, E-65, col. 1A	161	1934
R. S. 46, M-67, col. 2	162	acres 1939
R. S. 13, E-65, col. 2	163	1934
R. S. 46, M-67, col. 4	164	value, dollars 1939
R. S. 46, M-27, col. 1	165	Mixed vegetables ..... farms reporting 1939
R. S. 46, M-27, col. 2	166	acres 1939
R. S. 46, M-27, col. 4	167	value, dollars 1939
R. S. 46, M-28, col. 1	168	All other vegetables (except Irish and sweet potatoes) ..... farms reporting 1939
R. S. 46, M-28, col. 2	169	acres 1939
R. S. 46, M-28, col. 4	170	value, dollars 1939
		farms reporting 1939
		acres 1939
		value, dollars 1939
		farms reporting 1939
		acres 1939
		value, dollars 1939
R. S. 46, M-64, col. 1	171	Value of vegetables, excluding Irish and sweet potatoes, grown for home use. (See text) ..... farms reporting 1939
R. S. 13, E-63, col. 1A	172	1934
R. S. 46, M-44, col. 4	173	dollars 1939
R. S. 13, E-63, col. 2	174	1934
R. S. 53, col. 13	175	Horticultural specialties, 1939: Any horticultural specialties ..... farms reporting
R. S. 46, M-69, col. 1	176	Crops grown under glass (flowers, plants, and vegetables) and propagated mushrooms ..... farms reporting
R. S. 46, M-69, col. 2	177	Area in 1939 ..... square feet
R. S. 46, M-69, col. 4	178	Sales in 1939 ..... dollars
R. S. 46, M-70, col. 1	179	Nursery products (trees, shrubs, vines, ornamentals, etc.) ..... farms reporting
R. S. 46, M-70, col. 2	180	Area in 1939 ..... acres
R. S. 46, M-70, col. 4	181	Sales in 1939 ..... dollars
R. S. 46, M-71, col. 1	182	Flower and vegetable seeds, bulbs, and flowers and plants grown in the open ..... farms reporting
R. S. 46, M-71, col. 2	183	Area in 1939 ..... acres
R. S. 46, M-71, col. 4	184	Sales in 1939 ..... dollars
		NOT FOR PRINTING
R. S. 13, E-66, col. 2	184a	All other vegetables ..... acres 1934
R. S. 53, col. 14	184b	Horticultural specialties, total sales in 1939 ..... dollars

Form 16-690 A
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE: 1940

A State ..... **COUNTY TABLE XIV (5 sections), Section A**

Entered.....
Added, across....
Added, up.....

..... Sheets. Sheet No..... Stub—Left. Right.

COUNTY TABLE XIV.—SMALL FRUITS HARVESTED, 1939; LAND IN TREE FRUITS, NUTS, AND GRAPES, 1940, 1935, AND 1930; ORCHARD, CITRUS, AND NUT TREES AND GRAPEVINES, 1940, WITH PRODUCTION, 1939; AND MAPLE SIRUP AND SUGAR MADE, 1939

Result Slip or other source of figure		ITEM (For definitions: "Farms reporting," etc., see text)
		Small fruits harvested, 1939:
R. S. 46, M-..., col. 20	1	Any small fruits.....farms reporting
R. S. 46, M-72, col. 1	2	Blackberries and dewberries (tame)..farms reporting
R. S. 46, M-72, col. 3	3	acres
R. S. 46, M-72, col. 4	4	pounds quarts
R. S. 46, M-73, col. 1	5	Blueberries.....farms reporting
R. S. 46, M-73, col. 25	6	acres
R. S. 46, M-73, col. 26	7	pounds quarts
R. S. 46, M-73, col. 24	8	Blueberries (tame).....farms reporting
R. S. 46, M-73, col. 3	9	acres
R. S. 46, M-73, col. 4	10	quarts
R. S. 46, M-73, col. 17	11	Blueberries (wild—see text).....farms reporting
R. S. 46, M-73, col. 18	12	acres
R. S. 46, M-73, col. 19	13	quarts
R. S. 46, M-75, col. 1	14	Boysenberries.....farms reporting
R. S. 46, M-75, col. 3	15	acres
R. S. 46, M-75, col. 4	16	pounds quarts
R. S. 46, M-76, col. 1	17	Cranberries.....farms reporting
R. S. 46, M-76, col. 3	18	acres
R. S. 46, M-76, col. 4	19	pounds quarts
R. S. 46, M-90, col. 1	20	Currants.....farms reporting
R. S. 46, M-90, col. 3	21	acres
R. S. 46, M-90, col. 4	22	pounds quarts
R. S. 46, M-91, col. 1	23	Gooseberries.....farms reporting
R. S. 46, M-91, col. 3	24	acres
R. S. 46, M-91, col. 4	25	pounds quarts
R. S. 46, M-77, col. 1	26	Loganberries.....farms reporting
R. S. 46, M-77, col. 3	27	acres
R. S. 46, M-77, col. 4	28	pounds quarts
R. S. 46, M-78, col. 1	29	Raspberries (tame).....farms reporting
R. S. 46, M-78, col. 25	30	acres
R. S. 46, M-78, col. 26	31	pounds quarts
R. S. 46, M-78, col. 24	32	Raspberries, black (tame).....farms reporting
R. S. 46, M-78, col. 3	33	acres
R. S. 46, M-78, col. 4	34	pounds quarts
R. S. 46, M-78, col. 17	35	Raspberries, red (tame).....farms reporting
R. S. 46, M-78, col. 18	36	acres
R. S. 46, M-78, col. 19	37	pounds quarts
R. S. 46, M-81, col. 1	38	Strawberries.....farms reporting
R. S. 46, M-81, col. 3	39	acres
R. S. 46, M-81, col. 4	40	pounds quarts
R. S. 46, M-82, col. 1	41	Youngberries.....farms reporting
R. S. 46, M-82, col. 3	42	acres
R. S. 46, M-82, col. 4	43	pounds quarts
		Tree fruits, nuts, and grapes:
R. S. 47 (N or O), col. 1	44	Land in bearing and nonbearing fruit orchards, vineyards, and planted nut trees (nurseries excl.).....farms reporting...Apr. 1, 1940
R. S. 13, E-70, col. 1-A	45	Jan. 1, 1935
R. S. 81, P-92, col. 1-B	46	Apr. 1, 1930
R. S. 47 (N or O), col. 23	47	acres.....Apr. 1, 1940
R. S. 13, E-70, col. 2	48	Jan. 1, 1925
R. S. 81, P-92, col. 2	49	Apr. 1, 1920
R. S. 48 N-..., col. 14, R. S. 49, O-..., col. 14	50	Orchard fruits (other than citrus) and grapes, trees, or vines, Apr. 1, 1940, and/or production, 1939.....farms reporting
R. S. 48, N-85, col. 2, R. S. 49, O-85, col. 2	51	Apples.....farms reporting
R. S. 49, N-85, col. 4, R. S. 49, O-85, col. 4	52	trees not of bearing age
R. S. 48, N-85, col. 5, R. S. 49, O-85, col. 5	53	trees of bearing age
R. S. 48, N-85, col. 13, R. S. 49, O-85, col. 13	54	quantity harvested...farms reporting
R. S. 48, N-85, col. 6, R. S. 49, O-85, col. 6	55	tons bushels

Section B

Result slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)
		Orchard fruits, etc.—Continued
R. S. 48, N-86, col. 1—R. S. 49, O-86, col. 1	56	Cherries.....farms reporting
R. S. 48, N-86, col. 4—R. S. 49, O-86, col. 4	57	trees not of bearing age
R. S. 48, N-86, col. 5—R. S. 49, O-86, col. 5	58	trees of bearing age
R. S. 48, N-86, col. 13—R. S. 49, O-86, col. 13	59	quantity harvested...farms reporting
R. S. 48, N-86, col. 6—R. S. 49, O-86, col. 6	60	tons pounds
R. S. 48, N-86, col. 2	61	Cherries, sour.....farms reporting
R. S. 48, N-86, col. 4	62	trees not of bearing age
R. S. 48, N-86, col. 5	63	trees of bearing age
R. S. 48, N-86, col. 6	64	quantity harvested.....pounds
R. S. 48, N-86, col. 7	65	Cherries, sweet.....farms reporting
R. S. 48, N-86, col. 8	66	trees not of bearing age
R. S. 48, N-86, col. 9	67	trees of bearing age
R. S. 48, N-86, col. 10	68	quantity harvested.....pounds
R. S. 48, N-89, col. 3—R. S. 49, O-89, col. 1	69	Peaches.....farms reporting
R. S. 48, N-89, col. 4—R. S. 49, O-89, col. 4	70	trees not of bearing age
R. S. 48, N-89, col. 5—R. S. 49, O-89, col. 5	71	trees of bearing age
R. S. 48, N-89, col. 13—R. S. 49, O-89, col. 13	72	quantity harvested...farms reporting
R. S. 48, N-89, col. 6—R. S. 49, O-89, col. 6	73	tons bushels
R. S. 49, O-89, col. 2	74	Peaches, clingstone.....farms reporting
R. S. 49, O-89, col. 4	75	trees not of bearing age
R. S. 49, O-89, col. 5	76	trees of bearing age
R. S. 49, O-89, col. 6	77	quantity harvested.....tons
R. S. 49, O-89, col. 7	78	Peaches, freestone.....farms reporting
R. S. 49, O-89, col. 8	79	trees not of bearing age
R. S. 49, O-89, col. 9	80	trees of bearing age
R. S. 49, O-89, col. 10	81	quantity harvested.....tons
R. S. 48, N-92, col. 1—R. S. 49, O-92, col. 1	82	Pears.....farms reporting
R. S. 48, N-92, col. 4—R. S. 49, O-92, col. 4	83	trees not of bearing age
R. S. 48, N-92, col. 5—R. S. 49, O-92, col. 5	84	trees of bearing age
R. S. 48, N-92, col. 13—R. S. 49, O-92, col. 13	85	quantity harvested...farms reporting
R. S. 48, N-92, col. 6—R. S. 49, O-92, col. 6	86	tons bushels
R. S. 48, N-92, col. 3—R. S. 49, O-92, col. 3	87	Pears, Bartlett.....farms reporting
R. S. 48, N-92, col. 4—R. S. 49, O-92, col. 4	88	trees not of bearing age
R. S. 48, N-92, col. 5—R. S. 49, O-92, col. 5	89	trees of bearing age
R. S. 48, N-92, col. 6—R. S. 49, O-92, col. 6	90	quantity harvested...tons bushels
R. S. 48, N-92, col. 7—R. S. 49, O-92, col. 7	91	Pears, other than Bartlett.....farms reporting
R. S. 48, N-92, col. 8—R. S. 49, O-92, col. 8	92	trees not of bearing age
R. S. 48, N-92, col. 9—R. S. 49, O-92, col. 9	93	trees of bearing age
R. S. 48, N-92, col. 10—R. S. 49, O-92, col. 10	94	quantity harvested...tons bushels
R. S. 48, N-95, col. 1—R. S. 49, O-95, col. 1	95	Plums and prunes.....farms reporting
R. S. 48, N-95, col. 4—R. S. 49, O-95, col. 4	96	trees not of bearing age
R. S. 48, N-95, col. 5—R. S. 49, O-95, col. 5	97	trees of bearing age
R. S. 48, N-95, col. 13—R. S. 49, O-95, col. 13	98	quantity harvested...farms reporting
R. S. 48, N-95, col. 6—R. S. 49, O-95, col. 6	99	pounds bushels
R. S. 49, O-95, col. 2	100	Plums.....farms reporting
R. S. 49, O-95, col. 4	101	trees not of bearing age
R. S. 49, O-95, col. 5	102	trees of bearing age
R. S. 49, O-95, col. 6	103	quantity harvested...tons (fresh wt.)
R. S. 49, O-95, col. 7	104	Prunes.....farms reporting
R. S. 49, O-95, col. 8	105	trees not of bearing age
R. S. 49, O-95, col. 9	106	trees of bearing age
R. S. 49, O-95, col. 10	107	quantity harvested...tons (dry wt.)

Section C

Result Slip or other source of figures		ITEM (For definitions: "Farms reporting," etc., see text)
		Orchard fruits, etc.—Continued
R. S. 48, N-98, col. 1—R. S. 49, O-98, col. 1	108	Grapes.....farms reporting
R. S. 48, N-98, col. 4—R. S. 49, O-98, col. 4	109	vines not of bearing age
R. S. 48, N-98, col. 5—R. S. 49, O-98, col. 5	110	vines of bearing age
R. S. 48, N-98, col. 13—R. S. 49, O-98, col. 13	111	quantity harvested...farms reporting
R. S. 48, N-98, col. 6—R. S. 49, O-98, col. 6	112	tons pounds
R. S. 49, O-98, col. 3	113	Table varieties (Malaga, Tokay, etc.).....farms reporting
R. S. 49, O-98, col. 4	114	vines not of bearing age
R. S. 49, O-98, col. 5	115	vines of bearing age
R. S. 49, O-98, col. 6	116	quantity harvested.....tons
R. S. 49, O-98, col. 7	117	Raisin varieties (Muscat, Thompson, Sultana, currants, etc.).....farms reporting
R. S. 49, O-98, col. 8	118	vines not of bearing age
R. S. 49, O-98, col. 9	119	vines of bearing age
R. S. 49, O-98, col. 10	120	quantity harvested.....tons
R. S. 50, O-98, col. 3	121	Wine or juice varieties (Zinfandel, Alicante, Carignane, etc.).....farms reporting
R. S. 50, O-98, col. 4	122	vines not of bearing age
R. S. 50, O-98, col. 5	123	vines of bearing age
R. S. 50, O-98, col. 6	124	quantity harvested.....tons
R. S. 48, N-99, col. 3—R. S. 49, O-99, col. 3	125	Figs, all varieties.....farms reporting
R. S. 48, N-99, col. 4—R. S. 49, O-99, col. 4	126	trees not of bearing age
R. S. 48, N-99, col. 5—R. S. 49, O-99, col. 5	127	trees of bearing age
R. S. 48, N-99, col. 13—R. S. 49, O-99, col. 13	128	quantity harvested...farms reporting
R. S. 48, N-99, col. 6—R. S. 49, O-99, col. 6	129	tons (dry wt.) pounds
R. S. 48, N-00, col. 3—R. S. 49, O-00, col. 3	130	Apricots.....farms reporting
R. S. 48, N-00, col. 4—R. S. 49, O-00, col. 4	131	trees not of bearing age
R. S. 48, N-00, col. 5—R. S. 49, O-00, col. 5	132	trees of bearing age
R. S. 48, N-00, col. 13—R. S. 49, O-00, col. 13	133	quantity harvested...farms reporting
R. S. 48, N-00, col. 6—R. S. 49, O-00, col. 6	134	pounds tons bushels
R. S. 48, N-76, col. 3—R. S. 49, O-76, col. 3	135	Quinces.....farms reporting
R. S. 48, N-76, col. 4—R. S. 49, O-76, col. 4	136	trees not of bearing age
R. S. 48, N-76, col. 5—R. S. 49, O-76, col. 5	137	trees of bearing age
R. S. 48, N-76, col. 13—R. S. 49, O-76, col. 13	138	quantity harvested...farms reporting
R. S. 48, N-76, col. 6—R. S. 49, O-76, col. 6	139	pounds bushels
R. S. 49, O-01, col. 3	140	Olives.....farms reporting
R. S. 49, O-01, col. 4	141	trees not of bearing age
R. S. 49, O-01, col. 5	142	trees of bearing age
R. S. 49, O-01, col. 13	143	quantity harvested...farms reporting
R. S. 49, O-01, col. 6	144	pounds tons
R. S. 48, N-02, col. 3—R. S. 49, O-02, col. 3	145	Nectarines.....farms reporting
R. S. 48, N-02, col. 4—R. S. 49, O-02, col. 4	146	trees not of bearing age
R. S. 48, N-02, col. 5—R. S. 49, O-02, col. 5	147	trees of bearing age
R. S. 48, N-02, col. 13—R. S. 49, O-02, col. 13	148	quantity harvested...farms reporting
R. S. 48, N-02, col. 6—R. S. 49, O-02, col. 6	149	bushels tons
R. S. 48, N-03, col. 3—R. S. 49, O-03, col. 3	150	Persimmons, Japanese.....farms reporting
R. S. 48, N-03, col. 4—R. S. 49, O-03, col. 4	151	trees not of bearing age
R. S. 48, N-03, col. 5—R. S. 49, O-03, col. 5	152	trees of bearing age
R. S. 48, N-03, col. 13—R. S. 49, O-03, col. 13	153	quantity harvested...farms reporting
R. S. 48, N-03, col. 6—R. S. 49, O-03, col. 6	154	pounds
R. S. 49, O-04, col. 3	155	Avocados.....farms reporting
R. S. 49, O-04, col. 4	156	trees not of bearing age
R. S. 49, O-04, col. 5	157	trees of bearing age
R. S. 49, O-04, col. 13	158	quantity harvested...farms reporting
R. S. 49, O-04, col. 6	159	pounds
R. S. 49, O-05, col. 3	160	Dates.....farms reporting
R. S. 49, O-05, col. 4	161	trees not of bearing age
R. S. 49, O-05, col. 5	162	trees of bearing age
R. S. 49, O-05, col. 13	163	quantity harvested...farms reporting
R. S. 49, O-05, col. 6	164	pounds

Form 16-600 D
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE: 1940

D State _____ **COUNTY TABLE XIV (5 sections), Section D**

_____ Sheets. Sheet No. _____ Stub—Left. Right.

COUNTY TABLE XIV.—SMALL FRUITS HARVESTED, 1939; LAND IN TREE FRUITS, NUTS, AND GRAPES, 1940, 1935, AND 1930; ORCHARD, CITRUS, AND NUT TREES AND GRAPEVINES, 1940; WITH PRODUCTION, 1939; AND MAPLE SIRUP AND SUGAR MADE, 1939—Continued

Result Slip or other source of figure		ITEM (For definitions: "Farms reporting," etc., see text)
		Orchard fruits, etc.—Continued
R. S. 49, O-06, col. 3	165	Guavas ..... farms reporting
R. S. 49, O-06, col. 4	166	trees not of bearing age
R. S. 49, O-06, col. 5	167	trees of bearing age
R. S. 49, O-06, col. 12	168	quantity harvested ..... farms reporting
R. S. 49, O-06, col. 6	169	pounds
R. S. 49, O-07, col. 3	170	Papayas ..... farms reporting
R. S. 49, O-07, col. 4	171	trees not of bearing age
R. S. 49, O-07, col. 5	172	trees of bearing age
R. S. 49, O-07, col. 12	173	quantity harvested ..... farms reporting
R. S. 49, O-07, col. 6	174	pounds
		..... farms reporting
		trees not of bearing age
		trees of bearing age
		quantity harvested ..... farms reporting
		(unit)
		..... farms reporting
		trees not of bearing age
		trees of bearing age
		quantity harvested ..... farms reporting
		(unit)
R. S. 49, N-, col. 14—R. S. 49, O-, col. 14	175	Nut trees, 1940, and production, 1939 ..... farms reporting
R. S. 49, N-09, col. 3—R. S. 49, O-09, col. 3	176	Walnuts, English or Persian ..... farms reporting
R. S. 49, N-09, col. 4—R. S. 49, O-09, col. 4	177	trees not of bearing age
R. S. 49, N-09, col. 5—R. S. 49, O-09, col. 5	178	trees of bearing age
R. S. 49, N-09, col. 13—R. S. 49, O-09, col. 13	179	quantity harvested ..... farms reporting
R. S. 49, N-09, col. 6—R. S. 49, O-09, col. 6	180	tons pounds
R. S. 49, N-10, col. 1—R. S. 49, O-10, col. 1	181	Pecans ..... farms reporting
R. S. 49, N-10, col. 4—R. S. 49, O-10, col. 4	182	trees not of bearing age
R. S. 49, N-10, col. 5—R. S. 49, O-10, col. 5	183	trees of bearing age
R. S. 49, N-10, col. 13—R. S. 49, O-10, col. 13	184	quantity harvested ..... farms reporting
R. S. 49, N-10, col. 6—R. S. 49, O-10, col. 6	185	pounds
R. S. 49, N-10, col. 2—R. S. 49, O-10, col. 2	186	Pecans, improved (budded, grafted, or top-worked) ..... farms reporting
R. S. 49, N-10, col. 4—R. S. 49, O-10, col. 4	187	trees not of bearing age
R. S. 49, N-10, col. 5—R. S. 49, O-10, col. 5	188	trees of bearing age
R. S. 49, N-10, col. 6—R. S. 49, O-10, col. 6	189	quantity harvested ..... pounds
R. S. 49, N-10, col. 7—R. S. 49, O-10, col. 7	190	Pecans, wild or seedling (one tree) ..... farms reporting
R. S. 49, N-10, col. 8—R. S. 49, O-10, col. 8	191	trees not of bearing age
R. S. 49, N-10, col. 9—R. S. 49, O-10, col. 9	192	trees of bearing age
R. S. 49, N-10, col. 10—R. S. 49, O-10, col. 10	193	quantity harvested ..... pounds
R. S. 49, N-12, col. 3—R. S. 49, O-12, col. 3	194	Almonds ..... farms reporting
R. S. 49, N-12, col. 4—R. S. 49, O-12, col. 4	195	trees not of bearing age
R. S. 49, N-12, col. 5—R. S. 49, O-12, col. 5	196	trees of bearing age
R. S. 49, N-12, col. 13—R. S. 49, O-12, col. 13	197	quantity harvested ..... farms reporting
R. S. 49, N-12, col. 6—R. S. 49, O-12, col. 6	198	pounds tons
R. S. 49, N-13, col. 3—R. S. 49, O-13, col. 3	199	Filberts and beechnuts ..... farms reporting
R. S. 49, N-13, col. 4—R. S. 49, O-13, col. 4	200	trees not of bearing age
R. S. 49, N-13, col. 5—R. S. 49, O-13, col. 5	201	trees of bearing age
R. S. 49, N-13, col. 12—R. S. 49, O-13, col. 12	202	quantity harvested ..... farms reporting
R. S. 49, N-13, col. 6—R. S. 49, O-13, col. 6	203	pounds
R. S. 49, N-14, col. 3—R. S. 49, O-14, col. 3	204	Tung nuts ..... farms reporting
R. S. 49, N-14, col. 4—R. S. 49, O-14, col. 4	205	trees not of bearing age
R. S. 49, N-14, col. 5—R. S. 49, O-14, col. 5	206	trees of bearing age
R. S. 49, N-14, col. 12—R. S. 49, O-14, col. 12	207	quantity harvested ..... farms reporting
R. S. 49, N-14, col. 6—R. S. 49, O-14, col. 6	208	pounds of nuts
		..... farms reporting
		trees not of bearing age
		trees of bearing age
		quantity harvested ..... farms reporting
		(unit)
R. S. 49, N-30, col. 3	209	Maple sirup and/or sugar made, 1939 ..... farms reporting
R. S. 49, N-30, col. 4	210	trees tapped
R. S. 49, N-30, col. 5	211	sirup ..... gallons
R. S. 49, N-30, col. 6	212	sugar ..... pounds

Section E

Result Slip or other source of figure		ITEM (For definition: "Farms reporting," etc., see text)
R. S. 49, N-, col. 14—R. S. 49, O-, col. 14	213	Citrus fruit trees, 1940, and production, season 1939-40 (from bloom of 1939) ..... farms reporting
R. S. 49, N-15, col. 1—R. S. 49, O-15, col. 1	214	Oranges (valencias, tangerines, mandarins, etc.) ..... farms reporting
R. S. 49, N-15, col. 4—Add	215	trees not of bearing age
R. S. 49, N-15, col. 5—Add	216	trees of bearing age
R. S. 49, N-15, col. 12—R. S. 49, O-15, col. 12	217	quantity harvested ..... farms reporting
R. S. 49, N-15, col. 6—Add	218	field boxes tons bushels
R. S. 49, O-15, col. 3	219	Satsumas ..... farms reporting
R. S. 49, O-15, col. 4	220	trees not of bearing age
R. S. 49, O-15, col. 5	221	trees of bearing age
R. S. 49, O-15, col. 6	222	quantity harvested ..... field boxes bushels
R. S. 49, O-15, col. 7	223	Tangerines and mandarins ..... farms reporting
R. S. 49, O-15, col. 8	224	trees not of bearing age
R. S. 49, O-15, col. 9	225	trees of bearing age
R. S. 49, O-15, col. 10	226	quantity harvested ..... field boxes tons
R. S. 50, O-16, col. 2	227	Other early and mid-season oranges ..... farms reporting
R. S. 50, O-16, col. 4	228	trees not of bearing age
R. S. 50, O-16, col. 5	229	trees of bearing age
R. S. 50, O-16, col. 6	230	quantity harvested ..... field boxes tons
R. S. 49, O-16, col. 3—R. S. 50, O-16, col. 7	231	Valencia and other late oranges ..... farms reporting
R. S. 49, O-16, col. 4—R. S. 50, O-16, col. 8	232	trees not of bearing age
R. S. 49, O-16, col. 5—R. S. 50, O-16, col. 9	233	trees of bearing age
R. S. 49, O-16, col. 6—R. S. 50, O-16, col. 10	234	quantity harvested ..... field boxes tons
R. S. 49, O-16, col. 7	235	Navel oranges ..... farms reporting
R. S. 49, O-16, col. 8	236	trees not of bearing age
R. S. 49, O-16, col. 9	237	trees of bearing age
R. S. 49, O-16, col. 10	238	quantity harvested ..... tons
R. S. 50, O-16, col. 3	239	All other oranges (including satsumas, tangerines, mandarins, etc.) ..... farms reporting
R. S. 50, O-16, col. 4	240	trees not of bearing age
R. S. 50, O-16, col. 5	241	trees of bearing age
R. S. 50, O-16, col. 6	242	quantity harvested ..... tons
R. S. 48, N-23, col. 3—R. S. 49, O-23, col. 3	243	Grapefruit (all varieties) ..... farms reporting
R. S. 49, N-23, col. 4—R. S. 49, O-23, col. 4	244	trees not of bearing age
R. S. 49, N-23, col. 5—R. S. 49, O-23, col. 5	245	trees of bearing age
R. S. 49, N-23, col. 13—R. S. 49, O-23, col. 13	246	quantity harvested ..... farms reporting
R. S. 49, N-23, col. 6—R. S. 49, O-23, col. 6	247	field boxes tons bushels
R. S. 49, O-23, col. 3	248	Seedless ..... farms reporting
R. S. 49, O-23, col. 4	249	trees not of bearing age
R. S. 49, O-23, col. 5	250	trees of bearing age
R. S. 49, O-23, col. 6	251	quantity harvested ..... field boxes tons
R. S. 49, O-23, col. 7	252	All other ..... farms reporting
R. S. 49, O-23, col. 8	253	trees not of bearing age
R. S. 49, O-23, col. 9	254	trees of bearing age
R. S. 49, O-23, col. 10	255	quantity harvested ..... field boxes tons
R. S. 49, N-26, col. 3—R. S. 49, O-26, col. 3	256	Lemons ..... farms reporting
R. S. 49, N-26, col. 4—R. S. 49, O-26, col. 4	257	trees not of bearing age
R. S. 49, N-26, col. 5—R. S. 49, O-26, col. 5	258	trees of bearing age
R. S. 49, N-26, col. 13—R. S. 49, O-26, col. 13	259	quantity harvested ..... farms reporting
R. S. 49, N-26, col. 6—R. S. 49, O-26, col. 6	260	field boxes tons bushels
R. S. 49, N-27, col. 3—R. S. 49, O-27, col. 3	261	Limes ..... farms reporting
R. S. 49, N-27, col. 4—R. S. 49, O-27, col. 4	262	trees not of bearing age
R. S. 49, N-27, col. 5—R. S. 49, O-27, col. 5	263	trees of bearing age
R. S. 49, N-27, col. 13—R. S. 49, O-27, col. 13	264	quantity harvested ..... farms reporting
R. S. 49, N-27, col. 6—R. S. 49, O-27, col. 14	265	pounds
		..... farms reporting
		trees not of bearing age
		trees of bearing age
		quantity harvested ..... farms reporting
		(unit)

Form 16-691 A
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE: 1940

A State ..... County Table XV IRRIGATED AND NONIRRIGATED CROPS

..... Sheets. Sheet No. ..... Stub—Left. Right. (3 sections), Section A

SUPPLEMENTAL COUNTY TABLE FOR CROPS FROM IRRIGATED AND NONIRRIGATED ACREAGE—FARMS REPORTING, ACREAGE, AND COMPARATIVE YIELDS FOR SPECIFIED CROPS HARVESTED, 1939

[Yields for irrigated crops based on farms reporting entire crop irrigated; yields for nonirrigated crops based on farms reporting no irrigation for each crop]

Source of Data																				
S. S. No.	Item	Farms reporting	Acres	Average Yield		ITEM (For definitions: "Farms reporting," etc., see text)	Farms reporting	Acres	Production		Farms reporting	Acres	Production		Farms reporting	Acres	Production	
									Unit	Average yield			Unit	Average yield			Unit	Average yield
37	H-1	Col. 1, l. 29	Col. 14, l. 29	XX	1	Corn: Corn for all purposes—irrigated				X X X X X				X X X X X				X X X
37	H-1	Col. 1, l. 30	Col. 14, l. 30	XX	2	nonirrigated				X X X X X				X X X X X				X X X
37	H-1	Col. 13, l. 29	Col. 16, l. 29	Col. 28, l. 34	3	Harvested for grain—irrigated			bu.				bu.				bu.	
37	H-1	Col. 13, l. 30	Col. 16, l. 30	Col. 28, l. 35	4	nonirrigated			bu.				bu.				bu.	
37	H-1	Col. 18, l. 29	Col. 19, l. 29	Col. 29, l. 34	5	Cut for silage—irrigated			tons				tons				tons	
37	H-1	Col. 18, l. 30	Col. 19, l. 30	Col. 29, l. 35	6	nonirrigated			tons				tons				tons	
37	H-1	Col. 21, l. 29	Col. 22, l. 29	XX	7	Hogged or grazed off, or cut for fodder—irrigated				X X X X X				X X X X X				X X X
37	H-1	Col. 21, l. 30	Col. 22, l. 30	XX	8	nonirrigated				X X X X X				X X X X X				X X X
38	H-2	Col. 1 minus Col. 10, l. 29	l. 11+13+15	XX	9	Sorghums: Sorghums for all purposes, except sirup—irrigated				X X X X X				X X X X X				X X X
38	H-2	Col. 1 minus Col. 10, l. 30	l. 12+14+16	XX	10	nonirrigated				X X X X X				X X X X X				X X X
38	H-2	Col. 3, l. 29	Col. 7, l. 29	Col. 24, l. 34	11	Harvested for grain—irrigated			bu.				bu.				bu.	
38	H-2	Col. 3, l. 30	Col. 7, l. 30	Col. 24, l. 35	12	nonirrigated			bu.				bu.				bu.	
38	H-2	Col. 11, l. 29	Col. 12, l. 29	Col. 25, l. 34	13	Cut for silage (green wt.)—irrigated			tons				tons				tons	
38	H-2	Col. 11, l. 30	Col. 12, l. 30	Col. 25, l. 35	14	nonirrigated			tons				tons				tons	
38	H-2	Col. 14, l. 29	Col. 15, l. 29	Col. 26, l. 34	15	Cut for hay or fodder (dry wt.)—irrigated			tons				tons				tons	
38	H-2	Col. 14, l. 30	Col. 15, l. 30	Col. 26, l. 35	16	nonirrigated			tons				tons				tons	
38	H-2	Col. 17, l. 29	Col. 18, l. 29	See instr.	17	Sweet sorghums harvested for sirup—irrigated			gal.				gal.				gal.	
38	H-2	Col. 17, l. 30	Col. 18, l. 30	See instr.	18	nonirrigated			gal.				gal.				gal.	
40	J-05	Col. 1, l. 33	Col. 25, l. 33	Col. 29, l. 35	19	Small grains: Mixed grains (other than a flax and wheat mixture) threshed—irrigated			bu.				bu.				bu.	
40	J-05	Col. 1, l. 34	Col. 25, l. 34	Col. 29, l. 35	20	nonirrigated			bu.				bu.				bu.	
38	H-3	Col. 3, l. 29	l. 23+25	XX	21	Oats threshed or cut and fed unthreshed—irrigated				X X X X X				X X X X X				X X X
38	H-3	Col. 3, l. 30	l. 24+26	XX	22	nonirrigated				X X X X X				X X X X X				X X X
38	H-3	Col. 3, l. 29	Col. 7, l. 29	Col. 26, l. 34	23	Oats threshed—irrigated			bu.				bu.				bu.	
38	H-3	Col. 3, l. 30	Col. 7, l. 30	Col. 26, l. 35	24	nonirrigated			bu.				bu.				bu.	
38	H-3	Col. 11, l. 29	Col. 12, l. 29	XX	25	Oats cut and fed unthreshed—irrigated				X X X X X				X X X X X				X X X
38	H-3	Col. 11, l. 30	Col. 12, l. 30	XX	26	nonirrigated				X X X X X				X X X X X				X X X
40	J-06	Col. 1, l. 33	Col. 25, l. 33	Col. 29, l. 35	27	Barley threshed—irrigated			bu.				bu.				bu.	
40	J-06	Col. 1, l. 34	Col. 25, l. 34	Col. 29, l. 35	28	nonirrigated			bu.				bu.				bu.	
40	J-09	Col. 1, l. 33	Col. 25, l. 33	Col. 29, l. 35	29	Rye threshed—irrigated			bu.				bu.				bu.	
40	J-09	Col. 1, l. 34	Col. 25, l. 34	Col. 29, l. 35	30	nonirrigated			bu.				bu.				bu.	
40	J-00	Col. 1, l. 33	Col. 25, l. 33	Col. 29, l. 35	31	Flax threshed—irrigated			bu.				bu.				bu.	
40	J-00	Col. 1, l. 34	Col. 25, l. 34	Col. 29, l. 35	32	nonirrigated			bu.				bu.				bu.	
38	H-4	Col. 1, l. 29	l. 33+37	XX	33	Any wheat threshed—irrigated				X X X X X				X X X X X				X X X
38	H-4	Col. 1, l. 30	l. 34+38	XX	34	nonirrigated				X X X X X				X X X X X				X X X
38	H-4	Col. 3, l. 29	Col. 7, l. 29	See instr.	35	Winter wheat threshed—irrigated			bu.				bu.				bu.	
38	H-4	Col. 3, l. 30	Col. 7, l. 30	See instr.	36	nonirrigated			bu.				bu.				bu.	
38	H-4	Col. 11, l. 29	Col. 12, l. 29	See instr.	37	Spring wheat threshed—irrigated			bu.				bu.				bu.	
38	H-4	Col. 11, l. 30	Col. 12, l. 30	See instr.	38	nonirrigated			bu.				bu.				bu.	
38	H-4	Col. 11, l. 29	Col. 12, l. 29	See instr.	39	Durum and macaroni wheat—irrigated			bu.				bu.				bu.	
38	H-4	Col. 11, l. 30	Col. 12, l. 30	See instr.	40	nonirrigated			bu.				bu.				bu.	
38	H-4	Col. 14, l. 29	Col. 15, l. 29	See instr.	41	Other spring wheat—irrigated			bu.				bu.				bu.	
38	H-4	Col. 14, l. 30	Col. 15, l. 30	See instr.	42	nonirrigated			bu.				bu.				bu.	
40	J-05	Col. 1, l. 33	Col. 25, l. 33	Col. 29, l. 35	43	Emmer and spelt threshed—irrigated			bu.				bu.				bu.	
40	J-05	Col. 1, l. 34	Col. 25, l. 34	Col. 29, l. 35	44	nonirrigated			bu.				bu.				bu.	
40	J-08	Col. 1, l. 33	Col. 25, l. 33	Col. 29, l. 35	45	Buckwheat threshed—irrigated			bu.				bu.				bu.	
40	J-00	Col. 1, l. 34	Col. 25, l. 34	Col. 29, l. 35	46	nonirrigated			bu.				bu.				bu.	
40	J-07	Col. 1, l. 33	Col. 25, l. 33	Col. 29, l. 35	47	Rice (rough or paddy) threshed—irrigated			bbl.[1]				bbl.[1]				bbl.[1]	
40	J-07	Col. 1, l. 34	Col. 25, l. 34	Col. 29, l. 35	48	nonirrigated			bags[2]				bags[2]				bags[2]	

NOT FOR PRINTING

[1] 162-lb. barrels.
[2] 100-lb. bags.

The unit of production for any specific item must be the same for both "irrigated" and "nonirrigated" in any one State. The unit that does not apply must be deleted and correct unit entered. Reference and footnote numbers must be supplied.

Form 16-691 B
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE: 1940

B State ..... County **Table XV IRRIGATED AND NONIRRIGATED CROPS**

..... Sheets. Sheet No. ..... Stub—Left. Right.

(3 sections), Section B

SUPPLEMENTAL COUNTY TABLE FOR CROPS FROM IRRIGATED AND NONIRRIGATED ACREAGE—FARMS REPORTING, ACREAGE, AND COMPARATIVE YIELDS FOR SPECIFIED CROPS HARVESTED, 1939—Continued
(Yields for irrigated crops based on farms reporting entire crop irrigated; yields for nonirrigated crops based on farms reporting no irrigation for such crops)

Source of Data						
R. S. No.	Item	Farms reporting	Acres	Average yield		ITEM (For definitions: "Farms reporting," etc., see text)
X	X	XX	Add 72-f-76-f-77 f-79-f-81-f-83-f-85-f-87. Add 74-f-78-f-79 f-80-f-82-f-84-f-86-f-88.	XX	49	Hay crops, exclusive of sorghums: All hay..... irrigated
X	X	XX		XX	50	nonirrigated
40	J-16	Col. 1, L. 33	Col. 25, L. 33	Col. 29, L. 35	51	Annual legumes cured for hay (see text)..irrigated
40	J-16	Col. 1, L. 34	Col. 25, L. 34	Col. 29, L. 35	52	nonirrigated
40	J-17	Col. 1, L. 33	Col. 25, L. 33	Col. 29, L. 35	53	Alfalfa hay..... irrigated
40	J-17	Col. 1, L. 34	Col. 25, L. 34	Col. 29, L. 35	54	nonirrigated
40	J-18	Col. 1, L. 33	Col. 25, L. 33	Col. 29, L. 35	55	Sweetclover hay..... irrigated
40	J-18	Col. 1, L. 34	Col. 25, L. 34	Col. 29, L. 35	56	nonirrigated
40	J-19	Col. 1, L. 33	Col. 25, L. 33	Col. 29, L. 35	57	Lespedeza hay..... irrigated
40	J-19	Col. 1, L. 34	Col. 25, L. 34	Col. 29, L. 35	58	nonirrigated
40	J-20	Col. 1, L. 33	Col. 25, L. 33	Col. 29, L. 35	59	Clover or timothy hay, alone or mixed...irrigated
40	J-20	Col. 1, L. 34	Col. 25, L. 34	Col. 29, L. 35	60	nonirrigated
40	J-21	Col. 1, L. 33	Col. 25, L. 33	Col. 29, L. 35	61	Small grain hay..... irrigated
40	J-21	Col. 1, L. 34	Col. 25, L. 34	Col. 29, L. 35	62	nonirrigated
40	J-22	Col. 1, L. 33	Col. 25, L. 33	Col. 29, L. 35	63	All other tame hay..... irrigated
40	J-22	Col. 1, L. 34	Col. 25, L. 34	Col. 29, L. 35	64	nonirrigated
40	J-23	Col. 1, L. 33	Col. 25, L. 33	Col. 29, L. 35	65	Wild hay..... irrigated
40	J-23	Col. 1, L. 34	Col. 25, L. 34	Col. 29, L. 35	66	nonirrigated
41	K-8	Col. 1, L. 28	Col. 7+9, L. 28	XX	67	Annual legumes (see text): Soybeans, total..... irrigated
41	K-8	Col. 1, L. 29	Col. 7+9, L. 29	XX	68	nonirrigated
41	K-9	Col. 10, L. 28	Col. 12+14, L. 28	Col. 28, L. 33	69	Harvested for beans only..... irrigated
41	K-9	Col. 10, L. 29	Col. 12+14, L. 29	Col. 28, L. 34	70	nonirrigated
41	K-0	Col. 1, L. 28	Col. 7+9, L. 28	XX	71	Cowpeas, total..... irrigated
41	K-0	Col. 1, L. 29	Col. 7+9, L. 29	XX	72	nonirrigated
41	K-0	Col. 10, L. 28	Col. 12+14, L. 28	Col. 28, L. 33	73	Harvested for peas..... irrigated
41	K-0	Col. 10, L. 29	Col. 12+14, L. 29	Col. 28, L. 34	74	nonirrigated
41	K-9	Col. 1, L. 28	Col. 7+9, L. 28	XX	75	Peanuts, total..... irrigated
41	K-9	Col. 1, L. 29	Col. 7+9, L. 29	XX	76	nonirrigated
41	K-9	Col. 10, L. 28	Col. 12+14, L. 28	Col. 28, L. 33	77	Harvested for nuts..... irrigated
41	K-9	Col. 10, L. 29	Col. 12+14, L. 29	Col. 28, L. 34	78	nonirrigated
42	K-1	Col. 1, L. 29	Col. 4+6, L. 29	XX	79	Velvetbeans, velvetbeans, mung and horse beans..... irrigated
42	K-1	Col. 1, L. 30	Col. 4+6, L. 30	XX	80	nonirrigated
42	K-2	Col. 1, L. 29	Col. 4+6, L. 29	Col. 26, L. 33	81	Navy, pea bean, Great Northern, Kidney, lima, pinto, and other dry field and seed beans, and lentils..... irrigated
42	K-2	Col. 1, L. 30	Col. 4+6, L. 30	Col. 26, L. 34	82	nonirrigated
43	K-3	Col. 6, L. 8	Col. 10+12, L. 8	Col. 30, L. 3	83	Lima beans (dry)..... irrigated
43	K-3	Col. 6, L. 7	Col. 10+12, L. 7	Col. 30, L. 2	84	nonirrigated
43	K-3	Col. 15, L. 8	Col. 19+21, L. 8	Col. 30, L. 3	85	Other dry field and seed beans..... irrigated
43	K-3	Col. 15, L. 7	Col. 19+21, L. 7	Col. 30, L. 2	86	nonirrigated
42	K-5	Col. 1, L. 29	Col. 4+6, L. 29	Col. 26, L. 33	87	Dry field and seed peas..... irrigated
42	K-5	Col. 1, L. 30	Col. 4+6, L. 30	Col. 26, L. 34	88	nonirrigated

NOT FOR PRINTING

[1] 162-lb. barrels.
[2] 100-lb. bags.

The unit of production for any specific item must be the same for both "irrigated" and "nonirrigated" in any one State. The unit that does not apply must be deleted and correct unit entered. Reference and footnote numbers must be supplied.

Form 16-691 C
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE: 1940

C

..... Sheets. Sheet No. ..... Stub—Left. Right.

SUPPLEMENTAL C

U. S. GOVERNMENT PRINTING OFFICE 2940848

Source of Data						
R. S. No.	Item	Farms reporting	Acres	Average yield		ITEM (For definitions: "Farms reporting," etc., see text)
40	J-24	Col. 1, L. 33	Col. 25, L. 33	Col. 29, L. 35	89	Clover and grass seeds: Alfalfa seed..... irrigated
40	J-24	Col. 1, L. 34	Col. 25, L. 34	Col. 29, L. 35	90	nonirrigated
40	J-25	Col. 1, L. 33	Col. 25, L. 33	Col. 29, L. 35	91	Sweetclover seed..... irrigated
40	J-25	Col. 1, L. 34	Col. 25, L. 34	Col. 29, L. 35	92	nonirrigated
40	J-26	Col. 1, L. 33	Col. 25, L. 33	Col. 29, L. 35	93	Lespedeza seed..... irrigated
40	J-26	Col. 1, L. 34	Col. 25, L. 34	Col. 29, L. 35	94	nonirrigated
40	J-27	Col. 1, L. 33	Col. 25, L. 33	Col. 29, L. 35	95	Clover seed..... irrigated
40	J-27	Col. 1, L. 34	Col. 25, L. 34	Col. 29, L. 35	96	nonirrigated
40	J-28	Col. 1, L. 33	Col. 25, L. 33	Col. 29, L. 35	97	Grass seed (see text)..... irrigated
40	J-28	Col. 1, L. 34	Col. 25, L. 34	Col. 29, L. 35	98	nonirrigated
45	L-29	Col. 1, L. 33	Col. 24, L. 33	Col. 28, L. 35	99	Miscellaneous crops: Irish potatoes..... irrigated
45	L-29	Col. 1, L. 34	Col. 24, L. 34	Col. 27, L. 35	100	nonirrigated
45	L-31	Col. 1, L. 33	Col. 24, L. 33	Col. 28, L. 35	101	Sweetpotatoes and yams..... irrigated
45	L-31	Col. 1, L. 34	Col. 24, L. 34	Col. 27, L. 35	102	nonirrigated
44	L-30	Col. 1, L. 29	Col. 3, L. 29	Col. 19, L. 34	103	Cotton..... irrigated
44	L-30	Col. 1, L. 30	Col. 3, L. 30	Col. 19, L. 35	104	nonirrigated
45	L-33	Col. 1, L. 33	Col. 24, L. 33	Col. 28, L. 35	105	Tobacco..... irrigated
45	L-33	Col. 1, L. 34	Col. 24, L. 34	Col. 27, L. 35	106	nonirrigated
45	L-33	See instr.	Line 109+111	XX	107	Sugarcane for sirup and or sugar..... irrigated
45	L-33	See instr.	Line 110+112	XX	108	nonirrigated
45	L-33	Col. 1, L. 33	Col. 24, L. 33	Col. 28, L. 35	109	Sugarcane for sirup..... irrigated
45	L-33	Col. 1, L. 34	Col. 24, L. 34	Col. 27, L. 35	110	nonirrigated
45	L-34	Col. 1, L. 33	Col. 24, L. 33	Col. 28, L. 35	111	Sugarcane for sugar or sale to mills..... irrigated
45	L-34	Col. 1, L. 34	Col. 24, L. 34	Col. 27, L. 35	112	nonirrigated
45	L-35	Col. 1, L. 33	Col. 24, L. 33	Col. 28, L. 35	113	Sugar beets for sugar..... irrigated
45	L-35	Col. 1, L. 34	Col. 24, L. 34	Col. 27, L. 35	114	nonirrigated
45	L-36	Col. 1, L. 33	Col. 24, L. 33	Col. 28, L. 35	115	Hops..... irrigated
45	L-36	Col. 1, L. 34	Col. 24, L. 34	Col. 27, L. 35	116	nonirrigated
45	L-37	Col. 1, L. 33	Col. 24, L. 33	Col. 28, L. 35	117	Broomcorn..... irrigated
45	L-37	Col. 1, L. 34	Col. 24, L. 34	Col. 27, L. 35	118	nonirrigated
45	L-38	Col. 1, L. 33	Col. 24, L. 33	Col. 28, L. 35	119	Popcorn..... irrigated
45	L-38	Col. 1, L. 34	Col. 24, L. 34	Col. 27, L. 35	120	nonirrigated
45	L-39	Col. 1, L. 33	Col. 24, L. 33	Col. 28, L. 35	121	Mint harvested for oil..... irrigated
45	L-39	Col. 1, L. 34	Col. 24, L. 34	Col. 27, L. 35	122	nonirrigated
45	L-40	Col. 1, L. 33	Col. 24, L. 33	Col. 28, L. 35	123	Silage crops (other than corn and sorghums)..irrigated
45	L-40	Col. 1, L. 34	Col. 24, L. 34	Col. 27, L. 35	124	nonirrigated
45	L-41	Col. 1, L. 33	Col. 24, L. 33	XX	125	Root and grain crops (other than corn and annual legumes) hogged or grazed off..... irrigated
45	L-41	Col. 1, L. 34	Col. 24, L. 34	XX	126	nonirrigated
47	"MAC"	Col. 1, L. 33	Col. 23, L. 33	XX	127	Land in bearing and nonbearing fruit orchards, vineyards, and planted nut trees (nurseries excluded)..... irrigated
47	"MAC"	Col. 1, L. 34	Col. 23, L. 34	XX	128	nonirrigated

[1] 162-lb. barrels.
[2] 100-lb. bags.
[3] Running square bales of lint cotton, counting round as half bales.
[4] Pounds of oil.

NOT FOR PRINTING

The unit of production for any specific item must be the same for both "irrigated" and "nonirrigated" in any one State. The unit that does not apply must be deleted and correct unit entered. Reference and footnote numbers must be supplied.

Form 16-692.A
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE: 1940 **A**

..... Sheets. Sheet No. ..... Stub—Left. Right.

State ..... County Table XVI(2 sections), Section A

COUNTY TABLE XV.—VALUE OF SPECIFIED LIVESTOCK ON FARMS, APR. 1, 1940 AND 1930; AND VALUE OF SPECIFIED LIVESTOCK PRODUCTS AND CROPS HARVESTED, 1930 AND 1929
(Values based on inventory or production multiplied by county unit price. See text)

Result Slip or other source of figures		ITEM (For definitions, source of data, etc., see text)	Dollars	Dollars
		VALUE OF LIVESTOCK ON FARMS		
1940 Value Sheet 1, col 1	1	**Domestic animals, poultry, and bees, total value** [1]	1940	
1930 V. S. 103, pt. 1, col. 16	2		1930	
V. S. 1, col 2	3	Domestic animals, total value	1940	
V. S. 103, pt. 1, col. 17	4		1930	
V. S. 1, col. 3	5	Horses and colts over 3 mo. old	1940	
V. S. 103, pt. 1, col. 8	6		1930	
V. S. 1, col. 4	7	Mules and mule colts over 3 mo. old	1940	
V. S. 103, pt. 1, col. 11	8		1930	
V. S. 1, col. 5	9	Cattle and calves over 3 mo. old	1940	
V. S. 103, pt. 2, col. 12	10		1930	
V. S. 1, col. 6	11	Hogs and pigs—over 4 mo. old	1940	
V. S. 103, pt. 3, col. 15	12	over 3 mo. old	1930	
V. S. 1, col. 7	13	Sheep and lambs over 6 mo. old	1940	
V. S. 103, pt. 3, col. 16	14		1930	
V. S. 1, col. 8	15	Goats and kids—over 4 mo. old	1940	
V. S. 103, pt. 3, col. 10	16	of all ages	1930	
V. S. 1, col. 9	17	Poultry, total value	1940	
V. S. 1, col. 10	18	Chickens—over 3 mo. old	1940	
V. S. 103, pt. 3, col. 17	19	over 3 mo. old	1930	
V. S. 1, col. 11	20	Turkeys over 4 mo. old	1940	
V. S. 1, col. 12	21	Ducks over 4 mo. old	1940	
V. S. 1, col. 13	22	Geese over 4 mo. old	1940	
V. S. 1, col. 14	23	Guineas over 4 mo. old	1940	
V. S. 1, col. 9	24	Bees	1940	
V. S. 103, pt. 3, col. 11	25		1930	
		VALUE OF LIVESTOCK PRODUCTS		
V. S. 3, pt. 1, col. 1	26	**Dairy products sold and butter churned:** Whole milk, cream, and butter sold, value	1939	
Comp. S. 34, pt. 4, col. 1	27		1929	
V. S. 3, pt. 1, col. 2	28	Whole milk sold	1939	
Comp. S. 34, pt. 4, col. 5	29		1929	
V. S. 3, pt. 1, col. 3	30	Cream sold (see text)	1939	
Comp. S. 34, pt. 4, col. 3+4	31		1929	
V. S. 3, pt. 1, col. 4	32	Butter sold	1939	
Comp. S. 34, pt. 4, col. 2	33		1929	
V. S. 3, pt. 1, col. 5	34	Butter churned (including any sold)	1939	
Comp. S. 34, pt. 4, col. 6	35		1929	
V. S. 3, pt. 1, col. 6	36	**Wool shorn**	1939	
Comp. S. 34, pt. 4, col. 7	37		1929	
V. S. 3, pt. 1, col. 7	38	**Mohair and kid hair clipped**	1939	
Comp. S. 34, pt. 4, col. 8	39		1929	
V. S. 3, pt. 1, col. 8	40	**Specified animals butchered on farms, total value**	1939	
V. S. 3, pt. 1, col. 9	41	Cattle and calves butchered	1939	
V. S. 3, pt. 1, col. 12	42	Hogs and pigs butchered	1939	
V. S. 3, pt. 1, col. 13	43	Sheep and lambs butchered	1939	
V. S. 3, pt. 1, col. 11	44	**Specified livestock purchased, total value**	1940	
V. S. 3, pt. 1, col. 15	45	*Cattle and calves bought*	1939	
V. S. 3, pt. 1, col. 18	46	*Hogs and pigs bought*	1939	
V. S. 3, pt. 1, col. 19	47	*Sheep and lambs bought*	1939	
V. S. 3, pt. 2, col. 1	48	**Specified livestock sold alive, total value**	1939	
V. S. 3, pt. 2, col. 2	49	Cattle and calves sold	1939	
V. S. 3, pt. 2, col. 5	50	Hogs and pigs sold	1939	
V. S. 3, pt. 2, col. 6	51	Sheep and lambs sold	1939	
		NOT FOR PRINTING		
V. S. 3, pt. 3, col. 7 (State)		Value of—Female silver fox, over 3 mo. old, kept in captivity	1940	
V. S. 3, pt. 3, col. 8 (State)		All pelts taken from silver fox kept in captivity	1939	
V. S. 3, pt. 3, col. 9 (State)		Female mink, over 3 mo. old, kept in captivity	1940	
V. S. 3, pt. 3, col. 10 (State)		All pelts taken from mink kept in captivity	1939	
V. S. 2, pt. 2 col. 9 (State)		Pigeons on hand	1940	
V. S. 2, pt. 2, col. 10 (State)		Quail on hand	1940	
V. S. 2, pt. 2, col. 11 (State)		Pheasants on hand	1940	
V. S. 2, pt. 2, col. 12 (State)		Unspecified poultry on hand	1940	

[1] Includes $..... for female silver fox and/or mink over 3 months old (kept in captivity), not shown for counties.
[2] Does not include the value of poultry, other than chickens, or the value of silver fox and mink, as the numbers on hand were not obtained in 1930.
[3] ..... for .....

Form 16-692.B
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICULTURE: 1940 **B**

..... Sheets. Sheet No. ..... Stub—Left. Right.

COUNTY TABLE XV.

U. S. GOVERNMENT PRINTING OFFICE 870942

Result Slip or other source of figures		ITEM (For definitions, source of data, etc., see text)	Dollars	Dollars
		VALUE OF LIVESTOCK PRODUCTS—Continued		
		Poultry products:		
V. S. 3, pt. 2, col. 7	52	Poultry raised, total value	1939	
Comp. S. 34, pt. 4, col. 9	53		1929	
V. S. 3, pt. 2, col. 8	54	Chickens raised	1939	
Comp. S. 34, pt. 4, col. 10	55		1929	
V. S. 3, pt. 2, col 9	56	Turkeys raised	1939	
Comp. S. 34, pt. 4, col. 11	57		1929	
V. S. 3, pt. 2, col 10	58	Ducks raised	1939	
Comp. S. 34, pt. 4, col. 12	59		1929	
V. S. 3, pt. 2, col. 11	60	Geese raised	1939	
Comp. S. 34, pt. 4, col. 13	61		1929	
V. S. 3, pt. 2, col. 12	62	Guineas raised	1939	
V. S. 3, pt. 2, col. 14	63	Chicken eggs produced	1939	
Comp S. 34, pt. 4, col. 15	64		1929	
V. S. 3, pt. 2, col. 15	65	*Chickens sold (alive or dressed)*	1939	
Comp. S. 34, pt. 4, col. 17	66		1929	
V. S. 3, pt 2, col. 16	67	Honey produced	1939	
Comp. S. 34, pt. 4, col. 18	68		1929	
		VALUE OF CROPS HARVESTED AND FOREST PRODUCTS SOLD		
V. S. 4, col. 1	69	All crops harvested, total value	1939	
V. S. 102, pt. 1, col. 13	70		1929	
V. S. 4, col. 2	71	All cereals (See text)	1939	
V. S. 102, pt. 1, col. 2	72		1929	
V. S. 5, col. 2	73	*Corn harvested for grain*	1939	
V. S. 102, pt. 2, col. 2	74		1929	
V. S. 5, col. 5	75	*Wheat threshed*	1939	
V. S. 102, pt. 2, col. 4	76		1929	
V. S. 4, col. 3	77	Other grains and seeds	1939	
V. S. 102, pt. 1, col. 3	78		1929	
V. S. 4, col. 4	79	Hay and forage	1939	
V. S. 102, pt. 1, col. 4	80		1929	
V. S. 4, col. 5	81	Cotton lint and cottonseed (see text)	1939	
V. S. 102, pt. 10, col 24	82		1929	
V. S. 4, col. 6	83	Tobacco	1939	
V. S. 102, pt. 10, col. 10	84		1929	
V. S. 4, col. 7	85	Irish and sweet potatoes	1939	
V. S. 102, pt 3, col. 16	86		1929	
V. S. 4, col. 8	87	Vegetables for sale and for farm household use (excluding Irish and sweet potatoes. See text)	1939	
V. S 102, pt. 3, col. 9	88		1929	
V. S. 4, col. 9	89	Fruits and nuts	1939	
V. S. 102, pt. 5, col. 5	90		1929	
V. S. 4, col. 10	91	Sales of horticultural specialties (see text)	1939	
V. S. 102, pt. 1, col. 10	92		1929	
V. S. 4, col. 11	93	All other crops [3]	1939	
V. S. 102, pt. 10, col. 23	94		1929	
V. S. 4, col. 12	95	Forest products sold [4]	1939	

[1] Includes $..... for female silver fox and/or mink over 3 months old (kept in captivity), not shown for counties.
[2] Does not include the value of poultry, other than chickens, or the value of silver fox and mink, as the numbers on hand were not obtained in 1930.
[3] $..... for .....
[4] $..... for .....
[5] Includes value of chickens, turkeys, ducks, and geese only.
[6] Excludes value of corn hogged or grazed off or cut for green or dry fodder; silage crops other than corn and sorghums; and oats cut and fed unthreshed.
[7] The value of maple sirup and sugar produced is included in the value of "All other crops," for both 1939 and 1929. For 1930, value of maple sirup and sugar sold is included in "Forest products sold." The value of forest products sold is given as enumerated. See text.

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V. S. 3, pt. 3, col. 2 (State)	Value of pigeons raised	1939	
V. S. 3, pt. 3, col. 3 (State)	quail raised	1939	
V. S. 3, pt. 3, col. 4 (State)	pheasants raised	1939	
V. S. 3, pt. 3, col. 5 (State)	unspecified poultry raised	1939	

Form 16-708-1
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

AGRICULTURE: 1940

A

State _____ **COUNTY TABLE XVII (2 sections), Section A**

_____ Sheets. Sheet No. _____ Stub—Left. Right.

COUNTY TABLE XVII.—VALUE OF FARM PRODUCTS SOLD, TRADED, OR USED BY FARM HOUSEHOLDS WITH PERCENTAGE OF FARMS REPORTING AND PERCENT DISTRIBUTION OF VALUE OF PRODUCTS, BY SOURCE OF INCOME: 1939 AND 1929

Source of Data		ITEM (For definitions and explanations, see text)
First Series C. T. L., line 1	1	All farms, number, 1940
R. S. 22, col. 1-B	2	1930
R. S. 52 reverse (see instr.)	3	Farms with no farm products sold, traded, or used, number, 1939
R. S. 52 reverse (see instr.)	4	Farms, unclassified, number, 1939
R. S. 22, col. 1-B, subcode 9	5	1939
R. S. 52, col. 2	6	All farm products sold, traded, or used by farm households, farms reporting, [1] 1939
C. S. 11, col. T. C., total minus col. 18, code 12	7	[1] 1929
R. S. 52, col. 4	8	total value, dollars, 1939
R. S. 29, col. 6	9	1929
R. S. 52, col. 5	10	Livestock and livestock products sold or traded, farms reporting, 1939
6	11	value, dollars, 1939
Line 16+line 20	12	[1] 1929
R. S. 52, col. 13	13	Livestock sold or traded, farms reporting, 1939
C. S. 8, col. 4	14	1929
R. S. 53, col. 14	15	value, dollars, 1939
R. S. 20, col. 4	16	1929
R. S. 53, col. 17	17	Livestock products sold or traded, farms reporting, 1939
C. S. 8, col. 6	18	[1] 1929
Line 11 minus line 15	19	value, dollars, 1939
R. S. 20, col. 5	20	[1] 1929
R. S. 53, col. 3	21	Dairy products, farms reporting, 1939
4	22	value, dollars, 1939
7	23	Poultry and poultry products, farms reporting, 1939
8	24	value, dollars, 1939
5	25	Other livestock products, farms reporting, 1939
6	26	value, dollars, 1939
R. S. 52, col. 7	27	Crops sold or traded, farms reporting, 1939
C. S. 8, col. 2	28	1929
R. S. 53, col. 8	29	value, dollars, 1939
R. S. 20, col. 3	30	1929
R. S. 53, col. 9	31	Field crops sold or traded [2], farms reporting, 1939
10	32	value, dollars, 1939
11	33	Vegetables harvested for sale [3], farms reporting, 1939
12	34	value, dollars, 1939
13	35	Fruits and nuts sold or traded, farms reporting, 1939
14	36	value, dollars, 1939
15	37	Horticultural specialties sold [4], farms reporting, 1939
16	38	value, dollars, 1939
R. S. 53, col. 9	39	Forest products sold [5], farms reporting, 1939
C. S. 8, col. 8	40	1929
R. S. 52, col. 10	41	value, dollars, 1939
R. S. 21, col. 3	42	1929
R. S. 53, col. 11	43	Farm products used by farm households, farms reporting, 1939
C. S. 8, col. 13	44	1929
R. S. 53, col. 12	45	value, dollars, 1939
R. S. 21, col. 4	46	1929

[1] For 1939 includes farms with usable reports of value of farm products sold, traded, or used by farm households; but excludes farms with no products sold, traded, or used. For 1929 includes reports for farms classified by "Type," regardless of whether or not farm products were reported sold, traded, or used by farm households (see text).

[2] Does not include bees, beeswax, fur-bearing animals kept in captivity, or the pelts of such fur-bearing animals.

[3] Value of sales of Irish and sweet potatoes included with "Field crops" and not with "Vegetables."

[4] Excludes figures for unclassified farms. The number of farms reporting horticultural specialties shown in this table includes only those reporting sales in 1939. The number of farms reporting any horticultural specialties shown in County Table XIII (col. 2), includes, in addition, farms reporting area devoted to these crops but having no sales in 1939 (see text).

[5] Value of sales of maple sugar and sirup included with "Forest products" in 1939, but not for 1929.

Form 16-708-2
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

AGRICULTURE: 1940

B

St

_____ Sheets. Sheet No. _____ Stub—Left. Right.

Source of Data		ITEM (For definitions and explanations, see text)
		PERCENT OF FARMS REPORTING (BASED ON ALL FARMS)
R. S. 52, line 1, col. 1, minus col. 3	47	No farm products sold, traded, or used by farm households, 1939
100.0, minus R. S. 22, line 1, col. 1	48	Unclassified, 1939
Comp. S. 34A, col. 2	49	1929
R. S. 52, line 1, col. 3	50	All farm products sold, traded, or used by farm households, 1939
Comp. S. 34A, col. 5	51	1929
R. S. 52, line 1, col. 5	52	Livestock and livestock products sold or traded, 1939
Comp. S. 34A, col. 7	53	1929
R. S. 52, line 1, col. 13	54	Livestock sold or traded, 1939
Comp. S. 34A, col. 9	55	1929
R. S. 53, line 1, col. 17	56	Livestock products sold or traded, 1939
Comp. S. 34A, col. 11	57	1929
R. S. 53, line 1, col. 3	58	Dairy products, 1939
7	59	Poultry and poultry products, 1939
5	60	Other livestock products, 1939
R. S. 52, line 1, col. 7	61	Crops sold or traded, 1939
Comp. S. 34A, col. 16	62	1929
R. S. 53, line 1, col. 9	63	Field crops, 1939
11	64	Vegetables, 1939
13	65	Fruits and nuts, 1939
15	66	Horticultural specialties, 1939
R. S. 52, line 1, col. 9	67	Forest products sold, 1939
Comp. S. 34A, col. 22	68	1929
R. S. 53, line 1, col. 11	69	Farm products used by farm households, 1939
Comp. S. 34A, col. 24	70	1929
		PERCENT DISTRIBUTION OF TOTAL VALUE OF FARM PRODUCTS SOLD, TRADED, OR USED BY FARM HOUSEHOLDS (BY SOURCE OF INCOME)
R. S. 52, line 0, col. 6	71	Livestock and livestock products sold or traded, 1939
Comp. S. 34, col. 2	72	1929
R. S. 52, line 0, col. 14	73	Livestock sold or traded, 1939
Comp. S. 34, col. 4	74	1929
Line 71 minus line 73	75	Livestock products sold or traded, 1939
Comp. S. 34, col. 6	76	1929
R. S. 53, line 0, col. 4	77	Dairy products, 1939
8	78	Poultry and poultry products, 1939
6	79	Other livestock products, 1939
R. S. 52, line 0, col. 8	80	Crops sold or traded, 1939
Comp. S. 34, col. 11	81	1929
R. S. 53, line 0, col. 10	82	Field crops, 1939
12	83	Vegetables, 1939
14	84	Fruits and nuts, 1939
16	85	Horticultural specialties, 1939
R. S. 52, line 0, col. 10	86	Forest products sold, 1939
Comp. S. 34, col. 19	87	1929
R. S. 52, line 0, col. 12	88	Farm products used by farm households, 1939
Comp. S. 34, col. 21	89	1929

[1] For 1939 includes farms with usable reports of value of farm products sold, traded, or used by farm households; but excludes farms with no products sold, traded, or used. For 1929 includes reports for farms classified by "Type," regardless of whether or not farm products were reported sold, traded, or used by farm households (see text).

[2] Does not include bees, beeswax, fur-bearing animals kept in captivity, or the pelts of such fur-bearing animals.

[3] Value of sales of Irish and sweet potatoes included with "Field Crops" and not with vegetables.

[4] Excludes figures for unclassified farms. The number of farms reporting horticultural specialties shown in this table includes only those reporting sales in 1939. The number of farms reporting any "Horticultural Specialties" shown in County Table XIII (col. 2), includes, in addition, farms reporting area devoted to these crops but having no sales in 1939 (see text).

[5] Value of sales of maple sugar and sirup included with "Forest products" in 1939, but not for 1929.

Form 15-709
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

AGRICULTURE: 1940

State ..... **COUNTY TABLE XVIII**

..... Sheets. Sheet No. .....

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COUNTY TABLE XVIII.—FARMS CLASSIFIED BY TOTAL VALUE OF FARM PRODUCTS SOLD, TRADED, OR USED BY FARM HOUSEHOLDS: 1939 AND 1929

U. S. GOVERNMENT PRINTING OFFICE 800347

Source of Data		ITEM (For definitions and explanations, see text)										
			Farms (number)	*Farms (number)*	*Farms (number)*	*Farms (number)*	*Farms (number)*	*Farms (number)*	*Farms (number)*	*Farms (number)*	*Farms (number)*	*Farms (number)*
Line 3+L. 4+L. 5	1	Under $250 (see text)	1939									
C. S. 11, col. T. C., code 1	2		1929									
R. S. 54, col. 1, code 20 (col. 16)	3	$0 (see text)	1939									
21 (col. 16)	4	$1 to $99	1939									
22 (col. 16)	5	$100 to $249	1939									
23 (col. 16)	6	$250 to $399	1939									
C. S. 11, col. T. C., code 2	7		1929									
R. S. 54, col. 1, code 24 (col. 16)	8	$400 to $599	1939									
C. S. 11, col. T. C., code 3	9		1929									
Line 12+Line 12a	10	$600 to $999	1939									
C. S. 11, col. T. C., code 4	11		1929									
R. S. 54, col. 1, code 25 (col. 16)	12	$600 to $749	1939									
27 (col. 16)	13	$1,000 to $1,499	1939									
C. S. 11, col. T. C., code 5	14		1929									
Line 17+Line 17a	15	$1,500 to $2,499	1939									
C. S. 11, col. T. C., code 6	16		1929									
R. S. 54, col. 1, code 28 (col. 16)	17	$1,500 to $1,999	1939									
30 (col. 16)	18	$2,500 to $3,999	1939									
C. S. 11, col. T. C., code 7	19		1929									
R. S. 54, col. 1, code 31 (col. 16)	20	$4,000 to $5,999	1939									
C. S. 11, col. T. C., code 8	21		1929									
R. S. 54, col. 1, code 32 (col. 16)	22	$6,000 to $9,999	1939									
C. S. 11, col. T. C., code 9	23		1929									
R. S. 54, col. 1, code 33 (col. 16)	24	$10,000 to $19,999	1939									
C. S. 11, col. T. C., code 10	25		1929									
Sum of lines 26a to 26f, inclusive	26	$20,000 and over	1939									
C. S. 11, col. T. C., code 11	27		1929									
		NOT FOR PRINTING										
R. S. 54, col. 1, code 26 (col. 16)	12a	$750 to $999	1939									
29 (col. 16)	17a	$2,000 to $2,499	1939									
34 (col. 16)	26a	$20,000 to $29,999	1939									
35 (col. 16)	26b	$30,000 to $39,999	1939									
36 (col. 16)	26c	$40,000 to $49,999	1939									
37 (col. 16)	26d	$50,000 to $74,999	1939									
38 (col. 16)	26e	$75,000 to $99,999	1939									
39 (col. 16)	26f	$100,000 and over	1939									
First Series C. T. L., line 1	28a	All farms	1940									
C. S. 11, col. T. C., total	29a		1930									
R. S. 52, reverse (see instr.)	30a	Unclassified	1939									
C. S. 11, col. T. C., code 12	31a		1929									

Form 18-710-1
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

AGRICULTURE: 1940

..... Sheets. Sheet No. .....

A State ..... COUNTY TABLE XIX (3 Sections), Section A

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COUNTY TABLE XIX.—FARMS REPORTING AND VALUE OF FARM PRODUCTS SOLD, TRADED, OR USED BY FARM HOUSEHOLDS CLASSIFIED BY MAJOR SOURCE OF INCOME, 1939 [1]
[For totals of all source groups see County Table XVII]

Source of Data		ITEM (For definitions and explanations, see text)	Farms reporting (number)	VALUE	
				Dollars	Percent of total
R. S. 55, code 2		**Farms with *livestock* as major source of income:**			
Col. 1, 3	1	All farm products [2]			100.0
4, 5, 19	2	Livestock sold or traded [3]			
6, 7, 20	3	Dairy products sold or traded			
10, 11, 22	4	Poultry and poultry products sold or traded			
8, 9, 21	5	Other livestock products sold or traded			
12, 13, 23	6	Field crops sold or traded			
14, 15, 24	7	Vegetables harvested for sale			
R. S. 57, code 2					
Col. 3, 4, 21	8	Fruits and nuts sold or traded			
5, 6, 25	9	Horticultural specialties sold			
7, 8, 26	10	Forest products sold			
9, 10, 27	11	Farm products used by farm households			
R. S. 55, code 1		**Farms with *dairy products* as major source of income:**			
Col. 1, 3	12	All farm products [2]			100.0
4, 5, 19	13	Livestock sold or traded [3]			
6, 7, 20	14	Dairy products sold or traded			
10, 11, 22	15	Poultry and poultry products sold or traded			
8, 9, 21	16	Other livestock products sold or traded			
12, 13, 23	17	Field crops sold or traded			
14, 15, 24	18	Vegetables harvested for sale			
R. S. 57, code 1					
Col. 3, 4, 24	19	Fruits and nuts sold or traded			
5, 6, 25	20	Horticultural specialties sold			
7, 8, 26	21	Forest products sold			
9, 10, 27	22	Farm products used by farm households			
R. S. 56, code 3		**Farms with *poultry and poultry products* as major source of income:**			
Col. 1, 3	23	All farm products [2]			100.0
4, 5, 19	24	Livestock sold or traded [3]			
6, 7, 20	25	Dairy products sold or traded			
10, 11, 22	26	Poultry and poultry products sold or traded			
8, 9, 21	27	Other livestock products sold or traded			
12, 13, 23	28	Field crops sold or traded			
14, 15, 24	29	Vegetables harvested for sale			
R. S. 57, code 3					
Col. 3, 4, 24	30	Fruits and nuts sold or traded			
5, 6, 25	31	Horticultural specialties sold			
7, 8, 26	32	Forest products sold			
9, 10, 27	33	Farm products used by farm households			
R. S. 56, code 4		**Farms with *other livestock products* as major source of income:**			
Col. 1, 3	34	All farm products [2]			100.0
4, 5, 19	35	Livestock sold or traded [3]			
6, 7, 20	36	Dairy products sold or traded			
10, 11, 22	37	Poultry and poultry products sold or traded			
8, 9, 21	38	Other livestock products sold or traded			
12, 13, 23	39	Field crops sold or traded			
14, 15, 24	40	Vegetables harvested for sale			
R. S. 57, code 4					
Col. 3, 4, 24	41	Fruits and nuts sold or traded			
5, 6, 25	42	Horticultural specialties sold			
7, 8, 26	43	Forest products sold			
9, 10, 27	44	Farm products used by farm households			

[1] In some cases figures are shown only for the principal products under each major-source class, therefore, the summation of the values of the individual products may not equal the total for "*All farm products*."
[2] All farm products sold, traded, or used by farm households.
[3] Excludes poultry, bees, and fur-bearing animals.
[4] Where there are less than 3 farms reporting an item, data are included only in the State totals.
[5] Less than one-tenth of 1 percent.

Section B

Source of Data		ITEM (For definitions and explanations, see text)	Farms reporting (number)	VALUE	
				Dollars	Percent of total
R. S. 55, code 5		**Farms with *field crops* as major source of income:**			
Col. 1, 3	45	All farm products [2]			
4, 5, 19	46	Livestock sold or traded [3]			
6, 7, 20	47	Dairy products sold or traded			
10, 11, 22	48	Poultry and poultry products sold or traded			
8, 9, 21	49	Other livestock products sold or traded			
12, 13, 23	50	Field crops sold or traded			
14, 15, 24	51	Vegetables harvested for sale			
R. S. 57, code 5					
Col. 3, 4, 21	52	Fruits and nuts sold or traded			
5, 6, 25	53	Horticultural specialties sold			
7, 8, 26	54	Forest products sold			
9, 10, 27	55	Farm products used by farm households			
R. S. 55, code 6		**Farms with *vegetables* as major source of income:**			
Col. 1, 3	56	All farm products [2]			
4, 5, 19	57	Livestock sold or traded [3]			
6, 7, 20	58	Dairy products sold or traded			
10, 11, 22	59	Poultry and poultry products sold or traded			
8, 9, 21	60	Other livestock products sold or traded			
12, 13, 23	61	Field crops sold or traded			
14, 15, 24	62	Vegetables harvested for sale			
R. S. 57, code 6					
Col. 3, 4, 24	63	Fruits and nuts sold or traded			
5, 6, 25	64	Horticultural specialties sold			
7, 8, 26	65	Forest products sold			
9, 10, 27	66	Farm products used by farm households			
R. S. 56, code 8		**Farms with *fruits and nuts* as major source of income:**			
Col. 1, 3	67	All farm products [2]			
4, 5, 19	68	Livestock sold or traded [3]			
6, 7, 20	69	Dairy products sold or traded			
10, 11, 22	70	Poultry and poultry products sold or traded			
8, 9, 21	71	Other livestock products sold or traded			
12, 13, 23	72	Field crops sold or traded			
14, 15, 24	73	Vegetables harvested for sale			
R. S. 57, code 8					
Col. 3, 4, 24	74	Fruits and nuts sold or traded			
5, 6, 25	75	Horticultural specialties sold			
7, 8, 26	76	Forest products sold			
9, 10, 27	77	Farm products used by farm households			
R. S. 56, code 7		**Farms with *horticultural specialties* as major source of income:**			
Col. 1, 3	78	All farm products [2]			
4, 5, 19	79	Livestock sold or traded [3]			
6, 7, 20	80	Dairy products sold or traded			
10, 11, 22	81	Poultry and poultry products sold or traded			
8, 9, 21	82	Other livestock products sold or traded			
12, 13, 23	83	Field crops sold or traded			
14, 15, 24	84	Vegetables harvested for sale			
R. S. 57, code 7					
Col. 3, 4, 24	85	Fruits and nuts sold or traded			
5, 6, 25	86	Horticultural specialties sold			
7, 8, 26	87	Forest products sold			
9, 10, 27	88	Farm products used by farm households			

[1] In some cases figures are shown only for the principal products under each major-source class, therefore, the summation of the values of the individual products may not equal the total for "*All farm products*."
[2] All farm products sold, traded, or used by farm households.
[3] Excludes poultry, bees, and fur-bearing animals.
[4] Where there are less than 3 farms reporting an item, data are included only in the State totals.
[5] Less than one-tenth of 1 percent.

Section C

Source of Data		ITEM (For definitions and explanations, see text)	Farms reporting (number)	VALUE	
				Dollars	Percent of total
R. S. 56, code 9		**Farms with *forest products* as major source of income:**			
Col. 1, 3	89	All farm products [2]			
4, 5, 19	90	Livestock sold or traded [3]			
6, 7, 20	91	Dairy products sold or traded			
10, 11, 22	92	Poultry and poultry products sold or traded			
8, 9, 21	93	Other livestock products sold or traded			
12, 13, 23	94	Field crops sold or traded			
14, 15, 24	95	Vegetables harvested for sale			
R. S. 57, code 9					
Col. 3, 4, 24	96	Fruits and nuts sold or traded			
5, 6, 25	97	Horticultural specialties sold			
7, 8, 26	98	Forest products sold			
9, 10, 27	99	Farm products used by farm households			
R. S. 56, code 9		**Farms with *farm products used by farm households* as major source of income:**			
Col. 1, 3	100	All farm products [2]			
4, 5, 19	101	Livestock sold or traded [3]			
6, 7, 20	102	Dairy products sold or traded			
10, 11, 22	103	Poultry and poultry products sold or traded			
8, 9, 21	104	Other livestock products sold or traded			
12, 13, 23	105	Field crops sold or traded			
14, 15, 24	106	Vegetables harvested for sale			
R. S. 57, code 9					
Col. 3, 4, 24	107	Fruits and nuts sold or traded			
5, 6, 25	108	Horticultural specialties sold			
7, 8, 26	109	Forest products sold			
9, 10, 27	110	Farm products used by farm households			

[1] In some cases figures are shown only for the principal products under each major-source class, therefore, the summation of the values of the individual products may not equal the total for "*All farm products*."
[2] All farm products sold, traded, or used by farm households.
[3] Excludes poultry, bees, and fur-bearing animals.
[4] Where there are less than 3 farms reporting an item, data are included only in the State totals.
[5] Less than one-tenth of 1 percent.

Form 16-211-1
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

AGRICULTURE: 1940

A State ..... COUNTY TABLE XX (3 Sections), Section A

..... Sheets. Sheet No. ..... Stub—Left. Right.

COUNTY TABLE XX.—FARMS REPORTING AND VALUE OF FARM PRODUCTS SOLD, TRADED, OR USED BY FARM HOUSEHOLDS, CLASSIFIED BY TOTAL VALUE OF PRODUCTS, 1939 [1]

[For totals of all value-groups see County Table XVII]

Source of Data		ITEM (For definitions and explanations, see text)	Farms reporting	Value of products	Farms reporting	Value of products	Farms reporting	Value of products	Farms reporting	Value of products	Farms reporting
Work Sheet			*Number*	*Dollars*	*Number*	*Dollars*	*Number*	*Dollars*	*Number*	*Dollars*	*Number*
Lines 1a+1b	1	Under $250, total[2]									
2a+2b	2	Livestock sold or traded									
3a+3b	3	Dairy products sold or traded									
4a+4b	4	Poultry and poultry products sold or traded									
5a+5b	5	Other livestock products sold or traded									
6a+6b	6	Field crops sold or traded									
7a+7b	7	Vegetables harvested for sale									
8a+8b	8	Fruits and nuts sold or traded									
9a+9b	9	Horticultural specialties sold									
10a+10b	10	Forest products sold									
11a+11b	11	Farm products used by farm households (6-pt. space across)									
R. S. 54, code 23 (col. 16)											
Col. 1, 2	12	$250 to $399, total									
4, 5	14	Livestock sold or traded									
6, 7	15	Dairy products sold or traded									
10, 11	17	Poultry and poultry products sold or traded									
8, 9	16	Other livestock products sold or traded									
12, 13	17	Field crops sold or traded									
14, 15	18	Vegetables harvested for sale									
R. S. 55, code 23 (col. 19)											
Col. 3, 4	19	Fruits and nuts sold or traded									
5, 6	20	Horticultural specialties sold									
7, 8	21	Forest products sold									
9, 10	22	Farm products used by farm households (6-pt. space across)									
R. S. 54, code 24 (col. 16)											
Col. 1, 2	23	$400 to $599, total									
4, 5	24	Livestock sold or traded									
6, 7	25	Dairy products sold or traded									
10, 11	26	Poultry and poultry products sold or traded									
8, 9	27	Other livestock products sold or traded									
12, 13	28	Field crops sold or traded									
14, 15	29	Vegetables harvested for sale									
R. S. 55, code 24 (col. 19)											
Col. 3, 4	30	Fruits and nuts sold or traded									
5, 6	31	Horticultural specialties sold									
7, 8	32	Forest products sold									
9, 10	33	Farm products used by farm households (6-pt. space across)									
Work sheet											
Lines 34a+34b	34	$600 to $999, total									
35a+35b	35	Livestock sold or traded									
36a+36b	36	Dairy products sold or traded									
37a+37b	37	Poultry and poultry products sold or traded									
38a+38b	38	Other livestock products sold or traded									
39a+39b	39	Field crops sold or traded									
40a+40b	40	Vegetables harvested for sale									
41a+41b	41	Fruits and nuts sold or traded									
42a+42b	42	Horticultural specialties sold									
43a+43b	43	Forest products sold									
44a+44b	44	Farm products used by farm households (6-pt. space across)									

[1] In some cases figures are shown only for the principal products under each value-group; therefore, a summation of the values of the individual products may not equal the total for all farm products.

[2] Excludes farms reporting no products sold, traded, or used by farm households. See County Table XVIII.

Form 16-711-2
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

AGRICULTURE: 1940

B State ..... COUNTY TABLE XX (3 Sections), Section B

..... Sheets. Sheet No. .....

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COUNTY TABLE XX.—FARMS REPORTING AND VALUE OF FARM PRODUCTS SOLD, TRADED, OR USED BY FARM HOUSEHOLDS, CLASSIFIED BY TOTAL VALUE OF PRODUCTS, 1939 [1]—Continued

[For totals of all value-groups see County Table XVII]

Source of Data		ITEM (For definitions and explanations, see text)	Farms reporting	Value of products
			Number	*Dollars*
R. S. 54, code 27 (col. 18)				
Col. 1, 2	45	$1,000 to $1,499, total		
4, 5	46	Livestock sold or traded		
6, 7	47	Dairy products sold or traded		
10, 11	48	Poultry and poultry products sold or traded		
8, 9	49	Other livestock products sold or traded		
12, 13	50	Field crops sold or traded		
14, 15	51	Vegetables harvested for sale		
R. S. 55, code 27 (col. 19)				
Col. 2, 4	52	Fruits and nuts sold or traded		
5, 6	53	Horticultural specialties sold		
7, 8	54	Forest products sold		
9, 10	55	Farm products used by farm households (6-pt. space across)		
Work sheet				
Lines 56a+56b	56	$1,500 to $2,499, total		
57a+57b	57	Livestock sold or traded		
58a+58b	58	Dairy products sold or traded		
59a+59b	59	Poultry and poultry products sold or traded		
60a+60b	60	Other livestock products sold or traded		
61a+61b	61	Field crops sold or traded		
62a+62b	62	Vegetables harvested for sale		
63a+63b	63	Fruits and nuts sold or traded		
64a+64b	64	Horticultural specialties sold		
65a+65b	65	Forest products sold		
66a+66b	66	Farm products used by farm households (6-pt. space across)		
R. S. 54, code 30 (col. 18)				
Col. 1, 2	67	$2,500 to $3,999, total		
4, 5	68	Livestock sold or traded		
6, 7	69	Dairy products sold or traded		
10, 11	70	Poultry and poultry products sold or traded		
8, 9	71	Other livestock products sold or traded		
12, 13	72	Field crops sold or traded		
14, 15	73	Vegetables harvested for sale		
R. S. 55, code 30 (col. 19)				
Col. 3, 4	74	Fruits and nuts sold or traded		
5, 6	75	Horticultural specialties sold		
7, 8	76	Forest products sold		
9, 10	77	Farm products used by farm households (6-pt. space across)		
R. S. 54, code 31 (col. 18)				
Col. 1, 2	78	$4,000 to $5,999, total		
4, 5	79	Livestock sold or traded		
6, 7	80	Dairy products sold or traded		
10, 11	81	Poultry and poultry products sold or traded		
8, 9	82	Other livestock products sold or traded		
12, 13	83	Field crops sold or traded		
14, 15	84	Vegetables harvested for sale		
R. S. 55, code 31 (col. 19)				
Col. 3, 4	85	Fruits and nuts sold or traded		
5, 6	86	Horticultural specialties sold		
7, 8	87	Forest products sold		
9, 10	88	Farm products used by farm households (6-pt. space across)		

[1] In some cases figures are shown only for the principal products under each value-group; therefore, a summation of the values of the individual products may not equal the total for all farm products.

Form 16-711-2
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

AGRICULTURE: 1940

C State .....

..... Sheets. Sheet No. .....

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COUNTY TABLE XX.—

U. S. GOVERNMENT PRINTING OFFICE 302749

Source of Data		ITEM (For definitions and explanations, see text)	Farms reporting	Value of products
			Number	*Dollars*
R. S. 54, code 32 (col. 18)				
Col. 1, 2	89	$5,000 to $9,999, total		
4, 5	90	Livestock sold or traded		
6, 7	91	Dairy products sold or traded		
10, 11	92	Poultry and poultry products sold or traded		
8, 9	93	Other livestock products sold or traded		
12, 13	94	Field crops sold or traded		
14, 15	95	Vegetables harvested for sale		
R. S. 55, code 32 (col. 19)				
Col. 3, 4	96	Fruits and nuts sold or traded		
5, 6	97	Horticultural specialties sold		
7, 8	98	Forest products sold		
9, 10	99	Farm products used by farm households (6-pt. space across)		
Work sheet				
Lines 100a+100b	100	$10,000 and over, total		
101a+101b	101	Livestock sold or traded		
102a+102b	102	Dairy products sold or traded		
103a+103b	103	Poultry and poultry products sold or traded		
104a+104b	104	Other livestock products sold or traded		
105a+105b	105	Field crops sold or traded		
106a+106b	106	Vegetables harvested for sale		
107a+107b	107	Fruits and nuts sold or traded		
108a+108b	108	Horticultural specialties sold		
109a+109b	109	Forest products sold		
110a+110b	110	Farm products used by farm households		

[1] In some cases figures are shown only for the principal products under each value-group; therefore, a summation of the values of the individual products may not equal the total for all farm products.

Form 16-711-4
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

AGRICULTURE: 1940

State ..... **WORK SHEET FOR COUNTY TABLE XX (2 Sections), Section 1**

..... Sheets. Sheet No. ..... Stub—Left. Right.

COUNTY TABLE XX.—FARMS REPORTING AND VALUE OF FARM PRODUCTS SOLD, TRADED, OR USED BY FARM HOUSEHOLDS, CLASSIFIED BY TOTAL VALUE OF PRODUCTS, 1939 [1]
(For totals of all value-groups see County Table XVII)

Source of Data		ITEM	Farms reporting	Value of products
			Number	*Dollars*
R. S. 54, code 21 (col. 16)				
Col. 1, 2	1a	$1 to $99, total		
4, 5	2a	Livestock sold or traded		
6, 7	3a	Dairy products sold or traded		
10, 11	4a	Poultry and poultry products sold or traded		
8, 9	5a	Other livestock products sold or traded		
12, 13	6a	Field crops sold or traded		
14, 15	7a	Vegetables harvested for sale		
R. S. 53, code 21 (col. 19)				
Col. 3, 4	8a	Fruits and nuts sold or traded		
5, 6	9a	Horticultural specialties sold		
7, 8	10a	Forest products sold		
9, 10	11a	Farm products used by farm households		
R. S. 54, code 22 (col. 16)				
Col. 1, 2	1b	$100 to $249, total		
4, 5	2b	Livestock sold or traded		
6, 7	3b	Dairy products sold or traded		
10, 11	4b	Poultry and poultry products sold or traded		
8, 9	5b	Other livestock products sold or traded		
12, 13	6b	Field crops sold or traded		
14, 15	7b	Vegetables harvested for sale		
R. S. 53, code 22 (col. 19)				
Col. 3, 4	8b	Fruits and nuts sold or traded		
5, 6	9b	Horticultural specialties sold		
7, 8	10b	Forest products sold		
9, 10	11b	Farm products used by farm households		
R. S. 54, code 23 (col. 16)				
Col. 1, 2	34a	$500 to $749, total		
4, 5	35a	Livestock sold or traded		
6, 7	36a	Dairy products sold or traded		
10, 11	37a	Poultry and poultry products sold or traded		
8, 9	38a	Other livestock products sold or traded		
12, 13	39a	Field crops sold or traded		
14, 15	40a	Vegetables harvested for sale		
R. S. 55, code 23 (col. 19)				
Col. 3, 4	41a	Fruits and nuts sold or traded		
5, 6	42a	Horticultural specialties sold		
7, 8	43a	Forest products sold		
9, 10	44a	Farm products used by farm households		
R. S. 54, code 25 (col. 16)				
Col. 1, 2	34b	$750 to $999, total		
4, 5	35b	Livestock sold or traded		
6, 7	36b	Dairy products sold or traded		
10, 11	37b	Poultry and poultry products sold or traded		
8, 9	38b	Other livestock products sold or traded		
12, 13	39b	Field crops sold or traded		
14, 15	40b	Vegetables harvested for sale		
R. S. 55, code 25 (col. 19)				
Col. 3, 4	41b	Fruits and nuts sold or traded		
5, 6	42b	Horticultural specialties sold		
7, 8	43b	Forest products sold		
9, 10	44b	Farm products used by farm households		

[1] In some cases figures are shown only for the principal products under each value-group; therefore, a summation of the value of the individual products may not equal the total for all farm products.

Form 16-711-5
DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

AGRICULTURE: 1940

State .....

..... Sheets. Sheet No. ..... **Section 2** Stub—Left. Right.

COUNTY TABLE XX.

U. S. GOVERNMENT PRINTING OFFICE 302263

Source of Dat		ITEM	Farms reporting	Value of products
			Number	*Dollars*
R. S. 54, code 28 (col. 16)				
Col. 1, 2	36a	$1,500 to $1,999, total		
4, 5	37a	Livestock sold or traded		
6, 7	38a	Dairy products sold or traded		
10, 11	39a	Poultry and poultry products sold or traded		
8, 9	40a	Other livestock products sold or traded		
12, 13	41a	Field crops sold or traded		
14, 15	42a	Vegetables harvested for sale		
R. S. 53, code 28 (col. 19)				
Col. 3, 4	62a	Fruits and nuts sold or traded		
5, 6	64a	Horticultural specialties sold		
7, 8	65a	Forest products sold		
9, 10	66a	Farm products used by farm households		
R. S. 54, code 29 (col. 16)				
Col. 1, 2	36b	$2,000 to $2,499, total		
4, 5	37b	Livestock sold or traded		
6, 7	38b	Dairy products sold or traded		
10, 11	39b	Poultry and poultry products sold or traded		
8, 9	40b	Other livestock products sold or traded		
12, 13	41b	Field crops sold or traded		
14, 15	42b	Vegetables harvested for sale		
R. S. 53, code 29 (col. 19)				
Col. 3, 4	67b	Fruits and nuts sold or traded		
5, 6	64b	Horticultural specialties sold		
7, 8	65b	Forest products sold		
9, 10	66b	Farm products used by farm households		
R. S. 54, code 33 (col. 16)				
Col. 1, 2	100a	$10,000 to $19,999, total		
4, 5	101a	Livestock sold or traded		
6, 7	102a	Dairy products sold or traded		
10, 11	103a	Poultry and poultry products sold or traded		
8, 9	104a	Other livestock products sold or traded		
12, 13	105a	Field crops sold or traded		
14, 15	106a	Vegetables harvested for sale		
R. S. 55, code 33 (col. 19)				
Col. 3, 4	107a	Fruits and nuts sold or traded		
5, 6	108a	Horticultural specialties sold		
7, 8	109a	Forest products sold		
9, 10	110a	Farm products used by farm households		
R. S. 54, sum codes 34-39 incl. (col. 16)				
Col. 1, 2	100b	$20,000 and over, total		
4, 5	101b	Livestock sold or traded		
6, 7	102b	Dairy products sold or traded		
10, 11	103b	Poultry and poultry products sold or traded		
8, 9	104b	Other livestock products sold or traded		
12, 13	105b	Field crops sold or traded		
14, 15	106b	Vegetables harvested for sale		
R. S. 55, sum codes 34-39 incl. (col. 19)				
Col. 3, 4	107b	Fruits and nuts sold or traded		
5, 6	108b	Horticultural specialties sold		
7, 8	109b	Forest products sold		
9, 10	110b	Farm products used by farm households		

[1] In some cases figures are shown only for the principal products under each value-group; therefore, a summation of the values of the individual products may not equal the total for all farm products.

