

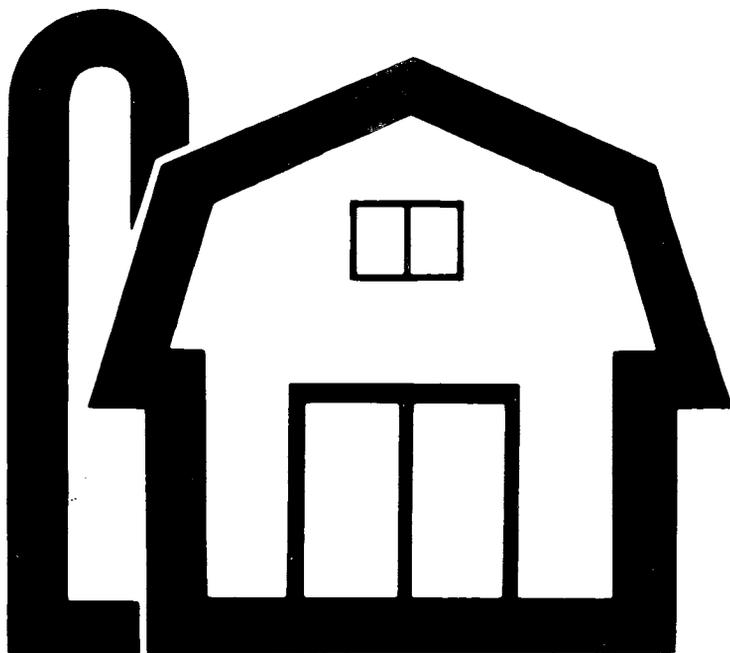
1982 Census of Agriculture

AC82-SS-1

Volume 2
SUBJECT SERIES

Part 1

Graphic Summary



U.S. Department of Commerce
BUREAU OF THE CENSUS

The publications
from the 1982 Economic and
Agriculture Censuses are dedicated
to the memory of Shirley Kallek,
Associate Director for Economic Fields.
During her career at the Bureau of the
Census (1955 to 1983), she continually
directed efforts to improve
the timeliness and accuracy of
economic statistics.

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Issued October 1985



U.S. Department of Commerce
Malcolm Baldrige, Secretary
Clarence J. Brown, Deputy Secretary
Sidney Jones, Under Secretary for
Economic Affairs

BUREAU OF THE CENSUS
John G. Keane,
Director



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This report was prepared in the Agriculture Division under the general supervision of **John H. Berry**, Chief, his successor, **Charles P. Pautler, Jr.**, and **George E. Pierce**, Assistant Division Chief. **Douglas J. Miller** assisted by **Francis D. Tolson** was directly responsible for development of the subject matter content, review of the data displayed on the maps, and preparation of the text. **Diane J. Simmons**, **Morris A. Murray**, and **Wilma C. Tarry** under the direction of **Billy E. Stark**, Branch Chief, were responsible for the computer programming. **Cecelia H. Peets**, **Karin G. Beach**, and **Janet T. Robertson** provided publication's liaison and editorial services.

The maps were prepared by Geography Division under the direction of **Robert Marx**, Chief; **Silla Tomasi**, Assistant Chief for Operations; and **Frederick Broome**, Chief for Mapping Operations Branch. **Charlene Bickings**, **Dana Fairchild**, **Fred Fricker**, **Ann Goulette**, and **Jim Watson** under the direction of **John Loikow**, Section Chief, were responsible for the map production.

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Members of various agencies of the U.S. Department of Agriculture provided advice and counsel during the planning, data collecting, and

processing phases of the census, and assisted farmers and ranchers who requested help in completing the report form.

Special tribute is paid to the millions of farm and ranch operators and other agriculture-associated people who furnished the information requested in the census. Only through their cooperation was it possible to collect and publish the data in this report.

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CENSUS COVERAGE

Although a complete and fully accurate count of farms, farmland, and farm production is the aim of each nationwide census of agriculture, the complex structure of America's agriculture makes this goal difficult to achieve. Among the complexities are the many places to be enumerated, the variety of arrangements under which farms are operated, the continuing changes in the relationship of farm operators to the land operated, the expiration, initiation, or renewal of leases, obtaining a complete listing of all agricultural operators, the difficulty of locating and identifying some farms, the operator's absence during mail efforts and followup procedures, and the operator's opinion that some or all of his agricultural operations should not be included in the census.

LIMITATIONS OF DATA

Every census or survey has some errors. These can arise from incorrect or incomplete reporting, incorrect processing, and the inability to obtain a response from all farmers.

Reported data may be incorrect due to misunderstanding of questions or the use of estimates in reporting. During processing, adjustments are made to data items which appear to be inconsistent with other items. Some respondents fail to provide all of the information requested. In some cases, the respondent may indicate the presence of an item but not the amount. Imputations are made for missing data on the quantities and sales values of crops and livestock, but not for such items as direct sales, Commodity Credit Corporation (CCC) activity and agricultural services provided others.

For a detailed description of coverage and data limitations, see volume 2, Part 2 Coverage Evaluation, of the 1982 Census of Agriculture.

USE OF SAMPLING

Some data items were collected from only a sample of farms. Data based on a sample are subject to sampling error. Detailed discussions of the census report forms, the use of sampling, and estimates of sampling error are included in appendix A, Volume 1, Geographic Area Series.

AUTHORITY, AREA COVERED, AND HISTORY

The 1982 Census of Agriculture was taken in accordance with the provisions of title 13, United States Code (Public Law 93-86). Sections 142 (a) and 191 of title 13 provide for a census of agriculture every 5 years in each State, the District of Columbia, Puerto Rico, Guam, and the Virgin Islands. The 1982 census is the 22d nationwide census of agriculture and the 4th conducted primarily by mail.

SOURCES OF INFORMATION

The data used in preparing the charts and maps shown were obtained from the 1982 Census of Agriculture. Detailed statistics for States and counties may be found in Volume 1, Geographic Area Series, of the 1982 census reports. Data from 1978 and 1982 were derived from the corresponding mail enumeration.

FARM DEFINITION

The current farm definition used for statistics in this report was announced on August 12, 1975, and defines a farm as any place from which \$1,000 or more of agricultural products were sold or normally would have been sold during the census year.

METHOD OF ENUMERATION

The 1982 Census of Agriculture was conducted primarily by mail for maximum economy, appendix A of Volume 1, Geographic Area Series, provides a more detailed description of how the 1982 census was taken.

EXPLANATION OF MAPPED DATA

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SUMMARY OF MAPPED DATA

The maps in this report show data only for 1982, except for those showing increase or decrease. The 1982 total for each item mapped is shown at the end of this section along with the comparable 1978 total.

Data on acreages and inventories for 1982 and 1978 are generally comparable. Dollar figures shown for expenses and agricultural product sales have not been adjusted for changes in price levels between census years.

FARMS

All farms—Denotes all places on which agricultural operations were conducted at any time in the census year under the day-to-day control of an individual management, and from which \$1,000 or more of agricultural products were sold or would normally have been sold in 1982.

Farms with sales of \$10,000 and over—Denotes farms with sales of agricultural products amounting to at least \$10,000, excluding farms such as prison farms, hospital farms, church farms, school farms, experimental farms, Indian reservations, and grazing associations.

VALUE OF LAND AND BUILDINGS

The value of land and buildings reported for the census is the farm operators estimate of market value; i.e., the price for which the land and buildings would sell at the time the census was taken. If the value of land and buildings was not reported

or was incomplete, an estimate was supplied during processing by using the average value per acre of land and buildings for farms of approximately the same size having similar characteristics in the same area.

The total value of land and buildings for all farms in the United States was \$774 billion. The average value per farm was \$345,869, and the average value per acre was \$784.

For many groups of counties in the West, the maps exhibiting value of land and buildings per farm show reverse patterns as compared with maps showing value of land and buildings per acre; i.e., many counties in high value-per-farm categories appear in low value-per-acre categories. This reverse relationship between the two pattern maps happens because a large proportion of land in farms is comprised of low value-per-acre rangeland, and the extremely large average size of the farms and ranches offsets the low average-per-acre value, resulting in high average-per-farm values.

SIZE OF FARMS

Although the number of farms in the United States has dropped drastically in the last 40 years, the acreage of land in farms has changed only moderately; as a result, the average size of a farm is now nearly two and one-half times what it was in 1945.

The trend since 1945 until the 1978 census had been a decrease in the number of farms for each of the size groups under 500 acres and an increase in the number of farms in size groups over 500 acres. However, the results of better coverage for 1978 and 1982, along with growth in part-time farm numbers in many areas, show an increase in farms less than 100 acres in size. Part of this is due to the inflationary effect on the value of sales resulting in more places being classified as farms.

Size of farm measured only by acres operated is often not a complete measure of the size of the farm business due to large variations in the productivity of land or in the intensity of activity. For example, average value of farm products sold per acre of farmland can vary from such extremes as \$1,864 per acre in Suffolk County, NY, to less than \$11 per acre in Elko County, NV.

STANDARD INDUSTRIAL CLASSIFICATION OF FARMS

All agricultural establishments (farms, ranches, nurseries, greenhouses, etc.) in the 1982 census were classified by type of principal activity or activities using the standard industrial classification system.

In order for a farm to be classified within a particular industry, the value of sales in 1982 from a product or group of products had to represent 50 percent or more of the total value of sales of agricultural products sold.

Cash Grain Farms (011)

These farms receive 50 percent or more of their total sales from wheat, rice, corn, sorghum, soybeans, other small grains, cowpeas, dry field and seed beans and peas, popcorn, lentils, and mustard and safflower seed.

Cash grain farms increased in number from 573,798 in 1978 to 576,548 in 1982. They comprise 25.7 percent of all farms. They average 499 acres in size and \$58,525 in value of agricultural products sold. The greatest concentration of cash grain farms is in the Midwest, where corn and soybeans are the principal crops sold.

Wheat farms (0111)—Wheat farms are cash grain farms which receive 50 percent or more of their total sales of agricultural products from wheat. They account for 16.7 percent of the total cash grain farms and average 958 acres in size and \$50,789 in value of agricultural products sold. The largest concentration of wheat farms is in the Dakotas, Nebraska, Kansas, Oklahoma, Montana, Washington, and Oregon.

Rice farms (0112)—Rice farms are those which receive 50 percent or more of their total value of agricultural products sold from rice. They average 841 acres in size and \$159,469 in value of agricultural products sold. They are primarily located in Arkansas, Mississippi, Louisiana, California, and on the gulf coast of Texas.

Corn farms (0115)—Corn farms are those which receive 50 percent or more of their total sales from corn. They comprise 30.6 percent of the cash grain farms and 7.9 percent of all farms. They average 332 acres in size and \$62,318 in value of agricultural products sold. These farms are mostly concentrated in the East North Central States.

Soybean farms (0116)—Soybean farms are those which receive 50 percent or more of their total sales from soybeans. They account for 22.5 percent of the cash grain farms and 5.8 percent of all farms. They average 275 acres in size and \$34,906 in value of agricultural products sold. They are primarily located in the Midwest¹ States, east of the Mississippi River, and along the Mississippi River in Missouri, Arkansas, Tennessee, Mississippi, and Louisiana.

Field Crops, Except Cash Grains (013)

Cotton farms (0131)—Cotton farms are those which receive 50 percent or more of their sales from cotton. Cotton farms average 836 acres in size and \$149,767 in value of agricultural products sold. They are located almost entirely in the South and in irrigated areas of the Southwest. About 73 percent of the bales of cotton harvested comes from places classified as cotton farms.

Tobacco farms (0132)—Tobacco farms are those which receive 50 percent or more of their total sales from tobacco. These farms comprise 5.9 percent of all farms. They are the smallest, both in terms of average size (105 acres) and value of sales from agricultural products sold (\$21,196). Nearly all tobacco

farms are in six Southern States—North Carolina, South Carolina, Virginia, Kentucky, Tennessee, and Maryland. Over 78 percent of all tobacco harvested on farms comes from tobacco farms.

Sugar crop farms (0133)—Sugar crop farms are those which receive 50 percent or more of their total sales of agricultural products from the sale of sugar beets or sugarcane. They average 904 acres in size and \$334,824 in value of agricultural products sold. These farms are located in the irrigated areas of the Western States (sugar beets) and in Florida, Louisiana, and Hawaii (sugarcane).

Irish potato farms (0134)—These farms receive 50 percent or more of their total sales from the sale of Irish potatoes. They average 579 acres in size and \$213,872 in value of farm products sold. Most of them are located in Maine, Idaho, and North Dakota.

Vegetable and Melon Farms (016)

Farms are classified in this group if 50 percent or more of their total agricultural sales are from the sale of vegetables or melons. They are widely scattered, with significant concentrations in California, Michigan, Wisconsin, New Jersey, New York, Florida, and Texas. The production of vegetables and melons is concentrated on a relatively small number of large, highly specialized farms.

Fruit and Tree Nut Farms (017)

Fruit and tree nut farms receive 50 percent or more of their total value of agricultural sales from berries, grapes, tree nuts, citrus fruits, deciduous tree fruits (apples, peaches, pears, etc.), and other fruits and nuts (pineapples, olives, dates, etc.). These farms are highly specialized in that they account for 94.3 percent of the value of all fruits, nuts, and berries sold and 86 percent of all land in orchards on all farms.

Horticultural Specialty Farms (018)

A horticultural specialty farm must receive 50 percent or more of its total sales from the sale of ornamental plants, nursery products, and food crops grown under cover. This type of farm tends to be located close to large urban areas.

General Farms, Primary Crop (019)

Any farm receiving 50 percent or more of its total value of sales of agricultural products from crops, but less than 50 percent from products of any other single crop group, is classified as a general farm, primary crop.

Livestock, Except Dairy, Poultry, and Animal Specialties (021)

These farms receive 50 percent or more of their total value of agricultural products from the sale of beef cattle, hogs, sheep, and goats.

Beef cattle feedlots (0211)—Beef cattle feedlots are farms which receive 50 percent or more of their total sales of agricultural products from the sale of beef cattle fattened for a period of at least 30 days. This group includes beef cattle which are fed on a contract or fee basis.

¹ Formerly North Central.

Beef cattle farms, except feedlots (0212)—Beef cattle farms, except feedlots, derive 50 percent or more of their total value of agricultural products sold from the sale of nonfattened beef cattle.

Hog farms (0213)—Hog farms derive 50 percent or more of their total value of agricultural products sold from the sale of hogs and pigs. These farms are most concentrated in the corn belt States.

Sheep and goat farms (0214)—Sheep and goat farms receive 50 percent or more of their total value of agricultural products sold from the sale of sheep, goats, goat's milk, wool, and mohair. These farms are primarily located in Texas, California, and other Western States.

Dairy Farms (024)

Dairy farms receive 50 percent or more of their total value of agricultural products sold from the sale of milk and cream. In addition, farms with 30 percent or more of total sales from milk and cream are classified as dairy farms provided that milk cows represent 50 percent or more of the total cows, and the value of dairy products sold plus the value of cattle and calves sold amount to 50 percent or more of the total value of all agricultural products sold.

Poultry and Egg Farms (025)

Poultry farms are those which receive 50 percent or more of their value of sales of agricultural products from chickens, chicken eggs, broilers, turkeys, turkey eggs, hatched chicks, and other poultry and poultry products. Poultry farms account for 97.7 percent of the value of sales of all poultry and poultry products, 98.9 percent of broilers sold, and 98.0 percent of turkeys sold. Although poultry farms are found throughout the country, their greatest concentration is in the broiler producing areas of Arkansas, Georgia, Alabama, North Carolina, Mississippi, Maryland, and Texas.

Animal Specialty Farms (027)

Animal specialty farms are those which receive 50 percent or more of their total value of agricultural sales from the sale of furbearing animals, rabbits, horses, mules, donkeys, ponies, honey, fish, worms, and other animal specialties.

General Farms, Primarily Livestock (029)

These farms receive 50 percent or more of their value of agricultural products sold from the sale of livestock and livestock products, including animal specialties, but less than 50 percent from any single livestock or livestock product group.

VALUE OF SALES

The value of sales represents the gross market value before taxes and production expenditures of all agricultural products sold or removed from the place in 1982 regardless of who received or shared in the payment. It includes receipts by the operator as well as the value of any shares received by partners, landlords, contractors, and others associated with the place.

This report uses the following value of sales classifications:

\$250,000 or more
\$100,000 to \$249,999
\$40,000 to \$99,999
\$20,000 to \$39,999
\$10,000 to \$19,999
\$5,000 to \$9,999
\$2,500 to \$4,999
\$1,000 to \$2,499

Places having less than the minimum \$1,000 sales in the census year were counted as farms if they could normally be expected to produce agricultural products in sufficient quantity to meet the requirements of the definition.

TENURE AND CHARACTERISTICS OF OPERATORS

Tenure

Tenure classifications used are:

Full owners—Operators who operate only the land they own.

Part owners—Operators who operate land they own and also land they rent from others.

Tenants—Operators who operate only the land they rent from others (or work on shares) for others.

Occupation of Operator

The 1982 census is the third in which information was collected on the operator's principal occupation. Each farm operator was asked to classify his or her principal occupation as "Farming" or "Other" according to which occupation accounted for the majority (50 percent or more) of the operator's worktime in 1982. For partnerships, the worktime of all of the members of the partnership together was considered in determining principal occupation.

TYPE OF ORGANIZATION

The 1982 census is the fourth in which farm operators were asked to indicate the type of organization under which their farm was operated. The four classifications used for type of organization are:

1. Individual or family operation (sole proprietorship), excluding partnership and corporation.
2. Partnership operation, including family partnership
3. Corporation, including family corporations.
4. Other, including farms operated as cooperatives, estates and trusts, and abnormal farms such as institutional farms, Indian reservations, grazing associations, and experimental farms.

LAND IN FARMS AND LAND USES

Land in farms—Each farm operator determined acres of land in farm by adding any acreage owned to any acreage rented from others then subtracting any acreage rented to others. Land in farms consists primarily of agricultural land, i.e., land used for crops and pasture or grazing. Also, it includes acres of woodland, wasteland, and some cropland not actually

under cultivation nor used for pasture or grazing. In general, all grazing lands were to be included as land in farms except lands used for grazing livestock under permit or special license on a per-head-of-animal unit basis.

Total cropland—This includes the sum of acreage for cropland harvested, cropland used for pasture or grazing, cropland used for cover crops, cropland on which all crops failed, cropland in cultivated summer fallow, and idle cropland.

Harvested cropland—This includes all land from which crops were harvested, including hay cut, and all land in orchards, citrus groves, and nursery and greenhouse products.

Pastureland—This is the sum of all types of pastureland. It includes cropland used only for pasture or grazing, woodland pastured, and other pastureland and rangeland.

Irrigated land—This is land in farms watered for agricultural purposes by artificial means.

MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD

Farm operators were asked to report the market value of all agricultural products sold from the place in 1982. All sales of agricultural products during the year were to be reported regardless of when the crop was harvested or when livestock or their products were raised or produced.

Data for the sales of farm products represent total sales for the entire farm regardless of who shared the receipts. For tenant-operated farms, the landlord's share of the agricultural products was considered as sold provided the products were moved off the tenant farm. Contract producers were to report estimates of the market value of the commodities produced rather than the amount received from the contractor.

DIRECT SALES

Direct sales is the value of agricultural products produced and sold directly to individuals for human consumption. This includes the sales of any crops, such as vegetables, fruit, cattle, hogs, sheep, chickens, turkeys, milk, cream, eggs, etc. Sales from roadside stands, farmers' markets, pick your own activities, etc., were to be included.

CUSTOMWORK AND OTHER AGRICULTURAL SERVICES

This includes the gross amount received before taxes and expenses for any customwork performed for others such as plowing, planting, spraying, harvesting, preparing products for market, etc., for which the farm operator was paid.

FARM PRODUCTION EXPENSES

Farm production expenses are expenses paid by anyone for the production on the farm of crops, poultry, livestock, and other agricultural products. Tenant farmers were instructed to report expenses by landlords for agricultural operations on the farm as well as their own expenses. Farm operators who rent part of their land to others were to report only those

expenses applicable to the land they actually operated. Contract producers who produced crops, poultry, or livestock for others under contract were to report the estimated cost of all items furnished by the contractor. These items were asked on a sample basis. Further explanation and sample reliability can be found in appendix A in volume 1.

HIRED FARM LABOR

The number of hired farm workers includes all persons hired to do farm or ranch labor for cash payments. This labor may include everyone from regular farmwork to record keeping necessary to the agricultural operation. Members of the farm operators' families were included if they received cash payments. Workers working for contractors under contract to the farm operator, salaried corporation officers, unpaid family members, and persons employed by a labor contractor were excluded. Operators of hired machines were excluded if their pay was included in the cost of the customwork.

Considerable duplication exists in the count of hired workers reported working 149 days or less. Many are seasonal workers in vegetable and fruit producing areas. In the census statistics, the same workers may be counted several times as they move from farm to farm. These items were asked on a sample basis. Further explanation and sample reliability can be found in appendix A in volume 1.

MACHINERY AND EQUIPMENT ON PLACE

Farm operators estimated the market value of all machinery and equipment usually kept on the farm and used for the farm business. The reported value represents an estimate of how much the machinery and equipment would sell for in its present condition, not the replacement cost or the depreciated value.

Inventory of selected items of farm equipment includes only the equipment owned, leased, rented, or temporarily borrowed from others that was on the farm on December 31, 1982, and that was used for the farm business in 1981 or 1982. These items were asked on a sample basis. Further explanation and sample reliability can be found in appendix A in volume 1.

AGRICULTURAL CHEMICALS USED

Fertilizer—Data on acreage fertilized were collected for harvested cropland and for cropland pasture and other pastureland. When the same crop was fertilized two or more times, the acreage was to be reported only once. If two different crops or two different plantings of the same crop were harvested in 1982 from the same acreage, the acreage of each crop or planting fertilized was to be reported only once.

Lime—Data include acreage limed and tonnage of lime and liming materials applied to the soil in 1982. Gypsum, land-plaster, and lime used for spraying or sanitation purposes are excluded.

Other agricultural chemicals—Data include the cost of insecticides, herbicides, fungicides, nematicides, and other pesticides and chemicals used on the farm in 1982. This data excludes the cost of application.

Acres treated more than one time with the same chemical is included only once. However, the cost of all the materials

applied was to be reported. When multipurpose chemicals were used, the acreage treated for each purpose was included. These items were asked on a sample basis. Further explanation can be found in appendix A in volume 1.

ENERGY EXPENSES

Farm operators were instructed to report the cost of major types of energy and petroleum products used for the farm business. This was the second census where electricity expenses were obtained as a separate item. These items were asked on a sample basis. Further explanation and sample reliability can be found in appendix A in volume 1.

LIVESTOCK AND POULTRY—INVENTORY AND SALES

Inventory—Livestock and poultry inventories are reported as of December 31, 1982. These include all animals kept on the place regardless of ownership, including livestock or poultry being custom fed or fed on contract for others.

Sales—Livestock and poultry sold include all animals sold or removed from the place during the year regardless of ownership. Those sold for a landlord or given to others in trade or in payment for goods and services as well as those custom fed for others were to be included. Animals bought and sold within a 30-day period were to be excluded.

The value of livestock and poultry sold represents the gross sales value before deducting any marketing or production costs. For livestock or poultry fed under contract for others, the estimated market value is at the time they were taken from the place.

CROPS

In 1982, sales of crops including nursery products and hay amounted to \$62.3 billion which accounted for 47.2 percent of the value of all agricultural products sold.

Crops harvested—In 1982, nearly all of the acres reported for individual crops represent acres harvested except for a small part of the acreage of corn, sorghum, peanuts, soybeans, and cowpeas counted as harvested that was hogged or grazed when the crop was mature or almost mature. Since more than one crop may have been harvested from the same land during the same crop year, the sum of acres of all crops harvested exceeds the acreage of land from which crops were harvested.

Acreages of wheat, soybeans, and sunflower seeds increased significantly between 1978 and 1982. This increased acreage is reflected in decreases in other crops, especially hay, cotton, and other small grains.

Vegetables harvested for sale—The individual acres of each kind of vegetable harvested were reported as well as the acreage of land from which vegetables were harvested.

Berries, fruits, and nuts—In 1982, data for individual berries, fruits, and nuts were collected. Also, the total land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees was reported.

AGRICULTURE—SUBJECT SERIES

HOW THE MAPS WERE MADE

Computer graphics techniques and technology were used in producing the maps in this report. The resultant mapping system was developed to meet an increasing demand for the rapid and economic production of maps of publication quality.

The multicolor choropleth maps and the dots maps are the products of an automated statistical mapping system developed at the Bureau of the Census. This mapping system generated a computer tape of commands that directed a plotter to draw maps on 310mm paper or film at publication size. The plotting device was a Computer Output on Microfilm (COM) unit capable of plotting a map in a few minutes. The production of maps on film at publication size reduces costs in both labor and materials.

The text on the maps was entirely computer-generated. The relative positions were determined for each of the map types. Minor adjustments to the text positions, such as centering, were calculated by the computer program. The final positions and the text itself were transmitted to the computer tape for plotting. Also, fonts and sizes were determined by the computer program. This method of text placement was more time-efficient than the previous manual method.

Choropleth Maps

The choropleth maps showing county classifications were prepared by a computer program that automatically created color separations for the map image on film. Each separation, or frame, showed all the counties falling within one of the data class intervals, except for the frame containing the map neatline, base map linework and text. Thus, a map showing data in five classes would have six frames of map imagery. This procedure is directly analogous to manual procedures employed by cartographers when preparing color choropleth maps. However, the maps produced by the computer are created very quickly with little manual input and also are of high quality.

The choropleth mapping system required several computer files as input. One file (provided by the Census Bureau's Agriculture Division) contained the agricultural data by county, each county identified by its Federal Information Processing Standards (FIPS) code. Three files were combined to plot the base map linework. The linework used latitude-longitude coordinates from the Nuclear Regulatory Commission's Oak Ridge National Laboratories Coordinate File for the coastline and coordinates from the Census Bureau's County Boundary File for State and county boundaries for all States, except Alaska. The coordinates for Alaska were on a separate file. This combined boundary file was used to produce the area fill pattern for the counties on the color separates. The fill pattern, known as "scan" lines, consisted of overlapping horizontal lines to fill the area within a county's boundaries. These scan lines were also identified by FIPS codes in the file.

The scan line file was processed in conjunction with the agricultural data file to produce county maps with specified data intervals. By matching FIPS codes on both files, data for each county were properly classed and portrayed on the proper map separation. The resulting computer plot tape directed the COM unit to output the class separations on 310mm film.

The class separations were screened and composited in negative form. The printer was given three composite negatives for each choropleth map, corresponding to the red, yellow, and black inks used in the printing.

EXPLANATION OF MAPPED DATA XVII

Dot Maps

The dot maps were prepared by a computer program that produced one frame containing the neatline, base map line work, text, and automatically placed dots according to data-to-dot ratio for each map. However, the increase-decrease dot maps had two frames—one contained the increase information and one contained the decrease information. The program employed a 15-level land-use filter in conjunction with the scan line file used in choropleth map production to control the placement of dots within the counties. The maps were plotted by the COM unit directly on 310mm paper or, for increase-decrease maps, on 310mm film.

The dot mapping program used two features of a previous dot mapping system developed for the Census Bureau by the Cartographic Laboratory at the University of Wisconsin, Madison, WI. These features were the land-use filter and the distribution of dots by a weighting factor. The land-use filter is a file of approximately one-half million cells (each cell being approximately 5 miles x 5 miles) covering the entire con-

tinuous United States. The land-use filter was prepared from the land-use map that was published in **The National Atlas of the United States of America**². Although no filter exists for Alaska or Hawaii, equivalent land-use data were compiled to produce dot maps for these States. The placement of dots within specific land-use categories in a county was controlled by probabilities based on a weighting algorithm using the data as input.

The Census Bureau's dot mapping program converted the land-use filter into scan lines by county. The program for dot placement computed the number of dots to be placed in a county, determined the land-uses for that county and placed the proper number of dots within the appropriate land-use areas in the county. The algorithm ensures that all dots fall within the proper county. As was done for the choropleth maps, a computer tape was made to be sent to the COM unit for plotting.

² U.S. Department of the Interior, Geological Survey, 1970.

Summary Data: 1982 and 1978

Map number	Title	Census year		Change from 1978 to 1982	Percent change
		1982	1978		
FARMS					
M1	Number of farms.....	2 240 976	2 257 775	-16 799	-0.7
M2P	Percent change in number of farms.....				
M3	Farms with sales of \$10,000 or more ¹	1 142 963	1 180 151	-37 188	-3.2
M4P	Percent of farms with sales of \$10,000 or more.....	51.0	52.3	-1.3	-2.5
M5	Farms with sales of less than \$10,000 ¹	1 096 337	1 075 322	21 015	2.0
M6P	Percent of farms with sales of less than \$10,000.....	48.9	48.0	0.9	1.9
VALUE OF LAND AND BUILDINGS² (DOLLARS)					
M7P	Average value of land and buildings per farm.....	345 869	279 672	66 197	23.7
M8P	Average value of land and buildings per acre of land in farms.....	784	619	165.0	26.7
FARMS BY SIZE					
M9P	Average size of farm (acres).....	440	449	-9.0	-2.0
M10P	Average size of farm with sales of \$10,000 or more (acres).....	708	703	5	0.7
M11	Farms with less than 50 acres.....	636 917	542 787	94 130	17.3
M12	Farms with 50 to 179 acres.....	711 652	759 047	-47 395	-6.2
M13	Farms with 180 to 259 acres.....	211 485	233 854	-22 369	-9.6
M14	Farms with 260 to 499 acres.....	315 025	347 777	-32 752	-9.4
M15	Farms with 500 to 999 acres.....	203 925	213 209	-9 284	-4.4
M16	Farms with 1,000 acres or more.....	161 972	161 101	871	0.5
M17	Farms with 2,000 acres or more.....	64 577	63 301	1 276	2.0
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION					
M18	Cash grain farms--Industry Group 011.....	576 548	573 798	2 750	0.5
M19	Wheat farms--Industry 0111.....	96 330	73 782	22 548	30.6
M20	Rice farms--Industry 0112.....	6 883	6 491	392	6.0
M21	Corn farms--Industry 0115.....	176 652	148 695	27 957	18.8
M22	Soybean farms--Industry 0116.....	129 607	187 055	-57 448	-30.7
M23	Field crop farms, except cash grains--Industry Group 013.....	253 253	285 362	-32 109	-11.3
M24	Cotton farms--Industry 0131.....	21 073	31 445	-10 372	-33.0
M25	Tobacco farms--Industry 0132.....	131 292	129 886	1 406	1.1
M26	Sugar crop farms--Industry 0133.....	2 799	4 272	-1 473	-34.5
M27	Irish potato farms--Industry 0134.....	6 353	6 036	317	5.3
M28	Vegetable and melon farms--Industry Group 016.....	30 723	30 864	-141	-0.5
M29	Fruit and tree nut farms--Industry Group 017.....	84 371	80 190	4 181	5.2
M30	Horticultural specialty farms--Industry Group 018.....	29 197	28 907	290	1.0
M31	General farms, primarily crop--Industry Group 019.....	58 515	62 828	-4 313	-6.9
M32	Livestock farms, except dairy, poultry, and animal specialty-- Industry Group 021.....	906 486	919 732	-13 246	-1.4
M33	Beef cattle feedlots--Industry 0211.....	84 961	79 053	5 908	7.5
M34	Beef cattle farms, except feedlots--Industry 0212.....	618 555	593 016	25 539	4.3
M35	Hog farms--Industry 0213.....	129 864	157 455	-27 591	-17.5
M36	Sheep and goat farms--Industry 0214.....	26 535	20 688	5 847	28.3
M37	Dairy farms--Industry Group 024.....	164 628	165 566	-938	-0.6
M38	Poultry and egg farms--Industry Group 025.....	41 971	44 352	-2 381	-5.4
M39	Broiler, fryer, and roaster chicken farms--Industry 0251.....	19 100	20 915	-1 815	-8.7
M40	Chicken egg farms--Industry 0252.....	17 570	18 647	-1 077	-5.8
M41	Animal specialty farms--Industry Group 027.....	65 040	35 604	29 436	82.7
M42	General farms, primarily livestock--Industry Group 029.....	30 244	30 572	-328	-1.1
FARMS BY VALUE OF SALES¹					
M43	Farms with sales of \$1,000 to \$2,499.....	536 327	460 535	75 792	16.5
M44	Farms with sales of \$2,500 to \$4,999.....	278 208	300 699	-22 491	-7.5
M45	Farms with sales of \$5,000 to \$9,999.....	281 802	314 088	-32 286	-10.3
M46	Farms with sales of \$10,000 to \$19,999.....	259 007	299 215	-40 208	-13.4
M47	Farms with sales of \$20,000 to \$39,999.....	248 825	299 175	-50 350	-16.8
M48	Farms with sales of \$40,000 to \$99,999.....	332 751	360 093	-27 342	-7.6
M49	Farms with sales of \$100,000 to \$249,999.....	215 912	165 493	50 419	30.5
M50	Farms with sales of \$250,000 or more.....	86 468	56 175	30 293	53.9
M51P	Percent of farms with sales of \$20,000 or more.....	39.5	39.3	0.2	0.5
TENURE AND CHARACTERISTICS OF OPERATOR					
M52	Farms operated by full owners.....	1 325 773	1 297 902	27 871	2.1
M53P	Percent of farms operated by full owners.....	59.2	57.5	1.7	3.0
M54	Farms operated by part owners.....	656 249	681 112	-24 863	-3.7
M55P	Percent of farms operated by part owners.....	29.3	30.2	-0.9	-3.0
M56	Farms operated by tenants.....	258 954	278 761	-19 807	-7.1
M57P	Percent of farms operated by tenants.....	11.6	12.3	-0.7	-5.7
M58P	Rented or leased land in farms by county.....	383 519 373	401 404 101	-17 884 728	-4.5
M59P	Percent of land in farms rented or leased.....	38.9	40.0	-1.1	-2.8
M60	Farms operated by black and other races.....	54 367	57 988	-3 621	-6.2
M61P	Average age of farm operators.....	50.5	50.3	0.2	0.4
M62	Farm operators 65 years old and over.....	399 596	370 546	29 050	7.8
M63P	Percent of farm operators 65 years old and over.....	17.8	16.4	1.4	8.5
M64	Farm operators reporting any off-farm work.....	1 187 374	1 203 286	-15 912	-1.3
M65P	Percent of farm operators working off their farms 100 days or more.....	43.0	42.1	0.9	2.1
M66P	Percent of farm operators not residing on farm operated.....	19.2	18.7	0.5	2.7
M67	Farms operated by female operator.....	121 599	112 799	8 800	7.8
M68P	Percent of farms operated by female operator.....	5.4	5.0	0.4	8.0

See footnotes at end of table.

Summary Data: 1982 and 1978—Con.