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

TABLE 1.—NUMBER OF FARMS, LAND IN FARMS CLASSIFIED ACCORDING TO USE, AND VALUE OF LAND AND BUILDINGS, BUILDINGS, AND IMPLEMENTS AND MACHINERY; BY COUNTIES AND MINOR CIVIL DIVISIONS: FEDERAL FARM CENSUS, APR. 1, 1940

MISSISSIPPI

(No farms were reported in 1940 for Minor Civil Divisions not shown in either stub or notes)

COUNTY AND MINOR CIVIL DIVISION	Code	Number of farms	LAND IN FARMS, APR. 1, 1940, CLASSIFIED ACCORDING TO USE IN 1939																FARM VALUES						
			All land in farms (acres)		Cropland harvested		Crop failure		Cropland idle or fallow		Plowable pasture		Woodland		All other land in farms		Land used for crops [1]		Farms reporting land available for crops [2]	Land and buildings			Buildings		Implements and machinery	
			Total	Av. per farm	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres		Amount (dollars)	Average per farm	Average per acre	Farms reporting	Amount (dollars)	Farms reporting	Amount (dollars)
Sunflower County		10,981	413,740	38	10,937	314,421	272	3283	230	6362	667	11,679	728	51,201	4,504	24,794	10,940	317,704	10,963	26,416,970	2,406	64	10,549	6,031,059	5,173	2,042,562
Beat 1	01	1,412	49,880	35	1,408	39927	13	54	12	289	38	1,149	128	6,392	689	3,069	1,408	39,981	1,411	3,407,095	2,413	68	1,381	764,739	440	266,748
" 2	02	1,536	61,460	40	1,528	41,728	39	576	38	1,140	69	1,447	106	12,811	530	3,738	1,528	42,304	1,535	3,534,239	2,301	58	1,487	640,302	773	238,674
" 3	03	1,630	65,972	40	1,624	44,429	50	1,132	33	1,357	107	1,934	123	12,119	676	3,001	1,624	47,561	1,628	4,373,755	2,663	66	1,583	1,071,729	648	334,432
" 4	04	2925	94,864	32	2,911	75,163	65	649	65	1919	123	1,794	191	9,267	660	6072	2,912	75,812	2,915	5,847,630	1,999	62	2,807	1,287,931	1,222	493,968
" 5	05	3,478	141,564	41	3,466	111,174	105	872	82	1,657	330	5335	180	10,612	2,009	11914	3,468	112,046	3,474	9254251	2661	65	3,291	2266358	2090	706,740

[1] Cropland harvested and crop failure
[2] Cropland harvested, crop failure, idle or fallow cropland, and plowable pasture.

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

TABLE 2.—HORSES, MULES, HOGS, AND CATTLE, ON FARMS AND RANCHES, APR. 1, 1940; AND COWS MILKED, PRODUCTION OF MILK AND BUTTER, AND SALES OF MILK, CREAM, AND BUTTER, 1939; BY COUNTIES AND MINOR CIVIL DIVISIONS: FEDERAL FARM CENSUS, APR. 1, 1940

(No farms were reported in 1940 for Minor Civil Divisions not shown in either stub or notes)

COUNTY AND MINOR CIVIL DIVISION	Code	Farms reporting horses and/or mules	HORSES AND COLTS OVER 6 MO. OLD				MULES AND MULE COLTS OVER 6 MO. OLD				HOGS AND PIGS OVER 4 MO. OLD				CATTLE AND CALVES OVER 2 YR. OLD				COWS MILKED AND DAIRY PRODUCTS, 1939											
			Total		Colts 3 to 27 mo. old		Total		Colts 3 to 27 mo. old		Total		Sows and gilts to farrow [1]		Total		Cows and heifers 2 yr. old and over Jan.1,1940		Cows and heifers milked		Milk produced (gallons)	Butter churned		Whole milk sold		Cream sold		Butter sold	
			Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number kept for milk	Farms reporting	Number		Farms reporting	Pounds	Farms reporting	Gallons	Farms reporting	Pounds of butterfat	Farms reporting	Pounds

[1] Sows and gilts that farrowed since Dec. 1, 1939 or to farrow before June 1, 1940.

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

TABLE 3.—SHEEP ON FARMS AND RANCHES, WOOL SHORN, AND SPECIFIED CLASSES OF POULTRY ON HAND, RAISED, AND SOLD, BY COUNTIES AND MINOR CIVIL DIVISIONS: FEDERAL FARM CENSUS, APR. 1, 1940

(No farms were reported in 1940 for Minor Civil Divisions not shown in either stub or notes)

COUNTY AND MINOR CIVIL DIVISION	Code	SHEEP AND LAMBS OVER 6 MO. OLD						SHEEP AND LAMBS SHORN			ANY POULTRY		CHICKENS						TURKEYS				DUCKS			
		Total		Ewes									On hand over 4 mo. old		Raised		Sold		On hand over 4 mo. old		Raised		On hand over 4 mo. old		Raised	
		Farms reporting	Number	Farms reporting	Number	Yearling ewes [1]		Other ewes		Farms reporting	Number shorn	Wool shorn (pounds)	On hand, farms reporting	Raised, farms reporting	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number
						Farms reporting	Number	Farms reporting	Number																		

[1] Between 6 and 18 mo. of age.

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

TABLE 4.—CORN, SORGHUMS, MIXED GRAINS, AND WHEAT; BY COUNTIES AND MINOR CIVIL DIVISIONS: FEDERAL FARM CENSUS, APR. 1, 1940

(No farms were reported in 1940 for Minor Civil Divisions not shown in either stub or notes)

COUNTY AND MINOR CIVIL DIVISION	Code	CORN								SORGHUMS								MIXED GRAINS THRESHED [1]			WHEAT THRESHED							
		Harvested for all purposes		Harvested for grain			Cut for silage			Hogged or grazed or cut for fodder		Harvested for all purposes except sirup		Harvested for grain			Cut for hay or fodder			Farms reporting	Acres	Bushels	Farms reporting any wheat threshed	Winter Wheat			Spring Wheat		
		Farms reporting	Acres	Farms reporting	Acres	Bushels	Farms reporting	Acres	Tons	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Bushels	Farms reporting	Acres	Tons					Farms reporting	Acres	Bushels	Farms reporting	Acres	Bushels

[1] Other than a flax and wheat mixture.

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

TABLE 5.—OATS AND HAYS; BY COUNTIES AND MINOR CIVIL DIVISIONS: FEDERAL FARM CENSUS, APR. 1, 1940

(No farms were reported in 1940 for Minor Civil Divisions not shown in either stub or notes)

COUNTY AND MINOR CIVIL DIVISION	Code	OATS					ALL HAY, EXCLUSIVE OF SORGHUMS																					
		Farms reporting any oats [1]	Threshed for grain			Cut and fed unthreshed		Farms reporting any hay	Annual legumes saved for hay			Alfalfa hay			Sweetclover hay			Lespedeza hay			Clover or timothy hay, alone or mixed			Small grain hay			All other tame hay			Wild hay		
			Farms reporting	Acres	Bushels	Farms reporting	Acres		Farms reporting	Acres	Tons	Farms reporting	Acres	Tons	Farms reporting	Acres	Tons	Farms reporting	Acres	Tons	Farms reporting	Acres	Tons	Farms reporting	Acres	Tons	Farms reporting	Acres	Tons	Farms reporting	Acres	Tons

[1] Includes oats threshed for grain and oats cut for grain when ripe or nearly ripe and fed unthreshed but does not include oats cut for hay.

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

TABLE 6.—BARLEY, RYE, FLAX, BUCKWHEAT, RICE; AND IRISH POTATOES, SWEETPOTATOES AND YAMS, TOBACCO, AND SUGAR BEETS FOR SUGAR; BY COUNTIES AND MINOR CIVIL DIVISIONS: FEDERAL FARM CENSUS, APR. 1, 1940

(No farms were reported in 1940 for Minor Civil Divisions not shown in either stub or notes)

COUNTY AND MINOR CIVIL DIVISION	Code	BARLEY THRESHED			RYE THRESHED			FLAX THRESHED			BUCKWHEAT THRESHED			RICE THRESHED			IRISH POTATOES			SWEETPOTATOES AND YAMS			TOBACCO			SUGAR BEETS FOR SUGAR		
		Farms reporting	Acres	Bushels	Farms reporting	Acres	Bushels	Farms reporting	Acres	Bushels	Farms reporting	Acres	Bushels	Farms reporting	Acres	162-lb bbl. 100-lb bags	Farms reporting	Acres	Bushels	Farms reporting	Acres	Bushels	Farms reporting	Acres	Pounds	Farms reporting	Acres	Tons

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

TABLE 7.—WORK OFF FARM, KIND OF ROAD, AND SPECIFIED FARM MACHINERY AND FACILITIES; BY COUNTIES AND MINOR CIVIL DIVISIONS: FEDERAL FARM CENSUS, APR. 1, 1940

(No farms were reported in 1940 for Minor Civil Divisions not shown in either stub or notes. In general, deletions were made to avoid disclosures)

COUNTY AND MINOR CIVIL DIVISION	Code	WORK OFF FARM FOR PAY OR INCOME DURING 1939					FARMS REPORTING KIND OF ROAD ADJOINING FARM				AUTOMOBILES ON FARMS		MOTORTRUCKS ON FARMS		TRACTORS ON FARMS		FARMS REPORTING SPECIFIED FARM FACILITIES			
		Operators rptg. "None" for days worked off farm	Operators reporting work off their farms	Number of days			Hard-surfaced	Gravel, shell, shale, etc.	Improved dirt	Unimproved dirt	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Electric distribution line within 1/4 mile	Dwelling lighted by electricity from—		Telephone
				Total	On other farms	At nonfarm work												Power line	Home plant	

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

TABLE 8.—SPECIFIED FARM EXPENDITURES; BY COUNTIES AND MINOR CIVIL DIVISIONS: FEDERAL FARM CENSUS, APR. 1, 1940

(No farms were reported in 1940 for Minor Civil Divisions not shown in either stub or notes. In general, deletions were made to avoid disclosures)

COUNTY AND MINOR CIVIL DIVISION	Code	CASH WAGES PAID IN 1939 FOR FARM LABOR				EXPENDITURES FOR FEED		EXPENDITURES FOR IMPLEMENTS AND MACHINERY		EXPENDITURES FOR GAS, OIL, ETC.		EXPENDITURES FOR BUILDING MATERIALS (Lumber, cement, fencing, etc.)		EXPENDITURES FOR COMMERCIAL FERTILIZER			EXPENDITURES FOR LIMING MATERIALS		
		Farms reporting	Amount (dollars)			Farms reporting	Amount (dollars)	Farms reporting	Amount (dollars)	Farms reporting	Amount (dollars)	Farms reporting	Amount (dollars)	Farms reporting	Quantity bought (tons)	Amount (dollars)	Farms reporting	Quantity bought (tons)	Amount (dollars)
			Hired by month	Hired by day or week	Other (piece work, contract, etc.)														

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

TABLE 9.—GOATS ON FARMS AND RANCHES, AND SLAUGHTER, PURCHASES, AND SALES OF CATTLE, CALVES, HOGS, AND SHEEP; BY COUNTIES AND MINOR CIVIL DIVISIONS: FEDERAL FARM CENSUS, APR. 1, 1940

(No farms were reported in 1940 for Minor Civil Divisions not shown in either stub or notes. In general, deletions were made to avoid disclosures)

COUNTY AND MINOR CIVIL DIVISION	Code	GOATS AND KIDS OVER 4 MO. OLD APR. 1, 1940		ANIMALS BUTCHERED, 1939 (For home use or for sale from farms)								PURCHASES OF LIVESTOCK, BY FARMERS, 1939								SALES OF LIVESTOCK, BY FARMERS, 1939							
		Farms rptg.	Number	Farms rptg. any	Farms rptg. cattle and/or calves	Cattle		Calves		Hogs and pigs		Sheep and lambs		Farms rptg. any	Farms rptg. cattle and/or calves	Cattle		Calves		Hogs and pigs		Sheep and lambs		Farms rptg. any	Farms rptg. cattle and/or calves	Cattle		Calves		Hogs and pigs		Sheep and lambs	
						Farms rptg.	Number	Farms rptg.	Number	Farms rptg.	Number	Farms rptg.	Number			Farms rptg.	Number	Farms rptg.	Number	Farms rptg.	Number	Farms rptg.	Number			Farms rptg.	Number	Farms rptg.	Number	Farms rptg.	Number	Farms rptg.	Number

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
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TABLE 10.—SPECIFIED ANNUAL LEGUMES, VEGETABLES HARVESTED FOR SALE, AND VALUE OF FARM GARDEN VEGETABLES; BY COUNTIES AND MINOR CIVIL DIVISIONS: FEDERAL FARM CENSUS, APR. 1, 1940

(No farms were reported in 1940 for Minor Civil Divisions not shown in either stub or notes. In general, deletions were made to avoid disclosures)

COUNTY AND MINOR CIVIL DIVISION	Code	SPECIFIED ANNUAL LEGUMES															TOTAL VALUE VEGETABLES HARV. FOR SALE (EXCL. IRISH AND SWEET POTATOES)		SPECIFIED VEGETABLES HARVESTED FOR SALE						VALUE OF VEGETABLES GROWN FOR HOME USE (EXCLUDING IRISH AND SWEET POTATOES)	
		Soybeans						Peanuts							Cowpeas, farms rptg.	Vetches, velvetbeans,[1] farms rptg.			Cabbage		Sweet corn		Tomatoes			
		Farms rptg.	Grown alone		Grown with other crops		For beans			Farms rptg.	Grown alone		Grown with other crops		For nuts											
			Farms rptg.	Total acres	Farms rptg.	Total acres	Farms rptg.[2]	Acres grown alone	Quantity harvested[2] (bushels)		Farms rptg.	Total acres	Farms rptg.	Total acres	Farms rptg.[2]	Acres grown alone	Quantity harvested[1] (pounds)			Farms rptg.	Dollars	Farms rptg.	Acres	Farms rptg.	Acres	Farms rptg.	Acres	Farms rptg.	Dollars

[1] Includes vetches, velvetbeans, mung and horse beans.
[2] Includes quantity harvested from both acreage grown alone and acreage grown with other crops.
[3] Excludes farms not classified by value of products and, therefore, is not fully comparable with farms reporting other items.

DEPARTMENT OF COMMERCE
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TABLE 11.—HORTICULTURAL SPECIALTIES, STRAWBERRIES, AND TREE FRUITS AND GRAPES; BY COUNTIES AND MINOR CIVIL DIVISIONS: FEDERAL FARM CENSUS, APR. 1, 1940

(No farms were reported in 1940 for Minor Civil Divisions not shown in either stub or notes. In general, deletions were made to avoid disclosures)

COUNTY AND MINOR CIVIL DIVISION	Code	Farms reporting any Horticultural specialties	STRAWBERRIES			Farms reporting any tree fruits, nuts, or grapes[1]	LAND IN FRUIT ORCHARDS, VINEYARDS, AND PLANTED NUT TREES		SPECIFIED ORCHARD FRUITS																	
									Apples				Cherries				Peaches				Pears				Grapes			
			Farms rptg.	Acres	Quantity harvested (quarts)		Farms rptg.	Acres	Farms rptg.[1]	Trees not of bearing age	Trees of bearing age	Quantity harvested (bushels)	Farms rptg.[1]	Trees not of bearing age	Trees of bearing age	Quantity harvested (pounds)	Farms rptg.[1]	Trees not of bearing age	Trees of bearing age	Quantity harvested (bushels)	Farms rptg.[1]	Trees not of bearing age	Trees of bearing age	Quantity harvested (bushels)	Farms rptg.[1]	Vines not of bearing age	Vines of bearing age	Quantity harvested (pounds)

[1] Farms reporting any trees or vines, Apr. 1, 1940; or any production, 1939

Publications.—Because of the large number of inquiries included on the 1940 Farm and Ranch Schedule, the tabulation, critical analysis, and publications were divided into three phases. In so doing the precedence of tabulation was based primarily on the relative importance of items, and also on their arrangement on the schedule and their relationship to other items. Thus, United States totals for some of the more important individual items were made available at a much earlier date than would have been possible otherwise.

The results of the Census of Agriculture were first published in press releases, then in a series of three State bulletins showing county figures. The data were then assembled by subject matter and presented in chapters covering certain commodities or special fields.

The information was published by geographic areas, as geographic divisions, States, and counties. Selected items were published by various sorts, as color and tenure of operator, size of farm, number of cows milked, number of chickens on hand, number of apple trees of bearing age, etc. Much of the information, particularly in volume III, was presented in the form of maps and charts as well as in statistical tables. Illustrative examples of published data including one county table, one State table, and several graphs and maps are shown on the following pages.

The text accompanying the statistics in the various reports, especially that in volume III, includes the necessary definitions, discussions of the comparability of the data for the various censuses, and other factors which may be helpful in the interpretation of the data.

In chapter II is presented a detailed description of the published reports for the 1940 Census of Agriculture.

Census of Agriculture - Mississippi

COUNTY TABLE I.—FARMS, FARM ACREAGE, AND VALUE, BY COLOR OF OPERATOR, 1940, OF BUILDINGS AND IMPLEMENTS

	ITEM (For definitions: "Farms reporting," etc., see text)	THE STATE	Adams	Alcorn	Amite	Attala	Benton	Bolivar
	FARMS, ACREAGE, AND LAND AREA							
1	Number of farms.....Apr. 1, 1940..	291,092	1,641	2,835	3,868	4,518	1,746	12,005
2	Jan. 1, 1935..	311,683	1,911	2,958	3,803	4,736	2,258	13,003
3	Apr. 1, 1930..	312,663	1,689	3,334	3,535	4,342	2,110	15,932
4	Approximate land area (see text)...acres.....1940..	30,348,800	286,720	259,200	466,560	463,360	263,680	586,880
5	Proportion in farms.....percent.....1940..	63.1	35.7	78.2	64.9	81.4	64.0	76.6
6	All land in farms.....acres.....1940..	19,156,058	102,412	202,619	302,865	377,098	142,360	449,398
7	1935..	19,655,413	166,311	211,587	291,869	374,023	211,203	414,668
8	1930..	17,332,195	100,738	199,312	289,209	323,322	177,644	409,675
9	Average size of farm.....acres.....1940..	65.8	62.4	71.5	78.3	83.5	81.5	37.4
10	1935..	63.1	87.0	71.5	76.7	79.0	93.5	31.9
11	1930..	55.4	59.6	59.8	81.8	74.5	84.2	25.7
	Farm land according to use:							
12	Cropland harvested.....farms reporting..1939..	282,577	1,554	2,773	3,753	4,469	1,735	11,953
13	1934..	302,392	1,807	2,911	3,709	4,492	2,080	12,941
14	1929..	299,997	1,618	3,207	3,461	3,922	2,061	15,739
15	acres.....1939..	6,952,931	29,030	64,298	88,239	97,561	32,115	324,349
16	1934..	6,735,377	27,892	70,382	76,726	94,567	44,307	313,963
17	1929..	6,597,112	27,599	71,840	83,838	78,542	45,576	331,469
18	Crop failure (see text).....farms reporting..1939..	38,317	61	755	147	700	869	253
19	1934..	13,482	256	130	140	360	30	751
20	1929..	10,823	109	91	113	66	24	139
21	acres.....1939..	417,407	412	8,881	1,055	4,656	8,920	2,466
22	1934..	107,806	2,246	1,065	1,456	2,422	364	6,444
23	1929..	147,079	2,543	755	1,413	965	156	3,420
24	Cropland, idle or fallow (see text)..farms reporting..1939..	39,898	167	1,057	628	746	543	479
25	1934..	39,452	131	832	595	850	334	257
26	1929..	38,902	189	812	447	906	278	284
27	acres.....1939..	630,205	2,278	11,140	8,282	7,767	4,723	14,311
28	1934..	803,038	3,075	10,922	9,578	14,159	13,926	6,441
29	1929..	710,644	4,734	11,124	7,107	16,391	4,802	7,575
30	Plowable pasture.....farms reporting..1939..	97,842	595	2,241	1,793	2,675	649	749
31	1934..	71,543	451	1,336	1,331	1,561	583	432
32	1929..	63,862	529	1,367	1,376	1,356	542	273
33	acres.....1939..	2,702,190	18,921	34,574	58,476	49,982	14,702	13,301
34	1934..	1,903,301	25,255	20,340	42,925	33,860	14,309	5,964
35	1929..	1,495,294	17,576	20,595	46,423	27,750	8,382	4,111
36	Woodland (see text).....farms reporting..1939..	112,580	535	1,866	2,159	2,768	879	977
37	acres.....1939..	6,068,121	29,747	58,365	122,472	140,576	47,286	51,107
38	1934..	7,562,659	76,730	66,530	121,226	170,769	87,516	55,309
39	1929..	6,224,309	29,991	66,864	123,626	159,958	81,702	46,840
40	All other land (see text).....farms reporting..1939..	199,670	1,250	2,399	3,419	3,041	1,299	9,672
41	acres.....1939..	2,385,204	22,024	25,361	24,341	76,556	34,617	43,864
42	1934..	2,543,232	31,113	42,328	39,958	58,246	50,781	26,547
43	1929..	2,157,757	18,295	28,134	26,802	39,716	37,026	16,260
44	Land used for crops (harvested and failure).....farms reporting..1939..	283,824	1,556	2,782	3,757	4,471	1,739	11,954
45	acres.....1939..	7,370,338	29,442	73,179	89,294	102,217	41,035	326,815
46	1934..	6,843,183	30,138	71,467	78,182	96,989	44,671	320,407
47	1929..	6,744,191	30,142	72,595	85,251	79,507	45,732	334,889
48	Land available for crops (harvested, failure, idle or fallow, and plowable pasture)..farms reporting..1939..	289,397	1,637	2,830	3,848	4,511	1,743	11,992
49	Irrigated cropland harvested and/or irrigated pasture.....farms reporting..1939..	7	.....	.....	.....	.....	.....	.....
50	Irrigated cropland harvested.....farms reporting..1939..	7	.....	.....	.....	.....	.....	.....
51	acres.....1939..	94	.....	.....	.....	.....	.....	.....
52	Irrigated pasture.....farms reporting..1939..	.....	.....	.....	.....	.....	.....	.....
53	acres.....1939..	.....	.....	.....	.....	.....	.....	.....
	VALUES							
54	Value of farms (land and buildings)..dollars.....1940..	474,986,062	2,418,537	3,797,804	4,082,698	4,596,839	1,791,401	31,227,088
55	1935..	370,838,658	2,923,598	3,226,247	2,938,590	3,904,558	1,730,228	21,734,165
56	1930..	568,322,065	3,353,289	5,447,480	4,891,569	5,546,124	2,365,801	37,782,372
57	Value of buildings.....farms reporting..1940..	279,051	1,588	2,689	3,331	4,293	1,707	11,626
58	1930..	287,328	1,634	2,906	3,154	3,986	1,916	14,117
59	dollars.....1940..	129,492,196	863,428	1,214,426	1,512,934	1,090,680	501,471	6,613,424
60	1930..	157,723,346	1,154,859	1,842,237	2,020,351	1,818,545	741,373	7,408,801
	Average values:							
61	Land and buildings per farm.....dollars.....1940..	1,632	1,474	1,340	1,056	1,017	1,026	2,601
62	1935..	1,190	1,530	1,091	773	824	766	1,671
63	1930..	1,818	1,985	1,634	1,384	1,277	1,121	2,371
64	Farms of 30 acres and over...dollars.....1940..	2,447	3,105	1,518	1,487	1,265	1,414	8,245
65	Land and buildings per acre.....dollars.....1940..	24.80	23.62	18.74	13.48	12.19	12.58	69.49
66	1935..	18.87	17.58	15.25	10.07	10.44	8.19	52.41
67	1930..	32.79	33.29	27.33	16.91	17.15	13.32	92.23
68	Value of implements and machinery..farms reporting..1940..	187,509	1,266	2,439	2,809	3,378	1,424	3,164
69	1930..	251,002	1,318	2,743	2,719	4,158	2,008	5,626
70	dollars.....1940..	40,300,899	161,402	386,162	427,605	451,821	175,406	2,367,160
71	1930..	41,609,042	208,577	480,212	509,305	561,003	279,244	1,496,205
	BY COLOR OF OPERATOR							
72	Number of farms....Of white operators[2].....number...1940..	131,552	244	2,524	1,819	2,520	925	2,293
73	1935..	142,677	292	2,668	1,944	2,735	1,258	2,443
74	1930..	129,775	213	2,907	1,647	2,390	1,057	2,696
75	Of nonwhite operators...number...1940..	159,540	1,397	311	2,049	1,998	821	9,712
76	1935..	169,006	1,619	290	1,859	2,001	1,000	10,560
77	1930..	182,888	1,476	427	1,888	1,952	1,053	13,236
78	All land in farms..Of white operators[2].....acres....1940..	13,765,704	60,649	188,958	211,126	269,022	98,269	268,731
79	1935..	14,109,961	122,639	199,692	214,028	278,361	166,484	208,211
80	1930..	11,258,956	59,036	183,006	196,718	229,682	112,392	146,825
81	Of nonwhite operators...acres....1940..	5,390,354	41,763	13,661	91,739	108,076	44,094	180,667
82	1935..	5,545,452	43,672	11,895	77,841	95,662	44,719	206,457
83	1930..	6,073,239	41,702	16,306	92,491	93,640	65,252	262,850
84	Value of farms.....Of white operators[2].....dollars..1940..	320,546,327	1,250,170	3,497,984	2,996,102	3,258,415	1,241,901	16,840,215
85	(Land and buildings) 1935..	244,607,200	1,978,795	3,048,167	2,189,609	2,879,205	1,289,754	10,237,016
86	1930..	318,770,957	1,843,490	4,928,915	— 3,419,892	3,873,272	1,464,836	12,647,553
87	Of nonwhite operators...dollars..1940..	154,439,735	1,168,367	299,820	1,086,596	1,338,424	549,500	14,386,873
88	1935..	126,231,458	944,803	178,080	748,981	1,025,353	440,474	11,497,149
89	1930..	249,551,108	1,509,799	518,565	1,471,677	1,672,852	900,965	25,134,819

[1] Where there are less than 3 farms reporting, data are included only in the State totals.

[2] Includes Mexicans.

CENSUS OF AGRICULTURE—MISSISSIPPI

1935, AND 1930; FARM LAND ACCORDING TO USE, 1939, 1934, AND 1929; AND VALUE AND MACHINERY, 1940 AND 1930

Calhoun	Carroll	Chickasaw	Choctaw	Claiborne	Clarke	Clay	Coahoma	Copiah	Covington	De Soto	Forrest	Franklin	
3,237	3,745	3,177	2,115	1,800	2,525	2,689	7,758	4,526	2,609	5,536	1,270	1,691	1
3,204	3,929	3,172	2,168	2,230	2,721	2,851	8,147	5,364	2,493	5,443	1,143	2,026	2
3,237	4,372	3,265	2,204	2,053	2,252	2,920	9,319	4,908	2,533	5,437	1,026	1,659	3
378,880	408,320	323,840	266,880	311,040	446,080	264,960	364,800	499,840	266,240	305,920	300,160	363,520	4
71.9	78.1	64.4	75.1	66.5	49.1	71.6	79.7	70.8	70.9	83.3	34.2	42.6	5
272,409	322,828	208,598	200,485	206,829	218,922	189,636	290,789	354,120	188,670	254,902	102,580	154,833	6
250,444	303,407	223,147	190,102	256,083	208,047	222,643	284,313	356,267	177,465	276,437	104,003	209,603	7
237,186	282,823	206,469	195,854	193,642	191,892	176,179	255,733	326,945	180,137	246,960	86,967	163,598	8
84.2	86.2	65.7	94.8	114.9	86.7	70.5	37.5	78.2	72.3	46.0	80.8	91.6	9
78.2	77.2	70.3	87.7	114.8	76.5	78.1	34.9	66.4	71.2	50.8	91.0	103.5	10
73.3	64.7	63.8	88.9	94.3	85.2	60.3	27.4	66.6	71.1	45.4	84.8	98.6	11
3,068	3,642	3,007	2,027	1,762	2,387	2,399	7,731	4,431	2,554	5,367	1,172	1,600	12
3,161	3,810	3,057	2,646	2,053	2,656	2,690	8,125	5,143	2,484	5,253	1,115	1,913	13
3,160	4,182	3,167	2,131	1,950	2,035	2,869	9,282	4,586	2,476	5,132	934	1,555	14
68,848	88,294	66,303	43,627	42,337	51,047	53,509	204,389	76,629	72,430	114,615	26,847	35,481	15
80,561	80,098	77,276	42,678	36,589	53,158	68,966	199,349	74,007	62,396	107,735	25,555	33,770	16
74,260	85,867	79,939	41,616	41,301	46,036	66,295	211,683	71,834	61,199	118,939	20,355	32,145	17
1,752	119	1,457	1,015	53	350	1,089	51	239	30	267	89	84	18
199	133	101	176	151	111	158	171	106	25	132	61	150	19
138	64	90	66	112	78	39	96	80	61	203	31	19	20
25,315	1,799	20,048	9,265	410	2,856	17,015	1,595	1,361	427	2,051	771	708	21
1,328	1,062	1,303	717	1,317	822	2,247	1,772	1,034	117	854	456	832	22
1,003	639	1,063	423	1,343	1,431	549	1,770	764	654	1,760	215	341	23
520	477	410	542	402	437	300	251	786	189	533	215	313	24
326	426	420	623	378	347	352	169	694	299	820	194	248	25
385	588	366	508	278	537	258	84	935	391	819	225	239	26
7,970	14,324	7,247	6,060	5,668	5,112	6,981	9,685	14,336	2,363	11,552	3,278	4,426	27
4,709	12,831	11,099	7,090	10,449	5,643	11,479	6,013	16,603	3,278	18,315	2,367	5,252	28
6,716	10,305	8,991	8,766	7,810	12,258	8,145	1,143	20,508	4,805	12,718	4,934	5,690	29
1,597	1,579	1,747	1,293	859	994	1,394	349	1,648	830	2,109	326	772	30
772	1,067	1,088	869	713	595	1,049	272	1,764	300	1,798	307	662	31
1,313	707	1,071	1,006	459	778	1,184	117	1,410	375	1,766	146	620	32
30,864	69,184	61,994	24,093	45,780	26,618	60,542	7,381	80,138	14,624	65,269	6,971	25,760	33
13,541	27,465	38,348	15,709	50,208	12,580	48,599	7,403	58,963	5,944	55,859	3,249	25,111	34
18,556	16,936	29,300	18,056	21,549	21,064	45,093	2,892	47,221	5,109	39,633	2,442	20,179	35
1,713	1,517	981	1,632	711	1,692	786	512	1,855	1,556	1,632	828	926	36
103,354	74,404	35,608	90,490	63,180	117,141	33,712	46,413	106,733	79,254	34,211	53,222	78,893	37
101,707	91,559	65,182	84,134	115,341	110,719	59,779	50,692	169,851	95,857	48,605	66,190	129,124	38
105,886	75,252	52,146	104,004	93,576	84,624	44,739	30,833	139,022	98,319	36,259	53,088	94,535	39
2,271	2,091	1,404	1,687	1,390	1,728	1,948	6,286	3,493	1,290	3,948	930	1,322	40
36,058	74,823	17,398	26,950	49,454	16,148	17,877	21,326	74,923	19,572	27,204	11,491	9,565	41
48,598	90,382	29,939	39,774	42,179	25,125	31,573	19,064	35,809	9,873	45,069	6,186	15,514	42
30,765	93,824	37,030	22,988	28,063	26,479	11,358	7,412	47,596	10,051	37,651	5,933	10,708	43
3,115	3,643	3,125	2,038	1,763	2,408	2,586	7,732	4,433	2,556	5,368	1,173	1,603	44
94,163	90,093	86,351	52,892	42,747	53,903	70,524	205,984	77,990	72,857	116,666	27,618	36,189	45
81,889	81,160	78,579	43,395	37,906	53,980	71,213	201,121	75,041	62,513	108,589	26,011	34,602	46
75,263	86,506	81,002	42,039	42,644	47,467	66,844	213,453	72,598	61,853	120,699	20,570	32,486	47
3,203	3,721	3,174	2,100	1,798	2,509	2,669	7,749	4,509	2,593	5,516	1,244	1,685	48
.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	49
.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	50
.....	(1)	.....	.....	.....	.....	.....	(1)	.....	.....	.....	.....	.....	51
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53
4,481,710	4,168,275	3,768,786	1,929,517	2,715,447	2,780,659	3,576,026	23,712,807	5,065,094	2,867,510	9,809,702	2,150,661	1,714,028	54
2,588,744	3,415,158	2,751,909	1,394,578	2,744,249	2,014,939	4,035,735	17,345,016	4,521,462	2,764,194	7,510,760	2,123,272	1,637,158	55
4,653,933	4,700,907	4,427,767	2,273,541	3,117,191	3,260,471	4,718,422	26,791,983	7,568,797	4,199,153	10,431,415	2,876,109	2,088,244	56
3,053	3,622	3,070	2,031	1,464	2,432	2,552	7,577	4,401	2,508	5,169	1,242	1,594	57
2,969	3,656	3,118	2,066	1,969	2,182	2,809	8,854	4,577	2,381	4,984	1,000	1,556	58
1,328,641	1,124,421	1,098,732	585,351	656,177	930,057	1,191,395	4,772,338	1,912,366	893,070	2,582,622	887,033	569,593	59
1,592,050	1,282,149	1,433,863	894,886	1,076,730	1,357,421	1,417,526	5,677,904	2,843,139	1,301,125	2,931,857	955,716	672,137	60
1,385	1,113	1,186	912	1,509	1,101	1,330	3,057	1,124	1,099	1,772	1,693	1,014	61
808	869	868	643	1,231	741	1,416	2,129	843	1,109	1,380	1,858	808	62
1,438	1,075	1,356	1,032	1,518	1,448	1,616	2,875	1,542	1,658	1,919	2,803	1,259	63
1,721	1,553	1,770	1,033	2,633	1,393	2,018	13,119	1,776	1,352	3,548	1,962	1,475	64
16.45	12.91	18.07	9.62	13.13	12.70	18.86	81.55	14.36	15.20	38.48	20.97	11.07	65
10.34	11.26	12.33	7.34	10.72	9.69	18.13	61.01	12.69	15.58	27.17	20.42	7.81	66
19.62	16.62	21.24	11.61	16.10	16.99	26.78	104.77	23.15	23.31	42.24	33.07	12.76	67
2,146	3,188	2,377	1,731	870	2,072	2,130	832	3,054	2,304	2,797	1,079	1,444	68
3,158	3,983	3,207	2,018	1,798	1,995	2,595	1,623	3,532	2,218	4,616	846	1,372	69
610,925	372,683	397,581	201,304	230,183	200,479	381,023	1,414,869	424,932	300,929	642,486	189,206	176,119	70
700,789	461,903	499,474	270,165	334,077	236,779	388,240	1,143,284	747,394	300,608	770,162	177,079	236,716	71
2,603	1,508	1,542	1,630	399	1,526	942	788	2,131	1,882	1,221	1,008	1,094	72
2,552	1,610	1,586	1,650	570	1,596	1,080	980	2,655	1,830	1,343	955	1,321	73
2,586	1,720	1,514	1,637	410	1,354	914	879	2,387	1,752	1,125	802	1,013	74
634	2,237	1,635	485	1,401	999	1,747	6,970	2,395	727	4,315	262	597	75
652	2,319	1,586	518	1,660	1,125	1,771	7,157	2,709	663	4,100	188	705	76
651	2,652	1,751	567	1,643	898	2,006	8,440	2,521	781	4,312	224	646	77
247,960	206,626	151,583	166,161	133,394	173,523	117,435	166,751	255,495	155,634	134,362	90,176	130,064	78
227,458	192,948	148,853	158,263	178,682	157,643	152,645	148,228	267,072	144,994	147,179	92,846	178,621	79
212,933	173,536	126,187	160,510	115,079	149,497	104,000	84,848	238,291	142,170	91,110	76,547	136,000	80
24,449	116,202	57,015	34,324	73,435	45,398	72,201	124,038	98,625	33,036	120,540	12,404	24,769	81
22,986	110,459	74,294	31,839	77,401	50,404	69,998	136,085	89,195	32,471	129,258	11,157	30,982	82
24,253	109,287	82,282	35,344	78,563	42,395	72,179	170,885	88,654	37,967	155,850	10,420	27,598	83
4,002,739	2,669,698	2,749,356	1,655,320	1,718,009	2,253,472	2,276,663	12,647,412	3,781,904	2,365,540	5,400,335	1,946,593	1,422,378	84
2,289,291	2,072,061	1,824,370	1,178,555	1,733,738	1,643,441	2,865,958	8,631,654	3,479,865	2,292,115	4,281,081	1,950,992	1,384,832	85
4,055,169	2,702,789	2,672,797	1,913,834	1,639,013	2,610,492	2,872,212	8,762,415	5,653,798	3,325,986	4,351,095	2,567,468	1,621,666	86
478,971	1,498,577	1,019,430	274,197	997,438	527,187	1,298,363	11,065,395	1,303,190	501,870	4,409,367	204,068	291,650	87
299,453	1,343,097	927,539	216,023	1,010,511	371,498	1,169,777	8,713,362	1,041,597	472,079	3,229,679	172,280	252,326	88
596,764	1,998,118	1,754,970	359,707	1,478,178	649,979	1,846,210	18,029,568	1,914,999	873,167	6,080,320	306,641	466,578	89

CENSUS OF AGRICULTURE: 1940

TABLE 20.—AUTOMOBILES ON FARMS—FARMS REPORTING AND NUMBER, WITH YEAR OF LATEST MODEL, BY COLOR AND TENURE OF FARM OPERATOR, BY DIVISIONS AND STATES, APR. 1, 1940

("White" includes Mexicans. "Nonwhite" includes Negroes, Indians, Chinese, Japanese, and all other nonwhite races)

DIVISION OR STATE COLOR AND TENURE	FARMS REPORTING AUTOMOBILES, 1940		Number of automobiles, 1940	FARMS REPORTING YEAR OF LATEST MODEL OF AUTOMOBILE, CENSUS OF 1940														Average year of latest model	Median year of latest model
				Number											Percent distribution				
	Total	Percent of all farms		Total	1940	1939	1938	1937	1936	1935	1934	1933	1932	1931	1930 and earlier	1936 to 1940	1931 to 1935	1930 and earlier		
United States, total	3,542,036	58.1	4,144,136	3,509,217	136,146	217,855	214,600	410,428	405,917	300,561	243,244	151,890	132,458	235,688	1,080,450	39.5	30.3	30.2	1933	1934
Full owners	1,911,851	62.0	2,233,265	1,892,210	82,286	132,711	128,208	258,637	228,547	161,498	127,161	77,083	70,522	116,587	528,970	42.8	29.2	28.0	1933	1935
Part owners	457,401	74.4	575,055	454,547	24,523	36,305	32,919	62,966	58,560	40,438	28,962	16,999	13,478	25,670	113,727	47.4	27.6	25.0	1934	1935
Managers	24,704	68.0	43,421	24,272	2,236	3,052	2,190	3,053	2,775	1,936	1,645	920	887	1,260	4,318	54.8	27.4	17.8	1935	1936
Tenants	1,148,100	48.6	1,292,395	1,138,188	27,101	45,787	51,283	105,772	116,035	96,689	85,476	56,888	47,551	92,171	415,455	30.4	33.3	36.3	1932	1933
Croppers (South only)	97,651	18.0	101,189	96,027	846	1,887	2,452	4,736	6,316	7,119	9,329	5,749	5,151	9,800	42,662	16.9	38.7	44.4	1931	1931
White, total	3,415,657	63.5	4,011,906	3,384,766	134,694	214,885	210,810	402,952	396,032	290,223	230,578	145,936	125,477	224,054	1,011,127	40.2	30.0	29.9	1933	1934
Full owners	1,872,242	64.2	2,191,545	1,853,191	81,562	131,324	126,519	235,540	224,730	157,910	123,320	74,802	68,485	113,337	515,664	43.2	29.0	27.8	1933	1935
Part owners	448,195	77.1	565,087	445,460	24,340	35,976	32,545	62,254	57,730	39,613	28,039	16,405	12,978	24,909	110,671	47.8	27.4	24.8	1934	1935
Managers	24,260	68.1	42,700	23,842	2,201	3,011	2,149	2,999	2,716	1,896	1,617	909	874	1,240	4,230	54.8	27.4	17.7	1935	1936
Tenants	1,070,960	58.1	1,212,576	1,062,275	26,591	44,572	49,597	102,159	110,856	90,804	77,602	51,820	43,142	84,568	380,562	31.4	32.8	35.8	1932	1933
Croppers (South only)	60,802	25.1	63,806	59,857	740	1,530	1,904	3,481	4,266	4,521	5,546	3,315	2,899	6,052	25,603	19.9	37.3	42.8	1932	1931
Nonwhite, total	126,379	17.6	132,230	124,451	1,452	2,972	3,790	7,476	9,885	10,338	12,666	7,954	6,961	11,654	49,325	20.6	39.8	39.6	1932	1932
Full owners	39,589	23.6	41,722	39,019	724	1,387	1,689	3,097	3,817	3,588	3,841	2,281	2,059	3,250	13,306	27.5	38.4	34.1	1932	1933
Part owners	9,206	27.5	9,968	9,087	183	329	374	712	830	825	923	594	500	761	3,056	26.7	39.7	33.6	1932	1933
Managers	444	61.9	721	430	35	41	41	54	59	40	28	11	13	20	88	53.5	26.0	20.5	1934	1936
Tenants	77,140	14.9	79,819	75,915	510	1,215	1,686	3,613	5,179	5,885	7,874	5,068	4,409	7,603	32,875	16.1	40.6	43.3	1931	1931
Croppers (South only)	36,849	12.3	37,383	36,170	106	357	548	1,255	2,050	2,598	3,783	2,434	2,252	3,748	17,059	11.9	40.9	47.2	1931	1931
GEOGRAPHIC DIVISIONS																				
New England, total	84,751	62.7	101,858	85,660	3,511	6,629	6,013	10,562	9,836	6,995	6,307	4,205	4,694	6,549	18,359	43.7	34.4	21.9	1934	1935
Full owners	72,637	62.4	86,097	71,712	2,903	5,624	5,152	9,096	8,444	6,031	5,392	3,560	3,990	5,596	15,924	43.5	34.3	22.2	1934	1935
Part owners	5,277	74.7	6,995	5,229	316	529	403	747	661	395	361	258	280	365	914	50.8	31.7	17.5	1934	1936
Managers	980	59.0	1,959	955	122	173	107	143	97	70	49	29	35	38	92	67.2	23.1	9.6	1936	1937
Tenants	5,857	58.3	6,827	5,764	170	303	351	576	634	499	505	358	389	550	1,429	35.3	39.9	24.8	1933	1934
White, total	84,506	62.8	101,613	85,436	3,507	6,619	6,005	10,535	9,810	6,955	6,293	4,192	4,672	6,527	18,321	43.7	34.3	22.0	1934	1935
Full owners	72,437	62.5	85,878	71,513	2,899	5,615	5,144	9,073	8,421	5,998	5,378	3,548	3,971	5,576	15,890	43.6	34.2	22.2	1934	1935
Part owners	5,269	74.7	6,986	5,221	316	529	403	746	659	394	361	257	279	365	912	50.8	31.7	17.5	1934	1936
Managers	979	59.2	1,938	954	122	173	107	143	97	70	49	29	35	38	91	67.3	23.2	9.5	1936	1937
Tenants	5,821	58.6	6,811	5,748	170	302	351	573	633	493	505	358	387	548	1,428	35.3	39.9	24.8	1933	1934
Nonwhite, total	225	40.0	245	224	4	10	8	27	26	40	14	13	22	22	38	33.5	49.6	17.0	1933	1935
Full owners	200	42.0	219	199	4	9	8	23	23	33	14	12	19	20	34	33.7	49.2	17.1	1933	1935
Part owners	8	66.7	9	8	—	—	—	1	2	1	—	1	1	—	2	37.5	37.5	25.0	1932	(1)
Managers	1	14.3	1	1	—	—	—	—	—	—	—	—	—	1	—	—	—	100.0	1929	(1)
Tenants	16	23.5	16	16	—	1	—	3	1	6	—	—	2	2	1	31.2	62.5	6.2	1934	(1)
Middle Atlantic, total	257,211	73.9	321,929	254,400	10,864	16,809	17,246	33,400	31,517	21,259	18,712	13,562	14,383	18,186	58,462	43.2	33.8	23.0	1933	1935
Full owners	197,109	73.2	243,298	194,945	8,402	13,034	13,483	25,944	23,940	16,085	14,131	10,141	10,826	13,585	45,378	43.5	33.2	23.3	1933	1935
Part owners	20,434	83.6	27,948	20,276	1,138	1,740	1,581	3,054	2,802	1,771	1,356	1,030	957	1,233	3,614	50.9	31.3	17.8	1934	1936
Managers	2,659	70.2	5,001	2,616	218	299	264	355	508	196	200	115	125	138	398	55.2	29.6	15.2	1935	1936
Tenants	37,009	73.0	45,682	36,563	1,106	1,736	1,918	4,047	4,467	3,209	3,025	2,276	2,475	3,232	9,072	36.3	38.9	24.8	1933	1934
White, total	256,492	74.0	321,072	253,697	10,846	16,775	17,203	33,359	31,452	21,205	18,657	13,512	14,327	18,117	58,264	43.2	33.8	23.0	1933	1935
Full owners	196,605	73.3	242,699	194,451	8,389	13,011	13,455	25,901	23,893	16,050	14,100	10,106	10,784	13,530	45,232	43.5	33.2	23.3	1933	1935
Part owners	20,388	83.6	27,888	20,230	1,137	1,736	1,575	3,051	2,798	1,767	1,549	1,027	954	1,230	3,604	50.9	31.3	17.8	1934	1936
Managers	2,650	70.3	4,984	2,607	217	297	264	354	306	196	138	115	125	138	397	55.2	29.6	15.2	1935	1936
Tenants	36,849	73.1	45,501	36,409	1,103	1,729	1,909	4,033	4,455	3,192	3,010	2,264	2,464	3,219	9,031	36.3	38.9	24.8	1933	1934
Nonwhite, total	719	53.8	857	703	18	34	43	61	65	54	55	50	56	69	198	31.4	40.4	28.2	1933	1933
Full owners	504	51.2	599	494	13	23	28	43	47	33	31	35	42	53	146	31.2	39.3	29.6	1933	1933
Part owners	46	78.0	60	46	1	2	6	3	4	4	7	3	5	3	10	34.8	43.5	21.7	1933	(1)
Managers	9	56.2	17	9	1	2	—	1	2	—	2	—	—	—	1	66.7	22.2	11.1	1935	(1)
Tenants	160	57.8	181	154	3	7	9	14	12	17	15	12	11	13	41	29.2	44.2	26.6	1933	1933
East North Central, total	824,036	81.9	984,425	817,306	34,487	49,808	48,927	114,282	106,781	73,197	52,141	33,111	29,820	49,161	225,591	43.3	29.1	27.6	1933	1935
Full owners	480,361	79.4	567,766	475,911	21,131	30,593	29,217	67,147	61,583	41,232	28,943	18,119	16,884	26,642	134,420	44.1	27.7	28.2	1933	1935
Part owners	102,328	89.1	130,299	101,753	5,461	7,591	7,064	16,523	14,605	9,505	6,276	3,661	3,134	5,587	22,546	50.4	27.5	22.2	1934	1936
Managers	4,766	81.5	7,927	4,705	349	500	347	550	559	429	303	214	203	278	973	49.0	30.3	20.7	1934	1935
Tenants	236,581	84.4	278,433	234,937	7,546	11,124	12,299	30,062	30,034	22,231	16,619	11,117	9,599	16,654	67,652	38.8	32.4	28.8	1933	1934
White, total	822,286	82.0	982,490	815,585	34,459	49,750	48,871	114,170	106,628	73,078	51,994	33,036	29,723	49,028	224,848	43.4	29.0	27.6	1933	1935
Full owners	479,284	79.5	566,591	474,849	21,110	30,557	29,178	67,075	61,491	41,162	28,859	18,073	16,823	26,556	133,965	44.1	27.7	28.2	1933	1935
Part owners	102,133	89.2	130,071	101,563	5,460	7,584	7,062	16,512	14,589	9,293	6,260	3,654	3,122	5,570	22,457	50.4	27.5	22.1	1934	1936
Managers	4,756	81.5	7,910	4,695	348	499	347	549	556	428	302	214	202	277	973	49.0	30.3	20.7	1934	1935
Tenants	236,115	84.5	277,918	234,478	7,541	11,110	12,284	30,034	29,992	22,195	16,573	11,095	9,576	16,625	67,453	38.8	32.4	28.8	1933	1934
Nonwhite, total	1,748	52.5	1,935	1,721	28	58	56	112	153	119	147	75	97	133	743	23.6	33.2	43.2	1932	1931
Full owners	1,077	52.6	1,175	1,062	21	36	39	72	92	70	84	46	61	86	455	24.5	32.7	42.8	1932	1931
Part owners	195	60.6	228	190	1	7	2	11	16	12	16	7	12	17	89	19.5	33.7	46.8	1931	1931
Managers	10	76.9	17	10	1	1	—	1	3	1	1	—	1	1	—	60.0	40.0	—	1935	(1)
Tenants	466	49.3	515	459	5	14	15	28	42	36	46	22	23	29	199	22.7	34.0	43.4	1932	1932
West North Central, total	889,505	81.6	1,042,833	885,100	28,449	49,356	51,705	92,935	94,258	75,642	50,897	35,082	27,979	61,509	321,288	35.8	27.9	36.3	1933	1933
Full owners	347,011	77.6	406,849	344,855	12,270	22,079	22,669	38,646	37,603	27,896	18,486	11,916	10,640	22,119	120,531	38.6	26.4	35.0	1933	1934
Part owners	158,548	89.9	198,658	158,015	7,069	11,064	11,268	19,913	19,285	14,149	9,099	5,348	4,229	9,293	47,298	43.4	26.7	29.9	1933	1935
Managers	3,712	79.6	5,494	3,656	178	290	235	348	336	293	257	150	160	273	1,136	57.9	31.0	31.1	1933	1934
Tenants	380,234	82.2	431,832	378,574	8,932	15,923	17,533	34,028	37,034	31,304	23,055	15,668	12,950	29,824	152,323	30.0	29.8	40.2	1932	1932
White, total	886,577	81.9	1,039,743	882,184	28,403	49,271	51,627	92,777	94,064	73,446	50,700	32,949	27,836	61,288	319,823	35.8	27.9	36.3	1933	1933
Full owners	345,705	77.9	405,481	343,554	12,257	22,036	22,643	38,591	37,534	27,820	18,417	11,863	10,583	22,010	119,800	38.7	26.4	34.9	1933	1934
Part owners	158,151	90.1	198,226	157,619	7,060	11,050	11,247	19,883	19,257	14,125	9,074	5,327	4,201	9,267	47,128	43.5	26.6	29.9	1933	1935
Managers	3,696	79.7	5,469	3,641	176	287	235	348	334	291	257	150	160	272	1,131	57.9	31.0	31.1	1933	1934
Tenants	379,025	82.6	430,567	377,370	8,910	15,898	17,502	33,955	36,939	31,210	22,952	15,609	12,892	29,739	151,764	30.0	29.8	40.2	1932	1932
Nonwhite, total	2,928	39.2	3,090	2,916	46	85	78	158	194	196	197	133	143	221	1,465	19.2	30.5	50.2	1931	[2] 1930
Full owners	1,306	39.6	1,368	1,301	13	43	26	55	69	76	69	53	57	109	731	15.8	28.0	56.2	1931	[2] 1930
Part owners	397	58.2	432	396	9	14	21	30	28	24	25	21	28	26	170	25.8	31.3	42.9	1932	1932
Managers	16	66.7	25	15	2	3	—	—	2	2	—	—	—	1	5	46.7	20.0	33.3	1934	(1)
Tenants	1,209	34.8	1,265	1,204	22	25	31	73	95	94	103	59	58	85	559	20.4	33.1	46.4	1931	1931

1 Median not shown where there are less than 50 farms reporting year of latest model. 2 1930 or earlier.

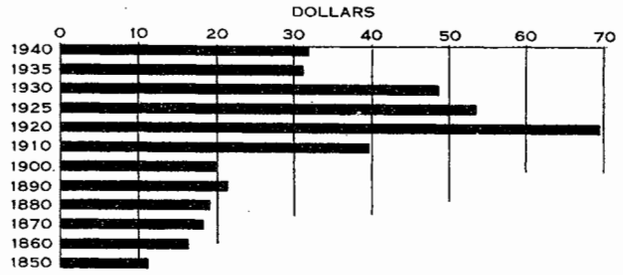
TABLE 20.—AUTOMOBILES ON FARMS—FARMS REPORTING AND NUMBER, WITH YEAR OF LATEST MODEL, BY COLOR AND TENURE OF FARM OPERATOR, BY DIVISIONS AND STATES, APR. 1, 1940—Continued

("White" includes Mexicans. "Nonwhite" includes Negroes, Indians, Chinese, Japanese, and all other nonwhite races)

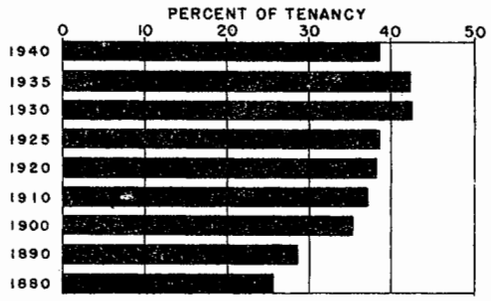
DIVISION OR STATE COLOR AND TENURE	FARMS REPORTING AUTOMOBILES, 1940		Number of automobiles, 1940	FARMS REPORTING YEAR OF LATEST MODEL OF AUTOMOBILE, CENSUS OF 1940														Average year of latest model	Median year of latest model
				Number											Percent distribution				
	Total	Percent of all farms		Total	1940	1939	1938	1937	1936	1935	1934	1933	1932	1931	1930 and earlier	1936 to 1940	1931 to 1935	1930 and earlier	
GEOGRAPHIC DIVISIONS—Continued																			
South Atlantic, total	420,094	41.2	467,458	415,208	16,025	27,744	25,658	43,014	42,285	36,907	36,577	20,188	17,572	36,150	111,090	37.4	35.7	26.9	1933	1934
Full owners	251,401	48.4	285,349	247,401	12,105	20,736	18,566	30,129	28,596	22,909	20,819	10,985	9,581	18,068	54,907	44.5	33.3	22.2	1934	1935
Part owners	31,566	48.9	36,467	31,152	1,535	2,420	1,911	3,573	3,255	2,791	2,660	1,499	1,222	2,659	7,627	40.7	34.8	24.5	1933	1934
Managers	3,417	57.0	6,068	3,320	371	497	331	436	395	287	250	120	113	148	372	61.1	27.7	11.2	1935	1936
Tenants	133,710	31.1	141,574	131,335	2,014	4,091	4,850	8,876	10,037	10,920	12,848	7,584	6,656	15,275	48,184	22.7	40.6	36.7	1932	1932
Croppers	45,626	25.7	47,342	44,735	446	960	1,255	2,286	2,728	3,425	4,564	2,605	2,299	5,377	18,790	17.2	40.8	42.0	1931	1931
White, total	360,105	45.7	405,559	354,264	15,537	26,709	24,222	40,022	38,331	31,902	30,381	16,227	14,169	29,107	87,657	40.9	34.4	24.7	1933	1934
Full owners	233,107	51.0	264,286	229,376	11,854	20,236	17,879	28,773	26,955	21,100	18,900	9,824	8,555	16,192	49,108	46.1	32.5	21.4	1934	1935
Part owners	27,189	54.1	31,871	26,845	1,483	2,323	1,772	3,281	2,907	2,367	2,184	1,169	961	2,193	6,205	43.8	33.1	23.1	1934	1935
Managers	5,317	57.3	5,911	5,230	563	492	320	426	384	273	243	115	111	145	358	61.5	27.5	11.1	1935	1936
Tenants	96,492	35.1	103,491	94,813	1,837	3,658	4,251	7,542	8,081	8,162	9,054	5,119	4,542	10,577	31,986	26.8	39.5	33.7	1932	1933
Croppers	26,612	29.1	27,947	26,119	382	780	1,000	1,721	1,898	2,203	2,725	1,401	1,196	2,964	9,849	22.1	40.2	37.7	1932	1932
Nonwhite, total	59,989	26.0	61,899	58,944	488	1,035	1,436	2,992	3,952	5,005	6,196	3,961	3,403	7,043	23,433	16.8	43.4	39.8	1931	1931
Full owners	18,294	29.6	19,063	18,025	251	500	687	1,356	1,641	1,809	1,919	1,161	1,026	1,876	5,799	24.6	43.2	32.2	1932	1933
Part owners	4,377	30.7	4,596	4,307	52	97	139	292	348	424	476	330	261	466	1,422	21.5	45.4	33.0	1932	1933
Managers	100	48.5	157	90	8	5	11	10	11	14	7	5	2	3	14	50.0	34.4	15.6	1935	1935
Tenants	37,218	24.1	38,083	36,522	177	433	599	1,334	1,952	2,758	3,794	2,465	2,114	4,698	16,198	12.3	43.3	44.4	1931	1931
Croppers	19,014	22.2	19,395	18,616	64	180	255	565	830	1,222	1,839	1,204	1,103	2,413	8,941	10.2	41.8	48.0	1931	1931
East South Central, total	267,240	26.1	288,107	263,113	9,566	16,281	15,390	26,964	27,941	22,748	21,661	12,196	10,857	18,843	80,686	36.5	32.8	30.7	1933	1934
Full owners	161,721	36.2	175,759	159,289	7,378	12,199	11,264	18,965	18,729	14,296	12,466	6,584	5,868	10,162	41,378	43.0	31.0	26.0	1933	1935
Part owners	21,432	35.1	23,676	21,147	885	1,432	1,167	2,320	2,233	1,813	1,687	950	784	1,591	6,287	38.0	32.3	29.7	1933	1934
Managers	1,310	56.3	2,167	1,278	194	259	174	179	112	79	74	33	24	50	100	71.8	20.3	7.8	1936	1937
Tenants	82,777	16.1	86,505	81,399	1,111	2,391	2,785	5,500	6,867	6,560	7,434	4,629	4,161	7,040	32,921	22.9	36.6	40.4	1932	1932
Croppers	28,423	12.3	29,342	27,986	203	531	706	1,469	2,130	2,147	2,666	1,696	1,597	2,455	12,386	18.0	37.7	44.3	1931	1931
White, total	240,151	31.7	260,624	236,450	9,388	15,773	14,642	25,248	25,366	20,412	18,584	10,397	9,295	17,117	70,228	38.2	32.1	29.7	1933	1934
Full owners	154,690	38.0	168,552	152,388	7,280	11,982	10,971	18,335	17,959	13,651	11,750	6,205	5,544	9,763	38,968	43.6	30.8	25.6	1933	1935
Part owners	19,967	38.1	22,165	19,696	857	1,383	1,120	2,200	2,046	1,683	1,522	871	710	1,514	5,790	38.6	32.0	29.4	1933	1934
Managers	1,279	56.9	2,132	1,247	192	254	170	172	110	76	71	33	24	50	95	72.0	20.4	7.6	1936	1937
Tenants	64,215	21.7	67,775	63,119	1,059	2,154	2,381	4,541	5,271	5,002	5,241	3,288	3,017	5,790	25,375	24.4	35.4	40.2	1932	1932
Croppers	17,247	18.1	18,081	16,982	184	416	496	973	1,223	1,226	1,369	885	884	1,693	7,633	19.4	35.7	44.9	1931	1931
Nonwhite, total	27,089	10.2	27,483	26,663	178	508	748	1,716	2,575	2,336	3,077	1,799	1,542	1,726	10,458	21.5	39.3	39.2	1932	1932
Full owners	7,031	17.4	7,207	6,901	98	217	293	630	790	645	716	379	324	399	2,410	29.4	35.7	34.9	1932	1933
Part owners	1,465	16.9	1,511	1,451	26	49	47	120	187	150	165	79	74	77	497	29.6	36.2	34.3	1932	1933
Managers	31	38.3	35	31	2	5	4	7	2	3	3	—	—	—	5	64.5	19.4	16.1	1935	(1)
Tenants	18,562	8.5	18,730	18,280	52	237	404	959	1,596	1,558	2,193	1,341	1,144	1,250	7,546	17.8	41.0	41.3	1931	1932
Croppers	11,176	8.2	11,261	11,004	19	115	210	496	907	921	1,297	811	713	762	4,753	15.9	40.9	43.2	1931	1931
West South Central, total	429,405	44.5	473,495	425,168	16,138	24,225	24,757	40,543	45,095	35,823	35,059	23,303	16,217	26,430	137,578	35.5	32.2	32.4	1933	1934
Full owners	179,414	49.7	198,865	177,513	8,692	13,194	13,084	19,653	21,119	15,382	14,017	8,595	5,894	9,171	48,712	42.7	29.9	27.4	1933	1935
Part owners	56,572	62.2	67,378	56,091	3,653	4,994	4,503	7,426	6,980	5,092	4,280	2,572	1,592	2,569	12,440	49.1	28.7	22.2	1934	1935
Managers	3,104	59.0	5,289	3,050	342	389	279	370	335	246	221	130	89	124	525	56.2	26.6	17.2	1935	1936
Tenants	190,315	37.5	201,963	188,514	3,451	5,648	6,891	13,094	16,661	15,113	16,541	12,006	8,642	14,566	75,901	24.3	35.5	40.3	1932	1932
Croppers	23,602	17.9	24,505	23,306	197	396	491	981	1,458	1,547	2,099	1,448	1,235	1,968	11,486	15.1	35.6	49.3	1931	1931
White, total	404,514	51.8	447,990	400,587	15,840	25,650	24,064	39,291	43,208	33,911	32,631	21,676	14,853	24,490	126,973	36.5	31.9	31.7	1933	1934
Full owners	171,840	53.4	190,999	170,022	8,514	12,872	12,724	19,115	20,317	14,749	13,270	8,118	5,538	8,680	46,125	43.3	29.6	27.1	1933	1935
Part owners	54,562	66.1	65,254	54,105	5,613	4,922	4,419	7,278	6,815	4,900	4,086	2,441	1,492	2,426	11,713	50.0	28.4	21.6	1934	1935
Managers	3,068	59.2	5,235	3,014	339	386	274	364	326	245	219	130	89	124	518	56.0	26.8	17.2	1935	1936
Tenants	175,044	47.1	186,502	173,446	3,374	5,470	6,647	12,534	15,750	14,017	15,056	10,987	7,734	13,260	68,617	25.2	35.2	39.6	1932	1932
Croppers	16,943	30.5	17,778	16,756	174	334	408	787	1,145	1,092	1,452	1,029	819	1,395	8,121	17.0	34.5	48.5	1951	1951
Nonwhite, total	24,891	13.6	25,505	24,581	298	575	693	1,252	1,887	1,912	2,428	1,627	1,364	1,940	10,605	19.1	37.7	43.1	1951	1951
Full owners	7,574	19.2	7,866	7,491	178	322	360	538	802	633	747	477	356	491	2,587	29.4	36.1	34.5	1952	1933
Part owners	2,010	23.9	2,124	1,986	40	72	84	148	165	182	194	131	100	143	727	25.6	37.8	36.6	1932	1933
Managers	36	45.2	54	36	3	3	5	6	9	1	2	—	—	—	7	72.2	8.3	19.4	1935	(1)
Tenants	15,271	11.3	15,461	15,068	77	178	244	560	911	1,096	1,485	1,019	908	1,306	7,284	13.1	38.6	48.3	1951	1931
Croppers	6,659	8.7	6,727	6,550	23	62	83	194	313	455	647	419	416	575	3,365	10.3	38.3	51.4	1931	[2] 1930
Mountain, total	154,330	66.1	184,210	153,154	7,701	12,161	10,288	20,103	20,729	13,716	9,904	5,193	3,953	7,635	41,771	46.3	26.4	27.3	1934	1935
Full owners	75,910	59.2	88,449	75,277	3,610	5,761	5,160	10,170	10,194	6,660	4,807	2,449	1,965	3,572	20,929	46.4	25.8	27.8	1933	1935
Part owners	34,873	76.6	43,894	34,649	2,574	3,883	2,799	4,903	4,949	3,154	1,928	973	674	1,299	7,513	55.1	23.2	21.7	1934	1936
Managers	1,531	66.2	2,967	1,514	188	274	143	205	200	95	94	27	36	58	194	66.7	20.5	12.8	1935	1937
Tenants	42,016	73.2	48,900	41,714	1,329	2,243	2,186	4,825	5,386	3,807	3,075	1,744	1,278	2,706	13,135	39.3	30.2	31.5	1933	1934
White, total	152,001	70.3	181,676	150,870	7,615	12,010	10,132	19,870	20,479	13,542	9,735	5,116	3,858	7,504	41,009	46.5	26.4	27.2	1934	1935
Full owners	74,301	66.1	86,813	73,783	3,558	5,682	5,068	10,045	10,061	6,554	4,684	2,400	1,890	3,478	20,363	46.6	25.8	27.6	1933	1935
Part owners	34,621	77.0	43,618	34,398	2,565	3,843	2,777	4,875	4,917	3,135	1,911	969	666	1,288	7,452	55.2	23.2	21.7	1934	1936
Managers	1,523	66.4	2,947	1,506	186	274	145	204	198	95	93	27	36	58	192	66.7	20.5	12.7	1935	1937
Tenants	41,476	73.4	48,298	41,183	1,306	2,211	2,144	4,746	5,303	3,758	3,047	1,720	1,266	2,680	13,002	38.1	30.3	31.6	1933	1934
Nonwhite, total	2,329	13.5	2,534	2,284	86	151	156	233	250	174	169	77	95	131	762	38.4	28.3	33.4	1933	1934
Full owners	1,529	9.7	1,656	1,494	52	79	92	125	133	106	123	49	75	94	566	32.2	29.9	37.9	1932	1935
Part owners	252	48.6	276	251	9	40	22	28	32	19	17	4	8	11	61	52.2	23.5	24.3	1934	1936
Managers	8	50.0	20	8	2	—	—	1	2	—	1	—	—	—	2	62.5	12.5	25.0	1934	(1)
Tenants	540	58.7	602	531	23	32	42	79	83	49	28	24	12	26	133	48.8	26.2	25.0	1934	1935
Pacific, total	215,484	78.0	279,821	214,108	9,405	14,842	14,616	28,625	27,477	16,274	11,986	7,050	6,983	11,225	65,625	44.4	25.0	30.7	1933	1935
Full owners	146,267	76.9	182,833	145,307	5,795	9,491	9,613	18,887	18,339	11,009	8,100	4,734	4,874	7,674	46,791	42.3	25.0	32.2	1933	1935
Part owners	26,371	87.0	39,740	26,235	1,894	2,652	2,223	4,507	3,790	1,978	1,315	708	606	1,074	5,488	57.4	21.7	20.9	1934	1936
Managers	3,225	71.6	6,569	3,178	274	371	310	467	433	241	197	102	102	153	528	58.4	25.0	16.6	1935	1936
Tenants	39,621	77.5	50,679	39,388	1,442	2,328	2,470	4,764	4,915	3,046	2,374	1,506	1,401	2,324	12,818	40.4	27.0	32.5	1933	1934
White, total	209,023	78.2	271,139	207,693	9,099	14,326	14,044	27,700	26,694	15,772	11,605	6,851	6,744	10,876	64,004	44.2	25.0	30.8	1933	1935
Full owners	144,193	77.1	180,244	143,255	5,701	9,333	9,457	18,652	18,119	10,826	7,962	4,665	4,795	7,552	46,213	42.8	25.0	32.3	1933	1935
Part owners	25,915	87.1	39,008	25,783	1,849	2,604	2,170	4,428	3,742	1,949	1,292	690	593	1,056	5,410	57.4	21.6	21.0	1934	1936
Managers	2,992	70.8	6,174	2,948	258	349	289	439	405	222	185	96	92	138	475	59.0	24.9	16.1	1935	1936
Tenants	33,923	77.8	45,713	35,707	1,291	2,040	2,128	4,201	4,428	2,775	2,164	1,380	1,264	2,130	11,906	39.5	27.2	33.3	1933	1934
Nonwhite, total	6,461	72.9	8,682	6,415	306	516	572	925	783	502	383	219	239	349	1,621	48.4	26.4	25.3	1934	1935
Full owners	2,074	67.5	2,589	2,052	94	158	156	255	220	183	138	69	79	122	578	43.0	28.8	28.2	1933	1935
Part owners	456	80.4	732	452	45	48	53	79	48	29	23	18	15	15	78	60.4	22.3	17.3	1935	1936
Managers	235	54.4	395	230	16	22	21	28	28	19	12	6	10	15	53	50.0	27.0	23.0	1934	1935
Tenants	3,698	74.9	4,966	3,681	151	288	342	563	487	271	210	126	137	194	912	49.7	25.5	24.8	1934	1935
NEW ENGLAND																				
Maine, total	22,701	58.2	25,540	22,448	633	1,302	1,236	2,468	2,407	1,635	1,711	1,009	1,316	2,179	6,552	35.8	35.0	29.2	1933	1934
White	22,694	58.2	25,532	22,441	633	1,302	1,236	2,468	2,407	1,633	1,710	1,009	1,316	2,177	6,550	35.9	35.0	29.2	1933	1934
Nonwhite	7	38.9	8	7	—	—	—	—	—	2	1	—	—	2	2	—	71.4	28.6	1951	(1)
Full owners	20,373	58.4	22,620	20,141	557	1,160	1,106	2,228	2,171	1,465	1,520	893	1,171	1,952	5,918	35.9	34.8	29.4	1933	1934
Part owners	930	88.2	1,121	925	48	81	56	120	109	63	65	40	54	94	195	44.8	34.2	21.1	1934	1935
Managers	120	56.9	204	117	8	17	13	28	11	6	9	2	7	2	14	65.8	22.2	12.0	1935	1937
Tenants	1,278	50.7	1,395	1,265	20	44	61	92	116	101	117	74	84	131	425	26.3	40.1	33.6	1932	1932

1 Median not shown where there are less than 50 farms reporting year of latest model. 2 1930 or earlier.

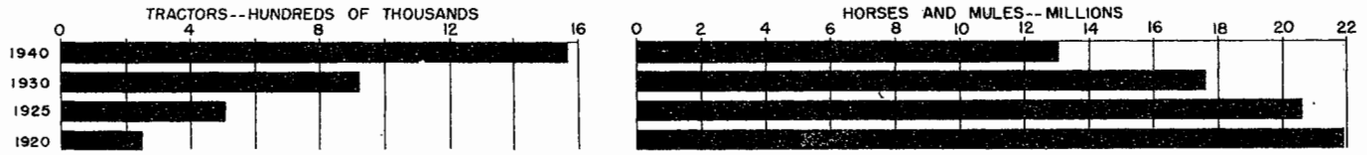
AVERAGE VALUE OF LAND AND BUILDINGS, PER ACRE, FOR THE UNITED STATES: 1850 - 1940



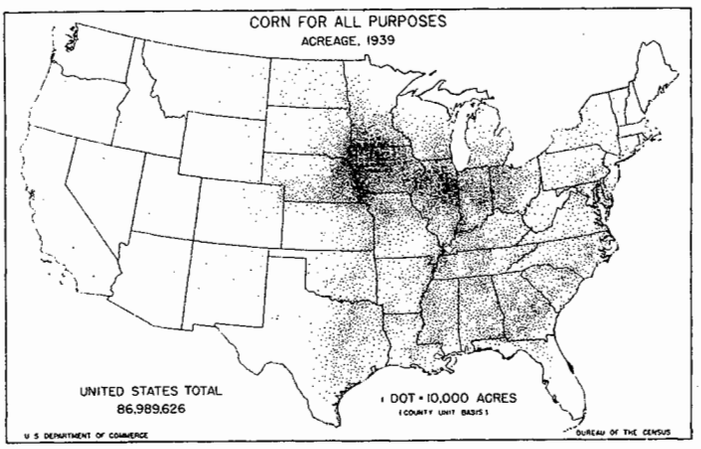
PERCENT OF TENANCY, FOR THE UNITED STATES: 1880 - 1940

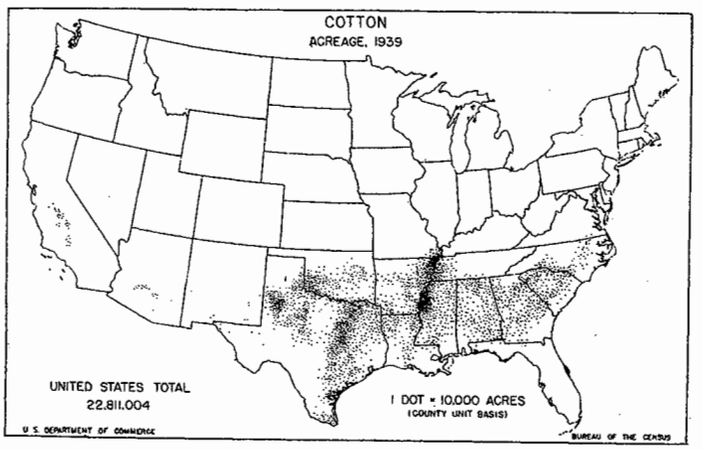


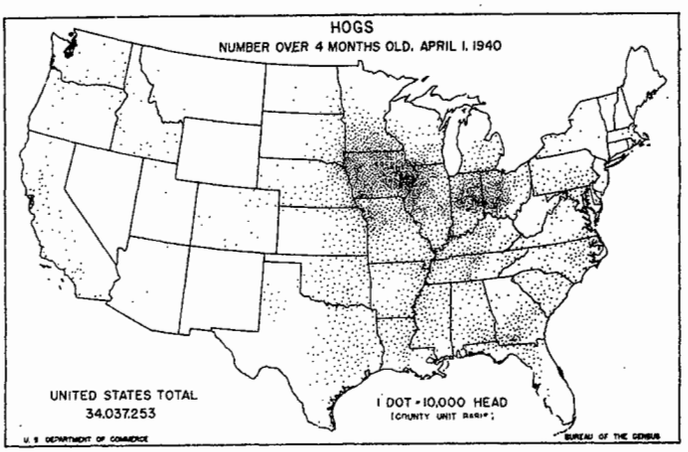
NUMBER OF TRACTORS AND WORK STOCK* ON FARMS, FOR THE UNITED STATES: 1920 - 1940

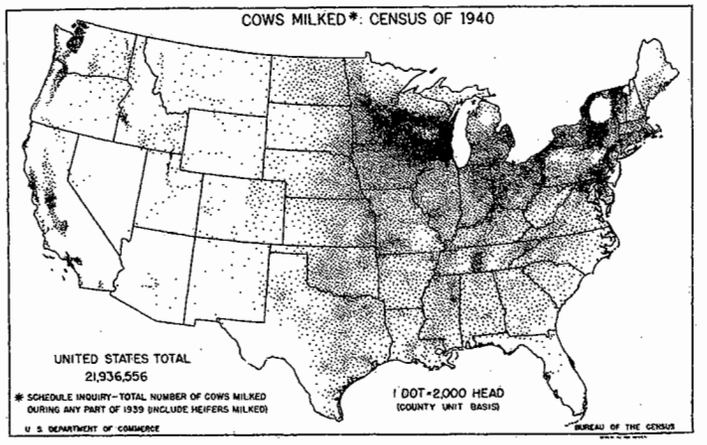


* FOR 1940 AND 1930, HORSES AND MULES OVER 27 MONTHS; FOR 1925 AND 1920, HORSES AND MULES 2 YEAR OLD AND OVER.









CENSUSES OF PLANTATIONS, IRRIGATION, DRAINAGE, AND UNITED STATES TERRITORIES AND POSSESSIONS

The foregoing procedures relate to the compilation of the statistics for farms in the continental United States as enumerated on the Farm and Ranch Schedule at the 1940 Census. The procedures used for the compilation of the censuses of plantations, irrigation, drainage, and the farm censuses of the United States territories and possessions were similar to those which have been outlined for the farm census of the continental United States. Therefore, only the schedules and cards used for these censuses are shown on the succeeding pages. The results of the 1940 Agriculture Census of Alaska, American Samoa, Guam, and the Virgin Islands were tabulated by hand, therefore no cards were designed for these schedules.

CONFIDENTIAL CENSUS REPORT: Your report is required by Act of Congress. This Act also makes it unlawful for the Bureau to disclose any facts, including names or identity, from your census reports. Only sworn census employees will see your statements. Data collected will be used solely for preparing statistical information concerning the Nation's population, resources, and business activities. Your Census Reports Cannot Be Used for Purposes of Taxation, Regulation, or Investigation.

16-243

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

SIXTEENTH CENSUS OF THE UNITED STATES: 1940

PLANTATION
(Multiple-Farm Unit)
SCHEDULE
(Supplemental to the Farm and Ranch Schedule)

Inventory Items, April 1, 1940 — Production Items, Calendar Year 1939

This supplementary schedule is required from any landlord, manager, or operator of a plantation (multiple-farm unit), operated as one working unit on which five or more farm families (including at least one cropper or tenant family) are regularly employed. A listing is necessary hereon for the "home farm" and for each cropper or tenant. A general Farm and Ranch Schedule is required for each operation listed on this supplemental; that is, one for the "home farm" and one for each cropper or tenant. Thus, this summary does not replace the general schedule.

It is recognized that some landlords, managers, or operators will live in a city, town, or village more or less distant from the farming operations.

APRIL 1, 1940

1. Name of person
2. Address (Street or Route No.) (Post office) (State)
3. Age
4. Color or race: (Place a check (✓) in proper block.) [ ] 1. White [ ] 2. Nonwhite
5. Principal occupation (Farmer, merchant, banker, teacher, lawyer, doctor, etc.) and Industry (Farm, general store, bank, public school, general practice, etc.)
6. Do you reside on a farm MOST of the year? (Yes or No)

7. How many acres of land covered by this supplementary schedule are—
   (a) Owned by you? ..... Acres
   (b) Leased by you from others? ... Acres
   (c) Managed by you for others? ... Acres
8. If any land covered by this supplementary schedule is rented by you from others or is managed by you for others, give names and addresses of the owners of the land.
   Name
   Address (Street or Route No.) (Post office) (State)
   Name
   Address (Street or Route No.) (Post office) (State)
   (a) On the rented land, what did you agree to pay as rent for the year?

If you own all or part of the land covered by this supplementary schedule—

9. Was there any mortgage debt on the land and buildings so owned on April 1, 1940? (Yes or No)

If mortgaged—

10. How many acres were covered by mortgage? Acres
11. Total amount of outstanding mortgage debt on such land and buildings $ (Omit cents)
12. What was the annual rate (contract rate) of interest on the first mortgage debt? (Report fractions.) (Percent)

If you own all or part of the land covered by this supplementary schedule—

13. Give amount of taxes levied in 1939 on the REAL ESTATE of this plantation owned by you on April 1, 1940 (include buildings and other improvements, but do not include taxes levied by drainage or irrigation districts) $ (Omit cents)
14. Give amount of taxes levied in 1939 on PERSONAL property owned by you on this plantation (include livestock, machinery, etc., but do not include automobile taxes, fees, or licenses) $ (Omit cents)
15. Number of tractors on land covered by this supplementary schedule: (a) Owned by you (Number) (b) Owned by tenants (Number)

ENUMERATOR'S RECORD AND CERTIFICATE

State ..... County .....

E. D. No. .....
Minor Civil Division (Give name, also class, as township, town, ward, precinct, district, beat, etc.)

If any part of this unit is in another Minor Civil Division, give location and acreage—

M. C. D.	COUNTY	ACRES

Enumeration completed by me at ... {A. M. / P. M.} on the ..... day of ....., 1940.

(Signed) ..... *Enumerator.*

16. Number of cropper, tenant, and wage-hand dwellings on the land covered by this supplementary schedule:
   (a) Occupied (Number) (b) Unoccupied (Number)
17. How many families were regularly employed in 1939 on the land covered by this supplementary schedule, and to how many of these families did you furnish credit or supplies?

	Number of families regularly employed (Families)	Number of families furnished credit or supplies (Families)
(a) Cropper families		
(b) Other tenant families		
(c) Wage-hand families		

18. Approximately how much did you furnish to the families regularly employed on the land covered by this supplementary schedule in 1939 in the way of advances?
   (a) Cash $ (Omit cents)
   (b) Value of fertilizer (advanced for cropper and tenant account) $ (Omit cents)
   (c) Value of groceries and all other supplies advanced $ (Omit cents)
19. Do you own any land in addition to that shown under Question 7 (a)? (Yes or No)
   (a) If so, how many acres of such land are used or are to be used this year for agricultural purposes? Acres
   (b) Give location of acreage reported under Question 19 (a):
   State ..... County .....

Permanent schedule number (For office use only)	ITEM OR NAME	E. D. No.	Farm visitation No.	For each cropper or tenant (include whether you furnish—) All work animals (Yes or No)	Any tractor power (Yes or No)	Acreage distribution: Total acres April 1, 1940 (All the land for the entire holding should be accounted for—whether cropped, idle, in pasture, in woods, or waste)	Acres from which crops were harvested in 1939	Acres assigned to croppers or tenants for the growing of crops or for pasture for which no rent is charged	Value of land and buildings, April 1, 1940	Land cash-rented to tenants: Acres	Total amount of rent for each cash tenant	Harvested in 1939: Cotton: Acres (report fractional acreage)	Cotton: Running square bales (report fractional bales)	Cotton: Your proportionate share of crop	Corn: Acres	Corn: Your proportionate share of crop	Tobacco or rice (underline which): Acres (report fractional acreage)	Tobacco or rice (underline which): Your proportionate share of crop	Number of livestock, April 1, 1940 (whether owned by you or not) Mules, horses, and cattle should be fully accounted for whether kept on "home farm," on cropper- or tenant-operated farms, on open ranges, or in town barn lots. Livestock kept on open ranges should be reported for the "home farm" or for the cropper or tenant who owns them. Horses	Mules	Cattle
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
x x x x	A. Total for lines "B" and "C"	x x	x x	x x	x x			x x x	$	x x x	x x x x			x x		x x		x x			
	B. Home farm[3]			x x	x x			x x x	$	x x x	x x x x			x x		x x		x x			
x x x x	C. Total for croppers and tenants	x x	x x	x x	x x				$		$			x x		x x		x x			

Give name of each cropper and tenant and all information for each

1. .....
2. .....
3. .....
4. .....
5. .....
6. .....
7. .....
8. .....
9. .....
10. .....
11. .....
12. .....
13. .....
14. .....
15. .....
16. .....
17. .....
18. .....
19. .....
20. .....
21. .....
22. .....
23. .....
24. .....
25. .....

Remember: A general schedule must be secured for the "home farm" and one for each cropper and tenant listed on this supplemental.

USE ANY UNUSED SPACE FOR REMARKS

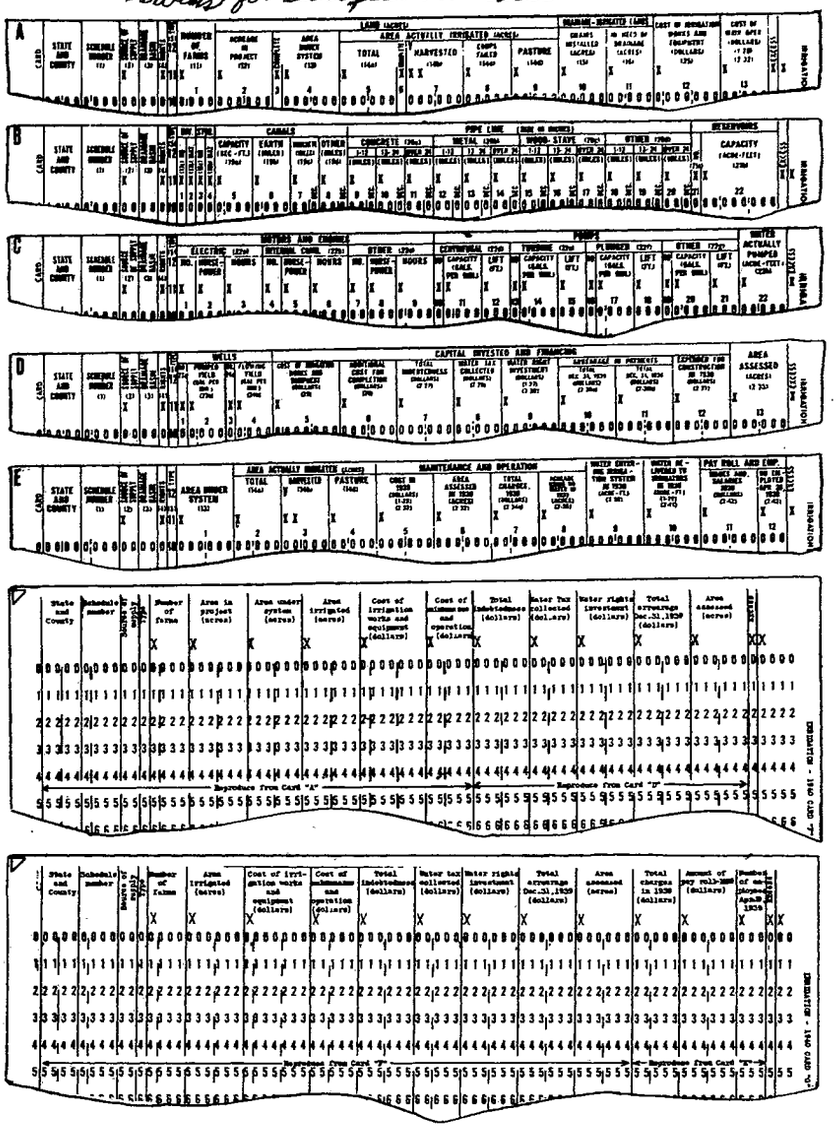
20. Of the total animals reported on line "A," columns 20, 21, and 22, how many are owned by you?

[1] Over 3 months old.
[2] In fractions, as ½, ⅓, ¼, etc.
[3] The "home farm" includes all land not allotted to croppers or tenants. Thus, the report of the "home farm" should cover all land operated by wage hands, all waste land, woodland, and any other land not assigned to croppers or tenants.

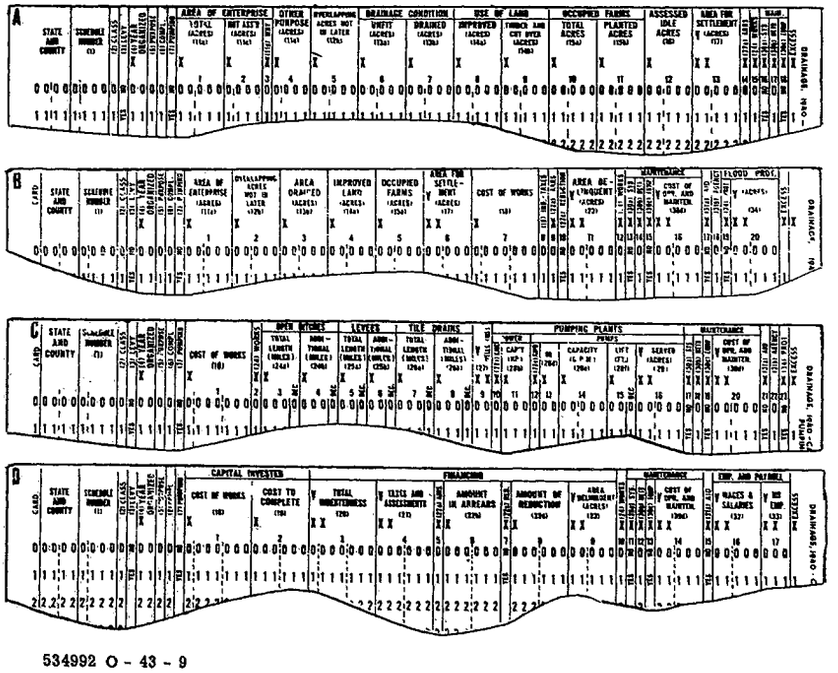
3-J0992

TECHNIQUE OF TABULATION AND PROCEDURES

Cards for Irrigation schedules



CARDS FOR DRAINAGE SCHEDULE



IRRIGATION SCHEDULES

CONFIDENTIAL CENSUS REPORT: Your report is required by Act of Congress. This Act also makes it unlawful for the Bureau to disclose any facts, including names statistical information concerning the Nation's population, resources, and business activities. Your Census

DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS
WASHINGTON

SIXTEENTH CENSUS
OF THE
UNITED STATES: 1940
IRRIGATION—1

16-246

This schedule is to be used ONLY for irrigation enterprises serving LESS than FIVE farms, in the following States:

Arizona	Idaho	Nevada	South Dakota
Arkansas	Kansas	New Mexico	Texas
California	Louisiana	North Dakota	Utah
Colorado	Montana	Oklahoma	Washington
Florida	Nebraska	Oregon	Wyoming

I.—MANAGEMENT AND LOCATION OF ENTERPRISE

1. Name of this canal or irrigation enterprise _____
2. Individual, partnership, or company controlling this enterprise: _____
   Post-office address _____
3. Location:
   (a) Lands of this enterprise: State _____ County (or counties) _____
   (b) Head of main canal; well; spring; reservoir; or other source: _____ miles _____ (Direction) from _____ (Nearest town)
4. Person furnishing information:
   Name _____ Title _____
   Address _____

II.—SOURCE OF WATER SUPPLY

5. Indicate type by X (if more than one type, mark each):
   Stream ☐ Pumped well ☐ Flowing well ☐ Spring ☐
   Stored storm water ☐ Lake ☐ City water ☐ Sewage ☐
6. Name of stream or other source _____
7. Drainage basin _____ (Give name of river system which drains the region in which enterprise is located.)

III.—WATER RIGHTS

8. Indicate type by X (if more than one type, mark each):
   (a) Riparian rights _____
   (b) Appropriation rights _____
   (c) All other rights _____ (Specify, as "underground water," etc.)

IV.—TYPE OF ENTERPRISE

9. Indicate type of enterprise at the present time by X:
   Individual ☐ Partnership ☐ Cooperative ☐

V.—LANDS

10. (a) Are any lands in this enterprise irrigated with water supplied by any other enterprise? _____ (Yes or No)
    (b) If answer to Question 10(a) is "Yes," give name of other enterprise, show acreage of this enterprise irrigated by such other water:

Name of Other Enterprise	Acreage	Total Acreage
		X X X X X X X

    (c) Does this enterprise supply water to other enterprises? _____ (Yes or No)
    (d) If answer to Question 10(c) is "Yes," give name of other enterprise receiving the water:

Name of Other Enterprise

	Code

11. Farms supplied with water by this enterprise in 1939 — Number _____ — A-1
12. Total irrigable acreage this project will cover when completed — Acres _____ — A-2

V.—LANDS—Continued

	Code
	A-3

13. Area to which existing works are capable of supplying water in 1940 — Acres _____ — A-4 / E-1
14. (a) Area actually irrigated in 1939 — Acres _____ — A-5 / E-2
    Actual area irrigated, not areas for which water was available nor total holdings of persons entitled to water. — A-6
    (b) Irrigated land from which crops were harvested in 1939 — Acres _____ — A-7 / E-3
    Do not count land twice, even though two crops were harvested from it. If none, write "None."
    (c) Irrigated area upon which crops failed in 1939 and no other crops were planted for harvest in 1939 — Acres _____ — A-8
    (d) Irrigated land used only for grazing or pasture in 1939 — Acres _____ — A-9 / E-4

VI.—DRAINAGE OF IRRIGATED LANDS

Note.—These inquiries relate *only* to lands that have been irrigated or are to be irrigated by this enterprise.

15. Area for which drains or drainage pumps have been installed — Acres _____ — A-10
16. Additional area in need of drainage — Acres _____ — A-11

VII.—DESCRIPTION OF WORKS

Note.—Types of works not specified, and other helpful information should be given briefly on the back of this schedule, with suitable reference to question numbers.