Map number	Title	Census year		Change from 1978 to 1982	Percent change
		1982	1978		
OCCUPATION OF OPERATOR					
M69	Farm operators reporting principal occupation as farming.....	1 234 787	1 269 305	-34 518	-2.7
M70P	Percent of farm operators reporting principal occupation as farming.....	55.1	56.2	-1.1	-2.0
M71	Farm operators reporting principal occupation as other than farming.....	1 006 189	988 470	17 719	1.8
M72P	Percent of farm operators reporting principal occupation as other than farming.....	44.9	43.8	1.1	2.5
FARMS BY TYPE OF ORGANIZATION					
M73	Farms operated by individual or family.....	1 945 639	1 965 860	-20 221	-1.0
M74P	Percent of land in farms operated by individual or family.....	65.1	66.3	-1.2	-1.8
M75	Farms operated by partnership.....	223 274	232 538	-9 264	-4.0
M76P	Percent of land in farms operated by partnership.....	15.4	15.6	-0.2	-1.3
M77	Farms operated by corporation.....	59 792	50 231	9 561	19.0
M78P	Percent of land in farms operated by corporation.....	12.9	11.8	1.1	9.3
LAND IN FARMS AND LAND USE (ACRES)					
M79	Land in farms.....	986 796 579	1 014 777 234	-27 980 655	-2.8
M80P	Land in farms as a percent of land area.....	43.6	44.8	-1.2	-2.7
M81	Land in farms--change in acreage.....	986 796 579	1 014 777 234	-27 980 655	-2.8
M82	Total cropland.....	445 362 028	453 874 133	-8 512 105	-1.9
M83	Total cropland--change in acreage.....				
M84P	Total cropland as a percent of land area.....	19.7	20.0	-0.3	-1.5
M85P	Total cropland as a percent of land in farms.....	45.1	44.7	0.4	0.9
M86	Harvested cropland.....	326 306 462	317 145 955	9 160 507	2.9
M87	Harvested cropland--change in acreage.....				
M88P	Harvested cropland as a percent of land in farms.....	33.1	31.3	1.8	5.8
M89P	Pastureland as a percent of land in farms.....	53.4	54.3	-0.9	-1.7
IRRIGATION (ACRES)					
M90	Irrigated land in farms.....	49 002 433	50 349 906	-1 347 473	-2.7
M91	Irrigated land--change in acreage.....				
M92P	Percent of land in farms irrigated.....	5.0	5.0	0.0	0.0
M93P	Percent of harvested cropland irrigated.....	21.7	14.0	7.7	55.0
M94	Irrigated pastureland and other land.....	4 569 425	6 670 087	-2 100 662	-31.5
M95P	Irrigated field corn for all purposes by county.....	9 532 294	10 048 720	-516 426	-5.1
M96P	Irrigated sorghum for all purposes by county.....	2 294 498	2 159 392	135 106	6.3
M97P	Irrigated cotton by county.....	3 422 834	4 676 655	-1 253 821	-26.8
M98P	Irrigated wheat by county.....	4 649 935	3 002 324	1 647 611	54.9
M99P	Irrigated alfalfa hay by county.....	5 530 813	5 872 263	-341 450	-5.8
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (DOLLARS)					
M100	Market value of agricultural products sold.....	131 900 223 000	107 073 458 000	24 826 765 000	23.2
M101P	Market value of agricultural products sold by county.....				
M102P	Average value per farm of agricultural products sold.....	58 858	47 424	11 434	24.1
M103P	Average value of agricultural products sold per acre of land in farms.....	134	106	28	26.4
M104P	Value of agricultural products sold as a percent of value of land and buildings and market value of machinery and equipment.....	15.2	13.6	1.6	11.8
M105	Value of crops sold.....	62 256 087 000	48 203 200 000	14 052 887 000	29.2
M106P	Value of crops sold as a percent of agricultural products sold....	47.2	45.0	2.2	4.9
M107P	Average value of crops sold per acre of harvested cropland.....	191	152	39.0	25.7
M108P	Value of grains sold as a percent of agricultural products sold..	27.6	25.1	2.5	10.0
M109P	Value of cotton and cottonseed sold as a percent of agricultural products sold.....	2.5	2.9	-0.4	-13.8
M110P	Value of tobacco sold as a percent of agricultural products sold..	2.1	2.2	-0.1	-4.5
M111	Value of livestock, poultry, and their products sold.....	69 644 136 000	58 870 258 000	10 773 878 000	18.3
M112P	Value of poultry and poultry products sold as a percent of agricultural products sold.....	7.4	7.9	-0.5	-6.3
M113P	Value of dairy products sold as a percent of agricultural products sold.....	12.4	10.5	1.9	18.1
M114P	Value of cattle and calves sold as a percent of agricultural products sold.....	24.0	27.7	-3.7	-13.4
M115P	Value of hogs and pigs sold as a percent of agricultural products sold.....	7.5	7.3	0.2	2.7
M116P	Value of sheep, lambs, and wool sold as a percent of agricultural products sold.....	0.5	0.6	-0.1	-16.7
FARM-RELATED INCOME AND DIRECT SALES (DOLLARS)					
M117	Value of agricultural products sold directly to consumers for human consumption.....	501 886 000	380 827 000	121 059 000	31.8
M118P	Value of agricultural products sold directly to consumers for human consumption by county.....				
M119	Income from machine work, customwork, and other agricultural services.....	687 496 000	637 667 000	49 829 000	7.8
SELECTED FARM PRODUCTION EXPENSES ² (DOLLARS)					
M120	Expenses for livestock and poultry purchased.....	17 174 334 000	16 039 244 000	1 135 090 000	7.1
M121	Expenses for livestock and poultry purchased by county.....				
M122	Expenses for feed for livestock and poultry.....	18 591 984 000	15 785 995 000	2 805 989 000	17.8
M123P	Expenses for feed for livestock and poultry by county.....				
M124P	Expenses for commercially mixed formula feeds as a percent of all feed purchased for livestock and poultry.....	56.0	55.7	0.3	0.5

See footnotes at end of table.

Summary Data: 1982 and 1978—Con.

Map number	Title	Census year		Change from 1978 to 1982	Percent change
		1982	1978		
	SELECTED FARM PRODUCTION EXPENSES ² (DOLLARS)--Con.				
M125	Expenses for seeds, bulbs, plants, and trees.....	3 171 752 000	2 607 118 000	564 634 000	21.7
M126P	Expenses for seeds, bulbs, plants, and trees by county.....				
M127	Expenses for commercial fertilizer.....	7 689 365 000	6 330 581 000	1 358 784 000	21.5
M128P	Expenses for commercial fertilizer by county.....				
M129	Expenses for agricultural chemicals, excluding fertilizer.....	4 282 213 000	2 889 503 000	1 392 710 000	48.2
M130P	Expenses for agricultural chemicals, excluding fertilizer by county				
M131P	Average expenses per farm reporting for agricultural chemicals, excluding fertilizer.....	3 805	2 008	1 797	89.5
M132	Expenses for energy and petroleum products.....	9 973 865 000	6 025 704 000	3 948 161 000	65.5
M133P	Expenses for energy and petroleum products by county.....				
M134	Expenses for gasoline and gasohol.....	2 987 134 000	2 054 818 000	932 316 000	45.4
M135P	Expenses for gasoline and gasohol as a percent of all expenses for energy and petroleum products.....	30.0	34.1	-4.1	-12.0
M136	Expenses for diesel fuel.....	3 150 091 000	1 469 392 000	1 680 699 000	114.4
M137P	Expenses for diesel fuel as a percent of all expenses for energy and petroleum products.....	32.0	24.4	7.6	31.1
M138	Expenses for LP, butane, or propane gas.....	829 018 000	472 446 000	356 572 000	75.5
M139P	Expenses for LP, butane, or propane gas as a percent of all expenses for energy and petroleum products.....	8.3	7.8	0.5	6.4
M140	Expenses for electricity.....	2 041 384 000	1 308 290 000	733 094 000	56.0
M141P	Expenses for electricity as a percent of all expenses for energy and petroleum products.....	20.5	21.7	-1.2	-5.5
M142	Expenses for hired farm labor, excluding contract labor.....	8 441 180 000	6 814 428 000	1 626 752 000	23.9
M143P	Expenses for hired farm labor, excluding contract labor, by county				
M144	Expenses for contract labor.....	1 103 773 000	898 959 000	204 814 000	22.8
M145P	Expenses for contract labor by county.....				
M146	Expenses for customwork, machine hire, and rental of machinery and equipment.....	2 024 693 000	1 750 875 000	273 818 000	15.6
M147P	Expenses for customwork, machine hire, and rental of machinery and equipment, by county.....				
M148	Expenses for interest for the farm business ³	11 668 942 000	(NA)	(NA)	(NA)
M149P	Expenses for interest for the farm business by county ³				
	HIRED FARM LABOR ²				
M150	Hired farm workers working 150 days or more.....	949 481	953 694	-4 213	-0.4
M151	Hired farm workers working less than 150 days.....	3 906 376	4 545 500	-639 124	-14.1
M152P	Percent of farms reporting any hired farm labor.....	38.8	42.4	-3.6	-8.5
M153P	Percent of farms reporting only hired farm workers working less than 150 days.....	24.9	36.2	-11.3	-31.2
M154P	Ratio of hired farm workers working 150 days or more to farm operators.....	0.4	0.4	0.0	0.0
	MACHINERY AND EQUIPMENT ON PLACE ²				
M155	Estimated market value of all machinery and equipment on place.....	93 662 947 000	77 600 689 000	16 062 258 000	20.7
M156P	Estimated market value of all machinery and equipment on place by county.....				
M157P	Average estimated market value per farm reporting of all machinery and equipment on place.....	41 919	34 471	7 448	21.6
M158	Motortrucks, including pickups.....	3 435 194	3 357 829	77 365	2.3
M159	Motortrucks, including pickups--change in number.....	4 523 849	4 626 228	-102 379	-2.2
M160	Wheel tractors.....	644 311	654 695	-10 384	-1.6
M161	Wheel tractors--change in number.....	799 714	743 998	55 716	7.5
M162	Grain and bean combines, self-propelled.....	369 115	347 150	21 965	6.3
M163	Grain and bean combines, self-propelled--change in number.....	49 563	41 045	8 518	20.8
M164	Pickup balers.....				
M165	Corn heads for combines.....				
M166	Cottonpickers and strippers.....				
	AGRICULTURAL CHEMICALS USED ²				
M167	Acres on which commercial fertilizer was used.....	224 635 378	226 347 510	-1 712 132	-0.8
M168P	Percent of total cropland, excluding cropland pasture, on which commercial fertilizer was used.....	64.5	65.9	-1.4	-2.1
M169	Acres on which lime was used.....	11 607 206	16 493 592	-4 886 386	-29.6
M170P	Average tons of lime applied per acre.....	1.7	1.7	0.0	0.0
M171	Acres of crops, including hay treated for insect control.....	72 848 009	75 868 060	-3 020 051	-4.0
M172P	Acres of crops, including hay treated for insect control, as a percent of harvested cropland.....	22.3	23.9	-1.6	-6.7
M173	Acres of crops treated for nematodes.....	7 532 515	8 804 521	-1 272 006	-14.4
M174P	Acres of crops treated for nematodes as a percent of harvested cropland.....	2.3	2.8	-0.5	-17.9
M175	Acres of crops and orchards treated for disease control.....	11 685 466	11 414 860	270 606	2.4
M176P	Acres of crops and orchards treated for disease control as a percent of harvested cropland.....	3.6	3.6	0.0	0.0
M177	Acres of land treated for weed or grass control.....	176 871 096	164 617 114	12 253 982	7.4
M178	Acres treated with chemicals for defoliation or for growth control of crops or thinning of fruit.....	9 322 028	9 267 485	54 543	0.6

See footnotes at end of table.

Summary Data: 1982 and 1978—Con.

Map number	Title	Census year		Change from 1978 to 1982	Percent change
		1982	1978		
LIVESTOCK AND POULTRY					
M179	Cattle and calves--inventory.....	104 475 827	103 865 109	610 718	0.6
M180	Cattle and calves--change in inventory.....				
M181P	Cattle and calves--inventory by county.....				
M182	Farms with 200 cattle and calves or more.....	95 653	90 975	4 678	5.1
M183	Cows and heifers that had calved--inventory.....	45 052 497	44 547 966	504 531	1.1
M184P	Cows and heifers that had calved--inventory as a percent of all cattle and calves.....	43.1	43.0	0.1	0.2
M185	Milk cows--inventory.....	10 849 890	10 221 692	628 198	6.1
M186	Milk cows--change in inventory.....				
M187P	Milk cows--inventory by county.....				
M188	Farms with 100 milk cows or more.....	19 674	16 251	3 423	21.1
M189P	Milk cows as a percent of all cows and heifers that had calved....	24.1	22.9	1.2	5.2
M190	Beef cows--inventory.....	34 202 607	34 326 274	-123 667	-0.4
M191	Beef cows--change in inventory.....				
M192P	Heifers, heifer calves, steers, steer calves, bulls, and bull calves as a percent of all cattle and calves.....	56.9	57.1	-0.2	-0.4
M193	Cattle and calves sold.....	71 216 727	78 020 351	-6 803 624	-8.7
M194	Cattle fattened on grain and concentrates and sold.....	27 674 400	29 722 043	-2 047 643	-6.9
M195	Fattened cattle sold--change in number.....				
M196P	Fattened cattle sold by county.....				
M197P	Fattened cattle sold as a percent of cattle sold.....	38.9	38.1	0.8	2.1
M198	Farms with 500 fattened cattle or more sold.....	5 065	5 302	-237	-4.5
M199	Hogs and pigs--inventory.....	55 366 205	57 697 318	-2 331 113	-4.0
M200	Hogs and pigs--change in inventory.....				
M201	Farms with 200 hogs and pigs or more--inventory.....	77 087	82 269	-5 182	-6.3
M202	Hogs and pigs used or to be used for breeding--inventory.....	6 947 861	8 516 131	-1 568 270	-18.4
M203	Hogs and pigs used or to be used for breeding--change in inventory.....				
M204	Litters of pigs farrowed between Dec. 1, 1981, and Nov. 30, 1982...	10 356 971	10 999 496	-642 525	-5.8
M205	Hogs and pigs sold.....	94 783 598	90 757 143	4 026 455	4.4
M206P	Hogs and pigs sold by county.....				
M207	Feeder pigs sold.....	20 042 797	19 491 098	551 699	2.8
M208P	Feeder pigs sold as a percent of all hogs and pigs sold.....	21.1	21.5	-0.4	-1.9
M209	Hogs and pigs sold other than feeder pigs.....	74 740 801	71 266 045	3 474 756	4.9
M210	Sheep and lambs--inventory.....	12 438 011	12 243 476	194 535	1.6
M211	Sheep and lambs--change in inventory.....				
M212	Ewes 1 year old or older--inventory.....	7 665 674	7 808 221	-142 547	-1.8
M213	Sheep and lambs sold.....	10 766 037	10 260 539	505 498	4.9
M214	Horses and ponies--inventory.....	2 260 791	1 957 028	303 763	15.5
M215	Chickens 3 months old or older--inventory.....	362 464 997	354 357 427	8 107 570	2.3
M216	Chickens 3 months old or older--change in inventory.....				
M217P	Chickens 3 months old or older--inventory by county.....				
M218	Broilers and other meat-type chickens sold.....	3 516 622 889	3 062 154 490	454 468 399	14.8
M219	Broilers and other meat-type chickens sold--change in number.....				
M220P	Broilers and other meat-type chickens sold by county.....				
M221	Turkeys sold.....	172 034 935	141 276 176	30 758 759	21.8
M222	Turkeys sold--change in number.....				
CROPS HARVESTED (ACRES)					
M223	Corn harvested for all purposes.....	77 883 325	78 350 367	-467 042	-0.6
M224	Corn harvested for all purposes--change in acreage.....				
M225P	Corn harvested for all purposes by county.....				
M226	Acres of corn harvested for all purposes as a percent of harvested cropland.....	23.9	24.7	-0.8	-3.2
M227	Corn harvested for grain or seed.....	69 857 993	70 043 480	-185 487	-0.3
M228	Corn cut for silage or green chop.....	8 019 270	8 306 887	-8 306 887	-100.0
M229	Sorghum harvested for all purposes.....	13 513 701	13 994 422	-480 721	-3.4
M230	Sorghum harvested for all purposes--change in acreage.....				
M231P	Sorghum harvested for all purposes by county.....				
M232P	Acres of sorghum harvested for all purposes as a percent of harvested cropland.....	4.1	4.4	-0.3	-6.8
M233	Sorghum harvested for grain or seed.....	12 678 843	12 899 829	-220 986	-1.7
M234	Wheat harvested for grain.....	70 910 293	54 155 168	16 755 125	30.9
M235	Wheat harvested for grain--change in acreage.....				
M236P	Wheat harvested for grain by county.....				
M237P	Acres of wheat harvested for grain as a percent of harvested cropland.....	21.7	17.1	4.6	26.9
M238	Oats harvested for grain.....	9 131 444	10 121 903	-990 459	-9.8
M239	Oats harvested for grain--change in acreage.....				
M240	Barley harvested for grain.....	8 650 370	8 943 812	-293 442	-3.3
M241	Barley harvested for grain--change in acreage.....				
M242	Rye harvested for grain.....	449 325	432 674	16 651	3.8
M243	Flaxseed harvested.....	633 089	425 536	207 553	48.8
M244	Rice harvested.....	3 232 987	3 001 671	231 316	7.7
M245	Soybeans harvested for beans.....	64 832 842	61 339 849	3 492 993	5.7
M246	Soybeans harvested for beans--change in acreage.....				
M247P	Soybeans harvested for beans by county.....				
M248P	Acres of soybeans harvested for beans as a percent of harvested cropland.....	19.9	19.3	0.6	3.1

See footnotes at end of table.

Summary Data: 1982 and 1978—Con.

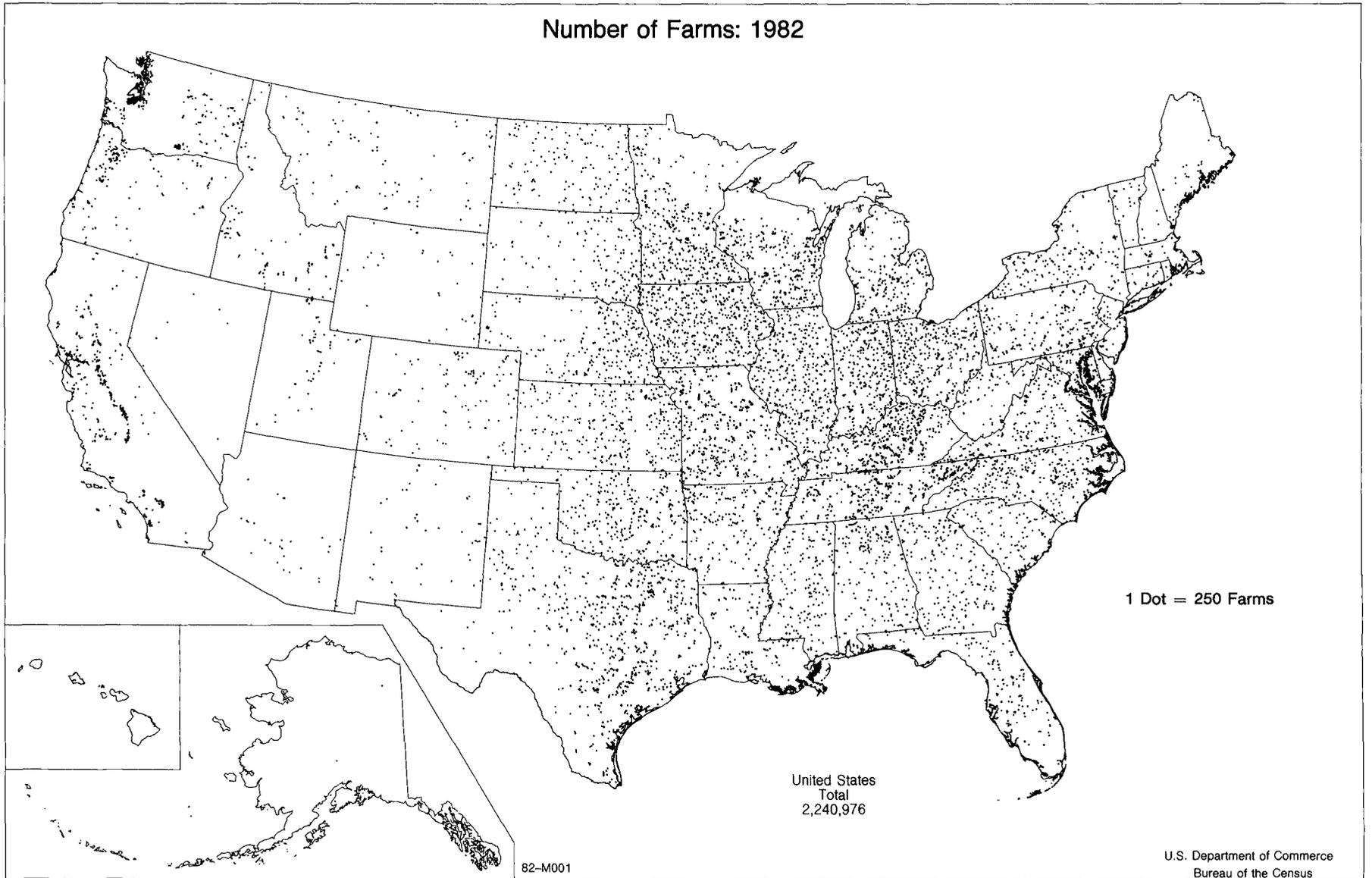
Map number	Title	Census year		Change from 1978 to 1982	Percent change
		1982	1978		
	CROPS HARVESTED (ACRES)--Con.				
M249	Peanuts harvested for nuts.....	1 237 606	1 454 475	-216 869	-14.9
M250	Dry edible beans, excluding dry limas.....	1 711 195	1 299 150	412 045	31.7
M251	Cotton harvested.....	9 781 404	12 693 772	-2 912 368	-22.9
M252	Cotton harvested--change in acreage.....				
M253P	Acres of cotton harvested as a percent of harvested cropland	3.0	4.0	-1.0	-25.0
M254	Sunflower seed harvested.....	4 357 017	2 478 008	1 879 009	75.8
M255	Sugar beets harvested for sugar.....	1 033 722	1 243 471	-209 749	-16.9
M256	Sugarcane harvested for sugar.....	713 061	766 071	-53 010	-6.9
M257	Irish potatoes harvested.....	1 268 213	1 385 886	-117 673	-8.5
M258	Irish potatoes harvested--change in acreage.....				
M259	Tobacco harvested.....	931 655	963 224	-31 569	-3.3
M260	Tobacco harvested--change in acreage.....	56 743 836	60 241 391	-3 497 555	-5.8
M261	Land from which hay was cut.....				
M262P	Land from which hay was cut by county.....	17.4	19.0	-1.6	-8.4
M263	Land from which hay was cut--change in acreage.....				
M264P	Land from which hay was cut as a percent of harvested cropland.....	23 916 744	25 960 083	-2 043 339	-7.9
M265	Alfalfa hay cut.....	19 100 343	18 653 476	446 867	2.4
M266	Alfalfa hay cut--change in acreage.....	2 585 634	2 855 669	-270 035	-9.5
M267	Tame hay cut, other than alfalfa, small grain, and wild hay.....	6 746 127	8 264 102	-1 517 975	-18.4
M268	Small grain hay cut.....				
M269	Wild hay cut.....	4 394 988	4 508 061	-113 073	-2.5
M270	Grass silage, haylage, and green chop hay harvested.....	252 348	388 979	-136 631	-35.1
M271	Alfalfa seed harvested.....	104 789	130 891	-26 102	-19.9
M272	Red clover seed harvested.....	203 590	279 777	-76 187	-27.2
M273	Fescue seed harvested.....	198 042	206 388	-8 346	-4.0
M274	Ryegrass seed harvested.....				
	VEGETABLES (ACRES)				
M275	Vegetables harvested for sale.....	3 330 637	3 534 142	-203 505	-5.8
M276P	Vegetables harvested for sale by county.....				
M277	Asparagus harvested for sale.....	97 202	86 156	11 046	12.8
M278	Cantaloups harvested for sale.....	113 981	109 632	4 349	4.0
M279	Cucumbers and pickles harvested for sale.....	113 849	122 681	-8 832	-7.2
M280	Green peas, excluding green cowpeas, harvested for sale.....	281 350	361 955	-80 605	-22.3
M281	Head cabbage harvested for sale.....	90 360	101 744	-11 384	-11.2
M282	Lettuce and romaine harvested for sale.....	229 887	252 953	-23 066	-9.1
M283	Dry onions harvested for sale.....	117 453	123 776	-6 323	-5.1
M284	Snap beans harvested for sale.....	277 538	339 778	-62 240	-18.3
M285	Sweet corn harvested for sale.....	642 168	667 678	-25 510	-3.8
M286	Tomatoes harvested for sale.....	403 469	421 960	-18 491	-4.4
M287	Watermelons harvested for sale.....	184 043	176 599	7 444	4.2
	BERRIES, FRUITS, AND NUTS (ACRES)				
M288	Berries harvested for sale.....	135 867	126 144	9 723	7.7
M289	Strawberries harvested for sale.....	49 262	43 582	5 680	13.0
M290	Land in orchards.....	4 750 667	4 463 627	287 040	6.4
M291P	Land in orchards by county.....				
M292	Acres of apple trees.....	590 541	555 393	35 148	6.3
M293	Acres of peach trees.....	247 561	257 134	-9 573	-3.7
M294	Acres of pear trees.....	84 915	92 679	-7 764	-8.4
M295	Acres of cherry trees.....	134 194	127 074	7 120	5.6
M296	Acres of plum and prune trees.....	140 413	135 906	4 507	3.3
M297	Acres of grape vines.....	874 996	753 845	121 151	16.1
M298	Acres of orange trees.....	918 714	909 919	8 795	1.0
M299	Acres of grapefruit trees.....	241 182	244 726	-3 544	-1.4
M300	Acres of lemon trees.....	76 680	81 599	-4 919	-6.0
M301	Acres of English walnut trees.....	204 960	193 721	11 239	5.8
M302	Acres of almond trees.....	439 668	342 441	97 227	28.4
M303	Acres of pecan trees.....	435 961	444 735	-8 774	-2.0

(NA) Not available.

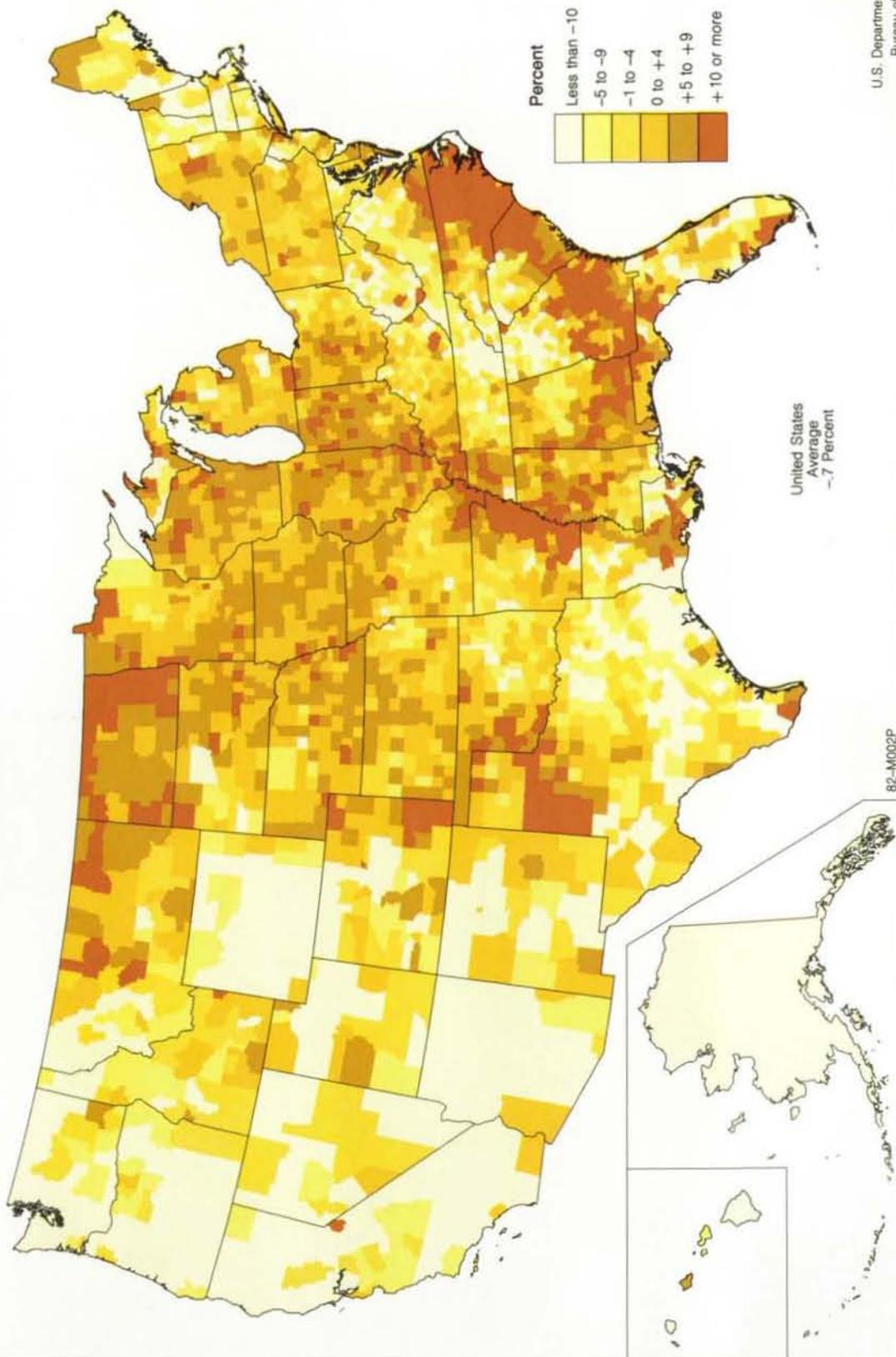
¹Excludes abnormal farms; see text.

²Data are based on a sample of farms; see text.

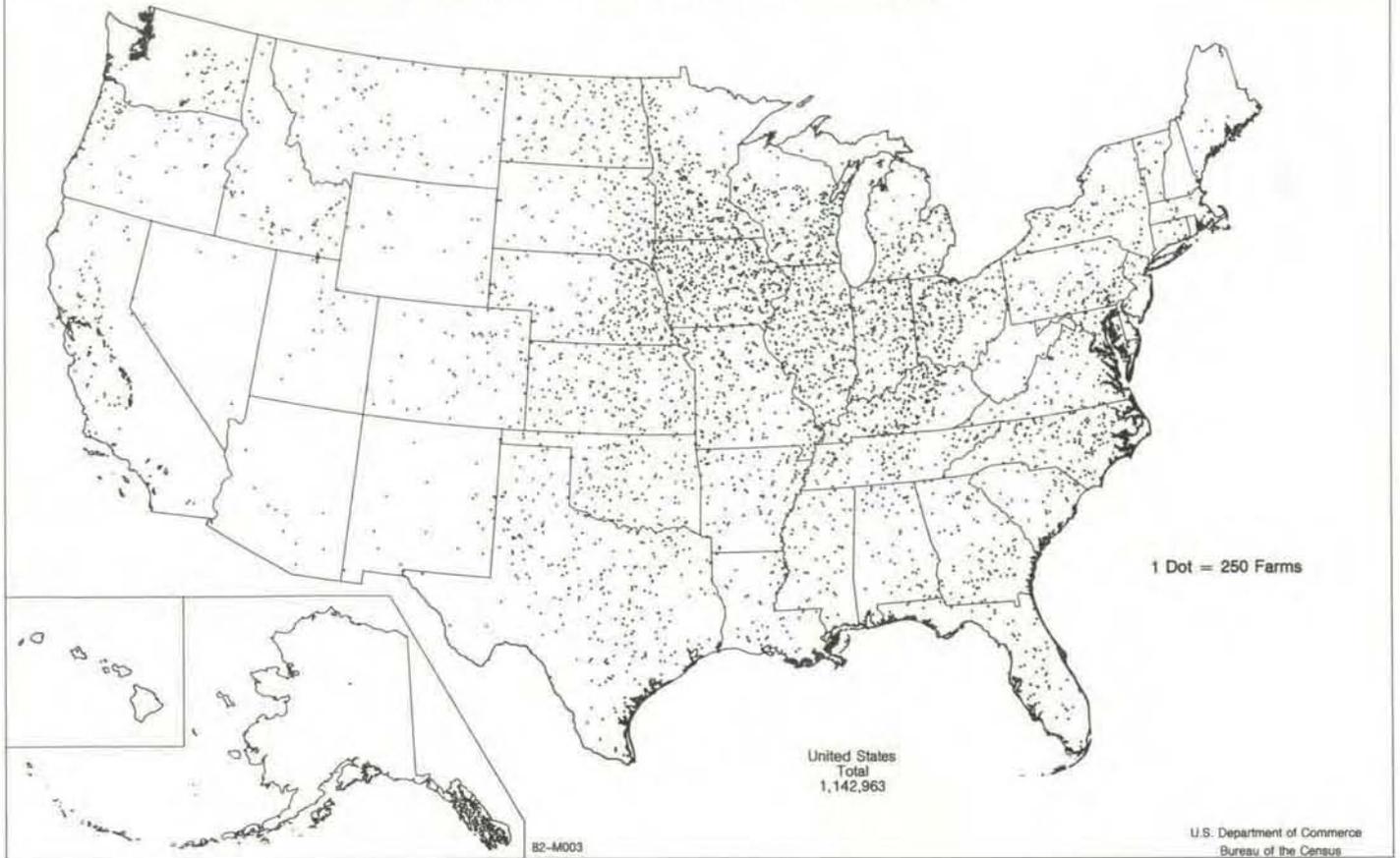
³See text for further explanation.