17. Diversion dams: (a) Number _____ (b) Material _____ — B-1,2
18. Storage dams: (a) Number _____ (b) Material _____ — B-3,4
19. Canals (mains and laterals, not including farm ditches):
    (a) Capacity at main canal heading _____ Cu. ft. per sec _____ — B-5
    (b) Earth canals, length _____ Miles _____ — B-6
    Lined canals (including flumes), length:
    (c) Concrete _____ Miles (nearest tenth) _____ — B-7
    (d) Other materials (Specify material) _____ Miles (nearest tenth) _____ — B-8
20. Pipe lines, including siphons and farm pipe distribution lines. Report lengths to nearest tenth of mile:

Material	Diameter in Inches: 1-12 inches	13-24 inches	Over 24 inches	
	Miles	*Miles*	*Miles*	
(a) Concrete				B-9 / 10, 11
(b) Metal (iron, steel, etc.)				B-12 / 13, 14 / B-15
(c) Wood-stave				16, 17 / B-18
(d) Other (Specify material)				19, 20

21. Reservoirs: (a) Number _____ (b) Total capacity (ac.-ft.) _____ — B- / 21, 22
    If reservoir is jointly owned, list below the name of reservoir, names of participating enterprises, and share of each in acre-feet _____
22. Pumping equipment:

Kind of Motor or Engine	Number	Total Horsepower	Number of Hours Operated in 1939	
(a) Electric				C- / 1, 2, 3
(b) Internal-combustion				C- / 4, 5, 6
(c) Other (Specify kind)				C- / 7, 8, 9

Kind of Pump	Number	Total Capacity (gals. per min.)	Average Lift (feet)	
(d) Centrifugal				C-10 / 11, 12 / C-13
(e) Turbine				14, 15 / C-16
(f) Plunger				17, 18 / C-19
(g) Other (Specify kind)				20, 21

    (h) Amount of water pumped in 1939, acre-feet _____ — C-22
23. Pumped wells: (a) Number _____ (b) Total yield (g.p.m.) _____ — D-1,2
24. Flowing wells: (a) Number _____ (b) Total yield (g.p.m.) _____ — D-3,4

SCHEDULE No. (1)

This entire center space for office use only

CODES

Source of Supply Code (2)

Drainage Basin Code (3)

Water Rights Code (4)

Type Code (5)

or identity, from your census reports. Only sworn census employees will see your statements. Data collected will be used solely for preparing Reports Cannot Be Used for Purposes of Taxation, Regulation, or Investigation.

VIII.—CAPITAL INVESTED IN ENTERPRISE	Code
25. Cost of irrigation works and equipment to December 31, 1939 ..... $ ..... (Omit cents)	A-12 D-5
26. If works were not completed December 31, 1939, estimate additional investment required for completion ..... $ ..... (Omit cents)	D-6 XX
27. Amount actually expended for water rights ..... $ ..... (Omit cents)	D-9 X out
IX.—MAINTENANCE AND OPERATION	
28. Cost of maintenance and operation in 1939 ..... $ ..... (Omit cents) If work was done by owner or operator, estimate cost of labor and material. Expenditures made in 1939 for enlargements and improvements are not to be included here, but under Question 25. Also see Instructions below.	A-13 E-5 XX XX
X.—QUANTITY OF WATER USED IN 1939 (Gravity and pumped)	
29. Total quantity of water delivered to irrigators during season of 1939 ..... Acre-feet	E-10 XX

ENUMERATOR'S RECORD

State ..... County ..... E. D. No. .....

Visitation numbers of corresponding farm schedules .....

Enumerated by me on ....., 1940.

....., Enumerator.

EXPLANATIONS AND INSTRUCTIONS

LEGAL REQUIREMENT.—A report of every irrigation enterprise in the United States is required by the Decennial Census Act of the Congress, approved June 18, 1929.

DEFINITION OF AN IRRIGATION ENTERPRISE.—An irrigation enterprise, for the purpose of the census, is a canal or other water conduit system, pumping plant, or a reservoir supplying water for irrigation, or any combination of these operated under a single management by either an individual, a partnership, a company, or other organization.

Land should be classed as irrigated which has water supplied to it for agricultural purposes by artificial means or by seepage from canals, reservoirs, or irrigated lands, but land which has natural ground water sufficiently near the surface to support plant life should not be classed as irrigated. Land which is flooded during high-water periods should be classed as irrigated if water is caused to flow over it by dams, canals, or other works, but should not be classed as irrigated if the overflow is due to natural causes alone.

This schedule is to be used by enumerators to report irrigation enterprises serving less than five farms.—Reports for larger enterprises will be secured by enumerators only when they are specifically instructed by their supervisors to do so, and enumerators will then use schedule Irrigation—2. However, enumerators are cautioned to **return reports for all pumping plants, wells, canals, or reservoirs operated by individuals or groups of four or less** who also obtain water from enterprises serving more than four farms.

If the Farm and Ranch Schedule (Questions 31 and 32) shows that the farm was irrigated, the enumerator should ask whether the irrigation enterprise reported under Question 33 serves less than five farms in all; if the answer is "Yes," he should obtain the names of all the farmers involved, and, from one of them (or other reliable source), obtain the information needed to fill out this Irrigation Schedule, unless, upon further inquiry, he is told that an Irrigation Schedule has already been received from the Bureau of the Census. If such a schedule has been received, he should ask whether it has been filled out and returned. If the answer to this question is "Yes," the enumerator should make an entry to that effect on his daily report. The enumerator should satisfy himself, however, that it was actually a United States Census Irrigation Schedule, and not some other form of schedule, which was received and filled out, and that the irrigation enterprise it described was none other than the one about which he is inquiring.

If the enterprise has received an Irrigation Schedule by mail and has not filled it out, or has filled it out but has not returned it, the enumerator should obtain it. **Only a few schedules will have been received by mail by enterprises serving less than five farms, these being individuals or partnerships in isolated sections, or enterprises whose size was not definitely known by the Bureau of the Census.**

ALL QUESTIONS ARE TO BE ANSWERED.—If exact information is not available, get the best estimate possible and write "Est." beside the answer. Use the margin or back of this schedule when additional space is necessary to make the answers clear, definite, and complete.

SECTION I.—If a farm is supplied with water by more than one canal or enterprise, and these canals supply water to not more than three other farms, a schedule should be made out for each canal; but if a farm is supplied with water by more than one canal or enterprise, and these canals supply no other farm or farms, all such canals should be included on a single schedule. The names, if the canals are named, should be written on the blank lines under Question 2.

SECTION II.—If water is secured from more than one source, each should be marked and the principal source indicated by underscoring. If water is secured from two or more streams or other sources, the name of each should be given.

"Stored storm water" refers to reservoirs filled by storing storm water from channels that carry water only during storms and are not classed as streams. When water is obtained from a reservoir filled from a stream, the stream should be given as the source.

Under "Drainage basin," the name of the smallest stream that is well known and which is shown on ordinary maps should be given. This inquiry should be answered, even if water is not obtained from a stream.

SECTION III.—These questions relate to the rights of the enterprise to take water from the stream or other source from which it is obtained. Some enterprises have several rights, each of which should be shown; and many rights will fall in more than one of the classes named. In each instance the right should be reported in the class in which it stands at the time of the enumeration.

SECTION IV.—"Individual" or "Partnership" enterprises are those belonging to individual farmers or groups of farmers associated without formal organization. "Cooperative" enterprises are controlled by the water users combined in some organized form of cooperation under State laws, the most common form being the stock company, the stock of which is owned by the water users.

SECTION V.—The answer to Question 11 must conform to the Census definition of a farm, as shown on the Farm and Ranch Schedule.

Under "Total irrigable acreage this project will cover when completed," only the acreage to which it is definitely planned to supply water should be reported. Possible extensions not yet definitely planned should not be included.

The answer to Question 13 should include all land to which the enterprise is ready and able to supply water, whether land is farmed or not.

The "Area actually irrigated in 1939" should be limited to land to which water was actually applied during that year. It should not include land which is under the system and sometimes irrigated, but which was not watered in 1939, nor land not yet irrigated on farms that are in process of reclamation.

The answer to Question 14(a) should be the total of all land irrigated. If the cropland harvested, irrigated pasture, and irrigated area upon which crops failed do not equal the total reported under Question 14(a), write an explanation on the margin or the back of this schedule.

SECTION VI.—This section relates only to lands which have been irrigated or are to be irrigated by this enterprise. The "Additional area in need of drainage" will necessarily be estimated. Enumerators should make the best estimates possible, based on information furnished by the officials of the enterprise and by others in the community, and on their own observations, but they should not attempt to make extended field observations.

SECTION VII.—A main canal is any channel conveying water from the source of supply to the tract of land to be irrigated. A lateral canal is a branch of a main canal conveying water from a main canal to one or more farms. **Farm ditches**, which distribute the water within the boundaries of the individual farm, should not be reported. **Farm pipe distribution lines should be reported**, using best figures obtainable.

If the capacity of a reservoir is not known, it should be estimated by multiplying the area (in acres) of the water surface when reservoir is full, by the average depth (in feet) above the level of the bottom of the outlet. The product will be "acre-feet." Length, width, and depth, in feet, should be given for small farm reservoirs.

If yields of either flowing or pumped wells are not known, obtain the best estimates possible.

Under "Kind of motor or engine," if windmills are used, for "Capacity" give diameters of wheels rather than horsepower.

Under "Kind of pump," if some unusual type of pump or other water-lifting device is used, describe it briefly on the margin or back of this schedule, with suitable reference to the question number.

Under "Average lift," give the vertical distance, in feet, between the average level of the water in the source of supply when the pump is running at usual capacity and the average level to which the water is lifted. **Do not** consider friction and velocity heads or horizontal distances. If more than one pump is reported, give the average lift for each pump separately, with corresponding yield.

SECTION VIII.—In answering Question 25, include the original cost of the irrigation works plus the cost of extensions and improvements; also the cost of equipment, buildings, and land used for maintenance and operation, but not water rights. If works are not completed, give investment to December 31, 1939. If there are no records of cost, or if the owners have done all or part of the construction, the best estimate of cost obtainable should be reported, including the estimated value of the work done by the owners. If drainage works have been built, do not include their cost in the answer to Question 25.

Under "Water rights," include filing and legal fees paid by the enterprise in acquiring them; and, if they were purchased by the enterprise, give the purchase price.

SECTION IX.—In answering Question 28, report only the costs of maintenance, including ordinary cleaning and repairs; and operation, including fuel or power and attendance.

SECTION X.—The answer to Question 29, if the total supply is pumped, should be the same as the answer to Question 22(h). If the water supply is obtained from two or more sources, pumped or gravity, the answer to Question 29 should be the total amount of water delivered from all such sources.

U. S. GOVERNMENT PRINTING OFFICE 16—10689

CONFIDENTIAL CENSUS REPORT: Your report is required by Act of Congress. This Act also makes it unlawful for the Bureau to disclose any facts, including statistical information concerning the Nation's population, resources, and business activities. Your

DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS
WASHINGTON

SIXTEENTH CENSUS
OF THE
UNITED STATES: 1940

IRRIGATION—2

16-217

This schedule is to be used **ONLY** for irrigation enterprises serving **FIVE** or **MORE** farms, in the following States:

Arizona	Kansas	New Mexico	Texas
Arkansas	Louisiana	North Dakota	Utah
California	Montana	Oklahoma	Washington
Colorado	Nebraska	Oregon	Wyoming
Idaho	Nevada	South Dakota	

I.—MANAGEMENT AND LOCATION OF ENTERPRISE

1. Name of this canal or irrigation enterprise.....

2. Correct legal or incorporated name of this enterprise:

Post-office address: Main office.....
Local office.....

3. Location:
(a) Lands of this enterprise: State.....
County (or counties).....
(b) Head of main canal; well; spring; reservoir; or other source:

Section..... Township..... Range.....
If located on unsurveyed land, describe by direction and distance from some near-by town.

4. Person furnishing information:
Name..... Title.....
Address.....
Date.....
Signature.....

II.—SOURCE OF WATER SUPPLY

5. Indicate type by **X** (if more than one type, mark each):
Stream ☐ Pumped well ☐ Flowing well ☐ Spring ☐
Stored storm water ☐ Lake ☐ City water ☐ Sewage ☐

6. Name of stream or other source.....

7. Drainage basin.....
Give name of river system which drains the region in which enterprise is located.

III.—WATER RIGHTS

8. Indicate type by **X** (if more than one type, mark each):

NOTE.—Some enterprises have several rights, each of which should be shown; and many rights will fall in more than one of the types named. For instance: A right may have been acquired originally by appropriation and use; later the owner may have filed and posted a notice of his claim; still later the right may have been adjudicated by a court or board; and, finally, a certificate may have been issued by the State. Or a right may have been initiated on a permit from the State and the owner may have received later a certificate from the State. In each instance the right should be reported in the class in which it stands at the time of enumeration.

(a) Riparian rights.....
(b) Appropriation rights.....
(c) All other rights.....
(Specify, as "underground water," etc.)

IV.—TYPE OF ENTERPRISE

NOTE.—The types of enterprises recognized by the census are as follows:

Individual or partnership enterprises, which belong to individual farmers or to groups of farmers associated without formal organization. It is not always possible to distinguish between partnership and cooperative enterprises, but as the difference is slight this is unimportant.

Cooperative or mutual enterprises, which are controlled by the water users combined in some organized form of cooperation under State laws. The most common form of organization is the stock company, the stock of which is owned by the water users. In New Mexico many of the cooperative enterprises are operated under laws regulating "community" ditches.

Irrigation districts, which are public corporations established under State laws and empowered to issue bonds to obtain funds for the purchase or construction of irrigation works, and to levy and collect taxes for the payment of bonds and interest thereon and for the payment of the cost of operation and maintenance. In some States these are called water improvement districts, water conservation districts, water storage districts, etc.

Carey Act enterprises, established under the Federal law of August 18, 1894, granting each of the States in the arid region 1,000,000 acres of land on condition that the State provide for its irrigation and under amendments to that law granting additional areas to Idaho and Wyoming. Practically all Carey Act projects are now organized as irrigation districts or other cooperative enterprises and should be so reported.

Commercial enterprises, incorporated or otherwise, and including public utilities regulated by State commissions, which supply water for compensation to farmers who own no interest in the works. Irrigators obtaining water from such enterprises are required to pay annual charges based in some instances on the acreage irrigated and in others on the quantity of water received, and sometimes must pay in addition for the initial right to receive water.

United States Bureau of Indian Affairs enterprises, established under various acts of the Congress providing for the construction by that Service of works for the irrigation of land in Indian reservations.

United States Bureau of Reclamation enterprises, established under the Federal law of June 17, 1902, providing for the construction of irrigation works with the receipts from the sale of public lands or other sources.

State enterprises.—In a few instances the States themselves have carried out irrigation enterprises under special legislation.

City water or sewage irrigation enterprises.—This type is self-explanatory.

9. Indicate type of enterprise at the present time by **X**:

Individual		Carey Act	
Partnership		U. S. Bureau of Indian Affairs	
Cooperative (a) Incorporated		U. S. Bureau of Reclamation	
Cooperative (b) Unincorporated			
Irrigation district		State enterprise	
Commercial (a) Incorporated		City enterprise	
Commercial (b) Unincorporated			

Many enterprises were organized under one form and later changed to another form. In such cases, state the facts on the blank lines below:

.....
.....

V.—LANDS

10. (a) Are any lands in this enterprise irrigated with water supplied by any other enterprise? ..... (Yes or No)

(b) If answer to Question 10(a) is "Yes," give names of other enterprises and show acreage of this enterprise irrigated by such other water:

NAME OF OTHER ENTERPRISE	ACREAGE	TOTAL ACREAGE
		X X X X X X

(c) Does this enterprise supply water to other enterprises? ..... (Yes or No)

(d) If answer to Question 10(c) is "Yes," give names of the other enterprises receiving the water:

NAME OF OTHER ENTERPRISE	Code

11. Farms supplied with water by this enterprise in 1939 (see Explanations and Instructions).. Number A-1

12. Total irrigable acreage this project will cover when completed ..... Acres A-2

☐ A-3

13. Area to which existing works are capable of supplying water in 1940 ..... Acres ..... A-4 / E-1

SCHEDULE No. (1)

This entire center space for office use only

CODES

Source of Supply Code (2)

Drainage Basin Code (3)

Water Right Code (4)

Type Code (5)

names or identity, from your census reports. Only sworn census employees will see your statements. Data collected will be used solely for preparing Census Reports Cannot Be Used for Purposes of Taxation, Regulation, or Investigation.

V.—LANDS—Continued

Code

14. (a) Area actually irrigated in 1939 ..... Acres ..... { A–5 / E–2 / A–6
Actual area irrigated, not areas for which water was available nor total holdings of persons entitled to water.

(b) Irrigated land from which crops were harvested in 1939 ..... Acres ..... { A–7 / E–3
Do not count land twice, even though two crops were harvested from it. If none, write "None."

(c) Irrigated area upon which crops failed in 1939 and no other crops were planted for harvest in 1939 ..... Acres A–8

(d) Irrigated land used only for grazing or pasture in 1939 ..... Acres ..... { A–9 / E–4

VI.—DRAINAGE OF IRRIGATED LANDS

NOTE.—These inquiries relate only to lands that have been irrigated or are to be irrigated by this enterprise.

15. Area for which drains or drainage pumps have been installed ..... Acres A–10

16. Additional area in need of drainage ..... Acres A–11

VII.—DESCRIPTION OF WORKS

NOTE.—A main canal is any channel conveying water from the source of supply to the tract of land to be irrigated. A lateral canal is a branch of a main canal conveying water from a main canal to one or more farms. Farm ditches, which distribute the water within the boundaries of the individual farm, should not be reported. Types of works not specified below and other helpful information should be given briefly on the back of the schedule, with suitable reference to question numbers.

17. Diversion dams: (a) Number ..... (b) Material B–1, 2

18. Storage dams: (a) Number ..... (b) Material B–3, 4

19. Canals (mains and laterals, not including farm ditches):

(a) Capacity at main heading ... Cu. ft. per sec B–5

(b) Earth canals, length ..... Miles B–6

Lined canals (including flumes), length:

(c) Concrete ..... Miles (nearest tenth) B–7

(d) Other ..... Miles (nearest tenth) B–8
(Specify material)

20. Pipe lines, including siphons and farm pipe distribution lines. Report lengths to nearest tenth of mile:

Material	Diameter in Inches			
	1–12 inches	13–24 inches	Over 24 inches	
	Miles	*Miles*	*Miles*	
(a) Concrete				B–9, 10, 11
(b) Metal (iron, steel, etc.)				B–12, 13, 14
(c) Wood-stave				B–15, 16, 17
(d) Other (Specify material)				B–18, 19, 20

21. Reservoirs: (a) Number ..... (b) Total capacity (ac.-ft.) B–21, 22
If reservoir is jointly owned, list below the name of reservoir, names of participating enterprises, and share of each in acre-feet:

22. Pumping equipment:

Kind of Motor or Engine	Number	Total Horsepower	Number of Hours Operated in 1939	
(a) Electric				C–1, 2, 3
(b) Internal-combustion				C–4, 5, 6
(c) Other (Specify kind)				C–7, 8, 9

Kind of Pump	Number	Total Capacity (Gals. per min.)	Average Lift (Feet)	
(d) Centrifugal				C–10, 11, 12
(e) Turbine				C–13, 14, 15
(f) Plunger				C–16, 17, 18
(g) Other (Specify kind)				C–19, 20, 21

(h) Amount of water pumped in 1939, acre-feet C–22

23. Pumped wells: (a) Number ..... (b) Total yield (g.p.m.) D–1, 2

24. Flowing wells: (a) Number ..... (b) Total yield (g.p.m.) D–3, 4

VIII.—CAPITAL INVESTED AND FINANCING

Code

25. Cost of irrigation works and equipment to December 31, 1939 ..... $ ..... (Omit cents) ..... { A–12 / D–5
Include irrigation works, works in buildings, improvements, enlargements, and land used for operation and maintenance, but not water rights.

26. If works were not completed December 31, 1939, estimate additional investment required for completion ..... $ ..... (Omit cents) D–6

27. Total indebtedness, December 31, 1939 ..... $ ..... (Omit cents) D–7

28. Amount of water taxes collected in 1939 (include special assessments) ..... $ ..... (Omit cents) D–8

29. Amount actually invested in water rights to December 31, 1939 ..... $ ..... (Omit cents) D–9

30. Was the enterprise in arrears in payment of principal or interest on bonds or other funded obligations, December 31, 1939? ..... (Yes or No)

(a) If "Yes," give total arrearage, December 31, 1939 ..... $ ..... (Omit cents) D–10

(b) What was the amount of arrearage, December 31, 1938? ..... $ ..... (Omit cents) D–11

31. Amount expended for construction, etc. (capital expenditures), in 1939 ..... $ ..... (Omit cents) D–12

IX.—MAINTENANCE AND OPERATION

32. Cost of maintenance and operation in 1939 ..... $ ..... (Omit cents) ..... { A–13 / E–5

NOTE.—Expenditures made in 1939 for enlargements and improvements are not to be included here but under Question 25. (Also see Instructions.)

33. Area against which annual charges were assessed in 1939 ..... Acres ..... { D–13 / E–6

34. Average annual charge per acre in 1939 ..... $
If charge is based on some other than this area, give approximate equivalent charge per acre served. Include assessment for maintenance and operation, and for principal and interest on bonds, notes, and warrants, and for special reasons.
(a) Office Use Only E–7

35. Of the land assessed with the annual charge, what acreage used no water in 1939? ..... Acres E–8

X.—QUANTITY OF WATER USED IN 1939
(Gravity and pumped)

36. Was the water measured as it was received by the system?
(Yes or No) ..... (Name unit of measure)

37. Average volume of water entering the system during season of 1939, cubic feet per second .....

38. Total quantity of water entering the system during season of 1939, acre-feet E–9

39. Periods during which water was run for irrigation in 1939:

Month	Day	Month	Day	For Office Use Only
(1) From		To		
(2) From		To		
(3) From		To		
		Total		

40. Is water measured as it is delivered to each irrigator?
(Yes or No) ..... (Name unit of measure)

41. Total quantity of water delivered to irrigators during season of 1939, acre-feet E–10

XI.—EMPLOYMENT AND PAY ROLL

42. Total amount of wages and salaries paid and payable for 1939 ..... $ ..... (Omit cents) E–11

43. Total number employed during week ending April 29, 1939 ..... Number E–12

16—10690

CONFIDENTIAL CENSUS REPORT: Your report is required by Act of Congress. This Act also makes it unlawful for the Bureau to disclose any facts, including statistical information concerning the Nation's population, resources, and business activities. Your

16-243

DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS

WASHINGTON

SIXTEENTH CENSUS
OF THE
UNITED STATES: 1940

DRAINAGE

This schedule is to be used ONLY in the following States:

Alabama	Indiana	Montana	South Carolina
Arizona	Iowa	Nebraska	South Dakota
Arkansas	Kansas	Nevada	Tennessee
California	Kentucky	New Mexico	Texas
Colorado	Louisiana	North Carolina	Utah
Delaware	Maryland	North Dakota	Virginia
Florida	Michigan	Ohio	Washington
Georgia	Minnesota	Oklahoma	Wisconsin
Idaho	Mississippi	Oregon	Wyoming
Illinois	Missouri		

EXPLANATIONS AND INSTRUCTIONS

Legal requirement.—A report of every drainage enterprise in the United States is required by the Decennial Census Act of the Congress, approved June 18, 1929.

Drainage of agricultural lands is the act or process of drawing off an excess of water by underground conduits, pipes, or tiles; or by open or covered trenches in the surface of the ground; or by pumping, for the purpose of improving the condition of the soil and crops. In this connection the area drained does not include land from which water flows without artificial aid into natural watercourses; nor does it include land protected from overflow by levees, dikes, or embankments; nor areas guarded by trenches from the run-off from higher lands, unless some form of drainage works has been constructed on the protected land.

Definition of a drainage enterprise.—A drainage enterprise, for the purpose of this census, is the area—

(1) organized in one drainage district; or
(2) assessed for the same public drain; or
(3) in corporate or in private ownership drained by works operated as one undertaking.

This census relates only to the drainage of agricultural lands. A report is to be made for each such drainage enterprise organized under a general or a special drainage law, or as a corporation, and for each drainage enterprise under private ownership draining as much as 500 acres. Do not report any privately owned enterprise draining less than 500 acres.

All questions are to be answered.—If exact information is not available give the best estimate possible and write "Est." beside the answer. Use the margin of the schedule or a separate sheet when additional space is necessary to make the answers clear, definite, and complete.

SCHEDULE No. (1)

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CODES

Class Code (2)

Levy Code (3)

Organized Code (4)

Purpose Code (5)

Completion Code (6)

Pumping Code (7)

IF THE ENTERPRISE IS LOCATED ENTIRELY IN ONE COUNTY:
Answer all questions for the whole enterprise.

IF THE ENTERPRISE IS LOCATED IN MORE THAN ONE COUNTY:
Prepare a separate report for each county.
Answer Questions 1 to 9, inclusive, for the whole enterprise on each schedule.
Answer Questions 11 to 35, inclusive, for ONLY that part of the enterprise which is located in the county reported under Question 10.

I.—MANAGEMENT AND LOCATION OF ENTERPRISE

1. Name of drainage district or enterprise:

2. Individual, board, or company controlling enterprise:

Name

Post-office address: Main office

Local office

3. Location of enterprise (entire enterprise as now organized):

(a) State

(b) County or counties

(c) Townships or other divisions of county:
Use Land Office survey numbers where available; where not available, give proper name and also class, as township, town, precinct, district, etc.

(d) Name of lake, stream, or ditch receiving discharge from district:

(e) Location of district outlet:

Section ____ Township ____ Range ____
If section and township numbers are not obtainable, state below distance and direction from some nearby town.

4. Person furnishing information:

Name and title

Address

Date

Signature

II.—CLASS OF ENTERPRISE

5. Indicate type of organization (at the present time) by X:

Drainage district		Commercial development:	
County drain		(a) Incorporated	
Township drain		(b) Not incorporated	
State project		Individual ownership	
Irrigation enterprise		Other	

In case of doubt as to classification, give on line below reference, with date, to act or law under which enterprise is operating.

6. Has this enterprise the power of levying taxes? ____ (Yes or No)

7. Year in which this enterprise was organized

8. If drainage was begun by a different enterprise or under a different type of organization than the present enterprise, state the facts briefly:

III.—PURPOSE OF DRAINAGE

9. Indicate principal purpose of artificial drainage by X:

Improvement of land already in farms	
Reclamation of swampland not previously in farms	
Protection against overflow	
Removal of alkali or seepage from irrigation	

names or identity, from your census reports. Only sworn census employees will see your statements. Data collected will be used solely for preparing Census Reports Cannot Be Used for Purposes of Taxation, Regulation, or Investigation.

IV.—SEPARATE REPORT FOR EACH COUNTY

NOTE: { **If enterprise is located entirely in one county:** Answer Questions 11 through 35 for the whole enterprise.
If enterprise is located in more than one county: Answer Questions 11 through 35 only for that part of the enterprise located in the county reported under Question 10.

10. Name of county to which the following answers apply _____

V.—LAND IN ENTERPRISE (in this county)

11. Area of enterprise: (The sum of b and c must equal a.)
    (a) Total ____ Acres ____ — Code A-1, B-1
    (b) Assessed for cost of enterprise ____ Acres ____
    (c) Not assessed but benefited ____ Acres ____ — Code A-2
    (d) Why was acreage reported under "c" not assessed? ____ — Code A-3
    (e) If this enterprise was established for any other purpose than drainage, what area is served or to be served by the work for which costs are assessed? ____ Acres ____ — Code A-4
12. Overlapping of enterprises:
    (a) Portion of total area (11a) that was included in later enterprises for which reports are obtained ____ Acres ____
    (b) Portion of total area (11a) that has not been included in later enterprises for which reports are obtained ____ Acres ____ — Code A-5, B-2

NOTE.—Questions 13 to 17, inclusive, apply to the acreage reported under Question 12b. The sum of a, b, and c under each of Questions 13 and 14 should equal the answer to 12b.

13. Drainage condition in 1939:
    (Question 13 relates only to degree of wetness of the land, regardless of its actual use.)
    (a) Area unfit to raise any crop, for lack of drainage ____ Acres ____ — Code A-6
    (b) Area drained, fit to raise normal crop ____ Acres ____ — Code A-7, B-3
    (c) Area partly drained, fit for partial crop only ____ Acres ____
14. Use of land in 1939:
    (a) Improved land ____ Acres ____ — Code A-8, B-4
    (b) Timber and cut-over land (all requiring clearing before it can be plowed) ____ Acres ____ — Code A-9
    (c) Other unimproved land ____ Acres ____
15. Land in occupied farms in 1939:
    (a) Total area ____ Acres ____ — Code A-10, B-5
    (b) Area planted in 1939 ____ Acres ____ — Code A-11
16. Area that has been assessed by this enterprise, but was idle in 1939 ____ Acres ____ — Code A-12
17. Area available for settlement (if none, write "None") ____ Acres ____ — Code A-13, B-6

VI.—CAPITAL INVESTED AND FINANCING (in this county)

NOTE.—The following inquiries relate to the **costs assessed or to be assessed against lands** in this county which, in the case of an enterprise located in more than one county, may be different from the cost of the drainage works constructed in this county.

The figures should show the cost of original construction plus enlargements and extensions, but not operation or maintenance. Where investment and maintenance costs have not been kept separate, the portion representing capital investment should be estimated as accurately as possible. — Code B-7, C-1, D-1

18. Cost of drainage works to January 1, 1940 ____ $____ (Omit cents)
    Include engineering, organization, rights-of-way, damages, construction and purchase of drainage works, legal services, administration, and lands and buildings, but not lands for sale or for farming. Include obligations of earlier enterprises assumed by this enterprise, and omit obligations of this enterprise assumed by later enterprises. — Code B-8
19. Estimated additional cost to complete works authorized ____ $____ (Omit cents) — Code D-2
20. Total indebtedness, Dec. 31, 1939 (if none, write "None") ____ $____ (Omit cents) — Code D-3
21. Amount of taxes and special assessments collected in 1939 (if none, write "None") ____ $____ (Omit cents) — Code D-4
22. Arrearage, Dec. 31, 1939:
    (a) Was this enterprise in arrears in payment of principal or interest on bonds or other obligations? ____ (Yes or No) — Code A-14, B-9, D-5
    (b) Amount in arrears (if any) ____ $____ (Omit cents) — Code D-6
    (c) Has any reduction been made in the total of cost assessed for this enterprise by reorganization, refinancing, bankruptcy proceedings, or any less formal agreement with bondholders or other creditors? ____ (Yes or No) — Code B-10, D-7
    (d) Amount of such reduction in indebtedness ____ $____ (Omit cents) — Code D-8
23. Area delinquent in payment of drainage taxes, Dec. 31, 1939 (if none, write "None") ____ Acres ____ — Code B-11, D-9

VII.—DRAINAGE WORKS (in this county)

NOTE.—**Drainage works** of an enterprise include all varieties of underground conduits, pipes, or lines of tile; drains of stone, wood, or other materials; and all open ditches, canals, and pumping equipment for drainage. Levees, dikes, dams, weirs, gates, and other devices for draining away or controlling surface and soil waters are to be considered "Drainage works" when, and only when, they are constructed or operated with drainage ditches, underdrains, or drainage pumps.

Tile as here used includes pipes of earthenware, concrete, or other materials buried beneath the surface in such a way as to permit the excess water to flow away.

Ditches include all open artificial trenches, usually with sloping sides.

NOTE.—Under Questions 24 through 28 include all drainage works in this county being operated or maintained by this enterprise, but DO NOT include any works being operated or maintained by some other enterprise. — Code A-15, B-12, C-2, D-10

24. Open ditches belonging to this enterprise:
    (a) Total length constructed or improved ____ Miles ____ — Code C-3
    (b) Additional length authorized ____ Miles ____ — Code C-4
25. Levees and dikes belonging to this enterprise:
    (a) Total length constructed, rebuilt, or relocated ____ Miles ____ — Code C-5
    (b) Additional length authorized ____ Miles ____ — Code C-6
26. Tile drains belonging to this enterprise:
    (a) Total length installed ____ Miles ____ — Code C-7
    (b) Additional length authorized ____ Miles ____ — Code C-8
27. Number of drainage wells from which water is pumped by this enterprise to lower ground water table (if none, write "None") ____ Number ____ — Code C-9
28. Pumping equipment (show only in county where located): — Code C-10
    (a) Kind of power ____ (Steam, electric, Diesel, etc.)
    (b) Capacity of plant ____ Horsepower ____ — Code C-11
    (c) Kind of pumps ____ (Centrifugal, rotary, turbine, plunger, etc.) — Code C-12
    (d) Number of pumps ____ Number ____ — Code C-13
    (e) Total capacity of pumps ____ Gallons per minute ____ — Code C-14
    (f) Average lift ____ Feet ____ — Code C-15
29. Area (in 12b only) served by pumps (if none, write "None") ____ Acres ____ — Code C-16
30. Maintenance of drainage works:
    (a) Are the ditches maintained systematically? ____ (Yes or No) — Code A-16, B-13, C-17, D-11
    (b) Indicate method of doing maintenance work by X:
        District forces ____
        Contract let ____
        Work apportioned to landowners ____ — Code A-17, B-14, C-18, D-12
        Other (give name) ____
    (c) Does enterprise own excavators or other power equipment (not including automobiles and trucks) used principally for maintenance? ____ (Yes or No) — Code A-18, B-15, C-19, D-13
    (d) Cost of operation and maintenance in 1939 (if none, write "None") $____ (Omit cents)
    Include administration, but not principal or interest on bonds or notes, nor additions to capital investments. Expenditure for 1939 for enlargements and improvements should be reported under Question 18. — Code B-16, C-20, D-14
31. Government aid for maintenance and rehabilitation:
    (a) Did this enterprise ever receive from any Federal agency, directly or through State or local organization, assistance in restoring its drainage works without obligation to repay the cost? ____ (Yes or No) — Code B-17, C-21, D-15
    (b) Name of such agency: ____ — Code B-18, C-22

VIII.—EMPLOYMENT AND PAY ROLL

32. Total amount of wages and salaries paid and payable for 1939 (if none, write "None") ____ $____ (Omit cents) — Code D-16
33. Total number employed during the week ending April 29, 1939 (if none, write "None") ____ Number ____ — Code D-17

IX.—FLOOD PROTECTION BY OUTSIDE AGENCIES (in this county)

34. Area (in 12b only) protected from overflow by levees or dikes belonging to a levee district, State, or other outside agency (not this enterprise). (If none, write "None.") ____ Acres ____ — Code B-19, C-23, B-20
35. Name of outside agency protecting area in this enterprise from overflow: ____

Your report is required by Act of Congress. This Act also makes it unlawful for the Bureau to disclose any facts, including names or identity, from your census reports. Only sworn census employees will see your statements. Data collected will be used solely for preparing statistical information concerning the Nation's population, resources, and business activities. Your Census Reports Cannot be Used for Purposes of Taxation, Regulation, or Investigation.

Form No. A-101

DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS

File No. .....

Sixteenth Census of the United States: 1940

GENERAL SCHEDULE FOR FARMS AND RANCHES—ALASKA

Judicial Division .....

Recording District .....

Enumerated by me this ..... day of ..... 19.....

Enumeration District No. .....

Number of this farm in order of visitation .....

..... (Signature of enumerator)

(FOR EXPLANATIONS AND INSTRUCTIONS, SEE BACK OF SCHEDULE)

I.—OPERATOR

1. Name of operator..... Age .....
2. Principal occupation.....
3. Sheet and line of population schedule where operator's name appears..... Sheet ..... Line .....
4. Town or village.....

   Is this farm inside boundaries of town if incorporated?..... (Yes or no)
5. Year when operator began to operate this farm..... (Year)

II.—TENURE

6. If you rent any farm land from others, or manage any farm land for others, or use any Government land under permit, give name and address of owner.

   Name .....

   Address ..... (Street or Route No.) (Post office) (State or Territory)
7. Do you operate the farm reported on this schedule for others as hired manager?..... (Yes or no)
8. How many acres of this farm do you own? (Acres or fraction of acre)..... (Acres or fraction of acre)
9. How many acres do you rent from others? (Acres or fraction of acre)..... (Acres or fraction of acre)

   (The sum of the entries for questions 8 and 9 must equal the entry for question 10, unless the farm is operated by a hired manager)

III.—ACREAGE

	Acres or Fraction of Acre
10. Total acreage of farm reported on this schedule..... (Report all outlying or separate fields, meadows, pastures, woodland, and waste land *operated* by the person whose name is given under question 1, whether *owned, rented from others, or managed for others*. Omit any land now rented *to* others. Do not include public land for which no rent is paid. Report fractions in ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞)	
11. Land from which crops were harvested in census year..... (Report all cropland, all tame and wild hay land, and gardens, orchards, and vineyards)	
12. Cropland from which no crop was harvested in census year (idle, fallow, or failure; specify which).....	
13. Land used solely for pasture or grazing, and woodland pastured or grazed.....	
14. All other land, including woodland not pastured or grazed.....	
(The sum of the entries for questions 11 to 14, inclusive, must equal the entry for question 10)	

IV.—VALUES

15. Total value of farm reported on this schedule..... $.....
    (Value of all land operated by you as owner, tenant, or manager, and of all buildings and improvements, but *not* of implements and machinery or of livestock)
16. Value of all buildings on this farm, *included above*..... $.....
17. Value of implements and machinery belonging on this farm..... $.....
    (Value of all farm implements, tools, wagons, carriages, harnesses, dairy equipment, threshers, and haying machines; and of all engines, motors, tractors, automobiles, motortrucks, and other farm machinery)

V.—MORTGAGE DEBT

The questions relating to mortgage debt *must* be answered if the operator, whose name appears under question 1, *owns all or any part* of the farm reported on this schedule, but should *not* be answered if he owns no part of it.

18. Was there on October 1, 1939, any mortgage debt on land and/or buildings of the farm reported on this schedule, that were owned by you?..... (Yes or no)
19. Total amount of such mortgage debt..... $.....

16-30

VI.—EXPENDITURES

20. Amount expended within census year for hay, grain, mill feed, and other commodities purchased for use as feed for animals and poultry..... $.....
21. Amount expended *in cash* within census year for agricultural labor (exclusive of housework)..... $.....

VII.—CROPS HARVESTED ON THIS FARM WITHIN CENSUS YEAR

Cereals and Legumes Harvested for Grain or for Seed	Acres Harvested	Bushels Harvested
22. Wheat.....		
23. Oats.....		
24. Barley.....		
25. Mixed grains (specify).....		
26. Peas.....		
27. Vetch.....		
28. All other cereals and legumes harvested for grain or for seed (specify)		
		Tons Harvested
Hay and Other Forage, Including Silage		
Small grains cut for hay:		
29. Unmixed with any other crop (specify).....		
30. Mixed with other crops (specify):		
31. All other tame or cultivated hay.....		
32. Marsh, prairie, and other wild grasses.....		
33. Root crops for forage (specify):		
34. Mature crops grazed or hogged off (specify).....		xxxxxxxxx
35. All other hay and forage crops (specify).....		

36. All hay sold within census year.... Tons ..... Value, $.....

Potatoes	Acres	Bushels	Value
37. Harvested.....			xxxxxxxxx
38. Sold.....	xxxxxxxxx		$.....

Vegetables Grown for Home Use Only

39. Value of all vegetables (except potatoes) grown within census year for home use on this farm..... $.....
    (Omit any vegetables fed to animals)

Vegetables Harvested for Sale, Not for Home Use (Report fractions in ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞)	Acres or Fraction of Acre Harvested
40. Cabbages.....	
41. Carrots.....	
42. Cauliflower.....	
43. Onions.....	
44. Rutabagas.....	
45. Turnips.....	
46. All other vegetables except potatoes (specify).....	

Your report is required by Act of Congress. This Act makes it unlawful for the Bureau to disclose any for preparing statistical information concerning the nation's population, resources, and business activities.

Form No. A-101a

DEPARTMENT

Judicial Division .....

SIXTEENTH

Recording District .....

LIVESTOCK NOT

(SEE OTHER SIDE OF

Line No.	STABLE, BARN, FEED LOT, CORRAL, OR OTHER ENCLOSURE			POULTRY	
	Name of proprietor	Post-office address of proprietor	Location of enclosure	Chickens (Number)	Other poultry (Number)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

Vegetables Sold

47. Value of all vegetables (except potatoes, and any vegetables grown under glass) sold within census year..... $.....

Orchard Fruits	Number of Trees		Bushels Harvested
	Not of Bearing Age	Of Bearing Age	
48. Apples, cherries, and other tree fruits (specify)			

Small Fruits	Acres or Fraction of Acre Harvested	Quarts Harvested
49. Strawberries		
50. All other small fruits—raspberries, currants, gooseberries, etc. (specify)		

51. Value of all orchard fruits and small fruits sold within census year..... $.....

VIII.—NURSERIES, GREENHOUSES, AND HOTHOUSES, AND PRODUCTS SOLD

	Acres or Fraction	Value of Products Sold
52. Outdoor nursery stock (trees, plants, vines, bulbs, and flowers)		$.....
	Square Feet	
53. Land under glass (area covered by greenhouses, hothouses, sash, and frames)		

IX.—LIVESTOCK AND LIVESTOCK PRODUCTS

(In reporting dollar items, omit cents)

(Report all livestock on this farm on October 1, 1939, whether this livestock belongs to operator or to others; also any livestock belonging here but grazing in National Forest or on open range)

	Quantity	Value
54. Horses, mules, asses, burros, and colts (all ages)—number		x x x x x x
55. Total cattle and calves (all ages)—number		x x x x x x
56. Milk cows (cows kept primarily for milk)—number		x x x x x x
57. Total amount of milk produced within census year—gallons		x x x x x x
58. Whole milk sold within census year—gallons		$.....
59. Cream sold within census year—gallons		
60. Sheep and lambs (all ages)—number		x x x x x x
61. Sheep and lambs shorn within census year—number		x x x x x x
62. Total weight (unwashed) of wool shorn within census year—pounds		x x x x x x
63. Goats and kids (all ages)—number		x x x x x x
64. Hogs and pigs (all ages)—number		x x x x x x
65. Reindeer (all ages)—number		x x x x x x
66. Dogs used as work animals—number		x x x x x x
67. Chickens—number		x x x x x x
68. Other poultry—ducks, geese, etc. (specify)—number		x x x x x x
69. All eggs produced within census year—dozens		x x x x x x
70. All eggs sold within census year—dozens		
71. Poultry sold within census year—number		

X.—FUR ANIMALS IN CAPTIVITY; ANIMALS AND PELTS SOLD

(Report all animals kept in enclosed areas or kept on islands on October 1, 1939)

	Number of Animals on Hand (All Ages)	Live Animals Sold Within Census Year		Pelts Sold Within Census Year	
		Number	Value	Number	Value
72. Blue foxes			$.....		$.....
73. Silver foxes					
74. All other foxes					
75. Minks					
76. All other fur animals (specify)					

ANY LIVESTOCK KEPT ON PROPERTY NOT COVERED BY THE CENSUS DEFINITION OF "FARM" MUST BE REPORTED ON THE SCHEDULE FOR LIVESTOCK NOT ON FARMS OR RANCHES

For more detailed instructions, see section entitled "Agriculture" in Instruction Book.

U. S. GOVERNMENT PRINTING OFFICE 1682818

SUPPLEMENTAL INFORMATION

Describe any important changes in the size or character of this farm or in ownership, tenancy, etc. Also please comment on unusual conditions regarding acreage, production, yields, crop failure, location of livestock, etc.

EXPLANATIONS AND INSTRUCTIONS

1. **Definition of "farm."**—A farm, for census purposes, is all the land which is directly farmed by one person, either by his own labor alone or with the assistance of members of his household or of hired employees. The land operated by a partnership is likewise considered a farm. A farm may consist of a single tract of land or of a number of separate tracts, and these several tracts may be held under different tenures, as when one tract is owned by the farmer and another tract is rented by him. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is treated as a farm. Do not report as a farm any tract of land of less than 3 acres, unless its products during the census year were valued at $250 or more.

2. **The census year.**—For farms canvassed before the close of 1939, the census year is the period from October 1, 1938, to September 30, 1939; for farms canvassed in 1940, it is the calendar year 1939. (See par. 160, Instructions to Enumerators.)

3. **Schedules to be used.**—In order to obtain a complete inventory of agriculture, two schedules are used: (1) This schedule, General Schedule for Farms and Ranches, and (2) the schedule for Livestock Not on Farms or Ranches. After completing your enumeration of each family on the Population schedule, inquire whether any member of the family operates a farm or maintains a stable, a poultry farm, or other enclosure containing livestock, and if so, *and if the farm or enclosure is in your enumeration district*, fill out the proper schedule. *Do not, in any case, use both schedules for the same property.*

4. **The General Schedule for Farms and Ranches** will be used for enumerating all farms, ranches, and special agricultural operations conforming to the definition of "farm." Special care should be taken to record, on this schedule, all operations which fall within the scope of that definition or which approach it closely enough so that there is any doubt.

This applies to market gardens, truck and fruit gardens, nurseries, greenhouses, poultry establishments, town or village dairies, fur farms, and all other special agricultural operations if 3 acres or more of land is used or if the products in the census year were valued at $250 or more. Livestock of any kind kept on properties that fall outside the scope of the census definition of "farm" must be reported on the schedule for *Livestock Not on Farms or Ranches.*

5. **Ranchers using public lands.**—Public land used by a rancher without rental is not a part of the rancher's farm. If he grazes animals entirely on public land without paying, write at the end of section II, "No land owned or rented."

Homestead land.—Land on which the farmer has settled under the homestead law, but has not proved up, should be reported as owned land.

6. **General method of filling out schedules.**—Take care to write legibly, and in particular to make figures so that they can be read at a glance. Be sure that you know the proper entry and where it should be made before making it, so as to avoid erasures.

7. **Source of information.**—Obtain information with regard to a farm from the farm operator in every case where this is possible. If it is necessary to accept the statements of a member of his family, or of some other person, be sure that this person is able to give you reliable information.

8. **Enumerator's record.**—Fill out carefully the blank spaces in the heading of the schedule. Enter the number of the judicial division and write in full the name of the recording district in which the farm is located. Abbreviations will not be permitted. The number of the enumeration district must appear in its proper place, and the farms must be numbered as you visit them, beginning with No. 1 and continuing in order through the enumeration district. The date on which the farm was enumerated and your signature complete the entries in the heading of the schedule. All figures must be legible and reasonably large.

9. **All questions to be answered in order.**—Give the information asked for on the schedule in the order of the inquiries. Inability to obtain exact data does not justify failure to answer a question. The most accurate returns that the circumstances permit must be obtained. If farm records or accounts are kept, take the figures from these. If such records are not available, careful estimates should in all cases be obtained or made. Where there are no crops or animals corresponding to the names listed in the schedule, leave the spaces opposite such names blank. Take care to give correctly, in section I, the name of the farm operator and the place where he resides, in detail, as given in the Population schedule. Make no entries in spaces marked thus: "x x x"

facts, including names or identity, from your census reports. Only sworn census employees will see your statements. Data collected will be used solely Your Census Reports Cannot be Used for Purposes of Taxation, Regulation, or Investigation.

OF COMMERCE—BUREAU OF THE CENSUS

CENSUS OF THE UNITED STATES: 1940

ON FARMS OR RANCHES—ALASKA

16-31

(SCHEDULE FOR EXPLANATIONS AND INSTRUCTIONS)

File No. .....

Enumeration District No. .....

....., Enumerator

FUR ANIMALS IN CAPTIVITY					Dogs (all dogs used as work animals, all ages)	Reindeer (all ages)	Horses and mules (all ages)	Cattle (all ages)	Sheep and lambs (all ages)	Goats and kids (all ages)	Hogs and pigs (all ages)
Blue foxes (all ages)	Silver foxes (all ages)	All other foxes (all ages)	Minks (all ages)	All other fur animals in captivity (all ages)							
(Number)	(Number)	(Number)	(Number)	(Number)	(Number)	(Number)	(Number)	(Number)	(Number)	(Number)	(Number)

Your report is required by Act of Congress. This Act also makes it unlawful for the Bureau to disclose any facts, including names or identity, from your census reports. Only sworn census employees will see your statements. Data collected will be used solely for preparing statistical information concerning the Nation's population, resources, and business activities. Your Reports Cannot be Used for Purposes of Taxation, Regulation, or Investigation.

Form No. AS-101

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
SIXTEENTH CENSUS
OF THE
UNITED STATES: 1940

AGRICULTURE
AMERICAN SAMOA

File No. _____

Island _____

District _____

County _____

Village _____

Enumeration District No. _____

Number of this property in order of visitation _____

Enumerated by me this ____ day of _____, 1940. _____
(Signature of enumerator)

After enumerating each household, ascertain whether any member of the household raised any crops in 1939 or kept any livestock on April 1, 1940. If so, report such crops and/or livestock on this schedule, except that in any case where *no* crops were raised and *no livestock other than poultry* was kept, do not make a report for fewer than five chickens or other poultry.

1. Name of operator _____ Age _____
(Name in full)

(a) Name of owner (if other than operator) _____

(b) Number of acres in this property _____
(Acres)

2. Sheet and line of Population schedule where operator's name appears: Sheet _____; Line _____

SECTION I.—FIELD CROPS

NAME OF CROP	Acres or fraction of acre harvested	PRODUCTION IN 1939	
		Unit	Quantity
3. Arrowroot		Pounds	
4. Sugarcane		Tons	
5. Sweetpotatoes		Bushels	
6. Taro		Number	
7. Tobacco		Pounds	
8. Yams		Bushels	
9. Other (specify) _____			

SECTION II.—FRUITS AND NUTS

NAME OF CROP	Number of trees or plants, April 1, 1940	PRODUCTION IN 1939	
		Unit	Quantity
10. Alligator pears		Number	
11. Bananas		Bunches	
12. Breadfruit		Number	
13. Citrons		Number	
14. Coconuts		Number	
15. Coffee		Pounds	
16. Lemons		Number	
17. Limes		Number	
18. Mangoes		Number	
19. Oranges		Number	
20. Papayas		Number	
21. Pineapples		Number	
22. Other (specify) _____			

SECTION III.—LIVESTOCK, ALL AGES

KIND	NUMBER ON APRIL 1, 1940
23. Carabaos	
24. Cattle, total	
25. Milk cows	
26. Other cattle	
27. Goats and kids	
28. Hogs and pigs	
29. Horses, mules, and colts	
30. Sheep and lambs	
31. Chickens	
32. Other poultry (specify) _____	

16—221 U. S. GOVERNMENT PRINTING OFFICE 179196

Your report is required by Act of Congress. This Act also makes it unlawful for the Bureau to disclose any facts, including names or identity, from your census reports. Only sworn census employees will see your statements. Data collected will be used solely for preparing statistical information concerning the Nation's population, resources, and business activities. Your Reports Cannot be Used for Purposes of Taxation, Regulation, or Investigation.

Form No. G-101

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
SIXTEENTH CENSUS
OF THE
UNITED STATES: 1940

AGRICULTURE
GUAM

File No. _____

Municipality _____

City, town, or barrio _____

Enumeration District No. _____

Number of this property in order of visitation _____

Enumerated by me this _____ day of _____, 1940.

_____
(Signature of enumerator)

After enumerating each household, ascertain whether any member of the household raised any crops in 1939 or kept any livestock on April 1, 1940. If so, report such crops and/or livestock on this schedule, except that in any case where *no* crops were raised and *no livestock other than poultry* was kept, do not make a report for fewer than five chickens or other poultry.

1. Name of operator _____ (Name in full) Age _____

(a) State whether owner, lessee, renter, or borrower ("squatter") of property _____

(b) Name of owner (if other than operator) _____

(c) Lot number or place name _____; (d) Number of acres in this property _____

2. Sheet and line of Population schedule where operator's name appears: Sheet _____; Line _____

SECTION I.—FIELD CROPS

NAME OF CROP	ACRES OR FRACTION OF ACRE HARVESTED	PRODUCTION IN 1939	
		Unit	Quantity
3. Arrowroot		Pounds	
4. Cassava		Pounds	
5. Corn		Bushels	
6. Rice		Bushels	
7. Sugarcane		Tons	
8. Sweetpotatoes		Bushels	
9. Taro		Number	
10. Tobacco		Pounds	
11. Yams		Bushels	
12. Other (specify)			

SECTION II.—FRUITS AND NUTS

NAME OF CROP	NUMBER OF TREES OR PLANTS, APRIL 1, 1940	PRODUCTION IN 1939	
		Unit	Quantity
13. Alligator pears		Number	
14. Bananas		Bunches	
15. Breadfruit		Number	
16. Cacao		Pounds	
17. Coconuts		Number	
18. Coffee		Pounds	
19. Grapefruit		Number	
20. Kapok		Pounds	
21. Lemons		Number	
22. Limes		Number	
23. Mangoes		Number	
24. Oranges		Number	
25. Papayas		Number	
26. Pineapples		Number	
27. Other (specify)			

SECTION III.—LIVESTOCK, ALL AGES

KIND	NUMBER ON APRIL 1, 1940
28. Carabaos	
29. Cattle, total	
30. Milk cows	
31. Other cattle	
32. Goats and kids	
33. Hogs and pigs	
34. Horses, mules, and colts	
35. Sheep and lambs	
36. Chickens	
37. Other poultry (specify)	

16—220

Your report is required by Act of Congress. This Act also makes it unlawful for the Bureau to disclose any facts, including names or identity, from your census reports. Only sworn census employees will see your statements. Data collected will be used solely for preparing statistical information concerning the Nation's population, resources, and business activities. Your Census Reports Cannot Be Used for Purposes of Taxation, Regulation, or Investigation.

Form No. H-101 File No. .....

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

SIXTEENTH CENSUS
OF THE
UNITED STATES: 1940

GENERAL SCHEDULE FOR FARMS, RANCHES, AND PLANTATIONS—HAWAII

16-255

County ..... Enumeration District No. .....

Island ..... Number of this farm in order of

Judicial District ..... visitation .....

Enumerated by me this ..... day of ....., 1940.

..... (Signature of Enumerator)

FOR EXPLANATIONS AND INSTRUCTIONS, SEE REVERSE SIDE OF SCHEDULE

I.—OPERATOR

Do not use | Tenure | Size | CODE A

1. Name of operator ..... Age 1
2. Number of operator's household in order of visitation, as given on Population Schedule... 2
3. Color or race of operator (check (√) in proper square):

1 ☐ Caucasian	4 ☐ Hawaiian	7 ☐ Korean			
2 ☐ Chinese	5 ☐ Part-Hawaiian	8 ☐ Negro			
3 ☐ Filipino	6 ☐ Japanese	9 ☐ Puerto Rican			
10 ☐ Other (specify):					

4. Number of days in 1939 operator worked off this farm for pay or income..... Days ..... If no days, write "None." B 1
5. Of days worked off the farm, how many were spent—
   (a) At farm work not connected with this farm? ..... Days 2
   (b) At nonfarming jobs, businesses, or professions? ..... Days 3
   NOTE.—Total of (a) and (b) must equal total days worked off the farm (Question 4).
6. Year when operator began to operate this farm ... . (Year) 4
7. Is this farm or plantation incorporated? .... (Yes or no) 5

FOR OFFICE USE ONLY

TENURE		ACRES					
Full owner	1	Under 3	1	20 to 29	6	250 to 499	11
Part owner	2	3 to 5	2	30 to 49	7	500 to 999	12
Manager	3	6 to 9	3	50 to 99	8	1,000 to 4,999	13
Share tenant	4	10 to 14	4	100 to 174	9	5,000 to 9,999	14
Other tenant	5	15 to 19	5	175 to 259	10	10,000 and over	15

II.—TENURE

8. If you rent any farm land from others, or manage any farm land for others, or use any Government land under permit, give name and address of owner:
   Name .....
   Address ..... (Street or R. D. No.) (Post office) (State or Territory)
9. Does the person from whom you rent this farm supply all the work animals? ..... (Yes or No)
10. Do you operate the farm reported on this schedule for others as hired manager? ..... (Yes or No)
11. How many acres of this farm do you own? .... A
12. How many acres do you rent from others? 3
    Sum of entries for Questions 11 and 12 must equal entry for Question 13, unless farm is operated by a hired manager.

III.—ACREAGE

	Acres	CODE
13. Total acreage of this farm..... All outlying or separate fields, meadows, pastures, woodland, and waste land operated by the person whose name is given under Question 1, whether owned, rented from others, or managed for others. AAA contract acreage must be included. Omit any land now rented to or cropped by others. Fill out a separate schedule for each tenant, renter, or cropper. Sum of entries for Questions 14 to 23, inclusive, must equal entry for Question 13.		4 K 1
Cropland		A
14. Land from which crops were harvested in 1939 (including irrigated land)..... All cropland, all tame and wild hay land, sod gardens, orchards, and vineyards in bearing, land occupied by berry plants and bushes in bearing, etc. Do not count the same land twice, even though two crops were harvested from it.		5
15. Land occupied at any time in 1939 by crops intended for harvest within the year, but from which no crop was harvested (because of failure, destruction, or quota restrictions, or for other reasons).....		6
16. Land from which no crop was harvested in 1939 but which was occupied by crops for future harvest (sugar cane, pineapple plants, orchard and berry plants and bushes not yet in bearing, drug plants, etc.).....		7
17. Cropland lying idle all of 1939, and land in fallow.....		8

III.—ACREAGE—Continued

	Acres	CODE
Pasture		A
18. Land used only for pasture in 1939 that could be plowed and used for crops without clearing, draining, or irrigating..... Report only pastured land that has been plowed within the last 10 years; omit cropland harvested and hay land cut.		9
19. Woodland and brushland used for pasture in 1939..... All woodland and brushland, including farm woodlots and timber tracts, natural or planted, on which animals were pastured.		10
20. All other land used for pasture in 1939..... Do not include land planted to grasses or other forage crops regularly cut during the year, which is classified as cropland. Do not include land in sparse woods, brush, or bushes, on which animals were pastured during the year, which is to be reported under Question 19.		11
Other land (not crop nor pasture)		
21. Woodland not used for pasture in 1939..... All woodland and brushland on which no animals were pastured.		12
22. Waste land (lava land, unusable hillside, etc.)...		13
23. All other land now in this farm (house, yards, barnyards, feed lots, lanes, roads, etc.).....		14
24. Land in preparation for planting, April 1, 1940 (included above): (a) Previously under cultivation.....		15
(b) Not previously under cultivation.....		16

IV.—VALUES

25. Total value of this farm (land and buildings), including farm land and buildings rented from others ..... $..... (Omit cents) 17
    Give amount for which this farm would sell. Omit value of farm implements and machinery, of livestock, of land rented to tenants or croppers, and of commercial mills, canneries, etc., and their equipment.
26. Value of all buildings used for agricultural and domiciliary purposes on this farm (included above..... $..... 18
27. Value of operator's dwelling house on this farm (included in answer to Question 26)..... $..... (Omit cents) 19
28. Value of all implements and machinery used in operating this farm (present market value)... $..... (Omit cents) 20
    Value of all farm implements, tools, tractors, wagons, harnesses, dairy equipment, threshing machines, and combines; of automobiles and motor trucks; of apparatus for pulping and drying coffee, and for drying fruits; and of all other farm machinery. Omit value of commercial mills and factories.

V.—MORTGAGE DEBT

B

NOTE.—The questions relating to mortgage debt must be answered if the operator, whose name appears under Question 1, owns all or any part of the farm reported on this schedule, but should not be answered if he owns no part of it.

29. Was there outstanding on April 1, 1940, any mortgage debt on land and/or buildings of this farm owned by you? ..... (Yes or No) 6
30. How many acres were covered by mortgage? 7
31. Total amount of such mortgage, including interest past-due and unpaid..... $..... 8
32. What was the annual rate (contract rate) of interest on the first-mortgage debt? ..... (Percent) 9

VI.—FARM LABOR

Number of workers 10 years old and over and wages paid for farm work (not including housework or construction work) on this farm

CLASS OF LABOR	Number of persons 10 years old and over working the equivalent of 2 or more days in the week of— March 24-30 this year	September 24-30 last year	Total cash wages paid during entire year 1939 for farm work on this farm	CODE C
	Number	Number	Dollars	
33. Operator and unpaid members of his family.....			x x x x x x x	1
34. Labor hired by month.....			$.....	2,3,4
35. Labor hired by day or week.....			$.....	5,6,7
36. Other (including piecework and contract labor).....			$.....	8,9,10

VII.—SPECIFIED EXPENDITURES

37. Amount expended in 1939 for feed for animals and poultry.....	$.....	11
38. Amount expended in 1939 for manure and fertilizer.....	$.....	12
39. Amount expended in 1939 for building materials.....	$.....	13

VIII.—EQUIPMENT AND FACILITIES, APRIL 1, 1940

Report, under Questions 40, 41, and 42, equipment belonging on this farm as of date of enumeration. Include automobiles owned by employees living on the farm Exclude motor busses and trailers.

	Number of units	Year of latest model	CODE B
40. Automobiles.....			10-11
41. Motor trucks.....			12-13
42. Tractors.....			14-15
43. Number of dwellings on this farm if incorporated..			16

IX.—IRRIGATION

44. Land in this farm or plantation that was irrigated in 1939..... Acres		17
45. Irrigated land from which crops were harvested in 1939 (included above) ... Acres		18

IX.—IRRIGATION—Continued

46. Irrigated crops harvested:
    Data for each of these crops must also be included in the figures given for the same crop in Section X, Crops Harvested.

	Acres harvested in 1939	Quantity harvested in 1939 — Unit	Quantity harvested in 1939 — Amount	CODE

47. Irrigated land used ONLY for grazing or pasture in 1939..... Acres .....
48. Irrigation enterprise supplying water:
    If water was not supplied by an irrigation enterprise, explain, as "Pumped from own well," "City water," etc.
    Name .....
    Address .....

X.—CROPS HARVESTED ON THIS FARM IN 1939

	Acres in crop	Acres harvested	Quantity harvested	CODE
Field crops				
49. Corn (field).....			Tons..... (Shelled)	D-049 X,2,3,4 D-050
50. Cotton.....			Lb..... (Unginned)	X,2,3,4 D-051
51. Irish potatoes.....			Cwt	X,2,3,4 D-052
52. Peanuts.....			Lb.....	X,2,3,4 D-053
53. Rice.....			Lb.....	X,2,3,4 D-054
54. Sweetpotatoes.....			Lb.....	X,2,3,4 D-055
55. Sugar cane.....			Tons.....	X,2,3,4 D-056
56. Taro—upland.....			Tons.....	X,2,3,4 D-057
57. Taro—wetland.....			Tons.....	X,2,3,4
58. Other field crops (specify).....				D- X,2,3,4 D- X,2,3,4
Forage crops (Report green weight)				
59. Alfalfa.....			Tons.....	D-059 X,2,3,4 D-060
60. Cane tops.....	x x x x x	x x x x x	Tons.....	X,2,3,4 D-061
61. Canna (edible).....			Bags.....	X,2,3,4 D-062
62. Cassava.....			Bags.....	X,2,3,4 D-063
63. Guinea grass.....			Tons.....	X,2,3,4 D-064
64. Kikuyu grass.....			Tons.....	X,2,3,4 D-065
65. Napier grass.....			Tons.....	X,2,3,4 D-066
66. Para grass.....			Tons.....	X,2,3,4
67. Other forage crops (specify).....				D- X,2,3,4 D- X,2,3,4
68. Value of all crops (Questions 49 to 67) produced in 1939 that were or are to be paid to landlord, sold, or traded..... $.....				F-1

Vegetables (except potatoes) harvested in 1939 for sale (or payment to landlord, or trade), not for home use	Acres or fraction of acre harvested	Value (omit cents)	CODE
69. Asparagus.....		$.....	E-69 X,2,3
70. Beans, green (string, Lima, yard-long, wax, and soy).....		$.....	E-70 X,2,3 E-71
71. Beets.....		$.....	X,2,3 E-72
72. Broccoli.....		$.....	X,2,3 E-73
73. Burdock (gobo).....		$.....	X,2,3 E-74
74. Cabbages, Chinese.....		$.....	X,2,3 E-75
75. Cabbages, head.....		$.....	X,2,3 E-76
76. Cantaloups and other melons except watermelons.....		$.....	X,2,3 E-77
77. Carrots.....		$.....	X,2,3 E-78
78. Corn, green.....		$.....	X,2,3 E-79
79. Cucumbers.....		$.....	X,2,3 E-80
80. Eggplant (long and round).....		$.....	X,2,3 E-81
81. Lettuce (leaf and head).....		$.....	X,2,3 E-82
82. Lotus root.....		$.....	X,2,3 E-83
83. Onions, bulb.....		$.....	X,2,3 E-84
84. Peppers, bell.....		$.....	X,2,3 E-85
85. Pumpkins.....		$.....	X,2,3 E-86
86. Squashes (summer, Italian, crookneck, winter).....		$.....	X,2,3 E-87
87. Tomatoes (including egg tomatoes).....		$.....	X,2,3 E-88
88. Watermelons.....		$.....	X,2,3 E-
89. Other vegetable crops (specify).....		$.....	X,2,3 E- X,2,3

X.—CROPS HARVESTED ON THIS FARM IN 1939—Continued

Fruits, coffee, and nuts	Acres or fraction of acre, April 1, 1940	CODE
90. Land in specified trees, plants, and vines, bearing and nonbearing (Questions 95–117), total		E-90 X,2,X
91. Bananas (included above)		E-91 X,2,X
92. Citrus fruits (included under 90)		E-92 X,2,X
93. Coffee (included under 90)		E-93 X,2,X
94. Pineapples (included under 90)		E-94 X,2,X

Citrus fruits	Number of trees or vines, April 1, 1940: Not of bearing age	Number of trees or vines, April 1, 1940: Of bearing age	Quantity harvested in 1939	CODE
95. Grapefruit			Lb.	D-095 X,2,1,4 D-096
96. Lemons			Lb.	X,2,1,4 D-097
97. Limes			Lb.	X,2,1,4 D-098
98. Oranges (except tangerines)			Lb.	X,2,1,4 D-099
99. Tangerines			Lb.	X,2,1,4
100. Other (specify)			Lb.	D- X,2,1,4
Other fruits				
101. Avocados (summer and winter)			Lb.	D-101 X,2,1,4 D-102
102. Bananas (all varieties)	x x x x x	x x x x x	Tons	X,2,1,4 D-103
103. Breadfruit			Lb.	X,2,1,4 D-104
104. Figs			Lb.	X,2,1,4 D-105
105. Grapes			Lb.	X,2,1,4 D-106
106. Loquats			Lb.	X,2,1,4 D-107
107. Mangoes			Lb.	X,2,1,4 D-108
108. Papayas			Tons	X,2,1,4 D-109
109. Passion fruit (all varieties)			Lb.	X,2,1,4 D-110
110. Pineapples	x x x x x	x x x x x	Tons	X,2,1,4 D-
111. Other (specify)				X,2,1,4 D-112
112. Coffee			Lb. (Parchment)	X,2,1,4 D-113
Nuts				
113. Cashew			Lb.	X,2,1,4 D-114
114. Coconuts			No.	X,2,1,4 D-115
115. Litchies			Lb.	X,2,1,4
116. Macadamia nuts (including plantings for soil-conservation purposes)			Lb.	D-116 X,2,1,4
117. Other (specify)			Lb.	D- X,2,1,4

118. Value of all fruits, coffee, and nuts (Questions 95 to 117) produced in 1939 that were or are to be paid to landlord, sold, or traded $ — F-2

XI.—NURSERY AND PLANT-FARM PRODUCTS — E 119 X,2

119. Trees, vines, bulbs, flowers, and field and garden plants grown for sale — Acres or fraction — Value of sales in 1939, $ — F-3

XII.—LIVESTOCK AND LIVESTOCK PRODUCTS

(In reporting dollar items, omit cents)

Domestic animals on farm; dairy products, wool, and mohair

Report all domestic animals of the specified kinds, whether belonging to the farm owner or operator or to others. Include animals belonging on this farm but grazing in national parks; but do not include any animals grazing on another farm.

	Quantity	Value	CODE
120. Horses of all kinds (including ponies) and colts on hand April 1, 1940, born before January 1, 1940 — Number		x x x x x x x x	G 1
121. Of these, how many were born since January 1, 1937? — Number		x x x x x x x x	2
122. Mules, asses, and burros on hand April 1, 1940, born before January 1, 1940 — Number		x x x x x x x x	3
123. Of these, how many were born since January 1, 1937? — Number		x x x x x x x x	4
124. Carabaos, all ages, on hand April 1, 1940 — Number		x x x x x x x x	5
125. Cattle and calves on hand April 1, 1940, born before January 1, 1940 — Number		x x x x x x x x	6
126. Steers and bulls on hand April 1, 1940, born before January 1, 1939 (included above) — Number		x x x x x x x x	7
127. Cows and heifers on hand April 1, 1940, born before January 1, 1938 (included under Question 125), total — Number		x x x x x x x x	8
128. Kept mainly for milk production — Number		x x x x x x x x	9
129. Kept mainly for beef production — Number		x x x x x x x x	10
130. Cows milked during any part of 1939 (whether still on the farm or not) — Number		x x x x x x x x	11
131. Milk produced in 1939 (8.6 pounds=1 gallon) — Gallons. Report all milk produced, whether consumed, sold, fed to stock, or otherwise disposed of.		x x x x x x x x	12
132. Butter churned in 1939 — Pounds		x x x x x x x x	13

XII.—LIVESTOCK AND LIVESTOCK PRODUCTS—Continued

Domestic animals on farm; dairy products, wool, and mohair—Continued

	Quantity	Value	CODE
133. Butter sold in 1939 — Pounds		$	G 14–15
134. Whole milk sold in 1939 — Gallons		$	16–17
135. Cream sold in 1939 (butterfat content) — Pounds		$	18–19
136. Value of all dairy products (milk, cream, butter, cheese, etc.) sold or traded in 1939	x x x x x	$ — F-4	
137. Sheep and lambs on hand April 1, 1940, born before October 1, 1939 — Number		x x x x x x x x	H 1
138. Yearling ewes on hand April 1, 1940, born between October 1, 1938, and October 1, 1939 (included above) — Number		x x x x x x x x	2
139. Ewes on hand April 1, 1940, born before October 1, 1938 (included under Question 137) — Number		x x x x x x x x	3
140. Sheep and lambs shorn in 1939 — Number. Report the number of sheep and lambs (whether still on the farm or not), not the number of fleeces. If shorn twice, write "Shorn twice."		x x x x x x x x	4
141. Total weight (unwashed) of wool shorn in 1939 — Pounds. If this farm has sheep on hand and no wool was shorn in 1939, explain in margin.		x x x x x x x x	5
142. Goats and kids on hand April 1, 1940, born before December 1, 1939, total — Number		x x x x x x x x	6
143. Angoras — Number		x x x x x x x x	7
144. Other — Number		x x x x x x x x	8
145. Mohair and kid hair clipped in 1939 — Pounds		x x x x x x x x	9
146. Hogs on hand April 1, 1940, born before December 1, 1939 — Number		x x x x x x x x	10
147. Sows and gilts on hand April 1, 1940, that have farrowed since December 1, 1939, or will farrow before June 1, 1940 — Number		x x x x x x x x	11
Animals butchered in 1939 by you or for you, for home use or for sale			
148. Cattle — Number		x x x x x x x x	12
149. Calves — Number		x x x x x x x x	13
150. Hogs and pigs — Number		x x x x x x x x	14
151. Sheep and lambs — Number		x x x x x x x x	15
Animals bought (or acquired by trading) and sold (or traded) in 1939			
152. Cattle bought in 1939 — Number		x x x x x x x x	16
153. Cattle sold alive in 1939 — Number		x x x x x x x x	17
154. Calves bought in 1939 — Number		x x x x x x x x	18
155. Calves sold alive in 1939 — Number		x x x x x x x x	19
156. Hogs and pigs bought in 1939 — Number		x x x x x x x x	20
157. Hogs and pigs sold alive in 1939 — Number		x x x x x x x x	21
158. Sheep and lambs bought in 1939 — Number		x x x x x x x x	22
159. Sheep and lambs sold alive in 1939 — Number		x x x x x x x x	23
160. Value of all livestock (except poultry and bees) sold or traded in 1939	x x x x x	$ — F-5	

Poultry and eggs

Questions 161–169 and 171 cover poultry purchased as well as that hatched on this farm.

	Quantity	Value	CODE
161. Chickens on hand April 1, 1940, hatched before December 1, 1939 — Number		x x x x x x x x	J 1
162. Chickens raised to marketable age in 1939 — Number		x x x x x x x x	2
163. Turkeys on hand April 1, 1940, hatched before December 1, 1939 — Number		x x x x x x x x	3
164. Turkeys raised to marketable age in 1939 — Number		x x x x x x x x	4
165. Ducks on hand April 1, 1940, hatched before December 1, 1939 — Number		x x x x x x x x	5
166. Ducks raised to marketable age in 1939 — Number		x x x x x x x x	6
167. Other poultry on hand April 1, 1940, hatched before December 1, 1939 (specify) — Number		x x x	CODE 7–8
— Number		x x x	
168. Other poultry raised to marketable age in 1939 (specify) — Number		x x x	CODE 9–10
— Number. If this farm has chickens on hand but raised none or produced no eggs in 1939, explain in margin.		x x x	
169. Total chickens, including broilers and fryers, sold alive or dressed in 1939. (Omit any sold as baby chicks) — Number		x x x x x x x x	11
170. Chicken eggs produced in 1939 — Dozens		x x x x x x x x	12
171. Value of all poultry, eggs, baby chicks, poults, etc., sold or traded in 1939	x x x x x	$ — F-6	

XII.—LIVESTOCK AND LIVESTOCK PRODUCTS—Continued

Bees, April 1, 1940

	Quantity	Value	CODE
172. Hives of bees owned by persons other than the operator of this farm but kept on this farm — Number		x x x x x x x x	J 13
173. Hives of bees owned by operator of this farm, kept on this farm and/or on non-farm land — Number		x x x x x x x x	14
174. Honey produced by bees owned by operator of this farm — Pounds		x x x x x x x x	15
175. Value of wool, mohair, meat, hides, etc., and honey and wax produced in 1939 that were or are to be sold or traded, and of bees sold in 1939		$ — F-7	

XIII.—FARM PRODUCTS CONSUMED

176. Value (estimated) of commodities produced on this farm in 1939 that were used by your family (on or off the farm) and by other households (if any) on this farm (meat, milk, poultry, eggs, honey, vegetables, fruits, fuel wood, etc.) $ (Omit cents) — F-8

XIV.—SUPPLEMENTAL INFORMATION

Specify any changes in the area of this farm or in your tenure since September 1939. If none, write "None."

Clarify any unusual entries in this report by adequate explanations below. In particular, comment on unusual crops, yields, values, acreages, location and ownership of livestock, etc.

If the answer to Question 15 shows acreage from which no crop was harvested because of failure, etc., specify kind and acreage of each crop which had been planted for harvest in 1939 but was not harvested because of crop failure, destruction, or low prices. Do not report as failure any crops that were grazed, hogged off, or otherwise harvested for any purpose.

If two or three crops were harvested in succession in 1939 from the same acreage, give acreage and names of first and subsequent crops.

If any interplanted crops were harvested in 1939, give acreage and name of principal crop and of interplanted crop.

If this farm or plantation lies in two or more Judicial Districts, give below the names of the Judicial Districts and the number of acres of that part lying in each.

Judicial District	Acres	Judicial District	Acres	CODE C 14 K 2, 3

EXPLANATIONS AND INSTRUCTIONS

1. **Definition of "farm."**—A farm, for Census purposes, consists of one or more tracts of land (not necessarily adjoining) on which some agricultural operations are performed or supervised by one person, either alone or with the assistance of members of his household or of hired employees. The land operated by a partnership is likewise treated as a farm. If a farm consists of two or more tracts of land, these may be held under different tenures, as when one tract is owned by the farmer and another tract is rented by him. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is treated as a farm. Thus on a plantation the land operated by each cropper, renter, or tenant should be reported as a separate farm, and the land operated by the owner or the manager by means of wage hands should likewise be reported as a separate farm. Do not report as a farm any tract of land of less than 3 acres, unless its agricultural products in 1939 were valued at $150 or more.

2. This schedule is to be used for enumerating all farms, ranches, plantations, and special agricultural operations conforming to the definition of "farm." Special care should be taken to record all operations which fall within the scope of that definition or which approach it closely enough so that there is any doubt. This applies to market gardens, truck and fruit farms, poultry establishments, city, town, and village dairies, and all other special agricultural operations if 3 acres or more of land is used or if the products in the census year were valued at $150 or more.

3. **Ranchers using public lands.**—Public land used by a rancher without rental is not a part of the rancher's farm. If he grazes animals entirely on public land without paying, write at the end of Section II "No land owned or rented."

4. **General method of filling out schedules.**—Take care to write legibly, and in particular to make figures so that they can be read at a glance. Be sure that you know the proper entry and where it should be made before making it, so as to avoid erasures.

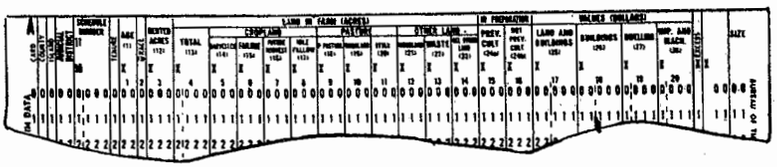
5. **Source of information.**—Obtain information with regard to a farm from the farm operator in every case where this is possible. If it is necessary to accept the statements of a member of his family, or of some other person, be sure that this person is able to give you reliable information.

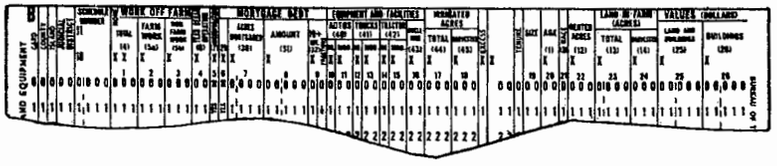
6. **Enumerator's record.**—Fill out carefully the blank spaces in the heading of the schedule. Enter the names of the island and county, and write in full the name of the Judicial District in which the farm is located. Do not abbreviate. The number of the enumeration district must appear in its proper place, and the farms must be numbered as you visit them, beginning with No. 1 and continuing in order through the enumeration district. The date on which the farm was enumerated and your signature complete the entries in the heading of the schedule. All figures must be legible and reasonably large.

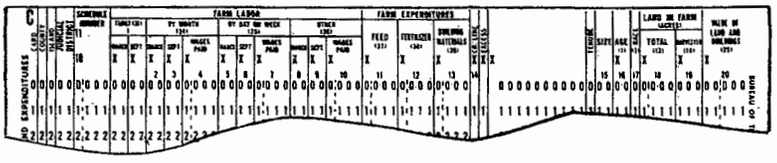
7. **All questions to be answered.**—Give the information asked for on the schedule for all the inquiries that apply to the farm being canvassed. Inability to obtain exact data does not justify failure to answer a question. The most nearly accurate returns that the circumstances permit must be obtained. If farm records or accounts are kept, take the figures from these. If such records are not available, careful estimates should in all cases be obtained or made. Where there are no crops or animals corresponding to the names listed in the schedule, leave the spaces opposite such names blank. Take care to give correctly, in Section I, the name of the farm operator and the visitation number of his household, as they appear on the Population schedule. Make no entries in spaces marked thus: "x x x."

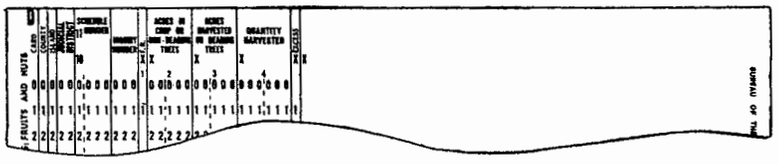
FOR DETAILED INSTRUCTIONS, SEE PAMPHLET ENTITLED "INSTRUCTIONS TO ENUMERATORS"

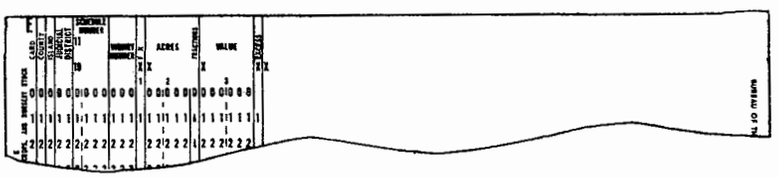
CARDS FOR HAWAII

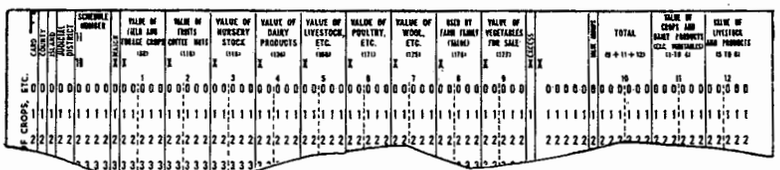


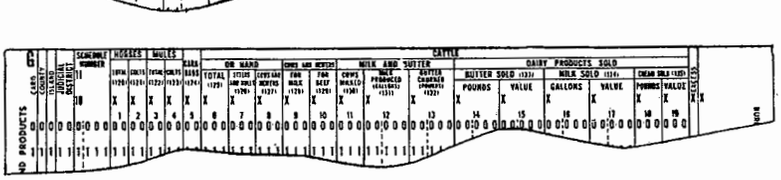


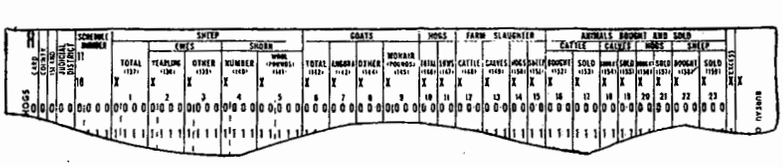


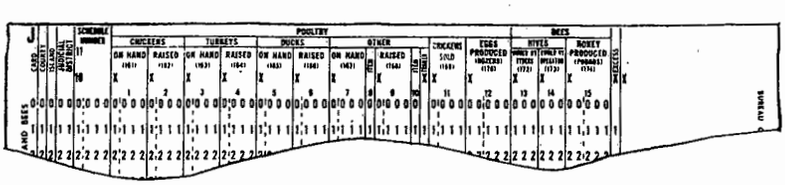


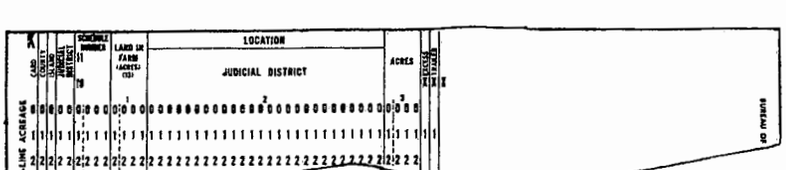






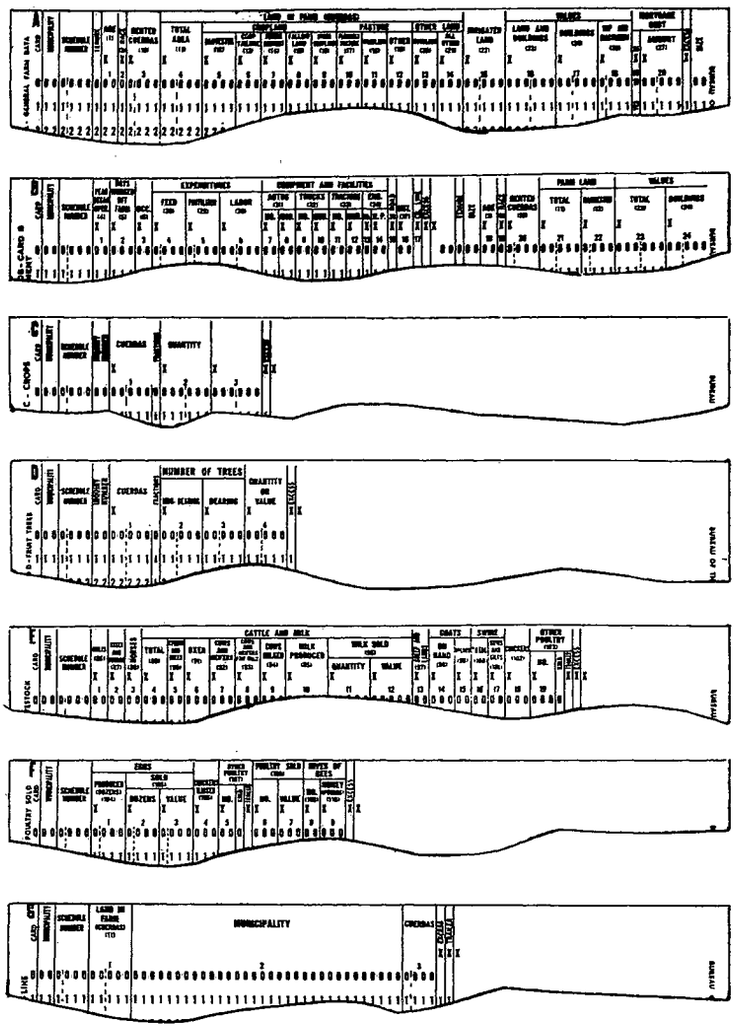








CARDS FOR FARM AND PLANTATION SCHEDULE FOR PUERTO RICO



Su informe es requerido por Ley del Congreso. Esta Ley tan bien declara ilegal para la Oficina del Censo revelar datos, incluyendo nombres o identidades, de su informe de censo. Solamente empleados de censo bajo juramento pueden examinar sus declaraciones. Los datos obtenidos sobre bienes exclusivamente para preparar información estadística respecto a la población, recursos, y actividades comerciales del país. Su Informe de Censo No Puede Ser Usado para Propósitos de Impuestos, Reglamentos, o Investigación

Forma No. PR-101 a

DEPARTAMENTO DE COMERCIO—OFICINA DEL CENSO

Municipalidad .....

CENSO DECIMOSEXTO DE LOS ESTADOS UNIDOS: 1940

Archivo No. .....

Distrito de Enumeración No. .....

Barrio .....

..... Enumerador.

ANIMALES DOMESTICOS FUERA DE FINCAS O HACIENDAS—PUERTO RICO

(VEA EL OTRO LADO DE LA TABLA PARA INSTRUCCIONES)

	CUADRAS, ESTABLOS, SOLARES, CORRALES, U OTROS RECINTOS			Ganado, todas edades (Número)	Caballos y mulas, todas clases y edades (Número)	Cerdos y lechones, todas edades (Número)	Cabras y cabritos, todas edades (Número)	Conejos, todas edades (Número)	Gallinas (Número)	Colmenas de abejas (Número)	
	Nombre del Propietario	Dirección de correo del Propietario	Localidad del recinto								
1											1
											2
											3

INSTRUCCIONES

CUANDO SE DEBE USAR ESTA TABLA.—Anote en esta tabla todos los animales de las clases especificadas que se encuentren en cuadras, establos, corrales, solares, y patios de casas, en o cerca de ciudades, pueblos, o aldeas, que no están cubiertos por la definición de "finca," según dada bajo el título "Cuando se debe usar la tabla de Fincas y Haciendas en lugar de esta tabla."

COMO SE DEBE LLENAR ESTA TABLA.—Al hacer las anotaciones en esta tabla, una línea debe ser usada para cada corral, solar, edificio, u otro recinto usado por completo o en parte para animales. No importa el numero de animales que se encuentran o a cuantos dueños diferentes puedan pertenecer.

CUANDO SE DEBE USAR LA TABLA DE FINCAS Y HACIENDAS EN LUGAR DE ESTA TABLA.—No anote en esta tabla los animales de cualquier "finca," no importa lo pequeña que sea. (Lea cuidadosamente la definición de "finca" en la Tabla General de Fincas y Haciendas.) Todos los animales domésticos en la finca deben ser anotados en la tabla de Fincas y Haciendas.

	CUADRAS, ESTABLOS, SOLARES, CORRALES, U OTROS RECINTOS			Ganado, todas edades (Número)	Caballos y mulas, todas clases y edades (Número)	Cerdos y lechones, todas edades (Número)	Cabras y cabritos, todas edades (Número)	Conejos, todas edades (Número)	Gallinas (Número)	Colmenas de abejas (Número)	
	Nombre del Propietario	Dirección de correo del Propietario	Localidad del recinto								
26											26
27											

Su informe es requerido por Ley del Congreso. Esta Ley también declara ilegal para la Oficina del Censo revelar datos, incluyendo nombres o identidades, de su informe de censo. Solamente empleados de censo bajo juramento podrán examinar sus declaraciones. Los datos obtenidos serán usados exclusivamente para preparar información estadística respecto a la población, recursos, y actividades comerciales del país. Su Informe de Censo No Puede Ser Usado para Propósitos de Impuestos, Reglamentos, o Investigación.

Forma No. PR-101

DEPARTAMENTO DE COMERCIO
OFICINA DEL CENSO

Archivo No. .....

Municipalidad . ...

CENSO DÉCIMOSEXTO DE LOS ESTADOS UNIDOS: 1940

Distrito de enumeración No. .....

Barrio . . ..

TABLA GENERAL PARA FINCAS Y HACIENDAS—PUERTO RICO

16-257

Número de esta finca en el orden de la visita.....

Enumerado por mí este día ..... de ....., 1940. .....
(Firma del enumerador)

PARA ACLARACIONES E INSTRUCCIONES, VEA EL OTRO LADO DE LA TABLA

I.—ADMINISTRADOR

No escriba en este espacio | Posesión | Tamaño

	Clave
1. Nombre del administrador ..... Edad	A
2. Número de la familia del administrador en el orden de la visita según anotado en la tabla de población.....	1
3. Color o raza (ponga marca [√] en el sitio apropiado): 1 ☐ Blanco; 2 ☐ De color (Negro o mixto); 3 ☐ Otra (anote)	2
4. Año cuando el administrador empezó a explotar esta finca..... (Año)	B 1
5. Número de días en 1939 el administrador trabajó fuera de la finca por jornal o salario..... (Días)	2
6. Anote la ocupación principal cuando trabajaba fuera de la finca..... Clave	3

Para uso de la oficina solamente

POSESIÓN		CUERDAS					
Propietario	1	Menos de 3	1	20 a 29	6	250 a 499	11
Propietario en parte	2	3 a 5	2	30 a 49	7	500 a 999	12
Administrador	3	6 a 9	3	50 a 99	8	1000 a 4999	13
Medianero	4	10 a 14	4	100 a 174	9	5000 ó más	14
Otro arrendatario	5	15 a 19	5	175 a 249	10		

II.—POSESIÓN

7. Si Ud. alquila terrenos de otros o administra cualquier terreno para otros, dé el nombre y dirección del dueño:

Nombre .....

Dirección ..... (Calle y número) (Ciudad) (Estado, Territorio, o posesión)

8. ¿Explota Ud. la finca anotada en este informe para otros como administrador asalariado?..... (Sí o No) — A

9. ¿Cuántas cuerdas de esta finca posee Ud.?..... —

10. ¿Cuántas cuerdas de esta finca alquila de otros?..... — 3

La suma de las anotaciones para las Preguntas 9 y 10 debe ser igual al total anotado para la Pregunta 11, a menos que la finca sea administrada por un administrador asalariado.

III.—ÁREA DE LA FINCA

	Cuerdas	Clave
11. Área total de esta finca..... Anote todos los cercados, praderas, terrenos en pastos, montes, y terrenos yermos administrados por la persona cuyo nombre aparece en la Pregunta 1, ya sean poseídos por él, alquilados de otros, o administrados para otros. Contratos con la A.A.A. (Administración de Ajuste Agrícola) deben ser incluídos. Omita cualquier terreno que es alquilado a otras personas. El total de los asientos para las preguntas 12 a 21, inclusivas, debe ser igual al asiento para la Pregunta 11.		4 G 1
Terrenos bajo cultivos en esta finca		
12. Terrenos de los cuales se obtuvieron cosechas en 1939..... Todos los terrenos cultivados, incluyendo parcelas en yerbas para forraje que fué cortada en 1939, y hortalizas y huertos en producción. No anote el mismo terreno dos veces, aunque se hayan obtenido dos cosechas en el mismo año. Incluya terrenos cultivados por agregados, pero no esos que son alquilados a medianeros.		A 5
13. Terrenos sembrados en cualquier tiempo durante 1939 para ser cosechados en ese año pero de los cuales no se cosecharon ningunos productos (a causa de fracaso, destrucción, o restricciones de cuota, o por cualquier otra causa).....		6
14. Terrenos de los cuales no se cosecharon productos en 1939 pero que estaban sembrados en cultivos para ser cosechados en el futuro (caña de azúcar, piñas, plantaciones de frutas y cocos que todavía no producen, etc.).....		7
15. Terrenos en barbecho (para mejorar la tierra y no usado para pastos) en 1939.....		8
16. Otros terrenos cultivables pero que no fueron cultivados en 1939.....		9
Pastos		
17. Terrenos usados para pastar en 1939 que pueden ser arados y usados para cultivos sin necesidad de limpieza o riego. (Anote solamente terrenos que han sido arados en cualquier época durante los últimos diez años).....		10
18. Montes y malezas usados para pastar en 1939. (Todos los terrenos en montes y malezas en los cuales se pastaron animales).....		11
19. Todos los otros terrenos usados para pastar en 1939..... No incluya terrenos sembrados del malojillo, yerba de guinea, u otras yerbas que se cortaron regularmente durante 1939 y que son clasificados como terrenos bajo cultivo, Pregunta 12. No incluya terrenos en montes poco densos y malezas en los cuales se pastaron ganado durante el año y que deben ser anotados bajo la Pregunta 18.		12
Otros terrenos (no bajo cultivo o pastos)		
20. Montes que no se usaron para pastar en 1939..... Todos los terrenos en montes y malezas en los cuales no se pastaron animales.		13
21. Todos los otros terrenos en esta finca..... Terrenos yermos que no están cubiertos de monte y malezas, o usados para pastar; incluya aquí patios, gallineros, veredas, caminos, etc.		14
22. Terrenos bajo riego en esta finca en 1939 (incluídos arriba).....		15

IV.—VALORES

	Clave
23. Valor total de esta finca (terrenos y edificios), incluyendo terrenos e edificios alquilados de otros..... $ Anote la cantidad por la cual esta finca puede ser vendida. Omita el valor de las herramientas y maquinarias, de los animales, de terrenos alquilados a arrendatarios, y de centrales, fábricas de envase de frutas, etc., y sus maquinarias y equipo.	A 16
24. Valor de todos los edificios en esta finca para propósitos agrícolas y de domicilio (incluídos arriba)..... $	17
25. Valor de las herramientas y maquinarias pertenecientes a esta finca..... $ Valor de aperos, herramientas, carretas, vagones, aparejos, y equipos de lecherías; y todas las máquinas, motores, tractores, automóviles, camiones, y otras maquinarias agrícolas.	18

V.—GRAVAMEN

Nota.—Las preguntas referente a la deuda hipotecaria deben ser contestadas si el administrador, cuyo nombre aparece en la Pregunta 1, posee toda o parte de la finca anotada en esta tabla pero no debe ser contestada si no posee parte de ella.

26. ¿Había en abril 1, 1940, alguna deuda hipotecaria pendiente sobre los terrenos o edificios de la finca anotada en esta tabla que era poseída por Ud.?..... (Sí o No)	19
27. Cantidad total de tal deuda hipotecaria, incluyendo interés y sin pagar..... $	20

VI.—GASTOS

28. Cantidad gastada en 1939 para alimento para animales y aves de corral..... $	B 4
29. Cantidad gastada en 1939 para estiércol y abono. $	5
30. Cantidad gastada en dinero en 1939 para jornales y salarios (excluya trabajos domésticos)... $	6

VII.—EQUIPO Y CONVENIENCIAS

Anote, bajo Preguntas 31–34, inclusiva, conveniencias pertenecientes a esta finca en el día de enumeración. Incluya automóviles que pertenecen a empleados los cuales viven en la finca.

	Número	Año del último modelo	
31. Automóviles.....			7, 8
32. Camiones (trucks).....			9, 10
33. Tractores.....			11, 12
34. Máquinas y motores eléctricos.....		X X X X X	13
(Total caballos de fuerza, máquinas y motores.....)			14

	Clave	
35. ¿Está la finca situada en una carretera?..... (Sí o No)		15
36. Clase de carretera: 1 ☐ De macádam o embreada; 2 ☐ Otra		
37. ¿Si la finca no está en una carretera, a qué distancia está de una carretera?.....		16

VIII.—PRODUCTOS COSECHADOS EN ESTA FINCA EN 1939

	Cuerdas o parte de cuerda cosechada	Cantidad cosechada	
			C–38
38. Caña de azúcar.....		Toneladas.....	1, 2 C–39
39. Tabaco.....		Libras.....	1, 2
Cereales y granos cosechados para consumo y semilla			C–40
40. Arroz.....		Quintales.....	1, 2 C–41
41. Frijoles.....		Quintales.....	1, 2 C–42
42. Gandules.....		Quintales.....	1, 2 C–43
43. Habichuelas (secas).....		Quintales.....	1, 2 C–44
44. Maíz.....		Quintales.....	1, 2 C–
45. Otro (anote).....			1, 2
46. Yerbas para forraje (yerbas que se cortan con regularidad durante el año, tales como malojillo, yerba de guinea, etc.).....		X X X X X X X X X X X	C–46 1, X
Cosechas misceláneas			C–47
47. Algodón.....		Libras.....	1, 2 C–48
48. Batatas.....		Quintales.....	1, 2 C–49
49. Malanga.....		Quintales.....	1, 2 C–50
50. Ñames.....		Quintales.....	1, 2 C–51
51. Papas.....		Quintales.....	1, 2 C–52
52. Yautías.....		Quintales.....	1, 2 C–53
53. Yuca.....		Quintales.....	1, 2 C–
54. Otro (anote).....			1, 2

16—11205

VIII.—PRODUCTOS COSECHADOS EN ESTA FINCA EN 1939—Continuado

	Cuerdas o parte de cuerda cosechada	Clave
Legumbres cosechadas para vender y no para uso de la familia		D–55
55. Berenjenas		1 D–56
56. Calabazas		1 D–57
57. Cebollas		1 D–58
58. Habichuelas tiernas		1 D–59
59. Lechuga		1 D–60
60. Pepinos		1 D–61
61. Pimientos		1 D–62
62. Quimbombó		1 D–63
63. Repollos de col		1 D–64
64. Tomates		1
65. Otras legumbres *excepto* papas, batatas, ñames, yautía, y yuca (anote)		D– 1

Legumbres vendidas

66. Valor de todas las legumbres y hortalizas (excepto papas, batatas, ñames, yautía, y yuca) cosechadas en 1939, que fueron pagadas al dueño de la finca o fueron vendidas (preguntas 55 a 65) $ — D–66 X,X,X,4

Frutas, café, cocos, etc.

	ABRIL 1, 1940: Cuerdas o parte de cuerda cosechada	ABRIL 1, 1940: Número de árboles o plantas — Que no producen	ABRIL 1, 1940: Número de árboles o plantas — Que producen	Cantidad cosechada en 1939	Clave
67. Aguacates	x x x			Número	D–67 X,2,3,4
68. Cacao	x x x			Libras	D–68 X,2,3,4
69. Café				Libras	D–69 1,2,3,4
70. Chinas				Número	D–70 1,2,3,4
71. Cidras	x x x			Número	D–71 X,2,3,4
72. Cocos				Número	D–72 1,2,3,4
73. Guayabas	x x x			Latas (5 gal.)	D–73 X,2,3,4
74. Guineos		x x x	x x x	Racimos	D–74 1,X,X,4
75. Limones (limas)	x x x			Número	D–75 X,2,3,4
76. Mangos	x x x			Número	D–76 X,2,3,4
77. Panas	x x x			Número	D–77 X,2,3,4
78. Papayas	x x x			Número	D–78 X,2,3,4
79. Piñas		x x x	x x x	Cajas	D–79 1,X,X,4
80. Plátanos		x x x	x x x	Racimos	D–80 1,X,X,4
81. Toronjas				Número	D–81 1,2,3,4
82. Vainilla	x x x			Libras	D–82 X,2,3,4
83. Otro (anote)					D– 1,2,3,4
					1,2,3,4

84. Terrenos en árboles y plantas que producen y no producen frutas (preguntas 67 a 83)—total en abril 1, 1940....Cuerdas o parte de una cuerda — D–85 1

85. Valor de todas las frutas, etc. (preguntas 67 a 83), producidas en esta finca en 1939 que fueron pagadas al dueño o fueron vendidas $ — D–86 X,X,X,4

IX.—ANIMALES, ABRIL 1, 1940, Y PRODUCTOS DE ANIMALES, 1939

Anote los animales en existencia en esta finca o incluenda en abril 1, 1940, nacidos antes de las fechas específicas ya pertenecen al administrador de la finca o a otros. No incluyn animales que pertenecen a esta finca pero que se pastan en otra finca.

		Clave
86. Mulas y muletos nacidos antes de enero 1, 1940	Número	E 1
87. Asnos y burros nacidos antes de enero 1, 1940	Número	2
88. Toda clase de caballos y potros nacidos antes de enero 1, 1940	Número	3
89. Total de ganado y becerros nacidos antes de enero 1, 1940	Número	4
90. Novillos y toros (incluídos arriba)	Número	5
91. Bueyes de trabajo (incluídos en la pregunta 89)	Número	6
92. Vacas y novillas (incluídas en 89), total	Número	7
93. Vacas y novillas para producción de leche (incluídas arriba)	Número	8
94. Vacas ordeñadas durante cualquier época en 1939 (ya estén o no en la finca)	Número	9
95. Leche de vaca producida en 1939. Anote toda la leche producida, y sea consumida, vendida, o de otro modo usado.	Cuartillos	10
96. Leche de vaca vendida en 1939	Cuartillos	11
	Valor $	12
97. Carneros y cordoros nacidos antes de octubre 1, 1939	Número	13
98. Total de cabras y cabritos nacidos antes de diciembre 1, 1939	Número	14
99. Total de cabras ordeñadas en 1939 (ya estén o no en la finca)	Número	15
100. Total de cerdos nacidos antes de diciembre 1, 1939	Número	16
101. Puercas y lechonas que han producido una cría de lechones desde diciembre 1, 1939, o que tendrán una cría antes de junio 1, 1940 (incluídas arriba)	Número	17
102. Gallinas en existencia en abril 1, 1940, incubadas antes de diciembre 1, 1939	Número	18
103. Otras aves de corral en existencia en abril 1, 1940, incubadas antes de diciembre 1, 1930 (pavos, patos, etc.); anote.... Número .... Número	Clave	19 F
104. Huevos producidos en 1939	Docenas	1
105. Huevos vendidos en 1939	Docenas	2
	Valor $	3
106. Gallinas criadas y dispuestas para vender en 1939 (ya sean incubadas o compradas)	Número	4
107. Otras aves de corral (pavos, patos, etc.) criadas y dispuestas para vender en 1939; anote.... Número .... Número	Clave	5
108. Aves de corral vendidas en 1939	Número	6
	Valor $	7
109. Colmenas de abeja en existencia en abril 1, 1940	Número	8
110. Miel de abejas producida en 1939	Libras	9

X.—INFORMACIÓN SUPLEMENTAL

Si esta finca o hacienda está situada en dos o más municipalidades, anote los nombres de las municipalidades y el número de cuerdas que se encuentran en cada una de dichas municipalidades.

Municipalidad	Cuerdas	Municipalidad	Cuerdas	Clave
				B 17
				G 2, 3

Doble y triple cultivo

Cultivos cosechados en 1939 en sucesión en el mismo terreno:

Nombre del primer cultivo cosechado	Nombre del segundo cultivo cosechado	Nombre del tercer cultivo cosechado	Cuerdas en el primer cultivo	Cuerdas en el segundo cultivo	Cuerdas en el tercer cultivo

Cultivos sembrados juntos en 1939

Nombre de los cultivos sembrados juntos			Cuerdas de cultivos sembrados juntos		
(1)	(2)	(3)	(1)	(2)	(3)

Agregados (no medianeros) — C–00

Número de familias de agregados que viven en esta finca — 1

Terrenos usados por los agregados por los cuales pagan en trabajo, en cosechas, o en dinero (incluídos bajo la Sección III).....Cuerdas o parte de una cuerda — 2

Terrenos usados por los agregados gratuitamente sin pagar en trabajos, en cosechas, o en dinero (incluídos bajo la Sección III).....Cuerdas o parte de una cuerda — 3

Aclare cualquiera anotación anormal en este informe, escribiendo, más abajo, las aclaraciones adecuadas. (Haga las observación necesarias sobre cosechas, rendimientos, tamaño de fincas, localidad y posesión de animales, etc., que sean excepcionales.) Si se hizo carbón en esta finca, anote la cantidad en latas o en mochilas.

ACLARACIONES E INSTRUCCIONES

1. Definición de "finca."—Una finca, para los propósitos del censo, consiste de una o más parcelas de terreno (no necesariamente adjuntos) en el cual operaciones agrícolas son llevadas a cabo por una persona, ya sea por sí solo o con la ayuda de miembros de su familia o administradas con la ayuda de trabajadores a jornal. Los terrenos explotados por socios son de la misma manera considerados como una finca. Si una finca consiste de dos o más parcelas de terreno, éstas pueden ser explotadas bajo posesión diferente, como cuando una parcela es poseída por un agricultor y otra parcela es alquilada por él. Cuando un propietario tiene uno o más medianeros (no agregados), arrendatarios, o administradores asalariados, los terrenos explotados por cada arrendatario o medianero (no por un agregado) deben ser anotados como una finca por separado y los terrenos explotados por el dueño o administrador asalariado con la ayuda de jornaleros o agregados deben ser de la misma manera anotados como una finca por separado. **No anote como una finca a una parcela de terreno de menos de 3 cuerdas, al menos que los productos agrícolas producidos en 1939 en dicha parcela tenían un valor de $100 o más.**

2. Tablas que se deben usar.—Con el objeto de obtener un inventorio completo de agricultura, dos tablas diferentes deben ser usadas: (1) Esta tabla, Tabla General para Fincas y Haciendas, y (2) Tabla para Animales Domésticos Fuera de Fincas. Después de haber completado la enumeración de cada familia en la tabla de Población, pregunte si cualquier miembro de la familia cultiva una finca o administra una cuadra, vaquería, gallinero, u otro recinto que contiene animales domésticos, y si tal es el caso, *y si la finca o recinto está en su distrito de enumeración*, entonces llene la tabla adecuada. *En ningún caso use ambas tablas para la misma propiedad.*

3. La Tabla General para Fincas y Haciendas será usada para enumerar todas las fincas, haciendas, y operaciones agrícolas especiales que se adjustan a la definición de "finca." Se debe tomar especial cuidado de anotar en esta tabla todas las operaciones que entran dentro la esfera de esa definición o que se acercan aproximadamente a dicha definición de finca aun en casos en que haya alguna duda.

Estos casos especiales se refieren a hortalizas, huertos de frutas, gallineros, y lecherías en pueblos y aldeas, y todas otras explotaciones agrícolas especiales, si 3 o más cuerdas de terrenos son usados o si el valor de los productos agrícolas durante el año de censo es $100 o más.

Cualquier clase de animales que se encuentran en propiedades que no satisfacen la definición de una "finca" deben ser anotados en la Tabla de Animales Domésticos Fuera de Fincas.

4. Método general para llenar la tabla.—Tenga cuidado de escribir claramente, y especialmente hacer los números tan legibles que puedan leerse facilmente. Esté seguro que Ud. sabe el asiento apropiado y donde debe ser escrito antes de escribirlo y de esta manera evitar borraduras.

5. Fuente de información.—En todos los casos en que es posible, obtenga la información acerca de la finca del dueño o administrador. Si es necesario aceptar los datos de otro miembro de la familia u otra persona, esté seguro que esta persona está bien capacitada para dar informacion correcta.

6. Registro del enumerador.—Llene cuidadosamente los espacios en blanco en el encabezamiento de la tabla. Anote el número de la municipalidad y escriba el nombre del barrio en donde la finca está situada. No abrevie. El número del distrito de enumeración debe ser anotado en su espacio apropiado, y las fincas deben ser numeradas consecutivamente según Ud. las visits, empezando con el número 1 y prosiguiendo en este orden por todo el distrito de enumeración.

7. Todas las preguntas deben ser contestadas.—Anote la información que se pide en la tabla para todas las preguntas que se aplican a la finca la cual se está anotando. Inhabilidad de obtener datos exactos no justifica dejar de contestar una pregunta. Los datos más aproximados que las circunstancias permiten deben ser obtenidos. Si el administrador tiene libros de contabilidad entonces obtenga los datos de dichos libros. Si no hay libros de contabilidad, cálculos aproximados deben ser obtenidos o hechos. Donde no hay cosechas o animales según se nombran en la tabla, deje los espacios que siguen dichos nombres en blanco. Tenga cuidado en anotar correcta y detalladamente, en la Sección I, el nombre del administrador de la finca, y el número de la familia del dueño o administrador en orden de la visita según dados en la tabla de Población. No haga asientos en los espacios marcados de esta manera: "xxx."

Your report is required by Act of Congress. This Act also makes it unlawful for the Bureau to disclose any facts, including names or identity, from your census report. Only sworn census employees will see your statements. Data collected will be used solely for preparing statistical information concerning the Nation's population, resources, and business activities. Your Census Report Cannot be Used for Purposes of Taxation, Regulation, or Investigation.

Form No. PR-101

Municipality_____

Barrio_____

DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS

SIXTEENTH CENSUS OF THE UNITED STATES: 1940

GENERAL SCHEDULE FOR FARMS AND PLANTATIONS—PUERTO RICO

File No._____

Enumeration District No._____

Number of this farm in order of visitation_____

Enumerated by me this_____ day of_____, 1940

_____ (Signature of enumerator)

FOR EXPLANATIONS AND INSTRUCTIONS, SEE REVERSE SIDE OF SCHEDULE

I.—OPERATOR

Do not write in this space: Tenure | Size

1. Name of operator_____ Age_____
2. Number of operator's household in order of visitation, as given on Population schedule_____
3. Color or race (place check (✓) in proper square):
   1 ☐ White; 2 ☐ Colored (Negro and mixed); 3 ☐ Other (specify)_____
4. Year when operator began to operate this farm_____ (Year)
5. Number of days in 1939 operator worked off this farm for pay or income_____ (Days)
6. Specify principal occupation when working off this farm_____ CODE

For office use only	Tenure		Cuerdas					
	Full owner....	1	Less than 3	1	20 to 29..	6	260 to 499....	11
	Part owner....	2	3 to 5.....	2	30 to 49..	7	500 to 999....	12
	Manager.....	3	6 to 9.....	3	50 to 99..	8	1,000 to 4,999	13
	Share-tenant..	4	10 to 14...	4	100 to 174	9	5,000 and over	14
	Other tenant..	5	15 to 19...	5	175 to 259	10		

II.—TENURE

7. If you rent any farm land from others, or manage any farm land for others, give name and address of owner:
   Name_____
   Address_____ (Street and number) (Post office) (State, Territory, or possession)
8. Do you operate the farm reported on this schedule for others as hired manager?_____ (Yes or No)
9. How many cuerdas of this farm do you own?_____
10. How many cuerdas do you rent from others?_____
    (Sum of entries for Questions 9 and 10 must equal entry for Question 11, unless farm is operated by a hired manager.)

III.—FARM AREA

Cuerdas

11. Total area of this farm_____
    (All outlying or separate fields, pastures, woodland, and waste land operated by the person whose name is given under Question 1, *whether owned, rented from others, or managed for others.* Contracts with the AAA must be included. Omit any land rented to others. The total of the entries for Questions 12 to 21, inclusive, must equal the entry for Question 11.)

Cropland

12. Land from which crops were harvested in 1939_____
    [All cropland, including areas of forage grass cut in 1939, gardens, and orchards in bearing (land occupied by berry plants and bushes in bearing, etc.). Do not count the same land twice, even though two crops were harvested from it. Include land cropped by agregados, but not that rented to share tenants.]
13. Land occupied at any time in 1939 by crops intended for harvest within the year, but from which no crop was harvested (because of failure, destruction, or quota restrictions, or for other reasons)_____
14. Land from which no crop was harvested in 1939 but which was occupied by crops for future harvest (sugarcane, pineapple plants, fruit orchards, coconut trees not yet in bearing, etc.)_____
15. Land in fallow (for soil improvement and not used for pasture) in 1939_____
16. Other cropland which could be cultivated but which was not cultivated in 1939_____

Pasture

17. Land used for pasture in 1939 that could be plowed and used for crops without clearing or irrigating_____
    (Report only land that has been plowed within the last ten years.)
18. Woodland and brush land used for pasture in 1939_____
    (All woodland and brush land on which animals were pastured.)
19. All other land used for pasture in 1939_____
    (Do not include land planted to grasses or other forage crops regularly cut during the year, which is classified as cropland, Question 12. Do not include land in sparse woods, brush, or brushes, on which animals were pastured during the year, which is to be reported under Question 18.)

Other Land (Not Cropland or Pasture)

20. Woodland not used for pasture in 1939_____
    (All woodland and brush land on which no animals were pastured.)
21. All other land in this farm_____
    (All waste land not in woodland or brush or used for pasture; also house yards, barnyards, lanes, roads, etc.)

22. Land in this farm irrigated in 1939 (included above)_____

CODE | SCHEDULE

IV.—VALUES

CODE

23. Total value of this farm (land and buildings), including farm land and buildings rented *from* others..... $_____
    (Give amount for which this farm would sell. *Omit* value of farm implements and machinery, of livestock, of land rented *to* tenants, and of commercial mills, canneries, etc., and their machinery and equipment.)
24. Value of all buildings used for agricultural and domiciliary purposes on this farm (included above)..... $_____
25. Value of implements and machinery belonging to this farm..... $_____
    (Value of all farm implements, tools, wagons, carts, harnesses, and dairy equipment; and of all engines, motors, tractors, automobiles, motortrucks, and other farm machinery.)

V.—MORTGAGE DEBT

Note.—The questions relating to mortgage debt *must* be answered if the operator, whose name appears under Question 1, *owns all or part* of the farm reported on this schedule, but should *not* be answered if he owns no part of it.

26. Was there *outstanding* on April 1, 1940, any mortgage debt on land or buildings of the farm reported on this schedule, that was owned by you?..... (Yes or No)
27. Total amount of such mortgage debt, including interest due and unpaid..... $_____

VI.—EXPENDITURES

28. Amount expended in 1939 for feed for animals and poultry..... $_____
29. Amount expended in 1939 for manure and fertilizer..... $_____
30. Amount expended in cash in 1939 for wages and salaries (exclude housework)..... $_____

VII.—EQUIPMENT AND FACILITIES

Report, under Questions 31-34, inclusive, equipment belonging to this farm as of date of enumeration. (Include automobiles which belong to employees who live on the farm.)

	Number	Year of latest model
31. Automobiles		
32. Motortrucks		
33. Tractors		
34. Engines and electric motors		X X X

(Total horsepower, machines and motors_____)

35. Is farm situated on a road?_____ (Yes or No)
36. Type of road: 1 ☐ Hard-surface; 2 ☐ Other — CODE
37. If farm is not on road, how far is it from a road?_____

VIII.—CROPS HARVESTED ON THIS FARM IN 1939

	Cuerdas or fraction of a cuerda harvested	Quantity harvested
38. Sugarcane		Tons
39. Tobacco		Lbs.
Cereals and legumes harvested for grain and for seed		
40. Rice		Cwt.
41. Cowpeas		Cwt.
42. Pigeon peas		Cwt.
43. Beans (dry)		Cwt.
44. Corn		Cwt.
45. Other (specify)_____		

	Cuerdas or fraction of cuerda harvested	Quantity harvested	CODE	SCHED-ULE
46. Forage crops (forage regularly cut during the year, such as malojillo, guinea grass, etc.)		x x x		
Miscellaneous Crops				
47. Cotton		Lbs.		
48. Sweetpotatoes		Cwt.		
49. Malanga		Cwt.		
50. Ñames		Cwt.		
51. Irish potatoes		Cwt.		
52. Yautías		Cwt.		
53. Yuca		Cwt.		
54. Other (specify)				

Vegetables Harvested for Sale, Not for Home Use

	Cuerdas or fraction of cuerda harvested
55. Eggplant	
56. Squashes or pumpkins	
57. Onions	
58. Beans, green	
59. Lettuce	
60. Cucumbers	
61. Peppers	
62. Okra	
63. Cabbages	
64. Tomatoes	
65. Other vegetables *except* potatoes, sweetpotatoes, ñames, yautía, and yuca (specify)	

Vegetables Sold or Traded

66. Value of all vegetables (except potatoes, sweetpotatoes, ñames, yautía, and yuca) produced in 1939, that were paid to landlord, sold, or traded (Questions 55 to 65) ..... $

Fruits, Coffee, Coconuts, etc.

	APRIL 1, 1940			Quantity harvested in 1939
	Cuerdas or fraction of cuerda harvested	Number of trees or plants		
		Not bearing	Bearing	
67. Avocados	x x x			Number
68. Cacao	x x x			Pounds
69. Coffee (green)				Pounds
70. Oranges				Number
71. Citrons	x x x			Number
72. Coconuts				Number
73. Guavas (guayabas)	x x x			5-gal. cans
74. Bananas		x x x	x x x	Bunches
75. Limes	x x x			Number
76. Mangoes	x x x			Number
77. Breadfruit	x x x			Number
78. Papayas	x x x			Number
79. Pineapples		x x x	x x x	Crates
80. Plantains		x x x	x x x	Bunches
81. Grapefruit				Number
82. Vanilla	x x x			Pounds
83. Other (specify)				

84. Land in bearing and nonbearing trees and plants (Questions 67 to 83)—total on April 1, 1940 ..... Cuerdas or fraction of cuerda .....

85. Value of all fruits, etc. (Questions 67 to 83), produced on this farm in 1939, that were paid to landlord, sold, or traded ..... $

IX.—LIVESTOCK, APRIL 1, 1940, AND LIVESTOCK PRODUCTS, 1939

CODE

Report livestock on this farm or plantation on April 1, born before the specified dates, whether belonging to the farm operator or to others. Do not include animals belonging to this farm but grazing on another farm.

86. Mules and mule colts born before January 1, 1940 .. Number
87. Asses and burros born before January 1, 1940 ..... Number
88. Horses of all kinds and colts born before January 1, 1940 ..... Number
89. Total cattle and calves born before January 1, 1940 .. Number
90. Steers and bulls (included above) ..... Number
91. Work oxen (included in Question 89) ..... Number
92. Cows and heifers (included in Question 89), total .. Number
93. Cows and heifers for milk production (included above) ..... Number
94. Cows milked during any part of 1939 (whether on the farm or not) ..... Number
95. Cows' milk produced in 1939 ..... Quarts
(Report all milk produced, whether consumed, sold, or otherwise disposed of.)
96. Milk (cows') sold in 1939 ..... Quarts / Value $
97. Sheep and lambs born before October 1, 1939 ..... Number
98. Total goats and kids born before December 1, 1939 .. Number
99. Total goats milked in 1939 (whether on farm or not) ..... Number
100. Total hogs and pigs born before December 1, 1939 .. Number
101. Sows and gilts that have farrowed since December 1, 1939, or will farrow before June 1, 1940 (included above) ..... Number
102. Chickens on hand April 1, 1940, hatched before December 1, 1939 ..... Number
103. Other poultry on hand April 1, 1940, hatched before December 1, 1939 (turkeys, ducks, etc.); specify
_____ Number _____ CODE
_____ Number _____
104. Eggs produced in 1939 ..... Dozens
105. Eggs sold in 1939 ..... Dozens / Value $
106. Chickens raised to marketable age in 1939 (whether hatched or purchased) ..... Number
107. Other poultry (turkeys, ducks, etc.) raised to marketable age in 1939; specify ..... CODE
_____ Number _____
_____ Number _____
108. Poultry sold or traded in 1939 ..... Number / Value $
109. Hives of bees on hand April 1, 1940 ..... Number
110. Honey produced from bees in 1939 ..... Pounds

X.—SUPPLEMENTAL INFORMATION

If this farm or plantation is located in two or more municipalities, give the names of the municipalities and the number of cuerdas in each of these municipalities.

Municipality	Cuerdas	Municipality	Cuerdas

Double and Triple Cropping

Crops harvested in 1939 in succession from the same acreage:

Name of 1st crop harvested	Name of 2nd crop harvested	Name of 3rd crop harvested	Cuerdas in 1st crop	Cuerdas in 2nd crop	Cuerdas in 3rd crop

Interplanted crops in 1939:

Names of interplanted crops			Cuerdas of interplanted crops		
(1)	(2)	(3)	(1)	(2)	(3)

CODE

Agregados (Not Share-tenants)

Number of agregados families living on this farm.....

Land used by the agregados for which payment is made in labor, in produce, or in cash (included under Section III)....Cuerdas or part of a cuerda.....

Land used by the agregados gratuitously without paying in labor, in produce, or in cash (included under Section III)...Cuerdas or part of a cuerda.....

Clarify any unusual entry in this report, writing adequate explanations below. (Comment on unusual crops, yields, size of farms, location and ownership of livestock, etc.) If charcoal was burnt on this farm, give amount in 5-gal. cans or in bags.

EXPLANATIONS AND INSTRUCTIONS

1. *Definition of "farm."*—A farm, for Census purposes, consists of one or more tracts of land (not necessarily adjoining) on which some agricultural operations are performed or supervised by one person, either alone or with the assistance of members of his household or of hired employees. The land operated by a partnership is likewise considered a farm. If a farm consists of two or more tracts of land, these may be held under different tenures, as when one tract is owned by the farmer and another tract is rented by him. When a land-owner has one or more tenants or renters (not agregados), or managers, the land operated by each renter or tenant (not by an agregado) should be reported as a separate farm, and the land operated by the owner or the manager by means of wage hands or agregados should likewise be reported as a separate farm. DO NOT REPORT AS A FARM A TRACT OF LAND OF LESS THAN 3 CUERDAS, UNLESS ITS AGRICULTURAL PRODUCTS IN 1939 WERE VALUED AT $100 OR MORE.

EXPLANATIONS AND INSTRUCTIONS—Continued

2. *Schedules to be used.*—In order to obtain a complete inventory of agriculture, two schedules are to be used: (1) This schedule, General Schedule for Farms and Plantations, and (2) the schedule for Domestic Animals Not on Farms. After completing your enumeration of each family on the Population Schedule, inquire whether any member of the family operates a farm, or maintains a stable, a dairy, a poultry farm, or any other enclosure containing domestic animals; and if so, and *if the farm or enclosure is in your enumeration district,* fill out the proper schedule. *Do not, in any case, use both schedules for the same property.*

3. The General Schedule for Farms and Plantations will be used for enumerating all farms, plantations, and special agricultural operations conforming to the definition of "farm." Special care should be taken to record, on this schedule, all operations that fall within the scope of that definition or that approach it closely, even in cases in which there is some doubt.

This applies to market gardens, fruit orchards, poultry establishments, town and village dairies, and all other special agricultural operations if three cuerdas or more of land are used or if the products in the census year are valued at $100 or more.

Domestic animals of any kind kept on properties that fall outside the scope of the census definition of "farm" must be reported on the schedule for Domestic Animals Not on Farms.

4. *General method of filling out schedules.*—Take care to write legibly, and in particular to make figures so that they can be read at a glance. Be sure that you know the proper entry and where it should be made before making it, so as to avoid erasures.

5. *Source of information.*—Obtain information with regard to a farm from the farm operator in every case where this is possible. If it is necessary to accept the statements of another member of his family, or of some other person, be sure that this person is able to give you reliable information.

6. *Enumerator's record.*—Fill out carefully the blank spaces in the heading of the schedule. Enter the number of the municipality and the name of the "barrio" in which the farm is located. Abbreviations will not be permitted. The number of the enumeration district must appear in its proper place, and the farms must be numbered consecutively as you visit them, beginning with No. 1 and continuing in order through the enumeration district.

7. *All questions to be answered.*—Give the information asked for on the schedule for all the inquiries that apply to the farm being canvassed. Inability to obtain exact data does not justify failure to answer a question. The most nearly accurate returns that the circumstances permit must be obtained. If farm records or accounts are kept, take the figures from these. If such records are not available, careful estimates should be obtained or made. Where there are no crops or animals corresponding to those listed on the schedule, leave the spaces which follow such names blank. Take care to give correctly, in Section 1, the name of the farm operator and the visitation number of his household, as they appear on the Population Schedule. Make no entries in the spaces marked thus: "x x x."

ILLUSTRATIVE EXAMPLE OF FARM REPORT

Your report is required by Act of Congress. This Act also makes it unlawful for the Bureau to disclose any facts, including names or identity, from your census reports. Only sworn census employees will see your statements. Data collected will be used solely for preparing statistical information concerning the Nation's population, resources, and business activities. Your Census Reports Cannot Be Used for Purposes of Taxation, Regulation, or Investigation.

Form No. VI–101 IL

Island .....

Quarter .....

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
SIXTEENTH CENSUS OF THE UNITED STATES: 1940

File No. .....

Enumeration District No. .....

GENERAL SCHEDULE FOR FARMS AND PLANTATIONS—VIRGIN ISLANDS

16-256

Number of this farm in order of visitation .....

Enumerated by me this ..... day of ....., 1940.

..... (Signature of Enumerator)

FOR EXPLANATIONS AND INSTRUCTIONS, SEE REVERSE SIDE OF SCHEDULE

Do Not Use: Tenure | Size

I.—OPERATOR

1. Name of operator ..... Age ..... — Code A 1
2. Number of operator's household in order of visitation, as given on Population Schedule ..... — Code 2
3. Color or race (place check [√] in proper square):
   1 ☐ White; 2 ☐ Colored (Negro and mixed);
   3 ☐ Other (specify) ..... — Code B 1
4. Year when operator began to operate this farm ..... (Year) — Code 2
5. Number of days in 1939 operator worked off this farm for pay or income ..... (Days) — Code 3
6. Specify principal occupation when working off this farm ..... — Code

For office use only

TENURE		ACRES					
Full owner	1	Under 3	1	20 to 29	6	260 to 499	11
Part owner	2	3 to 5	2	30 to 49	7	500 to 999	12
Manager	3	6 to 9	3	50 to 99	8	1,000 to 4,999	13
Share tenant	4	10 to 14	4	100 to 174	9	5,000 and over	14
Other tenant	5	15 to 19	5	175 to 259	10		

II.—TENURE

7. If you rent any farmland from others, or manage any farmland for others, give name and address of owner.
   Name .....
   Address ..... (Street and number). (Post office) (State, Territory, or possession)
8. Do you operate the farm reported on this schedule for others as hired manager? ..... (Yes or No)
9. How many acres of this farm do you own? ..... — Code A 3
10. How many acres do you rent from others? .....
    Sum of entries for Questions 9 and 10 must equal entry for Question 11, unless farm is operated by a hired manager.

III.—ACREAGE

	Acres	Code
11. Total acreage of this farm ..... All outlying or separate fields, pastures, woodland, and waste land operated by the person whose name is given under Question 1, whether owned, rented from others, or managed for others. AAA contract acreage must be included. Omit any land rented to others. The total of the entries for Questions 12 to 19, inclusive, must equal the entry for Question 11.	40	4
Cropland		
12. Land from which crops were harvested in 1939 ..... All cropland, including acreage of forage grass cut regularly in 1939, gardens and orchards in bearing, land occupied by berry plants and bushes in bearing, etc. Do not count the same land twice, even though two crops were harvested from it.		5
13. Land occupied at any time in 1939 by crops intended for harvest within the year, but from which no crop was harvested (because of failure, destruction, or quota restrictions, or for other reasons)		6
14. Land from which no crop was harvested in 1939 but which was occupied by crops for future harvest (sugarcane, pineapple plants, orchards, and berry plants and bushes not yet in bearing, drug plants, etc.)		7
15. Cropland lying idle all of 1939, not pastured		8
Pasture		(9 X)
16. Land (other than woodland and brushland) used for pasture in 1939 ..... Do not include land planted to grasses or other forage crops regularly cut during the year, which is classified as cropland. Do not include land in sparse woods, brush, or bushes, on which animals were pastured during the year, which is to be reported under Question 17.		10

III.—ACREAGE—Continued

	Acres	Code
Pasture—Continued		A
17. Woodland and brushland used for pasture in 1939 ..... All woodland and brushland on which animals were pastured.		11 (12X)
Other land (not crop nor pasture)		
18. Woodland not used for pasture ..... All woodland and brushland on which no animals were pastured.		13
19. All other land now in this farm (all waste land; also house yards, barnyards, lanes, roads, etc.)		14 (15X)

IV.—VALUES

20. Total value of this farm (land and buildings), including farmland and buildings rented from others ..... $ — 16
    Give amount for which this farm (Question 11) would sell. Omit value of farm implements and machinery, of livestock, of land rented to tenants, and of commercial mills, etc., and their equipment.
21. Value of all buildings used for agricultural and domiciliary purposes on this farm (included above) ..... $ — 17
22. Value of all implements and machinery belonging on this farm ..... $ — 18
    Value of all farm implements, tools, wagons, carts, carriages, harnesses, and dairy equipment and of all engines, motors, tractors, automobiles, motortrucks, and other farm machinery.

V.—MORTGAGE DEBT

NOTE.—The questions relating to mortgage debt must be answered if the operator, whose name appears under Question 1, owns all or any part of the farm reported on this schedule, but should not be answered if he owns no part of it.

23. Was there outstanding on April 1, 1940, any mortgage debt on land and/or buildings of the farm reported on this schedule that were owned by you? ..... (Yes or No) — 19
24. Total amount of such mortgage debt, including interest past due and unpaid ..... $ — 20

VI.—EXPENDITURES

		Code
25. Amount expended in 1939 for feed for animals and poultry	$	B 4
26. Amount expended in 1939 for manure and fertilizer	$	5
27. Amount expended in cash in 1939 for agricultural labor (exclusive of housework)	$	6

VII.—EQUIPMENT AND FACILITIES

Report, under Questions 28 to 31, inclusive, equipment belonging on this farm, as of date of enumeration. Include automobiles owned by employees living on the farm.

	Number of units	Year of latest model	Code
28. Automobiles	1		7, 8
29. Motortrucks			9, 10
30. Tractors			11, 12
31. Engines and electric motors		X X X X X X	13
Total horsepower, engines and electric motors			14

32. Is farm situated on an improved road? ..... (Yes or No)
33. Is road paved (with either macadam or tar)? ..... (Yes or No) — 15
34. If farm is not on an improved road, how far is it from such a road? ..... — Code 16

VIII.—CROPS HARVESTED ON THIS FARM IN 1939

Cereals and legumes harvested for grain or for seed	Acres harvested	Quantity harvested	Code
35. Beans (dry)		Lb.	C–35 1, 2
36. Corn		Cwt.	C–36 1, 2
37. Other (specify)			C– 1, 2
			C– 1, 2
38. Forage crops (grasses, etc., cut regularly for forage in 1939)		x x x x x x x x	C–38 1, 2
Miscellaneous crops			
39. Cassava		Lb.	C–39 1, 2
40. Cotton		Lb.	C–40 1, 2
41. Irish potatoes		Lb.	C–41 1, 2
42. Sugarcane		Tons	C–42 1, 2
43. Sweet potatoes		Cwt.	C–43 1, 2
44. Tanya		Cwt.	C–44 1, 2
45. Yams		Cwt.	C–45 1, 2
46. Other (specify)			C– 1, 2
			C– 1, 2

Vegetables harvested for sale or trade, not for home use	Acres or fraction of acre harvested	Code
47. Beans (green)		D–47 1
48. Cabbages		D–48 1
49. Carrots		D–49 1
50. Celery		D–50 1
51. Cucumbers		D–51 1
52. Eggplant		D–52 1
53. Okra		D–53 1
54. Onions		D–54 1
55. Peppers		D–55 1
56. Squashes		D–56 1
57. Tomatoes		D–57 1
58. Other vegetables, except potatoes, sweet potatoes, yams, tanya, and cassava (specify)		D– 1
		D– 1
		D– 1

Vegetables sold or traded

59. Value of all vegetables (except potatoes, sweet potatoes, yams, tanya, and cassava) produced in 1939 that were or are to be paid to landlord, sold, or traded ..... $ — D–59 X, X, X, 4

Fruits, nuts, etc.

Tree crops	Acres or fraction of acre	Number of trees: Not of bearing age	Number of trees: Of bearing age	Quantity harvested in 1939	Code
				Pounds	
60. Cacao	x x x x x				D–60 X, 2, 3, 4
61. Coconuts				Number	D–61 1, 2, 3, 4
62. Grapefruit				Boxes	D–62 1, 2, 3, 4
63. Guavas	x x x x x			5-gal. cans	D–63 X, 2, 3, 4
64. Limes and lemons	x x x x x			Boxes	D–64 X, 2, 3, 4
65. Mangoes	x x x x x			Number	D–65 X, 2, 3, 4
66. Oranges				Boxes	D–66 1, 2, 3, 4
67. Other (specify)	x x x x x				D– X, 2, 3, 4
	x x x x x				D– X, 2, 3, 4

Other fruit crops	Acres or fraction of acre—both bearing and nonbearing	Quantity harvested in 1939	Code
		Bunches	
68. Bananas			D–68 1, X, X, 4
69. Pineapples		Boxes	D–69 1 X, X, 4
70. Plantains		Bunches	D–70 1, X, X, 4
71. Other (specify)			D– 1, X, X, 4
			D– 1, X, X, 4

72. Land in bearing and nonbearing trees and plants (Questions 60 to 71)—total on April 1, 1940, acres or fraction of acre ..... — D–72 1

73. Value of all fruits, etc. (Questions 60 to 71), produced in 1939, that were or are to be paid to landlord, sold, or traded ..... $ — D–73 X, X, X, 4

IX.—LIVESTOCK, APRIL 1, 1940, AND LIVESTOCK PRODUCTS, 1939

Report livestock present on this farm or plantation on April 1, born before the specified dates, belonging to the farm operator or others; do not include animals belonging to this farm but grazing on another farm.

		Code
74. Horses of all kinds (including ponies) and colts born before January 1, 1940	Number	E 1
75. Mules and mule colts born before January 1, 1940	Number	2
76. Asses and burros born before January 1, 1940	Number	3
77. Total cattle and calves born before January 1, 1940	Number	4
78. Steers and bulls (included above)	Number	5
79. Cows and heifers (included under Question 77), total	Number	6
80. Kept mainly for milk production (included under 77)	Number	7
81. Kept mainly for beef production (included under 77)	Number	8
82. Cows milked during any part of 1939 (whether still on the farm or not)	Number	9
83. Cows' milk produced in 1939. Report all milk produced, whether consumed, sold, or fed to stock, or otherwise disposed of.	Gallons	10
84. Whole milk (cow's) sold or traded in 1939	Gallons	11 (12X)
85. Sheep and lambs born before October 1, 1939	Number	13
86. Goats and kids born before December 1, 1939	Number	14 (15X)
87. Swine born before December 1, 1939	Number	16 (17X)
88. Chickens on hand April 1, 1940, hatched before December 1, 1939	Number	18
89. Other poultry on hand April 1, 1940, hatched before December 1, 1939 (turkeys, ducks, etc.); specify	Number (Code)	19
	Number	
90. Eggs produced in 1939	Dozens	F 1
91. Eggs sold or traded in 1939	Dozens	2
	Value $ (Omit cents)	3
92. Chickens raised to marketable age in 1939	Number	4
93. Other poultry (turkeys, ducks, etc.) raised to marketable age in 1939; specify	Number (Code)	5
	Number	
94. Poultry sold or traded in 1939	Number	6
	Value $ (Omit cents)	7
95. Hives of bees on hand April 1, 1940	Number	8
96. Honey produced in 1939	Pounds	9

SUPPLEMENTAL INFORMATION

Describe any important changes in the size or character of this farm or in ownership, tenancy, etc. Also please comment on unusual conditions regarding acreage, production, yields, crop failure, location of livestock, etc. If any land is irrigated, give number of acres.

EXPLANATIONS AND INSTRUCTIONS

1. **Definition of "farm."**—A farm, for Census purposes, consists of one or more tracts of land (not necessarily adjoining) on which some agricultural operations are performed or supervised by one person, either alone or with the assistance of his household or of hired employees. The land operated by a partnership is likewise considered a farm. If a farm consists of two or more tracts of land, these may be held under different tenures, as when one tract is owned by the farmer and another tract is rented by him. When a landowner has one or more tenants, renters, or managers, the land operated by each is considered a farm. Thus on a plantation the land operated by each renter or tenant should be reported as a separate farm, and the land operated by the owner or the manager by means of wage hands should likewise be reported as a separate farm. Do not report as a farm any tract of land of less than 3 acres, unless its agricultural products in 1939 were valued at $100 or more.

2. This schedule is to be used for enumerating all farms, plantations, and special agricultural operations conforming to the definition of "farm." Special care should be taken to record all operations that fall within the scope of that definition or that approach it closely enough so that there is any doubt.

This applies to market gardens, truck and fruit gardens, poultry establishments, town and village dairies, and all other special agricultural operations if 3 acres or more of land is used or if the products in the census year were valued at $100 or more.

3. **General method of filling out schedule.**—Take care to write legibly, and in particular to make figures so that they can be read at a glance. Be sure that you know the proper entry and where it should be made before making it, so as to avoid erasures.

4. **Source of information.**—Obtain the information from the farm operator in every case where this is possible. If it is necessary to accept the statements of a member of his family, or of some other person, be sure that this person is able to give you reliable information.

5. **Enumerator's record.**—Fill out carefully the blank spaces in the heading of the schedule. Enter the name of the island and that of the quarter in which the farm is located. Do not abbreviate. The number of the enumeration district must appear in its proper place, and the farms must be numbered as you visit them, beginning with No. 1 and continuing in order through the enumeration district. The date on which the farm was enumerated and your signature complete the entries in the heading of the schedule. All figures must be legible and reasonably large.

6. **All questions to be answered.**—Give the information asked for on the schedule for all the inquiries that apply to the farm being canvassed. Inability to obtain exact data does not justify failure to answer a question. The most nearly accurate returns that the circumstances permit must be obtained. If farm records or accounts are kept, take the figures from these. If such records are not available, careful estimates should in all cases be obtained or made. Where there are no crops or animals corresponding to the names listed in the schedule, leave the spaces opposite such names blank. Take care to give correctly, in Section I, the name of the farm operator and the visitation number of his household as given on the Population schedule. Make no entries in the spaces marked thus: "x x x."

CHAPTER II. USES OF AGRICULTURE CENSUS STATISTICS IN EDUCATION

CONTENTS

	Page
Farm Census sets up ideal of service	149
Use of Census data in visual education	149
Minor civil division tabulations	149
Subjects in which Census data may be used by schools	149
Maps made in public schools of Providence, Rhode Island	150
Samples of maps and charts included in Agriculture Census publications	152
Uses of 1940 Census data in schools	160
The minor civil divisions	160
Specific uses of minor civil division tables	160
An illustration	160
Table A.—Selected averages for the State of Maine and five towns comprising the service area of Gorham High School, 1940 Census	160
Land use	160
Value of buildings and equipment	161
Horses and colts	161
Hogs	161
Cows and heifers kept for milk	161
Milk produced	161
Poultry	161
Field crops	161
Corn for grain	161
Corn for silage	161
Clover or timothy hay, alone or mixed	161
Sample minor civil division tabulations	162
M. C. D. map of Gorham High School Service Area	166
Census data and farm management teaching	167
The basis for the agriculture of the State	167
Land use	167
Livestock numbers and production	167
Use of mimeo maps	167
Township census data	167
Results obtained	167
Sample problems	167
Michigan maps showing 1935 Census data by counties	168
Publication of 1940 Census data	196
List of material available	197

USES OF AGRICULTURE CENSUS STATISTICS IN EDUCATION

Farm Census sets up ideal of service.—"Production for use" is such an intriguing slogan that we want to borrow it and apply it to the gathering and distributing of Census information. Many persons still think of the Census volumes as huge tomes of thousands of pages of column upon column of figures, difficult to obtain and still more difficult to use.

With the help of educational magazines and radio stations, we are trying to put this vast store of knowledge into actual everyday use and to publish it in such way that everyone may get some good from it. Businessmen, manufacturers, merchants, advertisers, and bankers utilize the data in numerous ways, mostly to help earn or save dollars, but this is not sufficient. The everyday citizen has a right to and a need for this Census information, but he is handicapped by unfamiliarity with statistics and appalled by long columns of figures.

Many farm statisticians, through years of experience, have come to the conclusion that there is just one way by which the everyday man will become accustomed to statistics, and be able to use them correctly and to his own advantage—that is, to bring him up with the figures, teach him the use in connection with each stage of education, and make the figures and what they represent a part of everyday life and thought. This may sound like a Utopian dream, but our sister republic to the south—Mexico—has been using, in the elementary grade schools for several years, colored charts and diagrams displaying in color essential and interesting agricultural facts.

Use of Census data in visual education.—Mr. Henry E. Childs, Supervisor of Visual Education in the public schools of Providence, Rhode Island, in an article entitled "America's Resources Symbolized in Color" shows how Census statistics may be used in visual education. In an attempt to visualize the diversity of the Nation's wealth, a series of maps of small sections of the United States was prepared and intriguing symbols and attractive color schemes were devised. The maps were designed for use in the schools of Providence so the specifications were drawn up to meet local conditions. The Census reports by counties were used as source material for making the maps. The plan adopted is such a simple and interesting one that it could be adapted for use in the lower grades or it could be greatly extended in presenting agricultural information to the higher grades; and for the use of the public. This method could be used in numerous ways in teaching many of the subjects of the grammar schools and it could also be used to advantage in various types of advertising, commercial art, and commercial work. Illustrations of the maps are shown on accompanying pages.

Minor civil division tabulations.—The Bureau of the Census, recognizing the need of having detailed agricultural figures on a geographic area smaller than the county, secured the major items of the 1940 Census of Agriculture on the basis of townships or other minor civil divisions, which are the most convenient political subdivisions for use in an enumeration. There are about 50,000 such units in the United States in which agricultural operations are carried on and there are several thousand more if city territory is included. It is possible, in studying either the production or marketing within such areas, also to obtain farm statistics for the 1935 Census so that a general understanding of the current trends may be obtained.

Other developments that can be used to advantage with minor civil division data are the aerial photographs which are now being used on a large scale by governmental and private agencies for numerous purposes, and the farm address system by which all farms can be designated just as houses are in cities, thus giving to each farm the equivalent of a "local habitation and a name."

With all these improvements now at the command of every school teacher, it is easily possible to develop a system of local land-mapping with records of the acreage of crops, number of livestock, and other farm information which is in constant demand. The ideal project of this kind would provide for the following uses:

1. The local mapping project as an agricultural exercise.
2. The recording and tabulating of agricultural statistics, familiarizing the students with the entire subject.
3. The determination of boundaries of minor civil divisions and counties which are not always definitely known at present.
4. The tabulation of agricultural information by soil types, distance from market, population characteristics, and other social and economic data which are of use, not only for school purposes, but for the country at large.

Such close study of local farm statistics would:

(a) Make it possible for the Bureau of the Census and the Department of Agriculture to obtain reports more easily through trained enumerators, developed by this method.

(b) Do away with difficulty encountered in unknown boundary lines, particularly minor civil divisions.

(c) Educate the general public and thus lessen the resistance which enumerators encounter in areas where methods and purposes of the Census are not generally understood.

(d) Finally result in very accurate and complete statistics for the United States as a whole, beginning with the minor civil division.

This phase of the subject can not be emphasized too strongly from the standpoint of national statistics. It has been the universal experience of the farm statisticians that the greater the knowledge of agricultural conditions and the wider the publicity of the Census, the more accurate and complete the data which will be obtained, whether they be those of a national census or of a limited agricultural survey.

Subjects in which Census data may be used by schools.—Without going into detail in regard to each, here are a few of the subjects in which Census material may be used to advantage by the schools:*

Agriculture	Sociology
Arithmetic, algebra, and higher mathematics	History
	Extension
Geography	Home economics
Drawing and drafting	Journalism
Mapping	Statistics
Economics	Reference home work
Farm management	

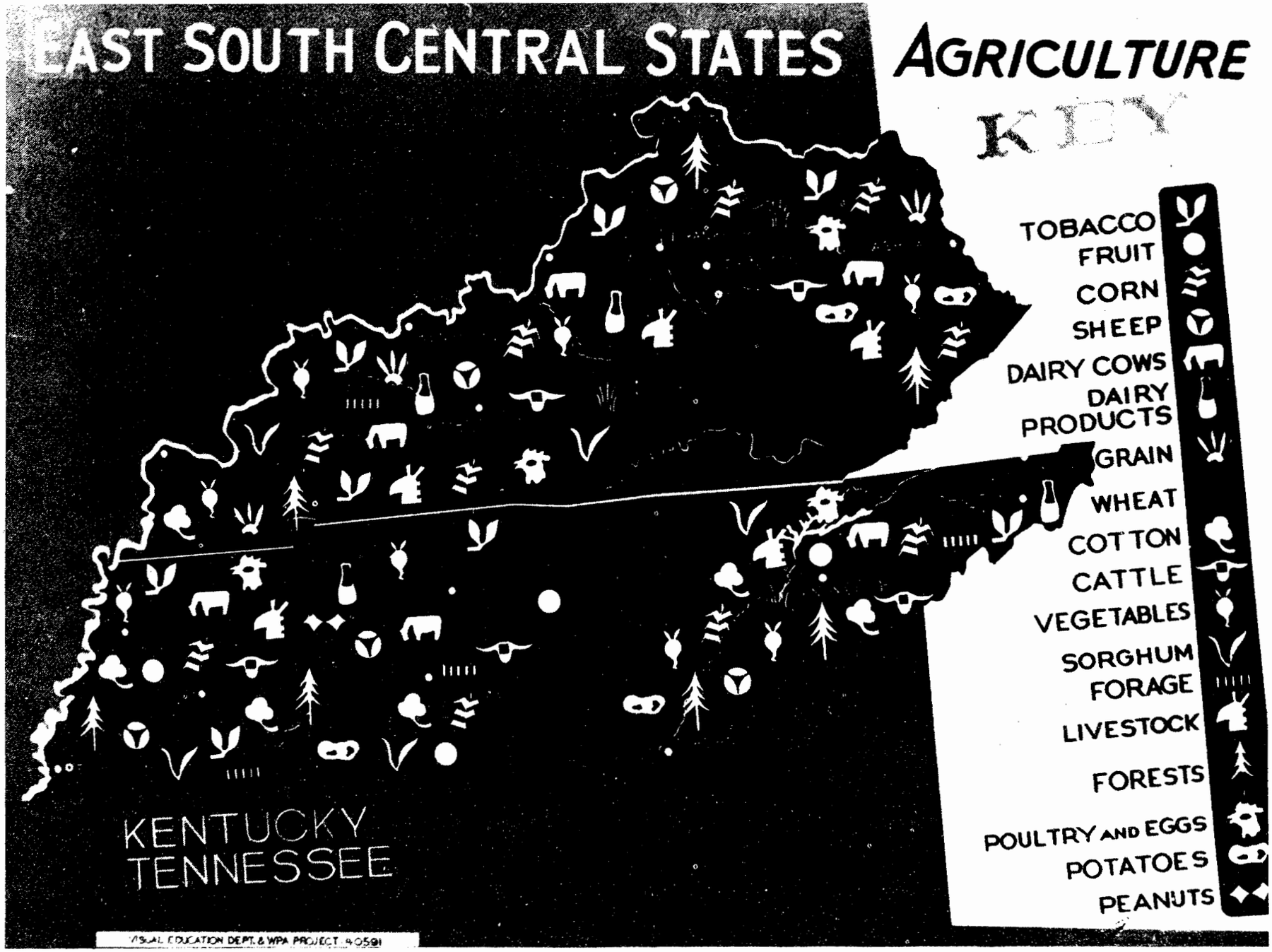
A few of the examples of the use in common school exercises are: calculation of percentage of increase and decrease of various items from census to census, or the percent of the total in each crop or class of livestock; in higher mathematics, calculation of coefficients of correlation or variance, etc.; in mapping, the making of dot, cross-hatch or shaded maps for townships, counties, or States, in connection with geography, drawing, etc. Illustrations of some of the maps and charts which are included in the Census publications are shown on succeeding pages.

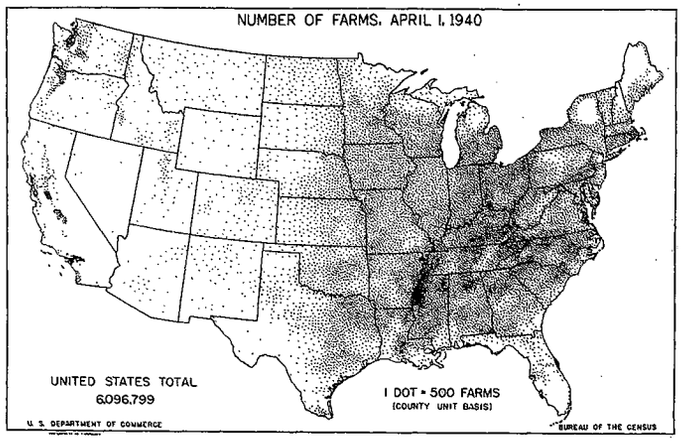
*Agricultural Education—Issues August and September 1937—describes methods used.

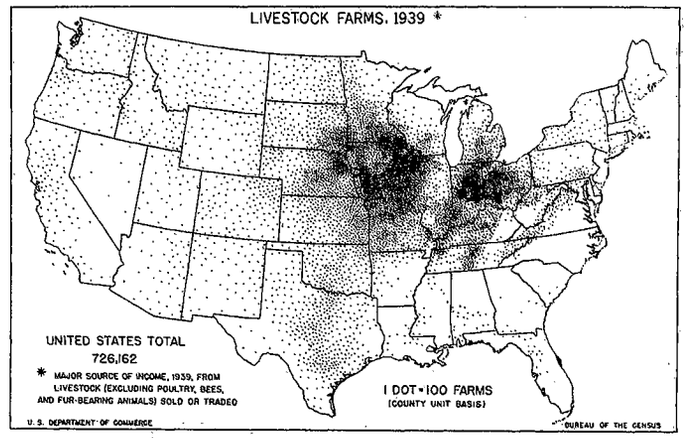
MAP OF CALIFORNIA MADE IN PUBLIC SCHOOLS OF PROVIDENCE, RHODE ISLAND

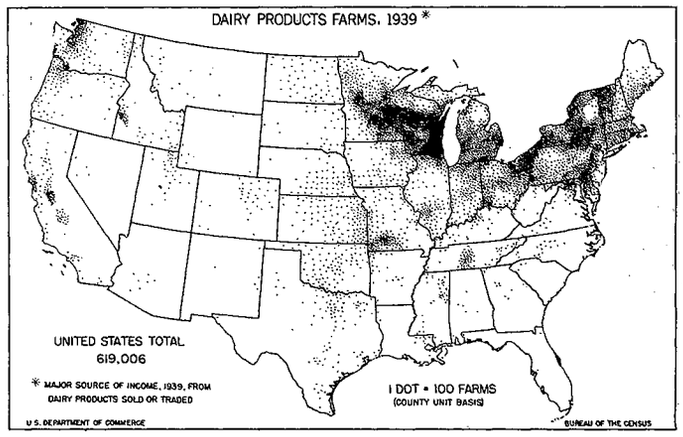


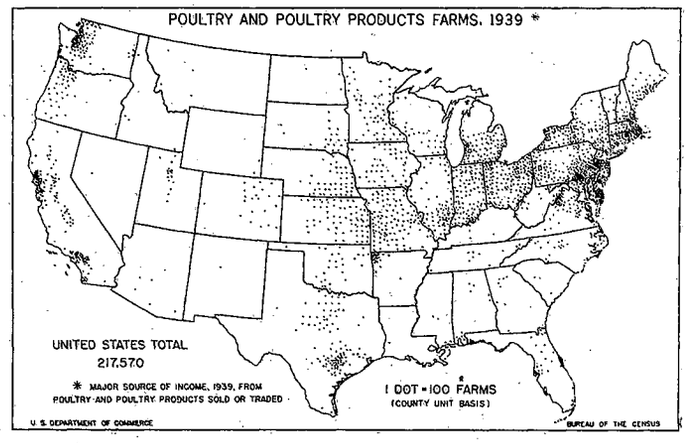
MAP OF KENTUCKY AND TENNESSEE MADE IN PUBLIC SCHOOLS OF PROVIDENCE, RHODE ISLAND

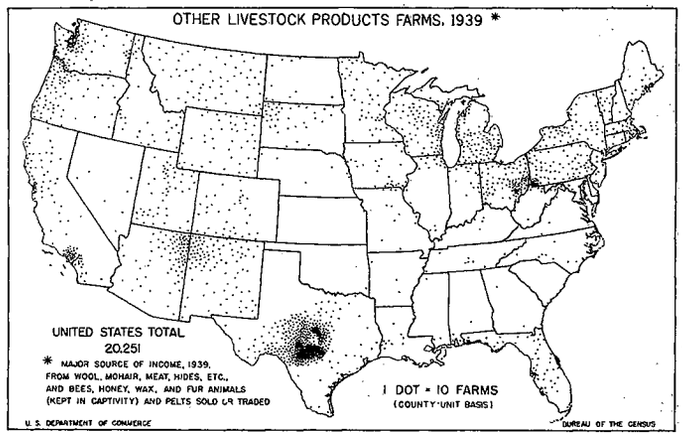


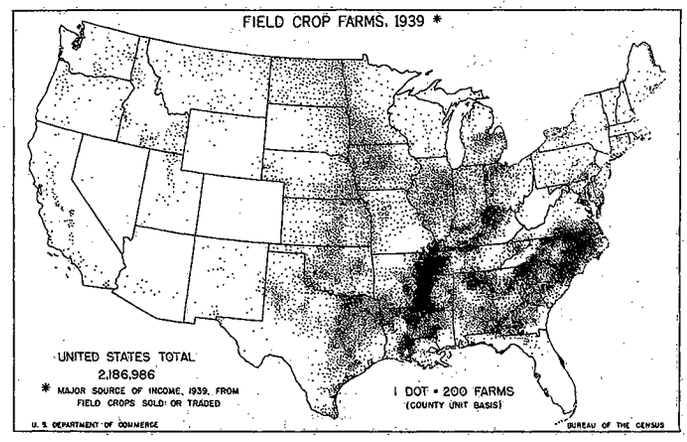

NUMBER OF FARMS, APRIL 1, 1940
UNITED STATES TOTAL
6,096,799
1 DOT = 500 FARMS
(COUNTY UNIT BASIS)
U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

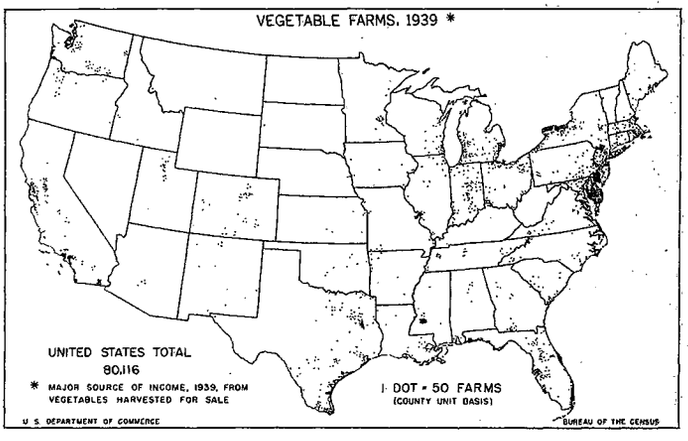

LIVESTOCK FARMS, 1939 *
UNITED STATES TOTAL
726,162
* MAJOR SOURCE OF INCOME, 1939, FROM LIVESTOCK (EXCLUDING POULTRY, BEES, AND FUR-BEARING ANIMALS) SOLD OR TRADED
1 DOT = 100 FARMS
(COUNTY UNIT BASIS)
U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

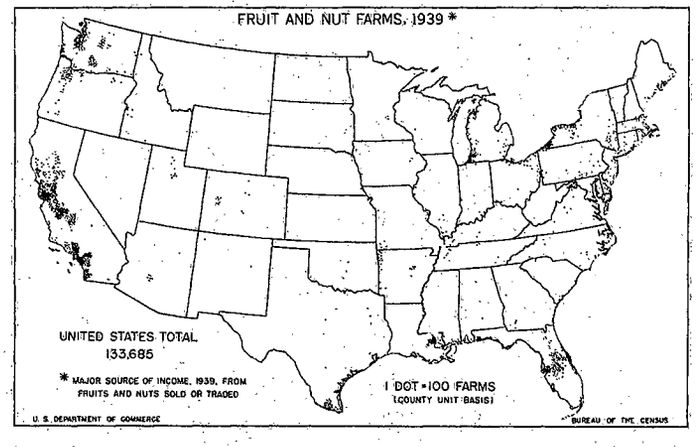

DAIRY PRODUCTS FARMS, 1939 *
UNITED STATES TOTAL
619,006
* MAJOR SOURCE OF INCOME, 1939, FROM DAIRY PRODUCTS SOLD OR TRADED
1 DOT = 100 FARMS
(COUNTY UNIT BASIS)
U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

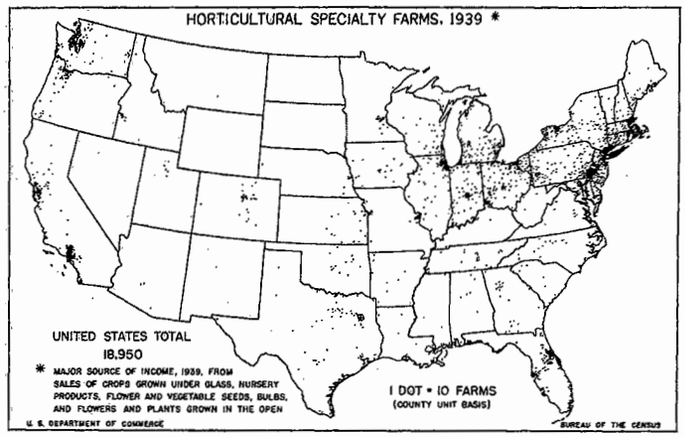

POULTRY AND POULTRY PRODUCTS FARMS, 1939 *
UNITED STATES TOTAL
217,570
* MAJOR SOURCE OF INCOME, 1939, FROM POULTRY AND POULTRY PRODUCTS SOLD OR TRADED
1 DOT = 100 FARMS
(COUNTY UNIT BASIS)
U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

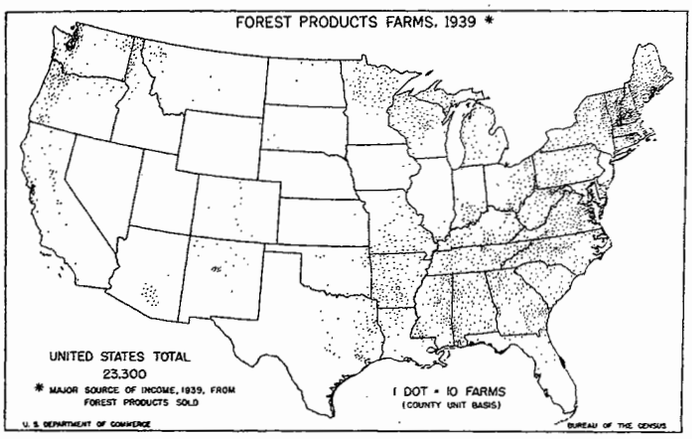

OTHER LIVESTOCK PRODUCTS FARMS, 1939 *
UNITED STATES TOTAL
20,251
* MAJOR SOURCE OF INCOME, 1939, FROM WOOL, MOHAIR, MEAT, HIDES, ETC., AND BEES, HONEY, WAX, AND FUR ANIMALS (KEPT IN CAPTIVITY) AND PELTS SOLD OR TRADED
1 DOT = 10 FARMS
(COUNTY UNIT BASIS)
U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

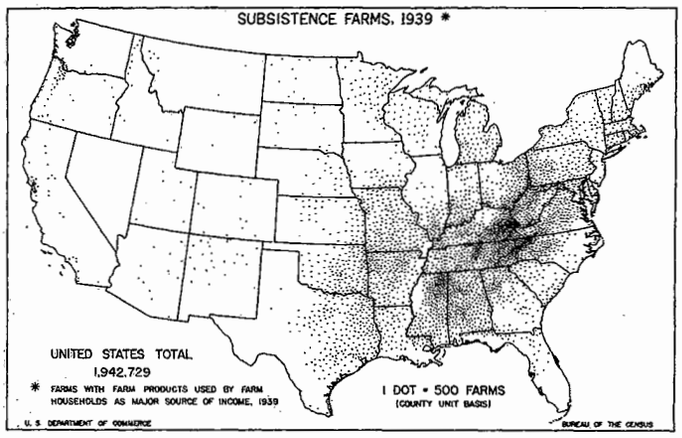

FIELD CROP FARMS, 1939 *
UNITED STATES TOTAL
2,186,986
* MAJOR SOURCE OF INCOME, 1939, FROM FIELD CROPS SOLD OR TRADED
1 DOT = 200 FARMS
(COUNTY UNIT BASIS)
U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

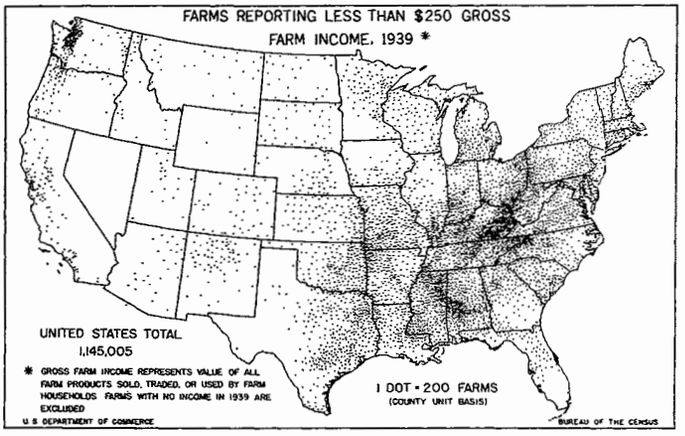

VEGETABLE FARMS, 1939 *
UNITED STATES TOTAL
80,116
* MAJOR SOURCE OF INCOME, 1939, FROM VEGETABLES HARVESTED FOR SALE
1 DOT = 50 FARMS
(COUNTY UNIT BASIS)
U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

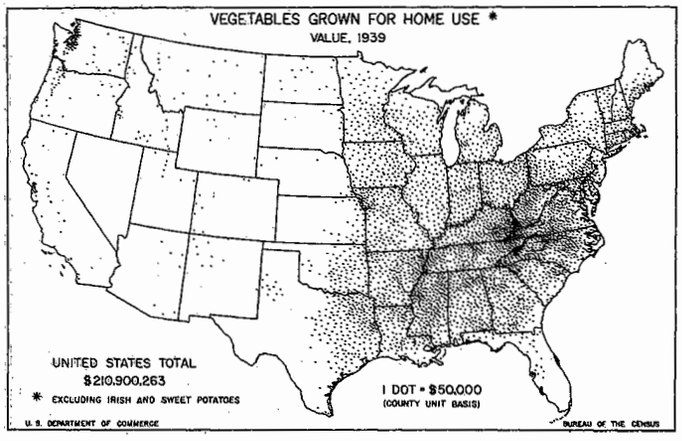

FRUIT AND NUT FARMS, 1939 *
UNITED STATES TOTAL
133,685
* MAJOR SOURCE OF INCOME, 1939, FROM FRUITS AND NUTS SOLD OR TRADED
1 DOT = 100 FARMS
(COUNTY UNIT BASIS)
U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

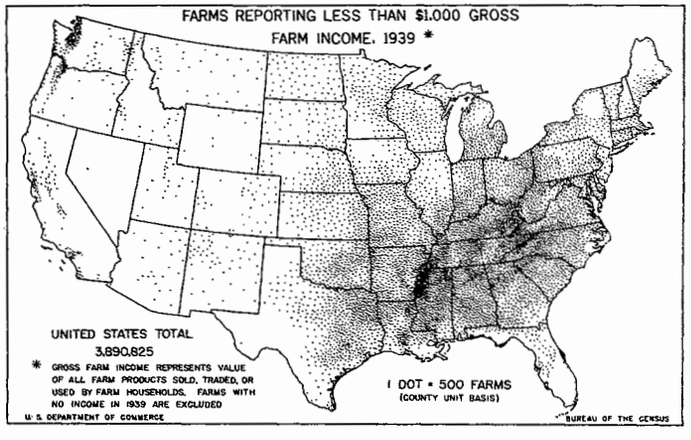

HORTICULTURAL SPECIALTY FARMS, 1939 *
UNITED STATES TOTAL
18,950
* MAJOR SOURCE OF INCOME, 1939, FROM SALES OF CROPS GROWN UNDER GLASS, NURSERY PRODUCTS, FLOWER AND VEGETABLE SEEDS, BULBS, AND FLOWERS AND PLANTS GROWN IN THE OPEN
1 DOT = 10 FARMS
(COUNTY UNIT BASIS)
U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

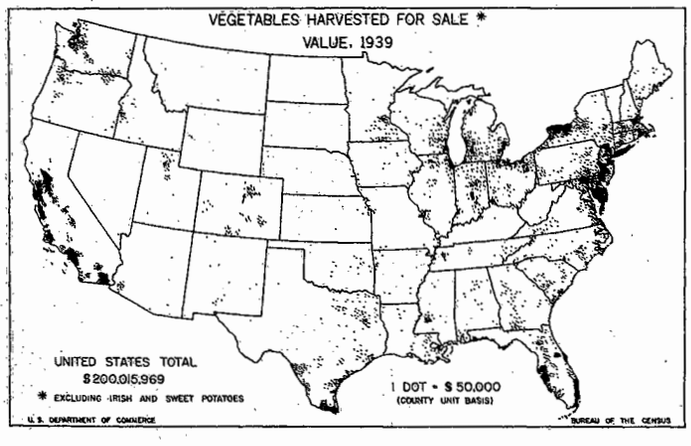

FOREST PRODUCTS FARMS, 1939 *
UNITED STATES TOTAL
23,300
* MAJOR SOURCE OF INCOME, 1939, FROM FOREST PRODUCTS SOLD
1 DOT = 10 FARMS
(COUNTY UNIT BASIS)
U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

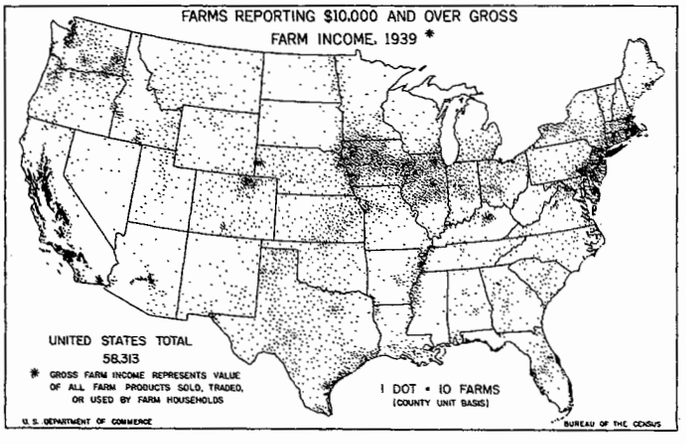

SUBSISTENCE FARMS, 1939 *
UNITED STATES TOTAL
1,942,729
* FARMS WITH FARM PRODUCTS USED BY FARM HOUSEHOLDS AS MAJOR SOURCE OF INCOME, 1939
1 DOT = 500 FARMS
(COUNTY UNIT BASIS)
U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS


FARMS REPORTING LESS THAN $250 GROSS FARM INCOME, 1939 *
UNITED STATES TOTAL
1,145,005
* GROSS FARM INCOME REPRESENTS VALUE OF ALL FARM PRODUCTS SOLD, TRADED, OR USED BY FARM HOUSEHOLDS. FARMS WITH NO INCOME IN 1939 ARE EXCLUDED
1 DOT = 200 FARMS
(COUNTY UNIT BASIS)
U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

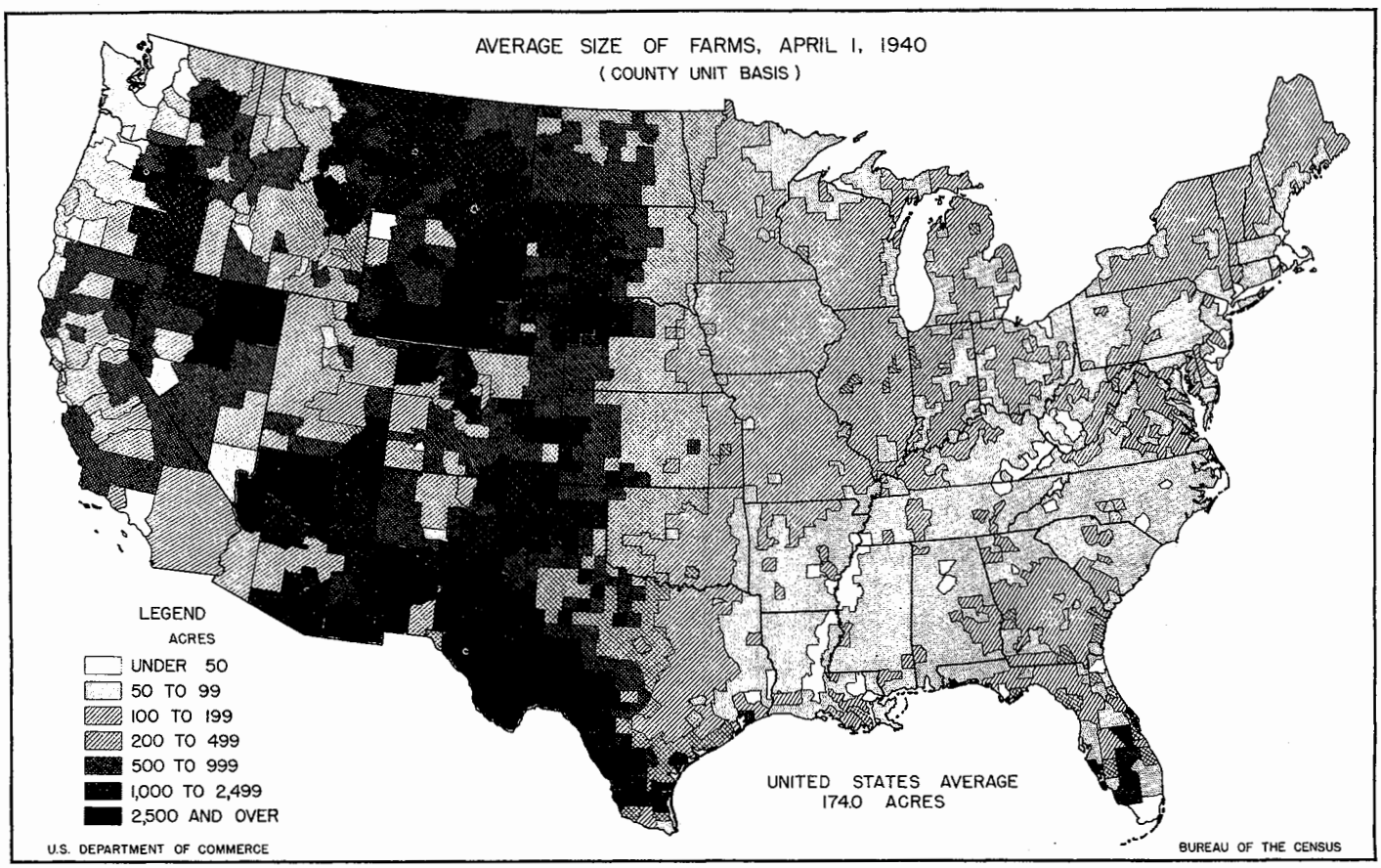

VEGETABLES GROWN FOR HOME USE *
VALUE, 1939
UNITED STATES TOTAL
$210,900,263
* EXCLUDING IRISH AND SWEET POTATOES
1 DOT = $50,000
(COUNTY UNIT BASIS)
U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

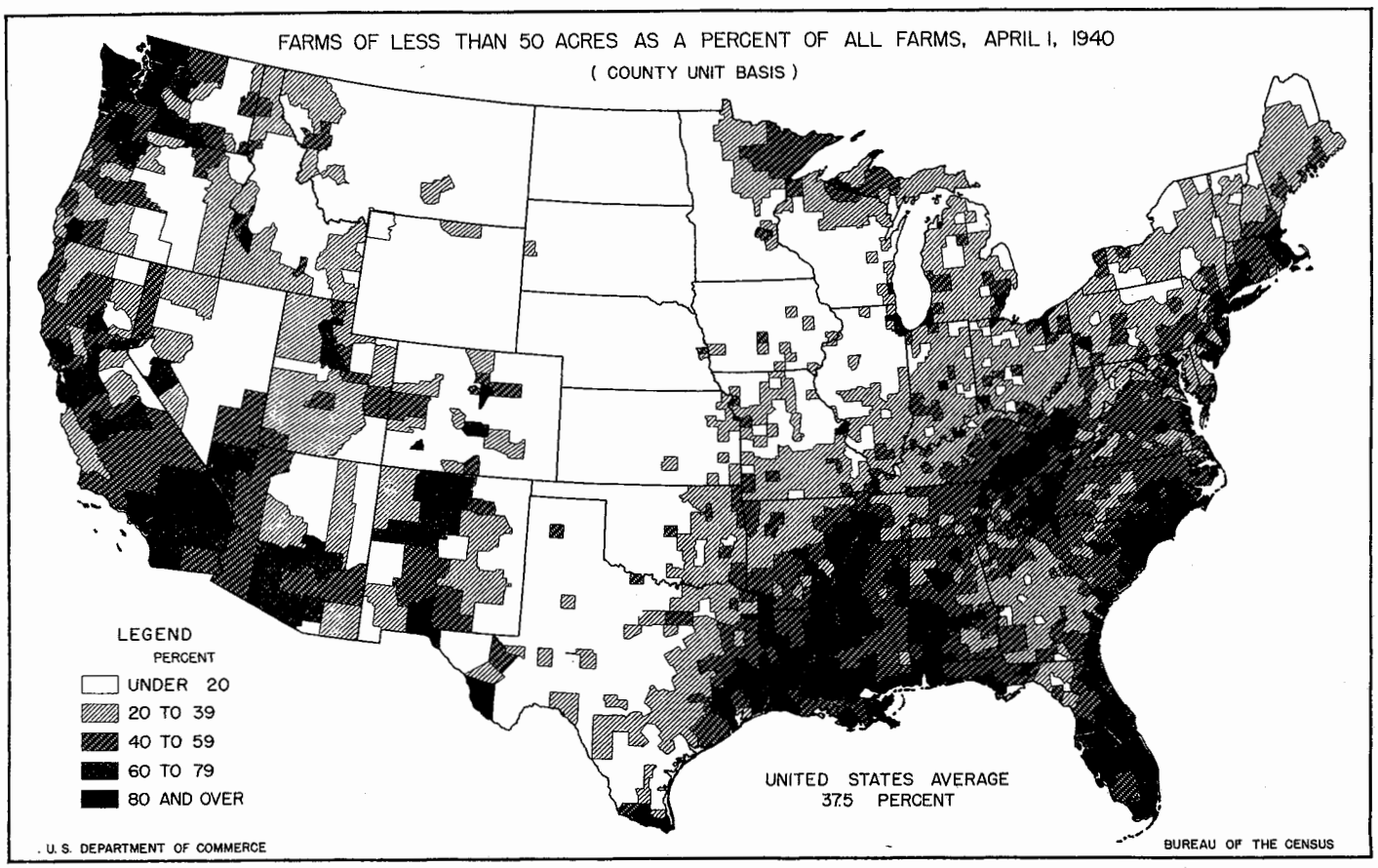

FARMS REPORTING LESS THAN $1,000 GROSS FARM INCOME, 1939 *
UNITED STATES TOTAL
3,890,825
* GROSS FARM INCOME REPRESENTS VALUE OF ALL FARM PRODUCTS SOLD, TRADED, OR USED BY FARM HOUSEHOLDS. FARMS WITH NO INCOME IN 1939 ARE EXCLUDED
1 DOT = 500 FARMS
(COUNTY UNIT BASIS)
U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS


VEGETABLES HARVESTED FOR SALE *
VALUE, 1939
UNITED STATES TOTAL
$200,015,969
* EXCLUDING IRISH AND SWEET POTATOES
1 DOT = $50,000
(COUNTY UNIT BASIS)
U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

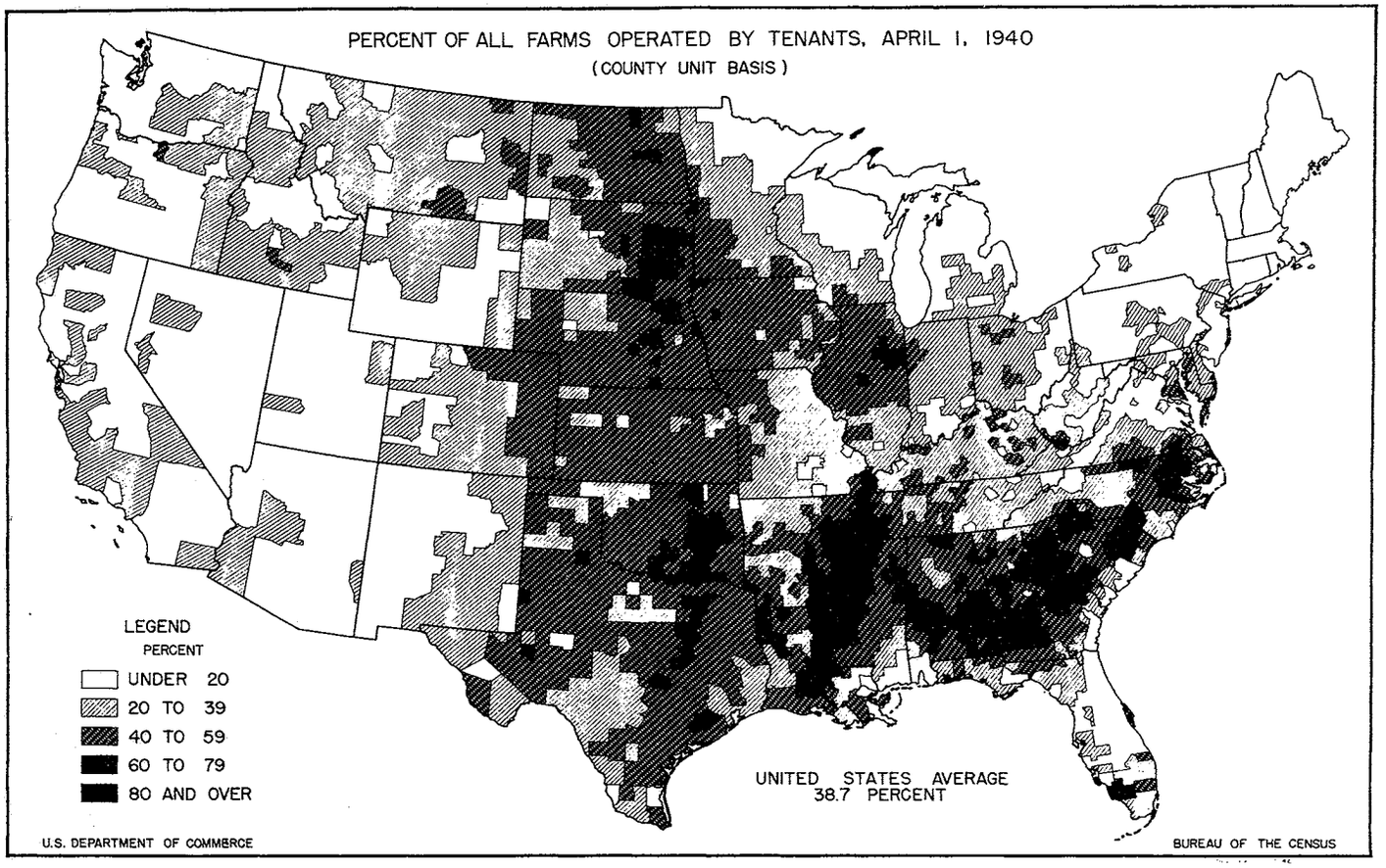

FARMS REPORTING $10,000 AND OVER GROSS FARM INCOME, 1939 *
UNITED STATES TOTAL
58,313
* GROSS FARM INCOME REPRESENTS VALUE OF ALL FARM PRODUCTS SOLD, TRADED, OR USED BY FARM HOUSEHOLDS
1 DOT = 10 FARMS
(COUNTY UNIT BASIS)
U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

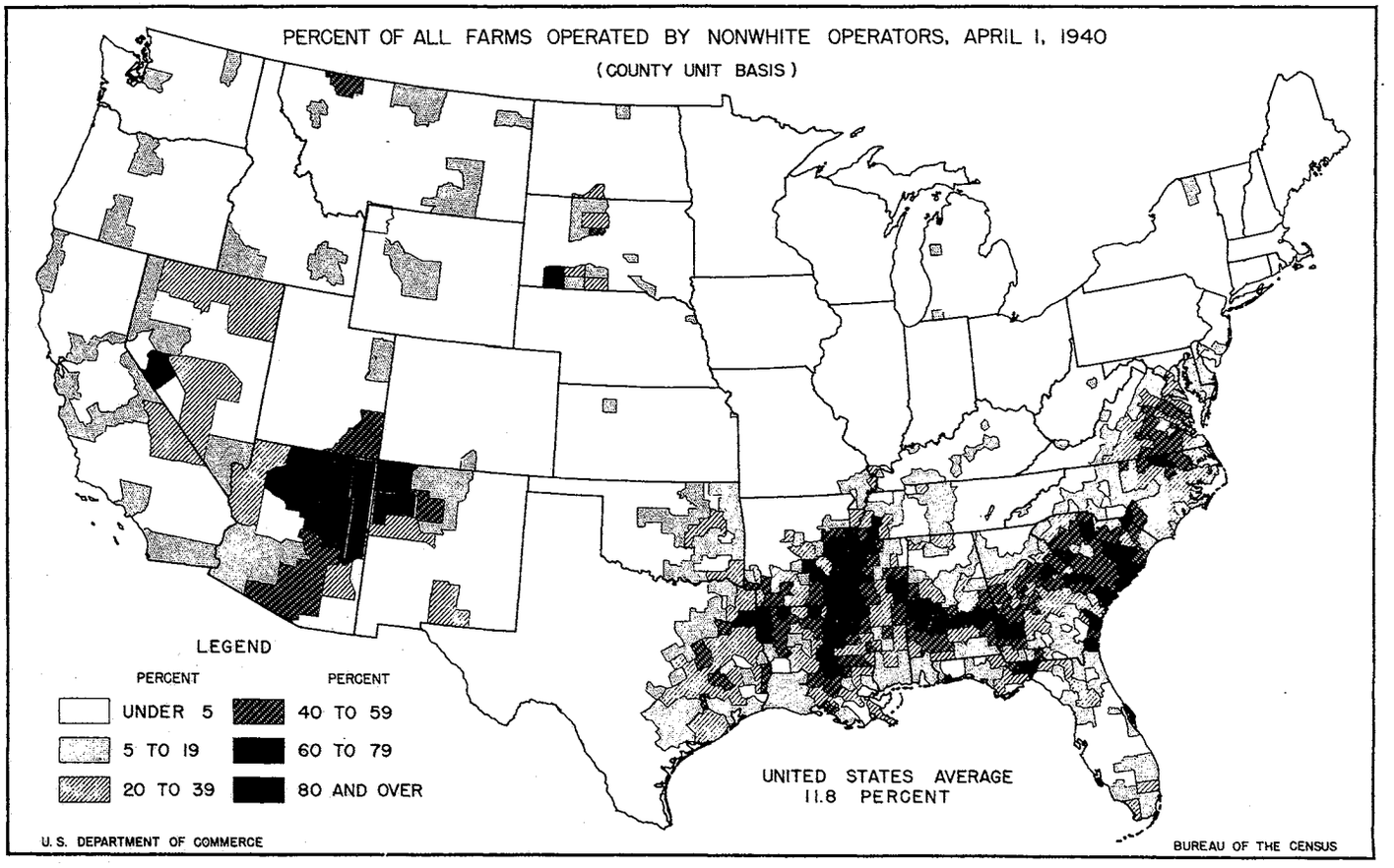
SAMPLE MAPS FROM CHAPTER II OF VOLUME III



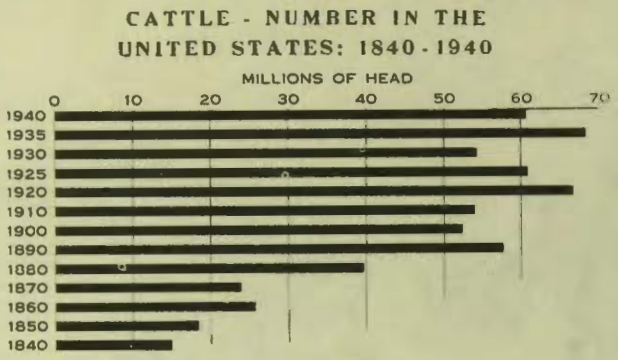


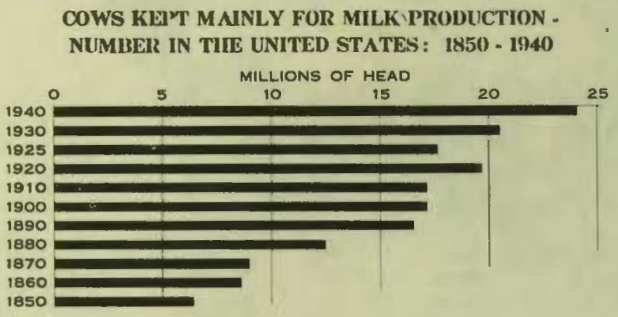
SAMPLE MAPS FROM CHAPTER III OF VOLUME III