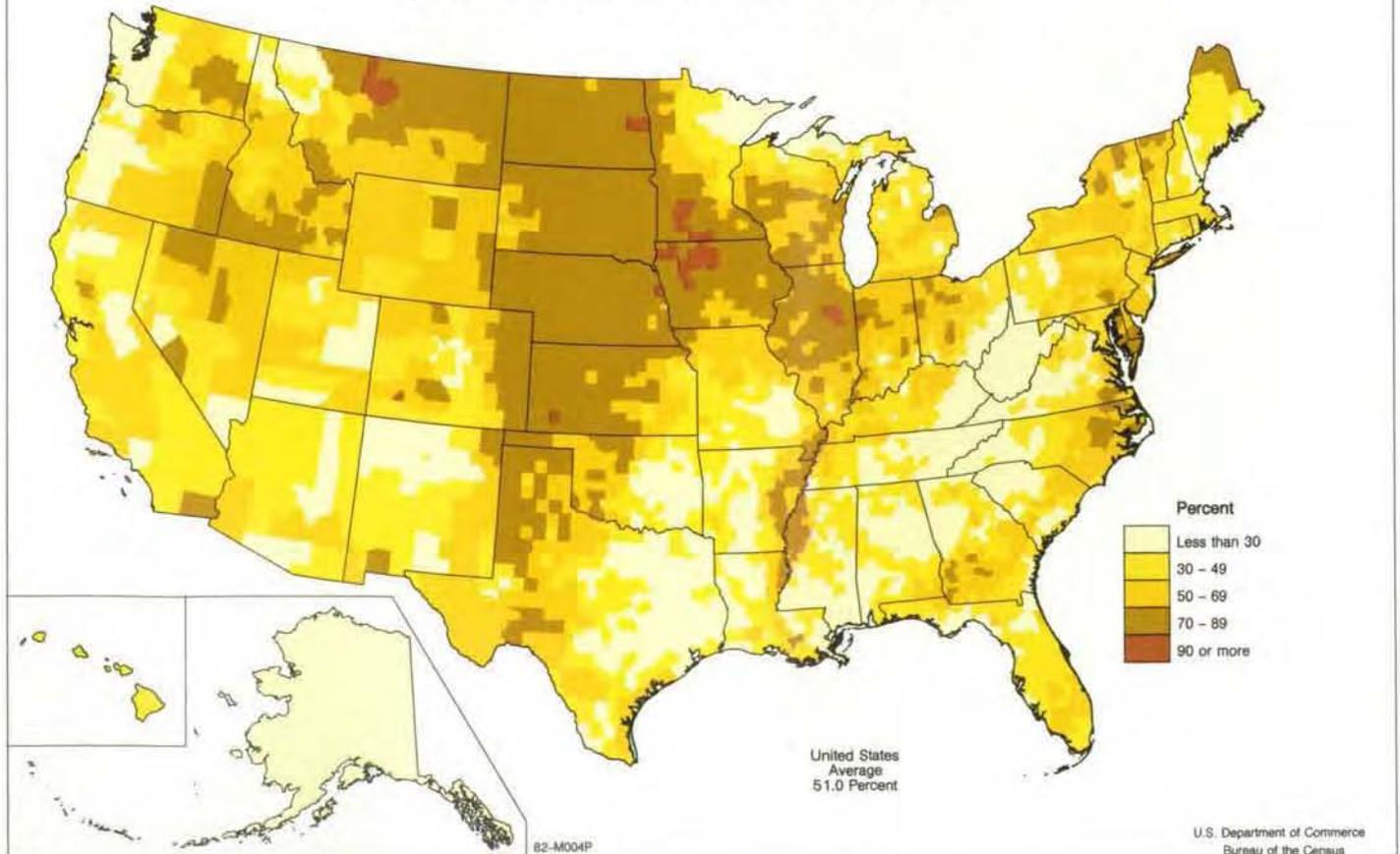
Percent Change in Number of Farms: 1978 to 1982



Farms With Sales of \$10,000 or More: 1982



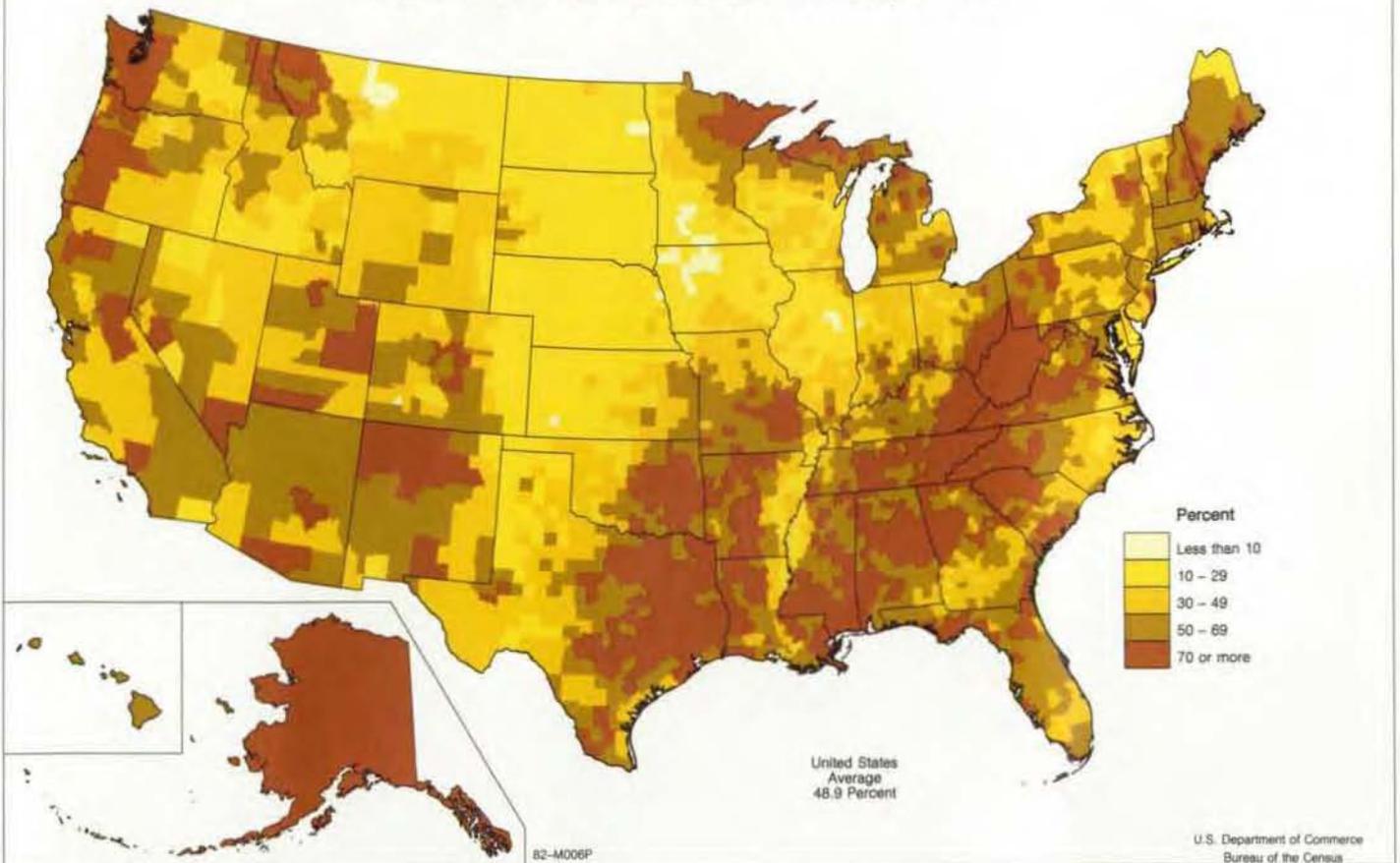
Percent of Farms With Sales of \$10,000 or More: 1982



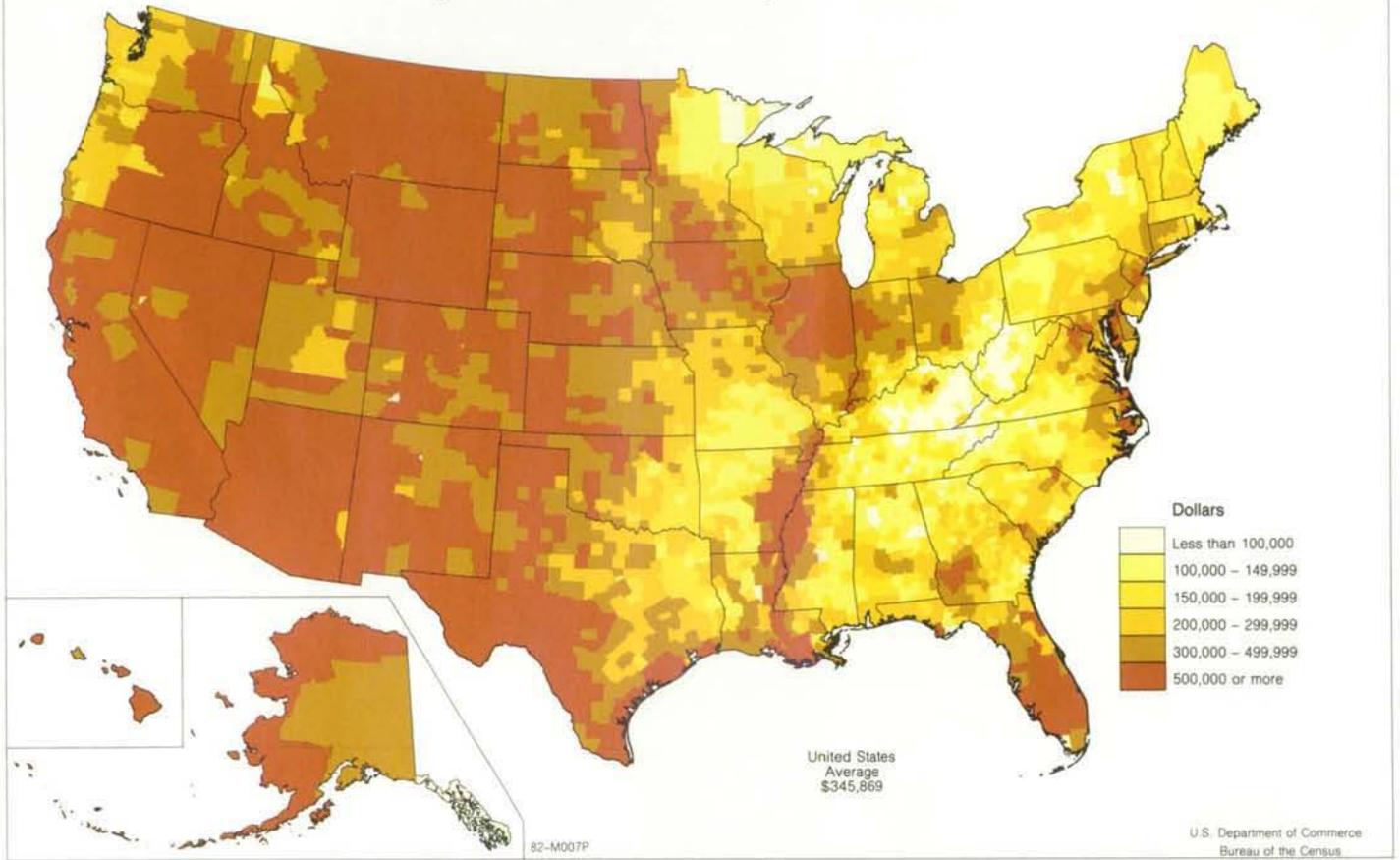
Farms With Sales of Less Than \$10,000: 1982



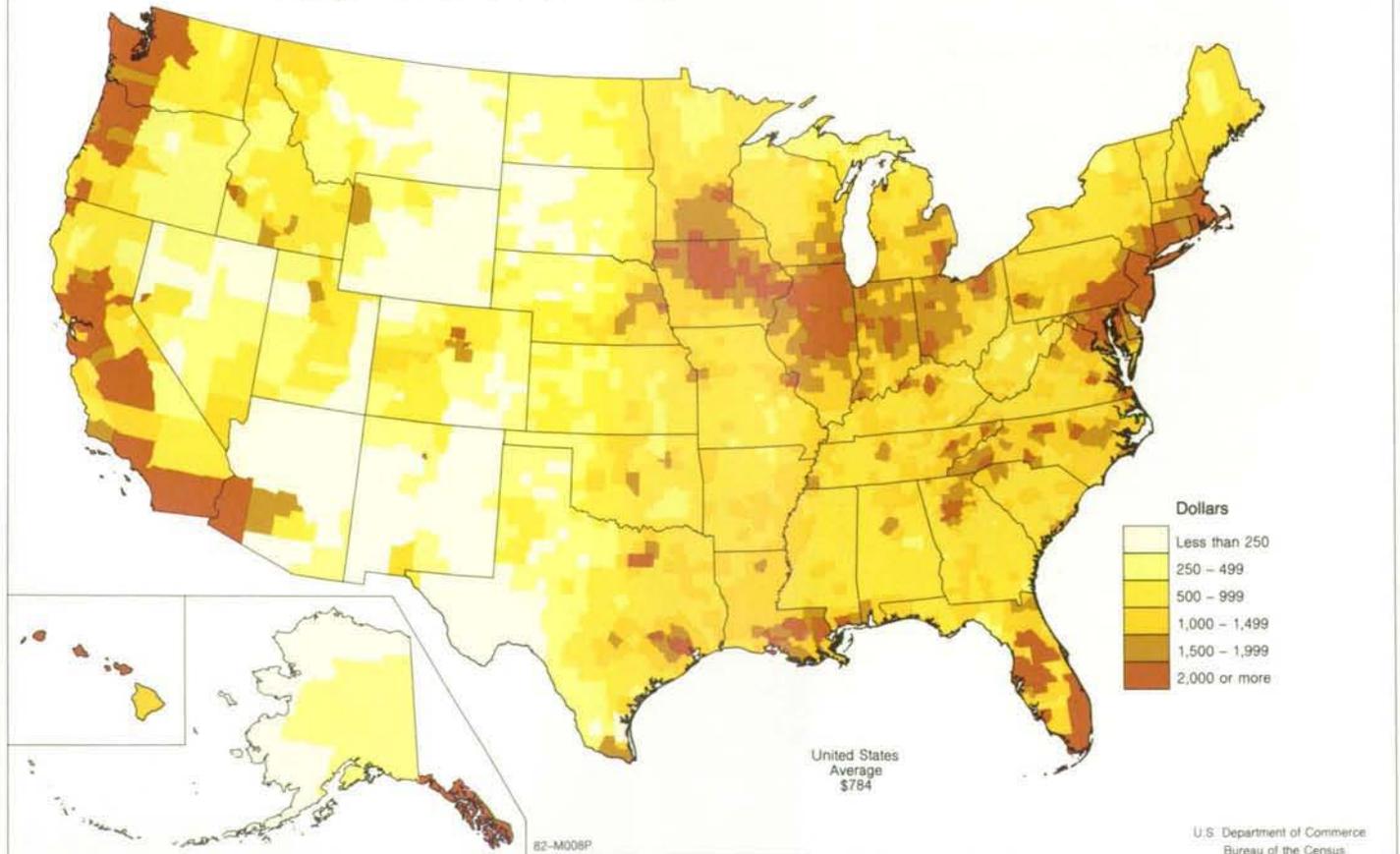
Percent of Farms With Sales of Less Than \$10,000: 1982



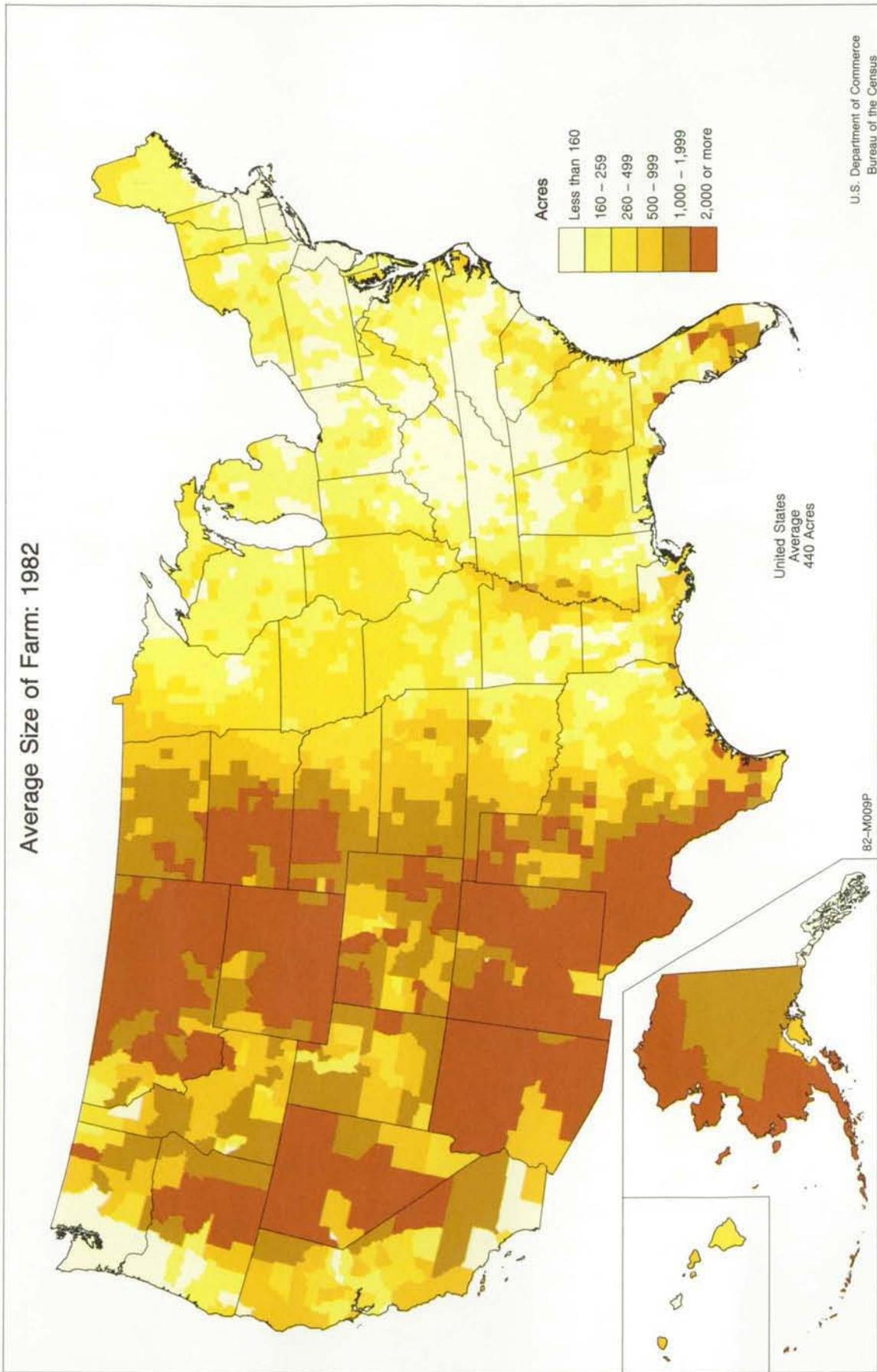
Average Value of Land and Buildings Per Farm: 1982



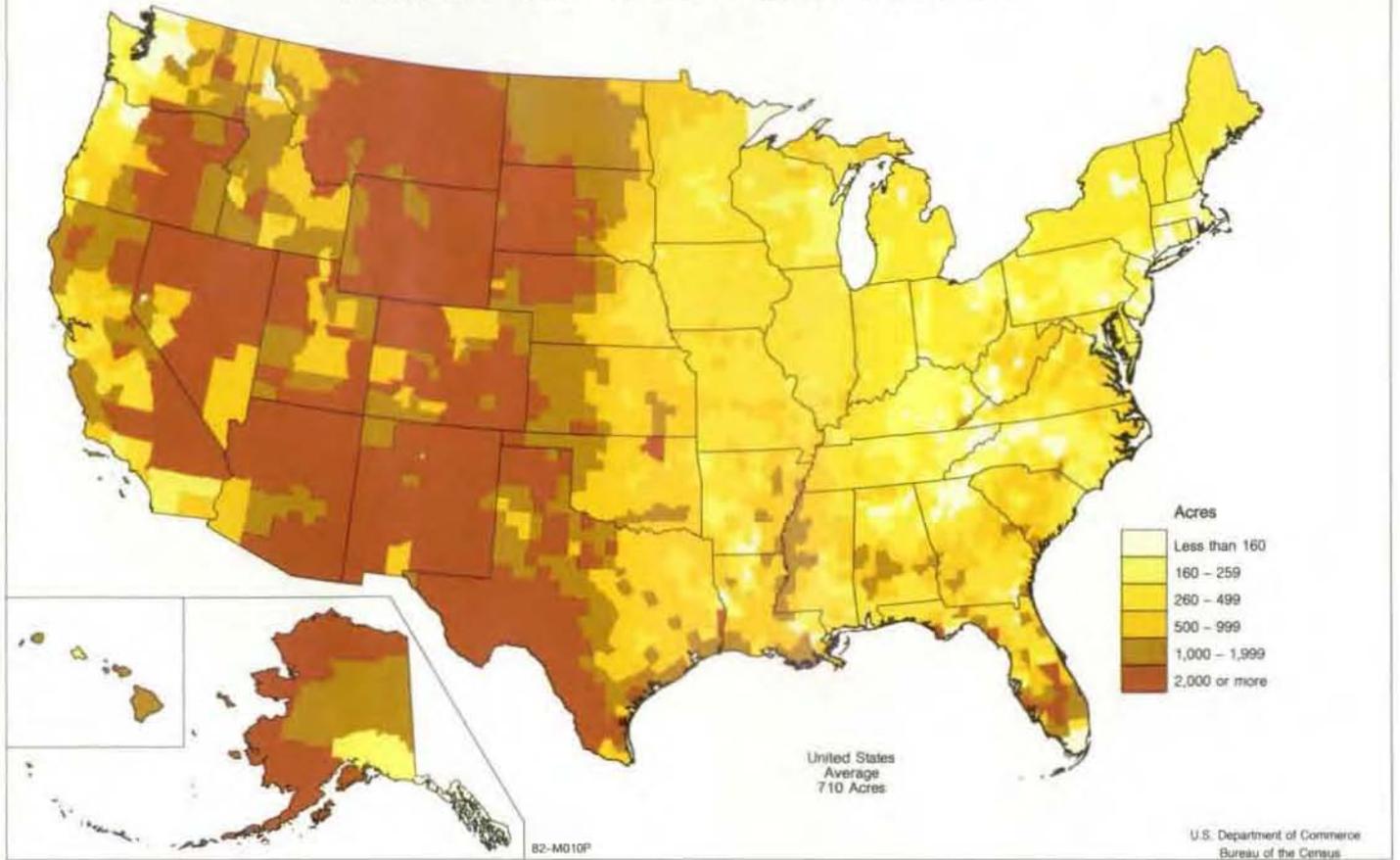
Average Value of Land and Buildings Per Acre of Land in Farms: 1982



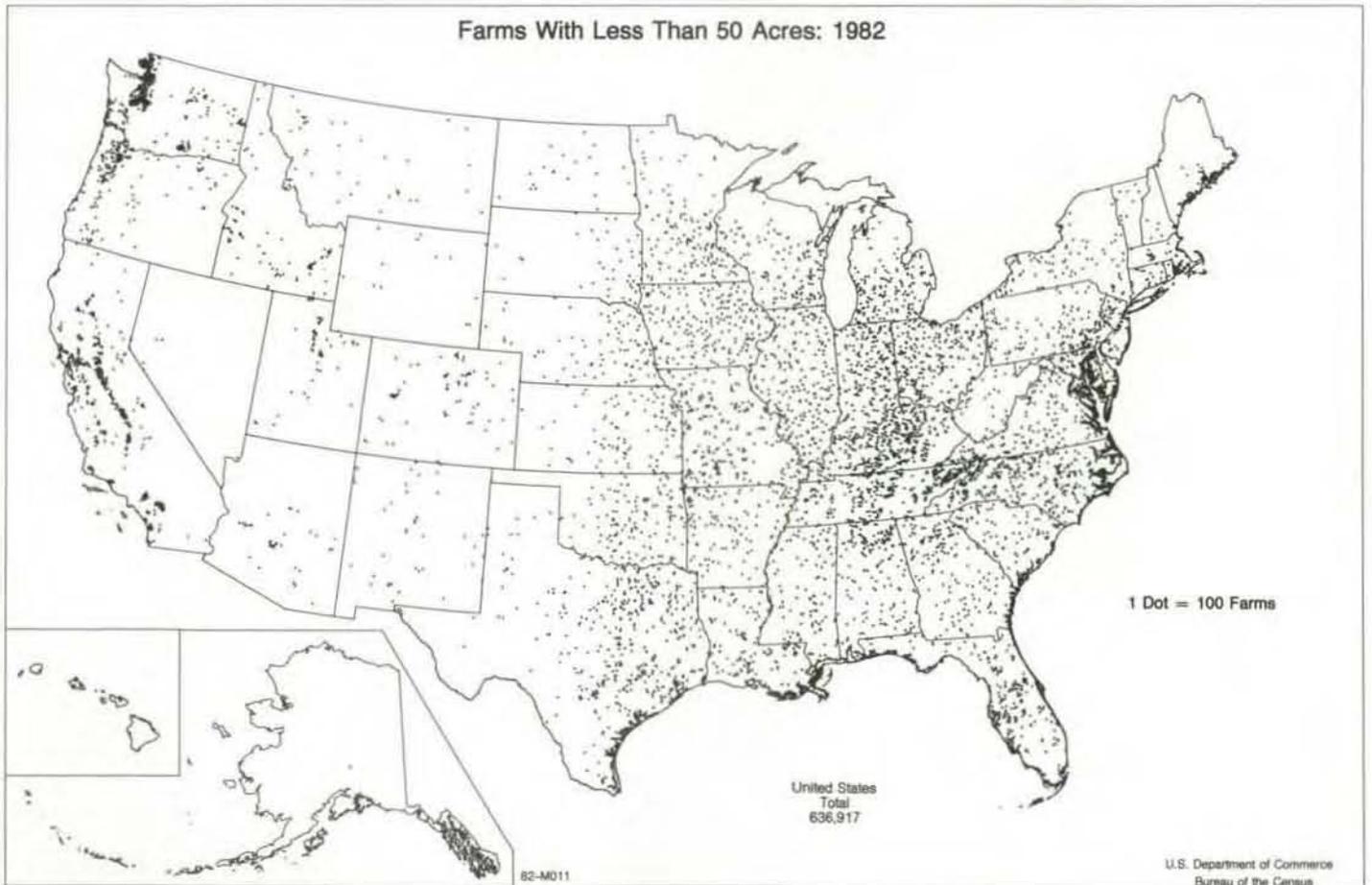
Average Size of Farm: 1982



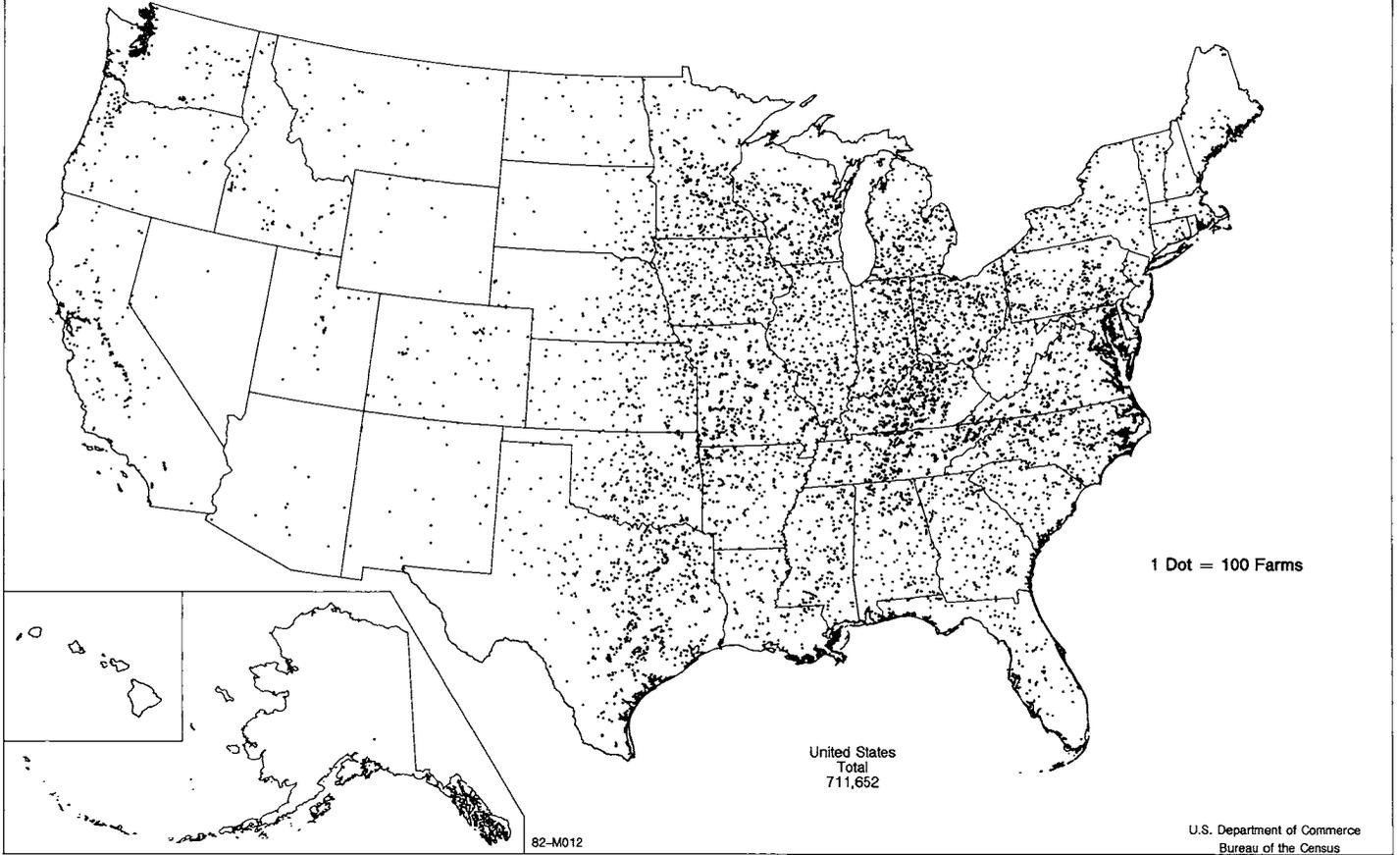
Average Size of Farm With Sales of \$10,000 or More: 1982



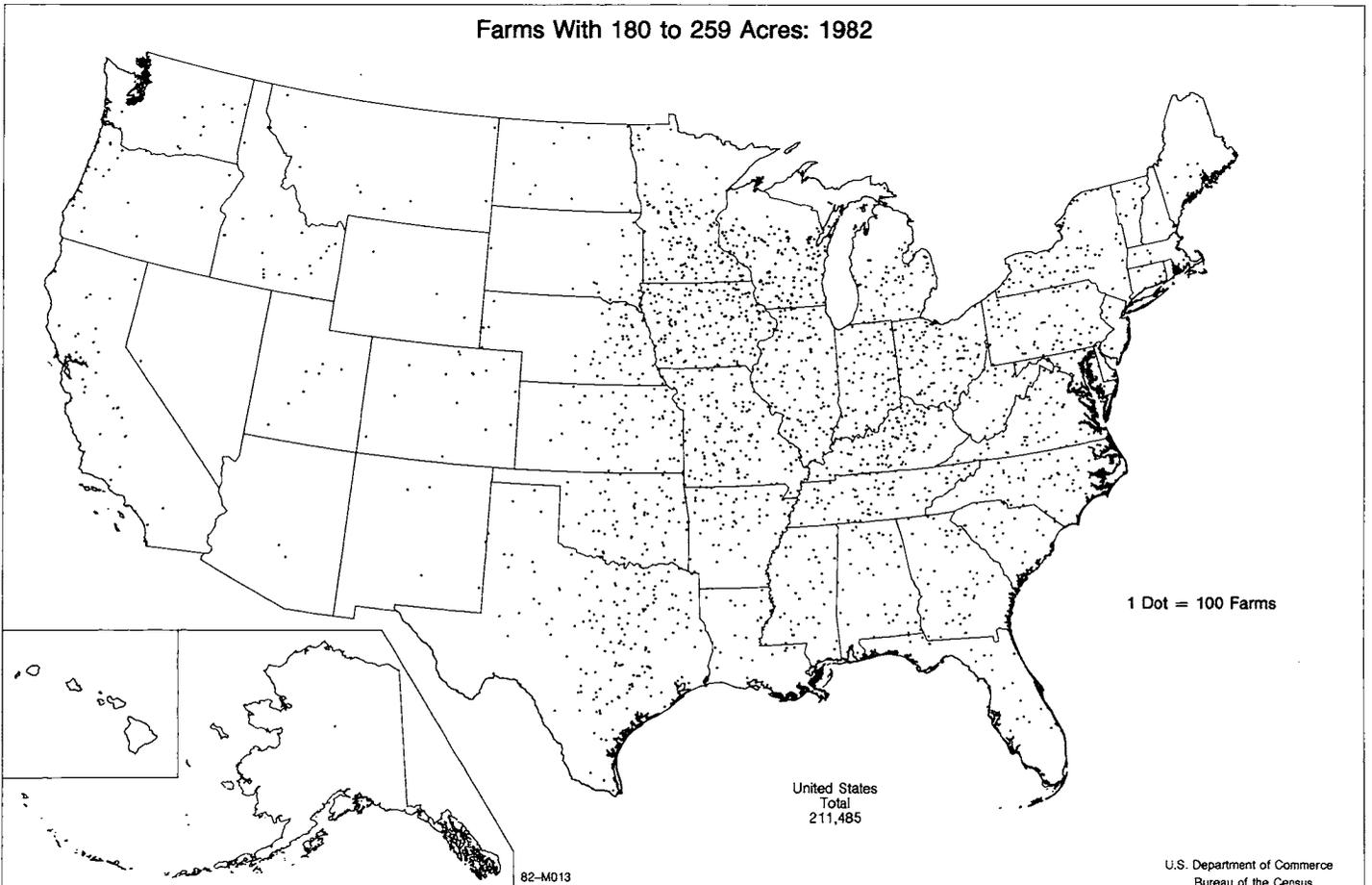
Farms With Less Than 50 Acres: 1982



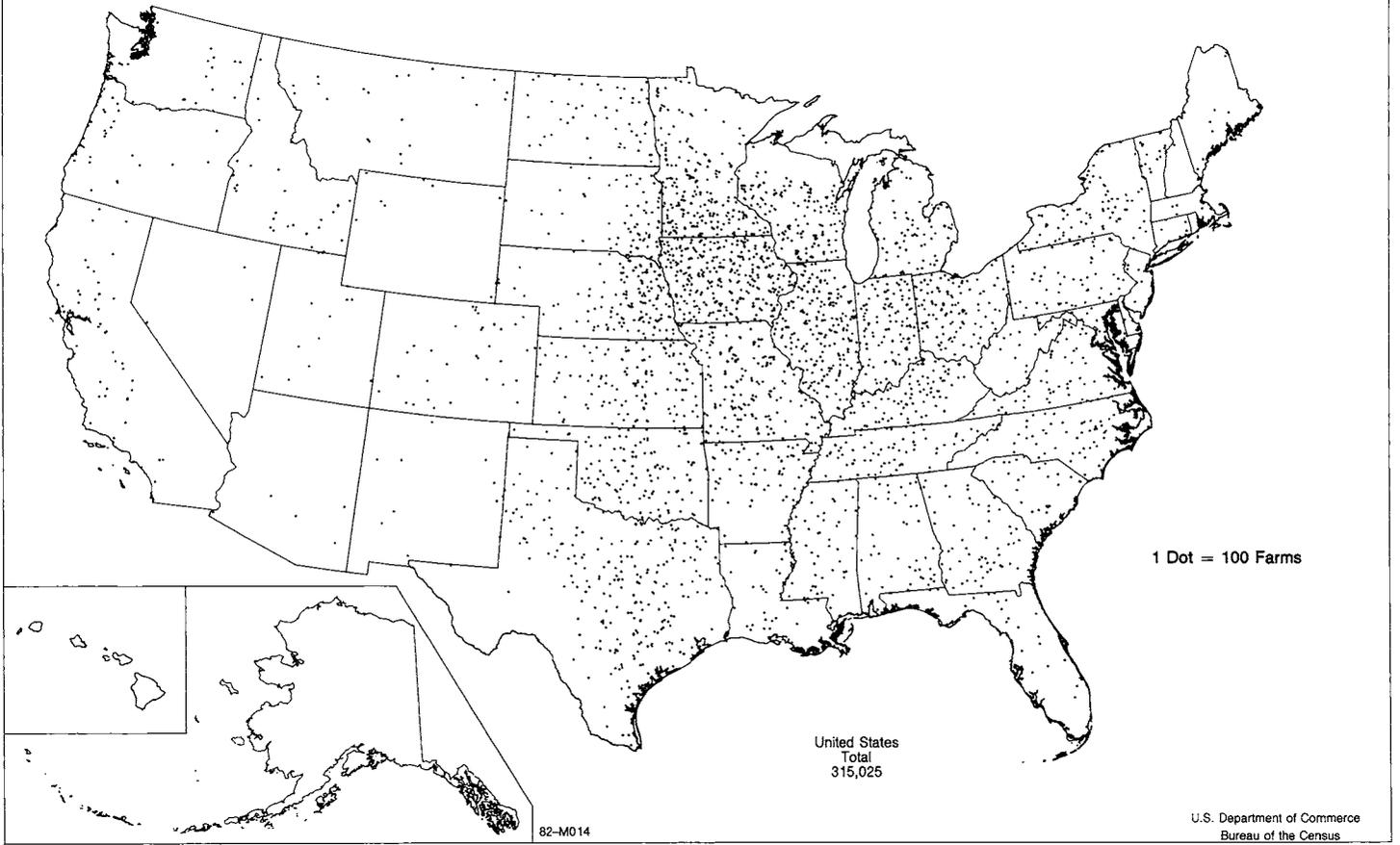
Farms With 50 to 179 Acres: 1982



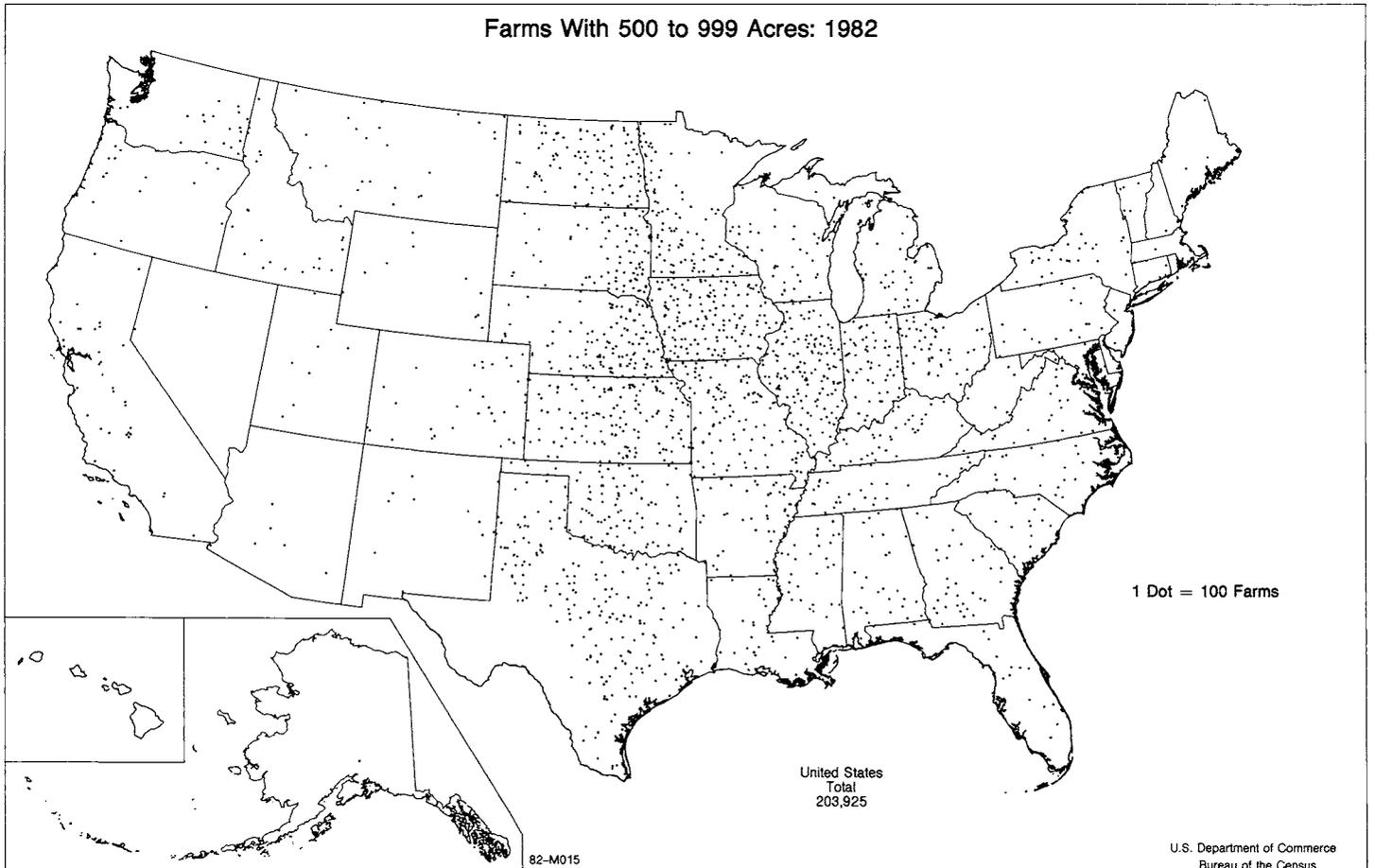
Farms With 180 to 259 Acres: 1982



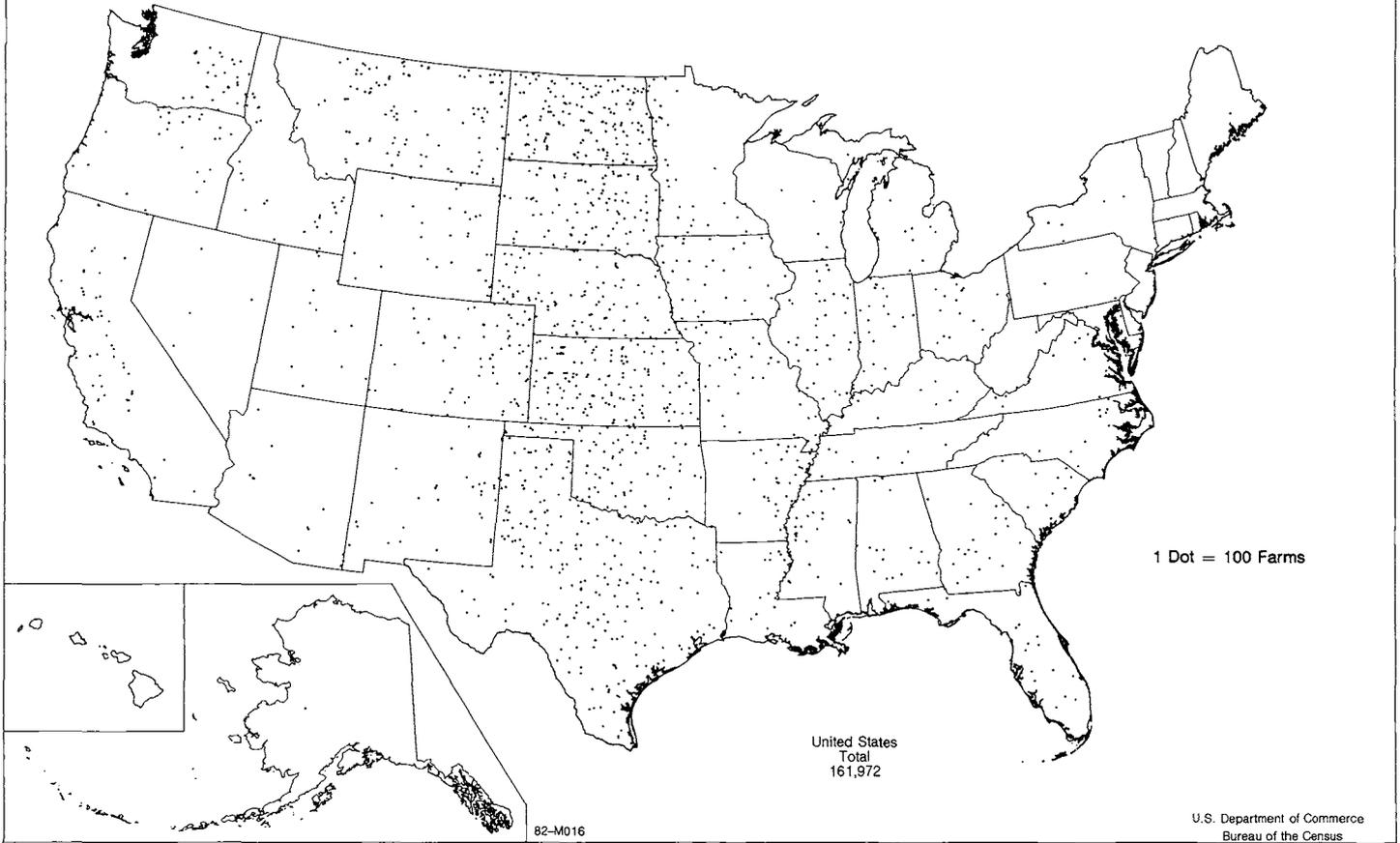
Farms With 260 to 499 Acres: 1982



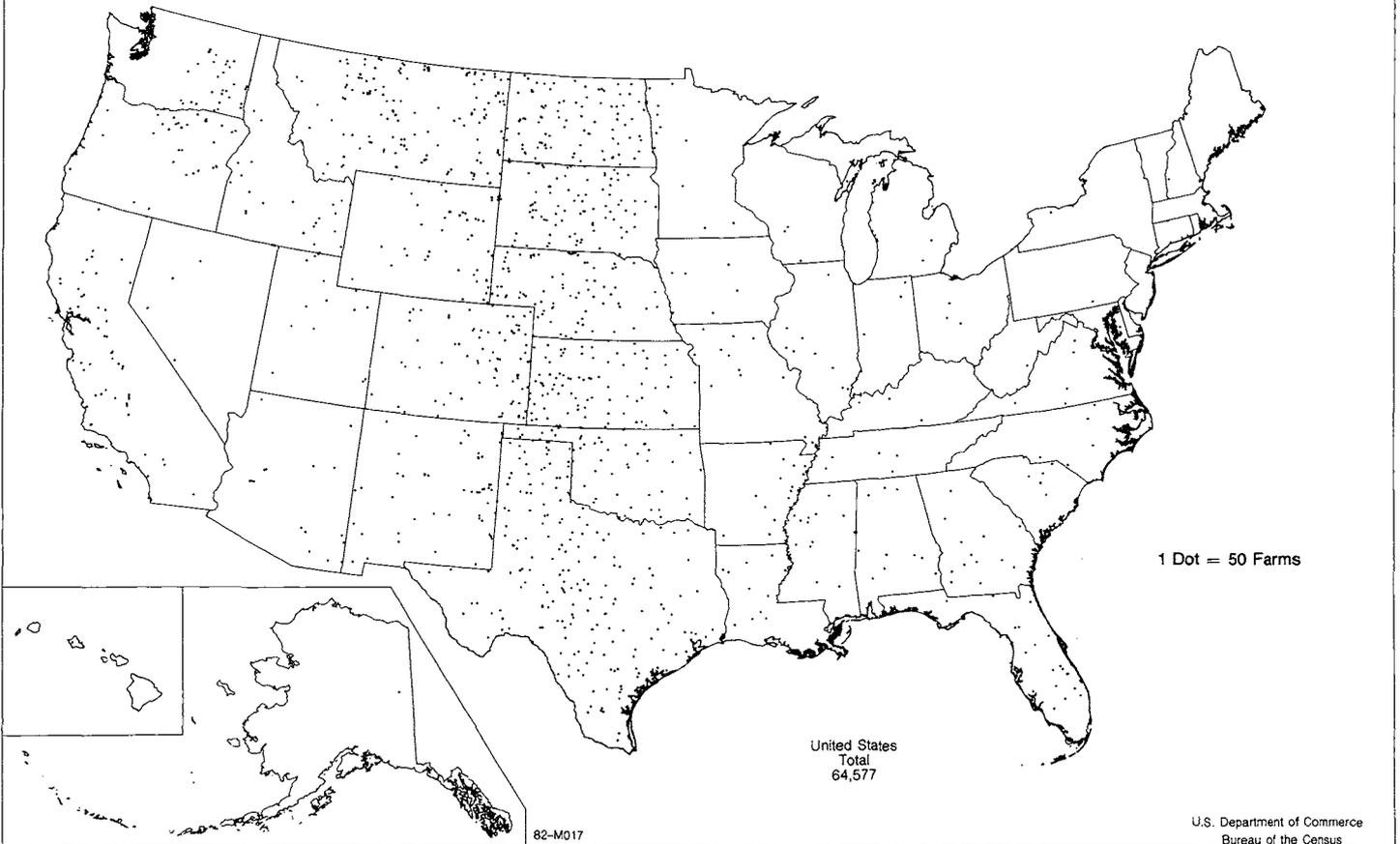
Farms With 500 to 999 Acres: 1982

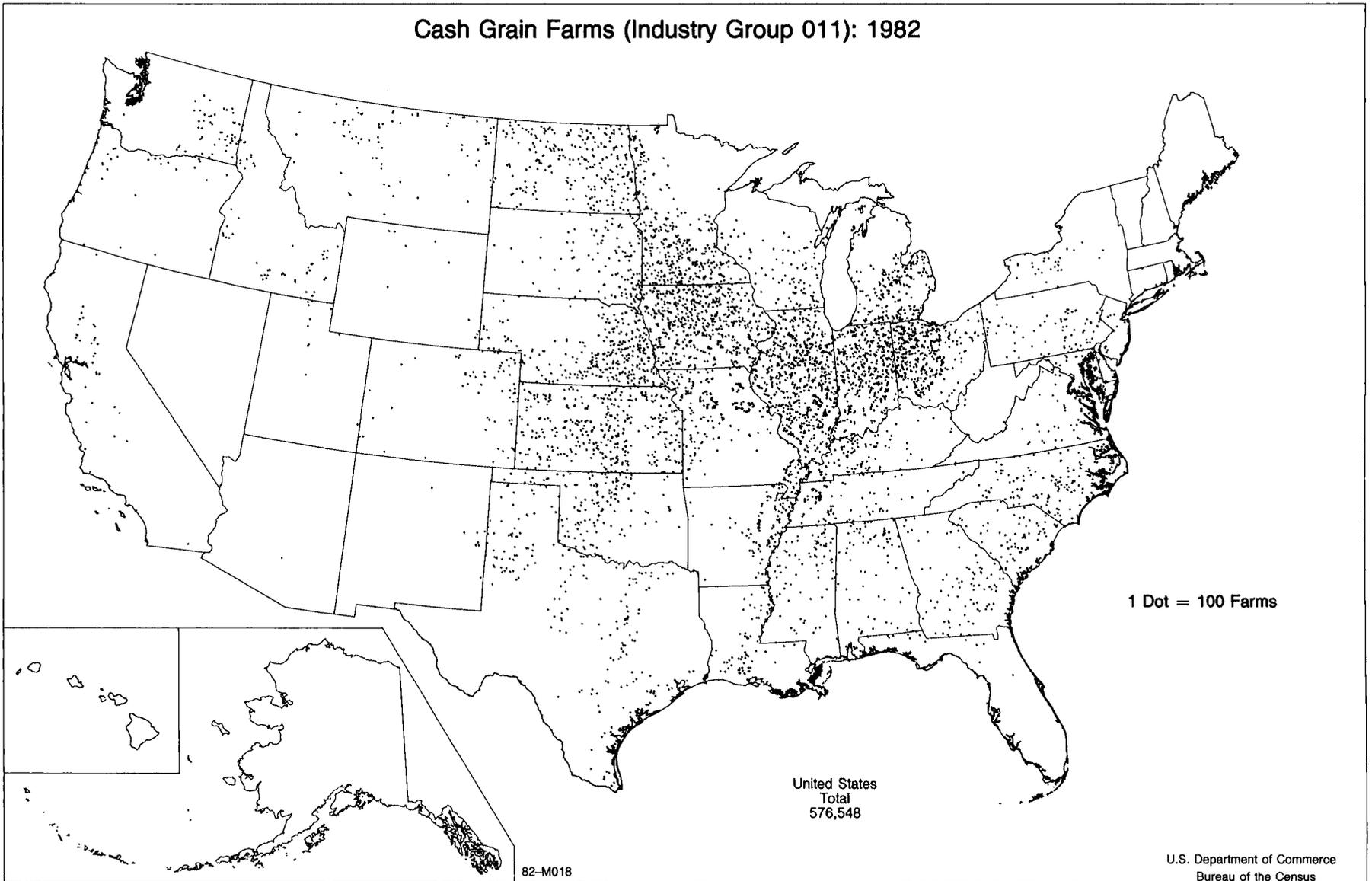


Farms With 1,000 Acres or More: 1982

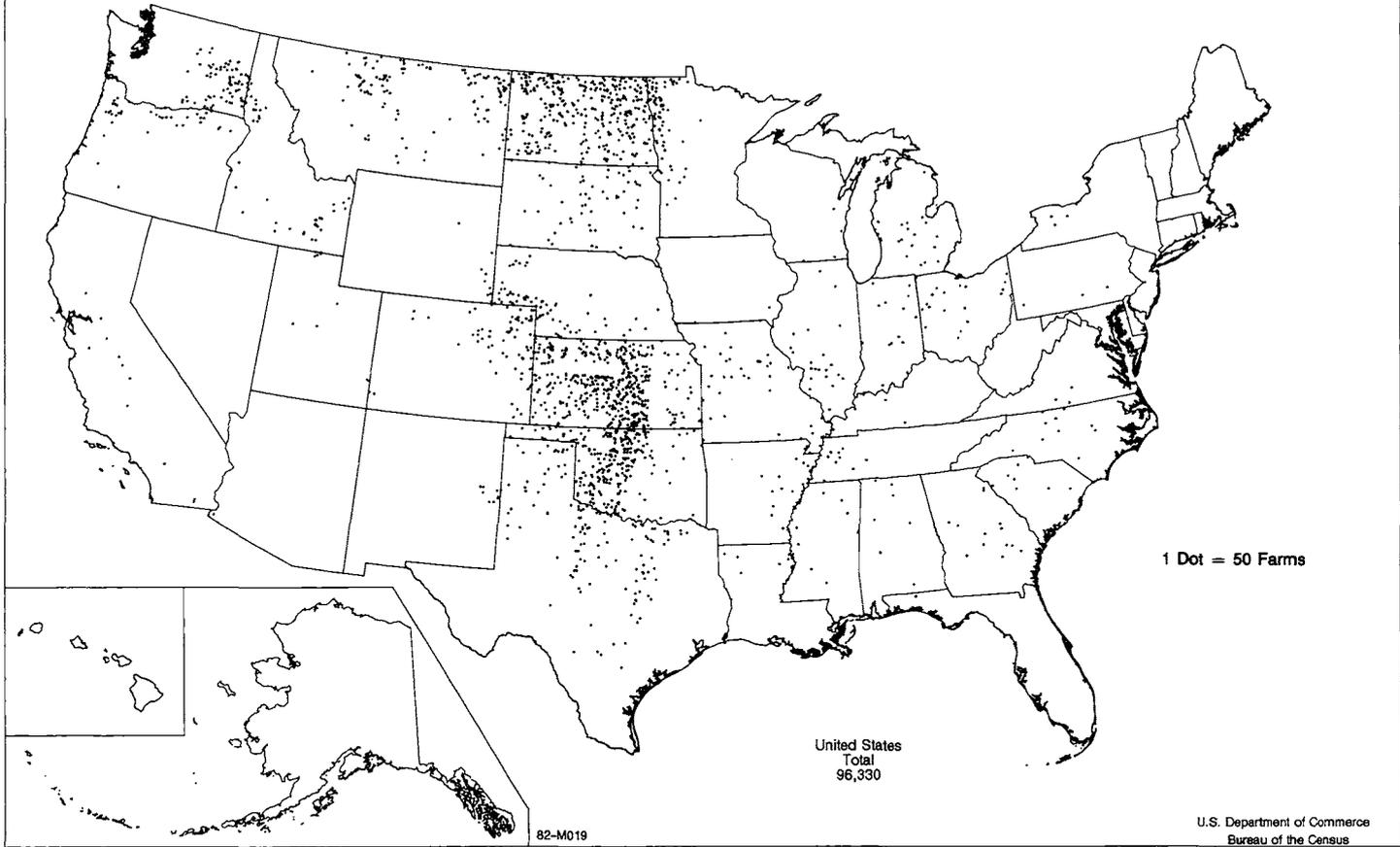


Farms With 2,000 Acres or More: 1982





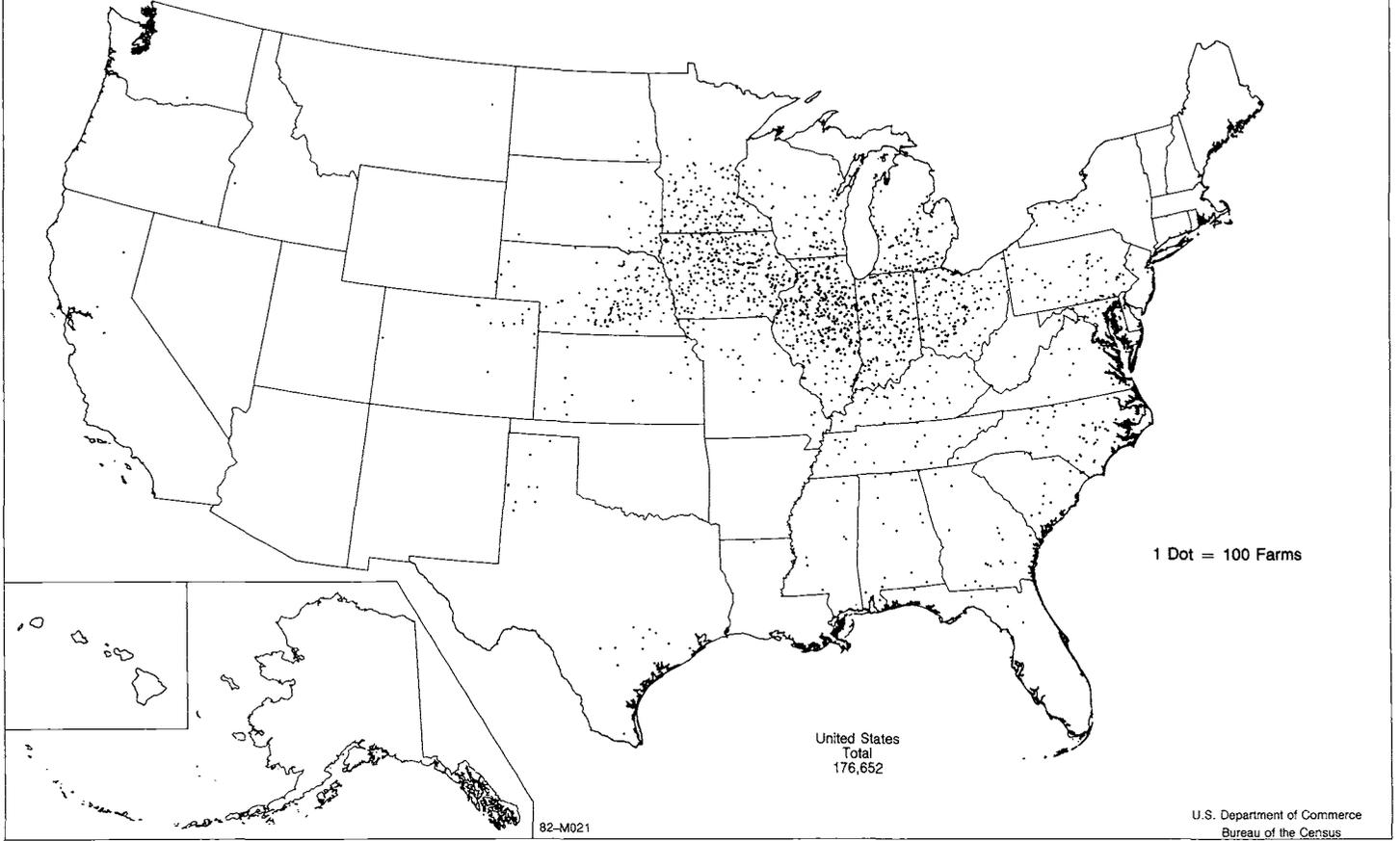
Wheat Farms (Industry 0111): 1982



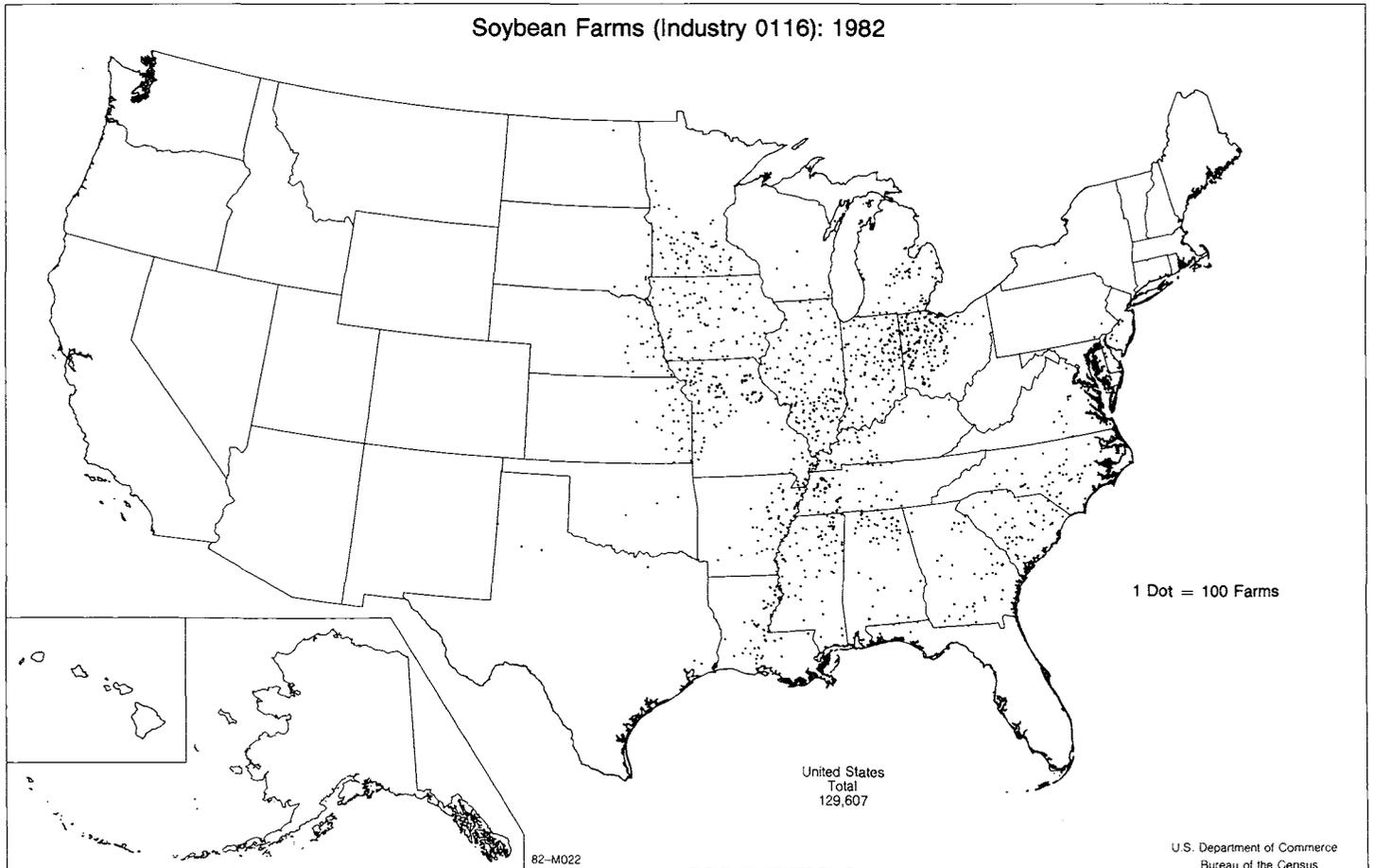
Rice Farms (Industry 0112): 1982

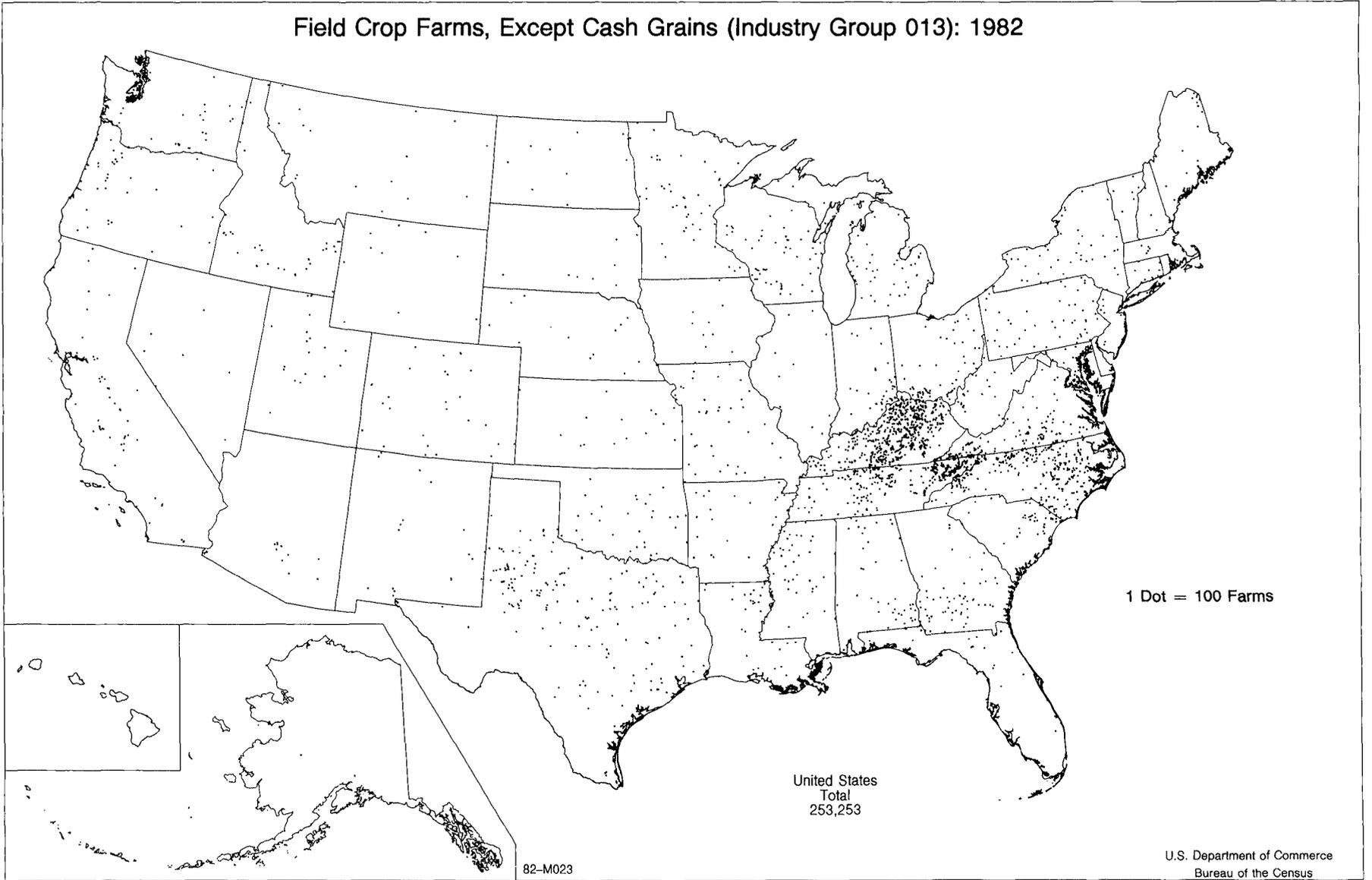


Corn Farms (Industry 0115): 1982



Soybean Farms (Industry 0116): 1982

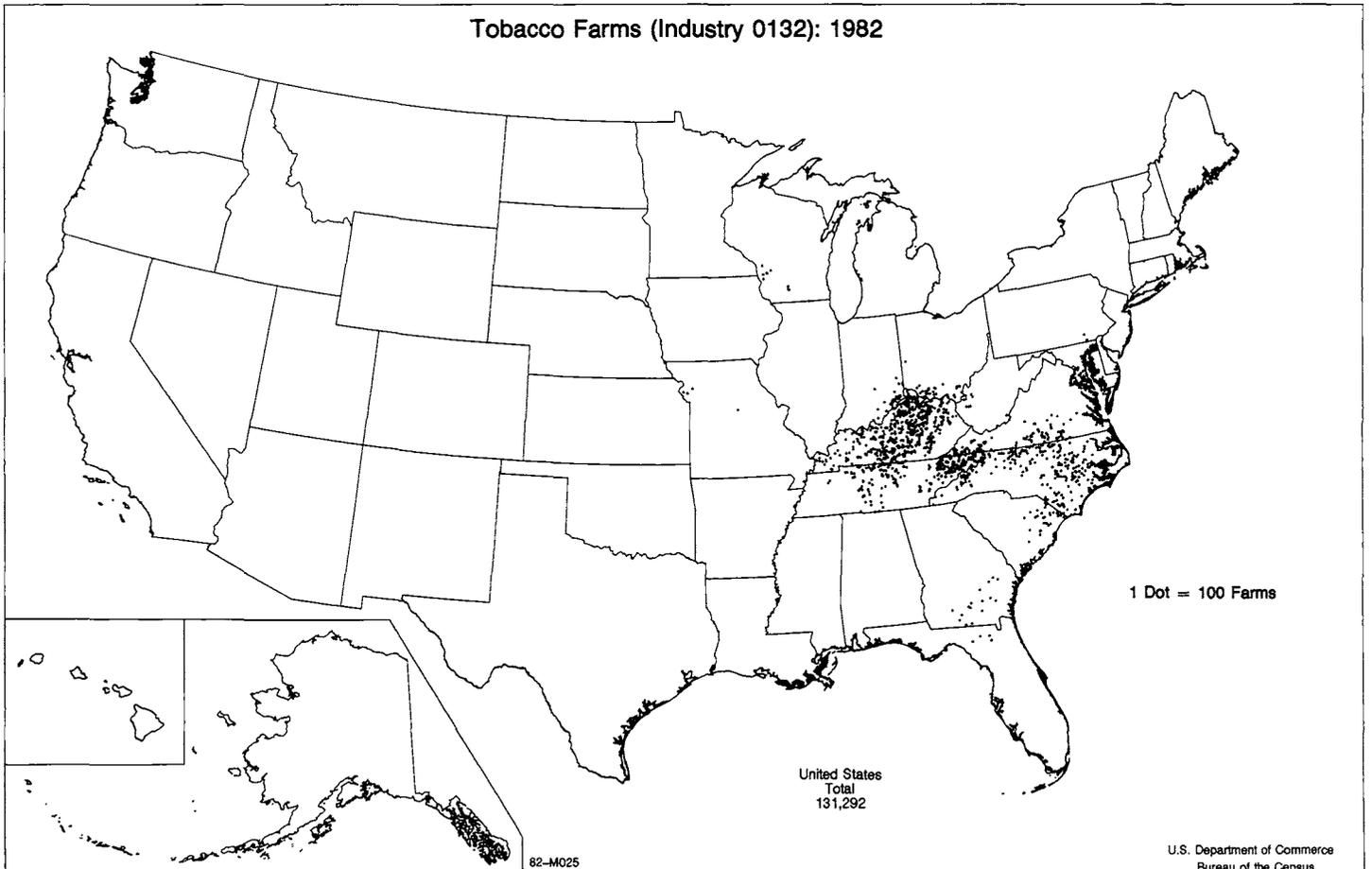