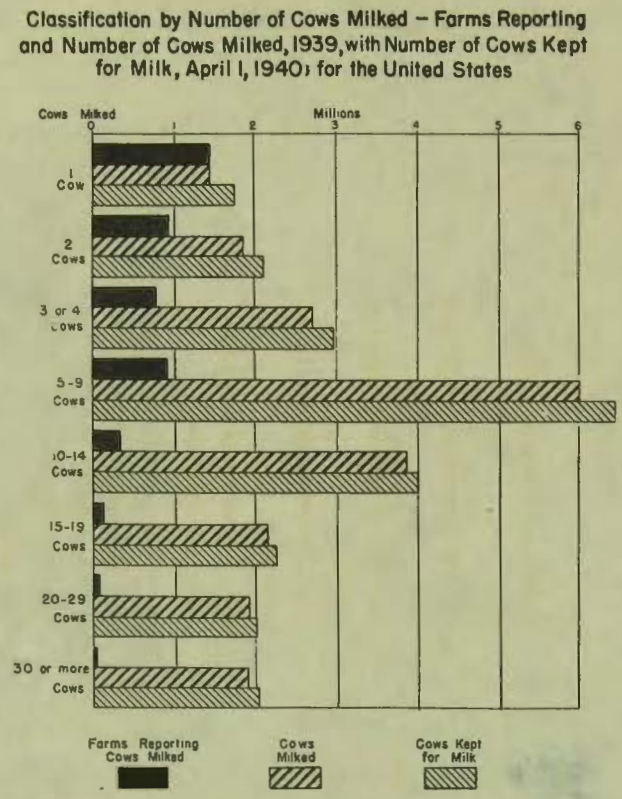


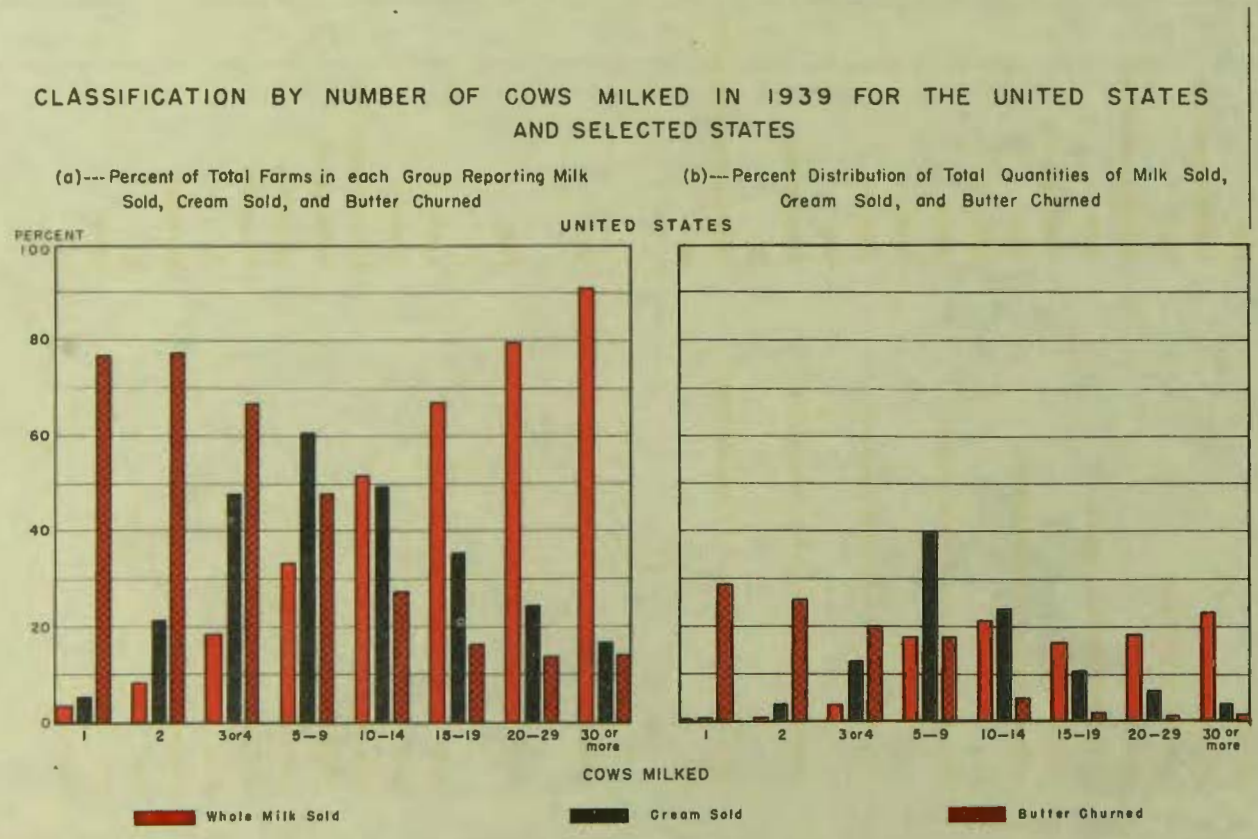


SAMPLE CHARTS FROM SPECIAL REPORT—COWS MILKED AND DAIRY PRODUCTS

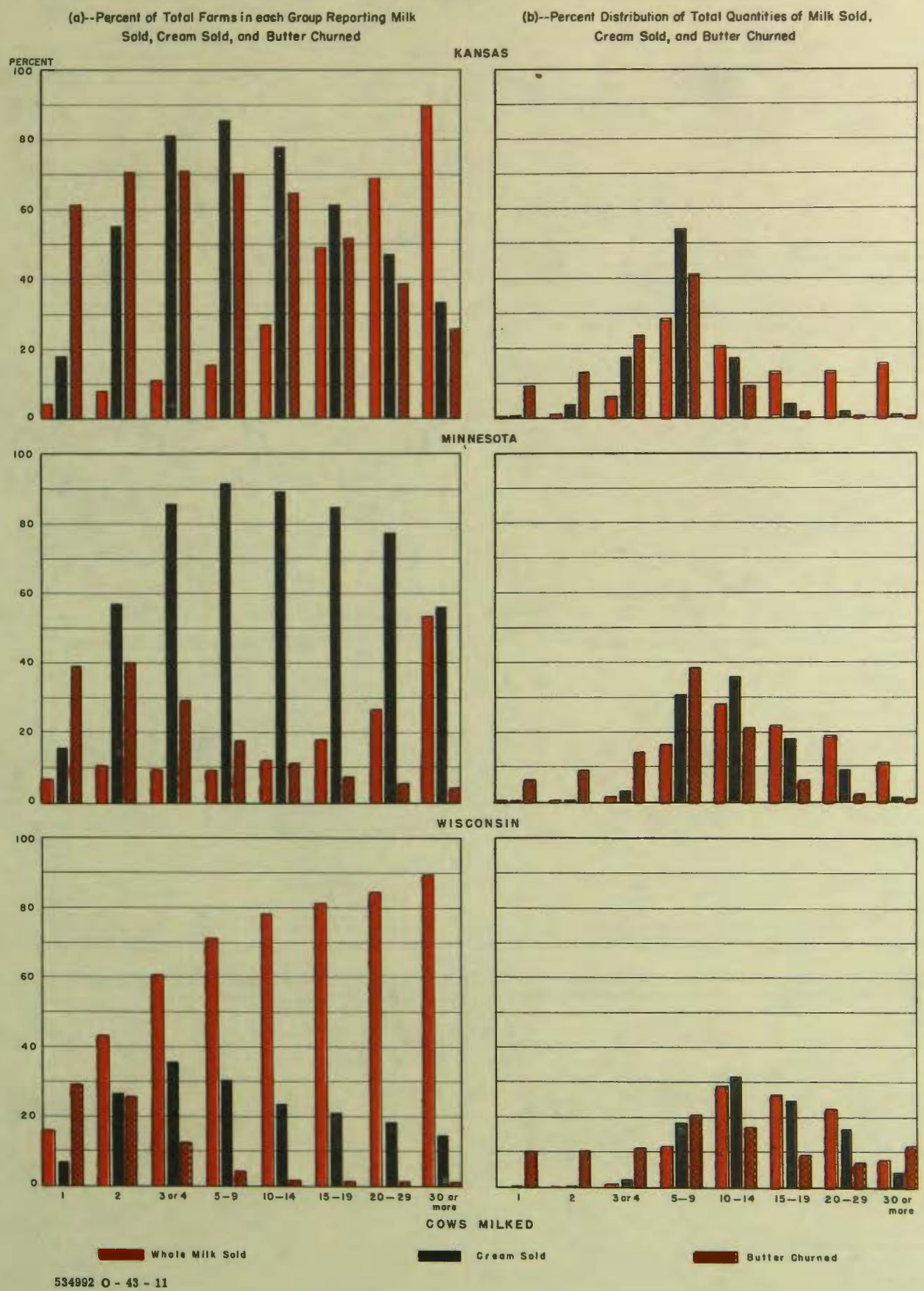








CLASSIFICATION BY NUMBER OF COWS MILKED IN 1939 FOR THE UNITED STATES AND SELECTED STATES -- Continued



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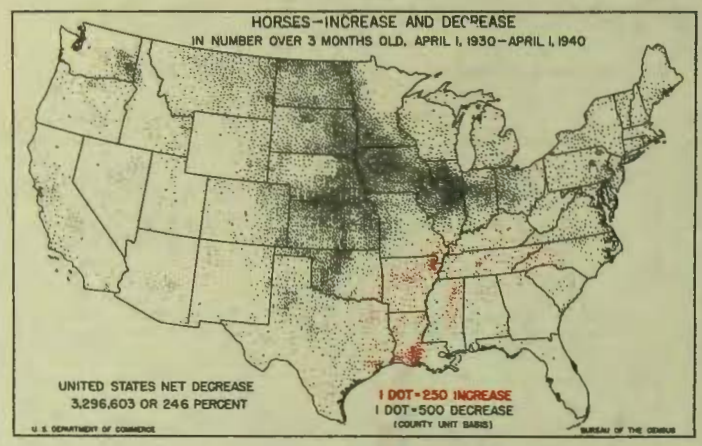
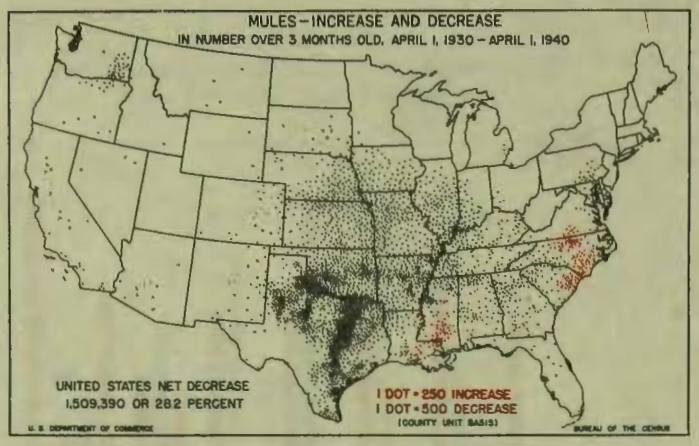
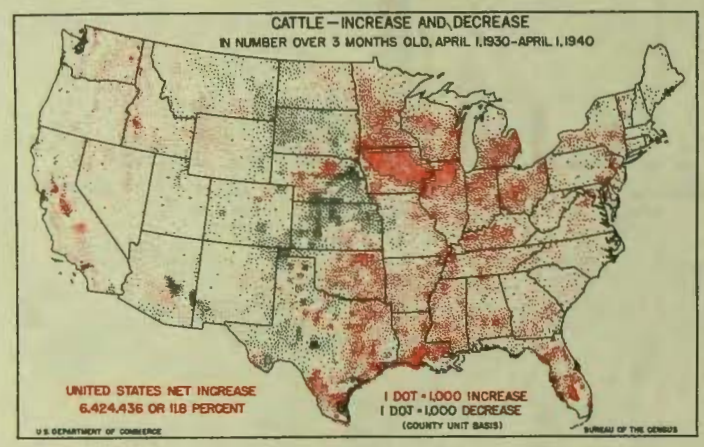
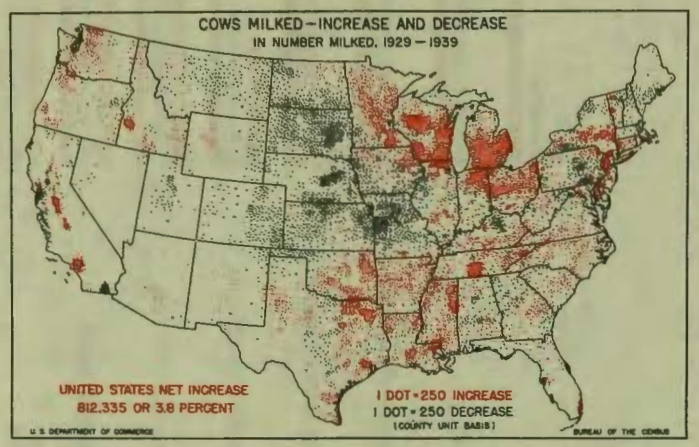
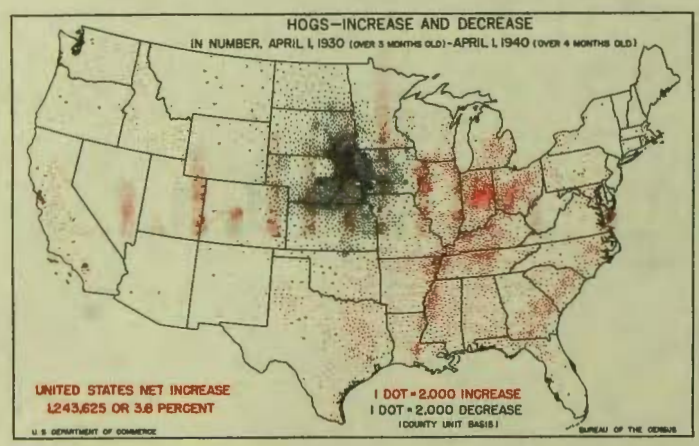
SAMPLE MAPS FROM CHAPTER VII OF VOLUME III

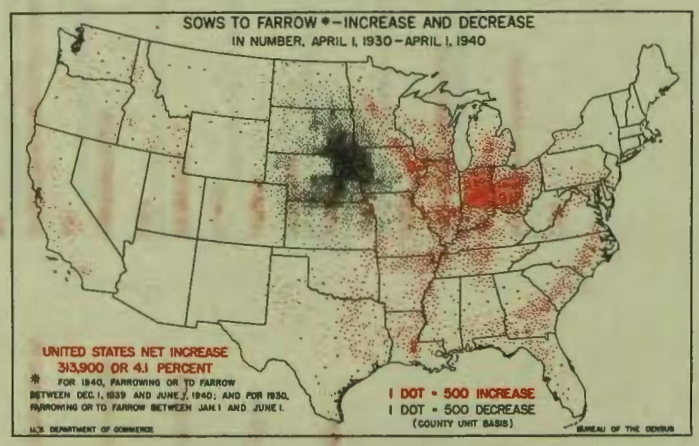


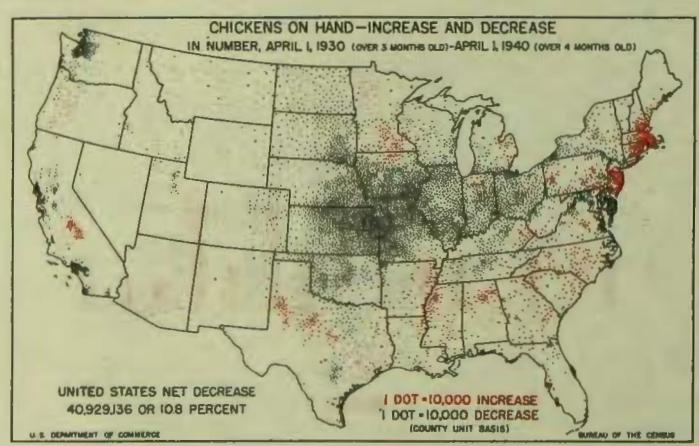


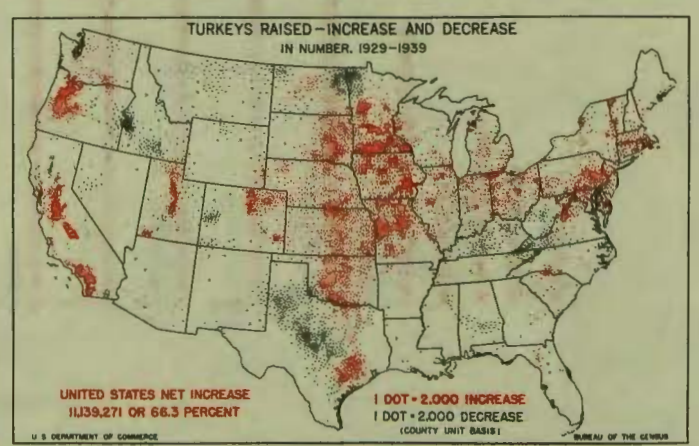












Two excellent examples of special uses of Census data in schools follow: (1) A monograph entitled "Uses of the 1940 Census Data in Schools" by F. W. Lathrop, Specialist in Agricultural Education (Research) and E. J. Johnson, Regional Agent, Western Region, both of the United States Office of Education, Federal Security Agency. (This monograph, published in pamphlet form, is the result of informal cooperation between the Bureau of the Census and the Office of Education. The pages on which the publications of the 1940 Census were listed have been detached and a more complete list, with a brief description of the publications, is included at the end of this chapter.) (2) An article entitled "Census Data and Farm Management Teaching" by E. B. Hill, Farm Management Department, Michigan State College.

The primary purpose of the monograph "Uses of 1940 Census Data in Schools" is to meet urgent requests for illustrative examples of the uses of agricultural census data in grade schools, and for information regarding the availability of such material.

The minor civil division tabulations which it contains illustrate how Census statistics are available for each locality, and lend themselves readily to simple computations and interpretations set forth in the discussions.

USES OF 1940 CENSUS DATA IN SCHOOLS

F. W. Lathrop, Specialist in Agricultural Education (Research) and E. J. Johnson, Regional Agent, Western Region, United States Office of Education, Federal Security Agency

Each time the Census is taken, more thought is given to the kinds of information which will further the local study of agriculture. The 1940 Census contains a tremendous amount of valuable information. Much of this information affords valuable teaching materials for the schools.

The Minor Civil Divisions

The Census publications have presented their arrays of figures using State and counties as units. Such figures are useful and essential but frequently they do not give an accurate picture of a particular section of a county or State. Ordinarily, a school service area is part of a county. It usually consists of several minor civil divisions.

The term "minor civil division" is used to designate the political units in which a county is divided for local administrative or judicial purposes, other than any type of independent municipality. These divisions are given various designations in different States and sometimes even in the same county.

In most States the designation is "townships," "towns," or "election precincts," and often a combination of two or more forms or unusual types as follows:

Alabama, Colorado, Florida, Idaho, New Mexico, and Oregon—election precincts
Arizona—supervisorial districts
California—judicial townships
Connecticut, Massachusetts, New York, Rhode Island, and Wisconsin—towns
Delaware—representative districts
Georgia—militia districts
Illinois, Nebraska, and Washington—election precincts and civil townships
Kentucky, Virginia, and West Virginia—magisterial districts
Louisiana—police jury wards
Maine—gores, grants, islands, plantations, points, strips, towns, surpluses, and tracts
Maryland and Wyoming—election districts
Mississippi—beats
Montana—school districts, election precincts, and civil townships
Nevada—judicial districts and civil townships
New Hampshire—grants, locations, purchases, and towns
South Carolina—school districts and civil townships
Tennessee—civil districts
Texas—commissioners and justices precincts
Utah—election districts and precincts
Vermont—gores and towns
All other States have civil townships only.

Following the 1935 Agriculture Census, the Bureau of the Census made photostatic copies of certain minor civil division tables. Several thousand of these copies were sold to schools and especially to teachers of vocational agriculture. The same plan will be followed with relation to the 1940 Census. Photostatic copies of the six tables, headings of which are shown in the illustrative tables of this publication, will be made available. There are six sheets (18" x 24") which can be obtained for $0.35 per sheet. Half size sheets containing the same amount of data cost $0.17½ per sheet. If a school service area is in parts of 2 counties two sets will be required. When ordering, it should be stated in what county or counties the school service area is included. Persons desiring to purchase a set of photostats should use money orders made payable to the Photostat Corporation and mail the same to the Bureau of the Census, Washington, D. C., for handling.

Specific Uses of Minor Civil Division Tables

The data for the minor civil divisions of a school area constitute a survey of that area insofar as the tables relate to the crop and livestock enterprises which are important in that community. This information has many of the uses of a farm survey made by a teacher of agriculture. However, the census data cover all the farms in the community whereas the teacher's farm survey would usually be a sampling of the farms in the community.

These tables might serve as a basis for the study of such production changes as are needed in relation to wartime needs. A study of the acreages and yields of crops and the numbers of livestock and the amounts of livestock products important in the war effort might show how certain essential foods might be increased. The amount of pasture land which is tillable is quite significant in this connection.

In revising courses of study, these tables will be valuable because they will indicate whether crop and livestock enterprises should receive more or less emphasis than they do at present and sometimes whether they should be included at all. If corresponding data from the 1935 Agricultural Census are available, some indication of trends may appear. Some enterprises will appear to be growing in importance, other enterprises will appear to be declining.

The minor civil division data are invaluable in the study of farm management. This will shed light on such questions as:

1. What are the types of farming?
2. Is there a good balance between livestock and crop production?
3. How can land use be made more effective? (The data would be of value in connection with the land use survey of a minor civil division.)
4. How well balanced is the investment in land, buildings, and equipment?
5. How do individual farms compare with minor civil division averages?
6. How widely diversified is the farming of the area?
7. What kinds and amounts of farm products are marketed?
8. What are the seasonal demands for farm labor and equipment?
9. What are the causes and extent of crop failure?

The information on number of farms in the different minor civil divisions will help school administrators and teachers to determine to what extent schools are reaching the farms in their service area.

Several teachers of agriculture located in the same county or in nearby counties, who have the minor civil division tables for their area, may well use this information as the basis of an informal cooperative study in relation to annual programs of work and course of study revision.

An Illustration

The illustrative sample shows the headings of tables 1 to 6 together with the data from the service area of the vocational agricultural department of the Gorham High School, Gorham, Maine. In this State, most minor civil divisions are called towns. The instructional program of the department extends over five towns, Gorham, Scarborough, and Windham in Cumberland County, and Buxton and Hollis in York County. The minor civil division data for these five towns constitute a farm survey of the service area of this agriculture department. This survey is not complete in that the tables which relate to fruit and vegetables are not included. It happens that fruit and vegetables are rather important in certain parts of this service area. Additional tabulations showing information for fruits and vegetables, and many other items, are in the process of preparation and, when completed, will throw more light both on farm characteristics and farm operator characteristics in the area.

The data show that this is an area of rather small farms. The average acres per farm are 66 as compared with 108 for the State. The more important livestock enterprises are dairying and poultry. The more important field crops are corn and hay.

The following table (table A) consists of averages for this service area which are based on tables 1 to 6 in the folded insert. Included also are corresponding averages for the State. Averages per farm in all cases are based on the number of farms reporting.

TABLE A.—SELECTED AVERAGES FOR THE STATE OF MAINE AND FIVE TOWNS COMPRISING THE SERVICE AREA OF GORHAM HIGH SCHOOL, 1940 CENSUS

ITEM	State	Total Service Area	Gorham	Scarborough	Windham	Buxton	Hollis
Percentage of total land used for crops	27.5	36.9	44.0	29.6	39.0	34.4	29.5
Percentage of plowable pasture	7.6	15.3	9.8	13.8	31.2	13.4	6.9
Percentage of woodland	42.2	28.4	28.6	28.8	20.1	36.4	38.4
Value, farm buildings per farm	$1,777	$2,158	$2,305	$2,883	$1,903	$1,892	$1,876
Value, implements and machinery per farm	$647	$485	$520	$557	$491	$435	$517
Horses and colts over 3 mo. old per farm reporting	1.93	1.81	2.19	1.66	1.60	1.69	1.50
Hogs and pigs over 4 mo. old per farm reporting	3.25	3.93	4.48	5.28	3.67	2.44	1.67
Cows and heifers kept for milk per farm reporting	4.90	6.11	7.75	4.66	6.22	5.98	4.15
Milk produced (gals.) per cow	532	619	642	553	658	598	547

The following statements seem to be justified:

Land Use

More than one-third, or 36.9 percent, of the farm land in this area is in crops as compared with one-fourth, or 27.5 percent, of the farm land of the State. Within the area, the town of Gorham has 44 percent of its farm land in crops. The towns of Scarborough and Hollis have only 29 percent in crops. These figures indicate a variation in the types of farming within the area.

Plowable pasture in the area is 15.3 percent of the farm land as compared with a State figure of 7.6 percent. There is much variation among the towns in the percentage of plowable pasture. The town of Windham has 31.2 percent as compared with the town of Hollis which has 6.9 percent. A land-use survey would no doubt reveal the reasons for this variation and would also indicate how much of the plowable pasture could be profitably devoted to crop production.

A very large percentage, 42.2 percent, of the farm land in the State is in woodland. The percentage in the area is 28.4 percent. The farm wood lot could be an important enterprise on many farms and deserves inclusion and emphasis in the course of study.

The towns are quite different in respect to land use as illustrated by a comparison of the towns of Windham and Gorham. Windham is high in cropland and pasture and low in woodland. Gorham is high in cropland, low in pasture, and average in the percentage of woodland.

Value of Buildings and Equipment

Buildings are better than the average for the State. The value of farm buildings per farm in the area is $2,158, the average for the State is only $1,777. Averages within the area range from $1,692 in Buxton to $2,883 in Scarborough.

The value of buildings in this area is a high proportion of the value of the farms. From table 1 it is ascertained that buildings are valued at 63.3 percent of the total value of farms. The corresponding figure for the State is 54.8 percent. The housing requirements of the dairy and poultry enterprises are factors in the high building investment. Both dairy herds and poultry flocks average larger than in the State as will be shown below. The small size of farm suggests that some of the farms are part-time farms. The value of dwellings on these part-time farms is usually supported by nonfarm income. The number of part-time farms in this area will appear in a later tabulation.

The value of implements and machinery per farm is smaller in the area than in the State, $647 in the State and $483 in the area. This again may be due to the small size of the farms in the area. Averages ranged from $317 in Hollis to $557 in Scarborough. A further study of these figures may have some significance for the farm mechanics instruction which is offered.

Horses and Colts

The State average per farm is 1.9 horses and the area average per farm is 1.8 horses. These figures by themselves have little significance because in recent years the farm tractor has come into the picture.

Hogs

The area average per farm is 3.9 hogs and pigs. The swine enterprise in this area is mainly for the home supply of pork.

Cows and Heifers Kept for Milk

The State average per farm is 4.9 cows and the area average is 6.1 cows. The size of dairy herd ranges from 4.1 cows in Hollis to 7.7 in Gorham. Dairy cows are reported by 60 percent of the farms in the area. Dairy cows are reported by 69 percent of the farms in Windham. There is a relationship between the percentage of farmers reporting dairy cows and the percentage of plowable pasture as is illustrated by the Windham and Hollis figures.

Milk Produced

The cows in this area are considerably better producers than those in the State as a whole. The State average production of milk was 532 gallons per cow, and the average production in the area was 619 gallons per cow. The town of Windham shows the best production per cow or 658 gallons. The average production per cow in the United States was 524 gallons.

Poultry

The best index of the size of the laying flock is "chickens on hand over 4 months old." The average for the area was 121 birds as compared with the State average of 77 birds. It should be noted that these averages particularly in small areas can be greatly affected by a few large flocks in the area. Within the area the flocks in the town of Gorham average 170 birds as compared with the average of 56 birds for the town of Hollis. About half of the farms in the area report chickens on hand. Poultry has become an important enterprise in this area.

Field Crops

As mentioned previously, tables 1 to 6 do not include vegetables and fruits. The most important field crops included are corn and hay. These are contributory to the livestock enterprise. The manure from the livestock enterprise is probably an important factor in the high yields of certain of the crops.

Corn for Grain

Corn harvested for grain averaged 1.9 acres for the State and 2.9 acres for this area. Gorham farms averaged 4.8 acres of corn for grain per farm. This is much greater than the average for any of the other towns.

Corn for grain yielded 46 bushels in this area and 41 bushels in the State as a whole. In the town of Hollis the yield was 49.5 bushels.

Corn for Silage

The average acreage of corn for silage in the State was 4.3; for this area it was 6.2. Corn for silage yielded 10.9 tons per acre in the State and 10.8 tons in the area. Silage corn yielded above the average of the area in the towns of Gorham and Scarborough.

Only 6 percent of the farmers in the area grew corn silage and 27 percent of the farmers sold whole milk. Dairymen in this area seem to get good milk production despite the small percentage of dairymen who grew silage corn.

Clover or Timothy Hay, Alone or Mixed

Of the 1,089 farms in the area slightly more than half, or 564, grew clover or timothy as compared with 49 percent of the farms in the State. The farms of the State grew 21.3 acres per farm; the farms of the area grew 24.5 acres per farm. The towns varied less in the amount of clover and timothy grown per farm. The yield of hay is somewhat lower in the area than in the State, 0.93 tons per acre as compared with 1.1 tons per acre. Timothy and clover both because of its large acreage and its rather low yield would seem to merit emphasis in the course of study.

Teachers who desire to use this plan should go carefully over every detail. In writing for any of the material he should attend the needs for the entire class in order to avoid unnecessary correspondence and to be sure the proper items are secured.[1]

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[1] A description of the 1940 Census publications, together with a list of the material available, is shown at the end of the chapter.

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DEPARTMENT OF COMMERCE
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TABLE 1.—NUMBER OF FARMS, LAND IN FARMS CLASSIFIED ACCORDING TO USE, AND BY COUNTIES AND MINOR CIVIL DIVISIONS:

(No farms were reported in 1940 for Minor Civil Divisions not shown in either

COUNTY AND MINOR CIVIL DIVISION	Code	Number of farms	LAND IN FARMS, APR. 1, 1940, CLASSIFIED ACCORDING TO USE IN 1939									
			All land in farms (acres)		Cropland harvested		Crop failure		Cropland idle or fallow		Plowable pasture	
			Total	Average per farm	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres
Gorham		340	22,084	65.0	333	9,698	5	16	41	439	96	2,174
Scarborough		192	12,440	64.8	153	3,226	24	459	55	927	120	1,716
Windham		230	14,674	63.8	223	5,721	———	———	8	111	197	4,585
Buxton		195	14,758	75.7	192	5,056	6	16	23	251	100	1,978
Hollis		132	8,097	61.3	128	2,391	———	———	9	62	38	562
Total		1,089	72,053	66.2	1,029	26,092	35	491	136	1,790	551	11,015

[1] Cropland harvested and crop failure.
[2] Cropland harvested, crop failure, idle or fallow cropland, and plowable pasture.

DEPARTMENT OF COMMERCE
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TABLE 2.—HORSES, MULES, HOGS, AND CATTLE, ON FARMS AND RANCHES, APR. 1, CREAM, AND BUTTER, 1939; BY COUNTIES AND MINOR CIVIL

(No farms were reported in 1940 for Minor Civil Divisions not shown in either

COUNTY AND MINOR CIVIL DIVISION	Code	Farms reporting horses and/or mules	HORSES AND COLTS OVER 3 MO. OLD				MULES AND MULE COLTS OVER 3 MO. OLD				HOGS AND PIGS OVER 4 MO. OLD			
			Total		Colts 3 to 27 mo. old		Total		Colts 3 to 27 mo. old		Total		Sows and gilts to farrow[1]	
			Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number
Gorham		127	127	278	5	13	———	———	———	———	44	197	10	29
Scarborough		76	74	123	———	———	3	6	———	———	38	200	7	22
Windham		92	92	147	1	[redacted]	———	———	———	———	36	132	2	[redacted]
Buxton		69	68	115	1	[redacted]	2	[redacted]	———	———	16	39	7	12
Hollis		37	36	54	———	———	2	[redacted]	———	———	18	30	5	5
Total		401	397	717	7	13 (+2 [redacted])	7	6 (+2 [redacted])	———	———	152	598	31	68 (+1 [redacted])

[1] Sows and gilts that farrowed since Dec. 1, 1939 or to farrow before June 1, 1940.

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TABLE 3.—SHEEP ON FARMS AND RANCHES, WOOL SHORN, AND BY COUNTIES AND MINOR CIVIL DIVISIONS:

(No farms were reported in 1940 for Minor Civil Divisions not shown in either

COUNTY AND MINOR CIVIL DIVISION	Code	SHEEP AND LAMBS OVER 6 MO. OLD								SHEEP AND LAMBS SHORN		
		Total		Ewes								
						Yearling ewes[1]		Other ewes		Farms reporting	Number shorn	Wool shorn (pounds)
		Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number			
Gorham		7	73	4	52	4	16	4	36	7	53	348
Scarborough		4	17	3	8	2	[redacted]	1	[redacted]	4	26	154
Windham		3	40	1	[redacted]	1	[redacted]	1	[redacted]	3	51	262
Buxton		8	55	8	47	6	31	6	16	7	48	322
Hollis		2	[redacted]	1	[redacted]	1	[redacted]	———	———	1	[redacted]	[redacted]
Total		24	185 (+1 [redacted])	17	107 (+2 [redacted])	14	47 (+3 [redacted])	12	52 (+2 [redacted])	22	178 (+1 [redacted])	1,086 (+1 [redacted])

[1] Between 6 and 18 mo. of age.

VALUE OF LAND AND BUILDINGS, BUILDINGS, AND IMPLEMENTS AND MACHINERY; FEDERAL FARM CENSUS, APR. 1, 1940

stub or notes. In general, deletions were made to avoid disclosures)

LAND IN FARMS, APR. 1, 1940, CLASSIFIED ACCORDING TO USE IN 1939—Con.							FARM VALUES						
Woodland		All other land in farms		Land used for crops[1]		Farms reporting land available for crops[2]	Land and buildings			Buildings		Implements and machinery	
Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres		Amount (dollars)	Average per farm	Average per acre	Farms reporting	Amount (dollars)	Farms reporting	Amount (dollars)
207	5,440	317	4,317	333	9,714	338	1,221,402	3,592	55.31	334	769,727	273	142,061
128	3,578	149	2,534	154	3,685	190	823,600	4,290	66.21	188	541,950	158	88,072
140	2,943	211	1,314	223	5,721	227	751,700	3,268	51.23	230	437,700	210	103,305
157	5,379	192	2,078	192	5,072	195	520,410	2,669	35.26	194	328,310	165	71,809
78	3,107	132	1,975	128	2,391	131	348,440	2,640	43.03	130	243,900	98	31,040
710	20,447	1,001	12,218	1,030	26,583	1,081	3,685,552	3,366	50.87	1,076	2,321,587	904	436,287

1940; AND COWS MILKED, PRODUCTION OF MILK AND BUTTER, AND SALES OF MILK, DIVISIONS: FEDERAL FARM CENSUS, APR. 1, 1940

stub or notes. In general, deletions were made to avoid disclosures)

CATTLE AND CALVES OVER 3 MO. OLD		COWS MILKED AND DAIRY PRODUCTS, 1939											
Total		Cows and heifers 2 yr. old and over Jan. 1, 1940		Cows and heifers milked		Milk produced (gallons)	Butter churned		Whole milk sold		Cream sold		Butter sold	
Farms reporting	Number	Farms reporting	Number kept for milk	Farms reporting	Number		Farms reporting	Pounds	Farms reporting	Gallons	Farms reporting	Pounds of butterfat	Farms reporting	Pounds
196	2,358	189	1,465	196	1,350	866,730	60	35,022	81	673,576	4	3,700	29	28,444
118	859	116	540	110	494	273,273	47	12,418	45	191,819	3	1,320	19	7,210
161	1,355	158	982	159	933	614,427	58	30,224	88	477,754	3	2,908	29	24,218
120	1,164	117	700	118	679	406,437	66	18,799	56	296,355	10	4,728	32	12,036
78	475	73	303	74	276	151,177	36	8,557	34	105,102	3	343	16	4,311
668	6,211	653	3,990	657	3,732	2,312,044	267	105,020	304	1,742,606	23	12,999	125	76,219

SPECIFIED CLASSES OF POULTRY ON HAND, RAISED, AND SOLD, FEDERAL FARM CENSUS, APR. 1, 1940

stub or notes. In general, deletions were made to avoid disclosures)

ANY POULTRY		CHICKENS						TURKEYS				DUCKS			
On hand, farms reporting	Raised, farms reporting	On hand over 4 mo. old		Raised		Sold		On hand over 4 mo. old		Raised		On hand over 4 mo. old		Raised	
		Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number
163	160	157	26,651	153	35,257	88	56,403	12	94	12	954	11	59	3	54
113	96	111	16,576	92	36,060	36	24,978	4	172	2	[redacted]	3	18	2	[redacted]
122	92	120	12,850	91	31,195	68	21,779	5	40	3	41	2	[redacted]	1	[redacted]
114	102	112	8,320	99	21,574	62	13,113	10	64	12	577	———	———	———	———
65	57	61	3,419	56	11,112	34	8,157	5	27	2	[redacted]	3	8	1	[redacted]
575	507	561	67,776	491	135,198	288	124,430	36	397	31	1,572 +2 [redacted]	19	85 +1 [redacted]	7	54 +3 [redacted]

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TABLE 4.—CORN, SORGHUMS, MIXED GRAINS, AND WHEAT; BY COUNTIES

(No farms were reported in 1940 for Minor Civil Divisions not shown in either

COUNTY AND MINOR CIVIL DIVISION	CORN										SORGHUMS	
	Harvested for all purposes		Harvested for grain			Cut for silage			Hogged or grazed or cut for fodder		Harvested for all purposes except sirup	
Code	Farms reporting	Acres	Farms reporting	Acres	Bushels	Farms reporting	Acres	Tons	Farms reporting	Acres	Farms reporting	Acres
Gorham	60	372	31	150	7,128	33	214	2,424	7	8	5	7
Scarborough	53	156	12	17	617	8	32	384	37	107	———	———
Windham	19	72	4	7	290	8	54	530	7	11	———	———
Buxton	37	151	14	20	891	14	107	1,139	11	24	———	———
Hollis	26	52	9	12	594	6	27	250	11	13	———	———
Total	195	803	70	206	9,520	69	434	4,727	73	163	5	7

[1] Other than a flax and wheat mixture.

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TABLE 5.—OATS AND HAYS; BY COUNTIES AND MINOR

(No farms were reported in 1940 for Minor Civil Divisions not shown in either

COUNTY AND MINOR CIVIL DIVISION	OATS						ALL HAY, EXCLUSIVE OF SORGHUMS						
	Farms reporting any oats[1]	Threshed for grain			Cut and fed unthreshed		Farms reporting any hay	Annual legumes saved for hay			Alfalfa hay		
Code		Farms reporting	Acres	Bushels	Farms reporting	Acres		Farms reporting	Acres	Tons	Farms reporting	Acres	Tons
Gorham	29	27	178	6,051	3	28		1	■	■	1	■	■
Scarborough	31	7	36	1,580	24	47		———	———	———	1	■	■
Windham	9	———	———	———	9	36		———	———	———	———	———	———
Buxton	13	2	■	■	11	55		———	———	———	1	■	■
Hollis	5	———	———	———	5	10		———	———	———	———	———	———
Total	87	36	214 +1 ■	7,631 +1 ■	52	176		1	■	■	3	■	■

[1] Includes oats threshed for grain and oats cut for grain when ripe or nearly ripe and fed unthreshed but does not include oats cut for hay.

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TABLE 6.—BARLEY, RYE, FLAX, BUCKWHEAT, RICE; AND IRISH POTATOES, BY COUNTIES AND MINOR CIVIL DIVISIONS:

(No farms were reported in 1940 for Minor Civil Divisions not shown in either

COUNTY AND MINOR CIVIL DIVISION	BARLEY THRESHED			RYE THRESHED			FLAX THRESHED			BUCKWHEAT THRESHED		
Code	Farms reporting	Acres	Bushels	Farms reporting	Acres	Bushels	Farms reporting	Acres	Bushels	Farms reporting	Acres	Bushels
Gorham	1	■	■	———	———	———	———	———	———	———	———	———
Scarborough	1	■	■	———	———	———	———	———	———	1	■	■
Windham	———	———	———	———	———	———	———	———	———	———	———	———
Buxton	———	———	———	———	———	———	———	———	———	———	———	———
Hollis	———	———	———	———	———	———	———	———	———	2	■	■
Total	2	■	■	———	———	———	———	———	———	3	■	■

AND MINOR CIVIL DIVISIONS: FEDERAL FARM CENSUS, APR. 1, 1940

stub or notes. In general, deletions were made to avoid disclosures)

SORGHUMS—Continued						MIXED GRAINS THRESHED[1]			WHEAT THRESHED								
Harvested for grain			Cut for hay or fodder			Farms reporting	Acres	Bushels	Farms reporting any wheat threshed	Winter wheat			Spring wheat				
Farms reporting	Acres	Bushels	Farms reporting	Acres	Tons					Farms reporting	Acres	Bushels	Farms reporting	Acres	Bushels		
———	———	———	4	■	■	———	———	———	———	———	———	———	———	———	———		
———	———	———	———	———	———	———	———	———	———	———	———	———	1	■	■		
———	———	———	———	———	———	———	———	———	———	———	———	———	———	———	———		
———	———	———	———	———	———	———	———	———	———	———	———	———	———	———	———		
———	———	———	4	■	■	———	———	———	———	———	———	———	1	■	■		

CIVIL DIVISIONS: FEDERAL FARM CENSUS, APR. 1, 1940

stub or notes. In general, deletions were made to avoid disclosures)

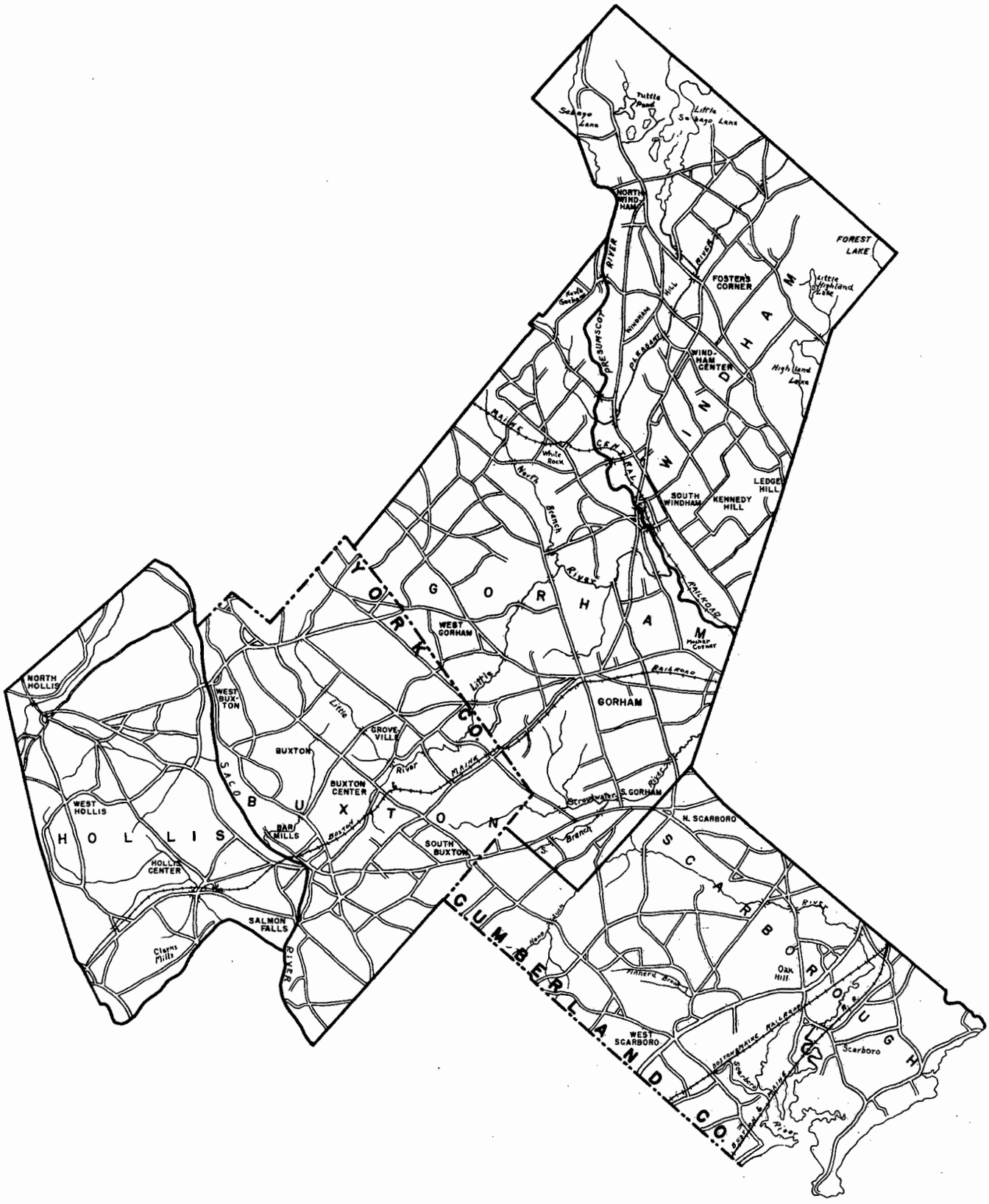
ALL HAY, EXCLUSIVE OF SORGHUMS—Continued																	
Sweetclover hay			Lespedeza hay			Clover or timothy hay, alone or mixed			Small grain hay			All other tame hay			Wild hay		
Farms reporting	Acres	Tons	Farms reporting	Acres	Tons	Farms reporting	Acres	Tons	Farms reporting	Acres	Tons	Farms reporting	Acres	Tons	Farms reporting	Acres	Tons
———	———	———	———	———	———	218	5,544	5,160	41	174	267	96	2,656	2,405	3	83	27
3	42	55	———	———	———	26	675	761	5	15	22	88	1,715	1,656	7	30	31
2	■	■	———	———	———	205	5,216	4,775	———	———	———	4	50	31	———	———	———
1	■	■	———	———	———	18	478	621	22	84	97	164	3,941	3,152	1	■	■
———	———	———	———	———	———	97	1,943	1,583	11	25	41	18	141	106	1	■	■
6	42 +2 ■	55 +2 ■	———	———	———	564	13,856	12,900	79	298	427	370	8,503	7,348	12	113 +2 ■	58 +2 ■

SWEETPOTATOES AND YAMS, TOBACCO, AND SUGAR BEETS FOR SUGAR; FEDERAL FARM CENSUS, APR. 1, 1940

stub or notes. In general, deletions were made to avoid disclosures)

RICE THRESHED			IRISH POTATOES			SWEETPOTATOES AND YAMS			TOBACCO			SUGAR BEETS FOR SUGAR		
Farms reporting	Acres	162-lb. bbl. 100-lb. bags	Farms reporting	Acres	Bushels	Farms reporting	Acres	Bushels	Farms reporting	Acres	Pounds	Farms reporting	Acres	Tons
———	———	———	138	71.65	15,380	———	———	———	———	———	———	———	———	———
———	———	———	66	102.50	15,635	———	———	———	———	———	———	———	———	———
———	———	———	73	65.88	6,323	———	———	———	———	———	———	———	———	———
———	———	———	118	50.13	4,571	———	———	———	———	———	———	———	———	———
———	———	———	93	29.88	2,693	———	———	———	———	———	———	———	———	———
———	———	———	488	320.02	44,602	———	———	———	———	———	———	———	———	———

SCHOOL SERVICE AREAS



CENSUS DATA AND FARM MANAGEMENT TEACHING

By E. B. Hill, Farm Management Department, Michigan State College

One of the objectives of Farm Management is to serve as an integrating subject in the field of agriculture. In this subject, the student has an opportunity to study what each part of the farm, such as the soil, crops, livestock, labor, machinery, and buildings contributes to the farm as a whole.

In attaining the desired objectives in farm management teaching, the selection and use of available source material is of first importance. Among the many valuable sources of information to use in this subject, the published Census Reports are of primary importance in providing a good background of what constitutes the agriculture of the nation, state, County, and township. The census reports serve to provide this background and to orient the student with respect to the use of land and the distribution of livestock in the community in which he lives as compared to other communities and regions.

The extent of the use of the census reports in farm management teaching would depend to some extent on the nature of the particular subject and the number of credits which the subject carries. Reference in this article is made with respect to the use of census material in a "first" course in farm management which carries three credits on the "quarter-year" basis.

In this course of two lectures and one two-hour laboratory period a week, the first two laboratory periods are spent on census data. The corresponding lecture periods are devoted mostly to the introduction to the field of farm management and to a discussion of types-of-farming in Michigan. If time permitted, additional laboratory and lecture time would be allotted to the study of census data and types of farming for the United States.

The Basis for the Agriculture of the State

The first laboratory exercise in this course is entitled "What Constitutes the basis for Michigan's Agriculture?" The exercise is divided into three sections as follows: (1) The farm; (2) the land and crops; and (3) the livestock. Each of these sections is divided into two or three subsections which are designed to bring out the most important points of each section. The data are arranged in such a manner as will permit a ready comparison of the items which constitute the agriculture of the United States with those of the State and County in which the student resides. Each student is provided with a copy of the census reports for the state; from these reports he obtains the information which is needed to complete the exercise and to provide information for the comparisons.

Land Use

Since "land use" is being given so much importance at the present time, the section on "the land and crops" is designed to show in three columns how the farm land is utilized in the United States, Michigan and "your County" by means of acreage and percentage figures. The items in this section are divided into four main headings as follows: (1) Number of farms; (2) approximate land area in acres; (3) all land in farms (in acres) and a break-down into five classes; and (4) land available for crops and a break-down into the main uses including plowable pasture, the different harvested crops, crop failure and the acreage of idle or fallow land.

After the acreage table has been completed, another table is filled in to show, in order of their importance, the six major crops for the United States, Michigan, and "your county." The order of importance is based on the acres in the crop. Plowable pasture is included as one of the crops.

Livestock Numbers and Production

Livestock data and comparisons are shown by means of two tables, one to show livestock numbers, and the other to show livestock production for Michigan and "your county." The average numbers of the different classes of livestock per farm are computed on two bases, one average is based on "all farms" and the other is based on the "number of farms reporting" the item. Average numbers are computed for (1) "horses and mules over 3 months old"; (2) "cows and heifers milked"; (3) "ewes over 18 months old"; (4) "sows and gilts"; and (5) "chickens over 4 months old April 1."

Use of Mimeo Maps

In the second laboratory exercise, the student is provided with a set of thirty-one mimeographed maps of Michigan which help to present by another method the general "land use" picture as well as the distribution of the most important crop and livestock enterprises in the state. Through the use of these maps and supplementary information, the student becomes better informed in regard to the factors which determine types of farming.

Instruction sheets are provided which give directions for the shading of seventeen of the thirty-one maps. This shading of the maps brings out very clearly the varying degrees of the intensity of land use in the state as well as the areas of concentration of the different crops and livestock.

Township Census Data

Both graduate and undergraduate students have made much use of the photostatic copies of census data for townships which were available for the 1935 census. These data were particularly useful to students and teachers of vocational agriculture who were interested in statistical information regarding the agriculture of the community in which they were either teaching or planning to teach.

As an aid in making the best use of these laboratory exercises, the student is given a list of study questions, some of these questions are included in one of the tests given during the term.

Results Obtained

Most of the students enjoy these exercises relating to the census reports and are of the opinion that they are well worthwhile. In addition to achieving one of the major objectives of the course, these exercises incidentally provide many students with their first opportunity to learn the contents of the census reports and how to use them. This item alone would justify the use of these laboratory exercises. As a matter of convenience, the instructor offers to collect the money and order census reports for members of the class. In this manner many students obtain the census reports for their own files.

Unit: What Determines the Types of Farming in Michigan?*

Problem I. Where is the major portion of tillable farm land found in Michigan?

- Ex. 1. Shade in the counties in Michigan which have over 150,000 acres of tillable land in 1934; 50,000 acres to 150,000 acres inclusive. Leave balance of the counties unshaded. (In shading in the counties use the darker shading or color to indicate the largest amounts, percentages, or areas of greatest concentration, and then use lighter shades for the next group etc., until the last group is reached which will be left white or unshaded. Indicate by means of a code on each map what the different shadings represent.)
- Ex. 2. Shade in the counties where the percent of total land area in farms in 1935 was above 50; 16 to 50 inclusive; less than 16 leave unshaded.
- Ex. 3. Shade in the counties where the average size of farms in 1935 was above the average size for the state.
- Ex. 4. Shade in the counties where the percent of farm land operated by nonowners in 1929 was 30 or above.

Problem II. Where are the major areas of concentration of the different crops in Michigan?

- Ex. 1. Shade in the counties where the percent of tillable land in corn in 1934 was 15 or more; 10 to 14 inclusive. (Write on each crop map in order of their importance the factors which account for the concentration of the crop in the particular area. Consider only five factors: (1) climate, (2) soil, (3) topography, (4) markets, and (5) lack of competing crops.)
- Ex. 2. Shade in the counties where the percent of tillable land in potatoes in 1934 was 5 percent or more.
- Ex. 3. Shade in the counties where the percent of tillable land in beans in 1929 was 12 or more; 4 to 11 inclusive.
- Ex. 4. Shade in the counties where the percent of tillable land in sugar beets in 1934 was 2 percent or more.
- Ex. 5. Shade in the counties, except Crawford, where the percent of tillable land in tree fruits and vegetables in 1929 was 4 percent or more.
- Ex. 6. Shade in the counties where the percent of tillable land in barley in 1934 was 3 percent or more.
- Ex. 7. Shade in the counties where the percent of tillable land in wheat in 1934 was 10 percent or more.
- Ex. 8. Shade in the counties where the percent of tillable land in hay in 1934 was 45 percent or more; 30 to 44 inclusive.
- Ex. 9. Shade in the counties where the percent of tillable land in hay and tillable pasture in 1934 was 60 percent or more; 40 to 59 percent inclusive.

Problem III. Where are the major areas of concentration of the different livestock enterprises in Michigan?

- Ex. 1. Shade in the counties where the number of cows and 2-year old heifers on January 1, 1935 per 100 acres of tillable land was 9 or above. (The livestock maps do not show the relative number of the different kinds of livestock. They show the relation of livestock numbers to the acres of tillable land. List the factors on each livestock map which explain the localization of each class of stock.)
- Ex. 2. Shade in the counties where the number of hogs and pigs on January 1, 1935 per 100 acres of tillable land was 5 or more.
- Ex. 3. Shade in the counties where the number of sheep on January 1, 1935 per 100 acres of tillable land was 15 or more.
- Ex. 4. Shade in the counties where the number of chickens on January 1, 1935 per 100 acres of tillable land was above 130.

*References: Agricultural Census Data for Michigan.
Michigan Special Bulletin on Types of Farming in Michigan.

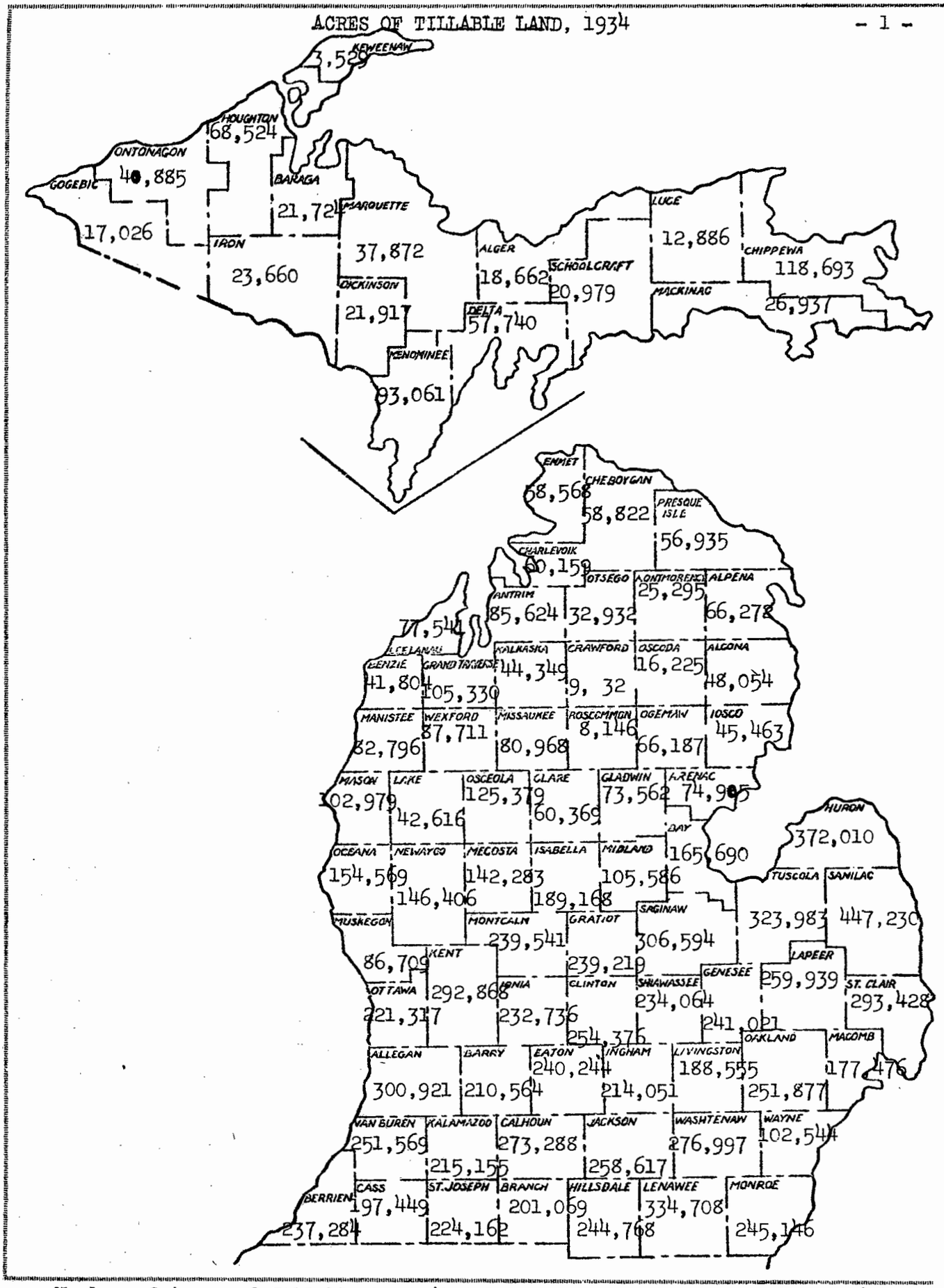
534992

Farm Management Department Mimeo (E. B. H.)

MICHIGAN MAPS SHOWING 1935 CENSUS DATA BY COUNTIES

1.	Acres of tillable land	1934
2.	Per cent of farm land tillable	1934
3.	Per cent of total land area in farms	1935
4.	Number of farms 1935 and per cent change from 1930	
5.	Number of farms 1935 " " " " " 1925	
6.	Average size of farms 1925 and 1935	
7.	Per cent of farm land operated by non-owners	1929
8.	Corn, per cent of tillable land.	1934
9.	Potatoes, " " " "	1934
10.	Field beans " " " "	1929
11.	Sugar beets " " " "	1934
12.	Tree fruits and vineyards.	1929
13.	INTERTILLED CROPS, TOTAL "	1929
14.	Oats	1934
15.	Barley	1934
16.	Wheat	1934
17.	Rye	1934
18.	Field peas	1929
19.	SMALL GRAINS, TOTAL.	1929
20.	Hay crops total.	1934
21.	Plowable pasture	1934
22.	HAY AND PLOWABLE PASTURE, TOTAL	1934
23.	Idle or fallow crop land	1934
24.	Cows and heifers, 2 yrs. old and over, No. per 100 Til. A.	1935
25.	Hogs and pigs, No. per 100 acres tillable land.	1935
26.	Sheep " " " " " "	1935
27.	Chickens over 3 mo." " " " " "	1930

Farm Management Department
Michigan State College
3/15/36

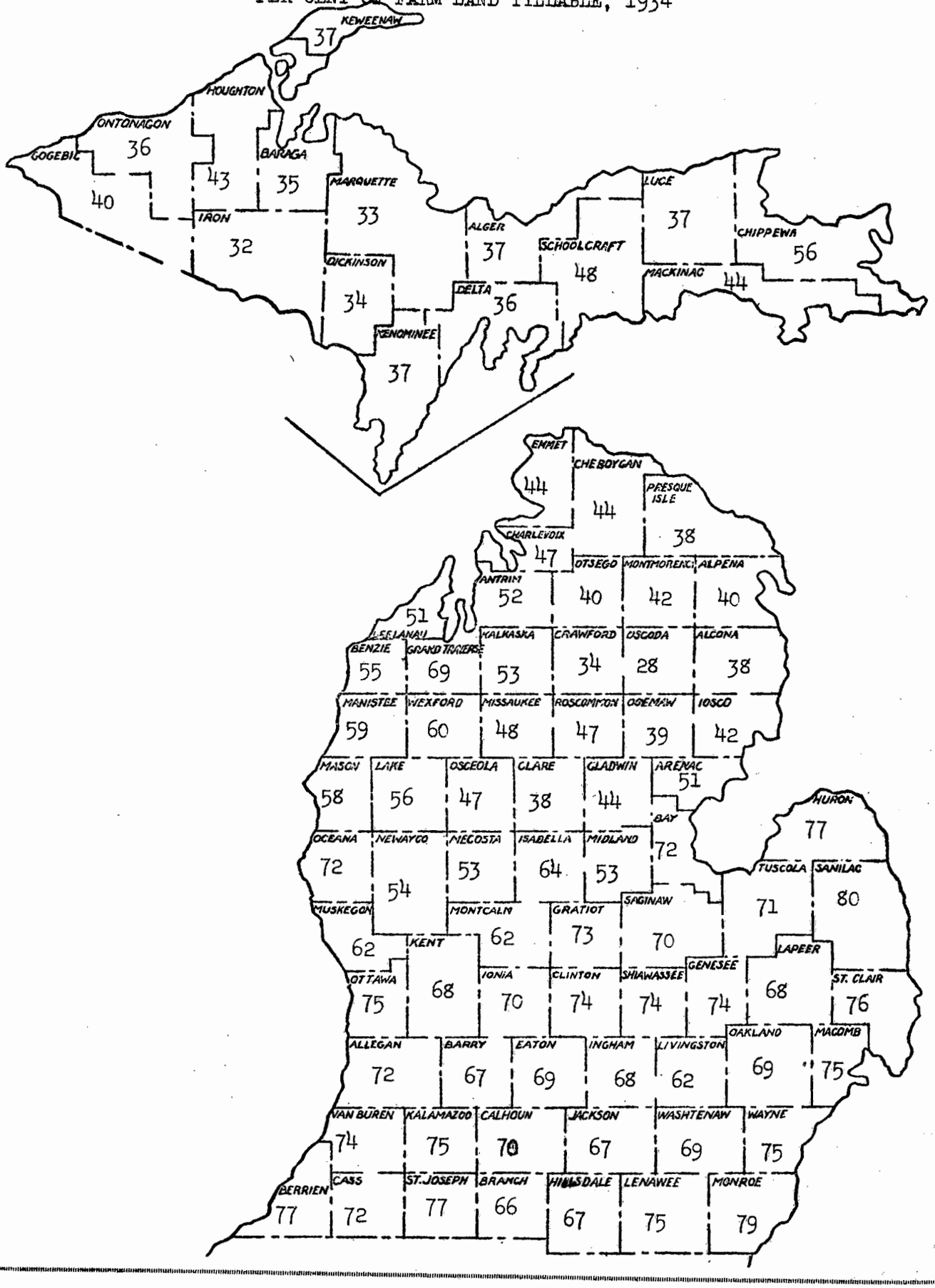


Number of Acres of Tillable Land (total crop land plus plowable pasture) in Counties - 1934

State - 11,617,299 acres

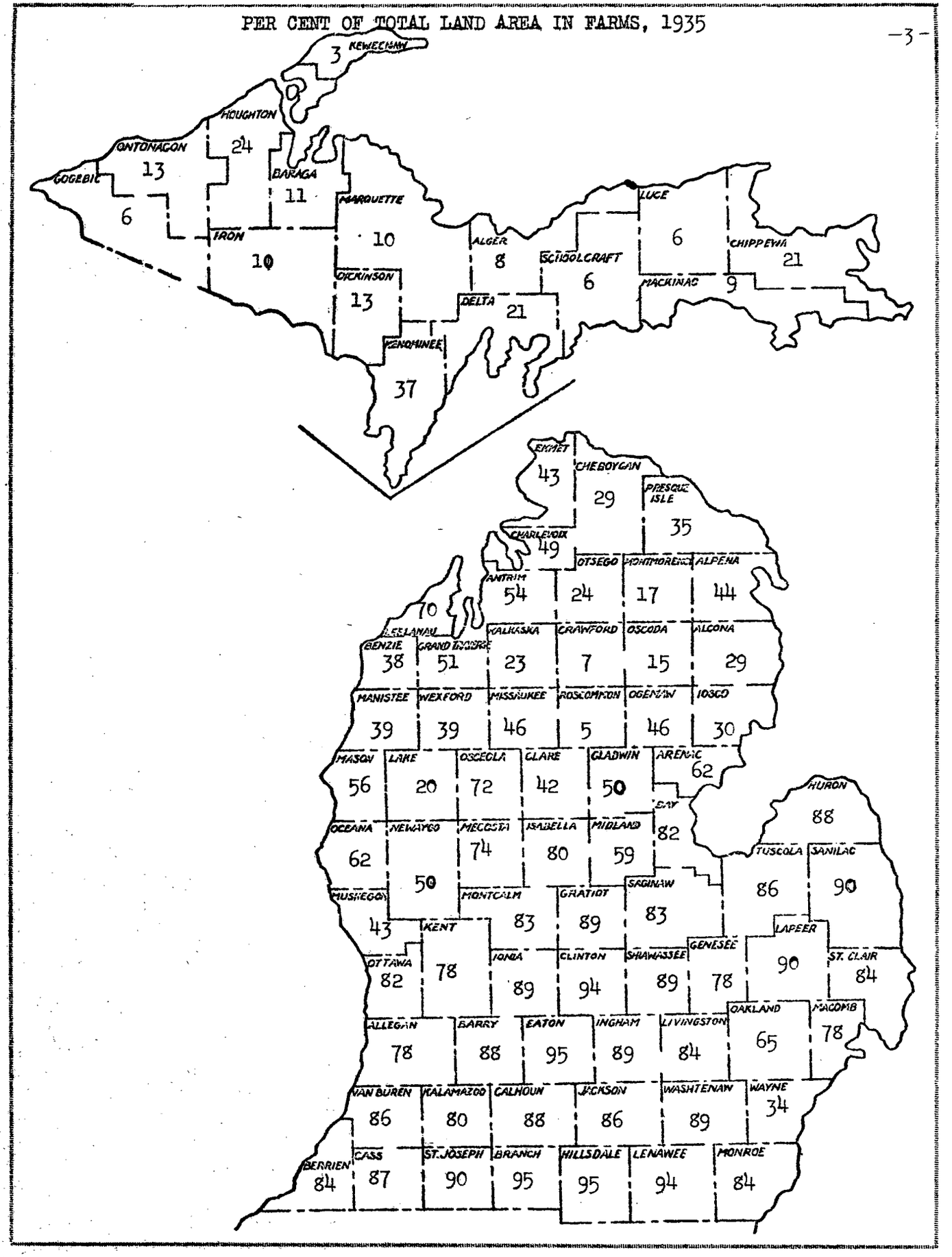
- 2 -

PER CENT OF FARM LAND TILLABLE, 1934



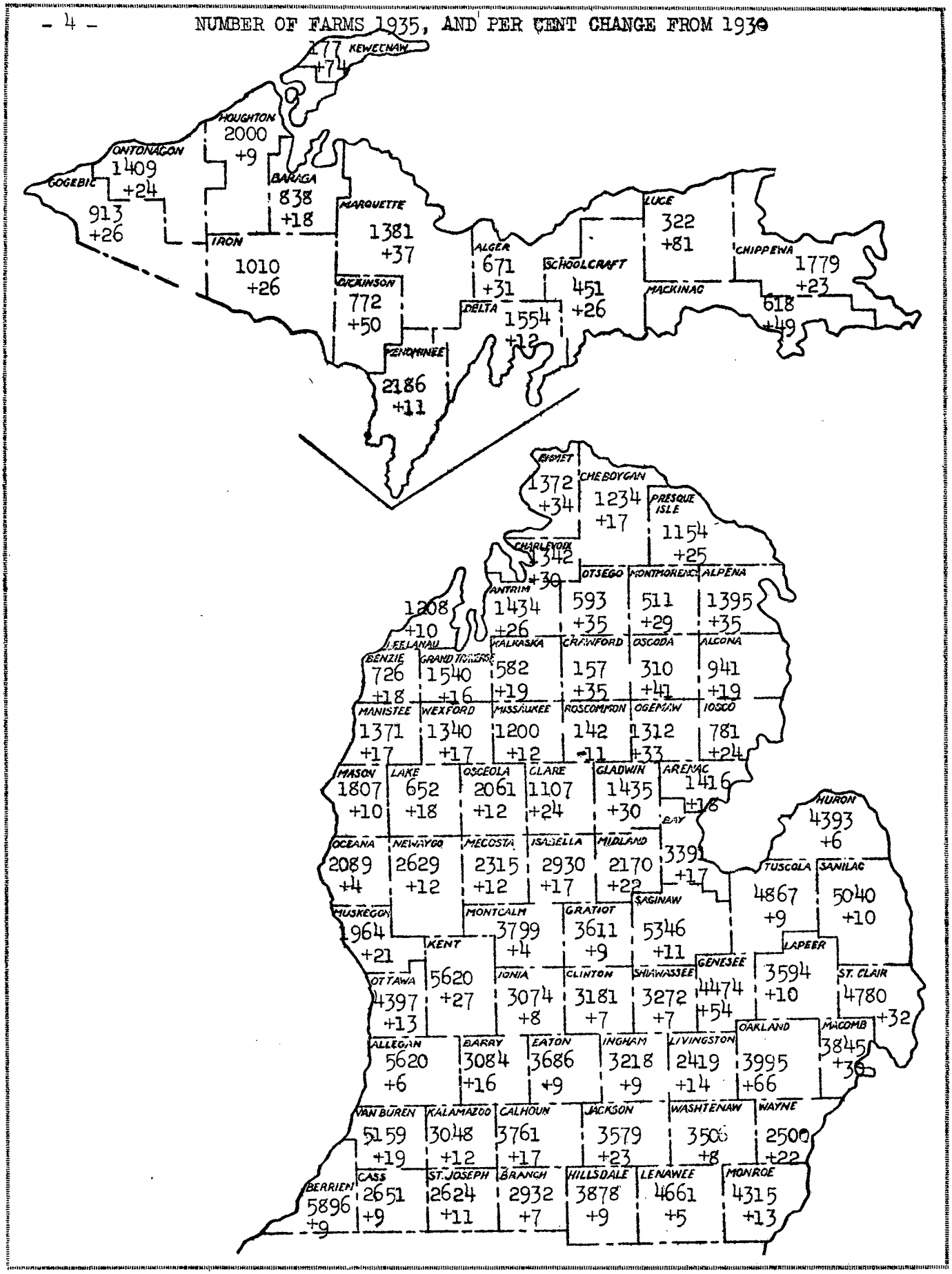
Average for Michigan, 64 per cent

PER CENT OF TOTAL LAND AREA IN FARMS, 1935



Average for Michigan, 50 per cent

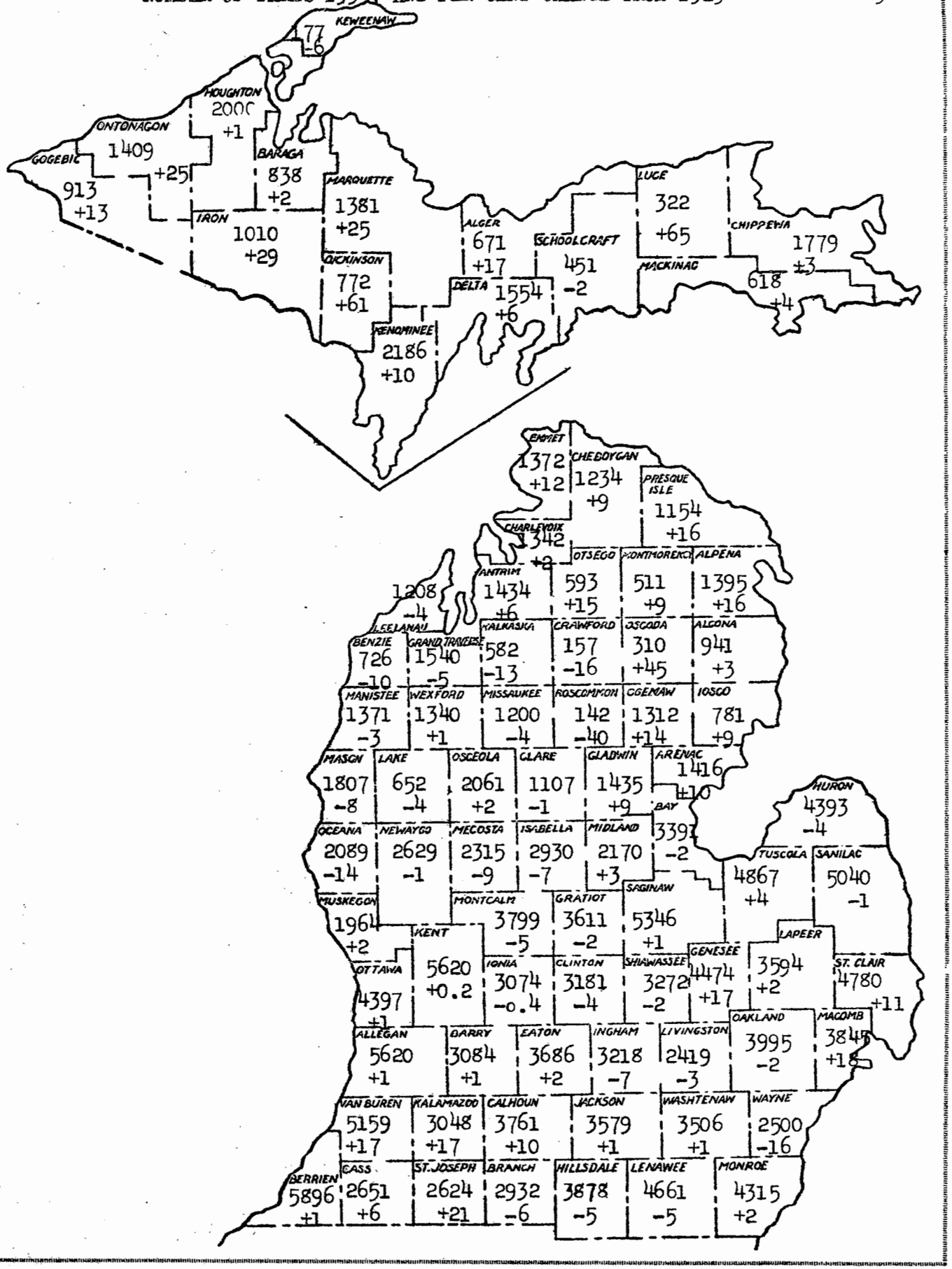
- 4 - NUMBER OF FARMS 1935, AND PER CENT CHANGE FROM 1930



Upper figure - Number of farms 1935
Lower figure - Per cent increase (+) or decrease (-) in number of farms since 1930

1935 Total for Michigan, 196, 517
1930 Total for Michigan, 169, 390

NUMBER OF FARMS 1935, AND PER CENT CHANGE FROM 1925 - 5 -

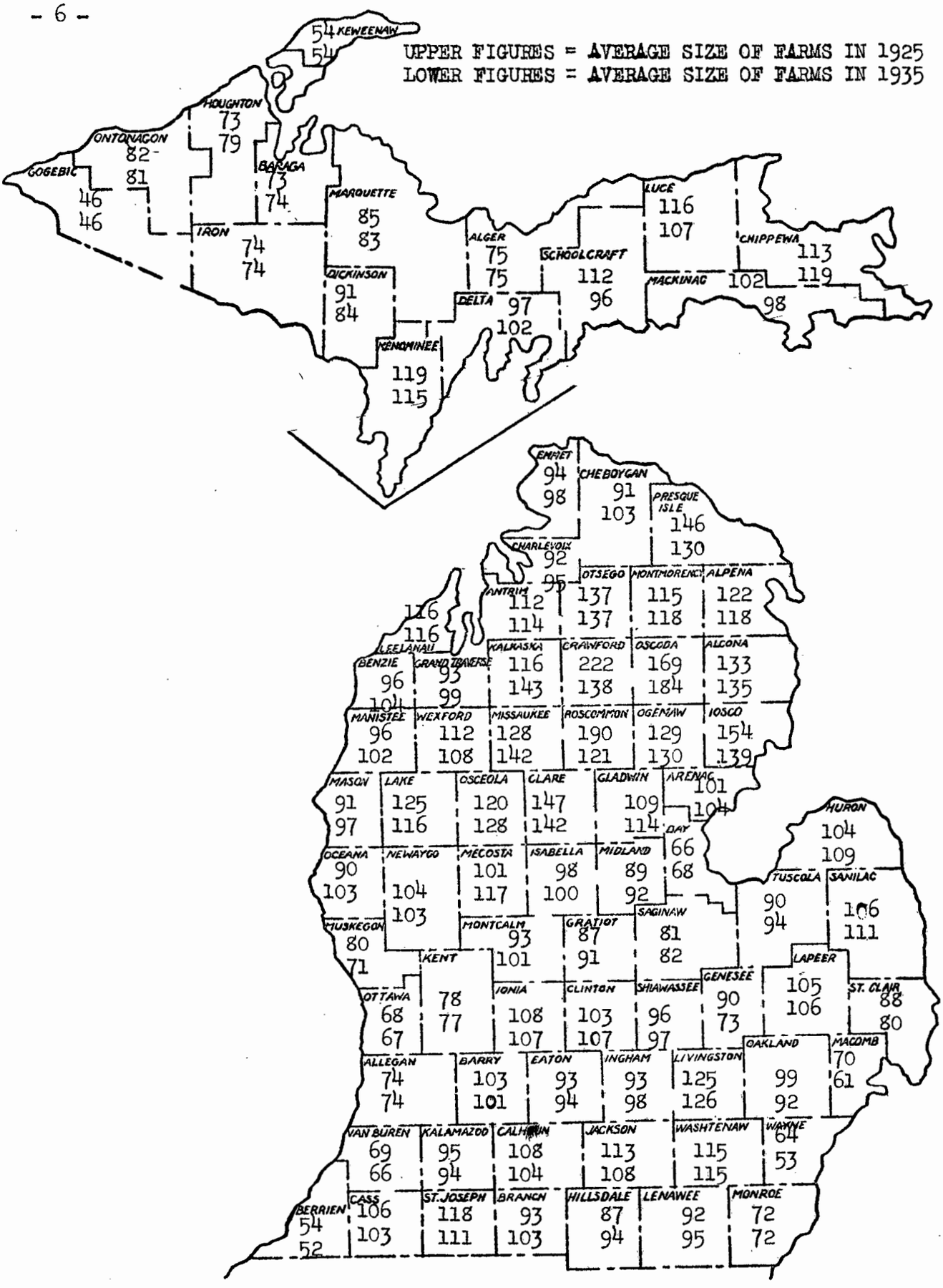


Upper figure = Number of farms, 1935
Lower figure = Per cent of increase (+), or decrease (-) in number of farms since 1925.

1935 Total for Michigan 196,517
1925 Total for Michigan 192,327

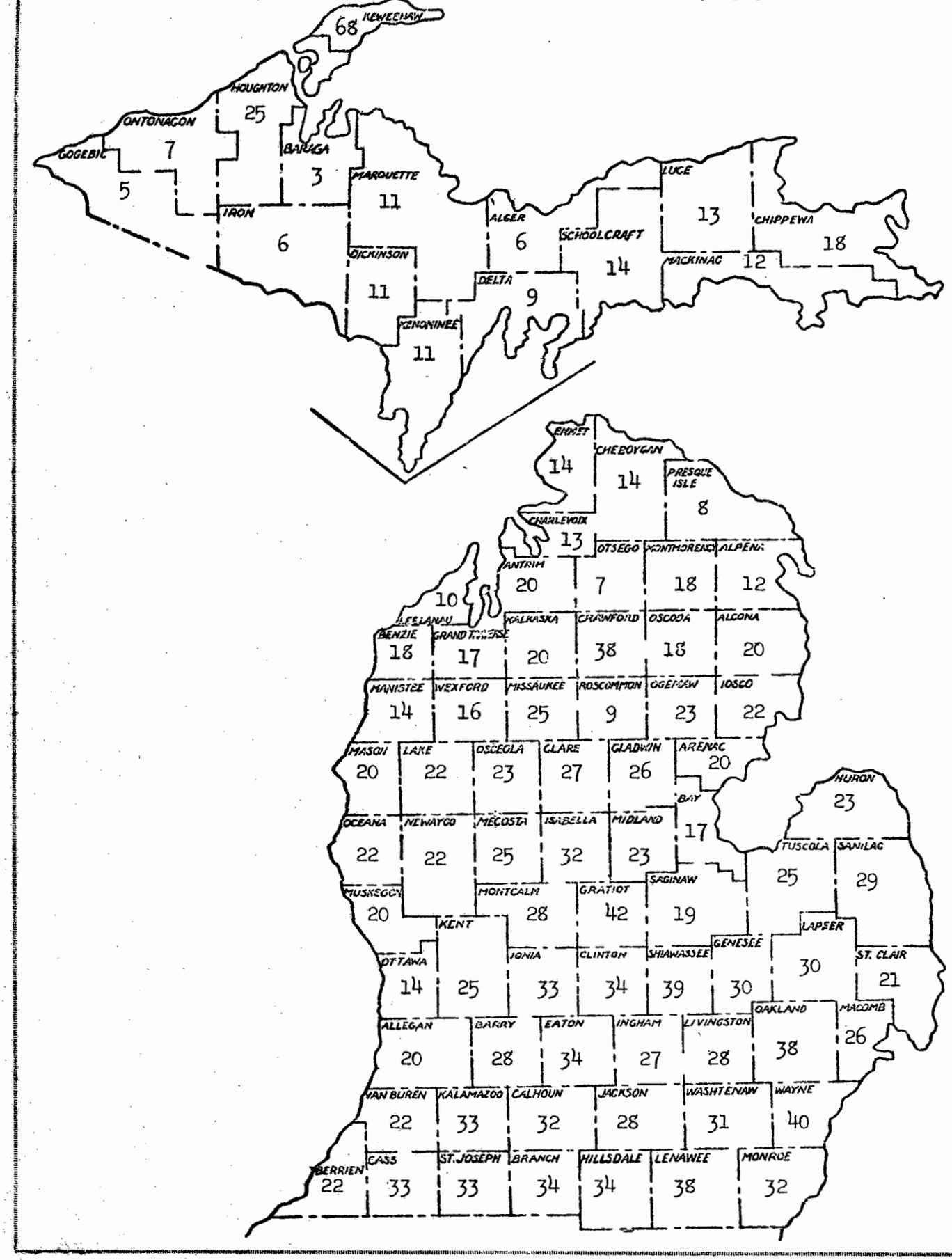
534992 O - 43 - 12

- 6 -



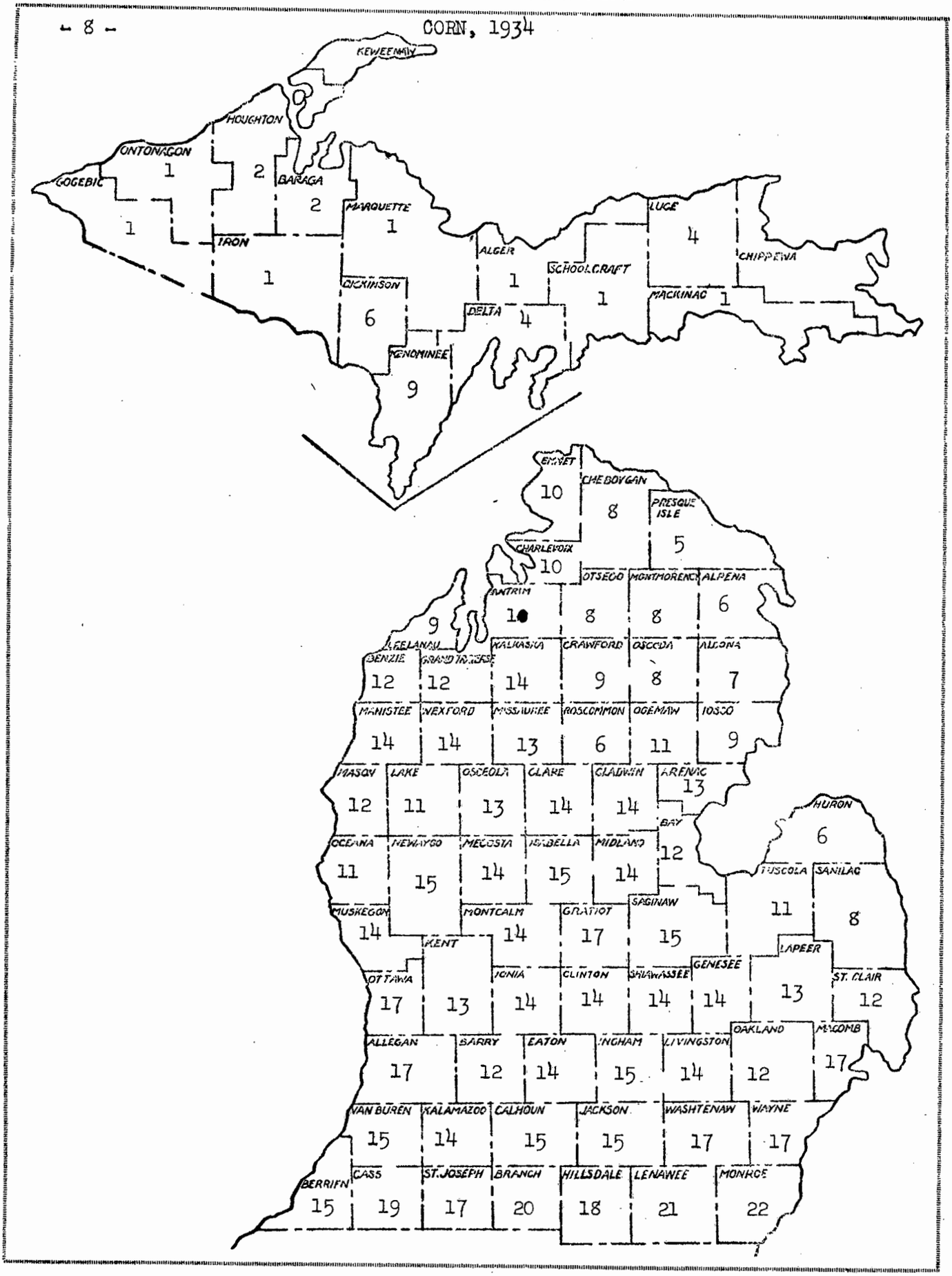
1925 Average for Michigan 93.8
1935 Average for Michigan 93.9

PER CENT OF FARM LAND OPERATED BY NON-OWNERS, 1929 - 7 -



Per cent of land in farms rented and operated by part owners and tenants - 1929. (1935 census figures for the item were not available 3/16/36)

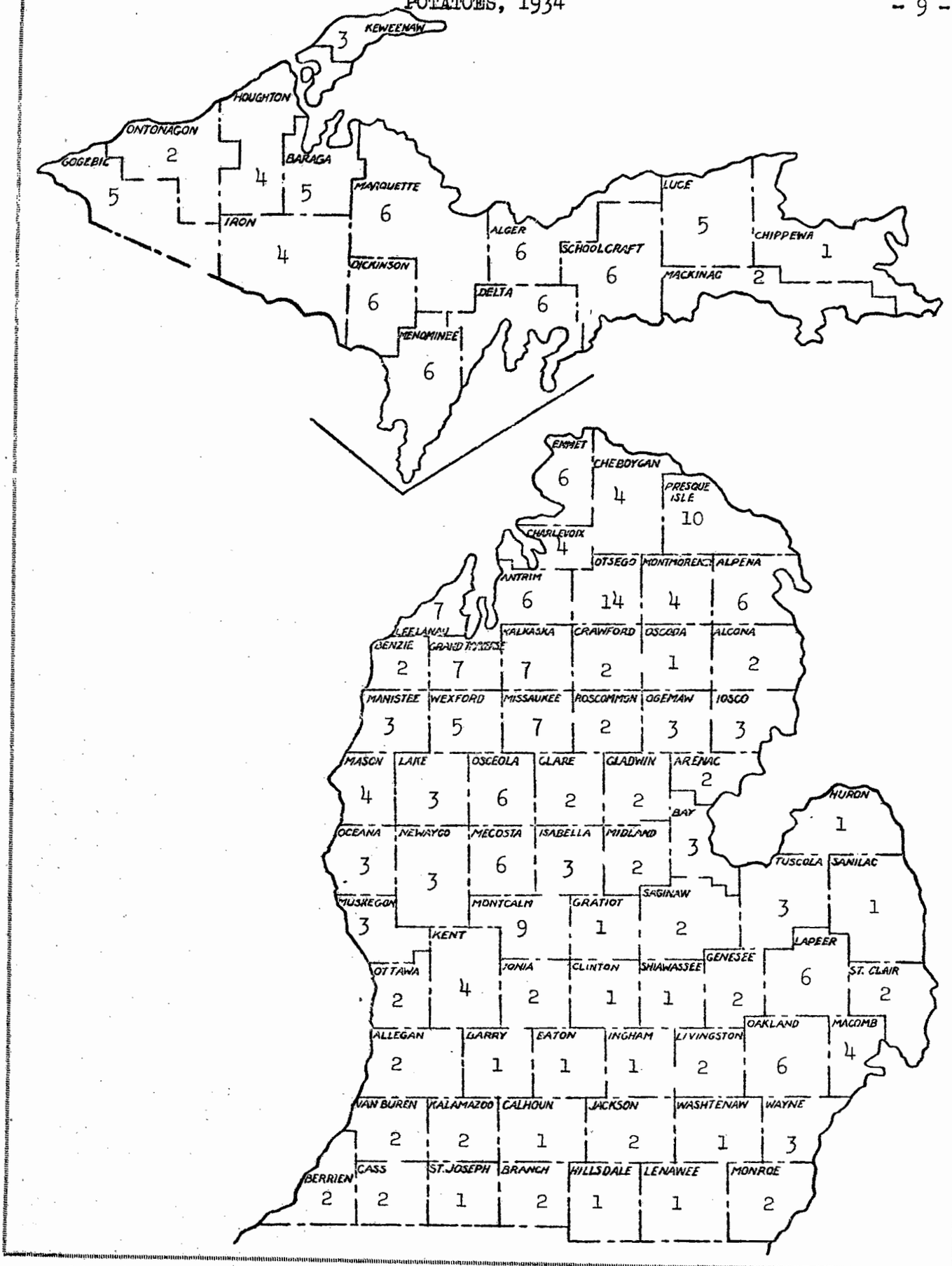
Average for Michigan 25.6 per cent.



Per Cent of Tillable Land in Corn by Counties - 1934.