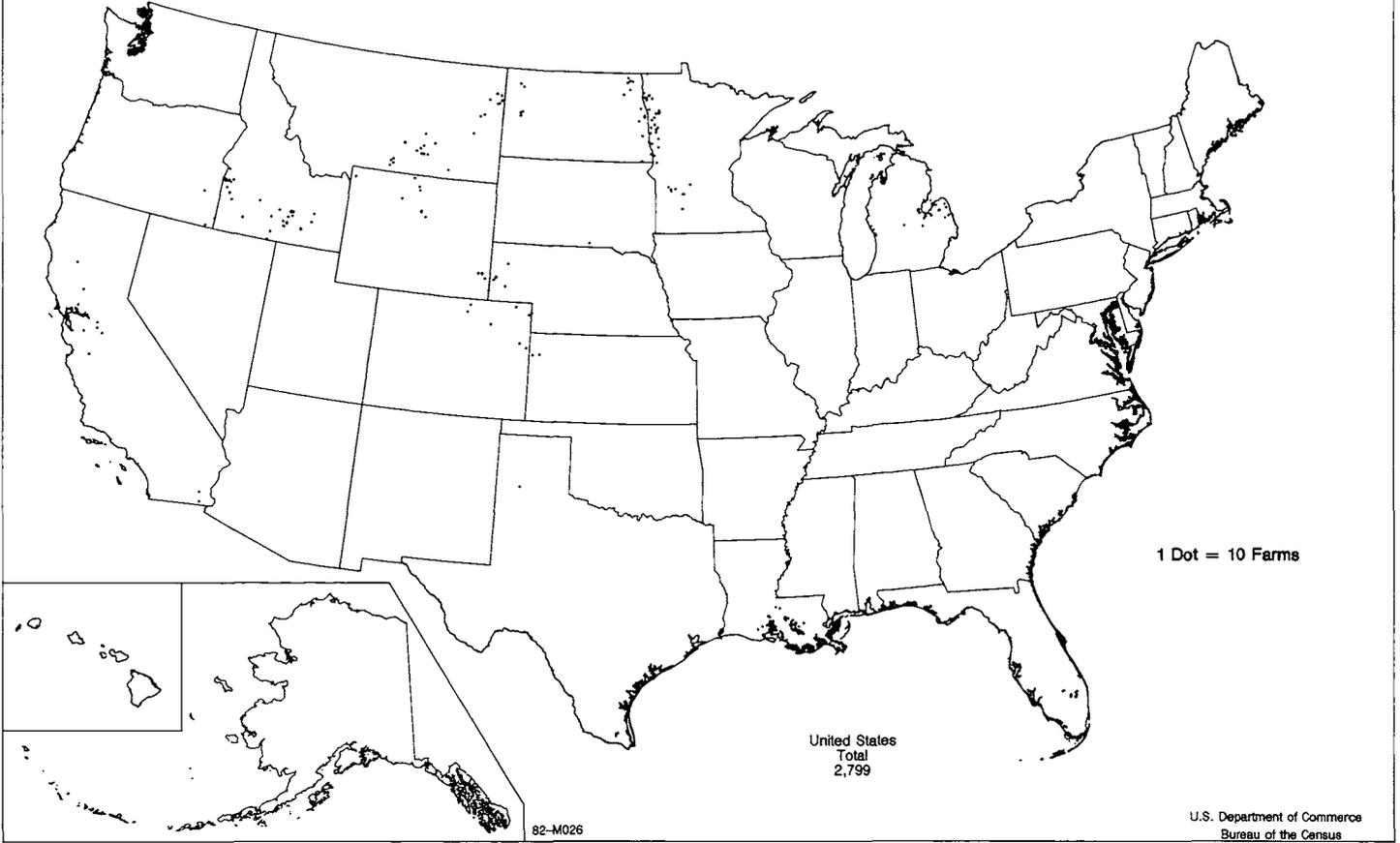
Cotton Farms (Industry 0131): 1982



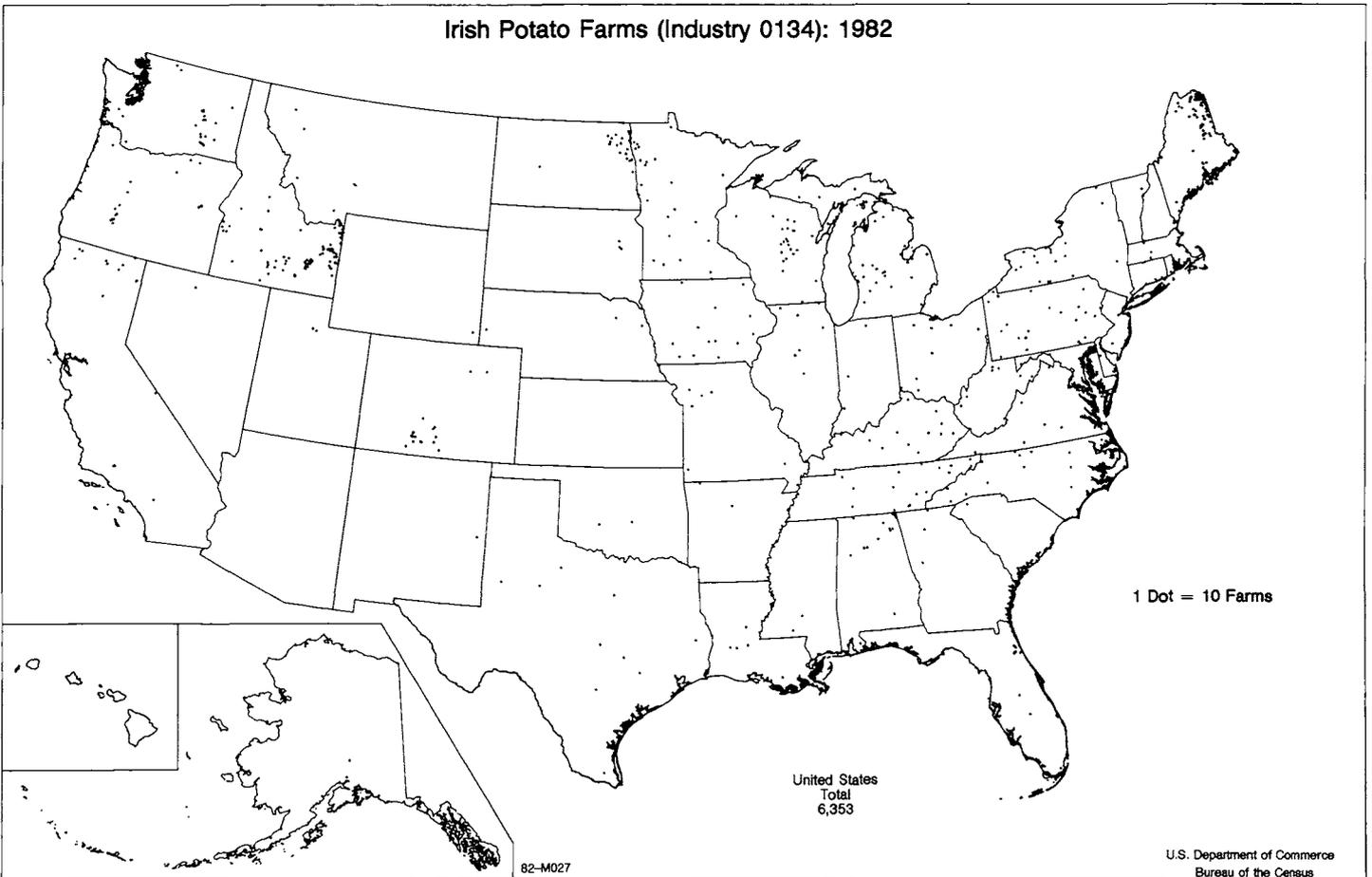
Tobacco Farms (Industry 0132): 1982



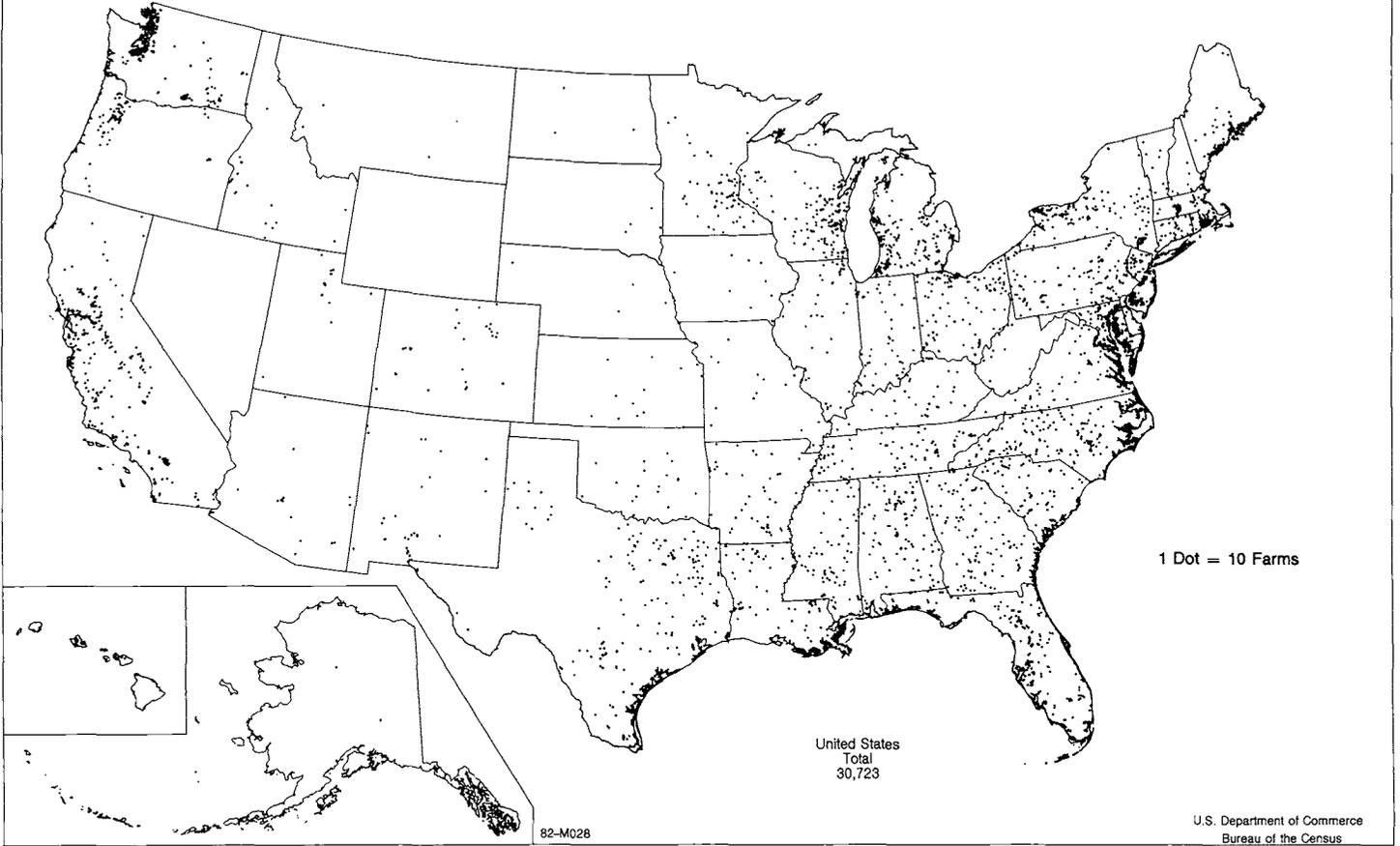
Sugar Crop Farms (Industry 0133): 1982



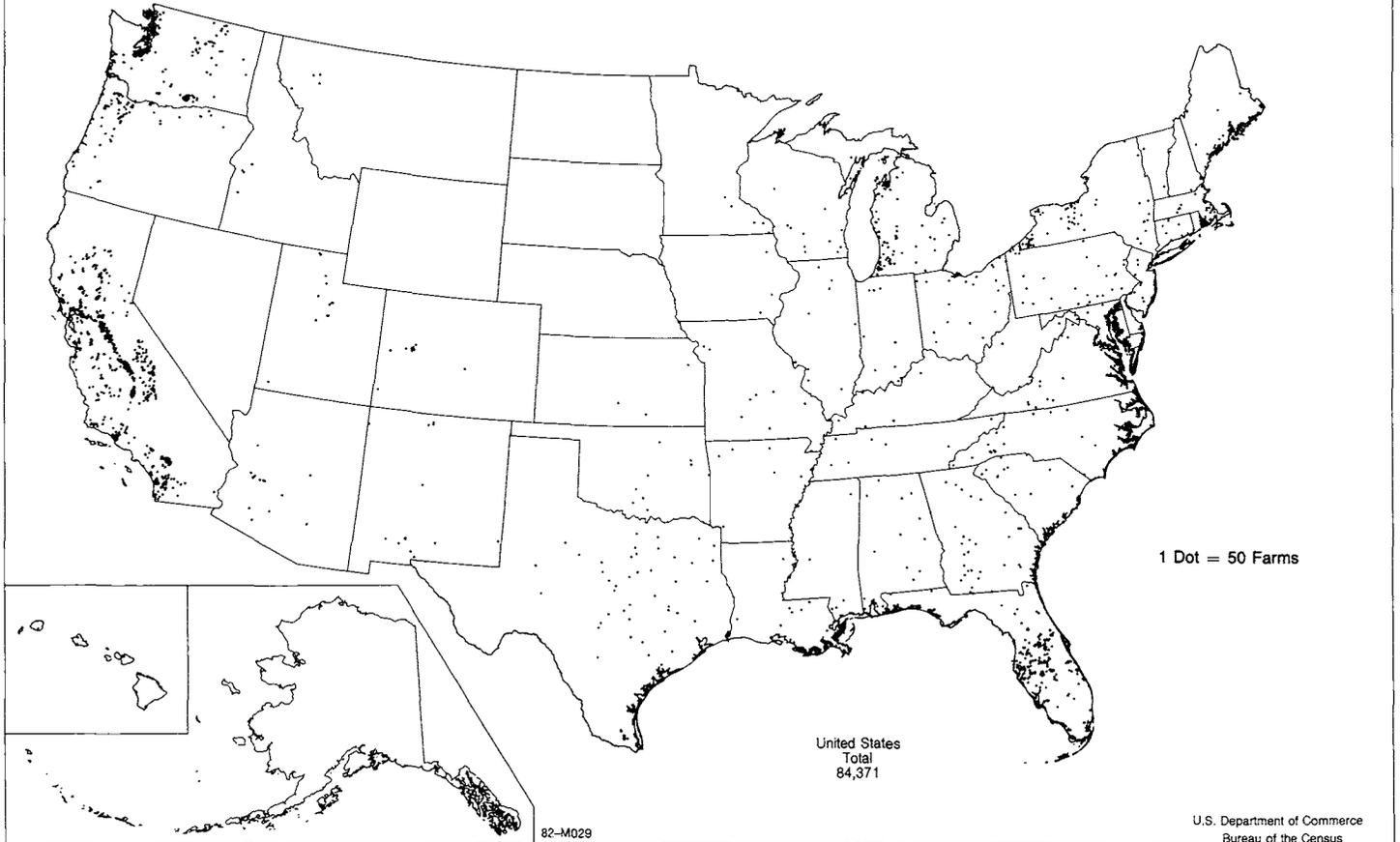
Irish Potato Farms (Industry 0134): 1982



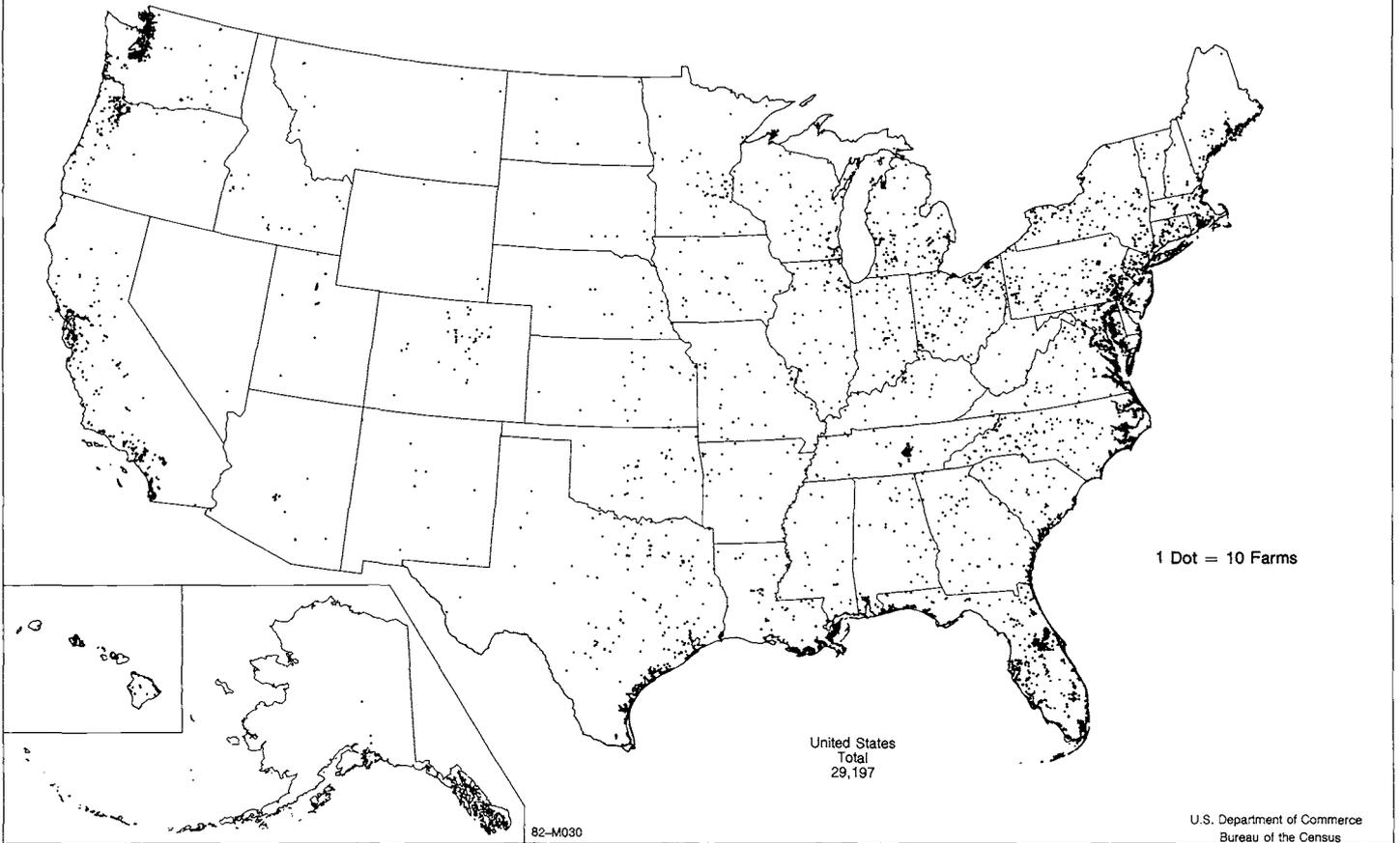
Vegetable and Melon Farms (Industry Group 016): 1982



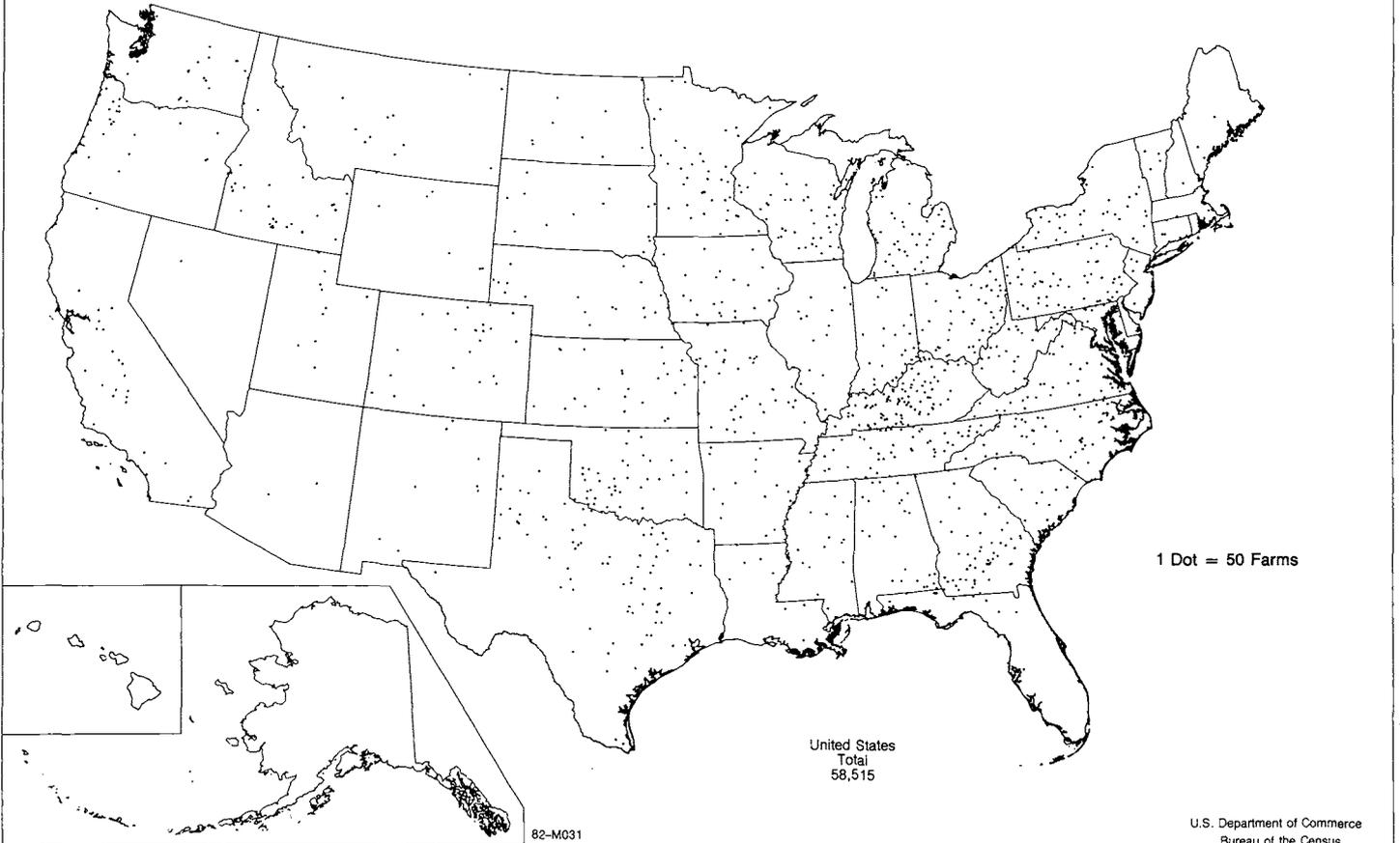
Fruit and Tree Nut Farms (Industry Group 017): 1982

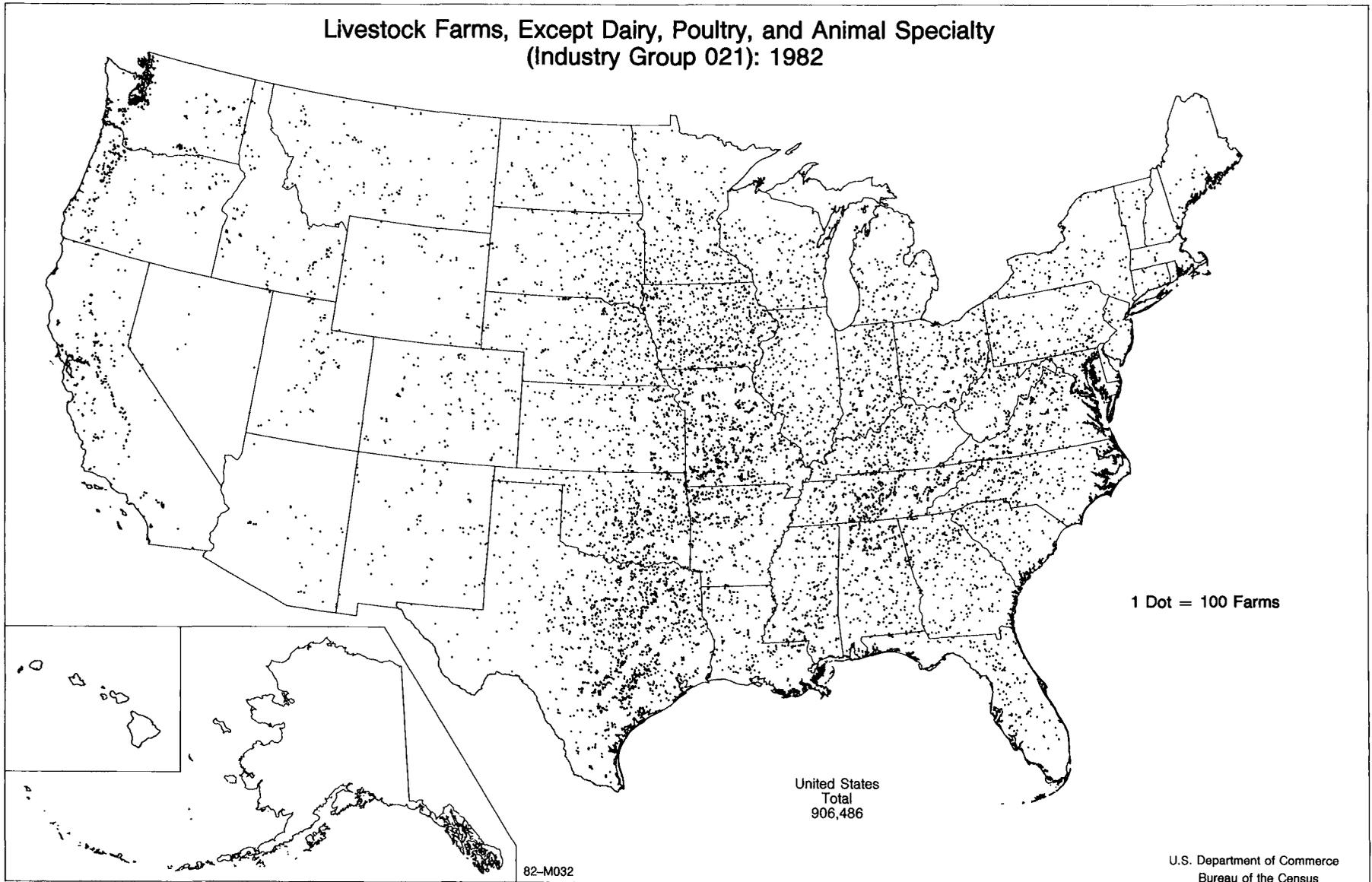


Horticultural Specialty Farms (Industry Group 018): 1982

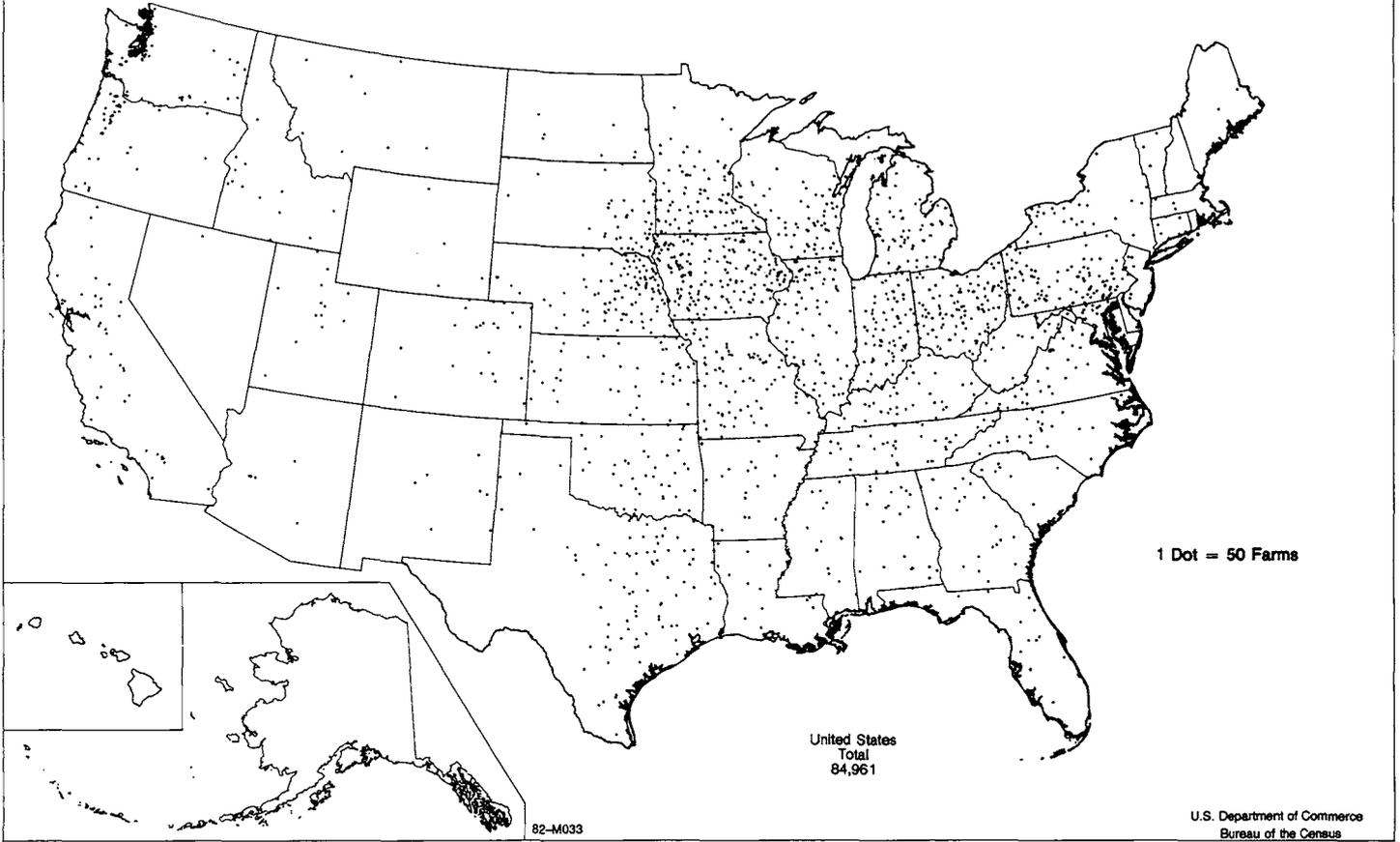


General Farms, Primarily Crop (Industry Group 019): 1982

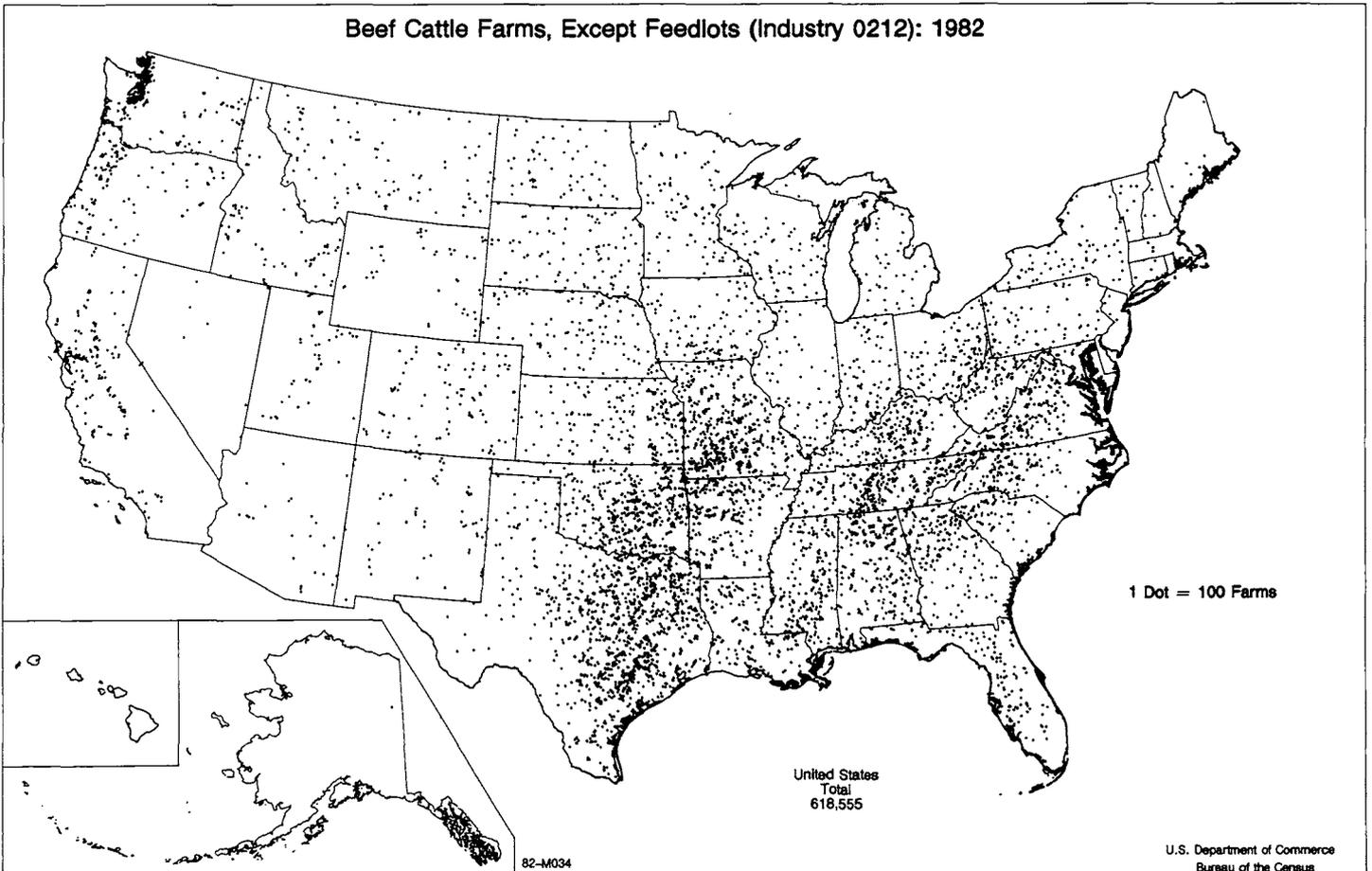




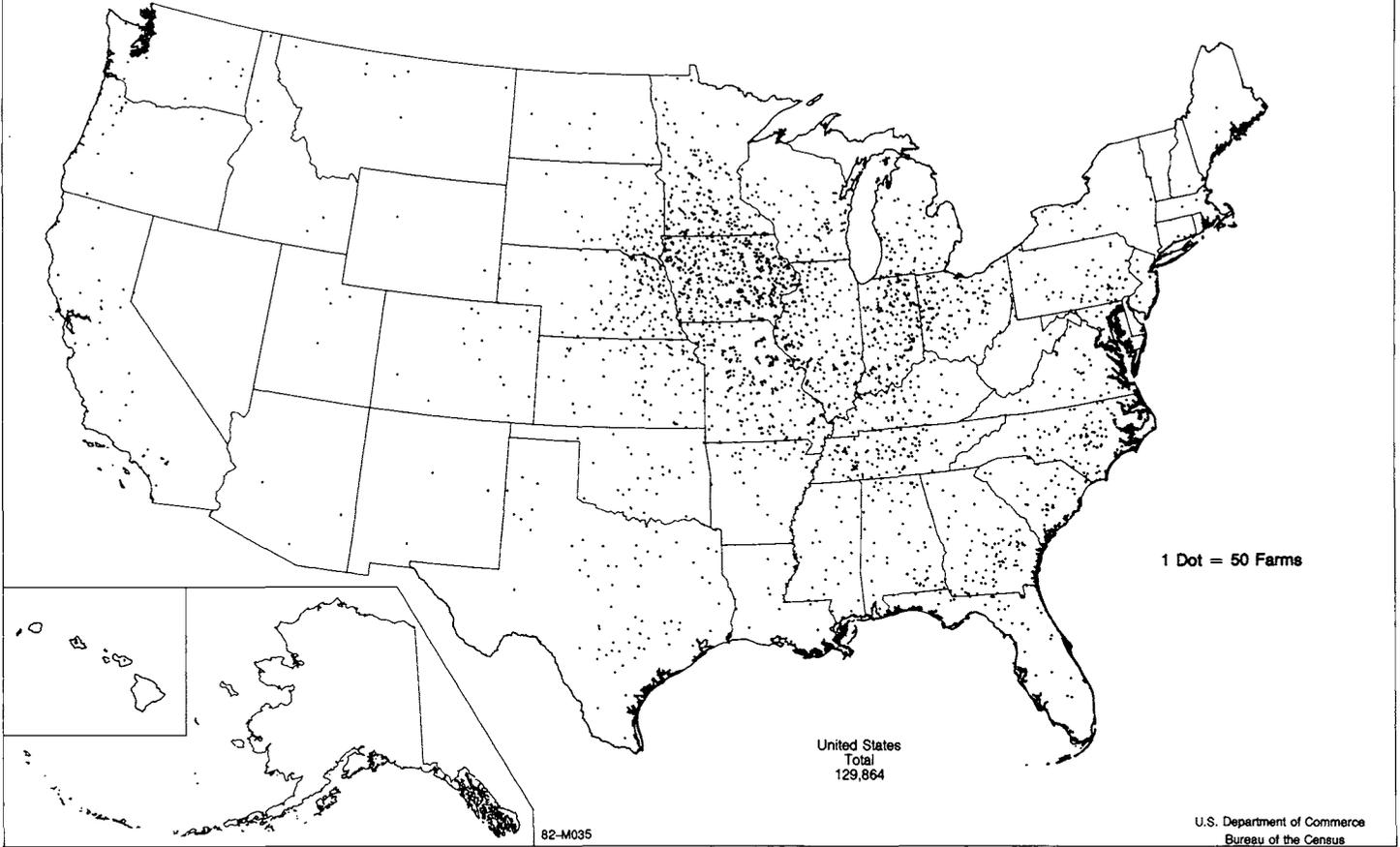
Beef Cattle Feedlots (Industry 0211): 1982



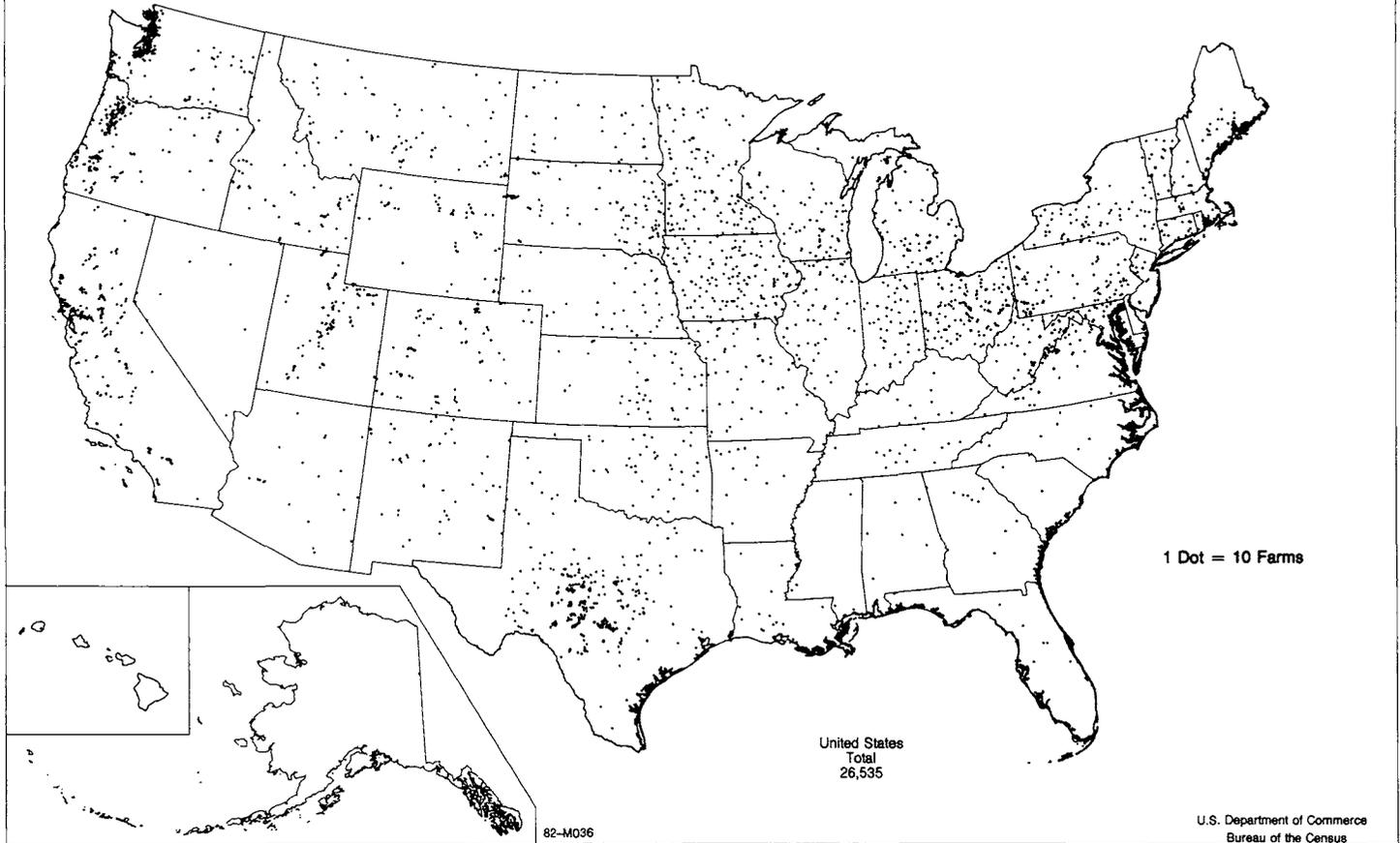
Beef Cattle Farms, Except Feedlots (Industry 0212): 1982



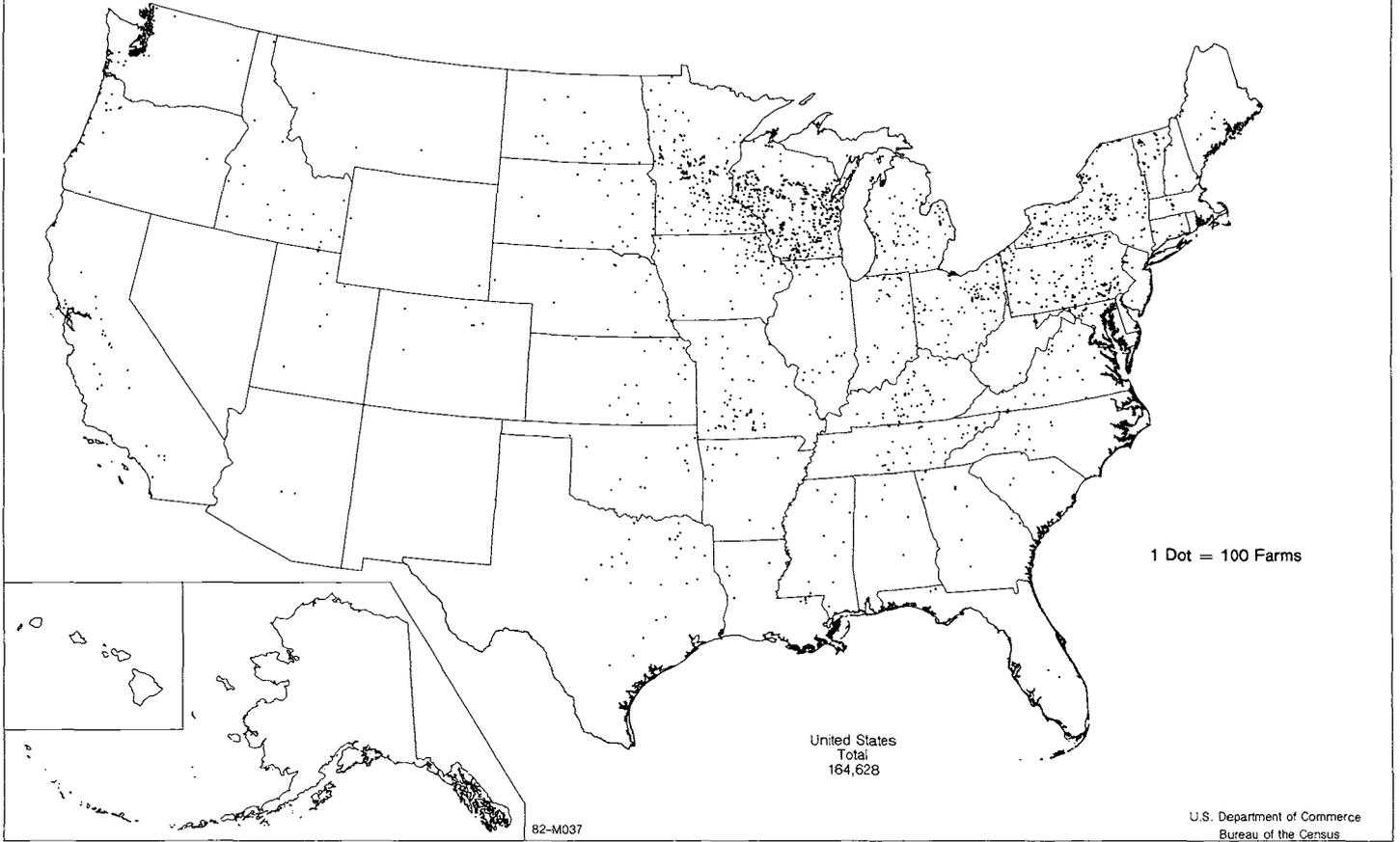
Hog Farms (Industry 0213): 1982



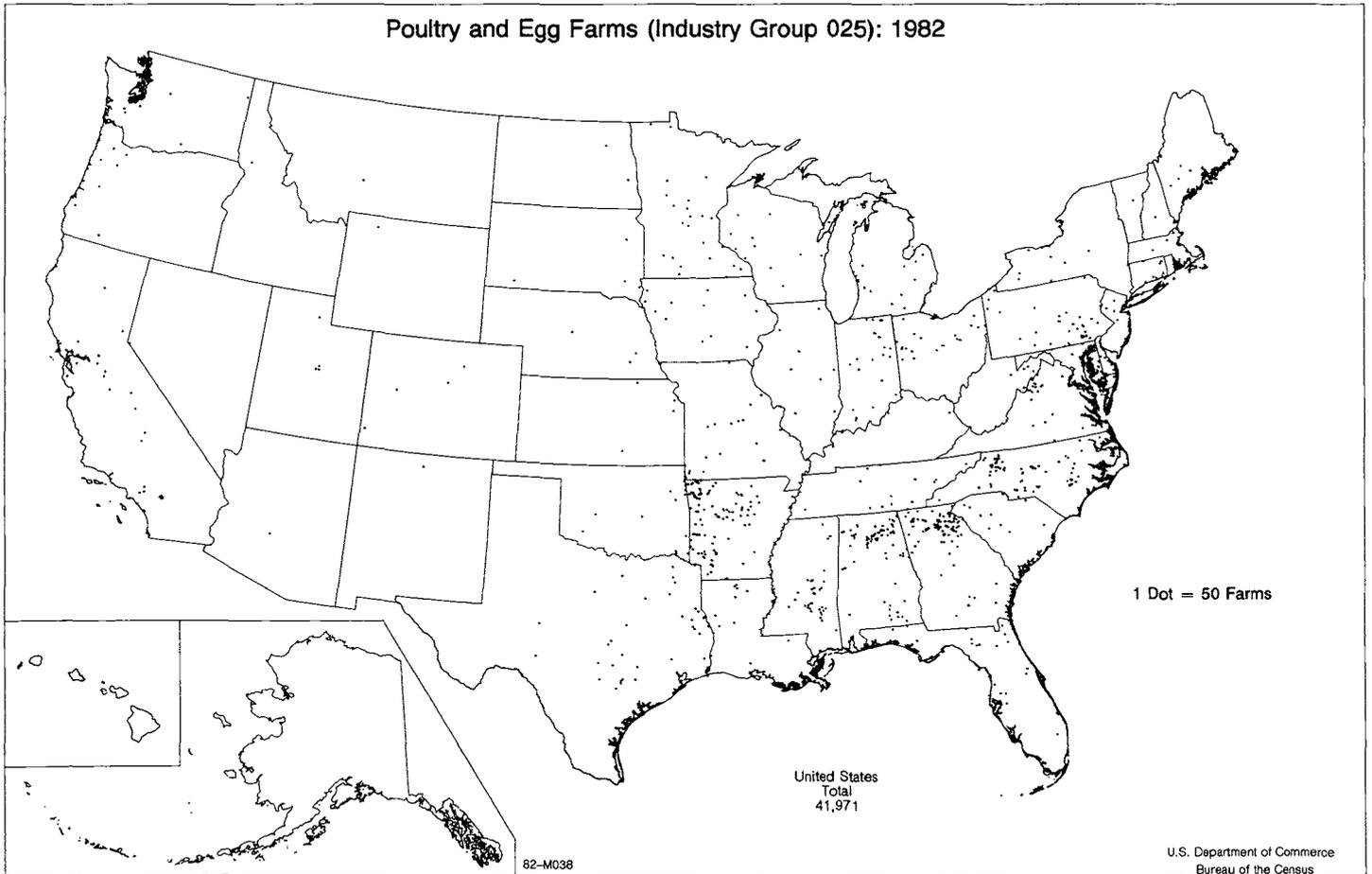
Sheep and Goat Farms (Industry 0214): 1982



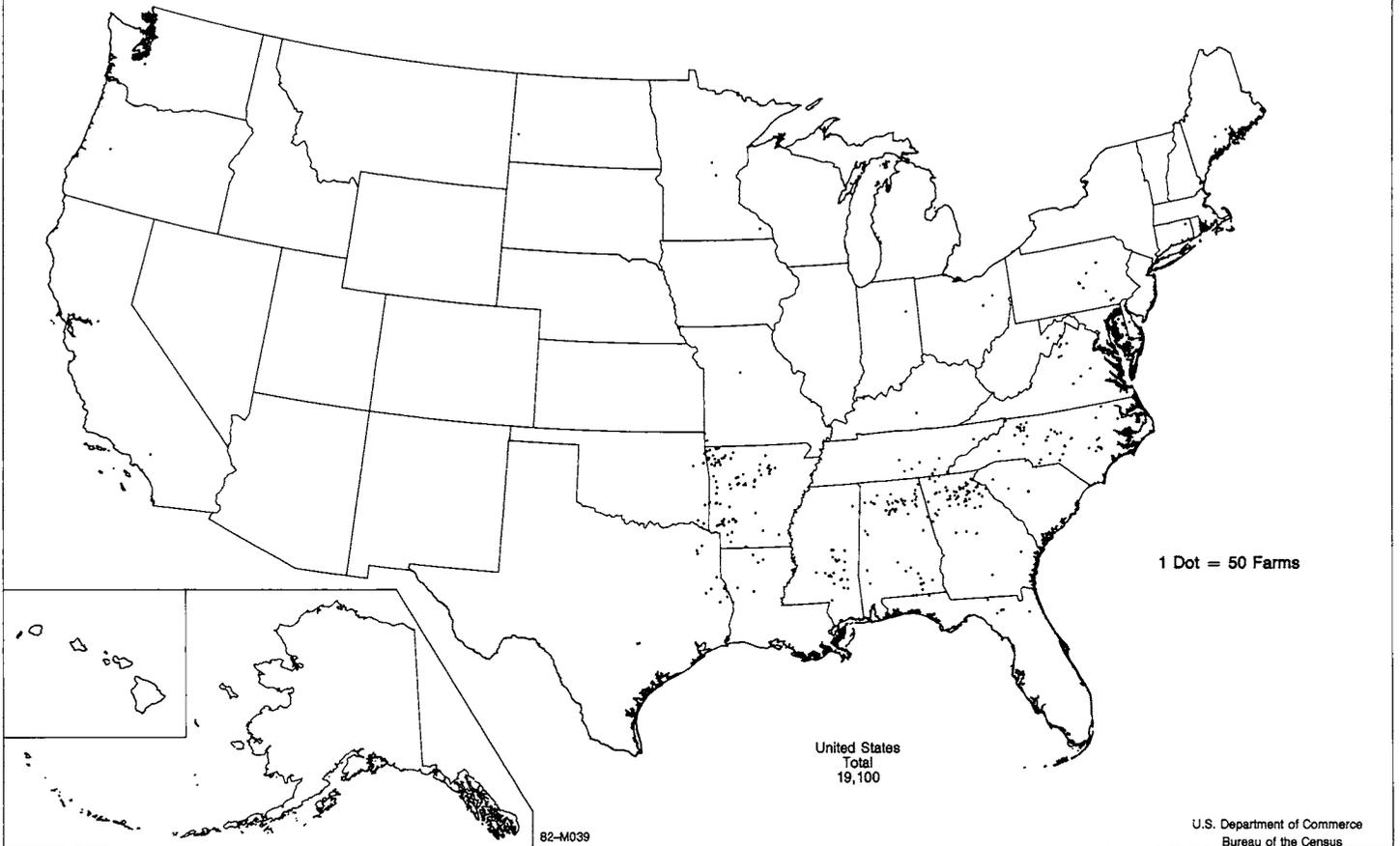
Dairy Farms (Industry Group 024): 1982



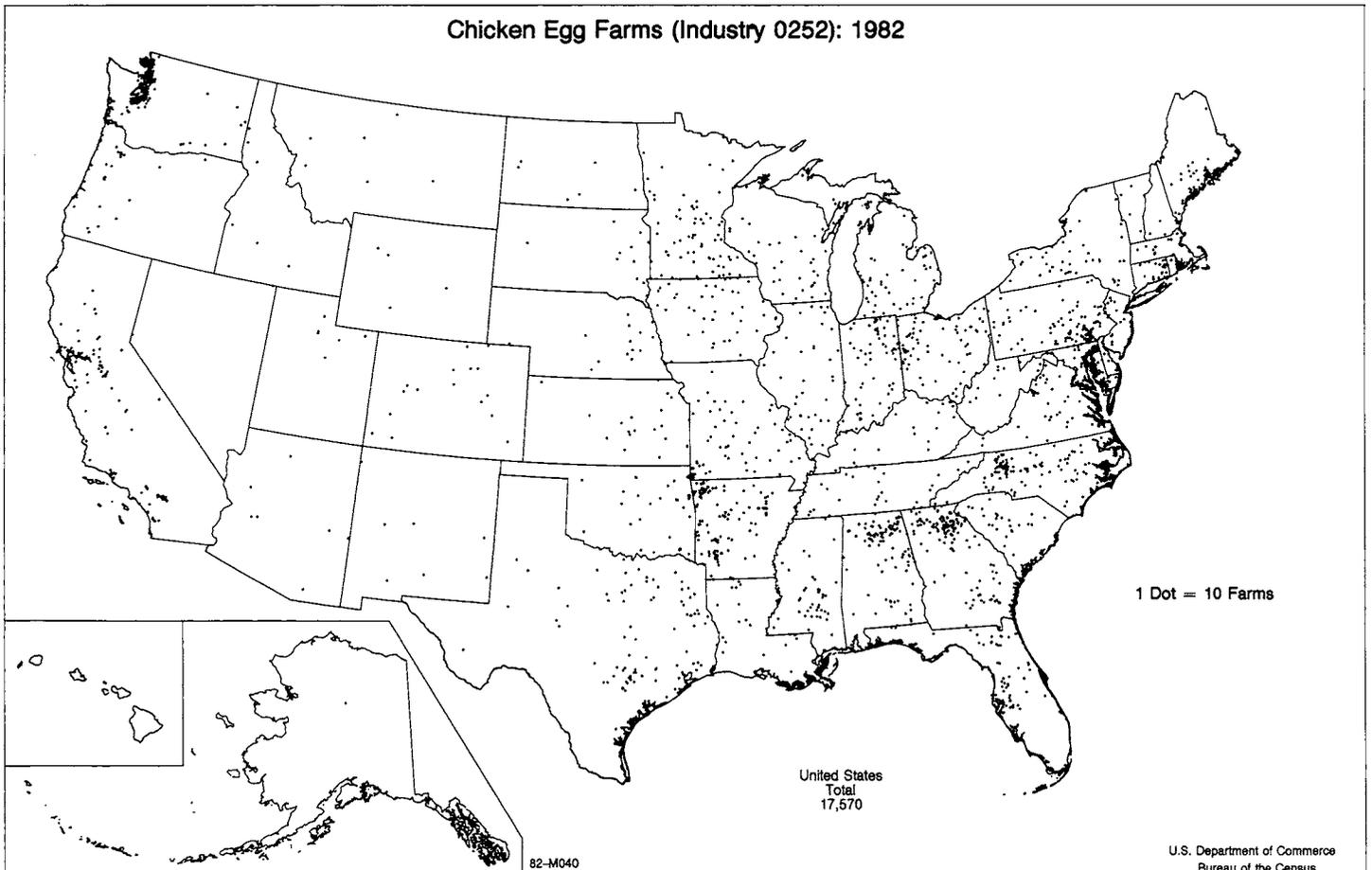
Poultry and Egg Farms (Industry Group 025): 1982



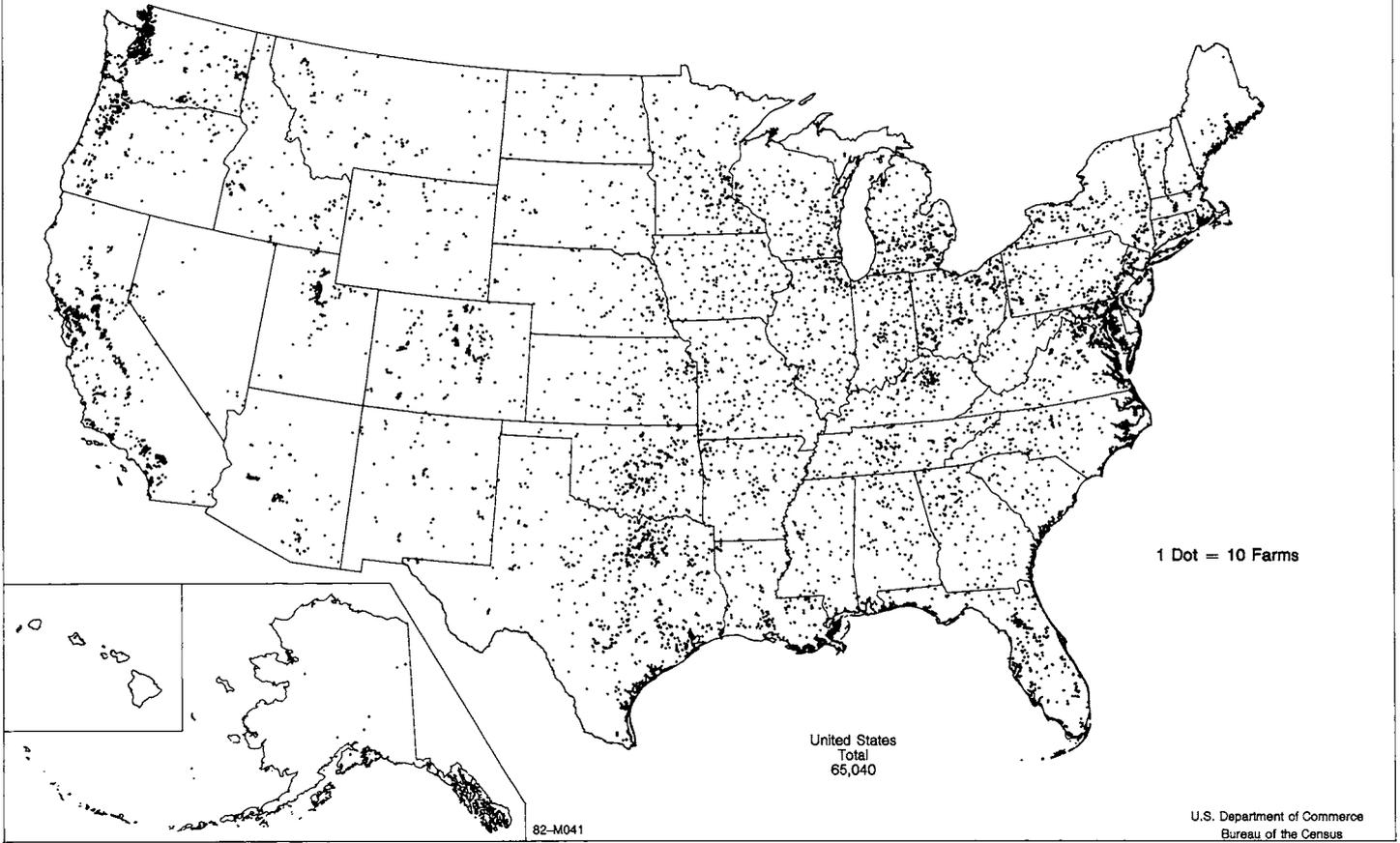
Broiler, Fryer and Roaster Chicken Farms: (Industry 0251): 1982



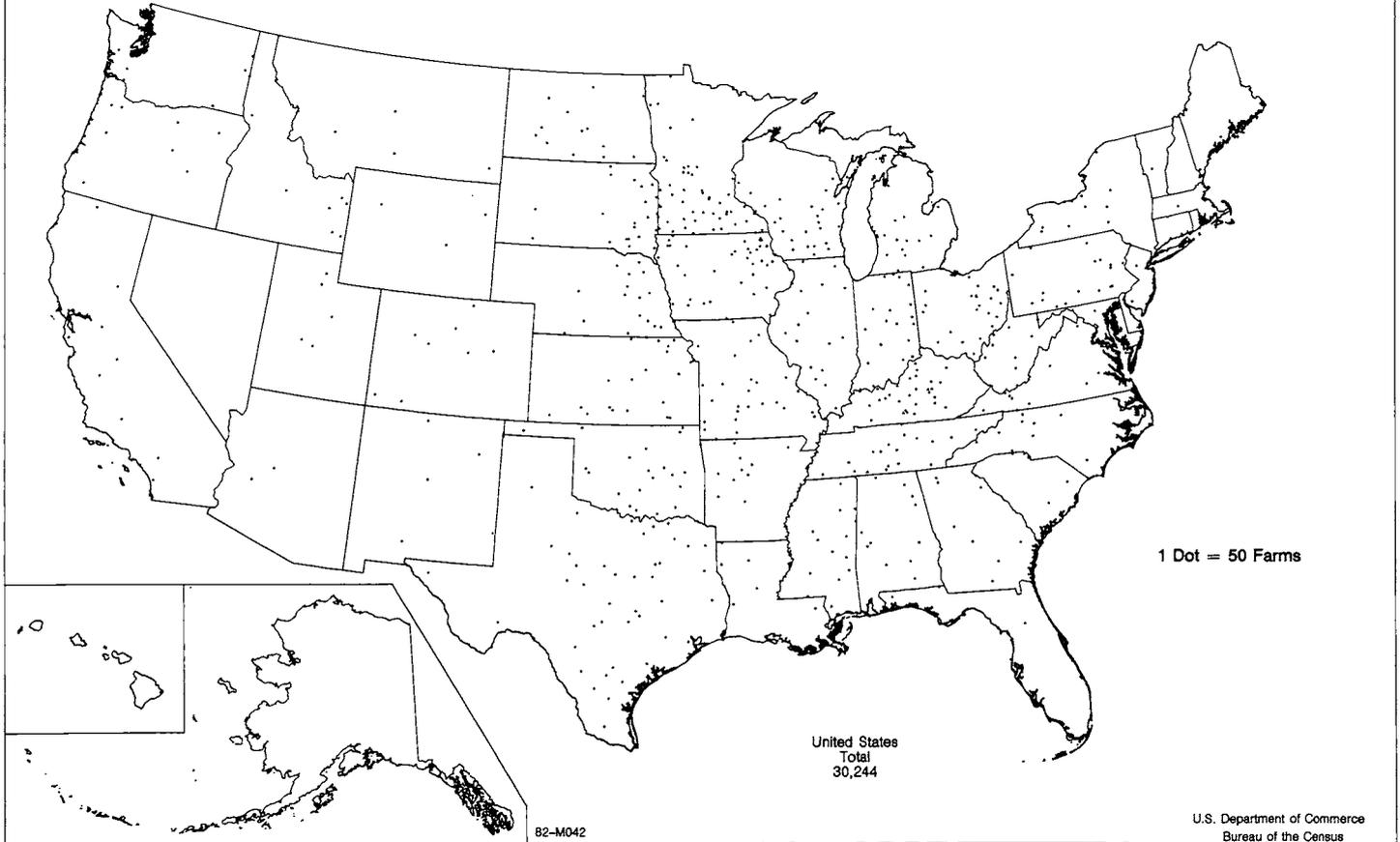
Chicken Egg Farms (Industry 0252): 1982



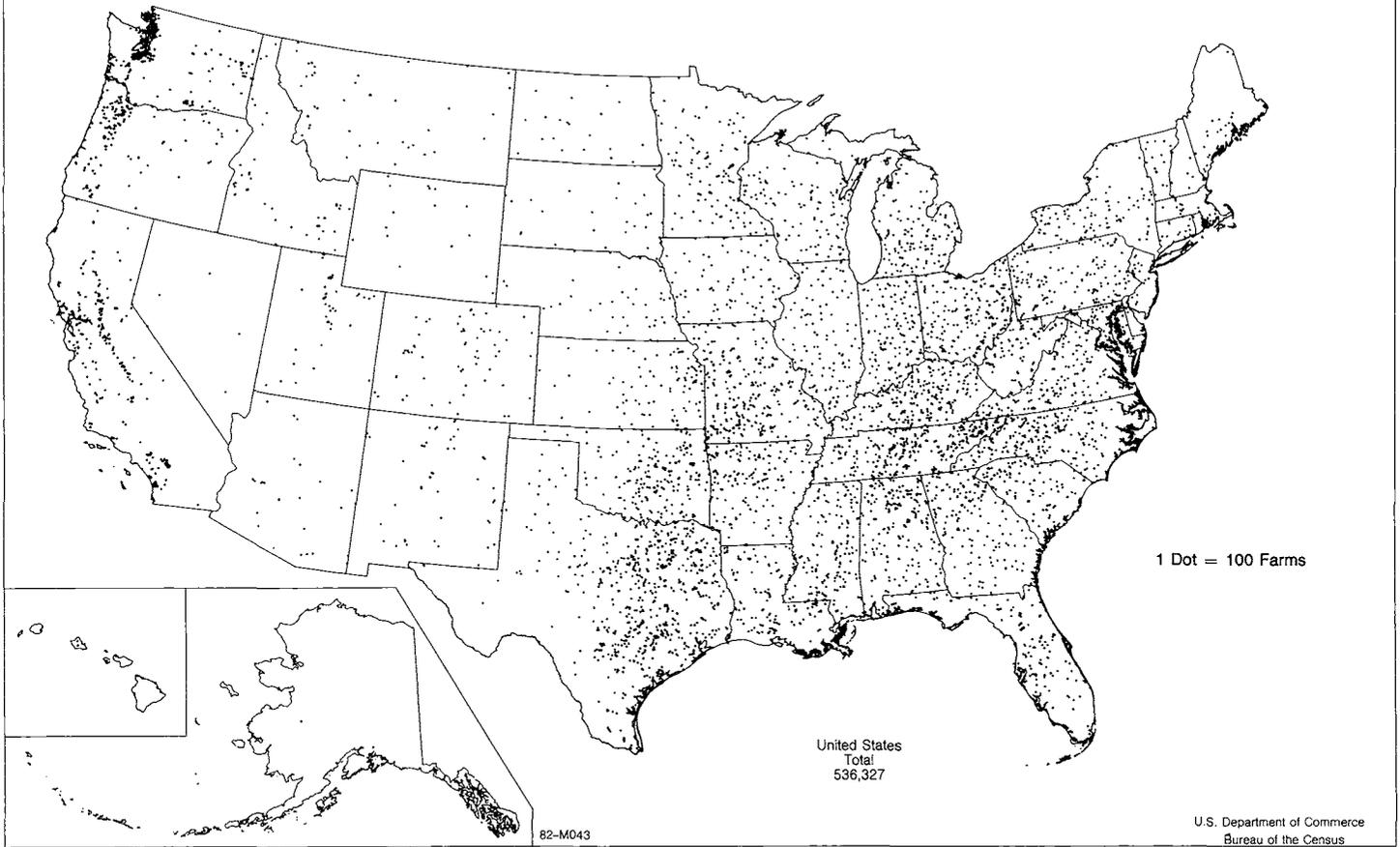
Animal Specialty Farms (Industry Group 027): 1982



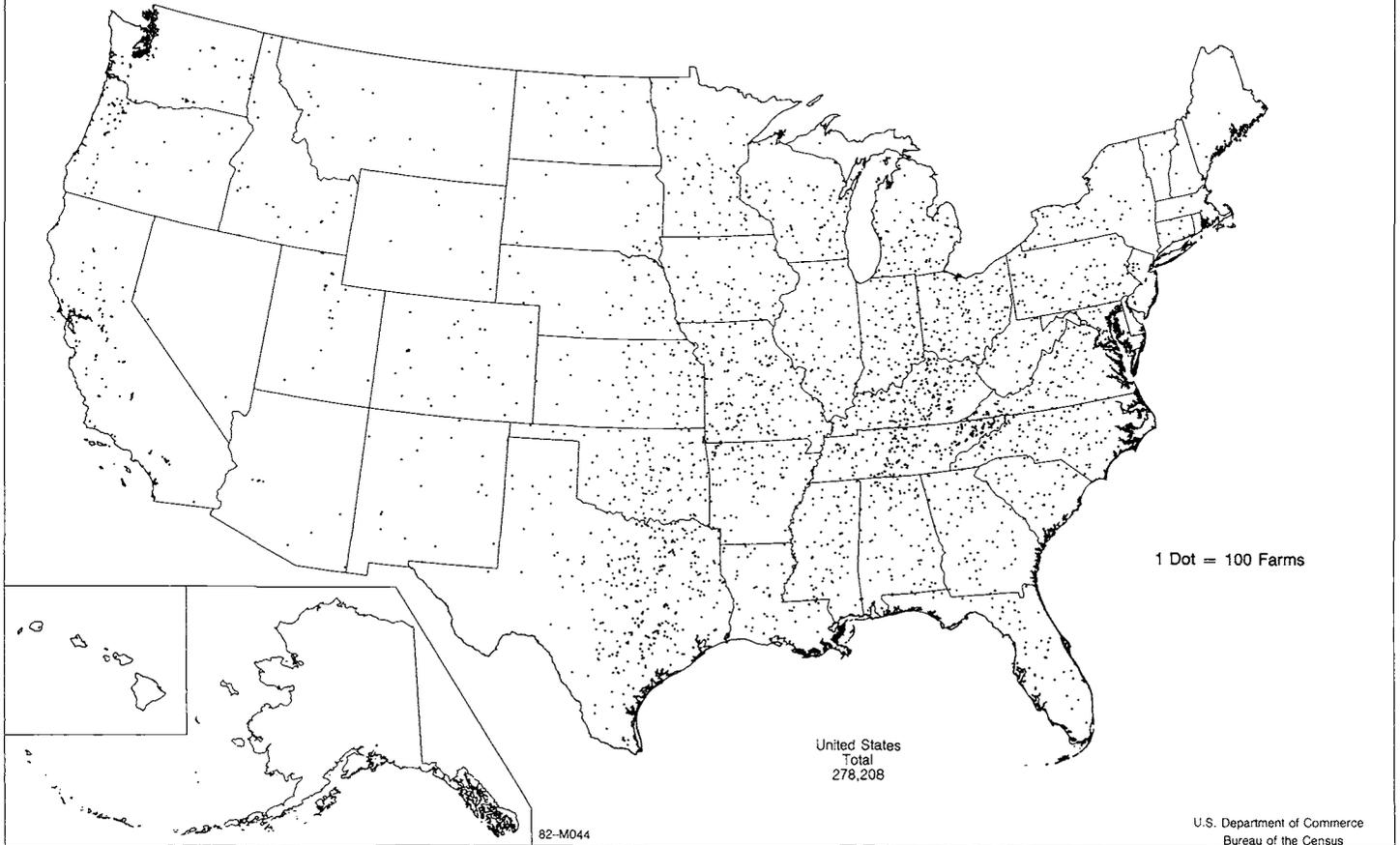
General Farms, Primarily Livestock (Industry Group 029): 1982