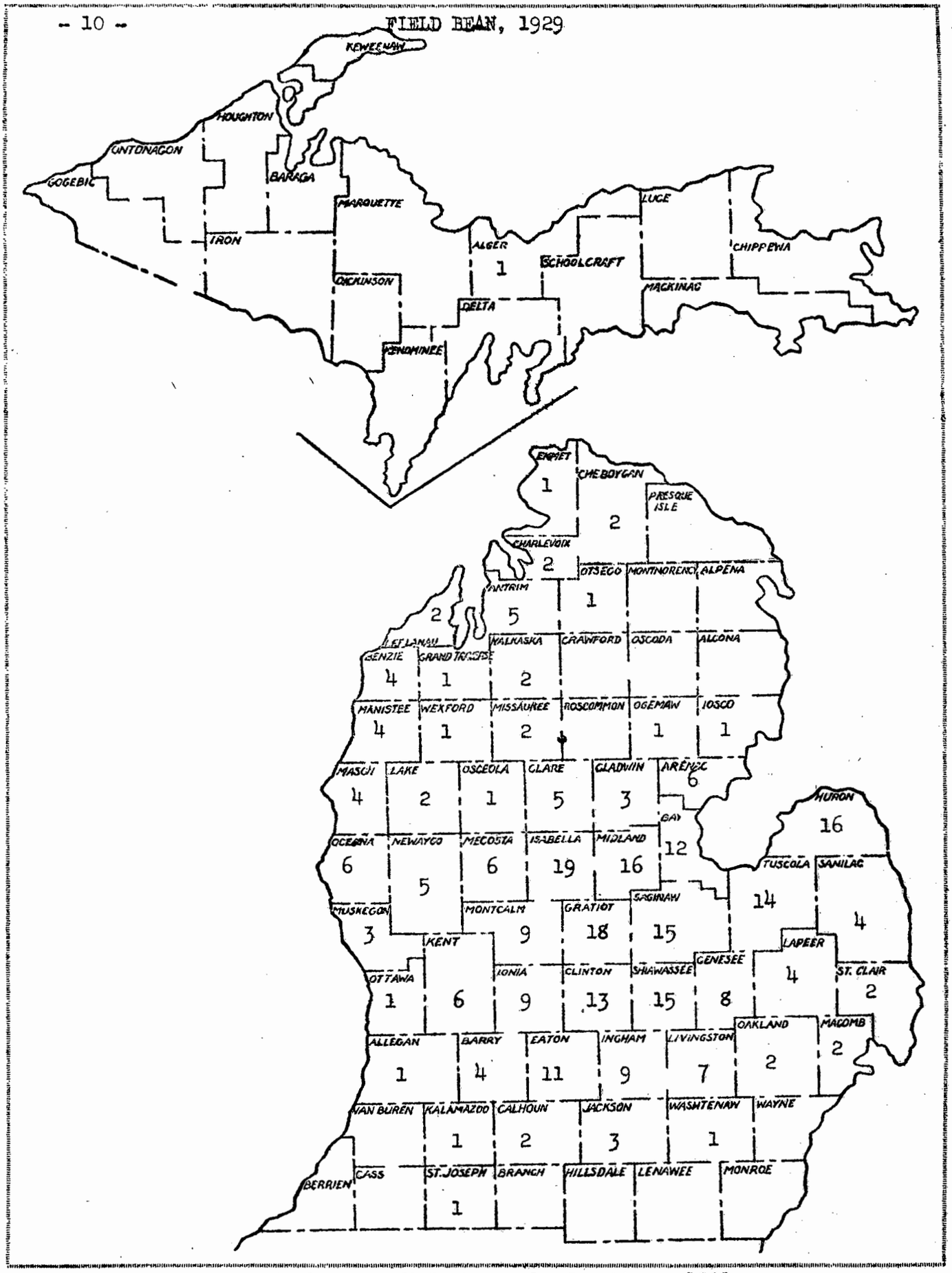
Average for Michigan, 13.4 per cent

POTATOES, 1934 - 9 -



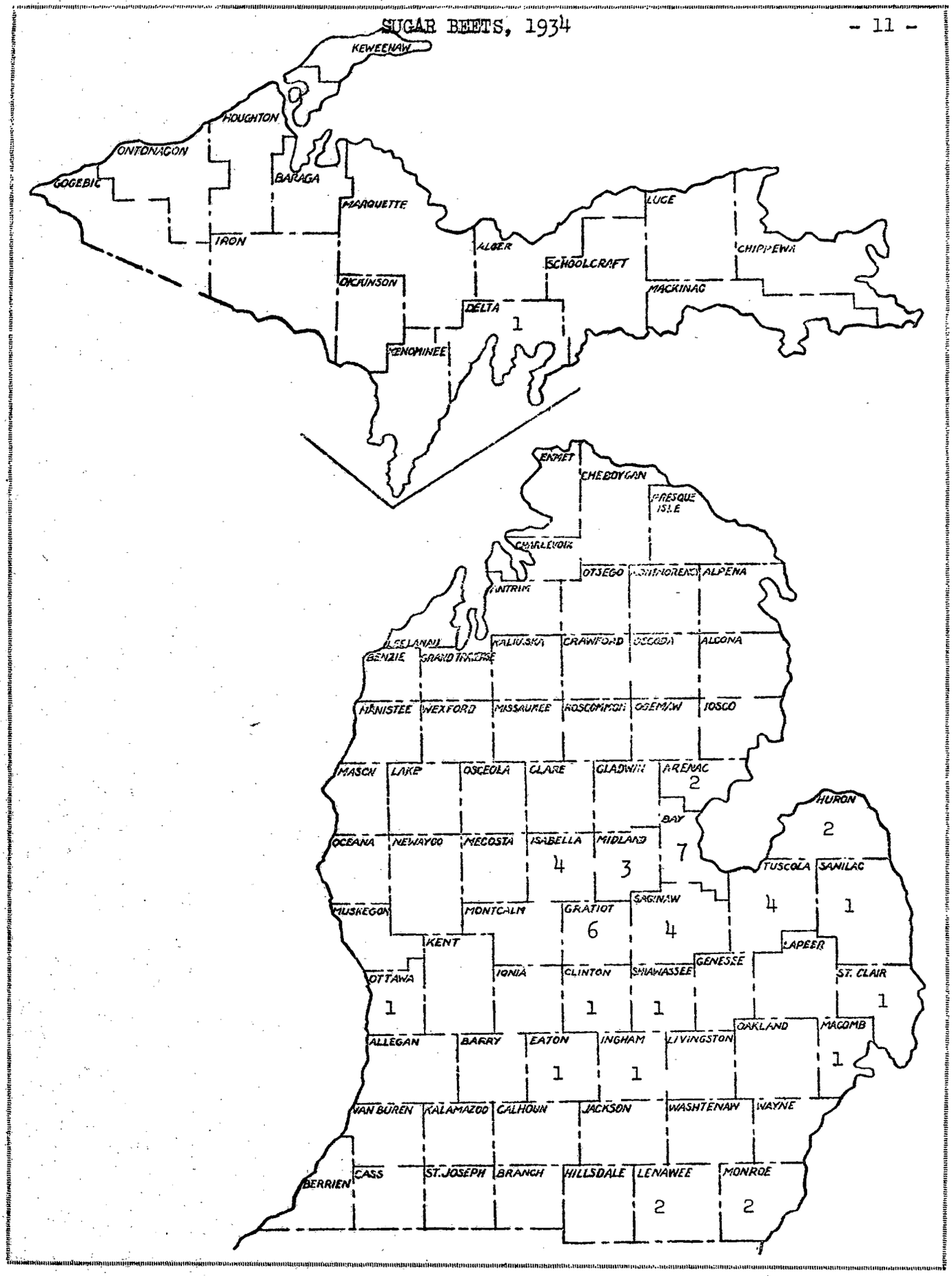
Per Cent of Tillable Land in Potatoes by Counties - 1934.

Average for Michigan 2.7 per cent



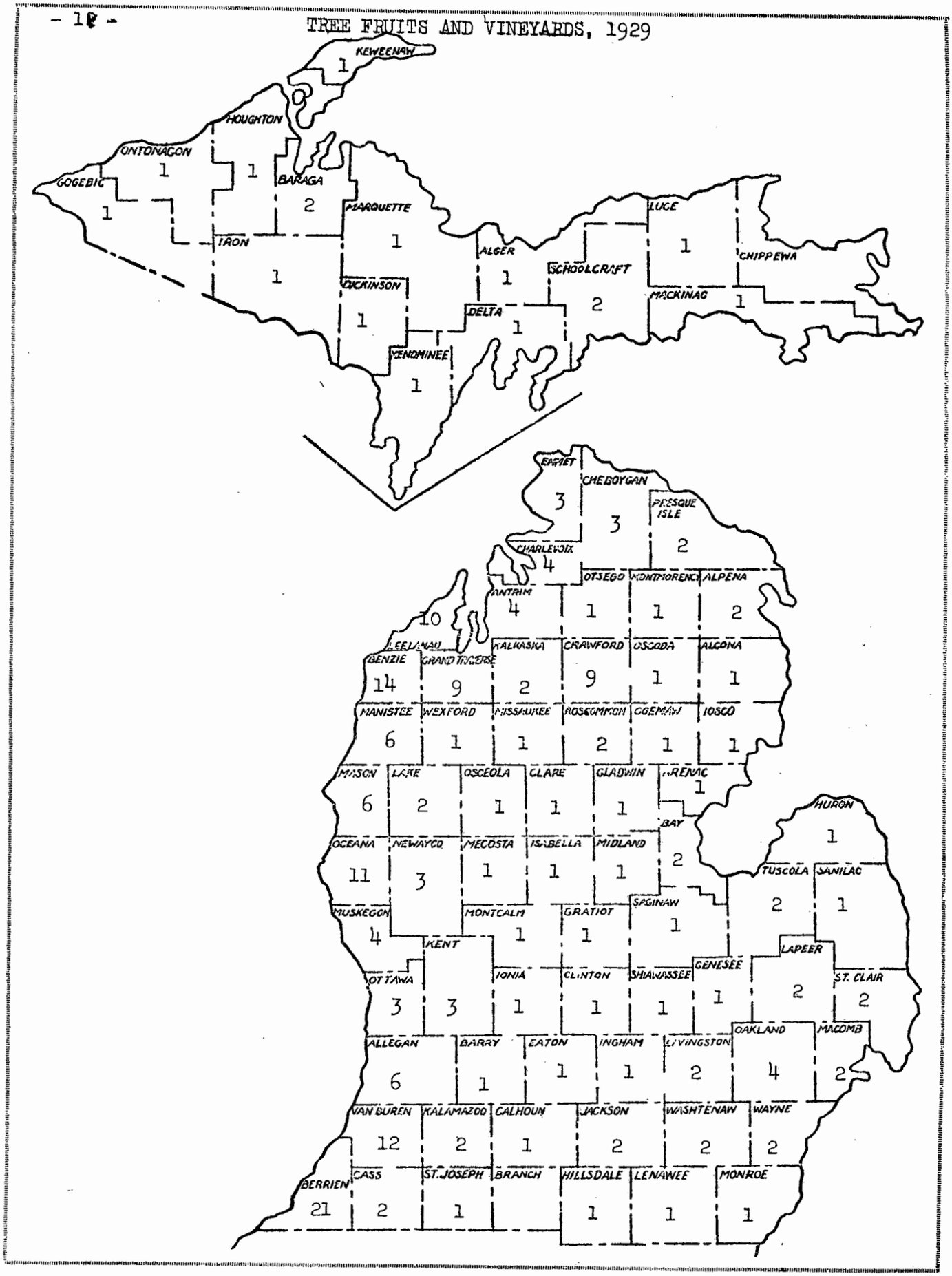
Per Cent of Tillable Land in Field Beans by Counties - 1929.
(1935 census figures for beans not available 3/15/36)

Average for Michigan 5.2 per cent



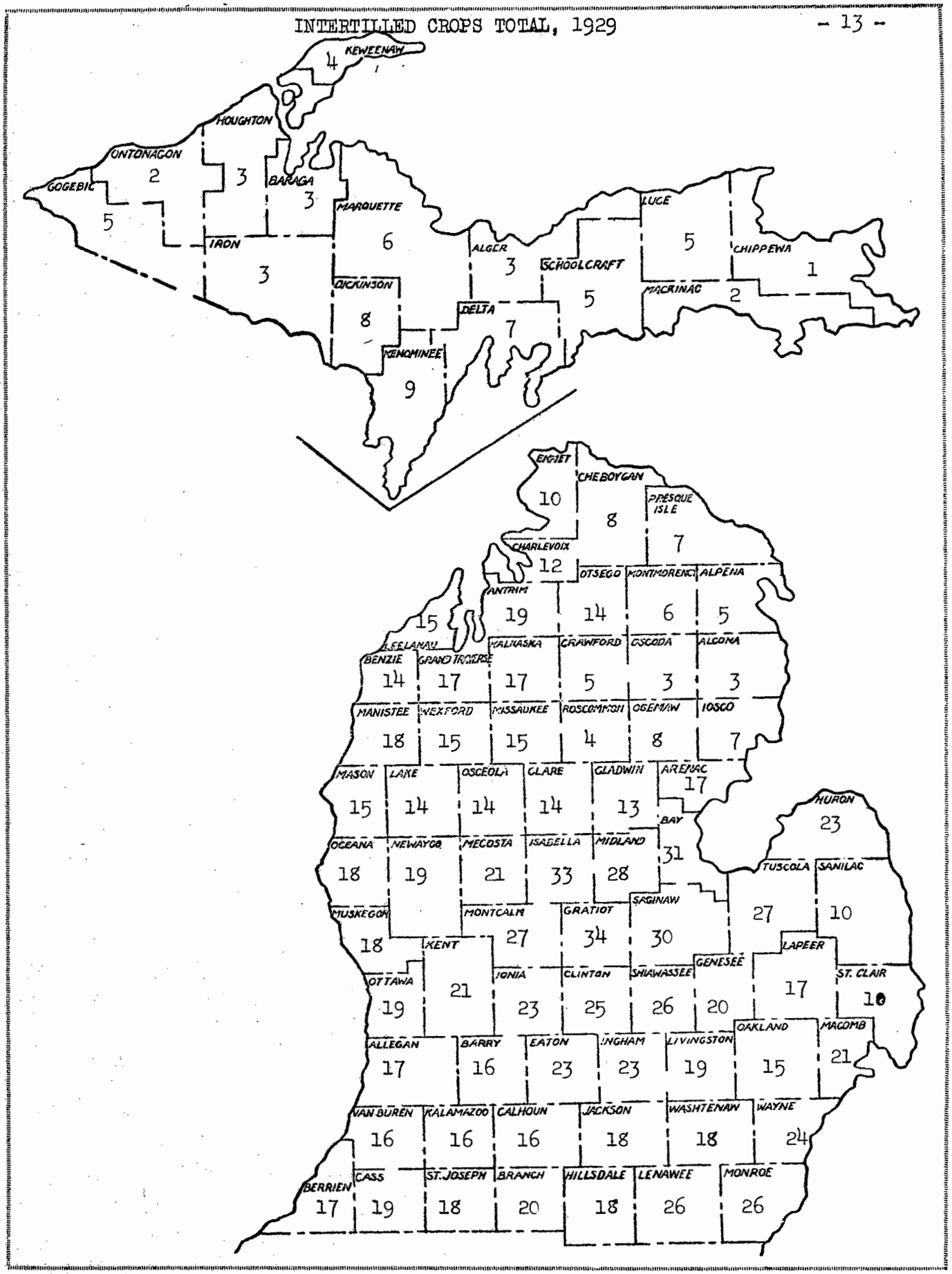
Per Cent of Tillable Land in Sugar Beets by Counties - 1934.

Average for Michigan 0.9 per cent



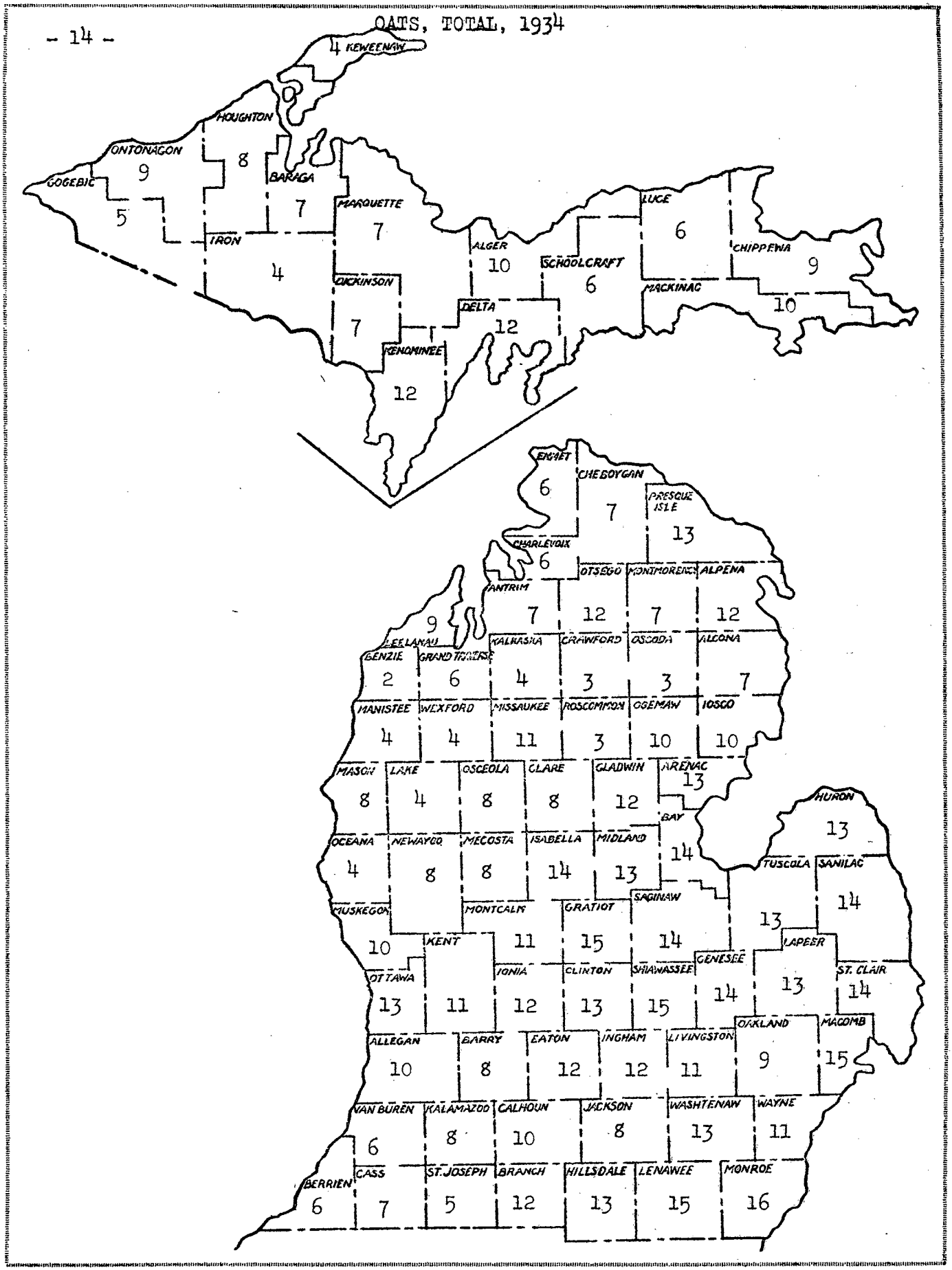
Per Cent of Tillable Land in Tree Fruits and Vineyards by Counties - 1929.
(1935 Census figures not available for the item 3/15/36.)

Average for Michigan 2.6 per cent.



Per Cent of Tillable Land in Intertilled Crops by Counties - 1929.
(1935 Census figures not available for this item 3/15/36)

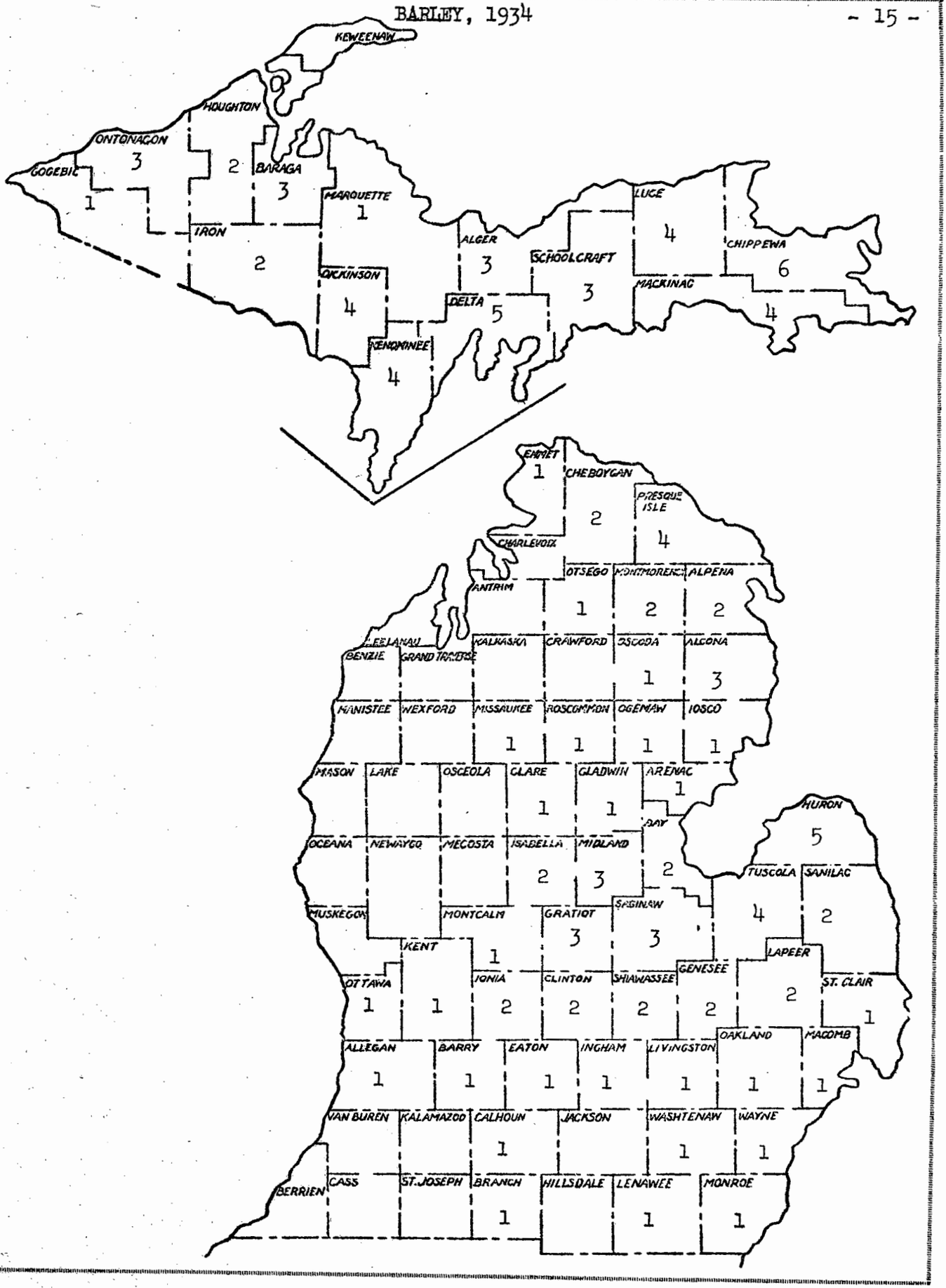
Average for Michigan, 19 per cent



Per Cent of Tillable Land in Oats by Counties — 1934.

Average for Michigan 10.9 per cent.

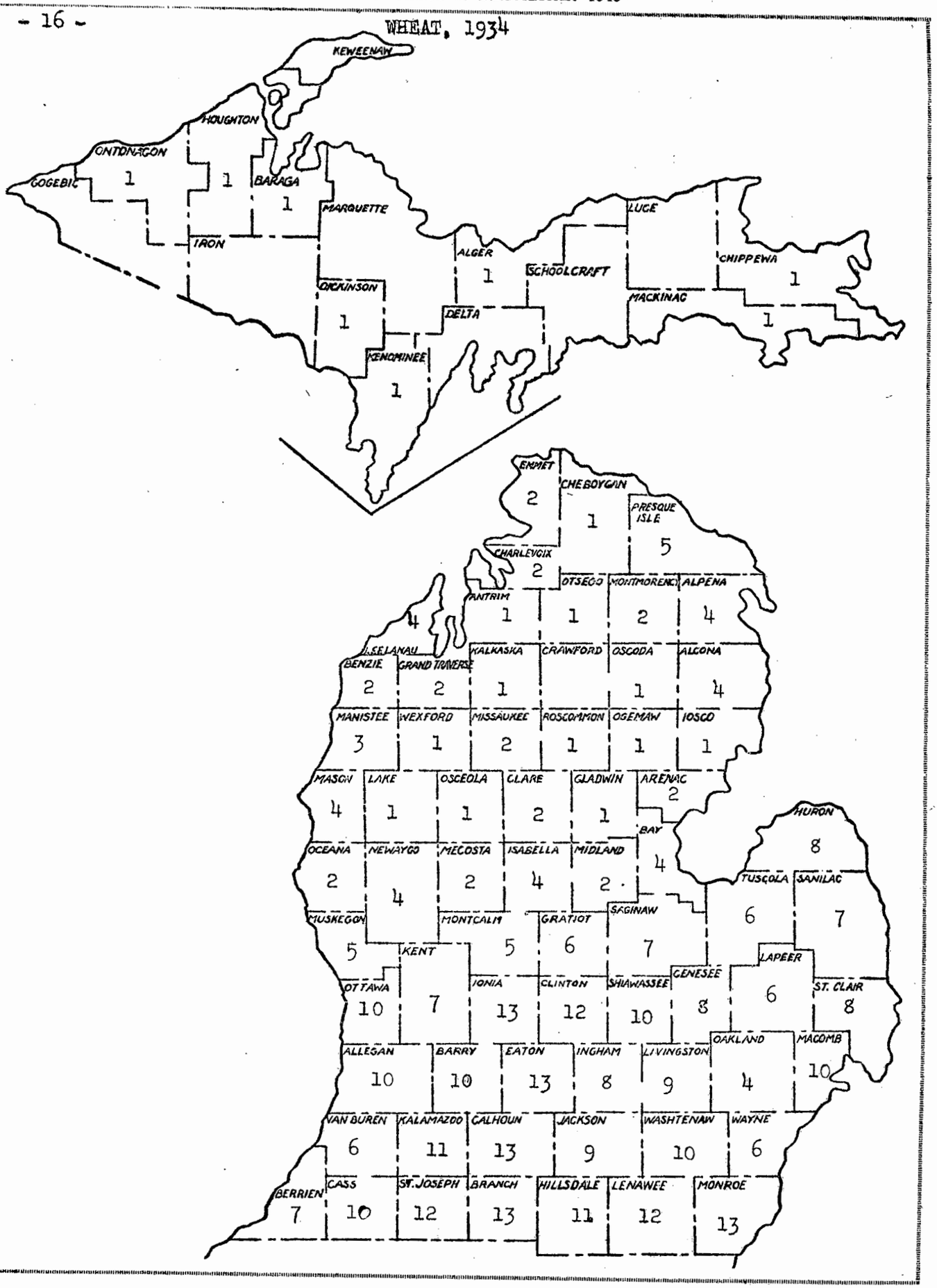
BARLEY, 1934 - 15 -



Per Cent of Tillable Land in Barley by Counties - 1934.

Average for Michigan 1.4 per cent.

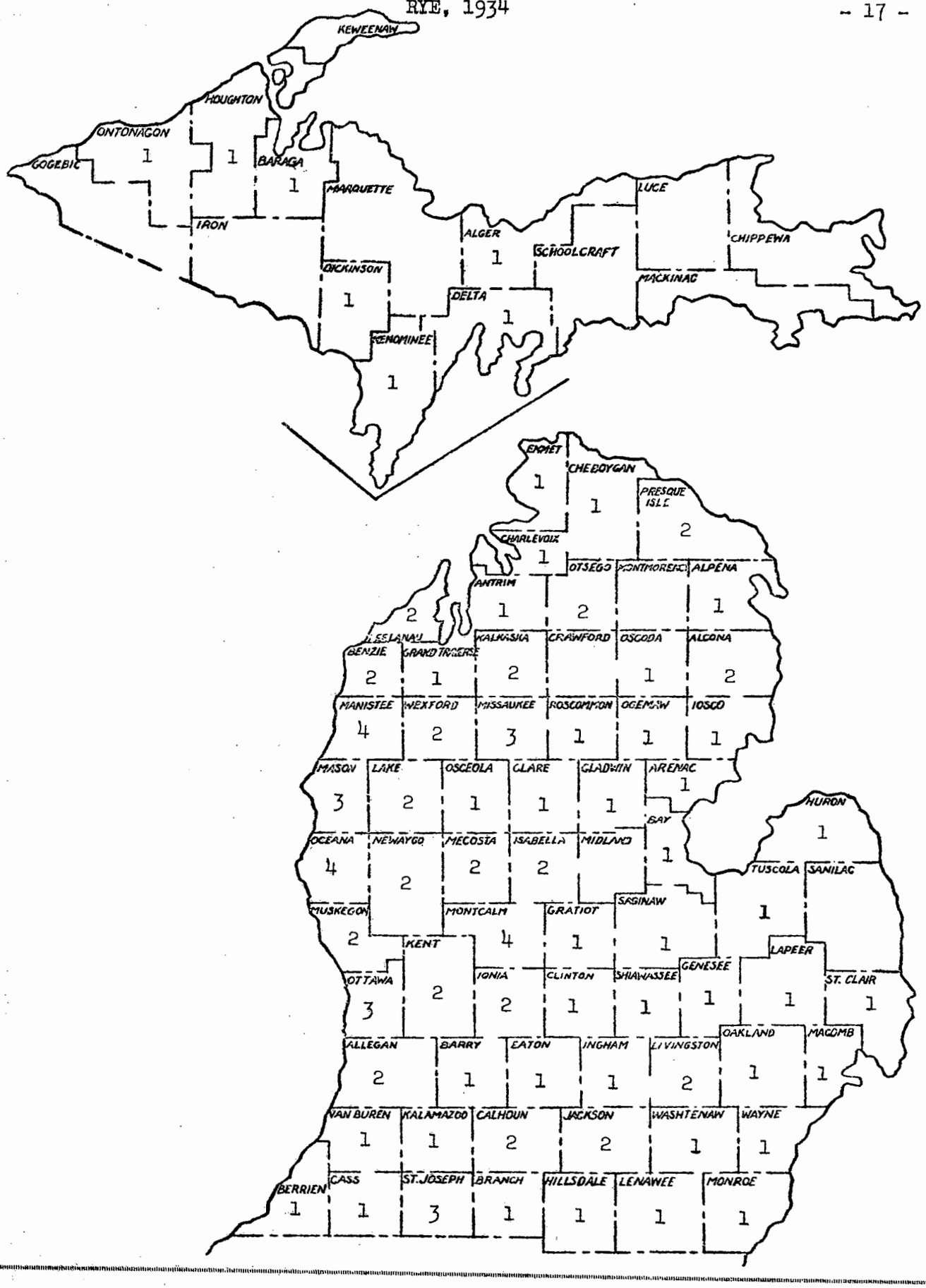
- 16 -



Per Cent of Tillable Land in Wheat by Counties - 1934.

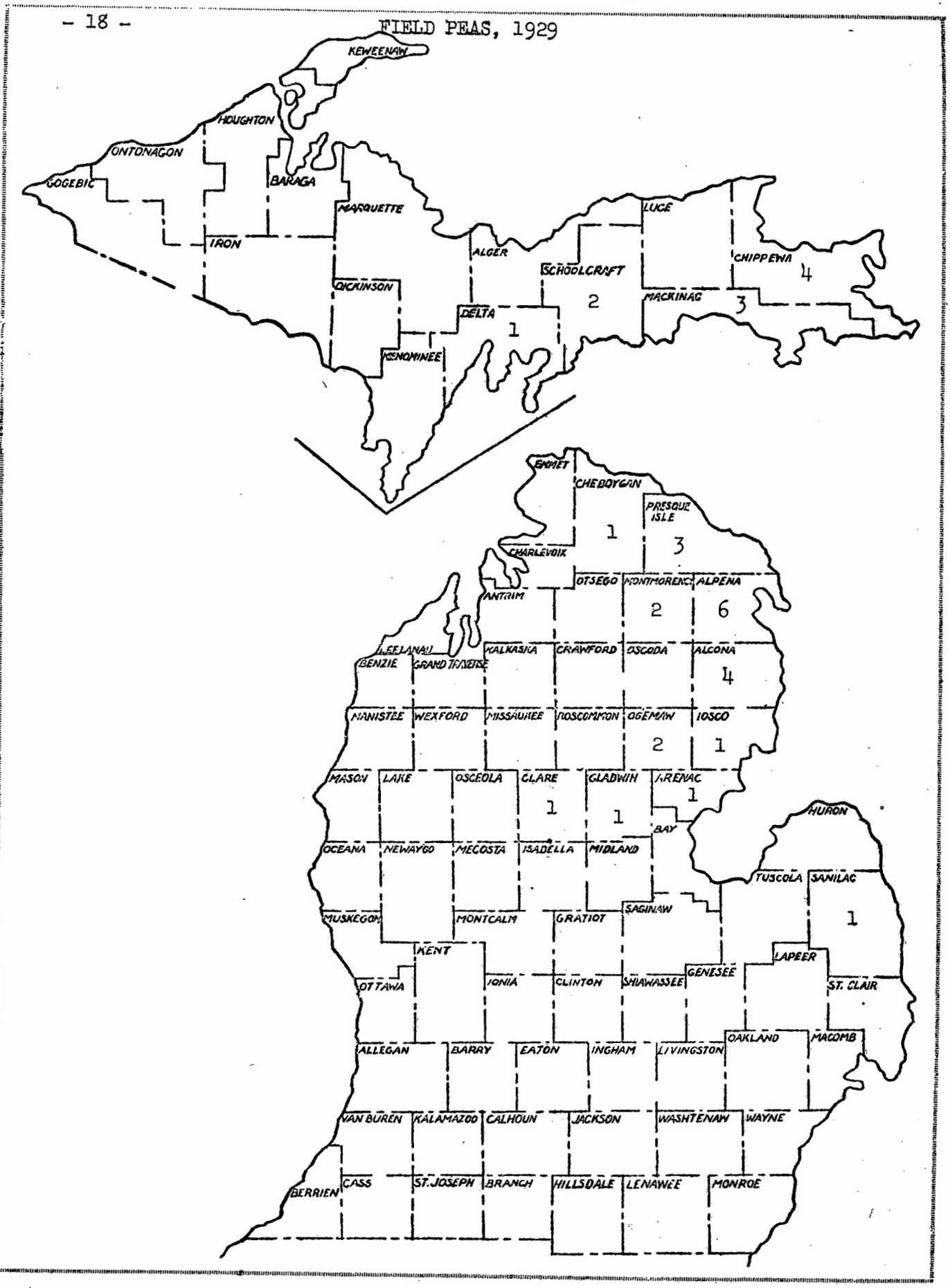
Average for Michigan 7.2 per cent

RYE, 1934 - 17 -



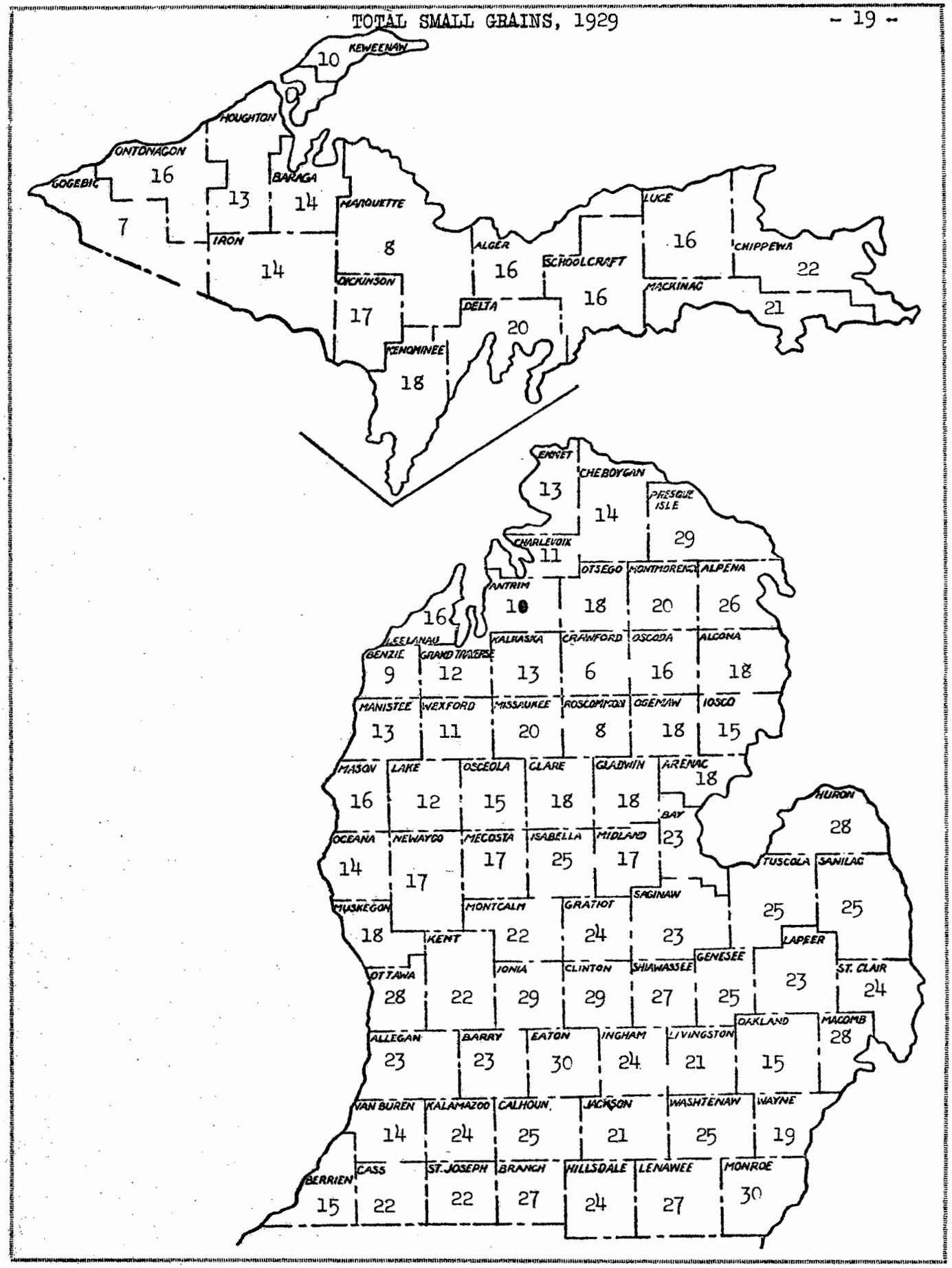
Per Cent of Tillable Land in Rye by Counties - 1934

Average for Michigan 1.3 per cent



Per Cent of Tillable Land in Field Peas by Counties - 1929
(1935 census figures for peas not available 3/15/36)

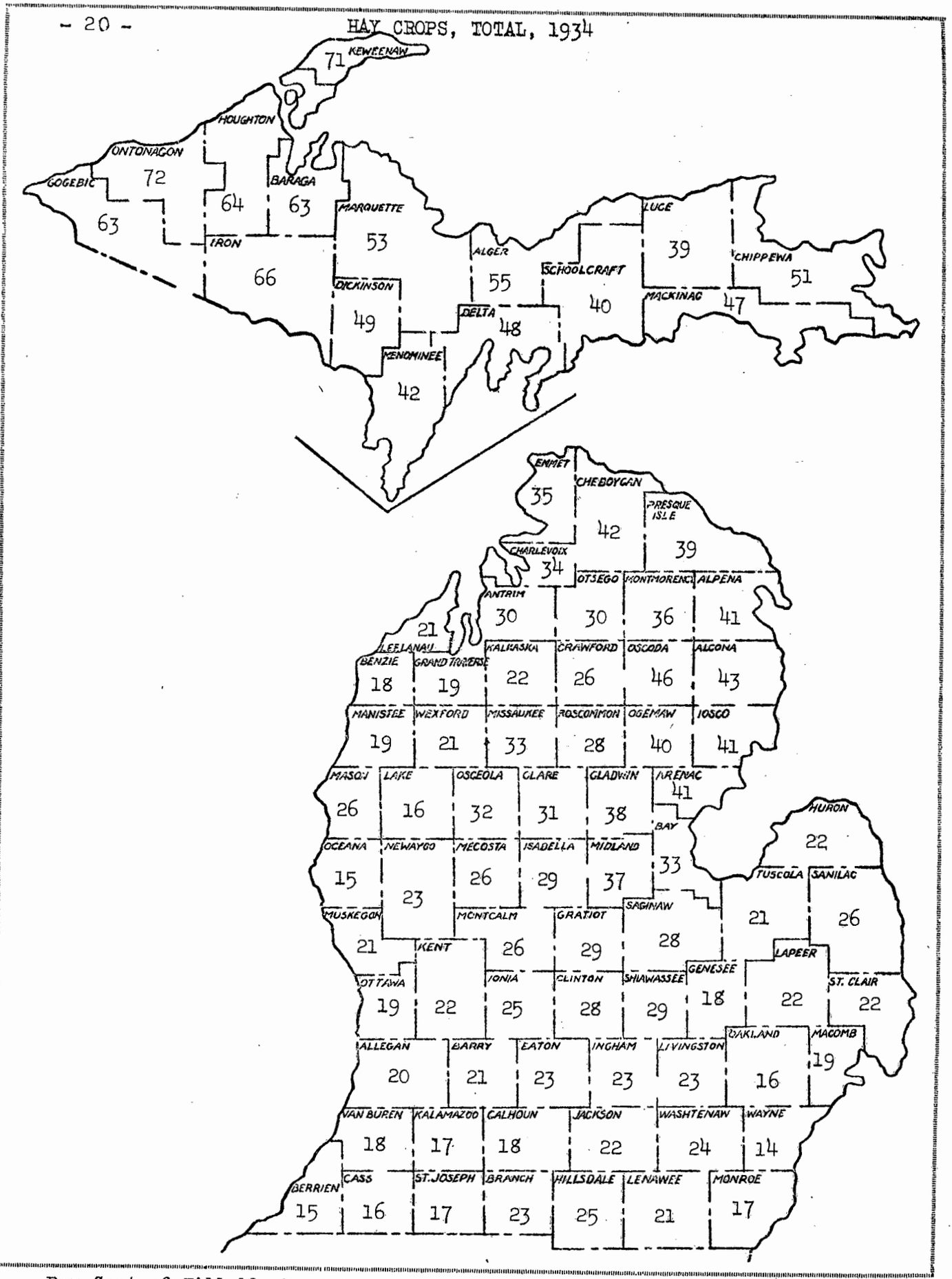
Average for Michigan, 0.2 per cent



Per Cent of Tillable Land in Small Grains by Counties - 1929
(1935 census figures for total small grains not available 3/15/36)

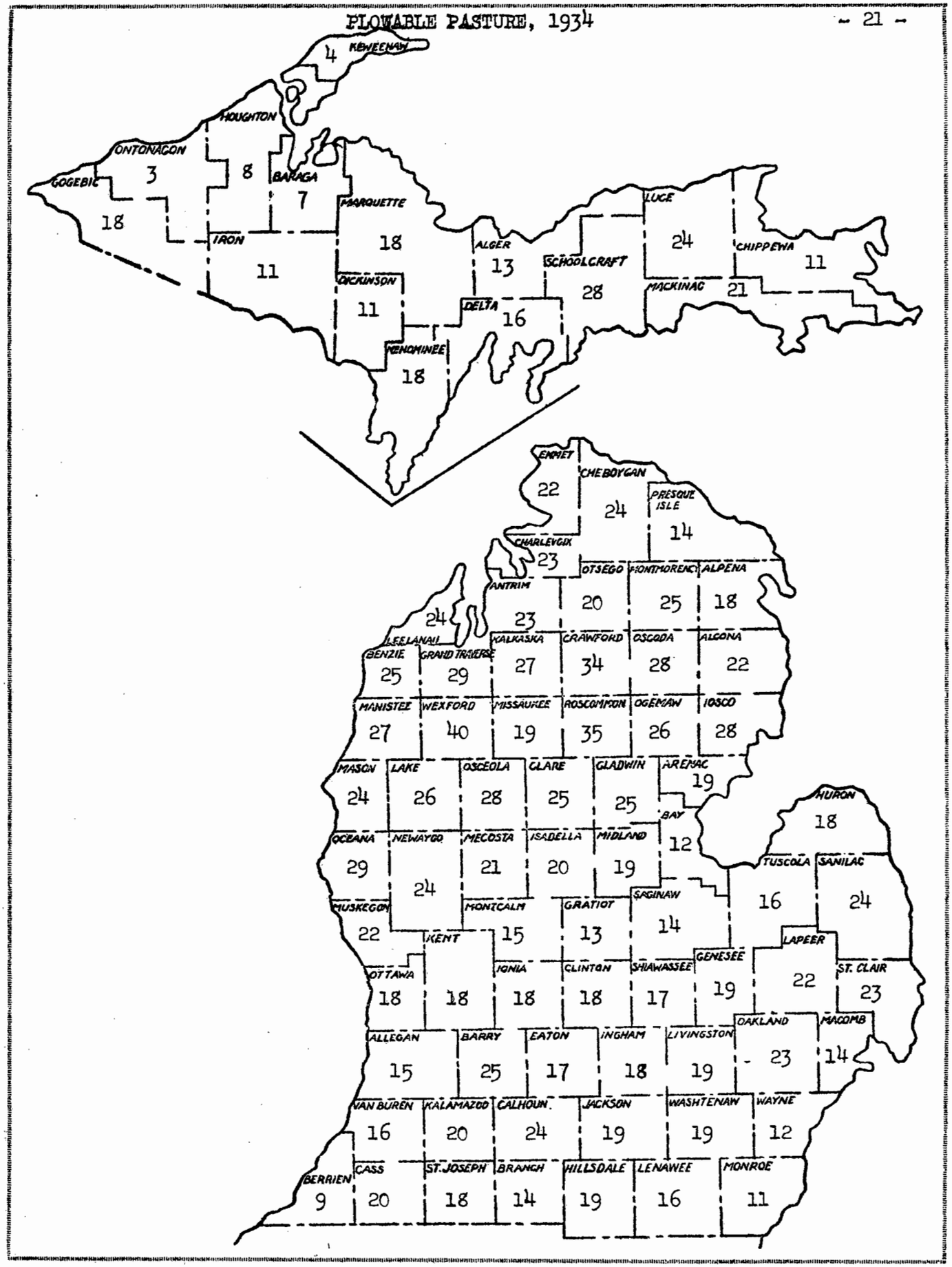
Average for Michigan, 22.3 per cent

- 20 -



Per Cent of Tillable Land in Hay by Counties - 1934

Average for Michigan, 25 per cent



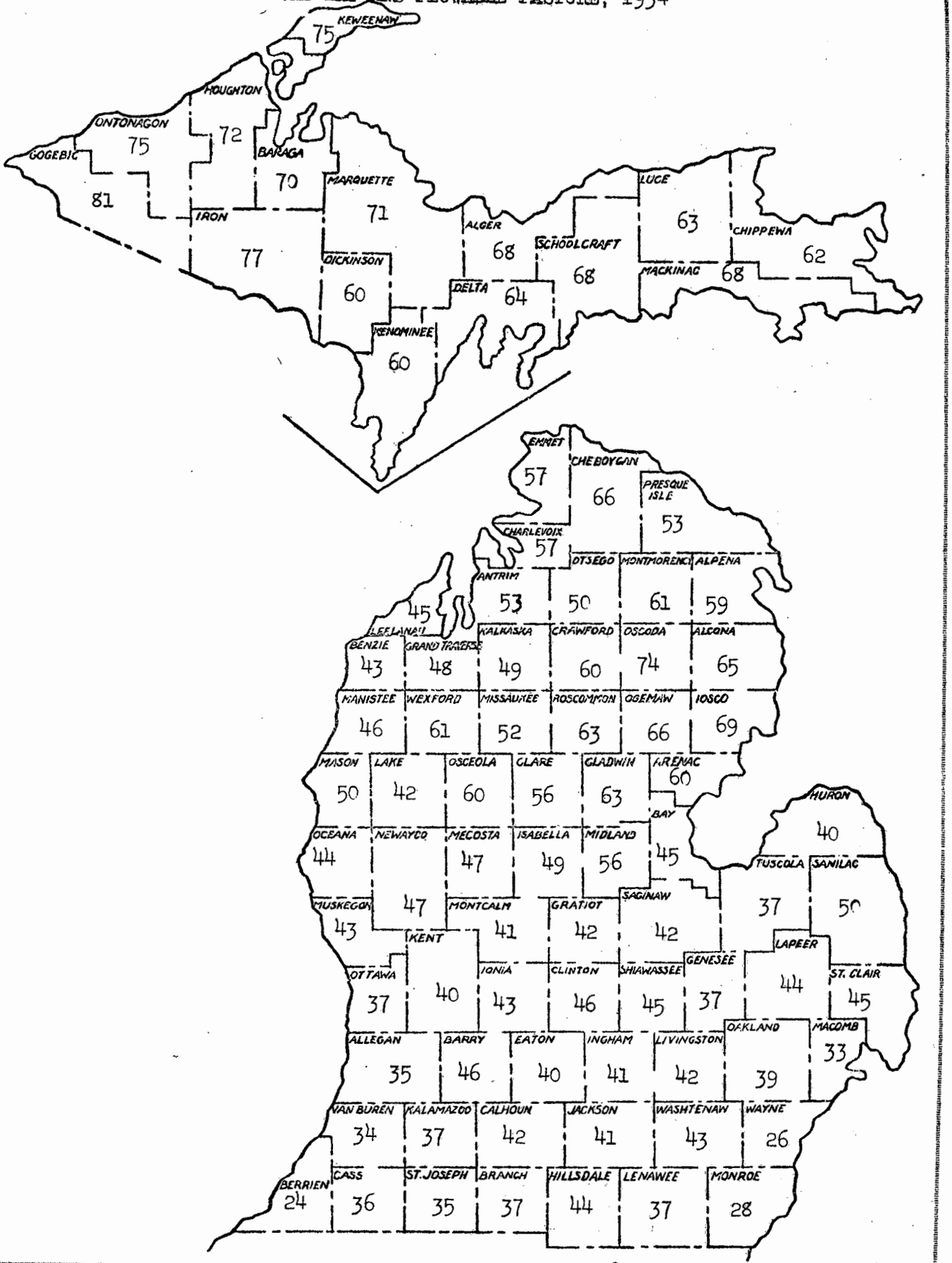
Per Cent of Tillable Land in Plowable Pasture by Counties - 1934

Average for Michigan, 19 per cent

534992 O - 43 - 13

- 22 -

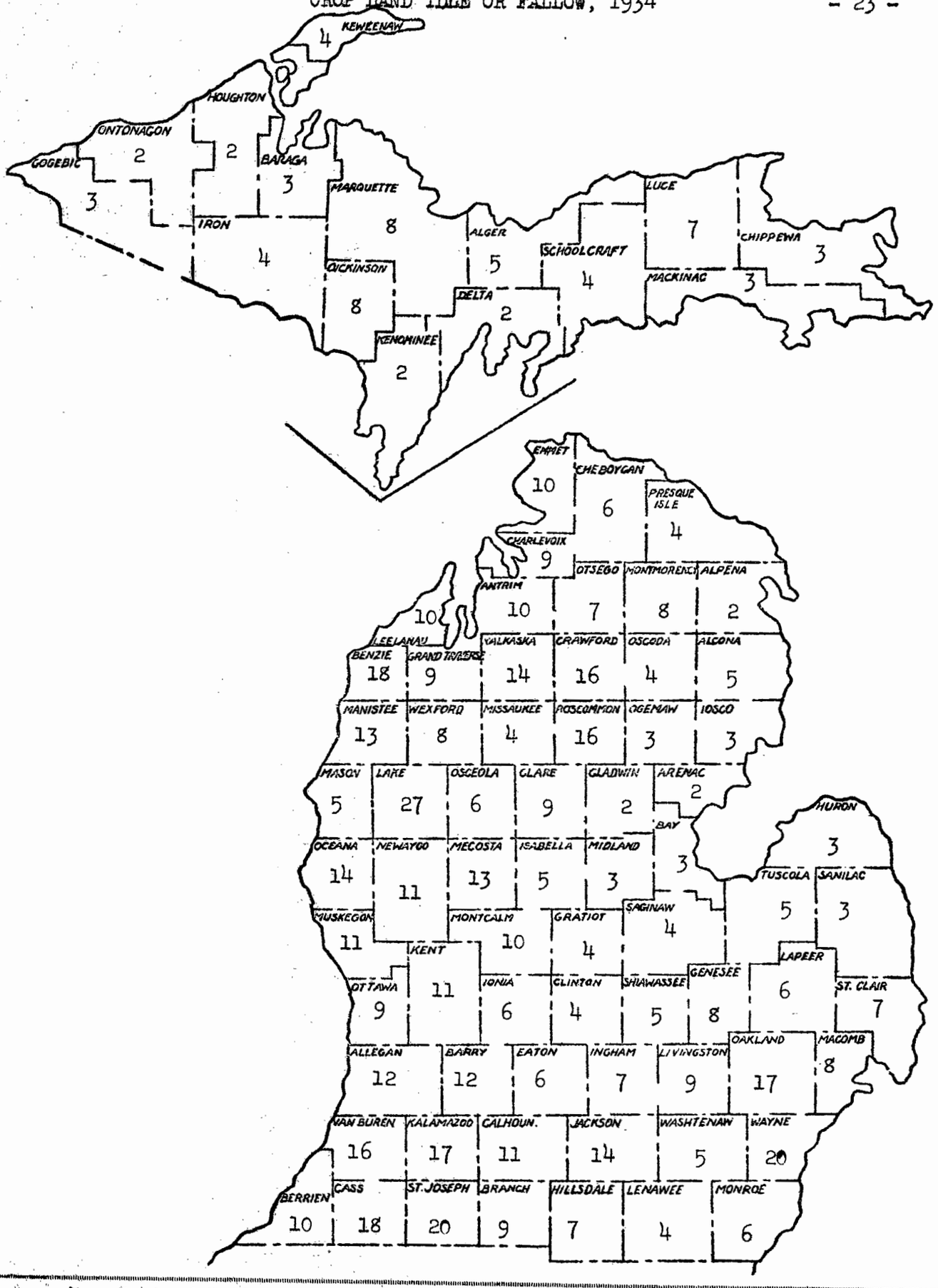
TOTAL HAY AND PLOWABLE PASTURE, 1934



Per Cent of Tillable Land in Hay and Plowable Pasture by Counties - 1934

Average for Michigan, 44 per cent

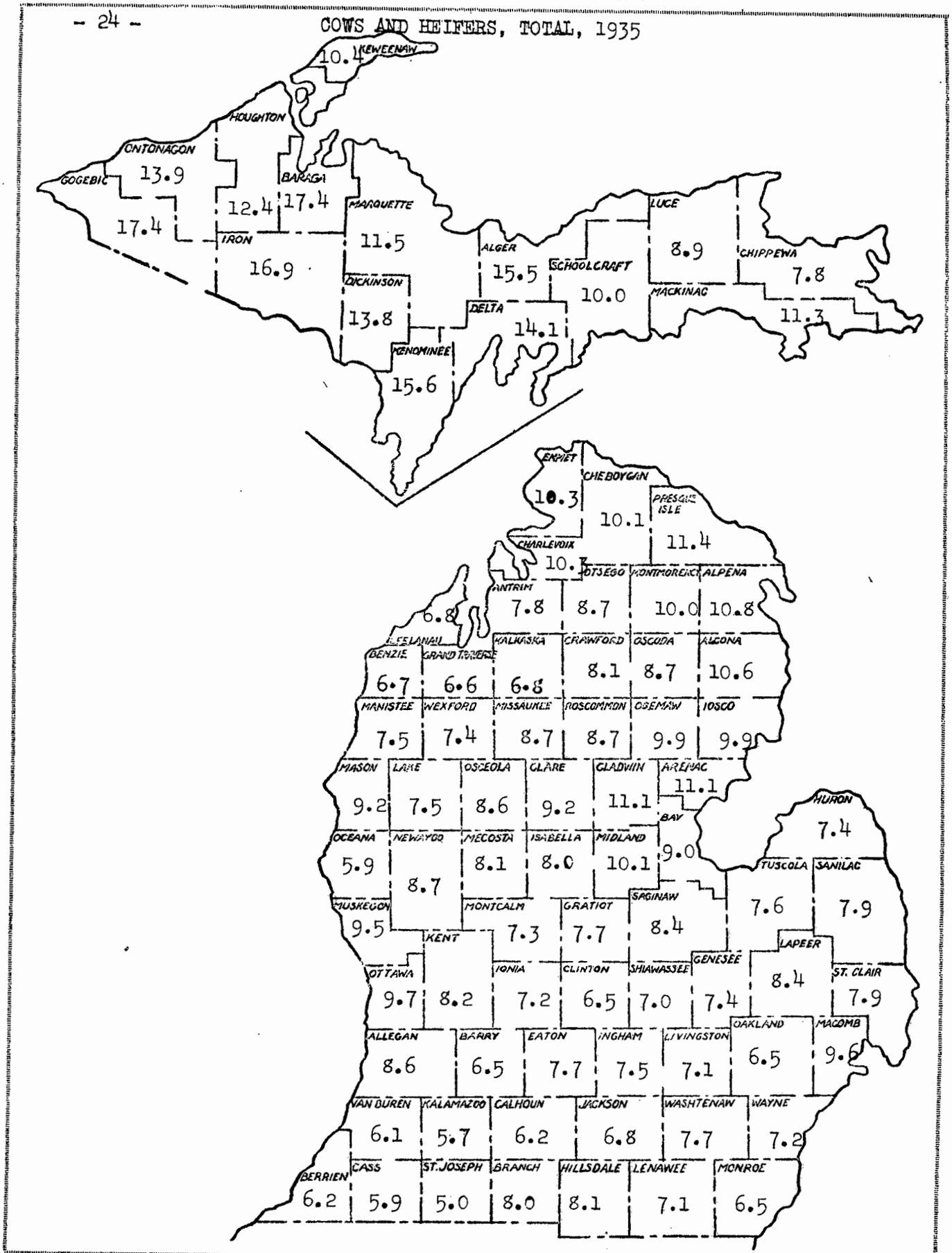
CROP LAND IDLE OR FALLOW, 1934 - 23 -



Per Cent of Tillable Land in Idle or Fallow Land by Counties - 1934.

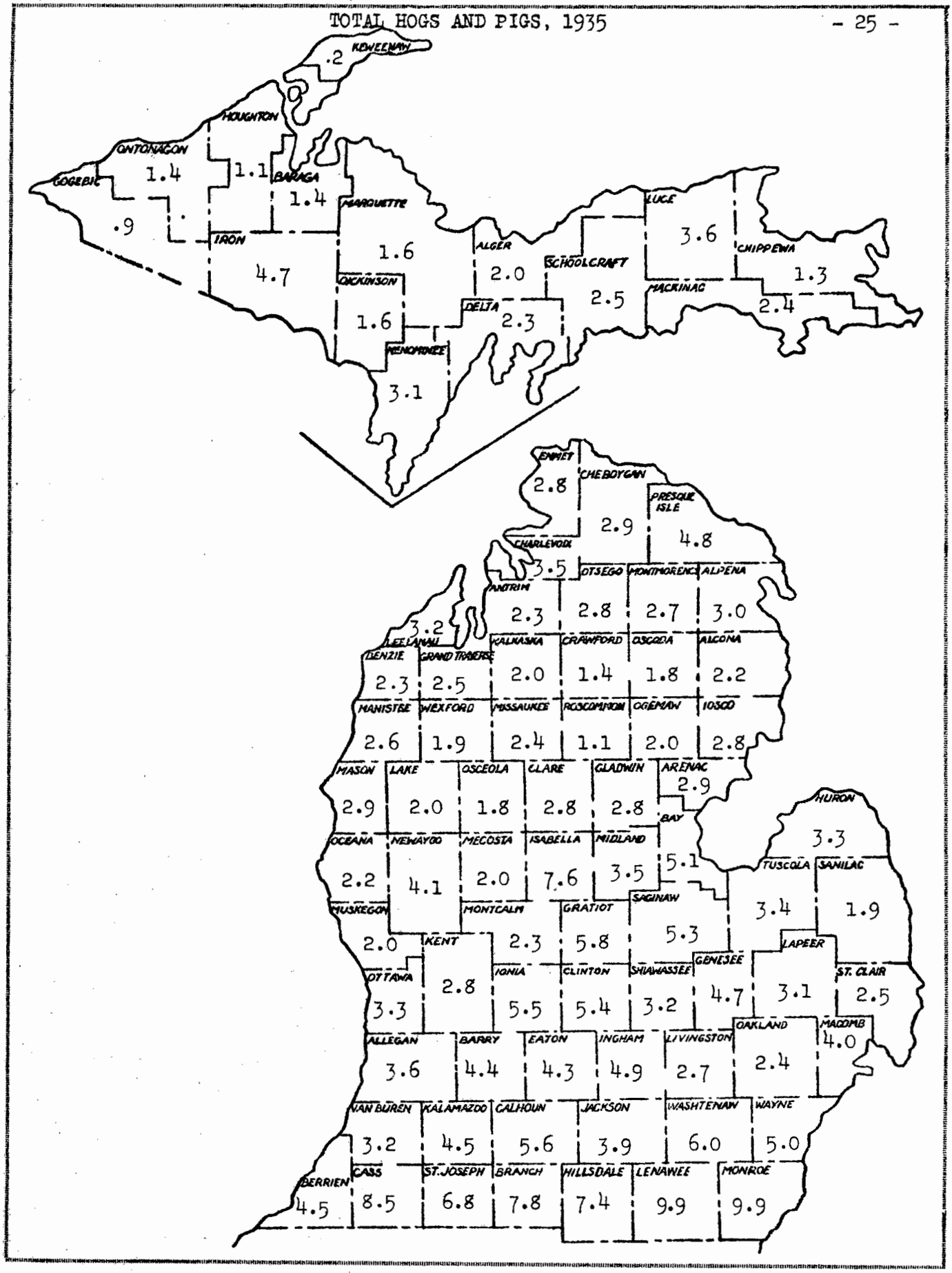
Average for Michigan 8.3 per cent

- 24 -



Number of Dairy Cows and Heifers two years old and older per 100 Acres of Tillable Land, January 1, 1935

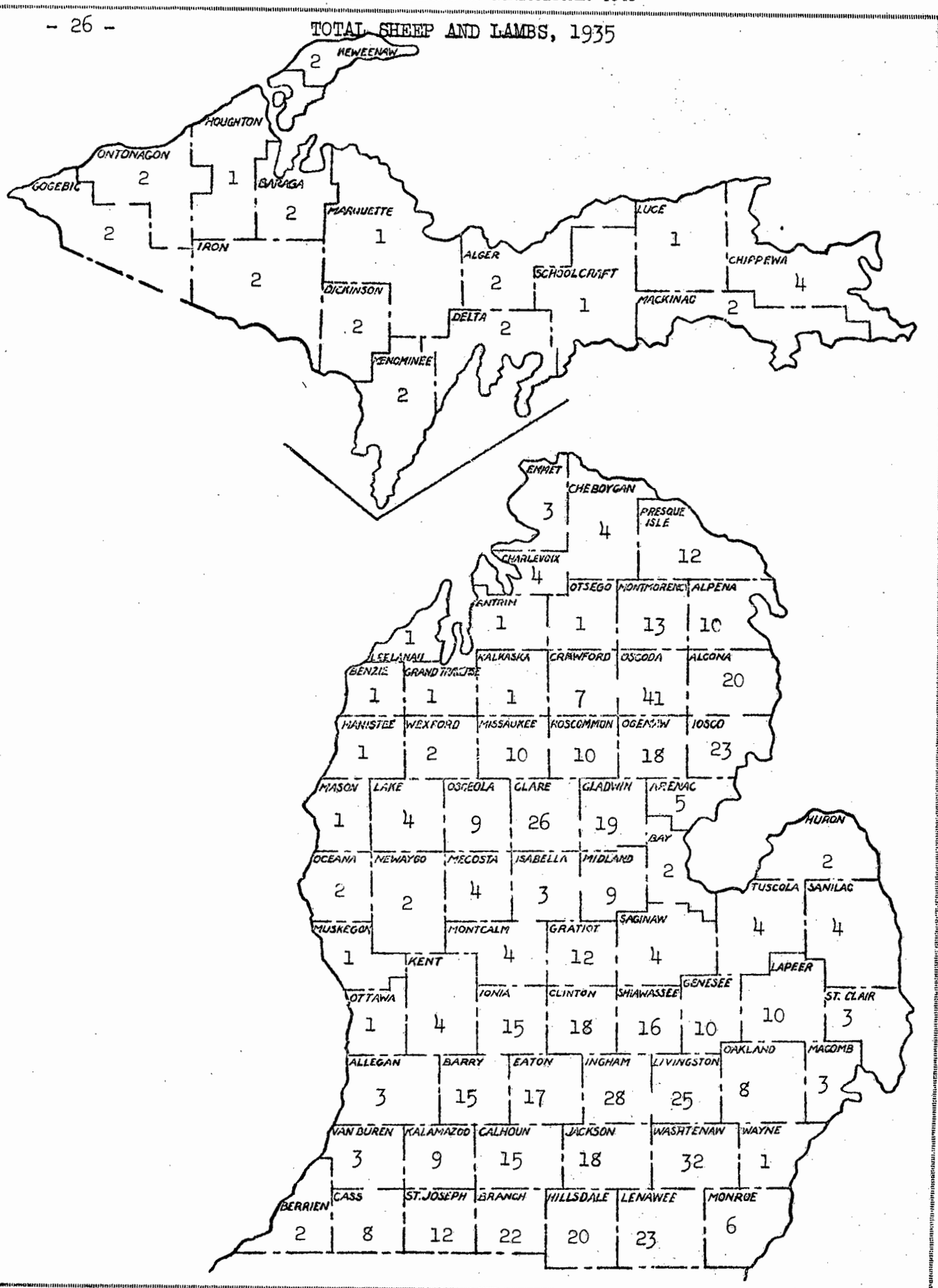
Average for Michigan, 7.9 per 100 tillable acres



Number of Swine per 100 Acres of Tillable Land, January 1, 1935

Average for Michigan, 4.1 per 100 tillable acres

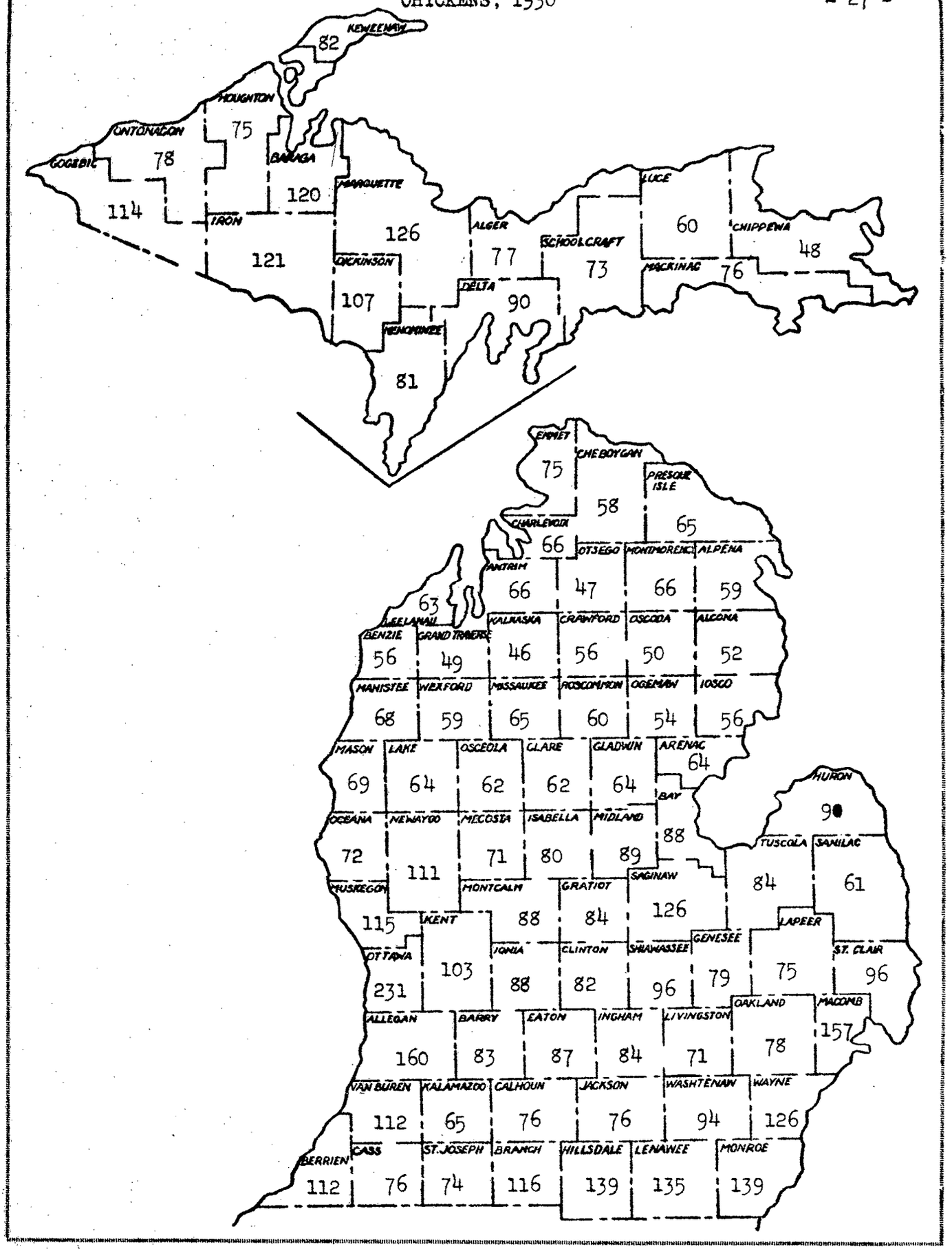
- 26 -



Number of Sheep and Lambs, all ages, per 100 acres of Tillable Land, January 1, 1935

Average for Michigan 9.3 per 100 Tillable Acres

CHICKENS, 1930 - 27 -



Number of Chickens over 3 months per 100 Acres of Tillable Land, April 1, 1930 (1935 Census data for chickens not available 3/15/36)

Average for Michigan, 93 per 100 acres of tillable Land

Publication of 1940 Census data.—Because of the vast amount of information included on the 1940 Farm and Ranch Schedule, the work was divided into three phases. In so doing the precedence of tabulation was based primarily on the relative importance of items, and also on their arrangement on the schedule and their relationship to other items. Thus, United States totals for some of the more important individual items were made available at a much earlier date than would have been possible otherwise.

The first series of tabulations covered the number, acreage, and value of farms; the value of buildings and of implements and machinery on farms; farm land according to its utilization; some of these items were classified by the color of the farm operator, some by the tenure of the farm operator, and some by the size of the farm; farms reporting and numbers of specified classes of livestock and poultry, with some of their products; and farms reporting with the acreage and quantity of specified field crops harvested.

The second series of tabulations included: Mortgage debt for farms of operating owners (full owners and part owners); taxes on farm property owned (full owners and part owners); work off their farms by farm operators for pay or income; age of operator; year of occupancy translated into the number of years the operators had been working their present farms; whether the farm operators reside on their farms; cooperative selling and purchasing of goods and services; farm labor employed at specified times; expenditures for selected items; inventories of automobiles, motortrucks, and tractors, with the year of latest model of each general class; the availability, use, and source of electric current; farms with telephones; kinds of roads adjoining farms; race of farm operators; inventory of goats; mohair production; goats milked; farm slaughter, purchases, and sales of various classes of livestock; miscellaneous poultry; fur-bearing animals kept in captivity and pelts; and information for those crops which were not reported in the first series, namely, the individual annual legumes, clover and grass seeds, miscellaneous field crops, farm gardens, vegetables harvested for sale, horticultural specialties, small fruits, tree fruits, nuts, and grapes.

The third series of tabulations covered the calculated values of the livestock inventory, livestock products, and crops harvested; and the reported value of farm products sold, traded, or used by farm households, with statistics for farms classified by major source of income and by total value of products, 1939.

The results of each of these three series of tabulations were first released in the form of preliminary reports for the separate States and later for the United States reports.

Following these releases there was a series of three bulletins, showing county and State totals for each State. In general, the subject matter of these bulletins followed the order of the tabulation as has been described above. The first and second series of State bulletins, which contain the statistics as described for the tabulations, were later bound and published as volume I (in 6 parts) of the Reports on Agriculture. The third series of State bulletins, presents county and State statistics on value of products and farms classified by major source of income and by total value of products. These bulletins were bound and published as volume II (in 3 parts) of the Reports on Agriculture.

Three United States summary bulletins, presenting United States, geographic division, and State figures, were also published. In subject matter, these correspond to the first, second, and third series of State bulletins; but they were not bound and published in volume I or II. The United States, geographic division, and State figures in these three summary bulletins, and additional tabulations for many other items, are all arranged by subjects to make the General Volume (volume III) of the Reports on Agriculture. These reports relate to the Agriculture Census of the continental United States only.

Comparative figures, when available, are presented for the earlier Census years. Some of the comparative data are shown for the United States only, but most of them are given by States.

There is also a census for Irrigation, covering 20 States and one for Drainage, covering 38 States. These enumerations furnish basic data in the engineering fields. Also, there are censuses of agriculture for Alaska, American Samoa, Guam, Hawaii, Puerto Rico, and the Virgin Islands of the United States.

From—U. S. OFFICE OF EDUCATION, FEDERAL SECURITY AGENCY, WASHINGTON, D. C.
OR
BUREAU OF THE CENSUS, DEPARTMENT OF COMMERCE, WASHINGTON, D. C.

	Cost
Monograph—Uses of 1940 Census Data in Schools	Free

From—BUREAU OF THE CENSUS, DEPARTMENT OF COMMERCE, WASHINGTON, D. C.

	Cost
Heading Facsimile, M.C.D. Tabulation Sheet, 1935 Census of Agriculture	Free
Heading Facsimile, M.C.D. Tabulation Sheet, First and Second Series, 1940 Census of Agriculture	Free
Sample Farm Census Schedule, 1940	Free
Sample Dot Maps	Free
Reprints of Magazine Articles on the Census	Free
Bulletin Price Lists	Free
Photostats—1940 Minor Civil Division Figures—County (6 sheets, 35¢ per sheet)	$2.10
Use Money Order—payable to Photostat Corporation (via Census Bureau)	

From—SUPERINTENDENT OF DOCUMENTS, GOVERNMENT PRINTING OFFICE, WASHINGTON, D. C.

REPORTS FOR CENSUS OF AGRICULTURE: 1940

	Cost
Minor Civil Division Maps—Each State	$0.15
State Bulletins—1940 Census of Agriculture (see Price Lists):	
First Series	$0.10 to .35
Second Series	.10 to .35
Third Series	.10 to .30
United States Summaries:	
First Series	.15
Second Series	.20
Third Series* (Same as chapter X, volume III)	.35
Volume I—First and Second Series State Reports:	
Part 1—New England, Middle Atlantic, East North Central	2.75
2—West North Central	2.50
3—South Atlantic	2.25
4—East South Central	1.50
5—West South Central	2.25
6—Mountain and Pacific	2.25
Volume II—Third Series State Reports:	
Part 1—New England, Middle Atlantic, East North Central, and West North Central	2.75
2—South Atlantic, East South Central, and West South Central	2.75
3—Mountain and Pacific	1.50
Volume III—General Reports *—Statistics by Subjects for the United States. This volume has 10 chapters which have been published separately as follows: (est.)	3.00
Chapter I—Farms and Farm Property*	.15
II—Size of Farms*	.15
III—Color, Tenure, and Race of Farm Operator*	.25
IV—Farm Mortgages and Farm Taxes*	.20
V—Work off Farm, Age, and Years on Farm*	.30
VI—Cooperation, Labor, Expenditures, Machinery, Facilities, and Residence*	.25
VII—Livestock and Livestock Products*	.30
VIII—Field Crops and Vegetables*	.30
IX—Fruits and Nuts, and Horticultural Specialties*	.15
X—Value of Farm Products* (Same as Chapter)	.35
Territories and Possessions—Reports on Agriculture in the Territories of Alaska and Hawaii; and the Possessions of Guam, American Samoa, Puerto Rico, and the Virgin Islands of the United States (est.)	1.50
Separate bulletins are available for:	
Hawaii	.15
Puerto Rico (English and Spanish)	.20

TECHNICAL AND SPECIAL REPORTS

	Cost
Special Poultry Reports.*—Statistics by Geographic Divisions and States for Poultry of All Kinds on Hand and Raised; by Counties for Chickens and Chicken Egg Production by Number of Chickens on Hand; and by Counties for Farms Reporting Chickens and Turkeys Raised by Numbers Raised (paper)	$1.50
Cows Milked and Dairy Products.*—Number of Cows Milked, Milk Produced, Disposition of Dairy Products, and Number of Cows Kept Mainly for Milk Production, Classified by Number of Cows Milked, by Counties; with Related Data for Other Classes of Livestock and Livestock Products, for the States and for the United States (paper)	1.25
Special Cotton Report.*—Farms Reporting, Acreage, Production; and Value of Farm Products; by Number of Bales Harvested. Statistics for Counties and a Summary for the United States (paper)--(est.)	.75
Cross-line Acreage—A Special Study.*—Farms Reporting and Acreage by Place of Enumeration and by Location of Acreage, with Relationship to all Farms, by Counties, with a Summary for the United States: 1940 and 1935 (paper)--(est.)	1.00
Abandoned or Idle Farms—A Special Study.*—Number and Acreage, with Classification of Those Reporting Acreage by Cause of Nonoperation and by Year of Abandonment, by States and by Counties (paper)--(est.)	.60
Handbook—Census of Agriculture: 1940 (paper)--(est.)	.60
Chapter 1.—Technique of Tabulation	
2.—Uses of Agriculture Census Statistics in Education	
3.—Uses of Agriculture Census Statistics in Business and Research	
4.—Visual Analysis—A Means of Exploration in Statistical Research	

DRAINAGE AND IRRIGATION

	Cost
Drainage of Agricultural Lands.*—Land in Drainage Enterprises, Capital Invested and Drainage Works. Statistics for Counties for 36 States with State Summaries for 38 States, a United States Summary, and a Synopsis of Drainage Laws	$2.00
Drainage Bulletins * for 36 States—1940	$0.10 to .15
Drainage Map.—Map (3 colors) of the United States showing location of land in Drainage Enterprises	.15
Drainage Monograph.*—A Comparison of Agriculture Within and Outside of Drainage Enterprises in the Alluvial Lands of the Lower Mississippi Valley (paper)--(est.)	.25
Irrigation of Agricultural Lands.*—Enterprises, Areas, Works, and Equipment; Capital Invested, and Maintenance and Operation Costs. Statistics for Counties and Drainage Basins with Summaries for States and the United States	2.25
Irrigation Bulletins (18) for 20 States—1940	$0.10 to .15
Irrigation State Maps—3 colors	.15
Except California and Texas—Two parts each	.15
Irrigation Monograph.*—Tabular and Graphic Presentations of Specified Irrigation Census Statistics (paper)--(est.)	.15

*Contains illustrations of the subject matter consisting of charts, graphs, and/or dot and cross-hatch maps, etc., some in two colors.

CHAPTER III. USES OF AGRICULTURE CENSUS STATISTICS IN BUSINESS AND RESEARCH

CONTENTS

	Page
Introduction	201
Uses of Census data by marketmen	201
Uses by trade associations	201
Uses by farm cooperatives	202
Service to individuals	202
Tabulations for small geographic units	202
Special tabulations	202
Some sampling uses of data from the Census of Agriculture	203
Sample design and type of sampling unit	203
Scope of tabulations	204
Methods of expanding the sample	204
Precision of data	204
Other illustrations	204

SAMPLES OF GRAPHIC USES MADE OF CENSUS DATA

	Page
Percent reporting major source of income from livestock, livestock products, 1939 (Successful Farming)	206
Tractors per 1,000 farms (Successful Farming)	207
Fertilizer consumption by counties—Alabama (The National Fertilizer Association)	208
Article taken from "Sales Management," May 1, 1943	210
Farmers selling cooperatively, 1919, 1924, 1929, 1939 (Selling and Buying Cooperatively by Farmers—Farm Credit Administration, U. S. Department of Agriculture)	211
Farmers transacting business with cooperatives, 1939 (Selling and Buying Cooperatively by Farmers—Farm Credit Administration, U. S. Department of Agriculture)	212
Vegetable Belts—South Carolina (South Carolina State Planning Board)	213
Beef, hogs, sheep, 1940—South Carolina (South Carolina State Planning Board)	214
Morrow County, Ohio:	
Map showing farm location, Census of Agriculture, 1940, including distribution of farms in 2-percent sample	215
Map Cardington Township (enlargement of selected area of Morrow County)	216
Map showing buying areas of farm operators (cooperative survey—U. S. Bureau of the Census with Magazine Marketing Service):	
Usual place of buying farm machinery (Magazine Marketing Service)	217
Usual place of buying groceries (Magazine Marketing Service)	218
Usual place of buying men's work clothing (Magazine Marketing Service)	219
Farm electrification data by States, 1942 compared with 1940 (Edison Electric Institute)	220
30% of passenger cars on farms are 10 years old or over (Automobile Facts and Figures—Automobile Manufacturers Association)	221
A reduced facsimile of the 2-color cover of "The Farm Market," a farm market data book, prepared by "Country Gentlemen"	222
Sample of the 385 pages of Farm Market Data prepared by "Country Gentlemen"	223
County rank tables—showing the leading counties in acreage, production, or value, etc.	224

USES OF AGRICULTURE CENSUS STATISTICS IN BUSINESS AND RESEARCH

Introduction.—In the preceding chapters of the Handbook of the Census of Agriculture are described the Census tabulations and publications and the uses made of the data in the educational field. In this chapter the uses of the Census statistics in business and research are discussed. Believing, with a Chinese philosopher, that a picture is worth a thousand words, the present chapter is largely devoted to illustrations of uses which have been made of Census data from the regular tabulations and from special analyses made for advertising and business concerns and farmer cooperatives. Until recently, the principal uses made of Census material in business were applications, to problems of marketing, of the information already published.

Uses of Census data by marketmen.—The marketmen use Farm Census information for market analysis; the determination of sales areas, sales quotas, farm income, consumers' activities, interstate shipment, supply and demand; in calculating sales potentials for farm machinery, fertilizer, livestock, hardware, household and electrical appliances, and the equipment required for various types of farms, such as milking machines for dairies, spraying machinery for orchards, drinking fountains for hogs and poultry, planting machinery for potatoes, dusting machinery for cotton to combat the boll weevil; and other uses too numerous to mention.

To indicate the range of agricultural information which is covered, it may be well to reiterate that the 1940 Census Farm and Ranch Schedule contained 232 major questions in which provisions were made for reports on every kind of crop and each class of livestock. For example, there were approximately 100 different vegetables reported at the 1940 Census of Agriculture, many of which require special machinery for planting and harvesting, different types of fertilizers, and different types of containers, each of which provides a sales outlet for special equipment.

In addition to the tabulations usually made by the Census Bureau, frequency tabulations showing the magnitude of operations are often made which enable marketmen to determine, with greater precision, the areas where advertising would be most profitable. Two such tabulations of the 1940 Farm Census offer excellent examples: (1) The special report, "Cows Milked and Dairy Products," shows by number of cows milked the number of farms reporting; the number of cows milked; dairy products produced; the sales of milk, butterfat, and butter; and the number of cows kept for milk. (2) Similar tabulations are contained in a special poultry report which gives statistics, by geographic divisions and States, for poultry of all kinds on hand and raised; and, by counties, statistics for chickens on hand, chicken eggs produced, chickens raised, and chickens sold, by number of chickens on hand, and the number of farms reporting chickens and turkeys raised by numbers raised.

Tabulations of this kind are put to many uses. A striking example of the use of the poultry data was that of a retail merchant, selling anthracite coal, who needed to know the production of broilers within a certain area in order to determine whether he would be warranted in purchasing or processing the size and quality of coal to use in brooders in his territory. From the number of chickens raised and the brooder capacity he could check back to the coal required.

Lest this be thought trifling, the rationing board had need of very similar information to find out whether two counties in the Del-Mar-Va area should be allowed several times the usual fuel quota because of the extensive use of coal for brooders.

Similar examples of the uses of size-group material, in the cows milked and dairy products reports, are illustrated by manufacturers at the extremes of dairy equipment—one firm manufacturing a churn which was suitable for farms having a cow or two and another firm manufacturing mechanical milking equipment suitable for the largest scale commercial enterprises.

The Rank Releases, showing the 50 or 100 leading counties in acreage and production of major crops and in inventory and production for various classes of livestock, are of great importance to marketmen as indicators of sales potentials and in indicating the cream of the market.

By far the widest commercial uses made of Agricultural Census statistics, however, are those which relate to farm income. It is believed that the rough gross-income figures derived from these reports on farms reporting and value of farm products sold, traded, or used by farm households form the best basis for calculating the amount of money which will be available for sales in farm territory.

While there are other methods of calculating this amount, such as bank clearings, amount of sales, credit reports, etc., very few have the universal basis furnished by the Agriculture Census. It is often said that the Census material, after a few years, is out of date. It should be pointed out that, by the use of crop condition figures and price indexes, these county figures can be carried forward by researchers so that an approximate figure can be furnished without a great deal of difficulty.

While the Census does not calculate the basic index figures, the Department of Agriculture does. At this point it might be well to mention the demarcation between the two fields of endeavor. The Bureau of the Census, through its Division of Agriculture, Department of Commerce, is responsible for the basic figures on crops, livestock, and general farm information every five years. The Department of Agriculture is responsible for estimating the changes on a percentage basis from year to year and converting them into absolute figures by the application of percentages and indexes. Estimates on farm income and other items for a geographic unit smaller than a State are not available, so that it is usually necessary to go back to the Census of Agriculture county figures and work from that source to calculate county income.

One of the most interesting examples of calculating sales quotas which has come to the attention of the Bureau was that of a feed salesman who computed from the minor civil division and county figures the theoretical requirements of feed for the animal units within his territory. He worked out the production of the various grains in that area, calculated the deficiency, and set up the sales quota for his dairy and poultry feed accordingly, with great success.

Uses by trade associations.—Trade associations perform a very useful function in bringing to their members essential statistics published by the Census Bureau with descriptions of the uses which can be made of the statistics—making business forecasts from Census figures relating to trade, conditions, credit, etc.; indicating trade opportunities; and furnishing other similar information. Examples of such uses are presented on succeeding pages. These illustrations include statistical tables, maps, graphs, and calculations of important averages and percentages, all designed to make the material more readily assimilable by members and clients of the associations.

Uses by farm cooperatives.— Farm cooperatives make use of Census statistics in much the same way as trade associations. They make the United States, State, and county farm statistics available to their members and sometimes even the statistics for small areas, such as minor civil divisions.

At the request of the cooperatives, questions relating to cooperative activities were included on the 1940 Farm and Ranch Schedule. These questions cover farmer sales, purchases, and service through cooperatives. Sample charts which were furnished cooperatives by their statistical service accompany this chapter.

Service to individuals.—The question is often asked as to what service the Census of Agriculture renders individual farmers. A large part of statistical service is rendered by the Census through the county agents, each one of whom is furnished the State bulletins, special reports, and releases covering his territory. Many farmers take advantage of this service, while others write direct to the Bureau of the Census regarding such problems as relative yields in various territories, farm income with county averages, new crops, localities producing seed supplies, data needed in selecting new farm locations—i.e. information relating to soil, climate, yields, and markets—livestock or poultry basic developments, tax statistics, land values, etc.

Still other individuals make similar use of Agriculture Census statistics, particularly in the selection and sales of land in new farming territory, as of the new irrigation projects of the West, and the reclamation projects of the South. The statistics of the Agriculture Census, in such cases, are supplemented by the detailed data of the Census of Irrigation and the Census of Drainage, both of which are handled by the Division of Agriculture. These Census Reports also furnish a large amount of technical data needed by governmental agencies, machinery and equipment firms, planning authorities, and engineers and other individuals.

Tabulations for small geographic units.—The county is the smallest unit for which the data of the 1940 Census of Agriculture were published (see a description of the publications in chapter II of this Handbook). A few years ago the county statistics were sufficient to fill the needs of almost everyone, but today all agencies interested in intensive planning, land purchase, and emergency relief demand exact knowledge of smaller geographic units. To meet this need, most of the Census statistics for 1940 were tabulated on the basis of the small geographic unit, which, for convenience, is termed minor civil division or basic tabulation unit of the Agriculture Census. These units vary widely in the different States, both in size and general characteristics, as may be seen from the various designations, as townships, precincts, beats, militia districts, school districts, etc. There are, on the average, about 17 minor civil divisions per county.

The published county totals are the summation of the totals for each of the constituent minor civil divisions. The cost of preparing and printing these data for approximately 50,000 minor civil divisions for the hundreds of items is prohibitive, but, with the cooperation of the Department of Agriculture and the Work Projects Administration, the most important have been transcribed from the machine tabulation sheets. These tables can be obtained by the general public at the cost of the photostats, 35 cents per sheet.

Special tabulations.—If the Census publications do not disclose the data needed for special purposes, the desired information may often be secured by having the Census Bureau make special tabulations of the data which are recorded on the agriculture schedules and on the punch cards. The punch cards may be retabulated or cross tabulated to bring out the desired relationships.

Anyone desiring special tabulations should write the Bureau of the Census stating exactly what is needed. The procedure will be worked out by the statisticians of the Division of Agriculture, and an estimate will be furnished by the Director of the Census specifying the cost of the work and the method of payment. Because of legal requirements it is necessary that such payments be made in advance and in the manner specified by the Bureau of the Census.

Examples of important special jobs of this kind are as follows:

I. A study of the characteristics of farms by income groups, by geographic divisions (based on a 2-percent sample of individual reports and made in cooperation with U. S. Department of Agriculture). This shows the interrelationship of such factors as age of operator, size of farm, farm equipment, farm facilities, work off farm, and major source of income with the amount of income.

II. Study of where farmers buy consumer goods—Morrow County, Ohio—influence of roads, type of farm, income, farm value, distance to markets, income by soil types, and numerous other market, sociological, and agricultural data. Special tabulations tying in data from five different sources.

III. Index of County Buying Power—Morrow County, Ohio.

IV. A study of the application of farm location to commercial research problems—Morrow County, Ohio.

V. Measurement of characteristics of different groups of farmers, showing relationship of subscribers of a farm magazine to farmers on adjoining farms, for selected counties.

VI. A market analysis based on Agriculture Census and other data, by States and counties.

VII. Farm income, by source of income, by major-source groups, and by income groups, for farms by tenure groups, by geographic divisions and States.

VIII. Virginia study of farm family income.

IX. Cotton harvested.—Number of farms reporting, acreage, and production; and value of farm products; by number of bales harvested, by counties.

X. Farms, farm acreage, and farm values, work off farm, cooperative marketing, and income groups, by color and tenure of operator, by size of farm, for selected counties.

XI. Farms, farm acreage, and farm values, by income groups, for selected counties in Kentucky.

XII. Selected characteristics of farms, by major source of income.—Number and value of farms, specified farm expenditures, autos, trucks, and tractors, electricity, and telephones.

XIII. Potatoes by acreage groups (under 3 acres and 3 acres and over), 1939, and by production groups, 1934; by counties.—Farms reporting, acres, and quantity harvested.

XIV. Value of farms of 30 acres and over, by minor civil divisions, for selected counties.—Number of farms and value of land and buildings.

XV. Abandoned or idle farms.—Number and acreage, with classifications by cause of nonoperation and year of abandonment, by counties.

XVI. Number, acreage, and value of farms, 1940, and cropland harvested, 1939, classified by tenure of operator, by minor civil divisions, for Wisconsin.

XVII. Cross-line acreage.—Farms reporting and acreage by place of enumeration and by location of acreage, with relationship to all farms, by counties.

XVIII. Japanese farm operations.—Number of farms, by tenure of operator, by minor civil divisions, for Arizona, California, Oregon, and Washington.

XIX. Mortgage study made cooperatively with U. S. Department of Agriculture to obtain on a sample basis, by means of special questionnaires, mortgage data for tenant-operated farms.

XX. Plantation study.—Statistics for plantations and for cropper and tenant farms of plantations.

XXI. Farm characteristics by dollar-value groups (value of land and buildings) for selected counties.—Number, acreage, and value of farms; value of farm products; farm mortgages and farm taxes; and cash rent paid or payable; classified by size of farm, for selected counties.

XXII. A comparison of agriculture within and outside of drainage enterprises in the alluvial lands of the Lower Mississippi Valley.

The preceding list illustrates a wide range in the types of service tabulations which can be summarized as follows:

I. The simple or straight compilation of data available on machine tabulation sheets but not published.
II. Special tabulations of statistics on punch cards, not included in the regular tabulation plan.
III. Frequency or group tabulations.
IV. Frequency tabulations by other characteristics, such as income groups by age groups.
V. Simple sample tabulations with various methods of sampling.
VI. Sample tabulations from matched schedules.
VII. Sample tabulations with data from several sources, such as the agricultural, population, and housing schedules, etc.
VIII. Sample tabulations with farm location from matched schedules, by soil types, distance from town, places of purchase of different types of goods, etc.—An extension of the previous method.

A description follows of one of our most interesting special tabulations, made on a cooperative basis with the U. S. Department of Agriculture. This tabulation showing numerous characteristics of farms by income groups was from a 2-percent sample drawn from Agriculture Census punch cards. For this study, the items listed below were tabulated by the following income or total value-of-products groups:

$1 to $99	$1,500 to $1,999
$100 to $249	$2,000 to $2,499
$250 to $399	$2,500 to $3,999
$400 to $599	$4,000 to $5,999
$600 to $749	$6,000 to $9,999
$750 to $999	$10,000 and over
$1,000 to $1,499	

1. Number of farms.
2. Land in farms.
3. Cropland harvested.
4. Value of land and buildings.
5. Number of farms by size (under 10 acres, 10 to 29 acres, 30 to 49 acres, 50 to 99 acres, 100 to 179 acres, 180 to 499 acres, 500 to 999 acres, 1,000 acres and over).
6. Farms classified by major source of income (livestock, dairy products, poultry and poultry products, wool, mohair, and other livestock products, field crops, vegetables, fruits and nuts, horticultural specialties, farm products used by farm households, and forest products).
7. Farm operators by age (under 25 years, 25 to 34 years, 35 to 44 years, 45 to 54 years, 55 to 64 years, 65 years and over).
8. Color of farm operators (white and nonwhite).
9. Tenure of farm operators (full owners, part owners, managers, tenants, and croppers).
10. Residence of farm operators.
11. Year of occupancy beginning in 1939 or 1940.
12. Farm labor on farms during weeks of Sept. 24-30, 1939, and March 24-30, 1940.
    - Family labor.
    - Hired labor.
        - Hired by month.
        - Hired by day or week.
        - Other hired labor (including piece work and contract labor).
13. Cash wages paid for hired labor.
    - Hired by month.
    - Hired by day or week.
    - Other hired labor (including piece work and contract labor).
14. Expenditures for feed.
15. Expenditures for implements and machinery.
16. Expenditures for gasoline, distillate, kerosene, and oil.
17. Expenditures for building materials.
18. Expenditures for commercial fertilizer.
19. Expenditures for liming materials.
20. Automobiles (farms reporting).
21. Motortrucks (farms reporting).
22. Tractors (farms reporting).
23. Electric distribution line within 1/4 mile (farms reporting).
24. Dwellings lighted by electricity (farms reporting).
25. Telephones (farms reporting).
26. Farm operators reporting business with or through cooperatives.
27. Farms reporting horses, mules, cattle, and/or hogs.
28. Farms reporting horses and/or mules.
29. Farms reporting horses and/or mules with no tractors reported.
30. Farms reporting horses and/or mules with tractors reported.
31. Farms reporting tractors with no horses or mules reported.
32. Farms not reporting horses, mules, or tractors.
33. Farms reporting cattle.
34. Farms reporting cows milked by number milked (1 cow, 2 cows, 3 or 4 cows, 5 to 9 cows, and 10 or more cows).
35. Farms reporting hogs.
36. Farms reporting sows by number on farms (1 sow, 2 sows, and 3 or more sows).
37. Farms reporting hogs but not reporting sows.