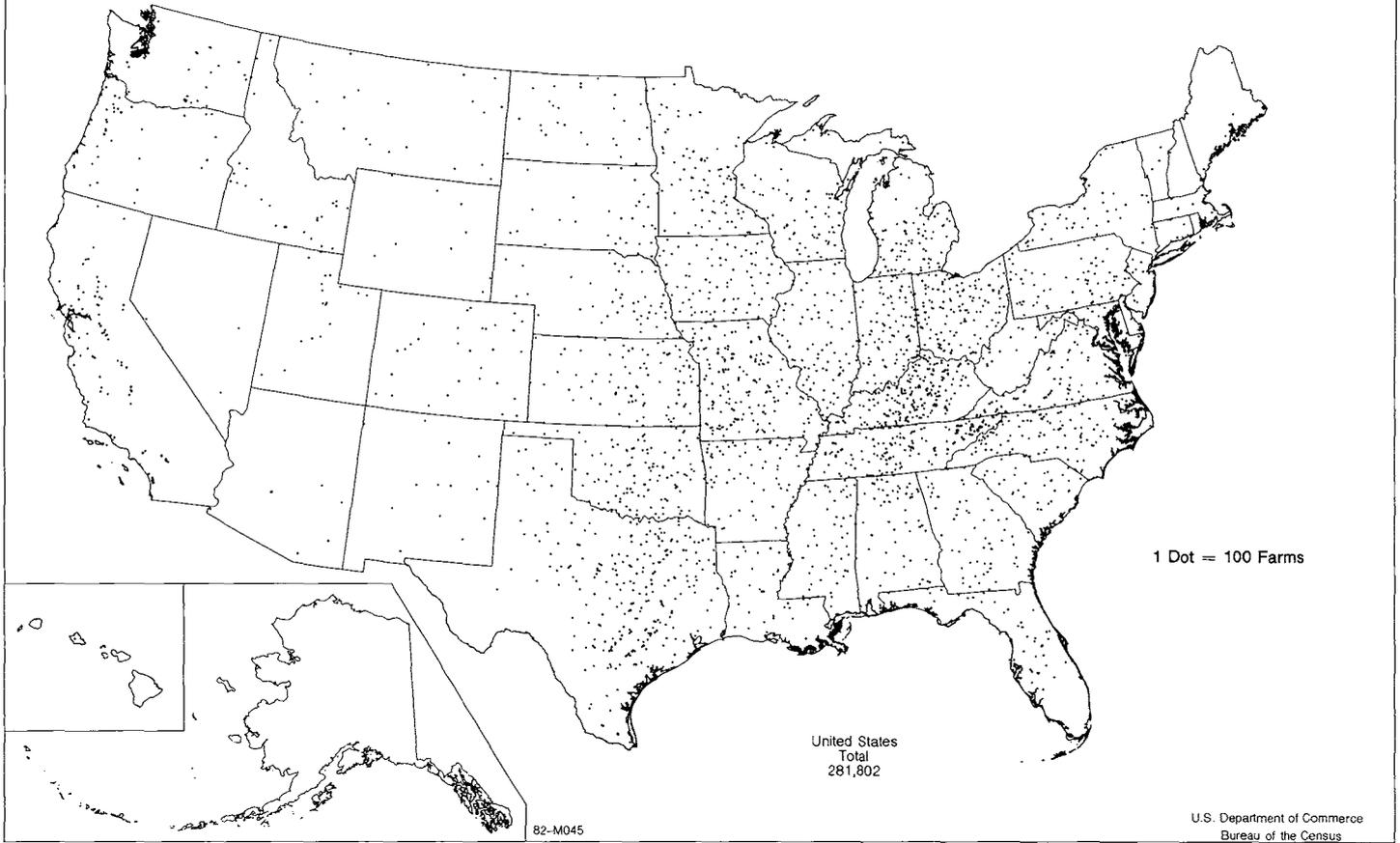
Farms With Sales of \$1,000 to \$2,499: 1982



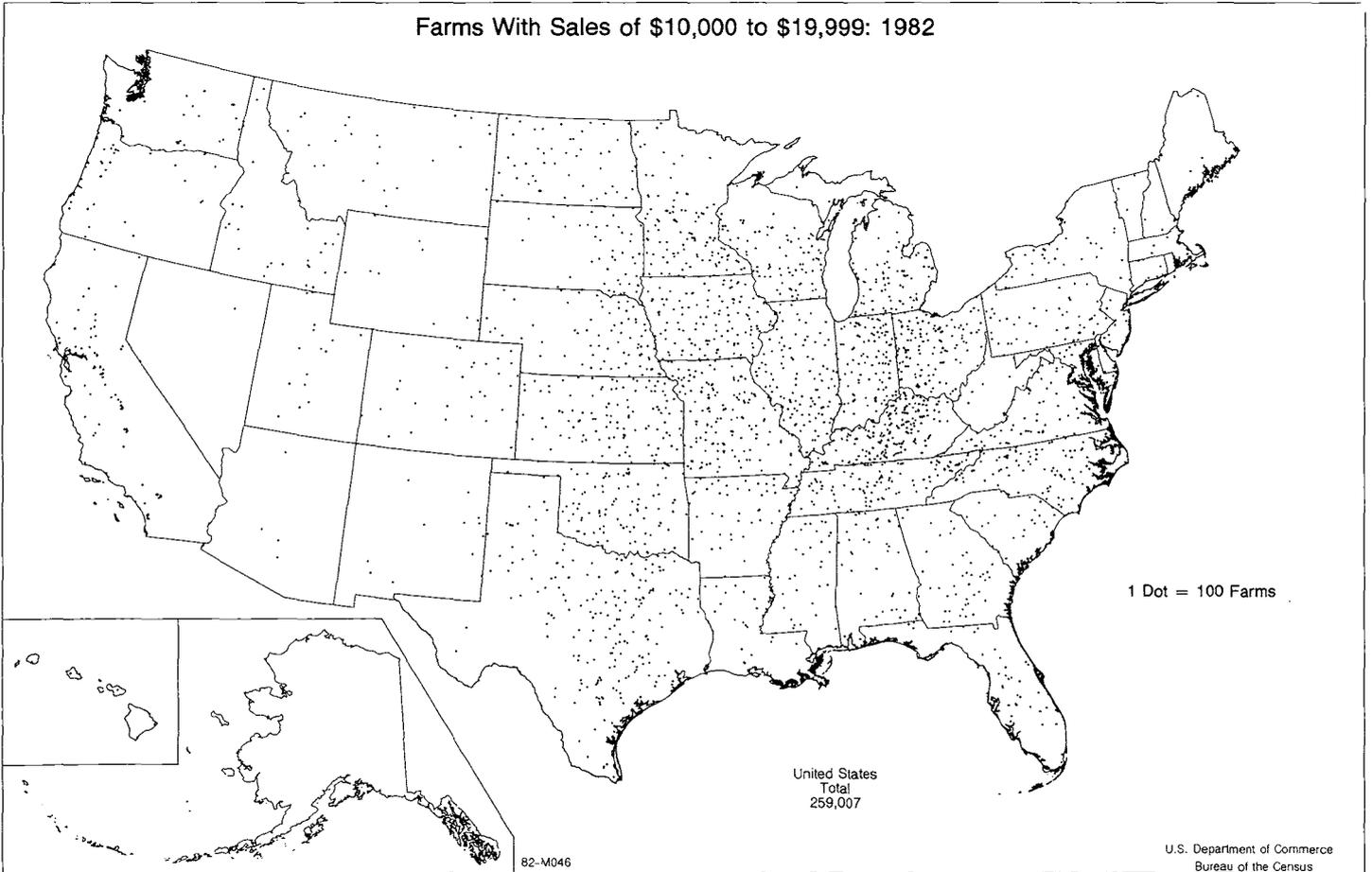
Farms With Sales of \$2,500 to \$4,999: 1982



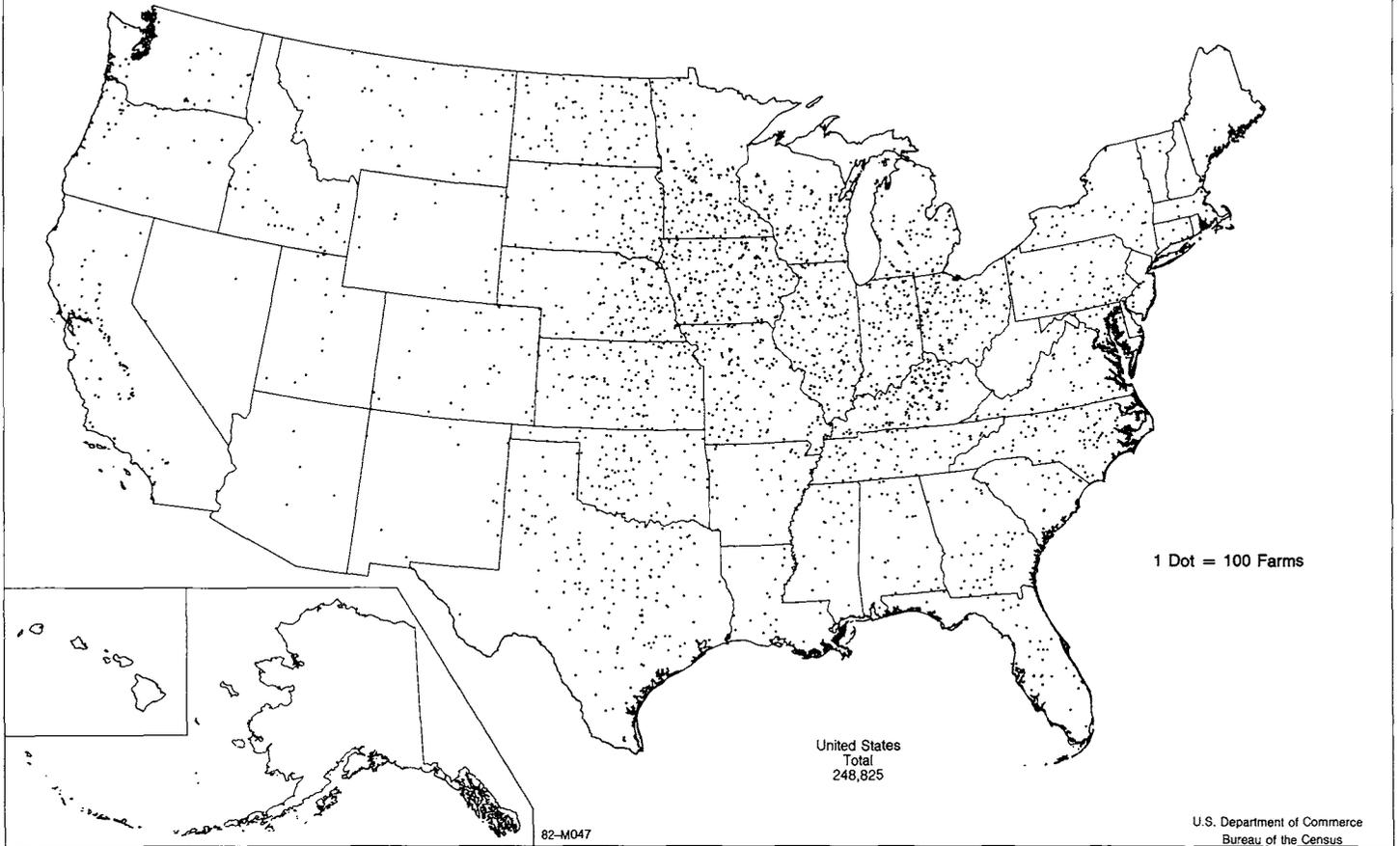
Farms With Sales of \$5,000 to \$9,999: 1982



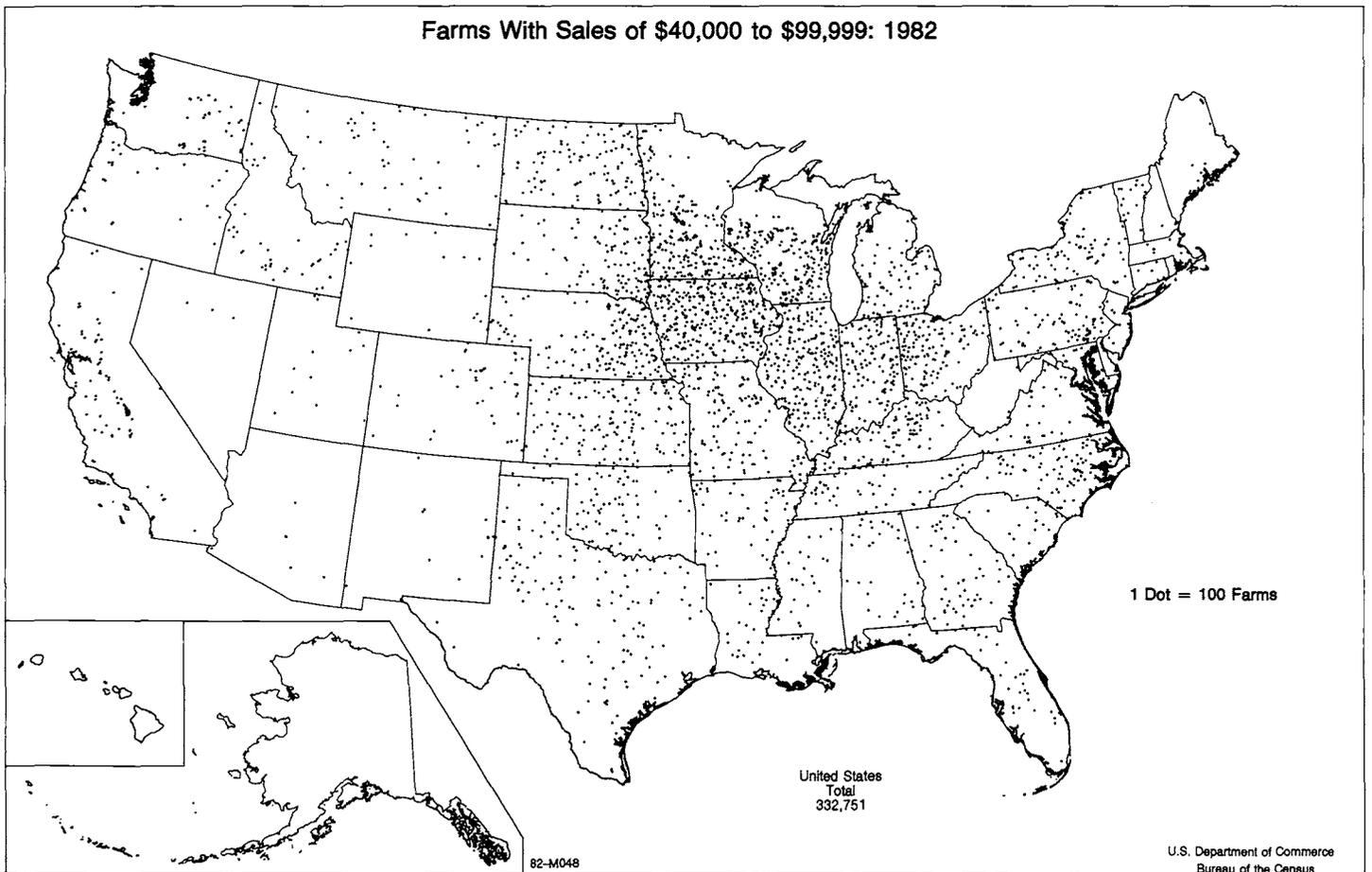
Farms With Sales of \$10,000 to \$19,999: 1982



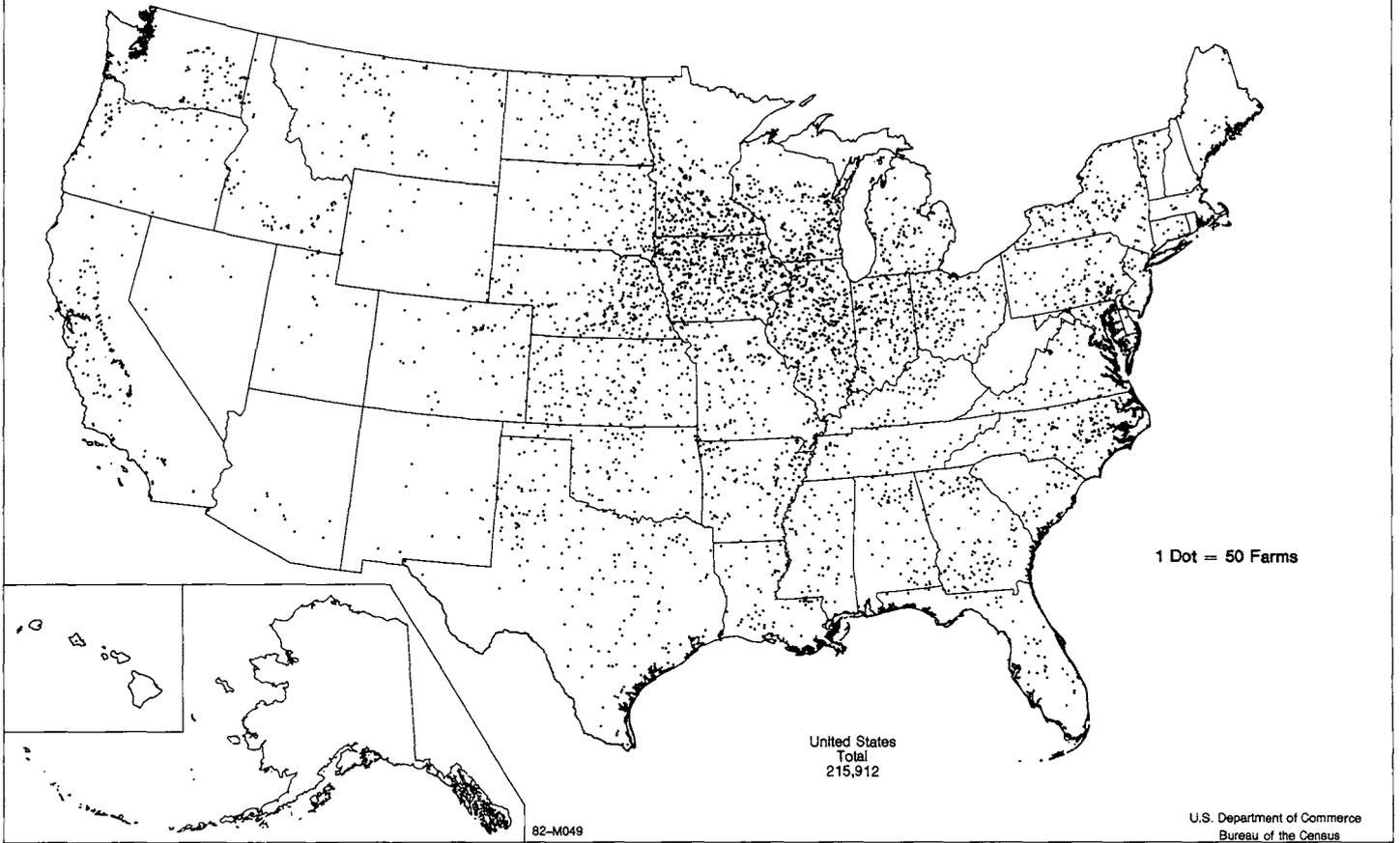
Farms With Sales of \$20,000 to \$39,999: 1982



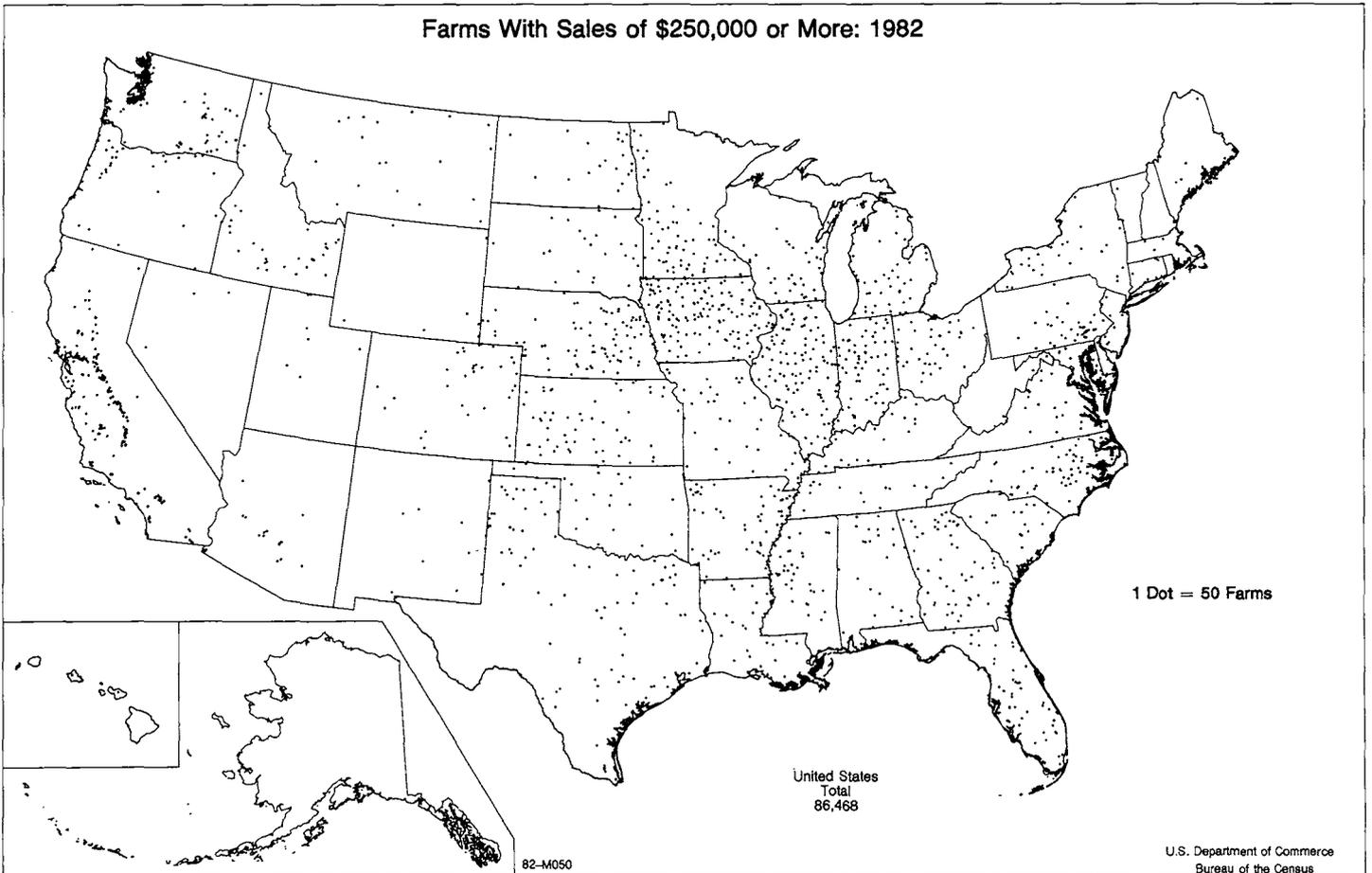
Farms With Sales of \$40,000 to \$99,999: 1982



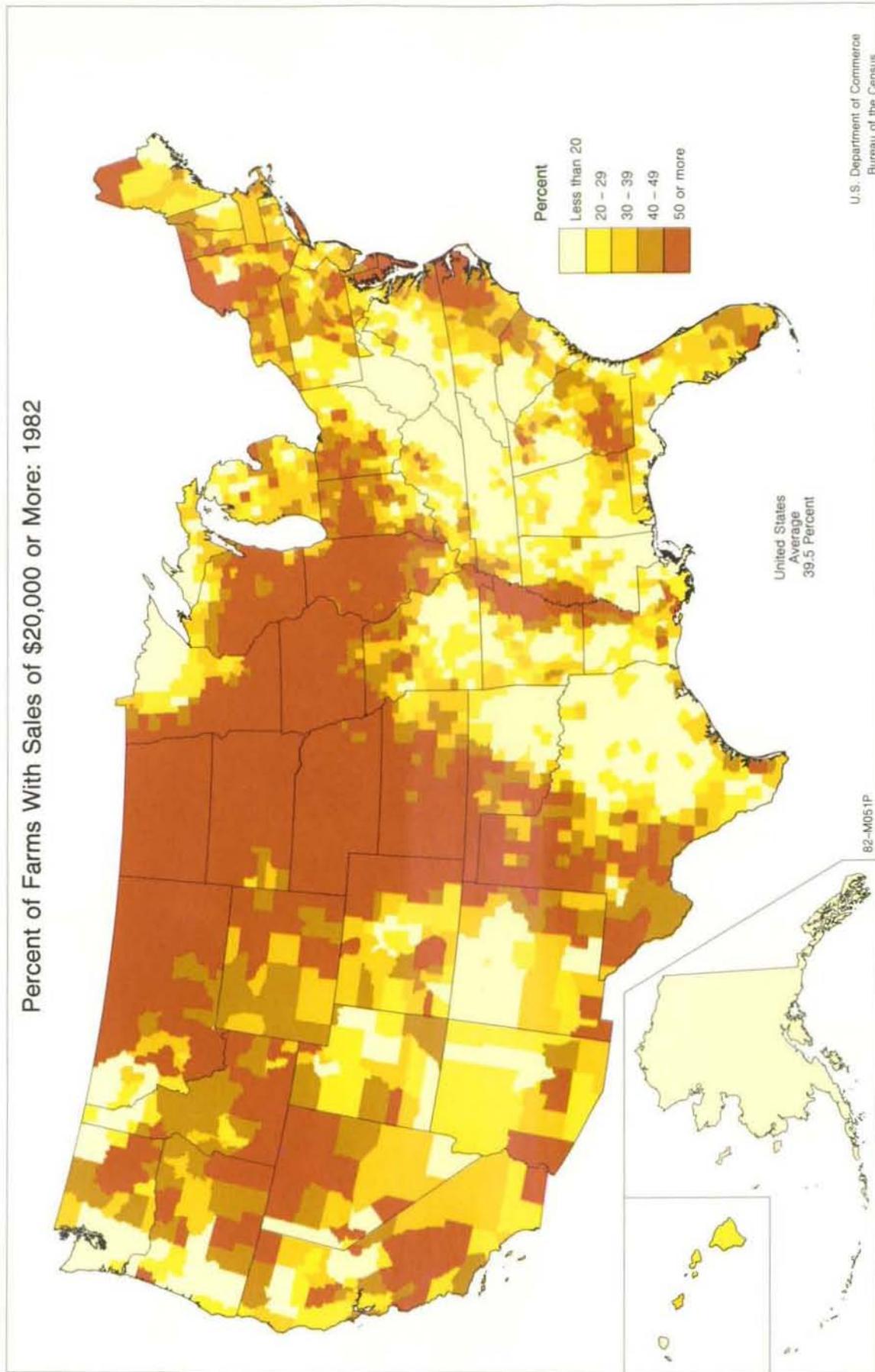
Farms With Sales of \$100,000 to \$249,999: 1982



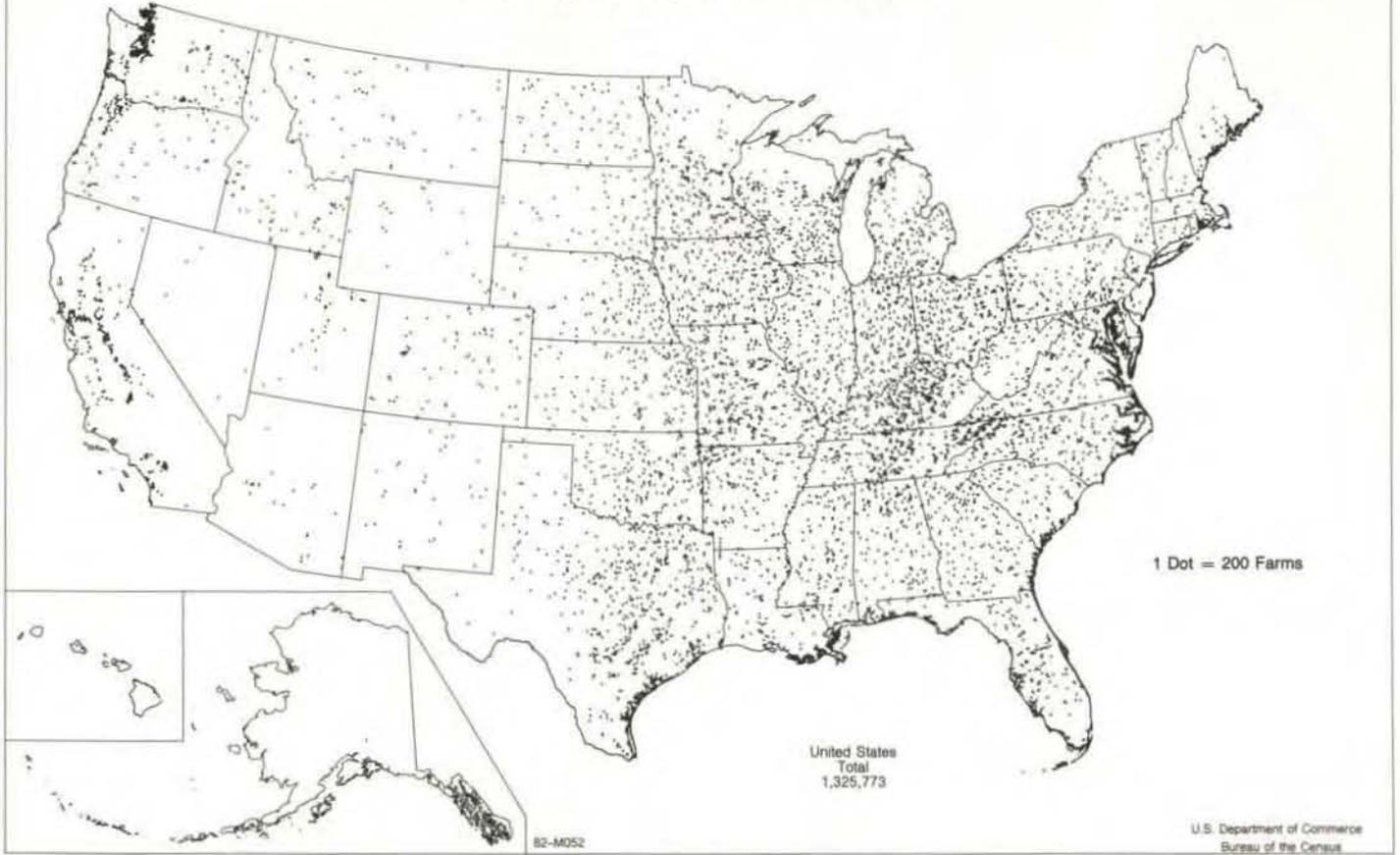
Farms With Sales of \$250,000 or More: 1982



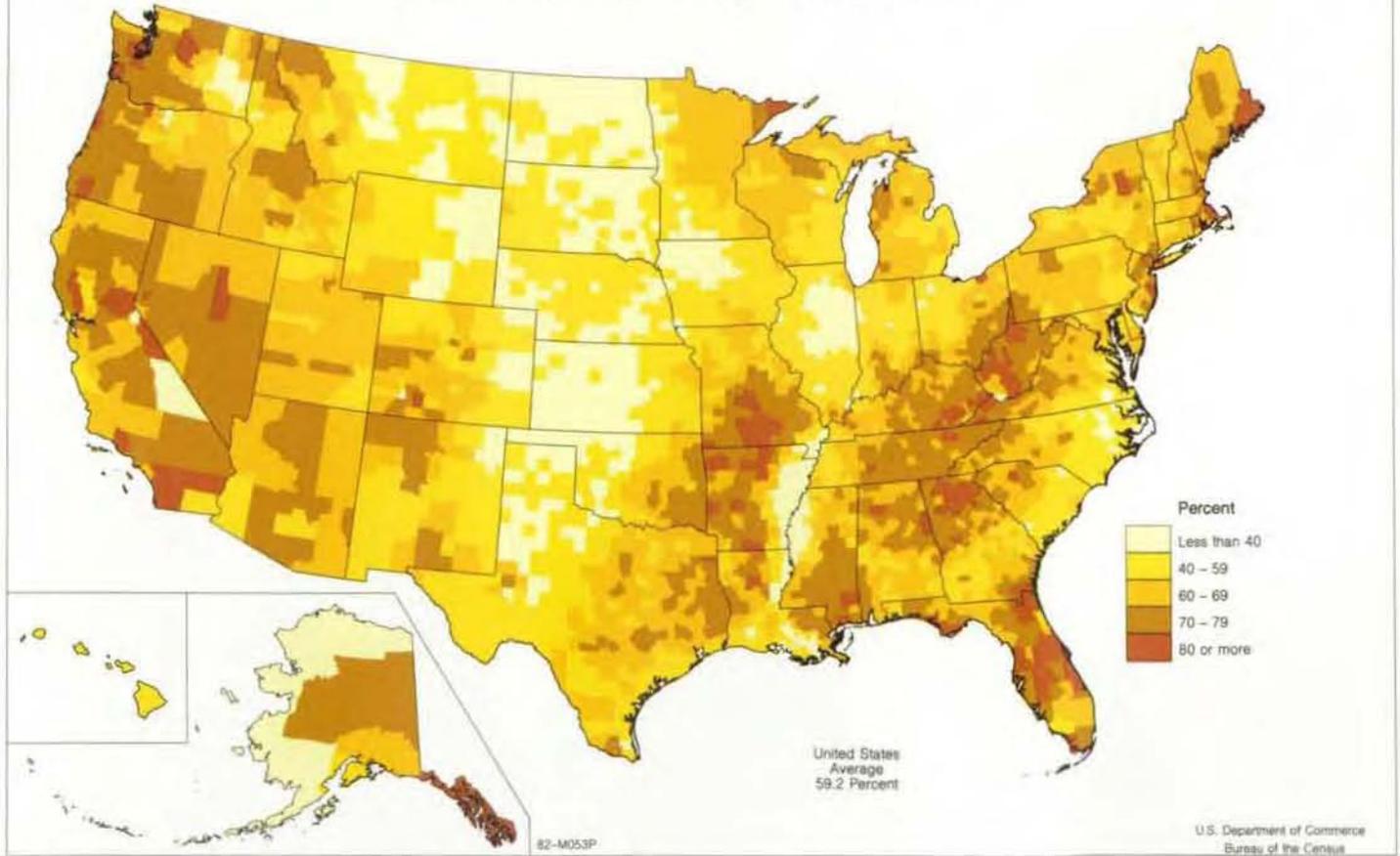
Percent of Farms With Sales of \$20,000 or More: 1982