In order that a fair idea of the method and usefulness of this special study may be obtained, a paper read by Irvin Holmes, Statistician on Agriculture Census values, at a recent meeting of the Washington Chapter of the American Statistical Association, follows:

SOME SAMPLING USES OF DATA FROM THE CENSUS OF AGRICULTURE

By Irvin Holmes
Bureau of the Census

The 1930 Census of Agriculture classification of farms by type of farm was used for making type-of-farm tabulations by counties and States of many agricultural items, such as acreage of land in farms, numbers of farms by tenure of operator, expenditures for specified items, etc. For the 1940 Census of Agriculture it was decided to use sample data instead of complete tabulations as a basis for presenting statistics on the characteristics of farms classified according to type (major source of income), according to total value of farm products, and according to color-tenure of operator. Four considerations contributed mainly to this decision: The urgent need for the figures in connection with war programs, particularly statistics on marginal (low income) farms and on farm labor; the necessity for holding costs to a minimum; the greater variety of tabulations that could be made on a sample basis than on a complete basis with the funds available; and the possibility of securing experience and information which would be valuable in preparing plans for future censuses, either on a complete or on a sample basis. The purpose of this talk is to review the work that has been done to date on these tabulations of sample data from the 1940 Census of Agriculture.

SAMPLE DESIGN AND TYPE OF SAMPLING UNIT

The primary objective of these tabulations of sample data was to secure national statistics on farm characteristics. The secondary objective was to provide measures of the variation in these statistics by large geographic regions.

All of the data for one farm for a group of related items, such as value of farm products, are on a single punch card. Consequently it was feasible to use the smallest available sampling unit, that is, the individual farm. Most previous studies of sampling techniques for proposed sample censuses of agriculture have centered about the problem of size of sampling unit; i.e., the problem of balancing enumeration difficulties and costs for small sampling units, such as individual farms, against the loss of information for large sampling units, such as clusters of farms. The number of farms, according to the 1940 Agriculture Census, varies from 135,000 for the New England Division to nearly 1,100,000 for the West North Central Division. It was recognized that it would be desirable to vary the sampling ratio of number of farms for each geographic area for which statistics were desired. It was also recognized that for tabulations of farms classified by type of farm the sampling ratio should be varied by type groups; likewise for any tabulations of farms classified by total value of farm products, it would be desirable to vary the sampling ratio of number of farms by value groups. Administrative considerations made such procedures impractical; consequently, the following alternative was substituted:

First, the cards were sorted into two primary strata: Farms with less than $10,000 and farms with $10,000 or more total value of products. The farms with $10,000 and over total value of farm products represented only 1 percent of all farms, but accounted for approximately

17 percent of the gross farm income for the United States in 1939. The cards for all farms with $10,000 and over total value of farm products were sorted out and tabulated, i.e., a 100-percent sample was used.

For farms with less than $10,000 total value of products a 2-percent sample was selected by machine by sorting out all punch cards with serial numbers ending in 15 and 65. The same terminal digit "5" was selected to reduce the number of cards handled in the subsequent sort, i.e., 600,000 compared with 1,200,000. The "15" was selected to reduce the number of counties excluded from the sample. There were only 22 counties in the United States, chiefly independent cities in Virginia, which had less than 15 farms at the time of the 1940 Census, and which were, therefore, excluded from this 2-percent sample.

There is no reason to infer any relationship between the characteristics of the farms and their serial numbers. The serial numbers had been placed on the individual farm schedules prior to the time that the data were transferred from the schedules to the punch cards. The selection of the sample farms was on a county basis; that is, the secondary stratification of the 2-percent sample was geographic. Although the machine selection of the sample farms was done by counties, the individual farm schedules had been arranged by minor civil divisions within each county prior to numbering. Consequently, the geographic distribution of the sample farms approaches a stratification by minor civil divisions within each county. (See illustrative map of Morrow County, Ohio, on succeeding pages.) To a considerable extent, the original order of enumeration was preserved in numbering the schedules. Accordingly, the 2-percent sample also approximates a selection along the enumerator's route of every 50th farm in the "Under $10,000" category.

SCOPE OF TABULATIONS

At the present time, the following tabulations are completed or in progress:

(1) Analysis of characteristics of small farms.
(2) Analysis of farm characteristics by type of farm.
(3) Analysis of value of farm products by color-tenure of operator.

The first tabulations are being made in cooperation with the Bureau of Agricultural Economics and the Farm Security Administration of the Department of Agriculture. Preliminary reports, or press releases, are now being prepared showing figures for those items by geographic regions for which the expected error is small enough to justify publication. Present plans are to publish the results of all three of these series of tabulations in a special monograph.

METHODS OF EXPANDING THE SAMPLE

For the tabulations for the Department of Agriculture, two factors were available for expanding or inflating the sample. Published figures were available for the total number of farms and total value of farm products for each value-of-farm-products group. For these tabulations it was decided to use the total number of farms in each value group for expanding the sample data.

For nearly all of the items sampled, the totals for all value-of-farm-products groups were also known. On such items, the expanded sample figures for each value-of-farm-products group were scaled to equal these previously published totals by simple proportionate adjustments. In some of the tabulations, cross-classification tables were involved, such as numbers of farms cross classified by total value of farm products and by size of farm. In such cases, the expanded sample figures for all cells were adjusted to equal these known totals by a succession of horizontal and vertical proportionate adjustments. These adjustments were made for the convenience of any user who might wish to relate the figures to previously published Census data.

It was recognized that for some of the items, particularly such items as value of land and buildings and expenditures, some increase in precision might have been obtained had the sample data been expanded by using an inflation factor based on the total value of farm products for each value-of-products group. The decision to use total number of farms instead of value of products in expanding the sample was determined partly by administrative reasons and partly by the fact that, since the tabulation sort was by value of farm products, much of the over-all relationship between value of farm products and the sampled items had already been taken into account.

A third expansion factor, which could have been used, was the reciprocal of the sampling ratio based on number of farms for the total sample, that is, for all value groups combined. Obviously this would have given less precision than that obtained by the use of sampling ratios for the individual value groups. This would be particularly true for the terminal value groups where the population numbers of farms are relatively small and the sampling ratios quite variable.

PRECISION OF DATA

Because of cost and operational considerations, it was considered impractical to vary the size of sample by value groups or by geographic areas. For this reason, it is to be expected that the relative sampling errors will be considerably smaller for the central value groups, for which the number of farms is generally large, than for terminal value groups which have few farms. A similar difference in relative sampling errors is to be expected as between geographic divisions with large numbers of farms and geographic divisions with fewer farms. Likewise, the relative sampling errors differ as between items, depending, in the case of the farm counts, upon differences in the proportion of farms reporting specified characteristics, and, for quantitative items, upon differences in the variability of the items.

For example, in estimating average age of operator, the size of sample necessary for a given degree of precision is considerably less than that required for all land in farms, cropland harvested, value of land and buildings, and work off farm. Some evidence is available from California and Illinois: For the upper terminal value groups in Illinois and California the sample size for all land in farms would need to be from 40 to 80 times as large as that for average age of operator to secure the same relative precision. The higher-value groups include not only farms with large acreages but also small-size farms, such as hatcheries, greenhouses, and nurseries which accounts for the high degree of variability.

For work off farm in these high income groups the sample data for California indicate that it would require a sample approximately 250 times as large as that for average age of operator to secure the same relative precision. Most operators of large-income farms report very few days of work off farm, but a few such operators report nearly full-time nonfarm employment, generally at professional or business occupations. To secure statistics on the number of days of work off farm for these value groups with a relative error of 10 percent would require approximately a 33-percent sample, which figure includes a correction for sampling from a finite population. In these comparisons the formula used is for an unstratified sample; therefore, the coefficients of variation may slightly overstate the facts.

In the tables accompanying the reports, the figures have been **marked with an asterisk** when the expected sampling error is relatively large. However, in evaluating the reliability of the figures, the consistency in the pattern of relationships should be taken into account as well as the indicated precision for individual cells. For practically all items studied to date the relationship patterns have been remarkably consistent between States and geographic divisions.

Other illustrations.—Another tabulation from samples was made for a farm paper,[1] to determine, among other things, how the subscribers and their farms varied from the average, and from their nearest neighbors and their farms. One of the many colored illustrations resulting from this sample is included.

Another example of a somewhat different type of research is represented by a study which correlated data from different sources—schedules from the censuses of agriculture, housing, and population; information from a private agency; and a special questionnaire—and charted some of the data on a county map. Morrow County, Ohio, had been used at two censuses in a project to show the location of each farm. Recorded on the map are the numbers of the farm schedules for 1940. With farm location as a basis and the returns from farmers on a special questionnaire, the buying habits of the farmers have been charted.

Charts were prepared on the following subjects:

Groceries
Farm machinery
Men's work clothing
Women's best dresses, etc.
Stoves, refrigerators, etc.
Bedding, floor covering, window shades, etc.
Beauty preparations

The first three of these charts are included in the illustrations on succeeding pages.

This farm location technique can also be used in designated areas to obtain any business, agricultural, sociological, or other data from agricultural or other schedules. By matching schedules from the sources mentioned above and assembling the data on one master card, the value of the material can be greatly enhanced. Examples are yields by type of land, values by type of soil, type of farming by type of soil, mapping and outlining of market areas, etc., from reports of places farmers bought various kinds of merchandise, such as groceries, consumers' goods, farm machinery, etc. The possibilities of this method can hardly be exaggerated. Aside from other statistical uses, farm location is needed for enumeration control (to assure complete coverage). It is hoped a detailed description

[1] Successful Farming.

of the Morrow County, Ohio, results may be published in the form of a cooperative monograph.[2]

The 2-percent sample farms for Morrow County which were included in the cooperative survey, "Specified Farm Characteristics for Farms Classified by Value of Products," have also been identified on the Morrow County maps as examples of the geographic distribution in the selection of the sample farms.

The location represented in this stratification and other phases of sampling can be tested and comparisons can be made with other farms, location, soil types, etc. By using adjoining farms, the advantages and disadvantages of blocks or groups of farms in sampling material may be determined. The results of all of these studies appear so promising that the Bureau has been requested, many times, to bring them to the attention of marketing, economic, engineering, sociological, and other students and to invite them to participate. A selection of the examples of uses made is attached. By writing the Census or the agency or firms mentioned for further information or by calling at the Bureau of the Census more complete descriptions of the methods may be obtained.

[2] Magazine Marketing Service and Bureau of the Census cooperating.

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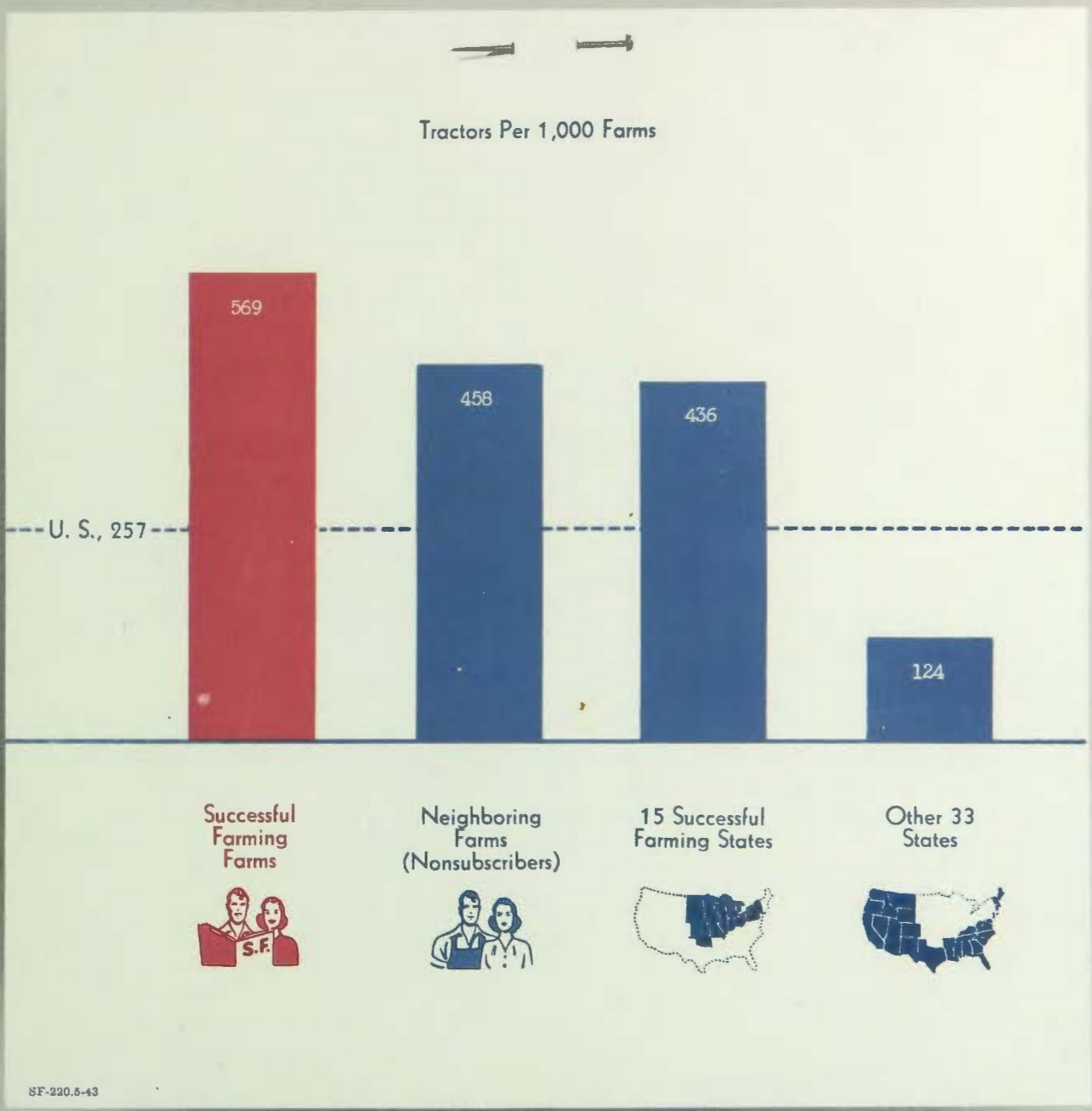
AN ANALYSIS BASED ON SPECIAL TABULATIONS BY THE

U. S. Bureau of the Census

Information obtained and tabulated by U. S. Bureau of the Census

Released January, 1943, by Successful Farming, Des Moines, Iowa



. . . demonstrating that Successful Farming subscribers are the best farm families . . . in their communities . . . in the best farm region and in the nation. They are your best farm customers.

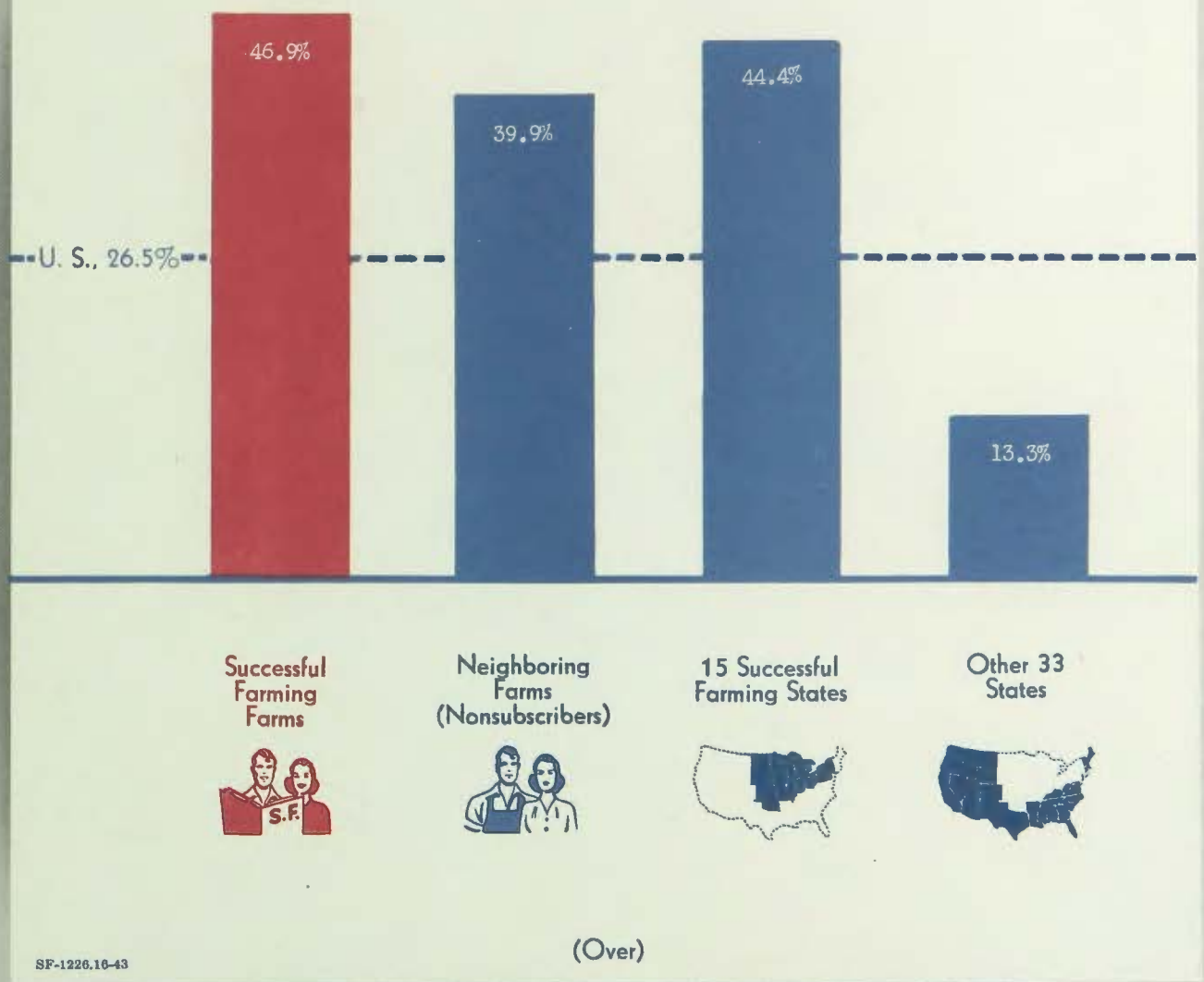
AN ANALYSIS BASED ON SPECIAL TABULATIONS BY THE

U. S. Bureau of the Census

Information obtained and tabulated by U. S. Bureau of the Census

Released January, 1943, by Successful Farming, Des Moines, Iowa

Percent Reporting Major Source of Income From Livestock, Livestock Products, 1939



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(Over)

. . . demonstrating that Successful Farming subscribers are the best farm families . . . in their communities . . . in the best farm region and in the nation. They are your best farm customers.

PERCENT OF FARMS REPORTING BY MAJOR SOURCES OF INCOME

Farms Reporting and Value of Farm Products Sold, Traded or Used by Farm Households, Classified by Major Source of Income, 1939.

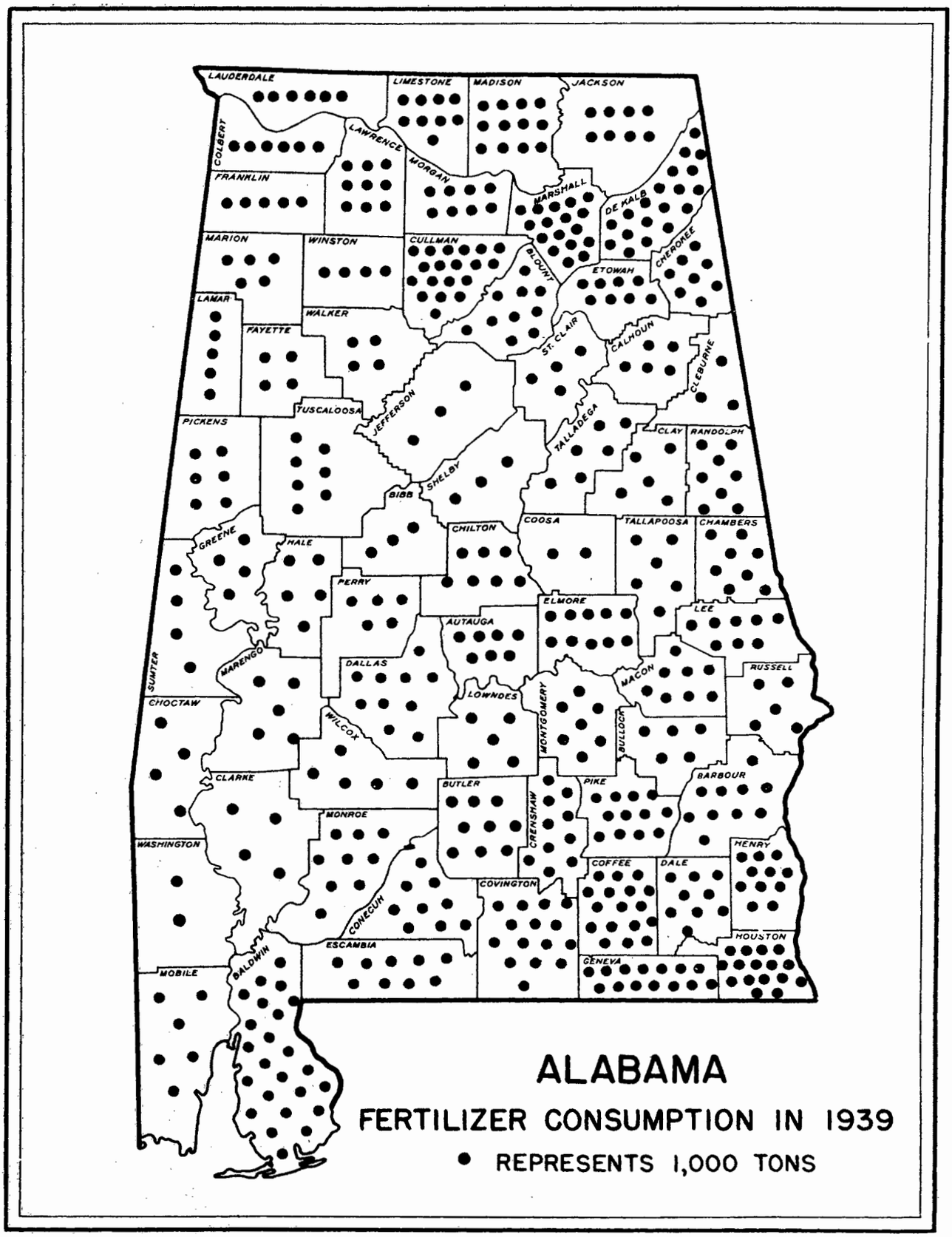
Farms with Major Source of Income from:	U. S. CENSUS SAMPLE OF		U. S. CENSUS PUBLISHED REPORT FOR ALL FARMS IN		
	Successful Farming Farms	Neighboring Farms (Nonsubscribers)	15 Successful Farming States	Other 33 States	United States
Livestock Sold or Traded	26.2%	23.6%	21.2%	5.5%	12.2%
Dairy Products Sold or Traded	16.8	12.0	18.3	4.5	10.4
Poultry & Poultry Products Sold or Traded	3.7	4.1	4.6	2.9	3.6
Other Livestock Products Sold or Traded	.2	.2	.3	.4	.4
Total Livestock and Livestock Products	46.9%	39.9%	44.4%	13.3%	26.6%
Field Crops Sold or Traded	35.3	35.0	28.2	42.9	36.6
Vegetables Harvested for Sale	1.0	1.3	1.2	1.4	1.4
Fruits and Nuts Sold or Traded	.5	1.1	1.2	3.0	2.2
Horticultural Specialties Sold	...	.1	.4	.3	.3
Total Crops	36.8%	37.5%	31.0%	47.6%	40.5%
Forest Products Sold	.1	.1	.2	.5	.4
Farm Products Used by Farm Households	16.2	22.5	24.4	38.6	32.5
Total Major Sources of All Groups	100.0%	100.0%	100.0%	100.0%	100.0%

ALABAMA

Commercial Fertilizer Used in 1939

County	Number of Farms Using Fertilizer	Fertilizer Tonnage	County	Number of Farms Using Fertilizer	Fertilizer Tonnage
Autauga	2,020	7,114	Jackson	4,095	8,388
Baldwin	2,114	24,378	Jefferson	2,077	2,946
Barbour	3,192	9,817	Lamar	2,977	5,101
Bibb	1,514	2,626	Lauderdale	3,576	6,456
Blount	4,156	10,311	Lawrence	3,265	8,579
Bullock	2,265	4,674	Lee	2,373	7,891
Butler	3,075	9,278	Limestone	4,340	9,409
Calhoun	2,448	4,517	Lowndes	2,225	4,732
Chambers	2,775	7,711	Macon	2,864	8,107
Cherokee	2,709	8,487	Madison	4,755	12,365
Chilton	3,168	7,486	Marengo	3,107	5,273
Choctaw	2,441	3,763	Marion	3,400	5,379
Clarke	2,829	3,733	Marshall	5,287	16,685
Clay	2,449	4,570	Mobile	1,598	6,314
Cleburne	1,674	3,341	Monroe	3,542	9,405
Coffee	3,574	16,625	Montgomery	2,117	7,420
Colbert	1,915	5,856	Morgan	3,706	8,364
Conecuh	3,053	8,634	Perry	2,403	5,254
Coosa	1,526	2,361	Pickens	3,398	6,216
Covington	3,728	14,566	Pike	3,033	11,755
Crenshaw	2,603	9,611	Randolph	3,266	7,957
Cullman	6,573	19,357	Russell	2,248	5,321
Dale	2,246	8,751	St. Clair	2,251	3,605
Dallas	3,755	9,940	Shelby	1,651	3,070
De Kalb	6,184	18,709	Sumter	2,355	4,454
Elmore	3,238	10,238	Talladega	2,936	6,382
Escambia	1,856	8,597	Tallapoosa	2,732	6,409
Etowah	3,033	7,594	Tuscaloosa	3,962	7,321
Fayette	2,726	3,808	Walker	2,916	3,642
Franklin	2,831	4,691	Washington	1,190	2,084
Geneva	3,055	13,525	Wilcox	2,934	4,754
Greene	2,417	3,780	Winston	2,036	3,735
Hale	2,493	5,127			
Henry	2,496	11,492			
Houston	3,769	16,136	State Total	196,515	525,977

Page 8.—FERTILIZER CONSUMPTION BY COUNTIES (Based on Sixteenth Census of the United States). Published by The National Fertilizer Association.



Page 9.—FERTILIZER CONSUMPTION BY COUNTIES (Based on Sixteenth Census of the United States). Published by The National Fertilizer Association.

Article taken from

"Sales Management"

May 1, 1943

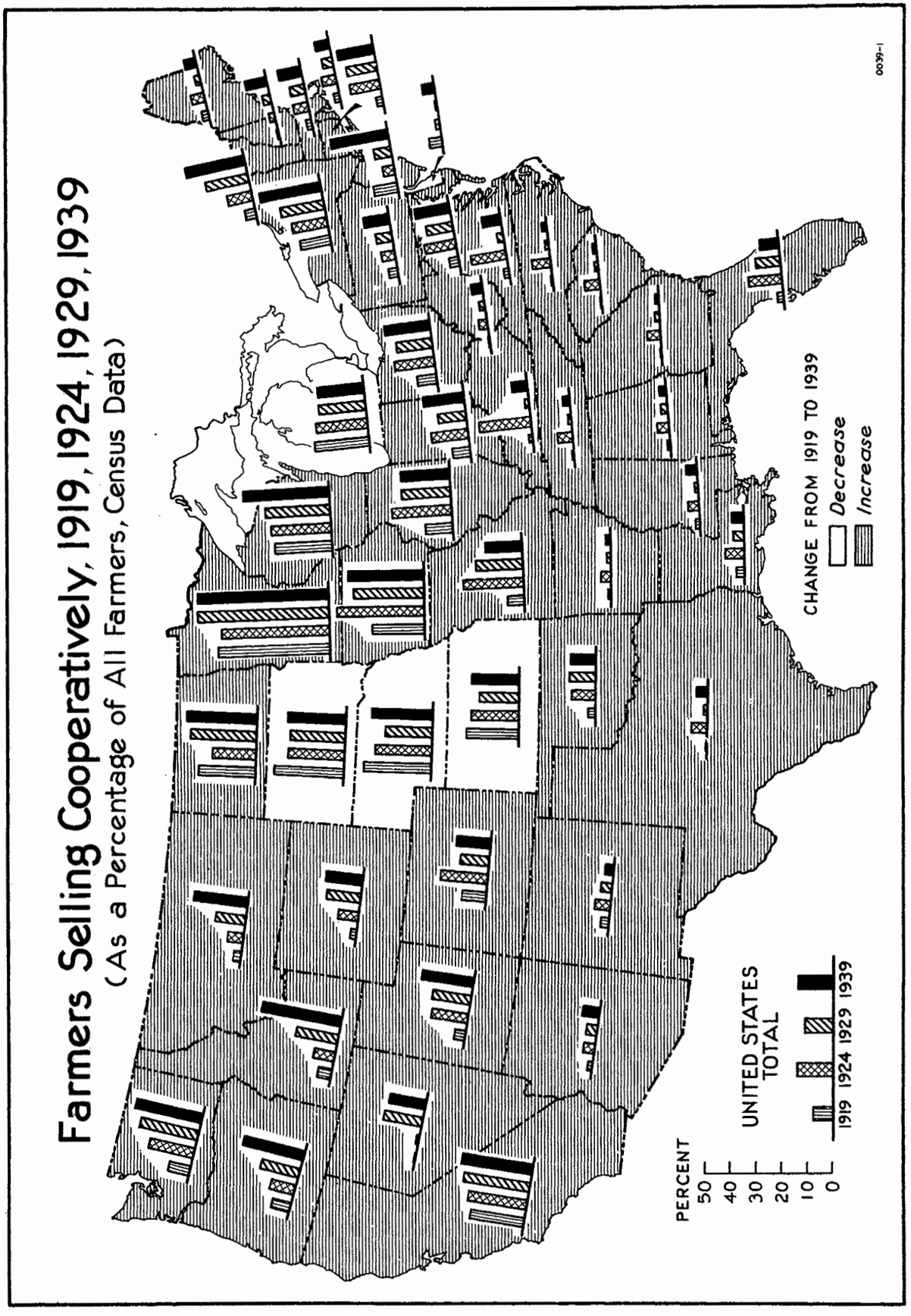
Using the Government

ANOTHER EXAMPLE OF COOPERATION between government and private industry is to be found in a booklet issued by *Successful Farming* called "An Analysis Defining Successful Farming." For the first time in the history of the Bureau of the Census, the census schedules of a sample of subscribers to a specific magazine and of their non-subscribing neighbors were segregated for tabulation. By matching subscribers' names with census enumerator's schedules some one hundred different questions asked by the census are available for comparison.

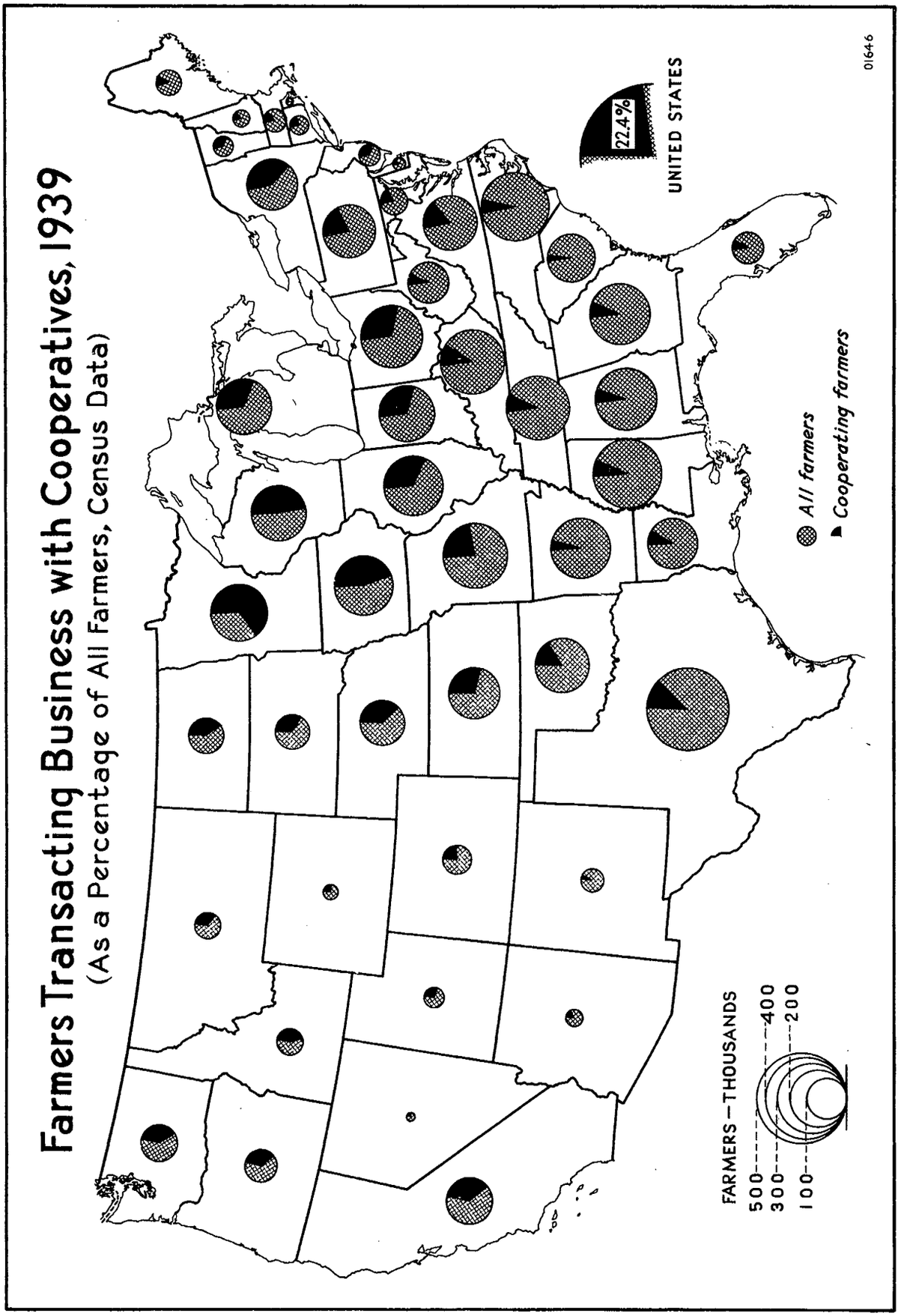
This study by *Successful Farming* is interesting on its own, and also because it lights the way for other publishers and manufacturers to make practical use of the extraordinary machinery we have in Washington. Innumerable questions which now go unanswered could be answered if marketing men took the trouble to find out what is available in Washington and how to use that information.

What *Successful Farming* did could be done by any other group. They had no special pull. They do have alertness and initiative.

The Bureau of the Census is permitted by law to do special jobs on a cost basis, and for *Successful Farming* two samples were drawn from the census of Agriculture, Housing and Population. The first represented 2,000 farms, a cross-section of *Successful Farming's* subscriber names, drawn by a mechanically random method from a list of 6,667 names. The second represented another 2,000 farms, adjoining the farms of the first 2,000 families but definitely not subscribers to that publication. Included in the study are comparisons on farm buildings, gross income, automotive equipment, farm homes, implements, machinery, etc.



Selling and Buying Cooperatively by Farmers—Farm Credit Administration, U. S. Department of Agriculture



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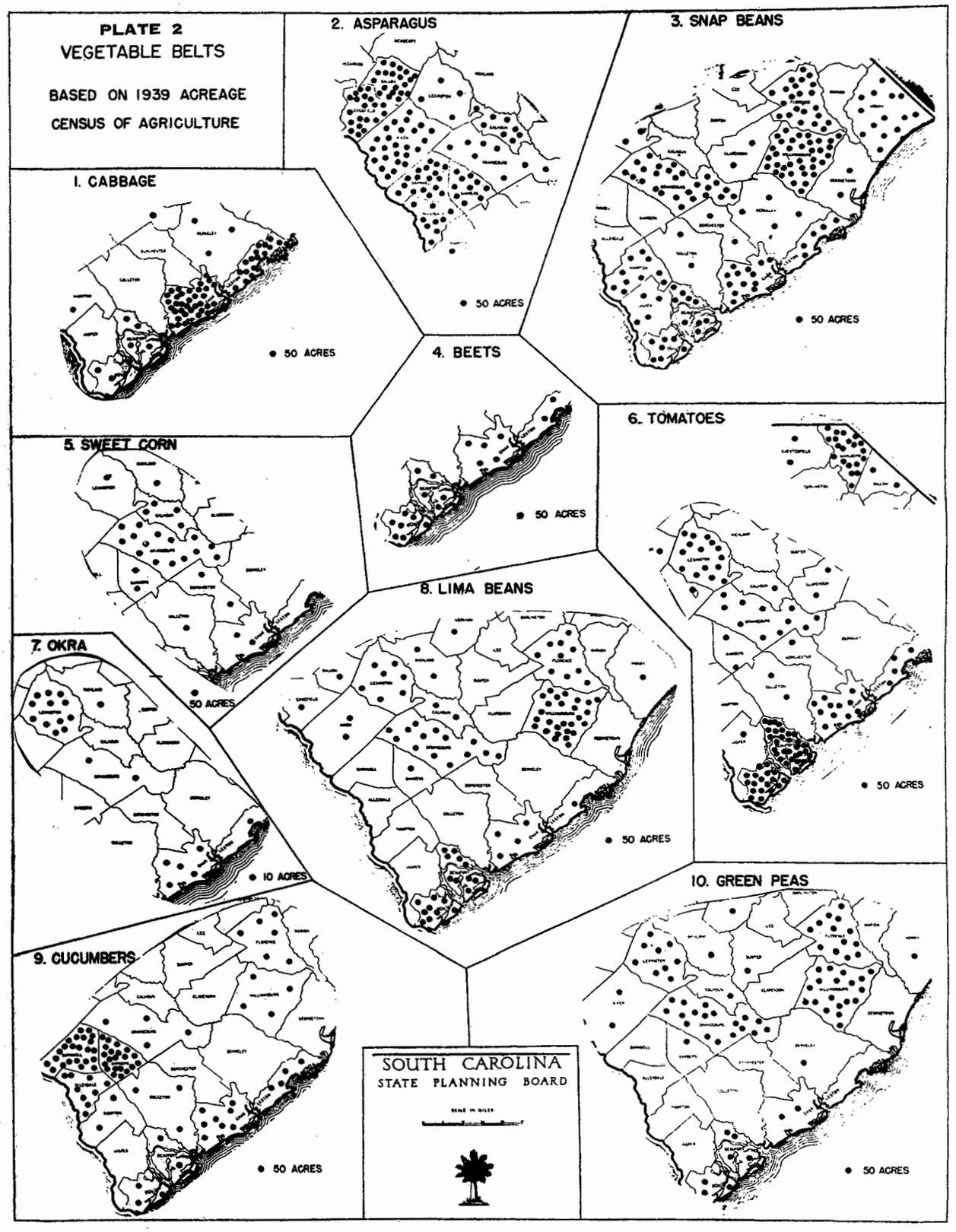
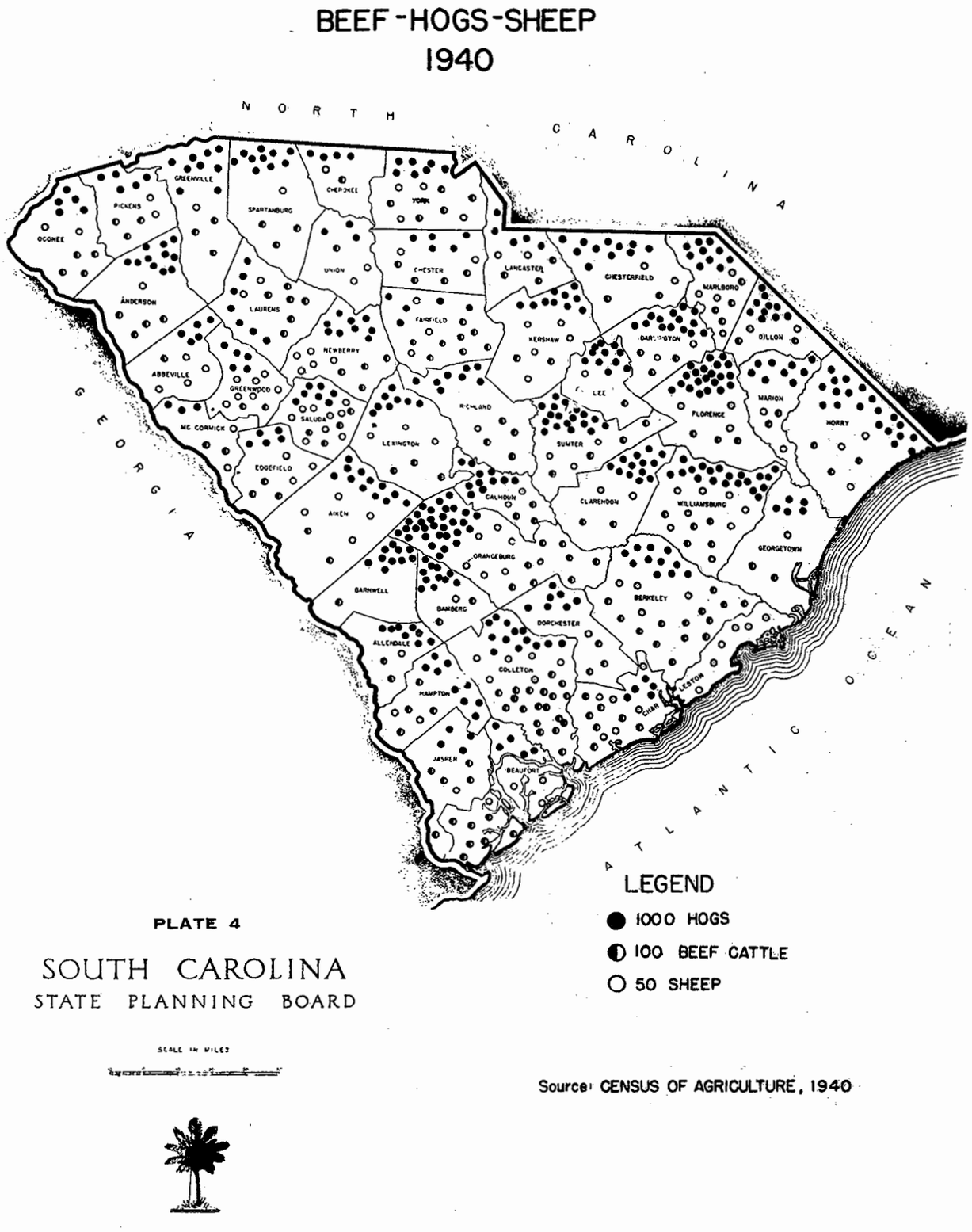


[14]

Page from bulletin Number 12, FROM FARM TO FACTORY, prepared by South Carolina State Planning Board. (Illustrative of several pages in that bulletin, based on data from Census of Agriculture, 1940)



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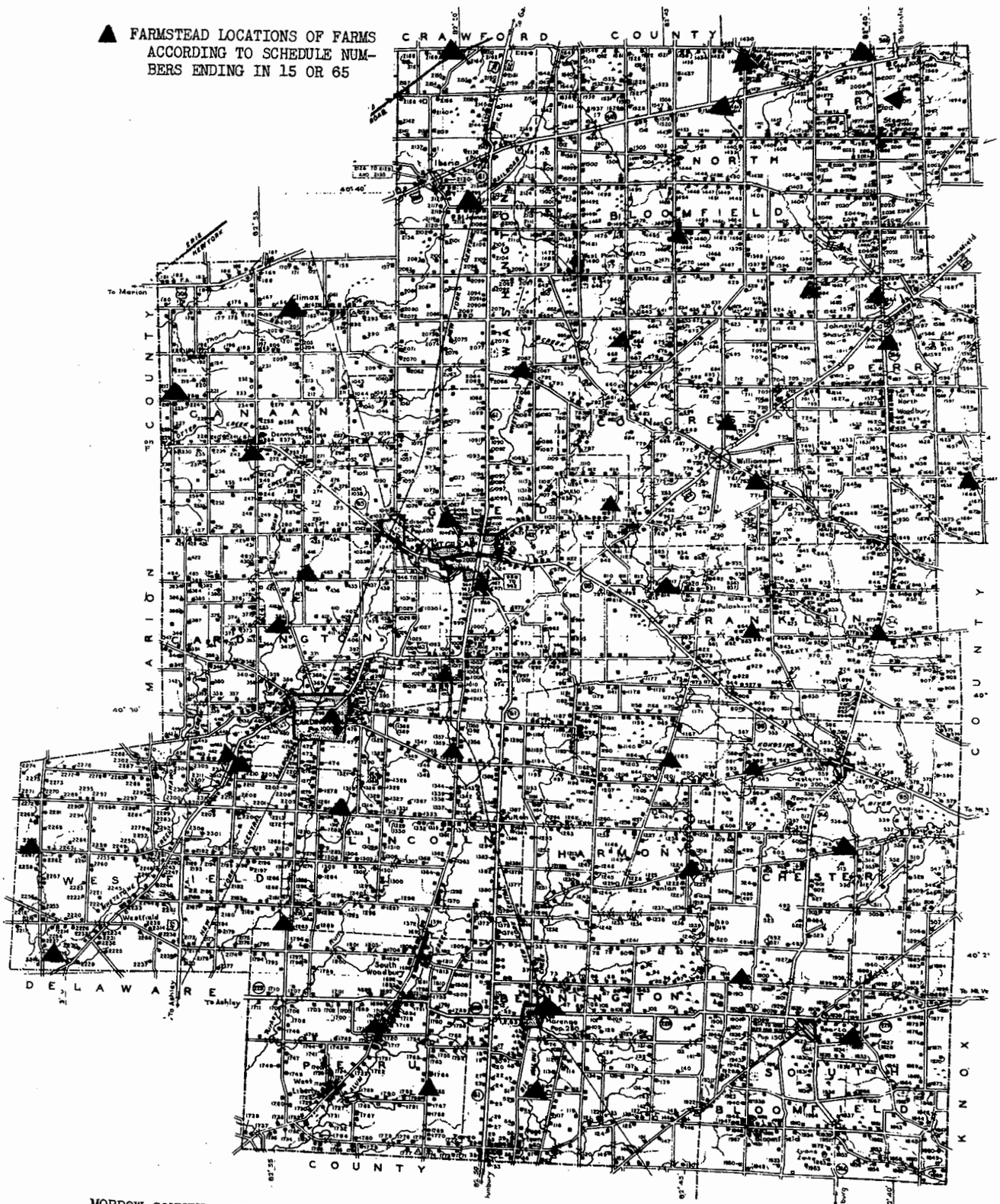
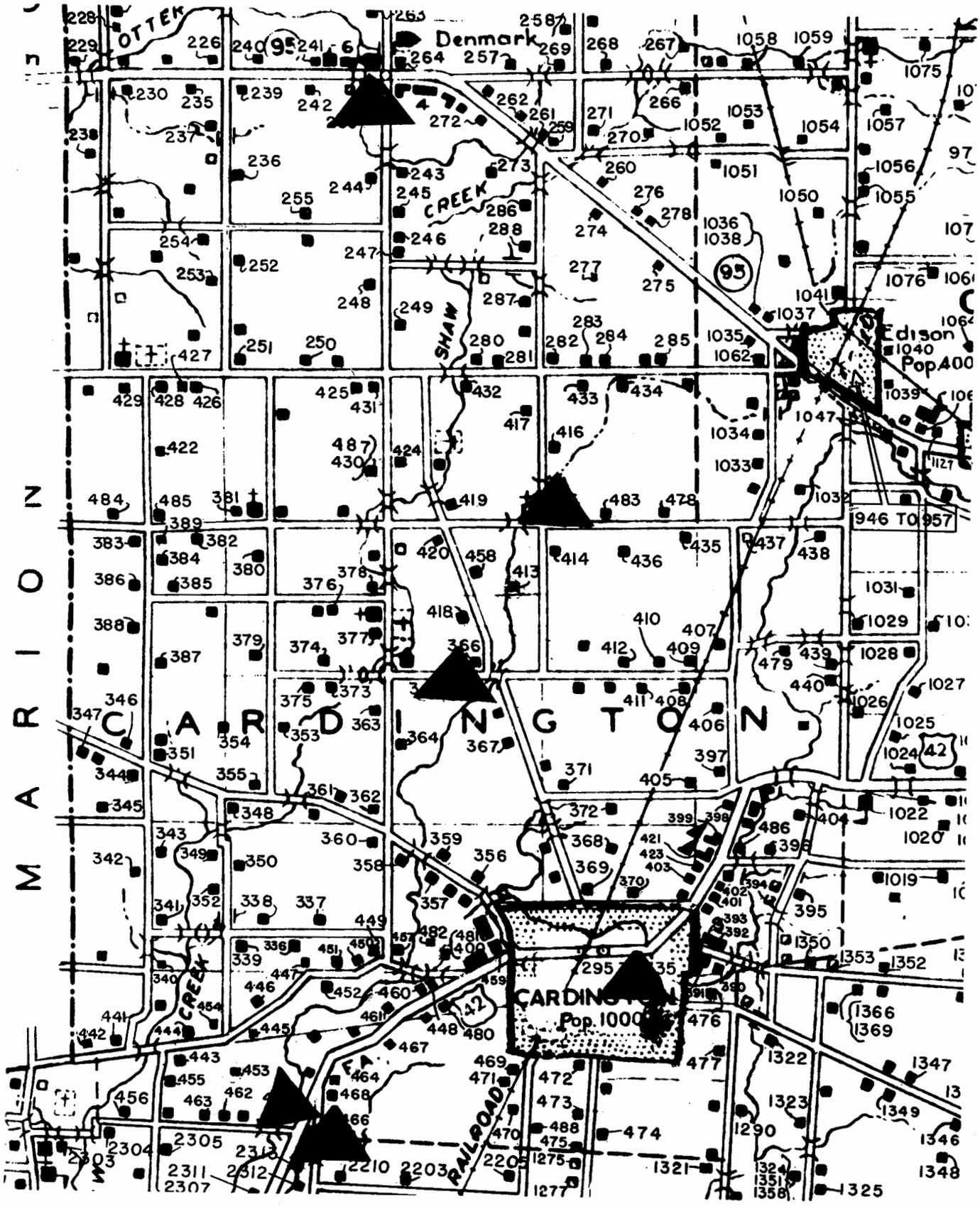


MORROW COUNTY, OHIO—FARM LOCATION, CENSUS OF AGRICULTURE: 1940, INCLUDING DISTRIBUTION OF FARMS IN 2-PERCENT SAMPLE



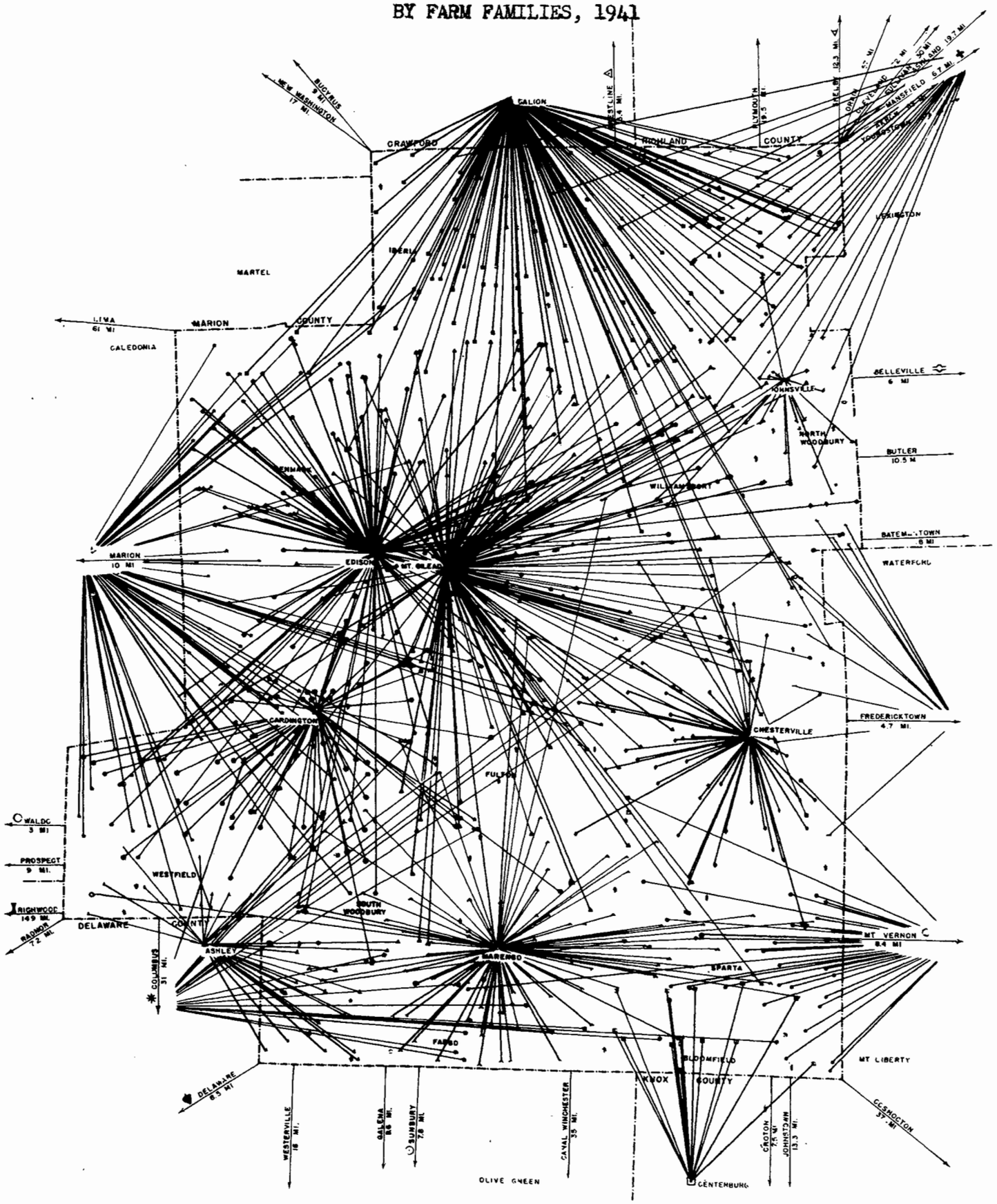
CARDINGTON TOWNSHIP—FARM LOCATION AND DISTRIBUTION OF 2-PERCENT SAMPLE
(ENLARGEMENT OF SELECTED AREA OF MORROW COUNTY, OHIO)

MORROW CO., OHIO

USUAL PLACE OF BUYING

FARM MACHINERY

BY FARM FAMILIES, 1941



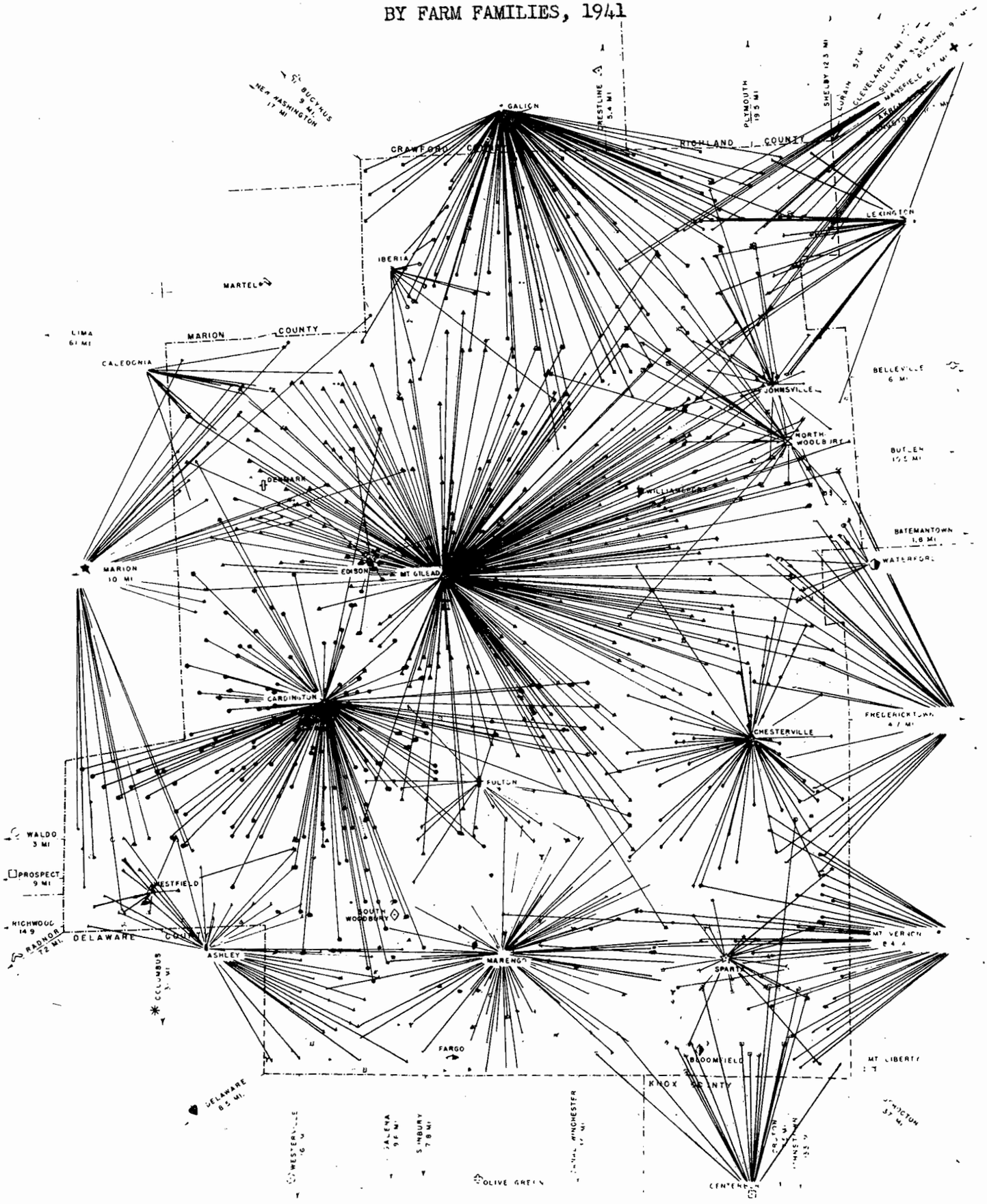
Cooperative survey--U. S. Bureau of the Census,
Department of Commerce with Magazine Marketing Service, N. Y.

MORROW CO., OHIO

USUAL PLACE OF BUYING

GROCERIES

BY FARM FAMILIES, 1941



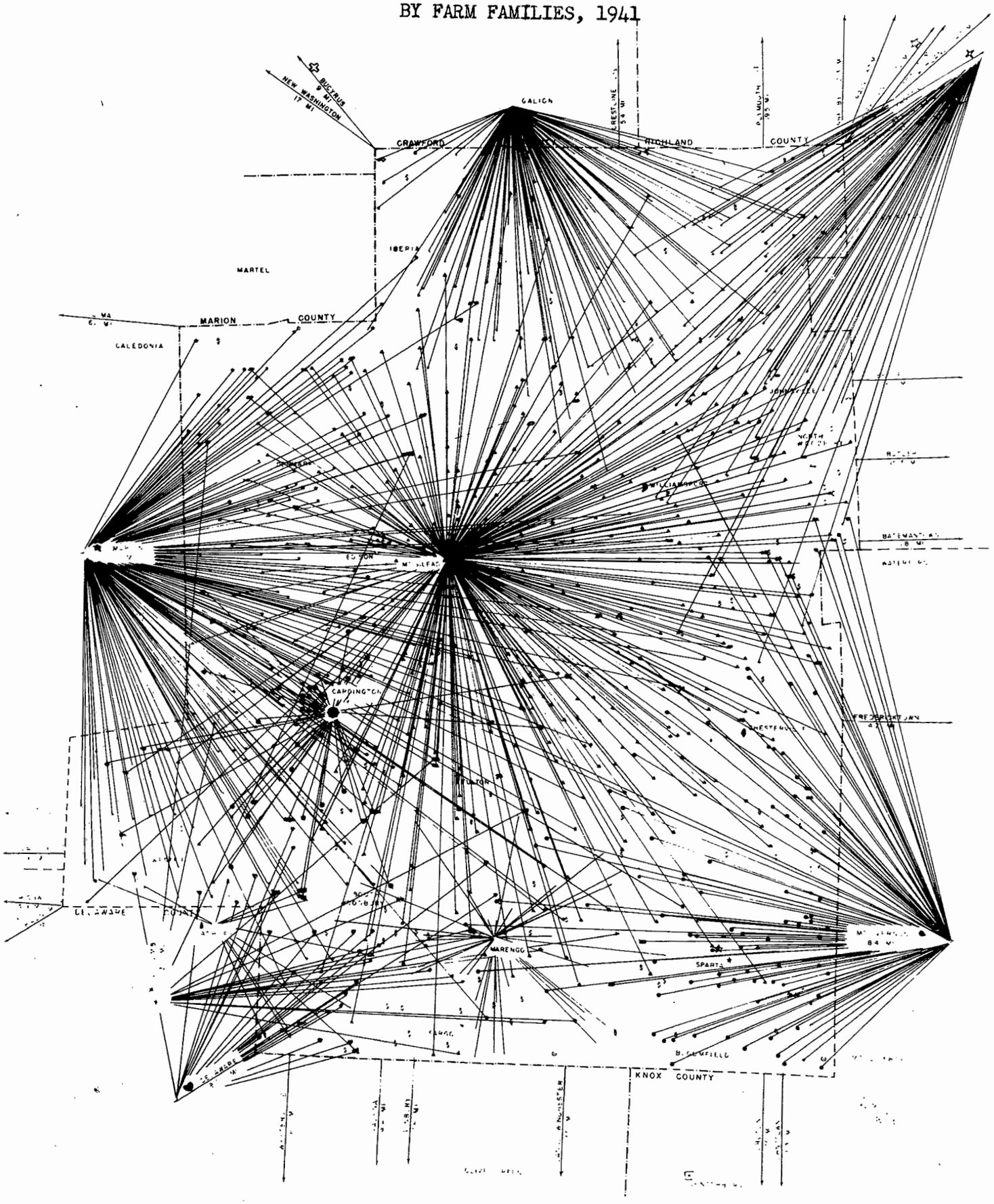
Cooperative survey—U. S. Bureau of the Census,
Department of Commerce with Magazine Marketing Service, N. Y.

MORROW CO., OHIO

USUAL PLACE OF BUYING

MEN'S WORK CLOTHING

BY FARM FAMILIES, 1941



Cooperative survey--U. S. Census Bureau of the Department of Commerce with Magazine Marketing Service, N. Y.

FARM ELECTRIFICATION DATA BY STATES

1942 Compared with 1940

State	Number of Farms	Dwellings Within 1/4 Mile Distribution Line Number	%	Dwellings Lighted by Electricity — U. S. Census Data as of April 1, 1940 — Total Electrified Number	%	Home Plants Number	%	Number and % on Power Lines (April 1, 1940) Number	%	EEI Data (Dec. 31, 1940) Number	%	(Dec. 31, 1942) Number	%
Total United States	6,096,799	2,780,207	45.6	2,032,316	33.3	179,067	2.9	1,853,249	30.4	2,069,759	33.9	2,486,230	40.8
Maine	38,980	24,160	62.0	21,124	54.2	903	2.3	20,221	51.9	21,246	54.5	23,560	60.4
New Hampshire	16,554	12,374	74.7	11,184	67.6	339	2.1	10,845	65.5	11,616	70.2	13,510	81.6
Vermont	23,582	14,855	63.0	12,873	54.6	660	2.8	12,213	51.8	13,103	55.6	15,240	64.6
Massachusetts	31,897	28,043	87.9	26,648	83.5	428	1.3	26,220	82.2	26,757	83.9	27,200	85.3
Rhode Island	3,014	2,644	87.7	2,511	83.3	54	1.8	2,457	81.5	2,497	82.8	2,560	84.9
Connecticut	21,163	18,542	87.6	17,494	82.7	499	2.4	16,995	80.3	17,304	81.8	18,100	85.5
New England	*135,190*	*100,618*	*74.4*	*91,834*	*67.9*	*2,883*	*2.1*	*88,951*	*65.8*	*92,523*	*68.4*	*100,170*	*74.1*
New York	153,238	115,879	75.6	106,804	69.7	4,521	3.0	102,283	66.7	106,531	69.5	114,650	74.8
New Jersey	25,835	23,056	89.2	21,695	84.0	397	1.6	21,298	82.4	21,632	83.7	23,260	90.0
Pennsylvania	169,027	121,282	71.8	98,937	58.5	4,856	2.9	94,081	55.6	101,095	59.8	114,660	67.8
Middle Atlantic	*348,100*	*260,217*	*74.8*	*227,436*	*65.3*	*9,774*	*2.8*	*217,662*	*62.5*	*229,258*	*65.9*	*252,570*	*72.6*
Ohio	233,783	170,897	73.1	143,436	61.4	5,756	2.5	137,680	58.9	149,563	64.0	169,120	72.3
Indiana	184,549	123,662	67.0	95,575	51.8	4,448	2.4	91,127	49.4	106,185	57.5	128,730	69.8
Illinois	213,439	114,088	53.5	87,611	41.0	7,584	3.5	80,027	37.5	95,293	44.6	117,620	55.1
Michigan	187,589	153,042	81.6	133,095	71.0	1,969	1.1	131,126	69.9	136,546	72.8	154,240	82.2
Wisconsin	186,735	126,287	67.6	95,158	51.0	7,602	4.1	87,556	46.9	94,188	50.4	105,720	56.6
East North Central	*1,006,095*	*687,976*	*68.4*	*554,875*	*55.1*	*27,359*	*2.7*	*527,516*	*52.4*	*581,776*	*57.8*	*675,430*	*67.1*
Minnesota	197,351	80,220	40.6	59,838	30.3	9,763	4.9	50,075	25.4	55,736	28.2	75,860	38.4
Iowa	213,318	107,359	50.3	86,786	40.7	13,478	6.3	73,308	34.4	89,103	41.8	114,140	53.5
Missouri	256,100	74,035	28.9	45,355	17.7	6,151	2.4	39,204	15.3	49,671	19.4	66,630	26.0
North Dakota	73,962	7,310	9.9	11,446	15.5	8,228	11.1	3,218	4.4	4,047	5.5	5,840	7.9
South Dakota	72,454	8,444	11.7	12,845	17.7	8,864	12.2	3,981	5.5	4,518	6.2	6,750	9.3
Nebraska	121,062	40,969	33.8	34,886	28.8	12,054	9.9	22,832	18.9	27,259	22.5	32,380	26.7
Kansas	156,327	45,067	28.8	41,549	26.6	13,589	8.7	27,960	17.9	31,683	20.3	37,200	23.8
West North Central	*1,090,574*	*363,404*	*33.3*	*292,705*	*26.8*	*72,127*	*6.6*	*220,578*	*20.2*	*262,017*	*24.3*	*338,800*	*31.1*
Delaware	8,994	6,096	67.8	3,699	41.1	154	1.7	3,545	39.4	4,348	48.3	5,637	62.7
Maryland	42,110	23,700	56.3	18,351	43.6	1,234	3.0	17,117	40.6	18,539	44.0	24,670	58.6
District of Columbia	65	60	92.3	54	83.0	1	1.5	53	81.5	53	81.5	53	81.5
Virginia	174,885	77,255	44.2	44,348	25.4	2,204	1.3	42,144	24.1	47,056	26.9	57,630	33.0
West Virginia	99,282	36,958	37.2	26,735	26.9	1,536	1.5	25,199	25.4	27,922	28.1	31,770	32.0
North Carolina	278,276	124,017	44.6	71,196	25.6	3,569	1.3	67,627	24.3	77,414	27.8	98,920	35.5
South Carolina	137,558	56,731	41.2	28,764	20.9	1,196	0.9	27,568	20.0	37,382	27.2	48,870	35.5
Georgia	216,033	88,427	40.9	43,958	20.3	1,549	0.7	42,409	19.6	53,683	24.8	71,040	32.9
Florida	62,248	25,063	40.3	16,472	26.5	996	1.6	15,476	24.9	16,403	26.4	20,440	32.8
South Atlantic	*1,019,461*	*438,307*	*43.0*	*253,577*	*24.9*	*12,439*	*1.2*	*241,138*	*23.7*	*282,800*	*27.7*	*359,030*	*35.2*
Kentucky	252,894	79,740	31.5	42,288	16.7	3,681	1.4	38,607	15.3	44,372	17.5	60,560	23.9
Tennessee	247,617	74,276	30.0	40,519	16.4	1,635	0.7	38,884	15.7	42,676	17.2	53,000	21.4
Alabama	231,746	77,579	33.5	35,725	15.4	1,818	0.8	33,907	14.6	43,440	18.7	55,900	24.1
Mississippi	291,092	85,647	29.4	27,670	9.5	1,592	0.5	26,078	9.0	29,059	10.0	36,980	12.7
East South Central	*1,023,349*	*317,242*	*31.0*	*146,202*	*14.3*	*8,726*	*0.9*	*137,476*	*13.4*	*159,547*	*15.6*	*206,440*	*20.2*
Arkansas	216,674	58,732	27.1	23,435	10.8	2,132	1.0	21,303	9.8	26,026	12.0	35,980	16.6
Louisiana	150,007	46,694	31.1	17,187	11.5	1,129	0.8	16,058	10.7	18,262	12.2	23,970	16.0
Oklahoma	179,687	43,128	24.0	28,280	15.7	8,131	4.5	20,149	11.2	23,369	13.0	34,160	19.0
Texas	418,002	147,349	35.3	93,577	22.4	14,450	3.5	79,127	18.9	93,474	22.4	120,480	28.8
West South Central	*964,370*	*295,903*	*30.7*	*162,479*	*16.8*	*25,842*	*2.7*	*136,637*	*14.2*	*161,131*	*16.7*	*214,590*	*22.3*
Montana	41,823	10,614	25.4	11,688	27.9	3,741	8.9	7,947	19.0	8,745	20.9	10,550	25.2
Idaho	43,663	28,931	66.3	26,384	60.4	945	2.1	25,439	58.3	28,801	66.0	32,170	73.7
Wyoming	15,018	4,655	31.0	5,184	34.5	1,710	11.4	3,474	23.1	3,954	26.3	5,070	33.8
Colorado	51,436	20,046	39.0	19,735	38.4	4,912	9.6	14,823	28.8	16,648	32.4	21,810	42.4
New Mexico	34,105	7,644	22.4	6,554	19.2	2,075	6.1	4,479	13.1	4,834	14.2	6,090	17.9
Arizona	18,468	6,577	35.6	6,031	32.7	424	2.3	5,607	30.4	6,191	33.5	6,780	36.7
Utah	25,411	18,510	72.8	17,714	69.7	303	1.2	17,411	68.5	18,478	72.7	19,750	77.7
Nevada	3,573	1,770	49.5	1,812	50.7	257	7.2	1,555	43.5	1,599	44.8	1,700	47.6
Mountain	*233,497*	*98,747*	*42.3*	*95,102*	*40.7*	*14,367*	*6.1*	*80,735*	*34.6*	*89,250*	*38.2*	*103,020*	*44.6*
Washington	81,686	62,843	76.9	60,082	73.6	1,799	2.2	58,283	71.4	61,885	75.8	67,550	82.7
Oregon	61,829	41,245	66.7	38,010	61.5	1,641	2.7	36,369	58.8	39,519	63.9	43,530	70.4
California	132,658	113,705	85.7	110,014	82.9	2,110	1.6	107,904	81.3	110,054	83.0	124,200	93.6
Pacific	*276,173*	*217,793*	*78.9*	*208,106*	*75.4*	*5,550*	*2.0*	*202,556*	*73.3*	*211,458*	*76.6*	*235,280*	*85.2*

The accompanying un-numbered tabulation based on the Census of Agriculture report as of April 1, 1940, 1930 and 1920, shows the relative place of electricity among other farm facilities such as automobiles, telephones, trucks and tractors:

	Electrically Lighted Homes	Automobiles	Telephones	Trucks	Tractors
Number on April 1, 1940	2,032,316	3,542,036	1,526,954	944,184	1,409,697
Number on April 1, 1930	845,356	3,650,003	2,139,194	845,335	851,457
Number on April 1, 1920	452,620*	1,979,564	2,498,493	131,551	229,332

* Electricity or gas.

A page from Farm Service section of the STATISTICAL BULLETIN—THE ELECTRIC LIGHT AND POWER INDUSTRY IN THE UNITED STATES. Published by the Edison Electric Institute.

30% of Passenger Cars on Farms Are 10 Years Old or Older

Number of Passenger Cars in Use on Farms by Year Model

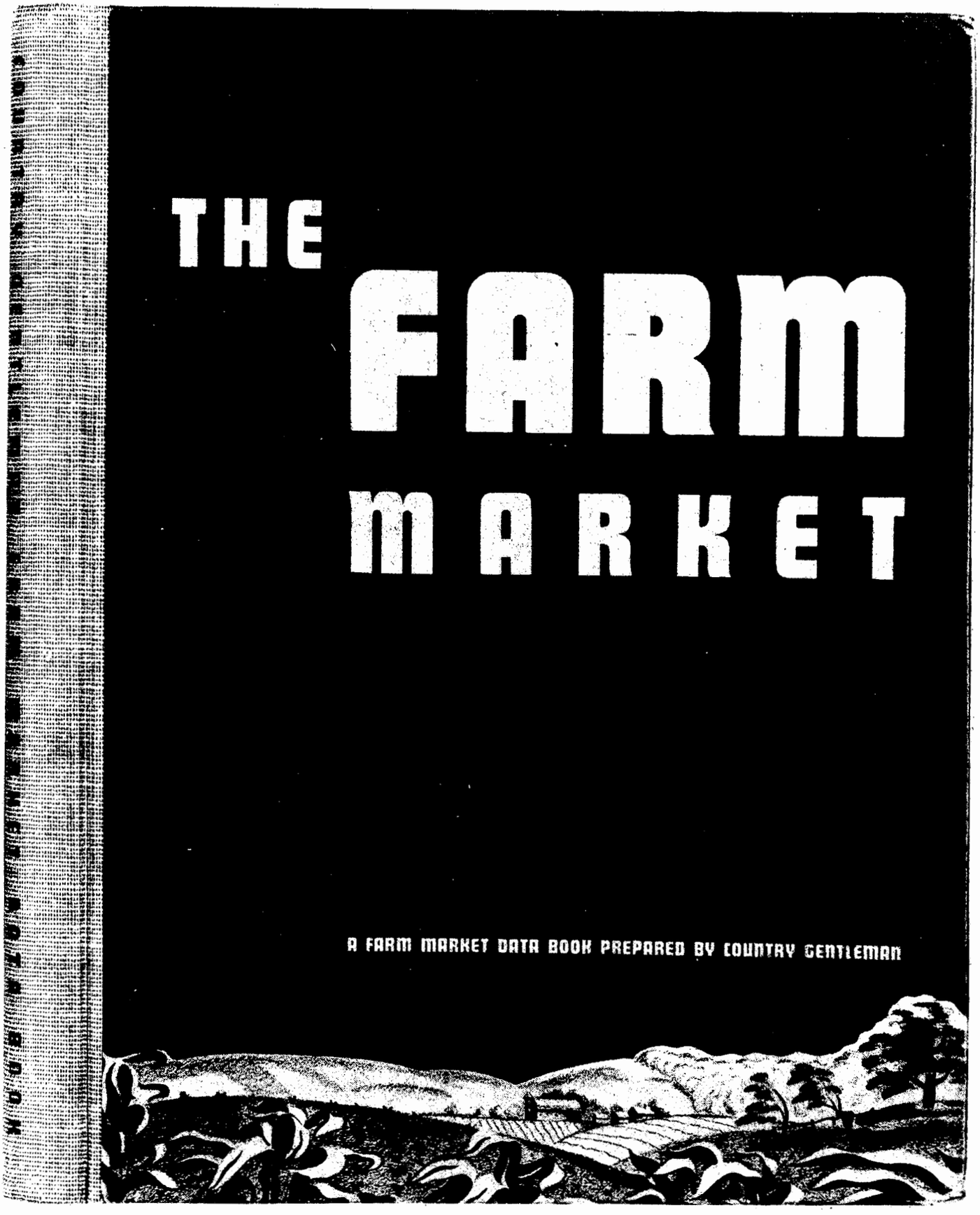
State	1940	1939	1938	1937	1936	1935	1934	1933
Ala.	1,569	3,013	2,430	4,633	4,648	3,696	3,904	1,957
Ariz.	551	778	724	1,031	1,002	628	481	220
Ark.	1,829	2,713	2,269	3,612	3,892	3,131	3,187	1,974
Calif.	5,441	8,542	8,855	14,968	13,653	8,535	5,988	3,578
Colo.	1,543	2,884	2,592	5,505	5,463	3,191	2,523	1,400
Conn.	913	1,408	1,195	2,028	1,651	1,168	1,010	733
Dela.	352	577	606	929	817	583	473	305
Fla.	1,202	1,953	1,863	2,611	2,556	1,748	1,912	943
Ga.	2,273	3,970	3,219	6,393	6,717	5,922	6,444	3,721
Ida.	1,697	2,333	2,037	4,648	4,689	2,925	2,141	962
Ill.	9,105	13,506	13,006	25,414	23,562	15,447	10,002	7,072
Ind.	6,199	9,546	8,899	21,160	19,787	14,380	9,835	6,239
Ia.	9,404	16,952	15,225	25,140	24,439	18,479	10,785	5,933
Kan.	2,848	5,477	6,944	14,996	15,395	11,485	9,101	5,534
Ky.	2,616	4,721	5,101	8,981	9,132	7,553	6,657	4,219
La.	1,722	2,714	2,410	3,562	3,955	2,566	2,575	1,377
Me.	633	1,302	1,236	2,468	2,407	1,635	1,711	1,009
Md.	1,547	2,279	2,233	3,799	3,649	2,499	2,156	1,381
Mass.	1,029	1,906	1,839	2,983	2,638	1,841	1,635	1,049
Mich.	6,919	8,712	7,779	21,659	19,902	13,230	10,327	6,048
Minn.	5,648	9,064	11,564	21,229	19,412	14,601	9,248	6,021
Miss.	2,333	3,638	3,096	5,227	6,176	4,512	4,713	2,546
Mo.	4,351	7,350	6,805	11,542	13,602	11,004	9,681	7,608
Mont.	1,466	2,384	1,851	3,304	4,051	3,242	1,918	1,101
Nebr.	2,413	4,971	5,178	9,316	11,020	8,250	5,608	3,804
Nev.	147	224	175	323	305	175	138	67
N. H.	360	817	688	1,182	1,212	884	841	588
N. J.	1,158	1,669	1,567	2,694	2,178	1,521	1,340	951
N. M.	896	1,329	1,115	1,658	1,521	1,074	1,043	484
N. Y.	4,422	7,084	7,461	13,617	13,180	9,384	7,975	6,278
N. C.	3,933	7,233	7,573	11,814	10,686	11,787	12,186	5,943
N. D.	1,829	2,592	3,152	5,129	4,586	4,910	3,331	2,266
Ohio	7,642	10,878	10,740	27,566	25,923	17,139	13,479	8,481
Okla.	2,839	5,038	5,684	9,884	10,796	9,162	8,553	5,774
Ore.	1,990	3,059	2,770	6,109	6,381	3,391	2,535	1,481
Penn.	5,284	8,056	8,218	17,089	16,159	10,354	9,397	6,333
R. I.	103	197	160	310	288	186	154	144
S. C.	2,136	3,844	2,895	5,304	4,919	4,662	4,988	3,115
S. D.	1,956	2,950	2,837	5,583	5,804	4,913	3,143	1,916
Tenn.	3,051	4,909	4,764	8,123	7,985	6,987	6,387	3,474
Tex.	9,748	13,760	14,394	23,485	26,452	20,964	20,744	14,178
Utah	688	1,132	961	2,164	2,201	1,453	996	575
Vt.	473	999	895	1,591	1,640	1,281	956	682
Va.	3,499	5,694	5,231	8,157	8,755	6,841	5,798	3,239
Wash.	1,974	3,241	2,991	7,548	7,443	4,348	3,463	1,991
W. Va.	1,082	2,189	2,036	4,001	4,180	2,857	2,619	1,540
Wis.	4,622	7,166	8,503	18,483	17,607	13,001	8,478	5,271
Wyo.	713	1,097	833	1,470	1,497	1,028	664	384
Total	136,148	217,850	214,599	410,422	405,913	300,553	243,223	151,889
Per cent	3.9	6.2	6.1	11.7	11.6	8.6	6.9	4.3

NOTE: Year of latest model only given for farms reporting 2 or more passenger cars, hence proportion of cars in older age groups is understated.

1932	1931	1930 & Earlier	No. of Cars reported by Yr—Model	Farms Reporting Cars	No. of Cars on Farms	Telephones on Farms	State
1,583	3,140	14,741	45,314	46,202	48,473	8,254	Ala.
216	354	1,867	7,852	7,925	10,401	2,670	Ariz.
1,786	2,884	17,838	45,115	45,865	48,571	11,375	Ark.
3,588	5,255	26,752	105,155	106,012	150,534	44,621	Cal.
1,056	2,537	11,949	40,643	40,878	50,426	16,795	Colo.
691	866	2,422	14,085	14,219	18,821	13,066	Conn.
272	468	1,366	6,748	6,835	8,164	2,216	Dela.
1,088	1,929	6,160	23,965	24,552	27,393	3,556	Fla.
3,033	6,497	22,596	70,785	72,140	77,049	8,473	Ga.
736	1,425	8,923	32,516	32,806	38,184	12,523	Ida.
5,480	10,663	41,824	175,081	176,138	210,555	105,683	Ill.
5,171	8,641	38,132	147,989	149,026	172,981	83,675	Ind.
4,834	11,226	48,849	191,266	192,456	236,601	142,091	Ia.
4,103	8,015	45,734	129,632	130,231	150,403	79,666	Kan.
4,032	7,375	27,640	88,027	88,979	98,699	39,851	Ky.
1,336	1,854	7,562	31,633	32,039	34,891	4,991	La.
1,316	2,179	6,552	22,448	22,701	25,540	17,105	Me.
1,526	2,031	5,925	29,025	29,695	38,848	12,982	Md.
962	1,223	2,425	19,530	19,743	23,734	17,066	Mass.
5,776	8,766	42,002	151,120	152,922	181,209	52,025	Mich.
5,817	13,463	56,034	172,101	172,764	208,693	87,939	Minn.
1,994	2,409	15,605	52,249	53,259	55,702	8,215	Miss.
6,944	13,335	69,175	161,397	162,640	176,285	99,799	Mo.
776	1,303	8,843	30,239	30,358	35,699	6,966	Mont.
2,888	7,557	46,194	107,199	107,484	126,269	52,349	Nebr.
79	117	586	2,336	2,362	3,158	1,201	Nev.
656	905	2,433	10,566	10,801	12,901	8,528	N. H.
939	1,189	3,138	18,344	18,514	24,223	9,359	N. J.
426	641	3,358	13,545	13,760	15,731	2,287	N. M.
6,464	8,911	27,912	112,688	113,913	139,718	59,526	N. Y.
4,492	10,307	30,057	116,011	118,074	127,476	12,111	N. C.
1,704	3,750	28,005	61,254	61,418	71,907	20,627	N. D.
7,616	10,446	47,002	186,912	188,863	231,368	88,888	Ohio
3,920	6,263	34,157	102,070	102,921	112,369	32,571	Okla.
1,498	2,632	16,499	48,345	48,602	58,797	20,950	Ore.
6,980	8,086	27,412	123,368	124,784	157,988	54,472	Penn.
123	161	300	2,126	2,139	2,883	1,502	R. I.
2,162	6,801	17,209	58,035	58,807	63,653	4,267	S. C.
1,689	4,163	27,297	62,251	62,512	72,675	24,821	S. D.
3,228	5,919	22,700	77,527	78,800	85,233	32,468	Tenn.
9,175	15,429	78,021	246,350	248,580	277,664	54,564	Tex.
376	700	3,953	15,199	15,352	16,759	4,998	Utah
946	1,215	4,227	14,905	15,128	17,979	11,052	Vt.
3,390	5,782	17,955	74,341	75,273	86,785	26,228	Va.
1,897	3,338	22,374	60,608	60,870	70,490	26,161	Wash.
1,609	2,334	9,821	34,268	34,688	38,051	20,308	W. Va.
5,777	10,645	56,631	156,184	157,087	188,312	72,436	Wis.
288	558	2,292	10,824	10,889	13,852	3,628	Wyo.
132,438	235,687	1,060,449	3,509,171	3,542,006	4,144,097	1,526,905	Total
3.8	6.7	30.2	100%				

SOURCE: U. S. Bureau of Census, April, 1940.

Pages 48 and 49.—AUTOMOBILE FACTS AND FIGURES. Published by Automobile Manufacturers Association.



A reduced facsimile of the two-color cover of THE FARM MARKET, a farm market data book, prepared by Country Gentleman.

IOWA

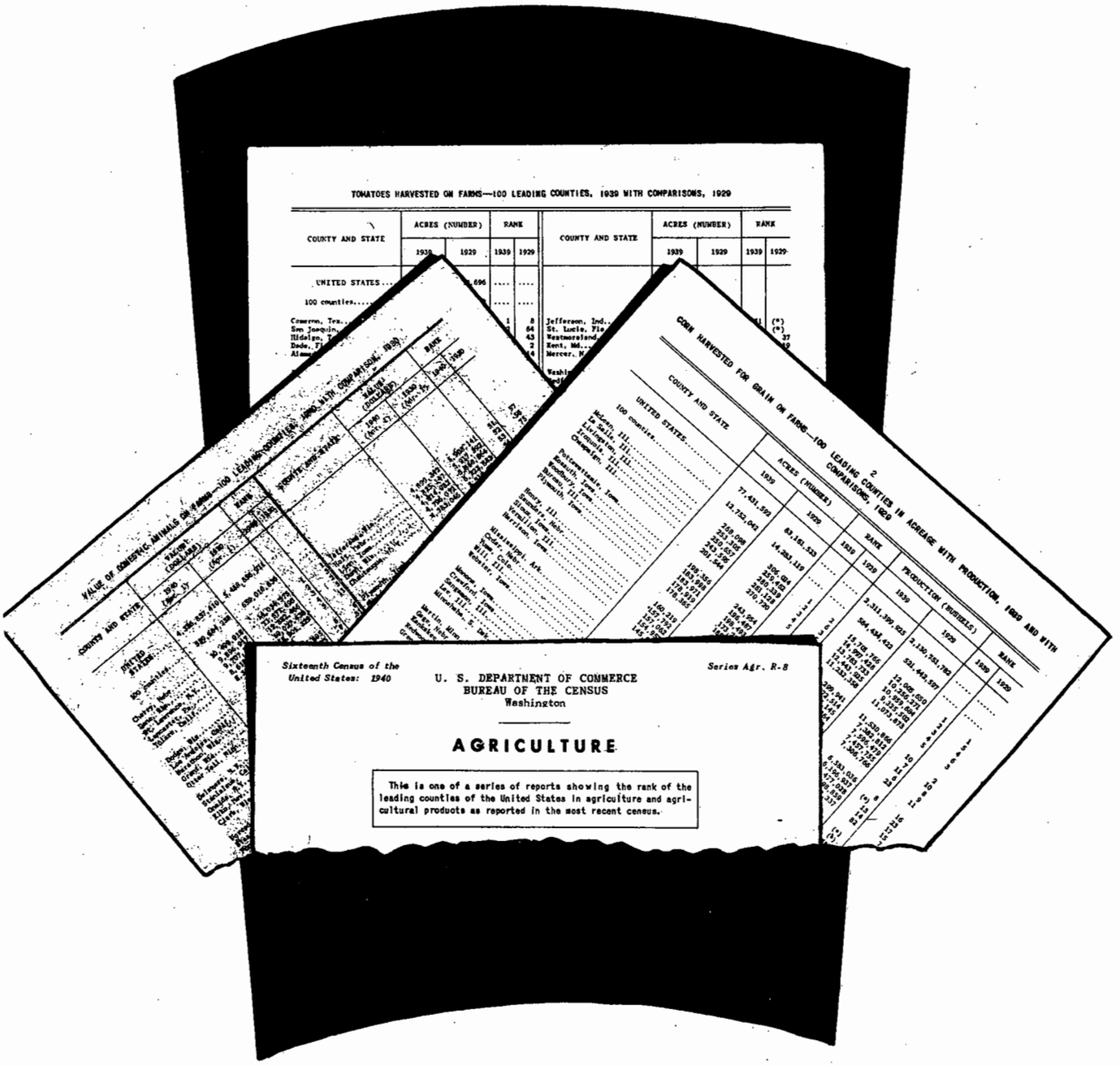
Line No.			STATE TOTAL	ADAIR	ADAMS	ALLAMAKEE	APPANOOSE	AUDUBON	BENTON	BLACK HAWK
	POPULATION—FARMS									
1	Country Gentleman circulation	units	99,525	911	764	1,303	727	711	859	1,327
2	Population—total	number	2,538,268	13,196	10,156	17,184	24,245	11,790	22,879	79,946
3	Rural population	number	1,454,037	13,196	10,156	14,212	15,832	11,790	15,514	18,854
4	% of total population	per cent	57.3	100.0	100.0	82.7	65.3	100.0	67.8	23.6
5	Rural farm families	number	228,354	2,210	1,763	2,286	2,210	1,884	2,736	2,661
6	Number of farms	number	213,318	2,098	1,582	2,088	2,092	1,820	2,490	2,494
7	White farm operators	number	213,191	2,098	1,582	2,086	2,092	1,820	2,490	2,493
	VALUES									
8	Land and buildings	dollars	2,690,744,215	19,036,965	14,002,080	16,133,840	9,724,364	21,111,613	45,341,023	33,701,613
9	Average per farm	dollars	12,614	9,074	8,851	7,727	4,648	11,600	18,209	13,513
10	Average per acre	dollars	78.79	53.22	53.12	43.90	31.70	75.25	104.44	99.22
11	Implements and machinery	dollars	242,047,158	1,790,110	1,324,177	1,951,989	862,451	1,812,354	3,661,839	3,249,590
12	Average per farm	dollars	1,134.66	853.25	837.03	934.86	412.26	995.80	1,478.65	1,302.96
	EXPENDITURES									
13	Implements and machinery	dollars	45,103,124	300,213	219,507	302,241	159,206	314,695	696,005	649,561
14	Average per farm reporting	dollars	434.12	343.89	379.11	315.82	319.05	377.33	489.45	441.58
15	Gasoline, distillate, kerosene, oil	dollars	21,995,454	147,844	98,837	119,201	48,228	148,474	306,727	290,642
16	Average per farm reporting	dollars	133.90	89.22	107.43	71.51	53.25	98.92	159.98	151.22
17	Building materials	dollars	34,114,867	137,435	95,991	135,537	84,251	161,714	423,375	446,189
18	Average per farm reporting	dollars	216.78	146.99	156.40	119.84	112.04	183.14	274.74	291.25
19	Feed for animals and poultry	dollars	48,942,232	389,465	228,860	172,641	144,246	558,539	745,047	511,651
20	Average per farm reporting	dollars	300.91	258.74	239.90	120.64	130.30	362.45	353.66	253.42
21	Hired labor	dollars	29,500,447	166,807	106,167	209,799	70,434	154,733	443,528	394,512
22	Average per farm reporting	dollars	270.32	181.12	181.18	188.67	154.46	215.51	303.79	285.05
	AUTOMOTIVE									
23	Automobiles—farms reporting	number	192,456	1,911	1,405	1,852	1,541	1,686	2,326	2,265
24	% of all farms	per cent	90.2	91.1	88.8	88.7	73.7	92.6	93.4	90.8
25	Number of automobiles	number	236,601	2,185	1,611	2,210	1,653	2,065	3,022	2,873
26	Motor trucks—farms reporting	number	24,947	105	104	270	147	160	385	399
27	% of all farms	per cent	11.7	4.9	6.6	12.9	7.0	8.8	15.5	16.0
28	Number of motor trucks	number	26,352	108	107	280	157	166	412	431
29	Tractors—farms reporting	number	117,932	975	721	806	368	975	1,738	1,573
30	% of all farms	per cent	55.3	46.5	45.6	38.6	17.6	53.6	69.8	63.1
31	Number of tractors	number	128,516	1,021	742	844	389	1,019	1,908	1,710
	FARM FACILITIES									
32	Farms with electricity	number	86,786	423	505	528	390	584	1,511	1,751
33	% of all farms	per cent	40.7	20.2	31.9	25.3	18.6	32.1	60.7	70.2
34	Farms with telephone	number	142,091	1,597	1,093	1,495	982	1,512	2,107	1,598
35	% of all farms	per cent	66.6	76.1	69.1	71.6	46.9	72.1	84.6	64.1
36	Farm dwellings needing major repairs	number	55,959	818	132	791	362	134	743	862
37	% of all farm dwellings	per cent	24.6	37.1	7.2	33.9	16.0	7.7	27.3	33.0
38	Farm dwellings with running water	number	48,761	372	278	397	120	610	833	701
39	% of all farm dwellings	per cent	21.4	16.9	15.2	17.0	5.3	35.3	30.6	26.8
40	Farm dwellings with bath	number	31,862	206	159	284	77	257	577	522
41	% of all farm dwellings	per cent	14.0	9.4	8.7	9.6	3.4	14.9	21.2	20.0
42	Farm dwellings with inside toilet	number	35,374	232	177	274	92	322	634	594
43	% of all farm dwellings	per cent	15.2	10.3	9.4	11.6	4.0	16.7	25.0	22.3
	ACREAGE									
44	Land area	acres	35,851,040	364,160	272,640	408,960	334,720	286,720	459,520	362,880
45	% in farms	per cent	95.3	98.2	96.7	89.9	91.6	97.9	94.5	93.6
46	Farm land	acres	34,148,673	357,713	263,616	367,505	306,747	280,538	434,131	339,662
47	Average size of farm	acres	160.1	170.5	166.6	176.0	146.6	154.2	174.3	136.2
	TENURE—WORK OFF FARM									
48	Farms operated by owners	number	110,616	973	808	1,371	1,356	850	1,248	1,350
49	% of all farms	per cent	51.9	46.4	51.1	65.7	64.9	46.7	50.1	54.1
50	Farm operators living off farm	number	6,500	63	54	78	103	54	56	43
51	Farm operators working off farm	number	38,118	356	365	423	734	329	356	588
52	Average days worked off farm	number	101	79	98	78	108	78	72	161
	LIVESTOCK—POULTRY									
53	Horses and mules	number	773,893	8,610	5,576	8,271	6,102	6,999	9,265	8,861
54	Cattle and calves	number	4,213,010	40,421	28,493	48,976	26,612	40,619	67,168	52,162
55	Cows milked	number	1,292,606	10,720	6,985	20,679	8,075	10,180	15,359	20,617
56	Milk produced	gallons	652,729,566	5,214,556	3,444,268	11,024,664	3,167,303	4,518,580	7,889,908	11,610,541
57	Hogs and pigs	number	4,902,446	49,847	41,787	28,163	15,933	38,330	75,115	58,234
58	Sheep and lambs	number	1,203,408	12,479	12,157	9,846	40,088	8,147	5,854	5,197
59	Chickens raised	number	43,405,028	393,148	295,821	330,527	286,071	462,075	533,657	514,449
60	Chicken eggs produced	dozens	168,204,052	1,501,814	1,100,433	1,289,931	1,040,341	2,082,760	2,020,335	1,955,907
	CROPS									
61	Cropland harvested	acres	20,076,641	180,914	122,978	141,691	106,390	161,676	280,103	221,205
62	Corn for all purposes	acres	9,350,820	92,929	65,156	44,454	32,568	81,885	122,781	94,577
63	Corn harvested for grain	bushels	469,786,611	3,554,845	2,686,133	2,226,895	1,062,828	3,849,449	7,849,734	5,249,953
64	Wheat threshed	acres	367,830	2,348	4,864	913	953	1,520	801	484
65		bushels	6,567,597	26,711	67,100	12,478	8,952	17,527	13,725	8,339
66	Oats threshed and fed unthreshed	acres	5,001,159	38,259	23,940	54,353	18,998	36,885	74,503	56,354
67	Oats threshed	bushels	156,348,088	587,719	416,093	994,302	299,364	714,729	2,533,601	2,102,164
68	Barley threshed	acres	525,755	306	352	3,934	68*	10,271	6,764	909
69		bushels	12,449,209	3,946	3,698	97,249	1,168*	159,085	164,166	23,195
70	Rye threshed	acres	62,862	341	755	520	185	259	745	847
71		bushels	945,125	2,629	10,293	6,718	1,244	3,035	10,269	13,266
72	All hay	acres	3,548,792	35,834	20,970	50,376	39,371	26,156	53,456	50,763
73		tons	5,051,371	38,313	28,565	61,569	41,162	39,391	86,015	78,281
74	Sorghums, except for syrup	acres	78,158	1,287	1,301	451	507	1,247	227	975
75	Cotton	acres	-	-	-	-	-	-	-	-
76		(square) bales	-	-	-	-	-	-	-	-
77	Irish potatoes	acres	50,908	408	387	804	147	540	491	517
78		bushels	4,702,098	32,697	29,585	60,687	11,790	43,431	50,152	40,959
79	Tobacco	acres	17	-	-	##	-	-	-	-
80		pounds	18,138	-	-	##	-	-	-	-
81	Vegetables harvested for sale	acres	28,238	7	7	6	7	126	730	545
82		dollars	1,281,868	475	273	461	430	2,774	19,741	28,190
83	Small fruits	acres	3,756#	12	6	63	31	26	51	58
84	Tree fruits, nuts, and grapes	acres	23,239	239	114	157	178	91	407	371
85	Value of vegetables for home use	dollars	6,225,295	47,669	33,493	66,548	70,386	32,113	86,220	96,491

* Estimated

\## Census does not report data for less than 3 farms.

\# Seven acres included in the state total are not distributed among the counties as the Census did not publish small fruit acreage of less than 1 acre or for less than 3 farms.

Page 118—A sample of the 385 pages of FARM MARKET DATA prepared by Country Gentleman. (see facsimile of cover, page 222.)


TOMATOES HARVESTED ON FARMS—100 LEADING COUNTIES, 1939 WITH COMPARISONS, 1929
CORN HARVESTED FOR GRAIN ON FARMS—100 LEADING COUNTIES IN ACREAGE WITH PRODUCTION, 1939 AND WITH COMPARISONS, 1929
Sixteenth Census of the United States: 1940
U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
Washington
Series Agr. R-8
AGRICULTURE
This is one of a series of reports showing the rank of the leading counties of the United States in agriculture and agricultural products as reported in the most recent census.

CHAPTER IV. VISUAL ANALYSIS — A MEANS OF EXPLORATION IN STATISTICAL RESEARCH

CONTENTS

Page

Visual analysis—A means of exploration in statistical research---------- 227

ILLUSTRATIONS

Page

Figure 1.—Three stages in the preparation of visual-analysis cards—blank form ready for transcription, transcribed card, and coded and slotted card---------- 229

Figure 2.—Three cards each representing a farm and farm family. All of the information used in the study concerning the farm and the operator's family is carried on one card---------- 230

Figure 3.—Pack of slotted cards before beginning exploratory studies of relationships---------- 231

Figure 4.—Sorting slotted cards by means of a needle---------- 232

Figure 5.—Cards sorted to show the relationships existing between size of farm and selected characteristics---------- 233

Figure 6.—Card designed primarily for visual-analysis purposes---------- 235

Figure 7.—Cards sorted first by size of farm, then each size group halved to illustrate the stability of the relationships visible---------- 235

Figure 8.—Cards sorted to show the effect of tenure on size of farm; also, that some characteristics related to size of farm are not affected by tenure---------- 236

Figure 9.—Graphic illustration of the changes in number of farms by tenure which accompany changes in the size of farms used in these examples---------- 237

Figure 10.—Farms reporting automobiles compared with those not reporting automobiles. In these examples characteristics associated with large farms rarely appear on cards representing farms not reporting automobiles---------- 239

Figure 11.—Graphic illustration of the proportions shown in figure 10---------- 239

Figure 12.—Cards representing farms reporting trucks are shown below the heavy line---------- 241

Figure 13.—Relative lengths of bars indicate the changing proportions in these examples of farms reporting trucks in six size-of-farm groups---------- 241

Figure 14.—Cards sorted to separate farms reporting tractors from those not reporting tractors. Cards used in these examples show most of the smaller farms in the nontractor group---------- 243

Figure 15.—Bar graph showing, for the farms represented by the cards in figure 14, the increase in proportion reporting tractors as the size of farms increases---------- 243

Figure 16.—Progressive selection. Final group of cards, shown at top, represents farms reporting automobiles, tractors, and trucks, and having electricity available---------- 245

VISUAL ANALYSIS — A MEANS OF EXPLORATION IN STATISTICAL RESEARCH

A representative of the research division of a national farm magazine made a visit to the Bureau of the Census for the purpose of discussing tabulation of material which would be of special value to advertisers using his magazine as a medium. The Census had a few months earlier made a subscriber study for the company and as a result had on hand all of the material previously prepared.

The representative was, of course, familiar with the methods used in making that study. His purpose in making a personal visit to the Census was to determine, as a preliminary to further tabulating, what the results would be. Having knowledge of the preparation for the earlier study, he knew that the Census was in position to furnish, in a matter of minutes, a preview of the results to be expected in any suggested tabulation of the material used. After having examined the results of several proposed tabulations, he arranged for payment of the costs and ordered selected tables prepared.

The representative was enabled to "see" the results to be accomplished because of the use in his study of a special card which provided a means of visually analyzing the material on hand. This visual analysis enabled the Census not only to present the probable results of several specified tabulations, but actually to show the representative approximately what those results would be when tabulations of his material had been made.

One of the questions asked of the Bureau of the Census was "Among our subscribers farms, what are some of the characteristics which distinguish those on which tractors are used as a source of farm power from those on which tractors are not used?"

Previously, no tables had been prepared which could answer this question, but within just a few minutes the information, applicable to the subscribers farms included in the sample, was supplied to the representative:

1. On most of the farms using tractors, the major source of income is from field crops; next in importance are those with major source from livestock sold or traded; and third, those with major source of income from dairy products.
2. Late model tractors were found among livestock and dairy farmers more often than among those whose major source of income was from crops.
3. Late model automobiles tended to accompany late model tractors.
4. Livestock and field crop farms reporting tractors ranged in size upward from 70 acres. Dairy farms ran smaller.
5. The majority of farms of over 140 acres reported tractors.
6. Only a very small proportion of farms of less than 70 acres reported tractors.
7. Farms without tractors reported fewer automobiles than did the farms with tractors.

With this information the representative ordered three separate tabulations which would show the numerical extent of the principal relationships brought out in this preliminary analysis.

[1]The system of visual analysis described in this chapter was developed by Carl R. Nyman and Orville C. Demaree of the Division of Agriculture, Bureau of the Census. In a routine search of the Patent Office records made in the interest of the Government, expired Letters Patent, No. 1,150,795, were found issued to Charles H. Talmadge on August 17, 1915. In the letters patent was described a card embodying a system of classification by means of peripheral slots similar to the cards used in the illustrations accompanying this article.

The researcher is very often faced with the problem of determining which way to proceed. Given a wide and detailed knowledge of the subject with which to set up hypotheses the researcher can proceed great distances into uncharted fields. As the development of the project proceeds, however, problems arise. One of these is that of wasted effort. A long series of tabulations and computations completed and found somewhat short of supporting the hypothesis may prove, for example, that certain factors do not influence the final result to a significant extent. This information may be valuable, but often must be considered as wasted effort to the extent that it could have been avoided. In other words, if a shorter and more efficient means of determining the lack of influence of these factors had been used, the same results would have been known more quickly and at less cost.

Another problem arising is one involved simply with the completeness of the analysis. In proceeding with research and analysis with a given amount of data, when is the problem finished, or, when have all important factors been considered? With only three or four items or characteristics involved, the answer to this question can very often be obtained in a relatively short time. But in any analysis involving Census data when dozens of items of information bearing on certain subjects are available, the question is very definite. The selection, in advance, of all of the characteristics which will be required to complete the study, or the selection of those which have the most bearing on the problem in question, are of paramount importance. The funds available for a given project very often limit the study to the completion of a single planned attack. When, upon nearing the completion of the project, the analyst discovers other characteristics which look promising and he is unable to use them in place of some which proved of little value to his study, he is likely to feel as Moses must have felt when gazing over the land of Canaan.

What is needed then is a means of determining at low cost in time and effort the answers to these two questions: (a) What are the factors which are likely to be of influence in the study, and (b) which are of greatest importance. When the answers to these questions are known, the analyst can proceed with the knowledge that, when the project is completed, he will have thoroughly covered the subject within the limits prescribed.

With such a means at hand and used to its utmost capabilities, exact factors of influence can be determined, leaving for tabulations and further study the determination of the extent of such influence under the various restrictions imposed in the study. The purpose of this article is to describe a means of obtaining in advance of tabulations a thorough understanding of the factors involved and a general knowledge of their relative importance. The Census has been using for the past year a system which has amazing possibilities when used in many research problems. The system provides a means of keeping "visible" at all times all items involved in the study, and also a means of noting relationships existing between these items. Relationships between, and the relative importance of, the various characteristics can actually be seen on the edges of a pack of visual-analysis cards.

The principles involved in the visual-analysis system are simple. Using the individual farm as an example, all possible characteristics descriptive of each farm are coded and slotted in edges of cards. The cards may be of any convenient size and shape. On each card is carried a prepared form to which is transcribed from all sources all of the information to be used or considered in a particular study.

Figure 1 shows the three stages of development of the cards. The card at the top shows the prepared form ready for transcription, the center card is a sample of the transcribed data, and the lower card shows the same data coded and slotted in the margins of the card. Note that holes are provided for each code, but only the appropriate code is slotted for each item.

The particular cards used in this and all following illustrations were used in a special study mentioned in the opening paragraphs of this chapter. Cards designed specifically for visual analysis would be somewhat different. A layout for a strictly exploratory visual-analysis card expected to be used in the Census is shown later in figure 6.

For purposes of simplification, only a few items or characteristics of farms will be discussed. The purpose is to explain exactly how the system works rather than to work out any particular problem. Since it will be well to become familiar with these particular items in order to more readily understand the descriptions and illustrations to follow, a brief listing and a description of each of the selected items are here given.

Referring to the upper edge of the top card, at the left is a block of 7 holes labeled "Tenure." A card slotted in the first hole represents a farm operated by a full owner, or in other words, the operator owns all of the land he operates. Slotted in the second hole the card represents a farm operated by a part owner or a farm of which the operator owns a part and rents a part from others. Code 3 refers to managed farms and codes 4, 5, 6, and 8 to various forms of tenancy. Further explanation concerning tenure will not be necessary.

In the block of 6 holes labeled "Size of farm" the first hole on the left refers to farms of less than 30 acres. The second hole refers to farms of 30 to 69 acres, the third to 70 to 139 acres, the fourth to 140 to 179 acres, the fifth to 180 to 259 acres, and the last to farms of 260 acres and over. Question 12 in the upper section of the printed form on the card carries the acres in farm.

In the block marked "Mortgage" the left of the 3 holes, with the word "Yes" printed underneath, is slotted when the reply to Question 22 is "Yes" and indicates that a farm is operated by a full owner or part owner and carries a mortgage on the land and buildings of the farm. The center hole is slotted if the reply to Question 22 is "No," indicating that the farm is operated by a full owner or part owner and is free from mortgage. The hole at the right marked "Amt." is slotted when the amount of the mortgage is shown in reply to Question 23 on a full-owner or part-owner farm.

Holes are slotted in the block marked "Co-op" in accordance with replies to Questions 34, 35, and 36, a reply of "Yes" indicating that the farm operator did business with or through the kind of cooperative organization shown. The 3 types of cooperatives shown refer to selling, buying, and service cooperatives.

Holes in the blocks for "Autos," "Trucks," and "Tractors," are slotted in accordance with replies to these questions in the body of the card. In each group the hole to the left is slotted if the year of latest model is 1936 or later, the center hole is slotted if the year of latest model is 1931 to 1935, and the right hand hole is slotted if the year of latest model is earlier than 1931. In addition, to conserve space by not using an additional hole in each set, the right hand hole was slotted whenever a machine of any year model was reported. Thus, every card showing a machine reported was slotted in the right hand hole and if the year of latest model was before 1931, no other holes in the block were slotted. If the year of latest model was 1931 or later, one of the other two holes in the appropriate block was slotted.

In this discussion, only the left hand hole of the block marked "Electric" will be noted. This hole is slotted whenever the reply to Question 47 indicates that there was an electric distribution line within 1/4 mile of the operator's dwelling. The other two holes indicate the source of current when the operator's dwelling was lighted by electricity. They are "power line" and "home plant," respectively.

The hole marked "Tel" is slotted whenever the reply to Question 49 indicated that a telephone was reported.

All other holes on the card were notched in a similar manner in accordance with information shown on the card. For the purpose of this discussion, however, a clear understanding is necessary of only those described.

After the material has been transcribed and coded and the appropriate slots made in the edges of the card, the slots on any individual card may be said to form a "pattern" for the farm represented. Another farm having the same characteristics would, therefore, have the same pattern of slots and, conversely, any difference in the pattern for individual farms would indicate corresponding differences in their characteristics. In figure 2 are shown such cards for three individual farms. Examination of these will show that as the characteristics of the farms change so do the patterns of slots.

When a group of cards, each card representing an individual farm, are placed together in a pack, the patterns of the individual farms are, of course, not visible. Only the edges are exposed. Figure 3 shows a pack of approximately 550 cards representing that number of individual farms. These particular farms are located for the most part in the Corn Belt. While many of these farms with respect to any one characteristic are similar, there are probably no two farms in the entire group which have exactly the same individual pattern of characteristics. But, as will be seen shortly, when two or more farms have one similar characteristic as indicated by slots in the same position, they are very likely to be similar in one or more other characteristics, and as a consequence have corresponding slots in similar positions. **It is this coincidence of slots representing similar characteristics of farms which forms the basis for the visual system of exploration being described.**

When a number of contiguous cards possess the same characteristic, this fact becomes evident in the appearance of a groove formed by the several coincident slots. Any process which places together all cards showing identically placed slots has automatically selected from the pack all cards representing farms similar in the characteristic represented by the particular slot being used in the selection. When these cards are placed in a separate pack by themselves, the slots representing this characteristic form a continuous groove across the pack. Figure 4 illustrates the manner in which slotted cards are sorted.

Note that the "needle" has been inserted entirely through the pack in holes provided in that position, and, upon being raised, all cards that have been slotted in that position fall and can be readily assembled with others having a similar slot. By simply sorting the cards, all farms possessing a specified characteristic are placed together. When the various characteristics are described by proper notation on the cards themselves, as has been done in these examples, the sorting of farms by characteristics is simple and rapid.

Earlier in this chapter it has been stated that when farms are similar with respect to one characteristic, they are likely to be similar with respect to others. In varying degrees, certain characteristics are accompanied by certain other characteristics and any change in the one is likely to be accompanied by a corresponding change in others. The closer the relationship between items, the more likely are these accompanying changes to occur. If the correlation were perfect between two items, any change in one would always be accompanied by a similar change in the other. Such perfect correlation, however, is hardly to be expected in any considerable number of cards.

When a pack of cards, sorted according to any given characteristic, is viewed from the edge, the slots representing that particular characteristic, as has been said, form a continuous groove across the pack. Slots representing other characteristics most closely related to the one used in sorting will tend to assemble in a similar group. In case of perfect correlation, another groove would be formed across the pack. While this rarely happens, it is not uncommon for as many as 90 percent of the cards representing a group of farms possessing one characteristic to also possess the same second characteristic. Less closely related characteristics will be represented by fewer continuous adjacent slots forming grooves. By this means the relative relationship between items can be judged by the relative frequency of coincidence of slots—the greater the frequency of coincidence, the closer the relationship.

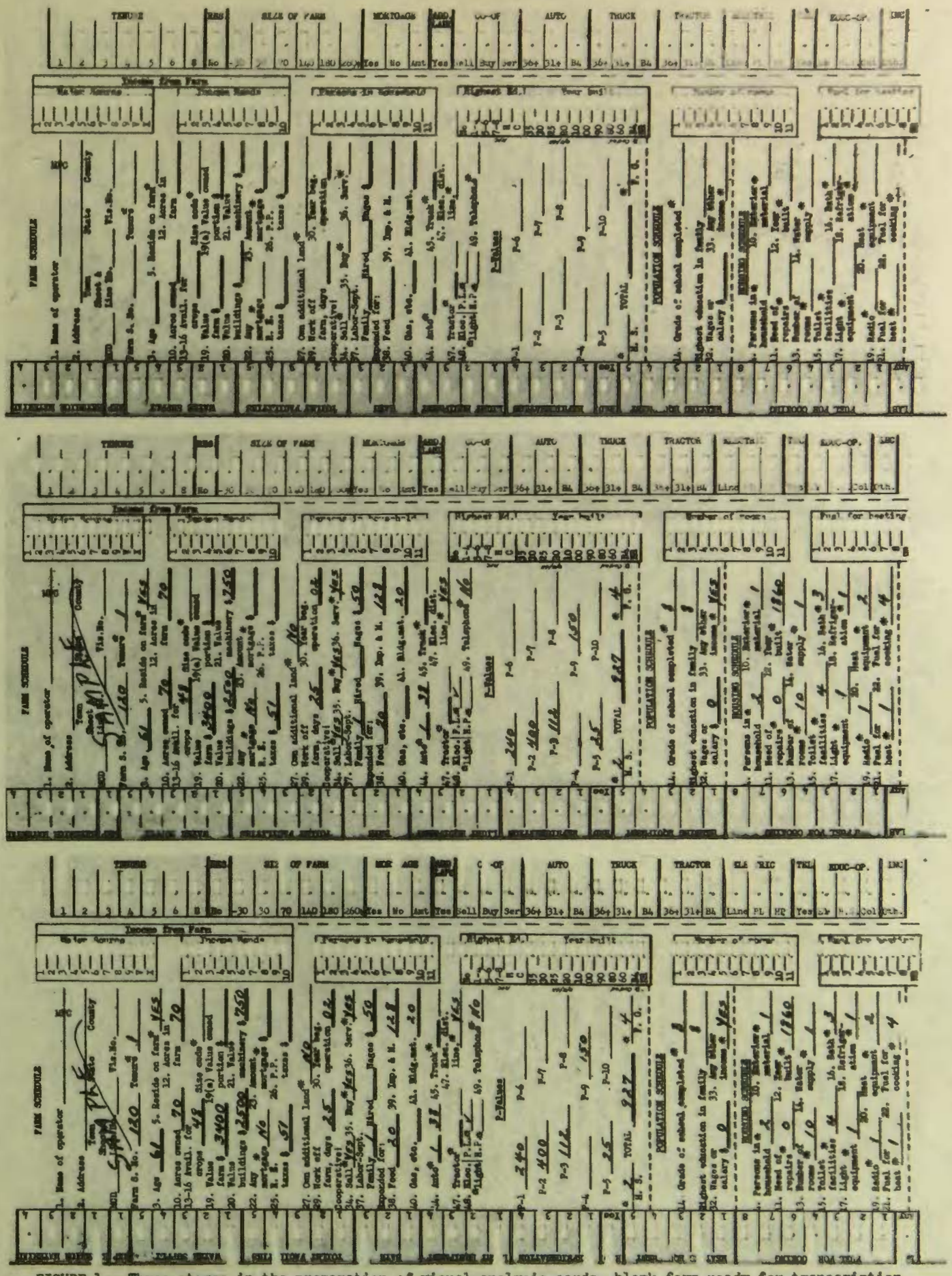


FIGURE 1.—Three stages in the preparation of visual-analysis cards—blank form ready for transcription, transcribed card, and coded and slotted card.

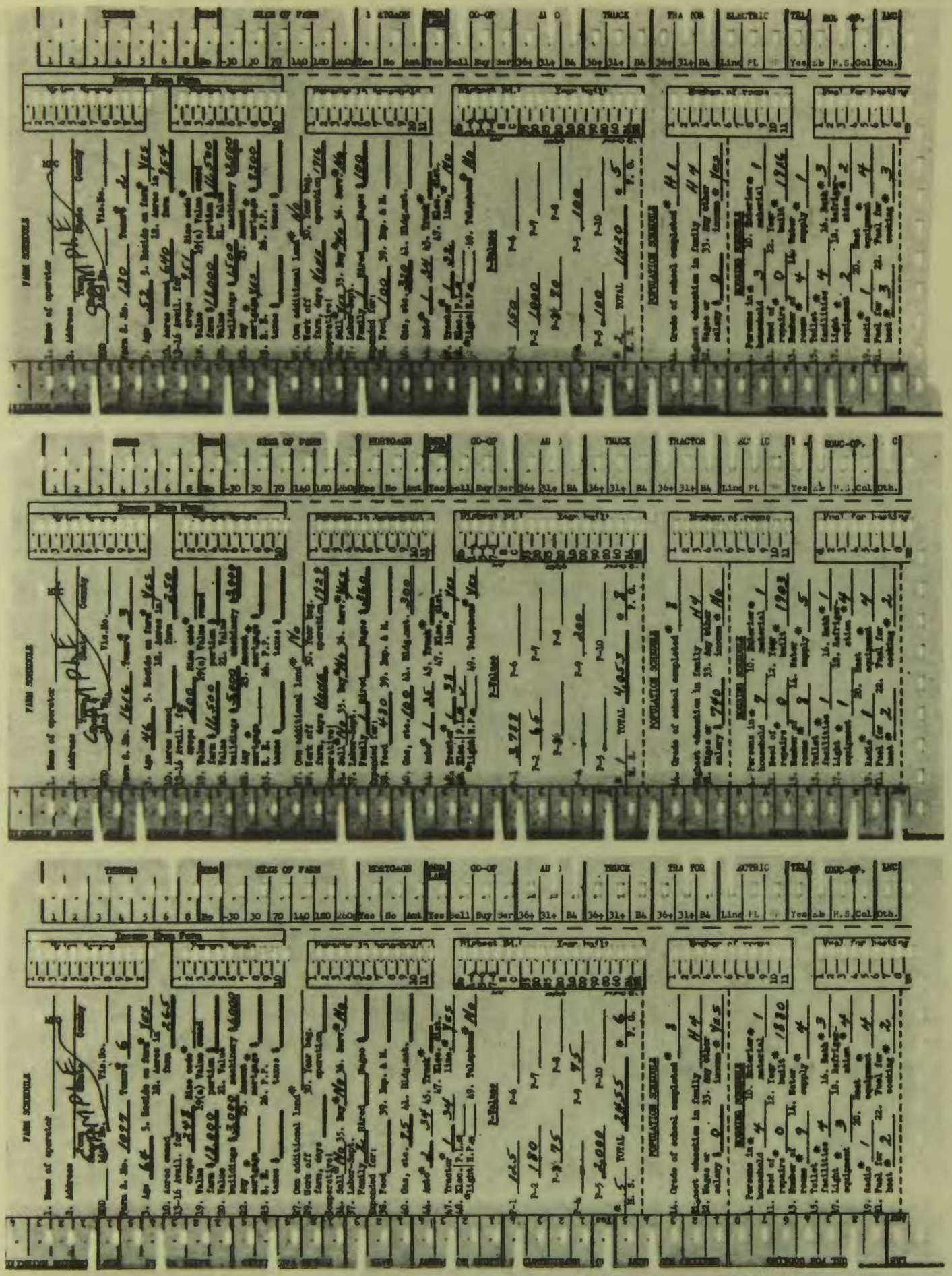


FIGURE 2.—Three cards each representing a farm and farm family. All of the information used in the study concerning the farm and the operator's family is carried on one card.

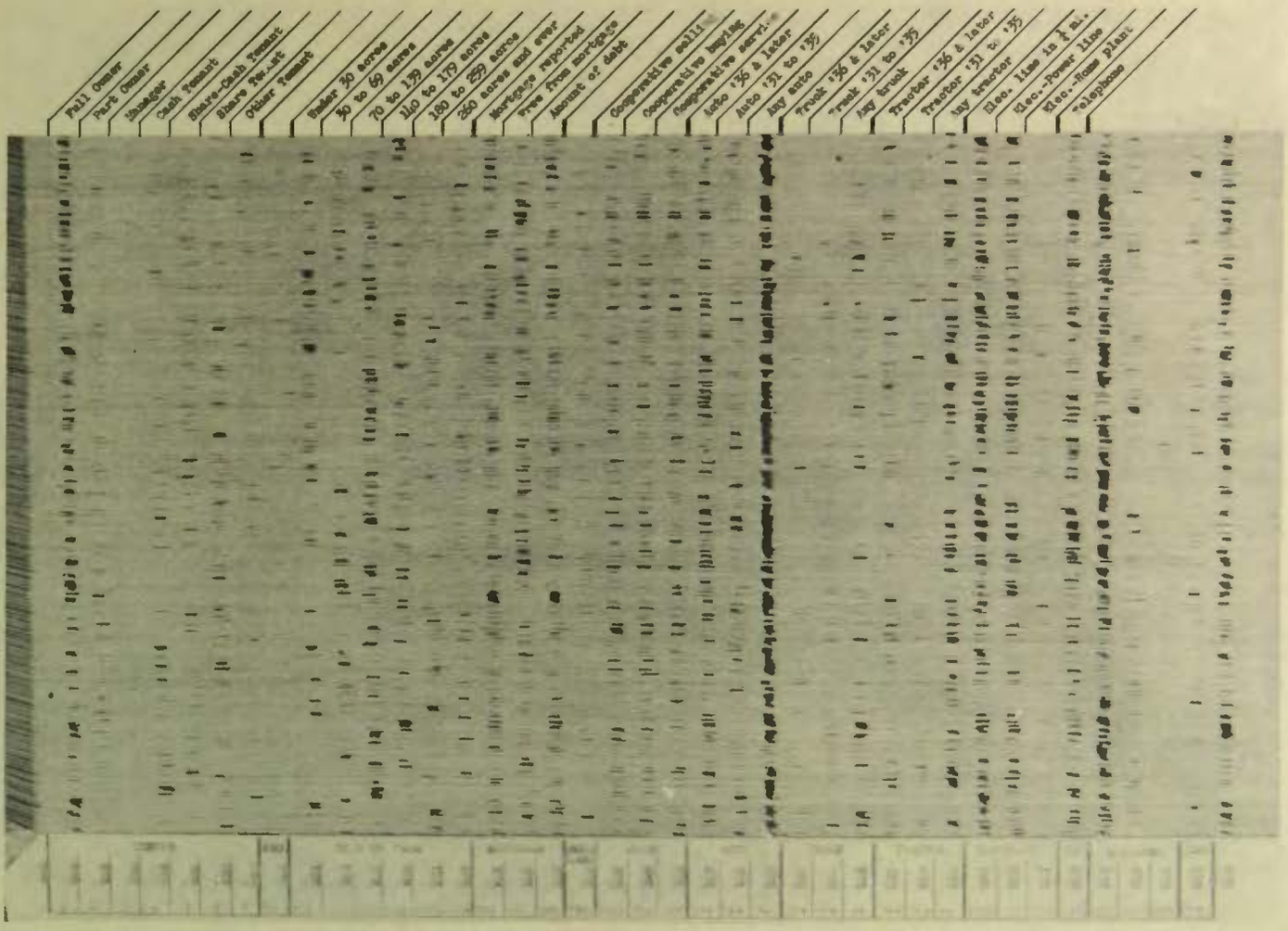


FIGURE 5.—Pack of slotted cards before beginning exploratory studies of relationships.

It will be realized, of course, that all indicated relationships between items are not, of necessity, cause and effect relationships. Changes in some items may be the effect of a causal factor not immediately evident. Especially is this likely to be true when only a limited number of characteristics are coded on the edge of the card as is the case in these examples. It is entirely possible that two or more characteristics carried on a limited card may vary in the same way and still not be influenced by changes in each other. This, however, does not detract in the least from the value of visual exploration. As nearly as possible, all characteristics should be coded and slotted and any additional characteristics suspected of having influence, but concerning which information is not available, should be kept in mind during the entire progress of the study.

Since relationships are indicated by the frequency of coinciding slots, we can speak of the relative frequencies of the slots for each coded characteristic as the pattern of characteristics for a group of farms. Hence, each time the cards are sorted, a new group is brought into existence with an accompanying new pattern of characteristics.

Before proceeding further, it is important that the reader have clearly in mind that the cards herein used for illustrative purposes are a portion of the cards used in a special study and do not represent any particular group of farms. Hence, relationships appearing in this and subsequent pictures cannot be considered as being representative of farms generally or specifically. On the other hand, the cards were not selected to show outstanding characteristics of any kind. They are strictly "run of the mill" cards and any similar group of cards will work exactly the same way.

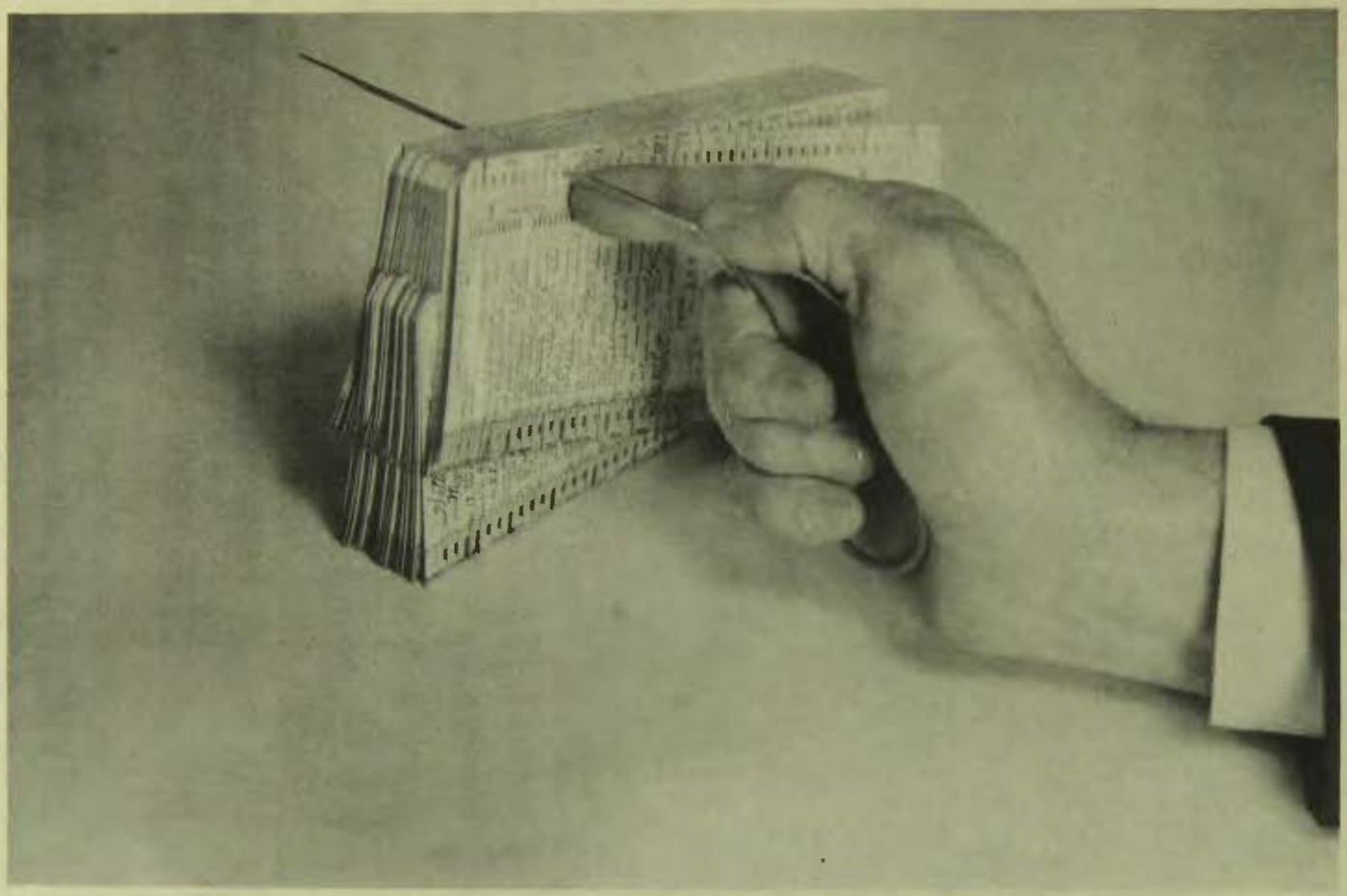


FIGURE 4.—Sorting slotted cards by means of a needle.

Figure 5 shows the pack of cards sorted by size of farm. The cards included between the limits of each continuous groove represent all farms within the limits of each corresponding interval described in the legend at the top of the picture.

Having sorted the cards once, we are now in position to note several characteristics of these farms as they relate to this sort. In other words, the relationships of the various characteristics to size of farm are now visible. The reader's attention is probably first drawn to the column indicating possession of an automobile. In this column the frequency of slots is greater than in any other and indicates that a very high percentage of the farms report automobiles. But the frequency of slots is not uniform throughout the length of the column. At the top of the column, only an occasional card is not slotted, but as the eye travels downward the unslotted cards become increasingly numerous. It is evident that a greater proportion of the operators of the smaller farms are without automobiles than is the case with the operators of the larger farms.

Tenure also changes with size of farm. In the farms of less than 70 acres (those included in the first two size bands in the lower portion of the picture) the proportion of full owners is much higher than in farms larger than 70 acres. Another very noticeable item is that there are practically no part owners operating these smaller farms. However, near the top of the part-owner column, particularly on farms of 260 acres and over, there are more part owners than full owners.

The next observation of interest is the fact that the slots in the "Yes" column of the mortgage group tend to increase in frequency with increase in size of farm when compared with the slots in the "No" column. Therefore, it can be definitely stated that on the farms represented by these cards, the proportion of mortgaged farms increases as the size of farm increases.

In the field of cooperative business, little is shown in the groups of less than 70 acres, but it is rather uniform above this point.

Proportion of later model automobiles (1936 and later) seems to increase with size of farm.

Some relationship can be seen between trucks and size of farm.

Farms reporting tractors very definitely increase with size of farm.

Farms with electricity available (distribution line within 1/4 mile of operator's dwelling) are relatively more numerous in the smaller sizes, but telephones are distributed in the opposite direction—more of the larger farms reporting telephones.

Summarizing the above observations:

1. Items which vary directly with size of farm—
   a. Part-owner-operated farms.
   b. Proportion of owned farms reporting mortgage.
   c. Cooperative business.
   d. Automobiles.
   e. Trucks.
   f. Tractors.
   g. Telephones.
2. Items which vary inversely with size of farm—
   a. Full-owner-operated farms.
   b. Availability of electricity.

The discussion up to this point has been for the purpose of acquainting the reader with the general features of the system before including too many details as to how it may be used. The main purpose of this chapter will be to present to the reader as clearly as possible by means of illustrations and descriptions the general features of the system leaving its adaptation to particular fields of research to the imaginations of the research workers interested.

The number of cards which can be conveniently handled in any given project is limited. Probably 10,000 cards is nearing the maximum for most jobs unless the work divides itself early in the study. For exploratory work which does not include too much detail a number less than one-half this large will probably be adequate. In general, the greater the number of characteristics involved, the greater will be the number of cards required. As the detail increases the number of ramifications, the ultimate groups will become too small for stability of results if too few cards are used.

For small jobs in which the number of reports is only a few hundred or, in some cases, a few thousand, the entire study may be made from the cards without additional punching and machine tabulation. Pick-ups may be made of the transcribed data directly from the cards by means of adding machines.

For larger jobs in which the number of reports is so large as to make the cost of hand tabulations too high, a sample of the reports may be taken and explorations made by means of visual analysis. Since the greatest value of the card lies in its use for visual analysis, most of the exploration is made without tabulations of any kind and without even counting the cards. A draftsman's divider is usually all that is necessary for quickly measuring the lengths of grooves, when it is desirable to record them for future reference. Rarely will it become necessary in an exploratory study to record other than relative lengths of grooves, at least in the early stages. Occasionally it will be desirable to count the cards showing certain characteristics and record the counts.

Not the least of the advantages of the visual-analysis cards is the fact that all of the operations can be performed by the person most interested in the work or responsible for the planning and direction of the work. When the final plans have been completed, the researcher knows from his own personal study of the cards what the results will be and that complete tabulations will furnish the statistical proof of his conclusions.

Knowing the relationship between the various characteristics of farms is a valuable aid in much of the work of the Agriculture Division of the Bureau of the Census. Presentation of results is being constantly improved through studies of relevancy, making the published data more valuable and more adaptable to the needs of the users of such data. In this connection, one of the principal advantages is the fact that after the cards have been prepared and tabulations originally planned have been completed, subsequent tabulations suggested by results of the originals can be made at comparatively low cost. The cards are drawn up in such manner that each card carries all of the information concerning a particular farm and/or family, and may be used in every conceivable combination or separation without further preparation.

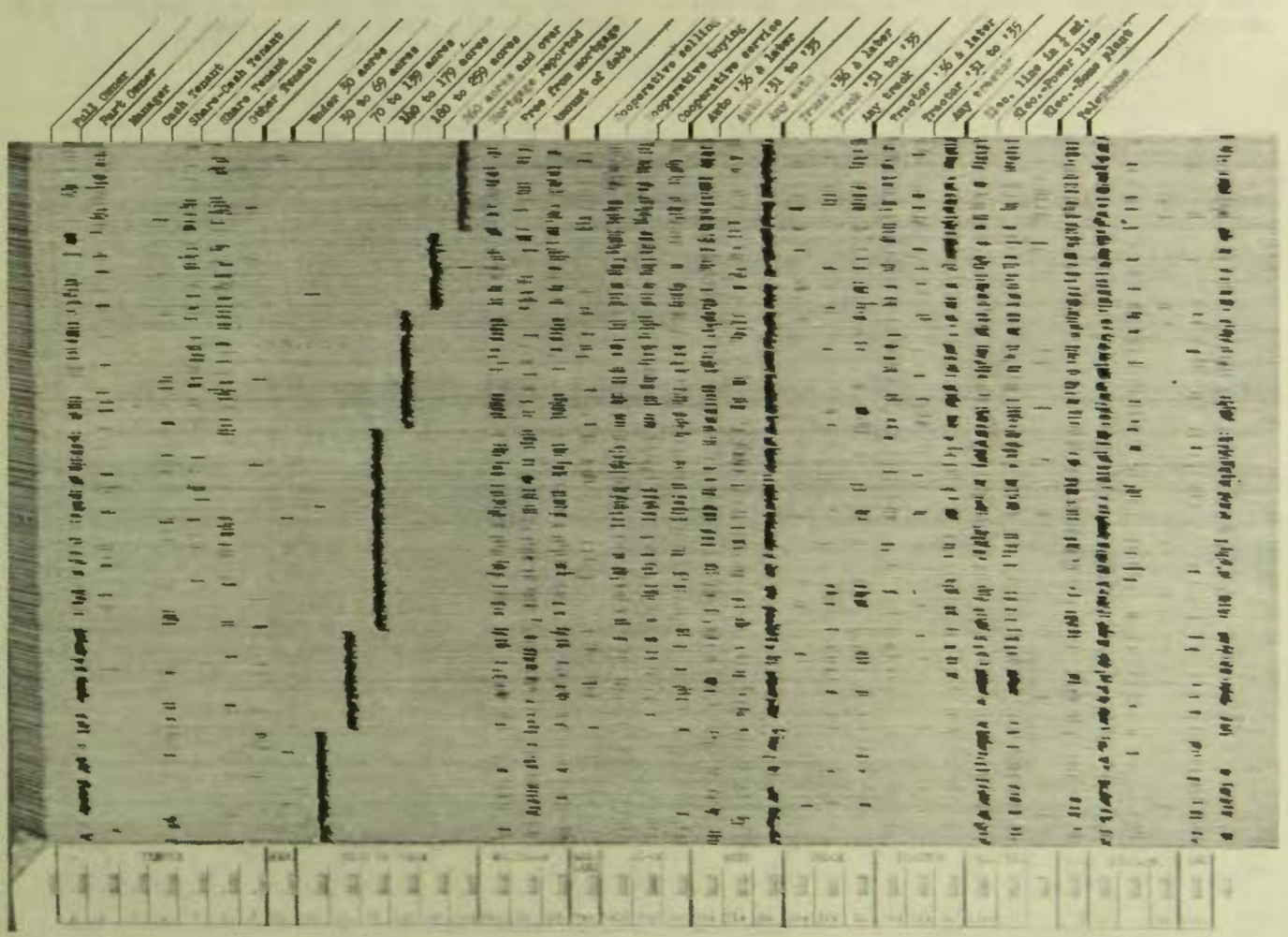


FIGURE 5.—Cards sorted to show the relationships existing between size of farm and selected characteristics.

In figure 6 is shown a layout of a card being developed for purely exploratory work in the Division of Agriculture of the Census. It is shown here merely as an example of such layout and to illustrate certain refinements not included on the cards used in the examples. It is strictly a visual-analysis card. In order to conserve space, many of the descriptive terms have been so shortened as to be unintelligible without a key unless the user is familiar with these terms. It can be seen readily, however, that provision has been made for coding and slotting on the outer edge of the card a much greater number of characteristics than was possible on the cards used in the other illustrations in this paper.

The card has two important features which distinguish it from cards designed primarily for tabulation purposes. Being a visual-analysis card, the arrangement of the bands, or frequency groups, in two lines of holes is definitely for the purpose of increasing the "visibility" of the relationships. Most of the bands in the outer row are combinations of two or more bands in the inner row. This serves to increase the group interval in frequency distributions without sacrificing the narrower groupings when a more detailed break-down becomes desirable. The wider intervals serve to avoid a scattered appearance when the range of relevancy may be within rather narrow limits. If too many bands are used in the outer row, there is a possibility that a relationship might pass unnoticed due to the fact that the slots for a particular characteristic might scatter among three groups, whereas if the three groups were combined, all would fall in the same slot. This feature is of greatest importance when the number of cards is limited. Another, and by no means small, advantage of the double line method of coding and slotting is that it greatly increases the capacity of the card.

The other feature of the card is the arrangement of the material on the body of the card designed to facilitate transcription and coding. Once these operations have been completed relatively little use is made of the figures themselves. Therefore, ease of locating and reading the transcribed items should be subordinated to ease of transcribing data to the card.

The cards used in the other illustrations accompanying this article are not exploratory to the same extent as the layout shown in figure 6, but for purposes of explaining the use of visual-analysis cards they will serve just as well. Only the items described earlier in this chapter will be noted. It can be seen readily, however, that a card prepared according to the sample layout would provide many more items for a study of relationships.

By way of bringing out the reliability of the patterns of characteristics as observed on the edges of sorted cards in a pack, the cards were equally divided in each size group and the halves assembled in two packs making two groups of cards sorted by size of farm (figure 7). With but slight variations in degree, exactly the same relationships appear in each half of this pack as were described in the explanation of figure 5. The size-of-farm pattern would, of course, be identical in both parts.

At this point it might be expected that all information had been obtained concerning relationships between size of farm and the items under observation. Except for the fact that each of the observations previously made can now be brought out in "bold relief" as it were, this is true. Not infrequently, however, in making an exploratory study, some of the observations are quite contrary to what was expected and the researcher desires further proof. If each of the relationships is approached through another avenue and similar results obtained, the added evidence is most welcome.

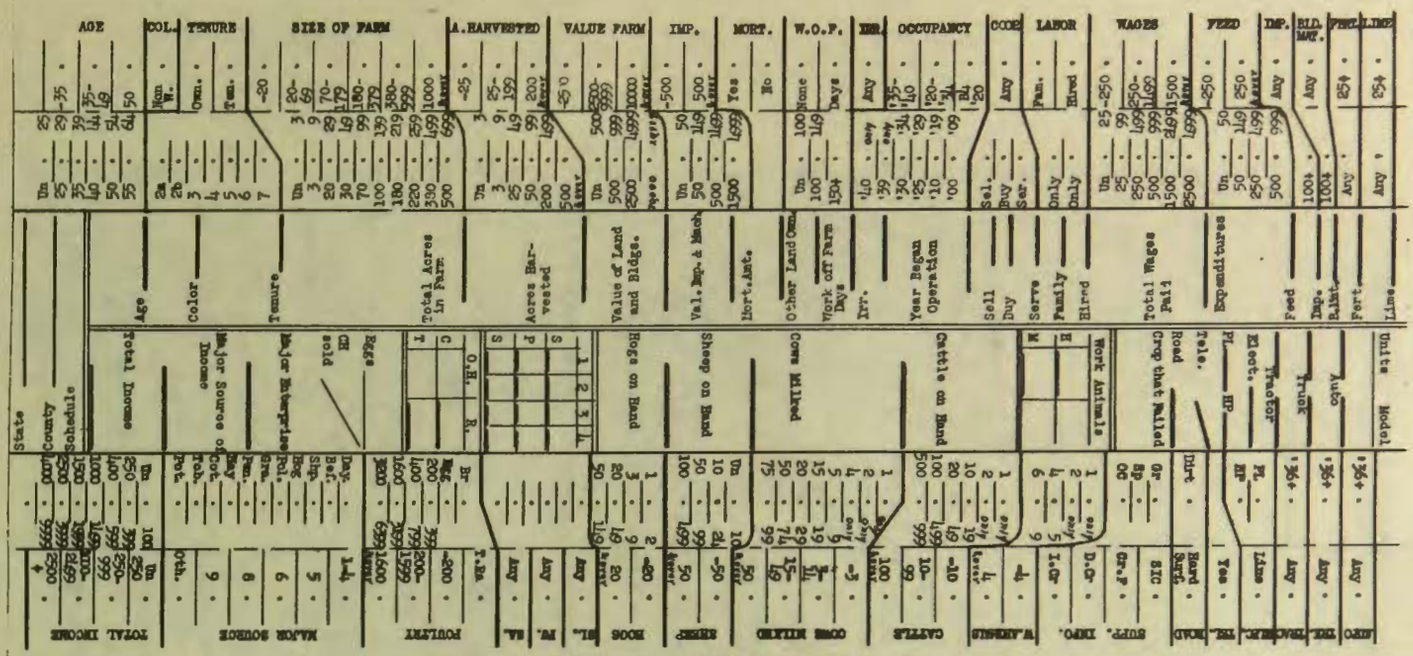


FIGURE 6.—Card designed primarily for visual-analysis purposes.

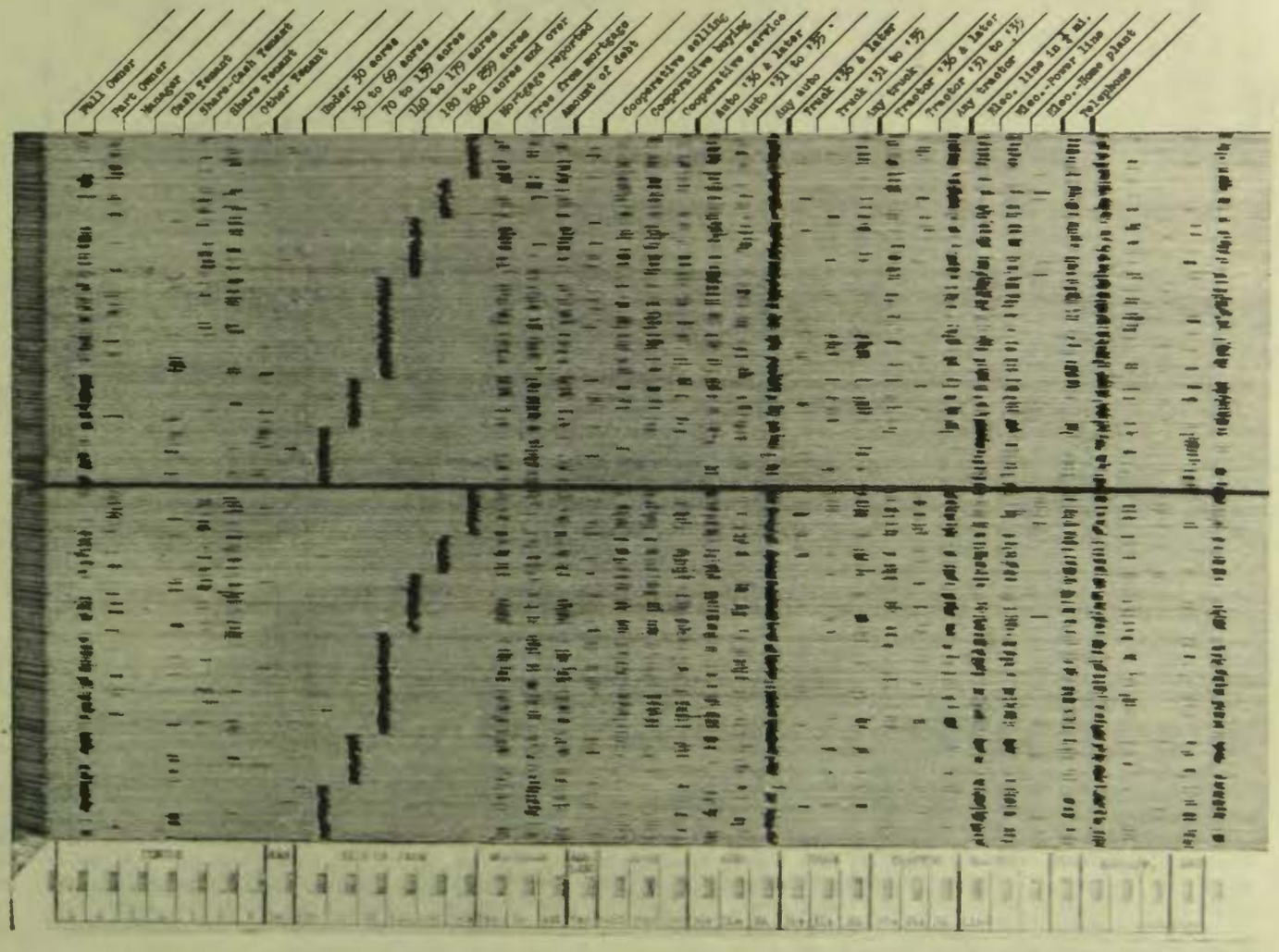


FIGURE 7.—Cards sorted first by size of farm, then each size group halved to illustrate the stability of the relationships visible.

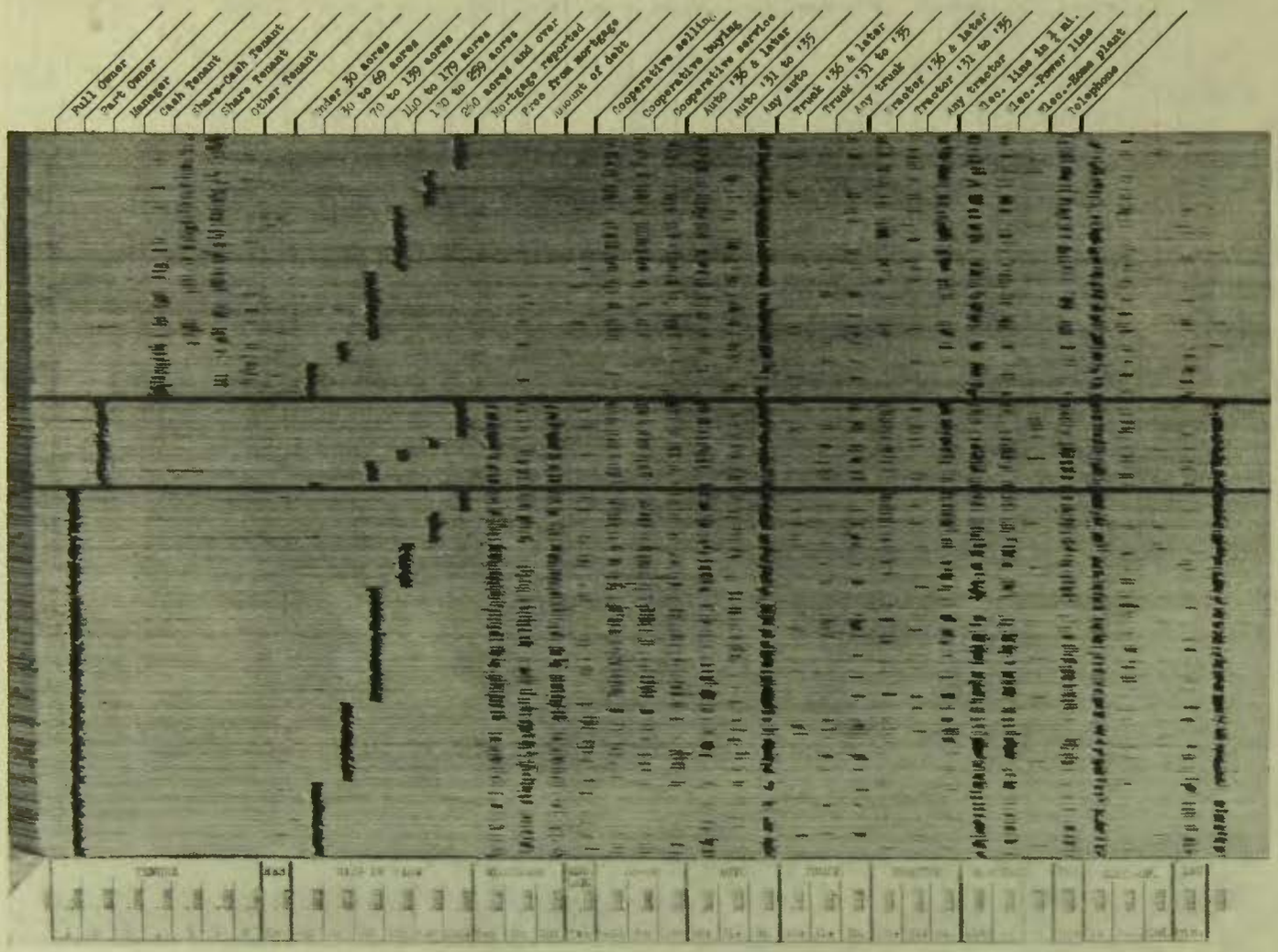


FIGURE 8.—Cards sorted to show the effect of tenure on size of farm; also, that some characteristics related to size of farm are not affected by tenure.

In figure 8 the cards have been sorted by tenure after the two halves of each size-of-farm group had been reassembled. It will be recalled that after the initial size sort, the full owners appeared to decrease as size of farm increased with the opposite trend for part owners. All of the full owners are now together in the lower section of the pack and all of the part owners in the center section. A direct comparison can be made of the size-of-farm patterns for each group. If the original observation is true, a comparison of the two patterns should show increasing proportions of each size group being represented in the part-owner section, starting with a relatively small portion in the smallest size group. This is exactly what is visible on the edges of the cards. The part-owner section shows only a very small proportion of the cards in the "Under 30" acre group, none in the "30 to 69" acre group, but above that point shows increasing proportions when compared with similar groups in the full-owner section.

In order to record this relationship for future reference (photographs such as these would be perfect if suitable equipment were easily available), the patterns of size of farm may be plotted. A simple and rapid method is to chart the different lengths of grooves in a manner that will show their changing relations. Figure 9 illustrates the changes taking place in the relative lengths of grooves as the farms increase in size.

A method requiring more time, but having the advantage of slightly greater accuracy, is an actual count of the cards in each group, and either plotting the values directly or expressed as a percentage of the total cards in each section.

At every sorting of the cards new concentrations of slots appear. Hence, no new sort should be made until all relationships are examined in the light of the current sort and compared with previous relationships noted. Beginning at the left of the pack, an item not mentioned before is the relationship of the different kinds of tenancy to size of farm. This is not an item in which we will continue to be interested in this paper, but is mentioned here as an example of the versatility of the system. Cash tenants represent the majority on the smaller farms, but practically disappear on farms of about 140 acres and up. Share-cash and share tenants occur in the reverse order, starting with farms of about 70 acres.

It is plainly evident in the mortgage block that a much higher proportion of part-owner farms are mortgaged than is true of full-owner farms.

The cooperative picture shows little relationship to tenure, the concentration of slots increasing with size of farm in each of the three groups of cards.

In the matter of automobiles, there is a definite tendency for more full owners to be without cars than for tenants. Considerably more than one-half of the group not reporting automobiles are full owners, while somewhat less than one-half of the group reporting automobiles are full owners. The next sort will be on automobiles and, if the sorting is carefully done in order to disturb the tenure sort as little as possible, this relationship will again be evident.

Trucks are reported most often on part-owner farms, and more often on full-owner farms than on tenant farms.

Tractors are reported more often on tenant and part-owner operated farms, which groups also have most of the larger farms.

Electricity seems available to full owners, part owners, and tenants alike, but is available more often to the smaller farms than to the larger farms.

The number of farms with telephones, again, increases with the size of farm.

In general, the same relationships are apparent as was true in the first summarization of relationships with some significant additions due to the tenure sort. The characteristics found to be related either directly or indirectly to tenure were size of farm, mortgage, automobiles, and, possibly, trucks and tractors.



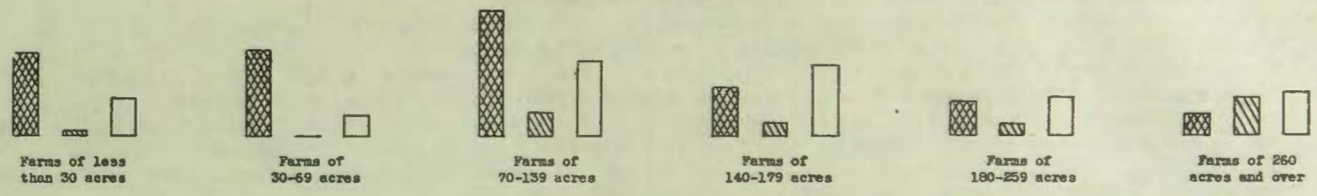


FIGURE 9.—Graphic illustration of the changes in number of farms by tenure which accompany changes in the size of farms used in these examples.

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In figure 10 the cards are shown sorted by automobiles reported and not reported. Sorts on mortgages and cooperative business were omitted in the interest of brevity. However, as was evident in figure 8, these characteristics need not be lost to sight.

In this sort we again have the different groups (two in this sort) returned to the size-of-farm sort in order to compose the patterns. The contrasting patterns in figure 11 plainly show that as the size of farm increases, the number of farms without automobiles rapidly decreases.

After beginning at the left for a check on relationships, the statement made in a preceding paragraph concerning the relationship of automobiles to tenure can be checked. Of the farms not reporting automobiles (cards below the heavy divider card) nearly two-thirds are full-owner farms. A glance at figure 8 shows that approximately one-half of all farms, included in the study, are full-owner farms. Or better than this by the use of a divider, the accumulated lengths of grooves representing full owners in each case can readily be obtained. Comparison will then show that while approximately two-thirds of the farms not reporting automobiles are full-owner farms, less than one-half of the farms reporting automobiles are full-owner farms.

On the other hand, it has already been noted that the larger farms are operated for the most part by other than full owners. Hence, the apparent relationship between tenure and automobile ownership may, in reality, be a relationship between size of farm and automobile ownership or both may be influenced by items not shown on the card. It is highly probable, however, that characteristics having to do with size of operations would be prominent in the list, of which size of farm is as a rule one of the most significant. Were several such items "visible" on these cards, the proper relationship could easily be discovered.

A natural impulse in a situation of this kind is to bring all like reports together in order to roughly measure the influence of a given characteristic. For example, following the sort shown in figure 10, on observing the relationship between automobiles reported and size of farm, it might seem desirable to sort for each size-of-farm group, the reports and nonreports for automobiles and note the relative number of slotted and unslotted cards in each group. In many cases this will be found desirable as new relationships will appear associated with the reporting (or nonreporting) of automobiles by size of farm. However, the number of groups of cards has been doubled and instead of a comparison between two size-of-farm patterns, the researcher must now compare six automobile patterns (one for each size-of-farm group). Added to this is the fact that owing to the fewness of cards in some of the groups, the observation would very likely be erratic.

In actual practice, it is usually found desirable when exploring the possibilities of the data to keep all or most of the cards in use in order that as many of the cards as possible be permitted to tell the story after each sort. In other words, if the primary purpose is to determine what items are related to size of farm, it is preferable to sort the cards each time in a manner to show the change made in the size-of-farm pattern. This has the advantage of keeping down the number of groups into which cards are sorted and also if the item on which the cards are sorted is not broken down into too many groups, the changes in the size-of-farm pattern may be plotted. On the whole, it systematizes the procedure. Any deviation from a specific procedure should be planned with a view to returning to the original with as little disturbance as possible to the previous sorts.

Returning to the discussion of relationships apparent after sorting the cards on automobiles, the following observations may be made concerning the farms represented by the cards used in these examples:

Fewer mortgaged farms are found among those not reporting automobiles.

Very little cooperative business is done from farms not reporting automobiles.

Trucks are reported no more frequently on farms without automobiles than on farms with automobiles.

The lack of desire for mechanization apparently carries over into tractors. Very few tractors are reported on farms without automobiles, even with size of farm given full consideration.

Availability of electricity decreases with increase in size of farm regardless of automobile ownership. But it is also quite obvious that electricity is available on a smaller proportion of farms not having automobiles than on those that do have.

Telephones seem somewhat scarcer on farms without automobiles, but are relatively more numerous on the larger farms in both groups.

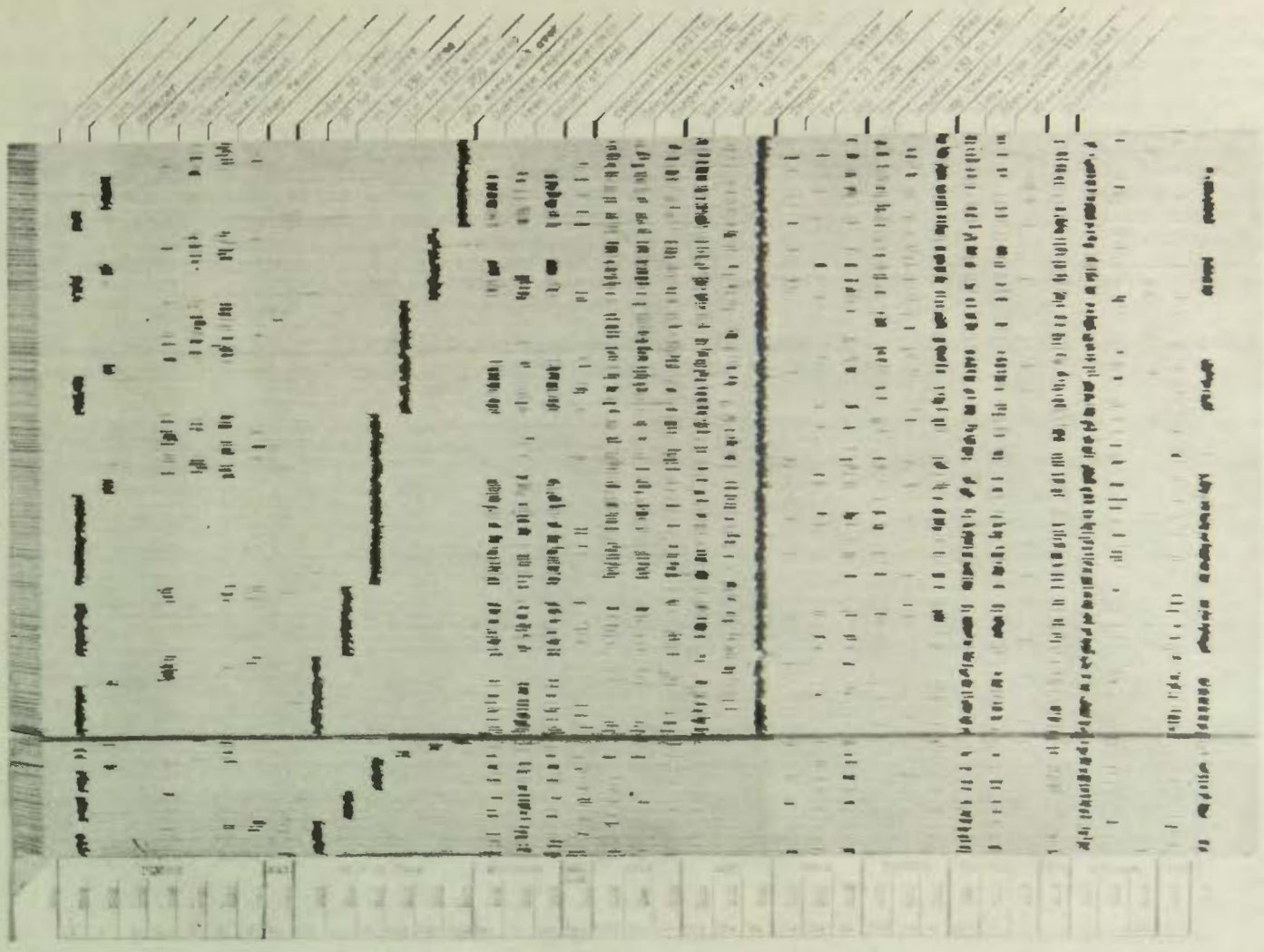

FIGURE 10.—Farms reporting automobiles compared with those not reporting automobiles. In these examples characteristics associated with large farms rarely appear on cards representing farms not reporting automobiles.

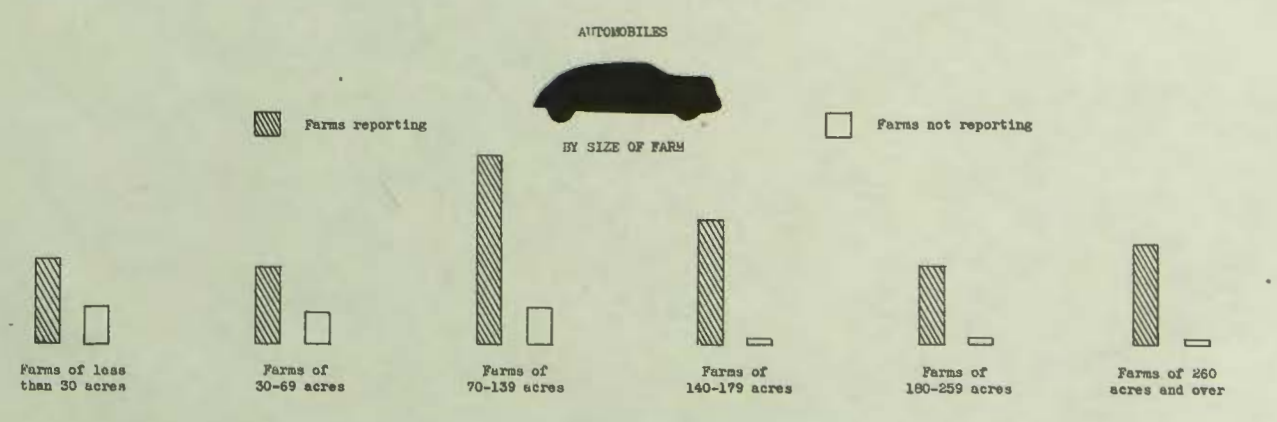

FIGURE 11.—Graphic illustration of the proportions shown in figure 10.

Of the items under observation, trucks have been less influenced by the different sorts than have the others. In figure 12 the cards are shown sorted according to whether or not a truck was reported; those indicating truck ownership are below the heavy line.

The chart shown in figure 13 indicates rather definitely that a greater proportion of farms in the larger sizes report trucks than do those in the smaller sizes.

A somewhat greater proportion of the farms not reporting trucks are mortgaged.

The distribution of farms doing business cooperatively is quite similar.

No significant difference is noticeable between automobile ownership in the two groups. Apparently about as many operators reporting trucks report automobiles as do those not reporting trucks.

A somewhat greater number of truck owners report tractors than is the case with those not owning trucks.

The availability of electricity appears somewhat different in the two groups. If anything, this item increases in frequency with increase in size of farm for farms reporting trucks, while for farms not reporting trucks, the opposite is true. As a factor to be included in a study of plane of living of the farm operators represented by those cards, this item should be included.

The distribution of telephones is practically the same for both truck owners and nonowners.

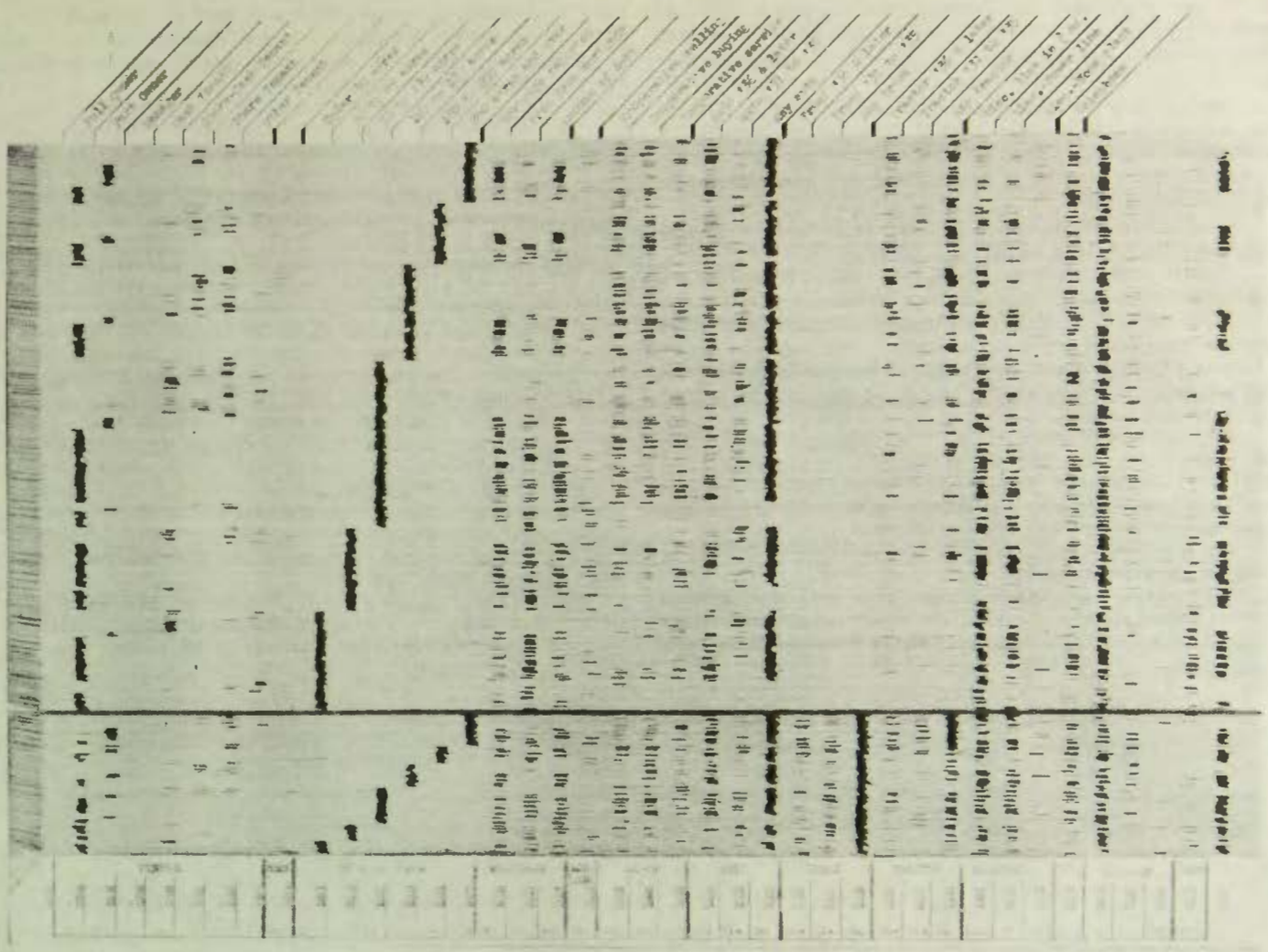

FIGURE 12.—Cards representing farms reporting trucks are shown below the heavy line.

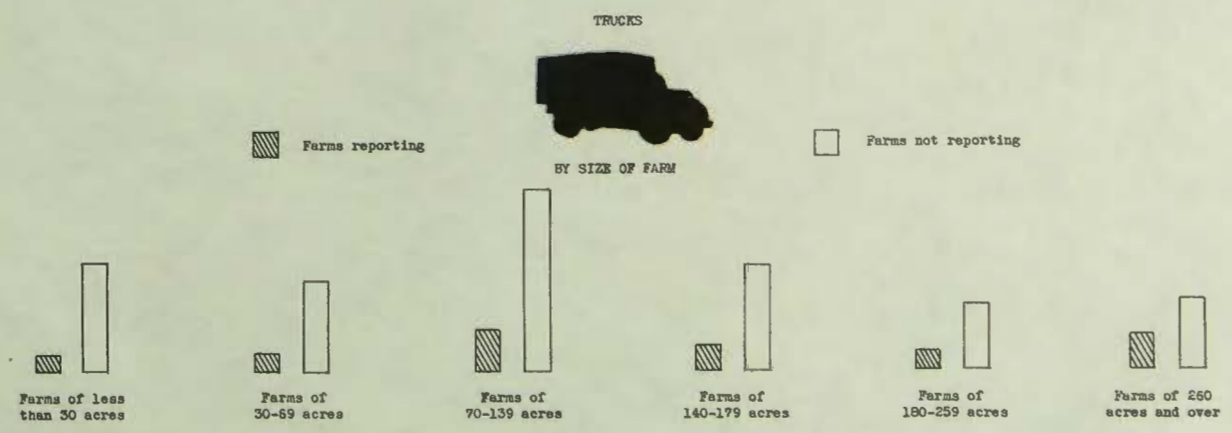

FIGURE 13.—Relative lengths of bars indicate the changing proportions in these examples of farms reporting trucks in six size-of-farm groups.

A sort of the cards by ownership of tractors (figure 14) shows a distinctly different size-of-farm pattern between tractor owners and nonowners. In figure 15 the respective patterns are in striking contrast.

Tractors are definitely associated with the size of farm.

A somewhat greater proportion of farms having tractors are mortgaged.

More tractor farmers do business through cooperatives than do nontractor farmers.

Practically all tractor farms have automobiles while many farms without tractors do not.

Tractor farms are more likely to have a truck than are nontractor farms.

Farms near an electric distribution line are more likely to have tractors.

Telephones are found more often on tractor-operated farms and seemingly with less regard to size of farm than is true of farms without tractors.

From the above observations, it is apparent that, among the operators represented by this sample, possession of a tractor is accompanied by a greater proportion of automobile and truck owners, and also operators with electricity available, than is true of operators without tractors.

The foregoing description of procedures is an attempt to clearly demonstrate the following:

1. By using an easily handled card or sheet, desired characteristics can be shown on the edges by assigning specific locations to each desired characteristic.
2. In this procedure slots are used to indicate the characteristics shown by the farm or operator in order that these same slots may be used in sorting the cards.
3. The slots on each card representing a farm form a distinctive pattern of characteristics for that farm.
4. When the cards are assembled in a pack and sorted into groups based on frequencies or bands, the grooves formed by the coincident slots form a pattern of that particular characteristic for the farms represented by the pack of cards.
5. Coincidence of slots representing characteristics other than the slot being used in sorting indicates relationships.
6. When a pack of cards is sorted according to any particular characteristic, the resulting concentrations of slots accompanying the primary sort furnish a pattern of characteristics for the farms represented.
7. When a pack of cards is sorted according to any particular characteristic, the greater the accompanying concentration of slots in any of the other characteristics, the closer the relationship between that characteristic and the one used in sorting. This is true providing, of course, that subsequent investigation does not disclose a variable that has been hidden up to that point.
8. Relationships are visible. Presence or absence of relationships is determined usually without tabulations other than occasional counting of the cards.

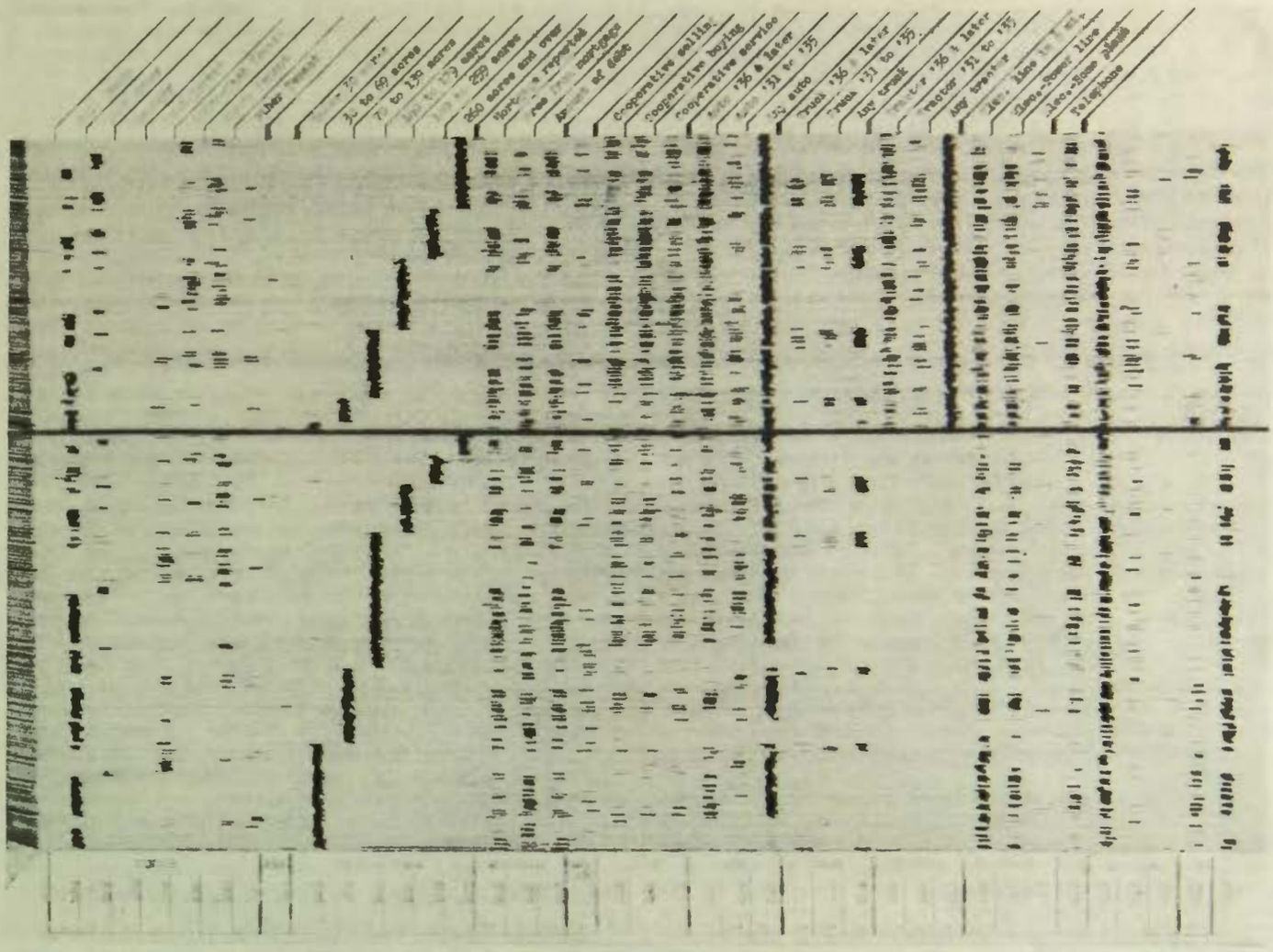

FIGURE 14.—Cards sorted to separate farms reporting tractors from those not reporting tractors. Cards used in these examples show most of the smaller farms in the nontractor group.

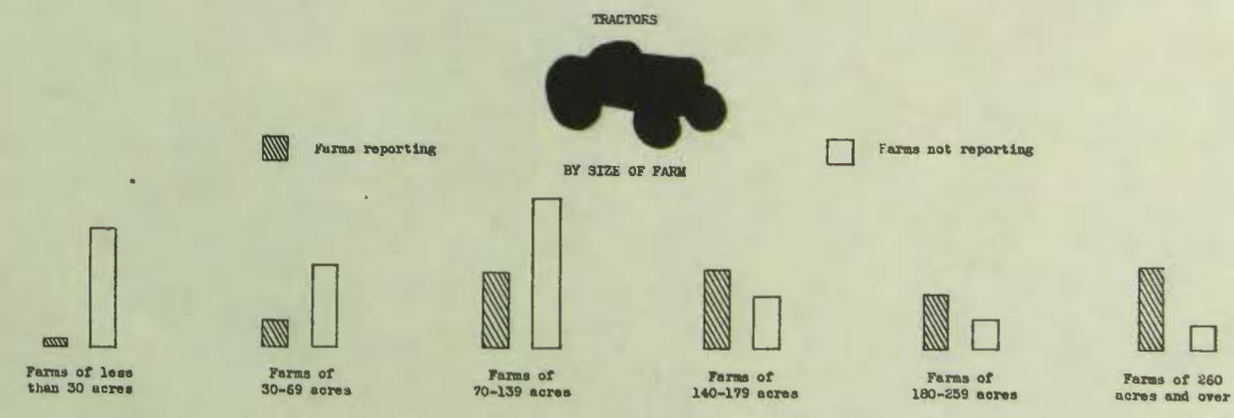

FIGURE 15.—Bar graph showing, for the farms represented by the cards in figure 14, the increase in proportion reporting tractors as the size of farms increase.

Figure 16 shows the cards sorted by progressive selection, a method which successively selects farms on the basis of specified characteristics. In this particular sorting the problem was to study the outstanding characteristics of "power" farms—those reporting possession of automobiles, trucks, and tractors, and also having electricity available.

The steps as far as shown in the illustration were predetermined, but it can readily be seen that by using a larger number of cards, particularly cards prepared in a manner to have more characteristics visible on the edges, a study of related characteristics would be rapid and accurate.

An outstanding feature of this method is the fact that an accumulation of characteristics is visible at all times. In any method it is usually necessary to do much trial and error grouping as the various related items are considered. By the use of visual-analysis cards, this exploratory grouping becomes a method of study with no chance of losing sight of any important item. No laborious labeling of different piles is necessary, neither is any great amount of space required. The groups of cards are self-labeled and any particular group may at any stage of the process be incorporated with another group. Negative groups may be investigated from time to time as a check on the direction the study is taking. As an illustration of this point, after determining a number of characteristics of power, it might be enlightening to compare these with the presence or absence of similar characteristics of farms not reporting some of the power items. This could be done quickly by running through the negative group in the same manner as the positive group. If some of the characteristics which were apparently related to power farms also appeared in significant strength in the nonpower group, this fact would be instantly visible. In addition, their comparative influences could be easily measured and the presence of intercorrelation could be determined.

With a large number of characteristics carried on the cards, the relationships and interrelationships become a fascinating study. For example, consider the occasional item which is related to the primary sort only when accompanied by a third item. A case in point would be farms reporting home plants for the production of electricity. Some of these farms have electricity available from a power line and some do not. It can be seen readily that the associations to be noted in the group reporting home plants with electricity available from a power line could be very different from those reporting home plants without the power line. The possession of a home plant when electricity was not available from a power line might be a characteristic associated with progressive farms, while the reporting of a home plant when electricity was available from a power line might mean just the opposite. Such interrelationships are extremely difficult to keep in mind by hand grouping of reports or by mechanical sorting of cards, but by the use of visual-analysis cards they can hardly be lost to sight.

No attempt has been made in this article to evaluate the importance of visual analysis to statistical research or to any kind of research. To the researcher who has long struggled with the innumerable problems involved, some of the advantages of visual analysis will be immediately obvious. It is believed that actual use of the system will convince even the most skeptical that it is a worthwhile contribution to an important field of human endeavor.

The possibilities in the use of visual analysis have by no means been explored to the limit. On the contrary, the possible uses of the system are probably little realized. With anything so fundamental as a knowledge of relationships to proper understanding and evaluation in problems of research, any improvement in procedure that will contribute to this knowledge is a valuable addition. Many projects heretofore started on the basis of conjecture or, in many cases, pure guesswork, can now be carried through from the start on a sound basis.

The present article has been devoted to the use of visual analysis in purely statistical studies. This is by no means its only application. It is adapted to studies in the fields of sociology and economics, in summarizing and analyzing the results of experimental work of many kinds, and in personnel management, to mention just a few. Used in personnel studies, for example, with a card for each employee, the card provided with means of indicating by slots as many as possible of the characteristics associated with the employee and his job, it is obvious that there can be no practical limit to the amount of exact information that could be obtained. A sort of cards on the basis of age, for example, could well list the specifications of jobs best suited for the different age groups. Or sorted according to education, determine the value of education in the various jobs. Or, in the case of a large factory, all of the cards showing accidents could be segregated and the group compared with the no-accident group. Immediately, several factors of influence in accident prevention would be visible.

The cards shown in the illustrations in this chapter were used in connection with a special job done for the Meredith Publishing Company of Des Moines, Iowa. A card somewhat similar is being used in connection with special work for Magazine Marketing Service of New York City. Samples of the uses made of material assembled for these agencies are shown in chapter III, "Uses of Agriculture Statistics in Business and Research," of this publication.

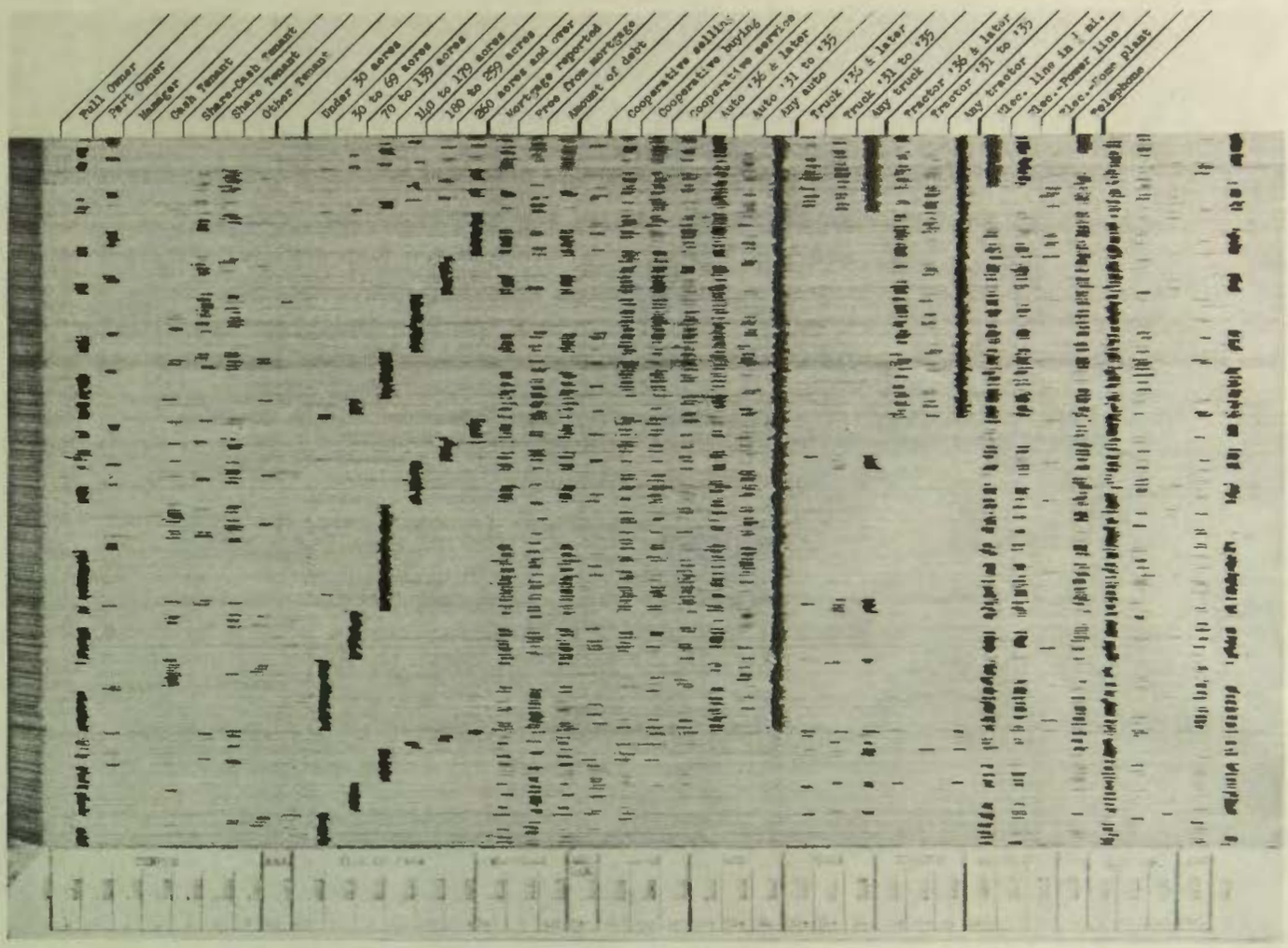

FIGURE 16.—Progressive selection. Final group of cards, shown at top, represents farms reporting automobiles, tractors, and trucks, and having electricity available.