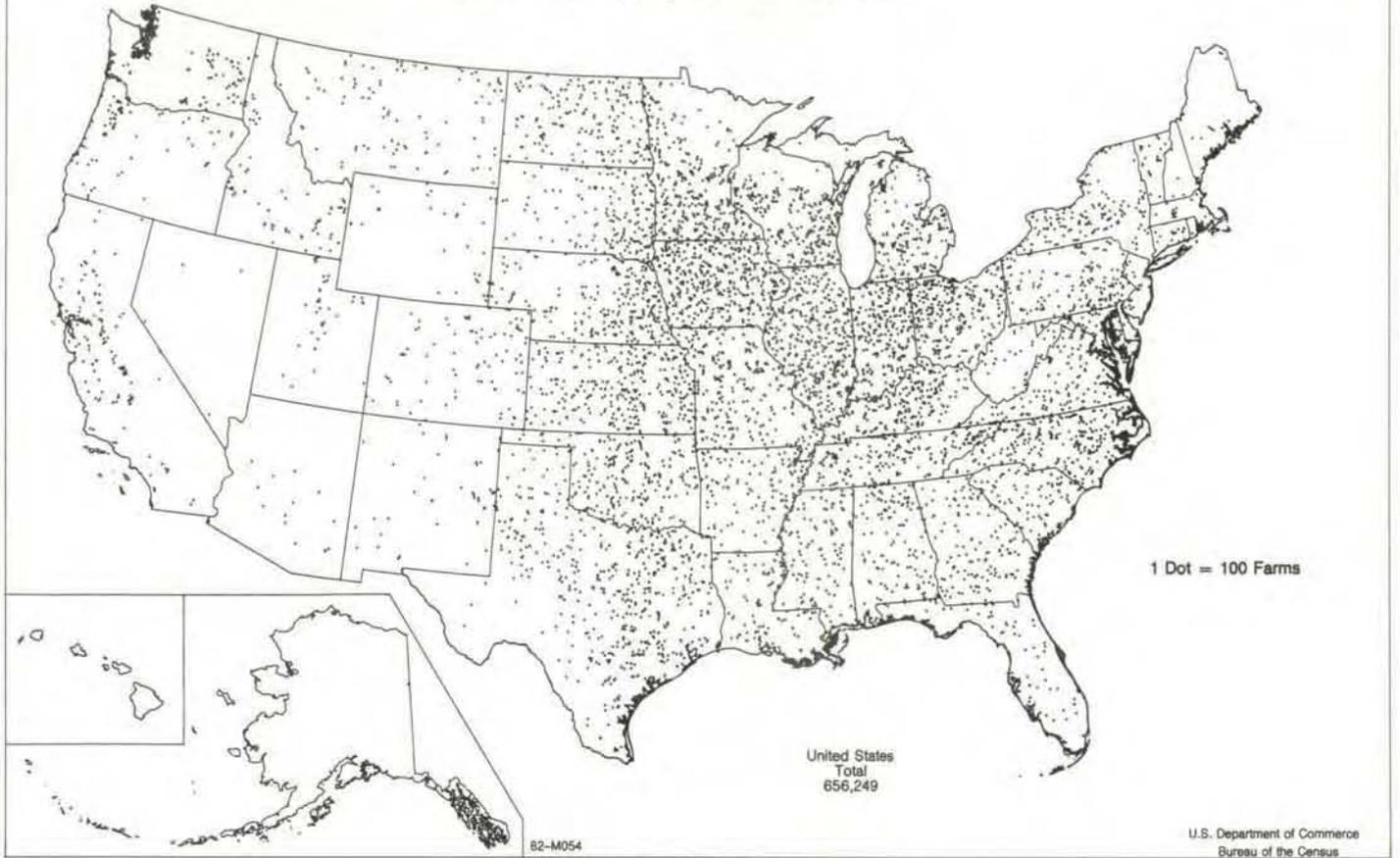
Farms Operated by Full Owners: 1982



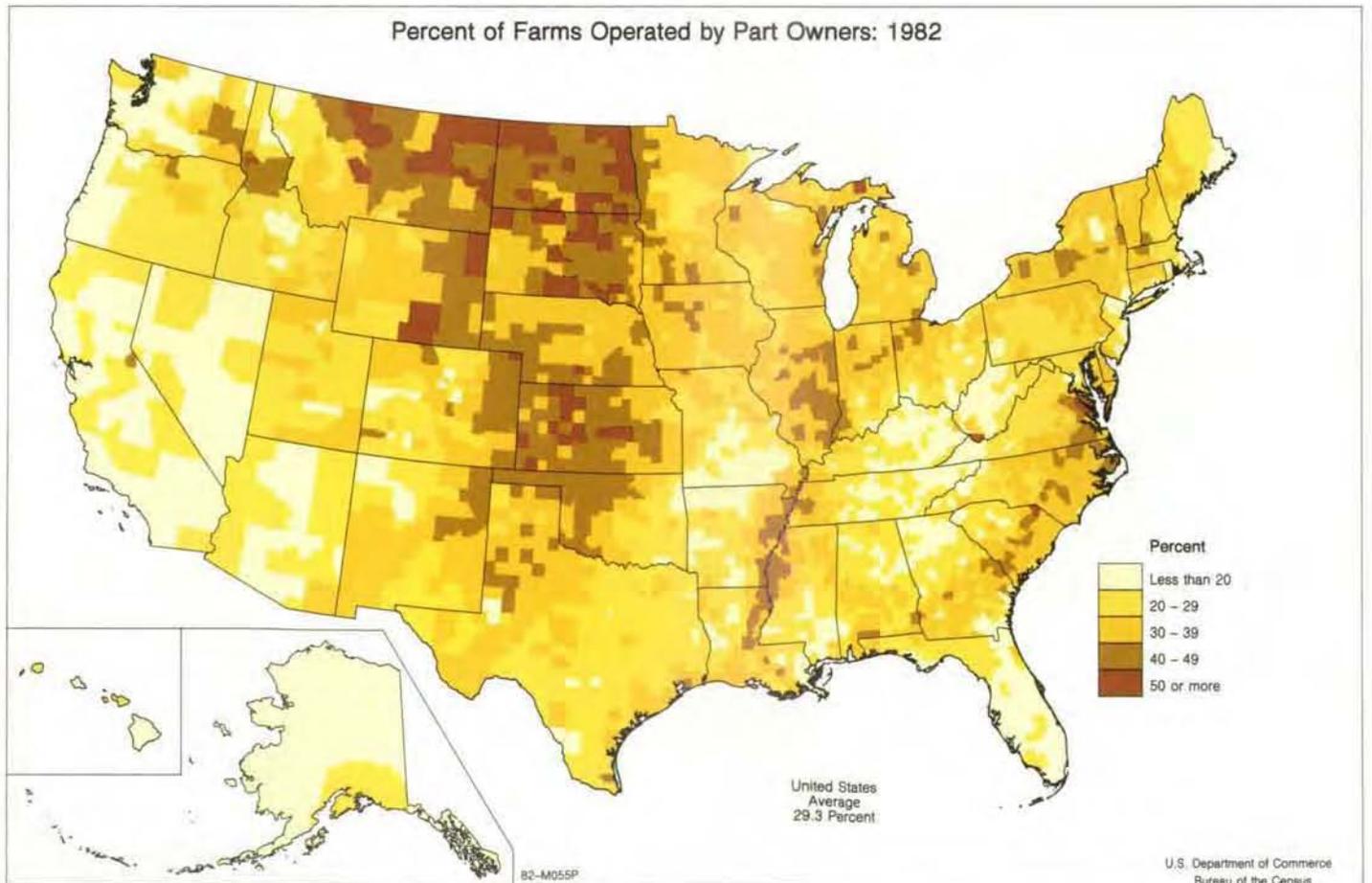
Percent of Farms Operated by Full Owners: 1982



Farms Operated by Part Owners: 1982



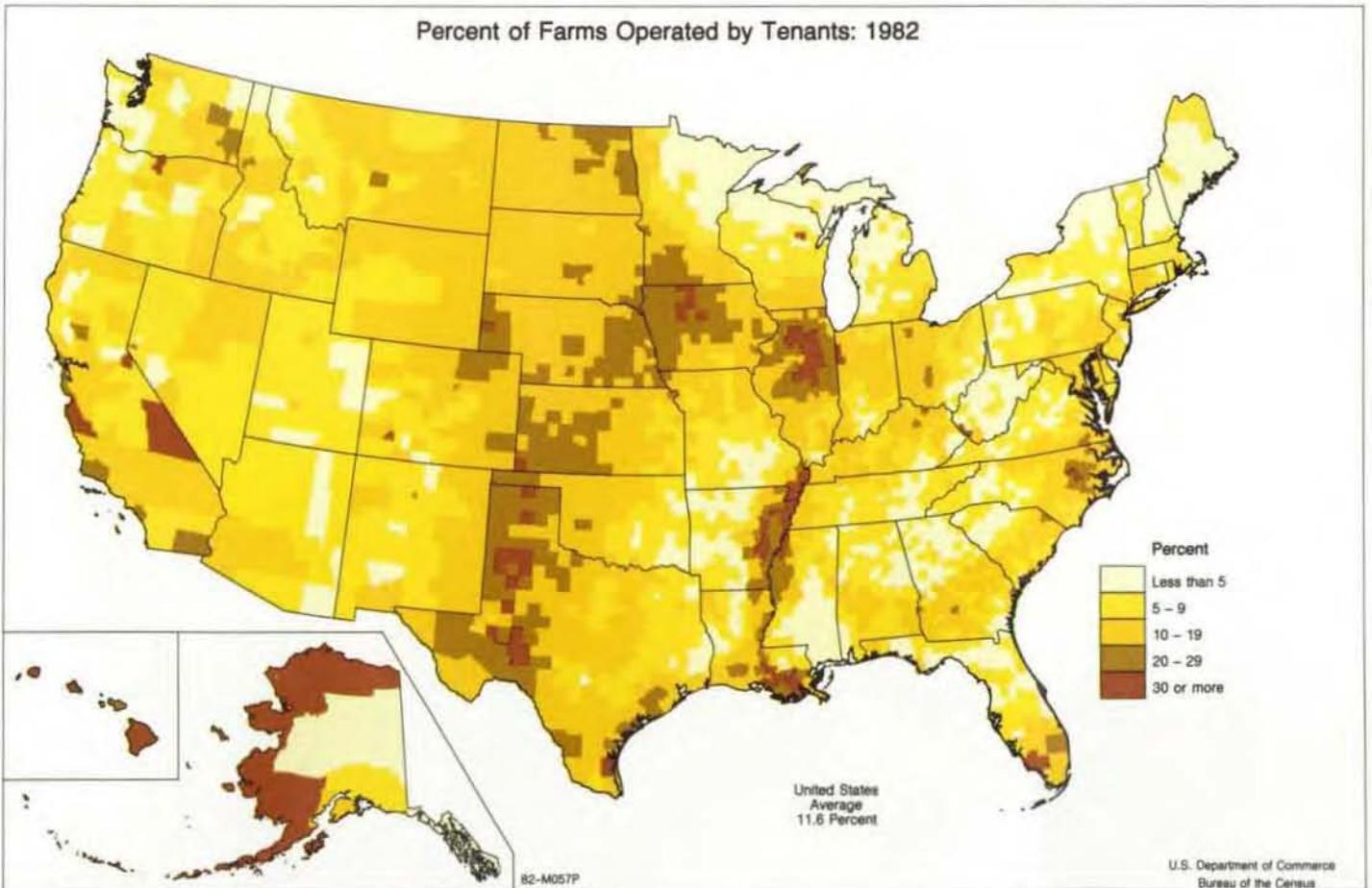
Percent of Farms Operated by Part Owners: 1982



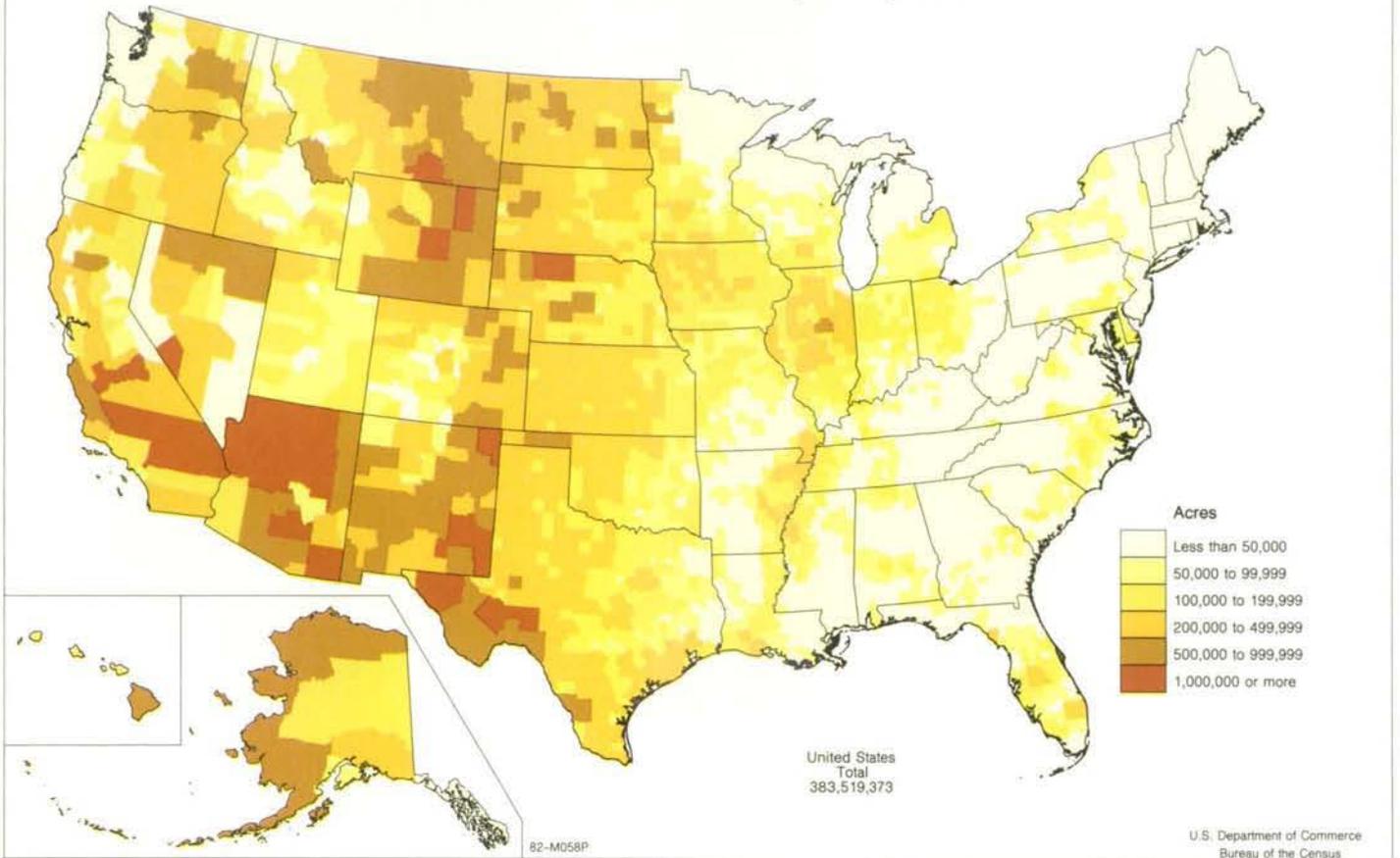
Farms Operated by Tenants: 1982



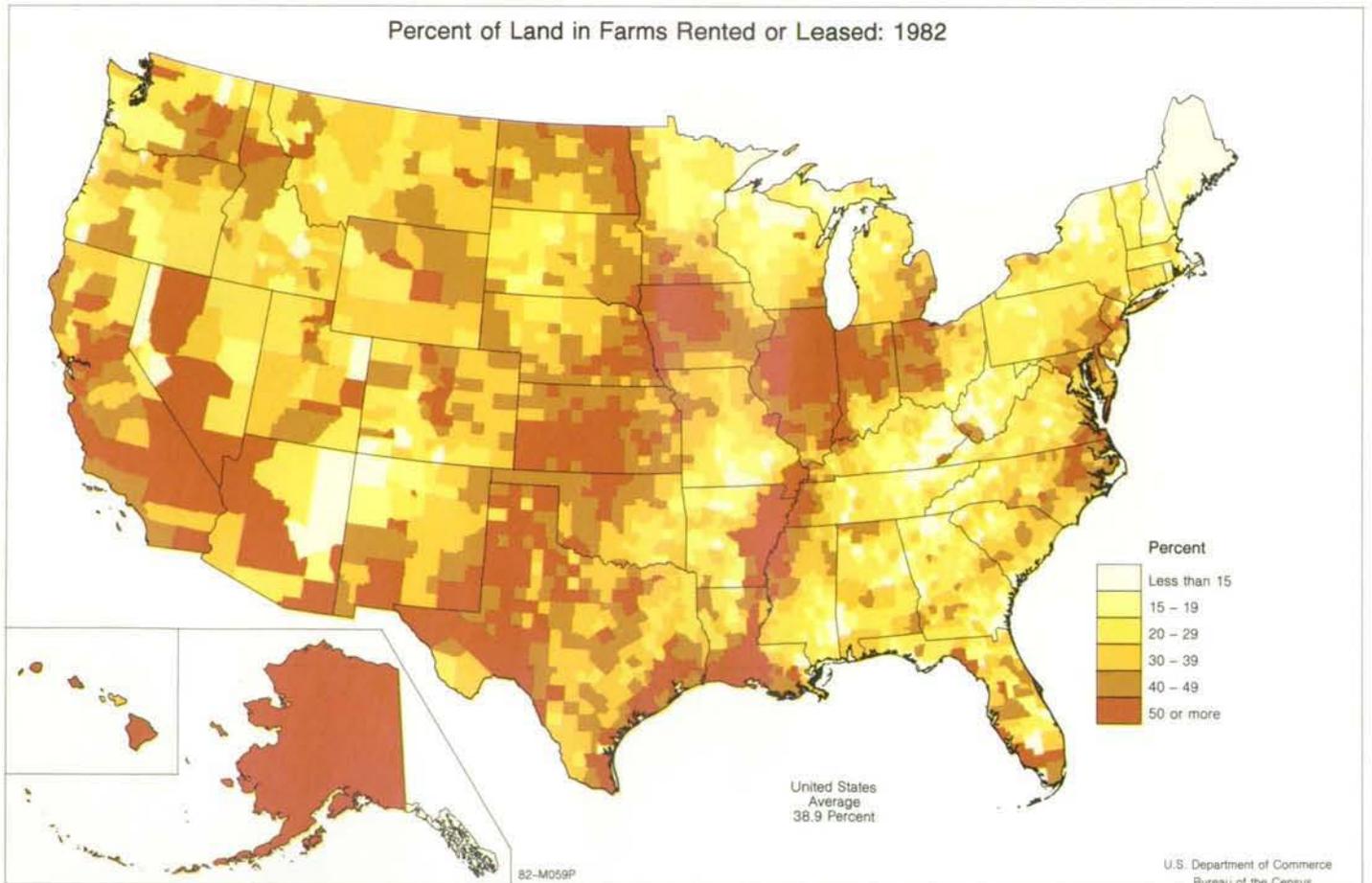
Percent of Farms Operated by Tenants: 1982



Rented or Leased Land in Farms by County: 1982



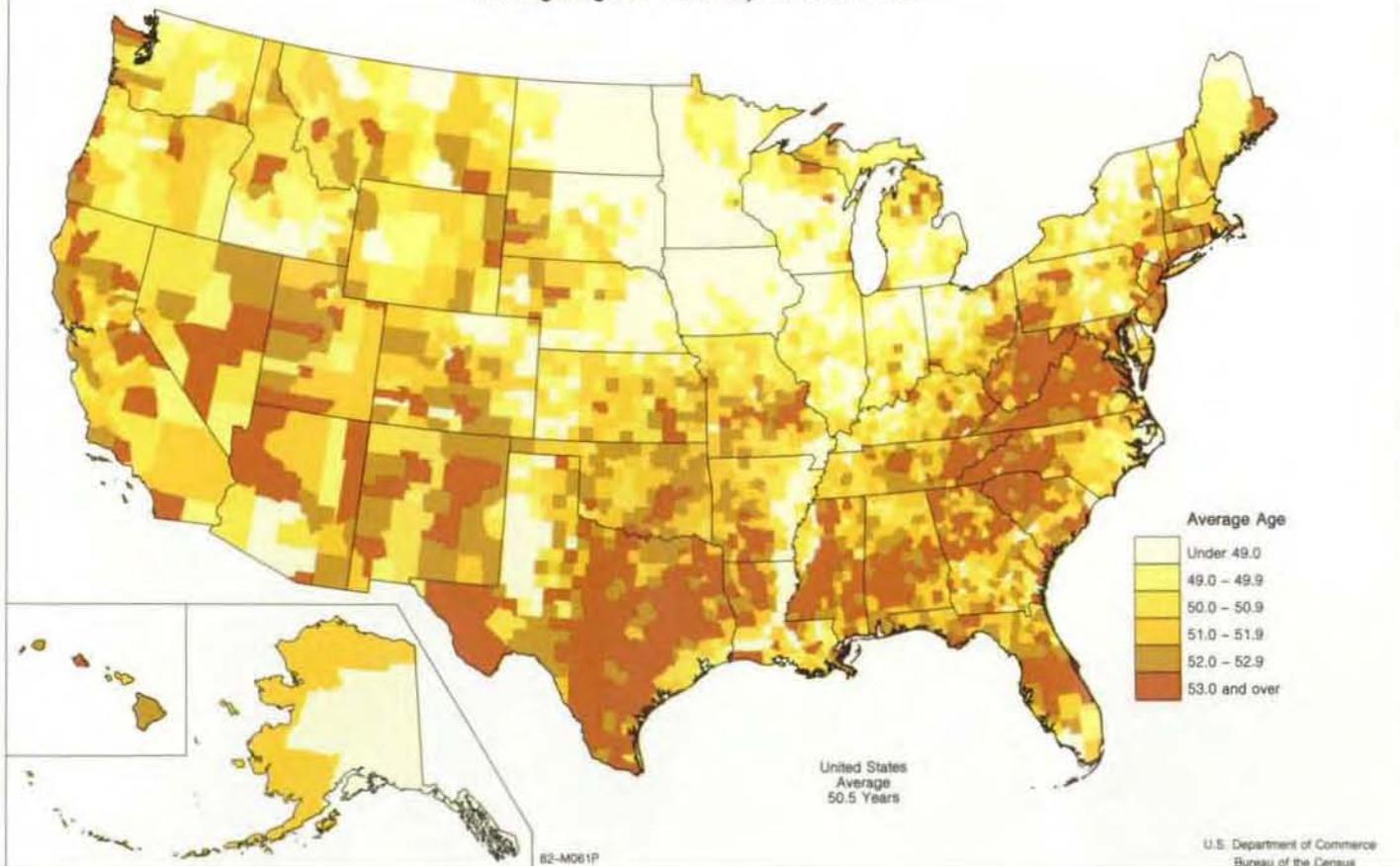
Percent of Land in Farms Rented or Leased: 1982



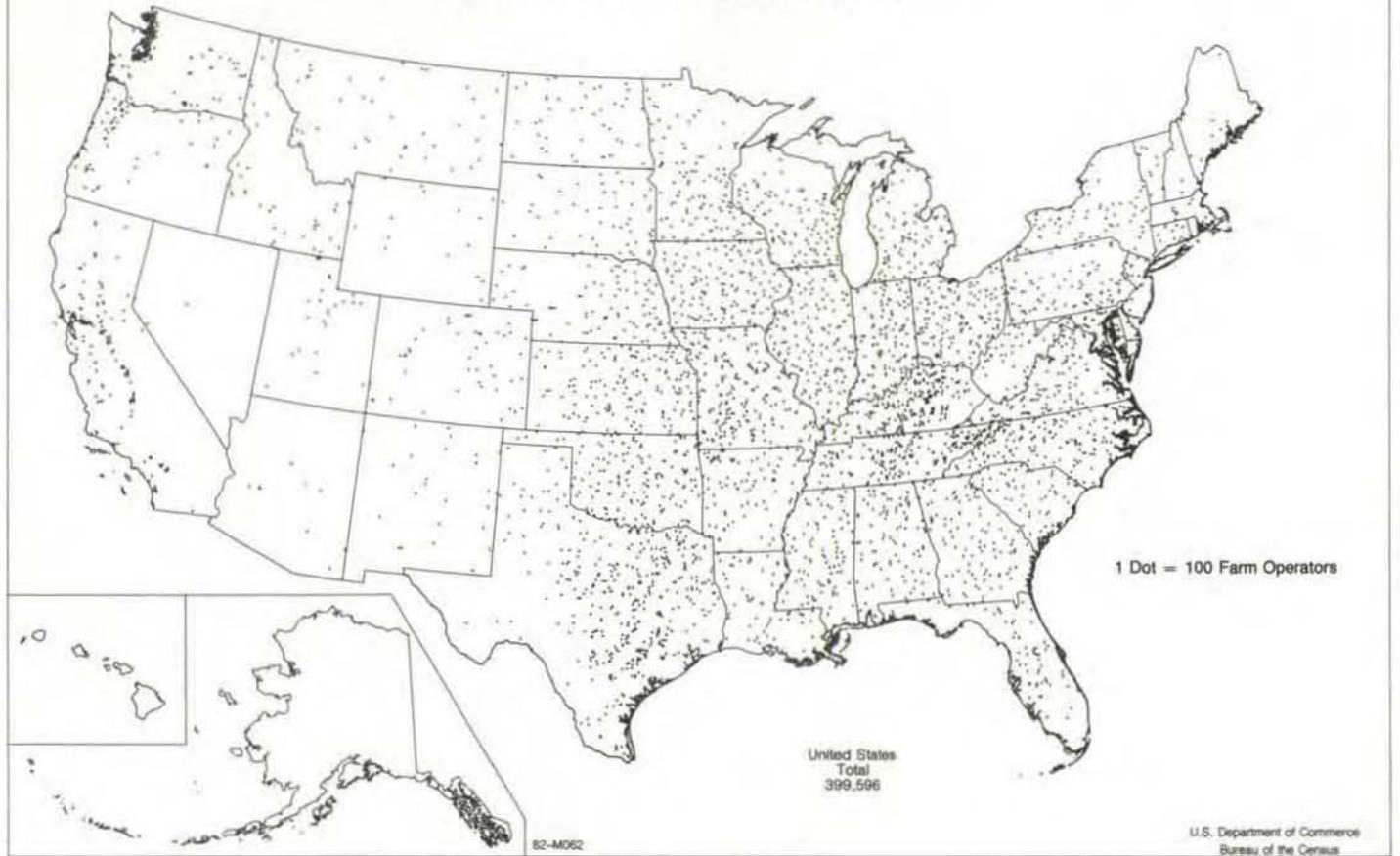
Farms Operated by Black and Other Races: 1982



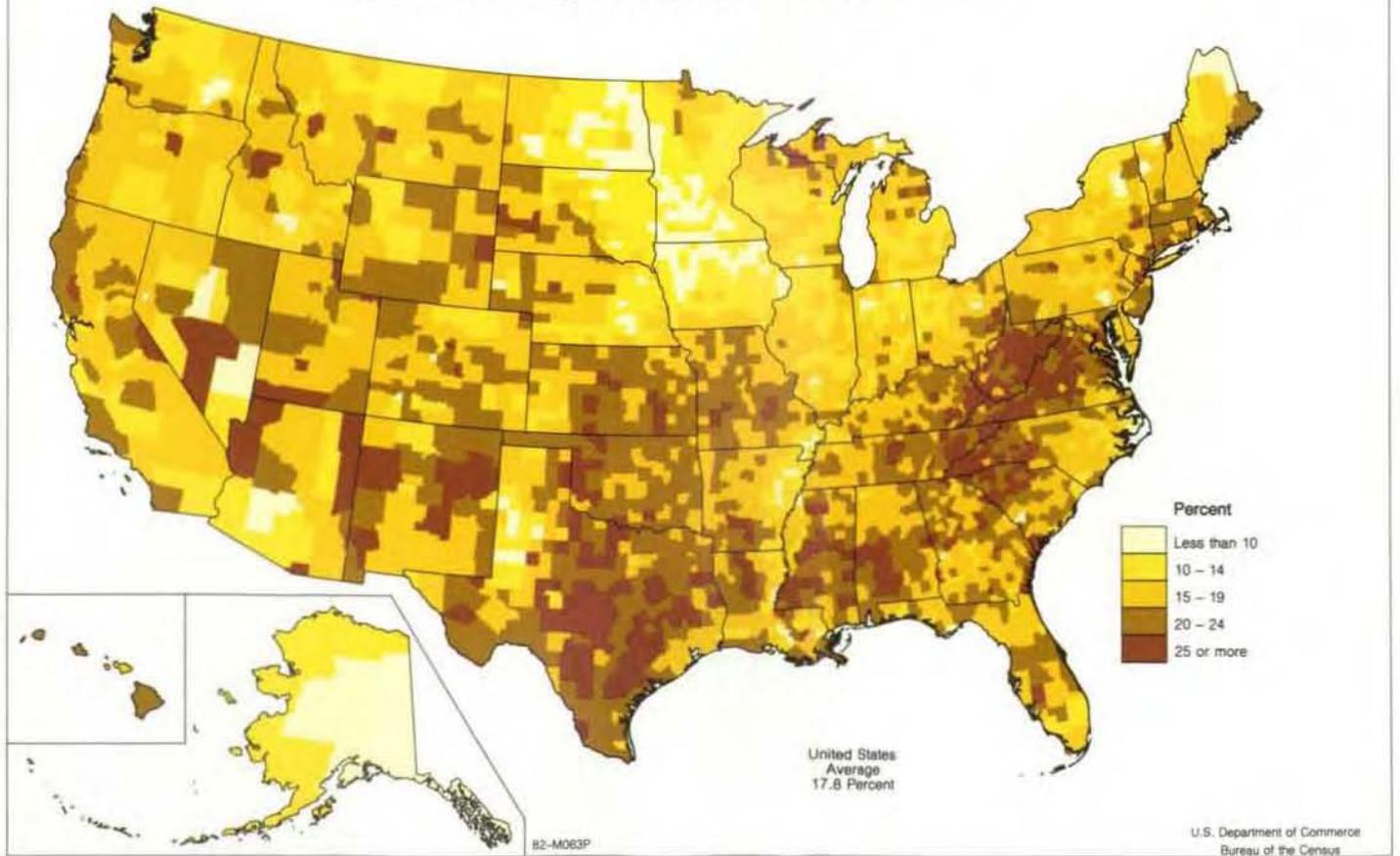
Average Age of Farm Operators: 1982



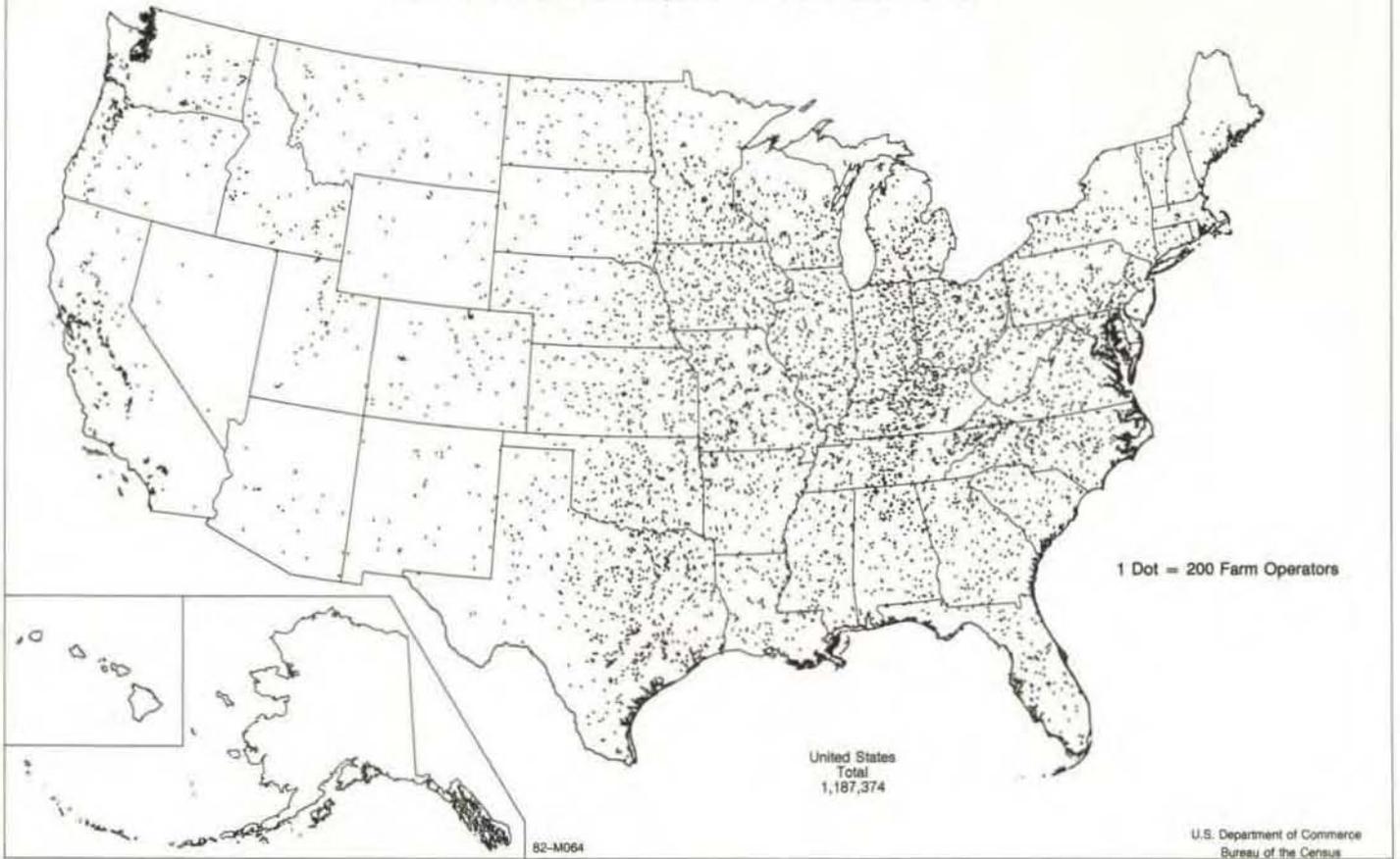
Farm Operators 65 Years Old and Over: 1982



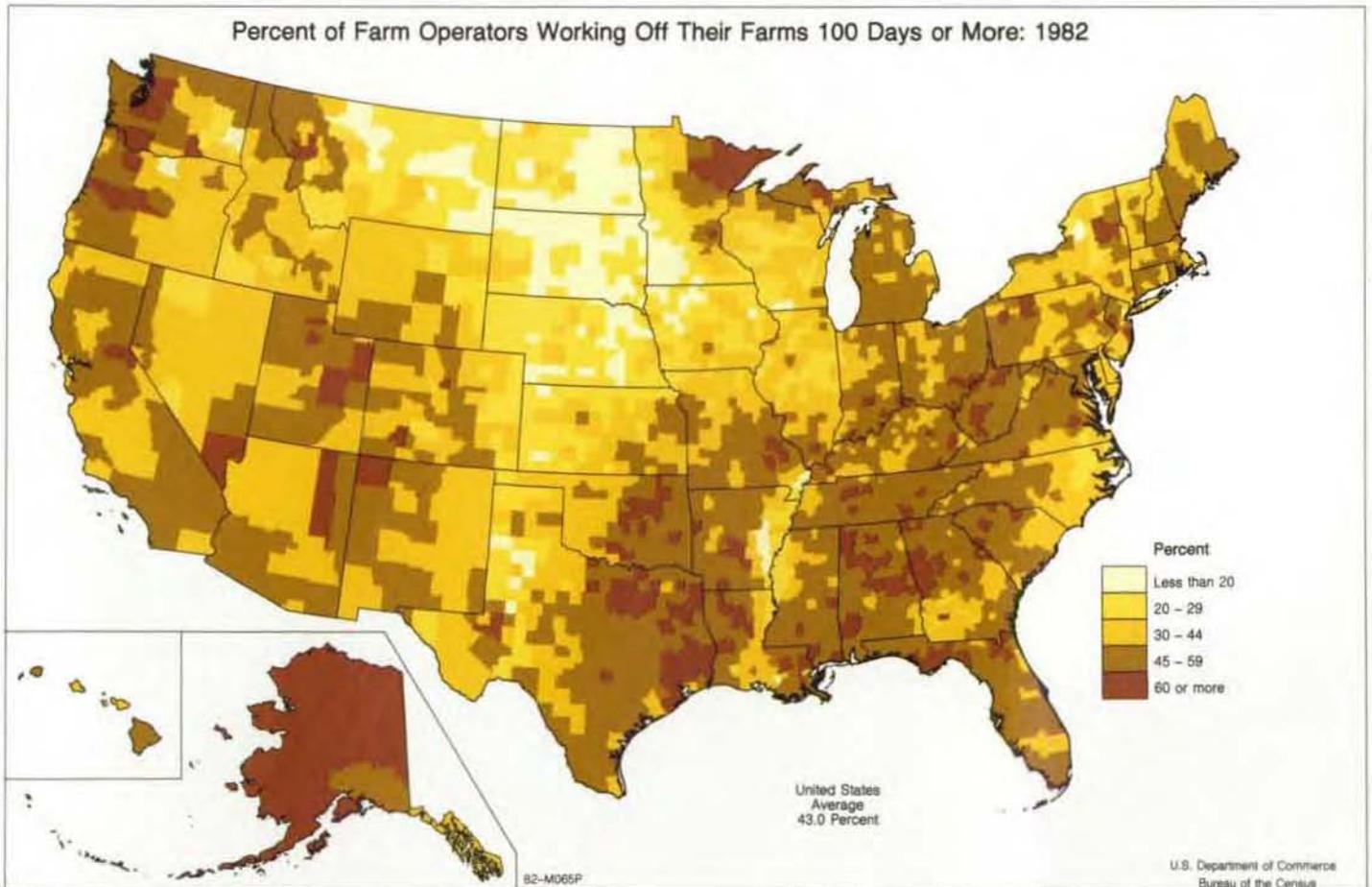
Percent of Farm Operators 65 Years Old and Over: 1982



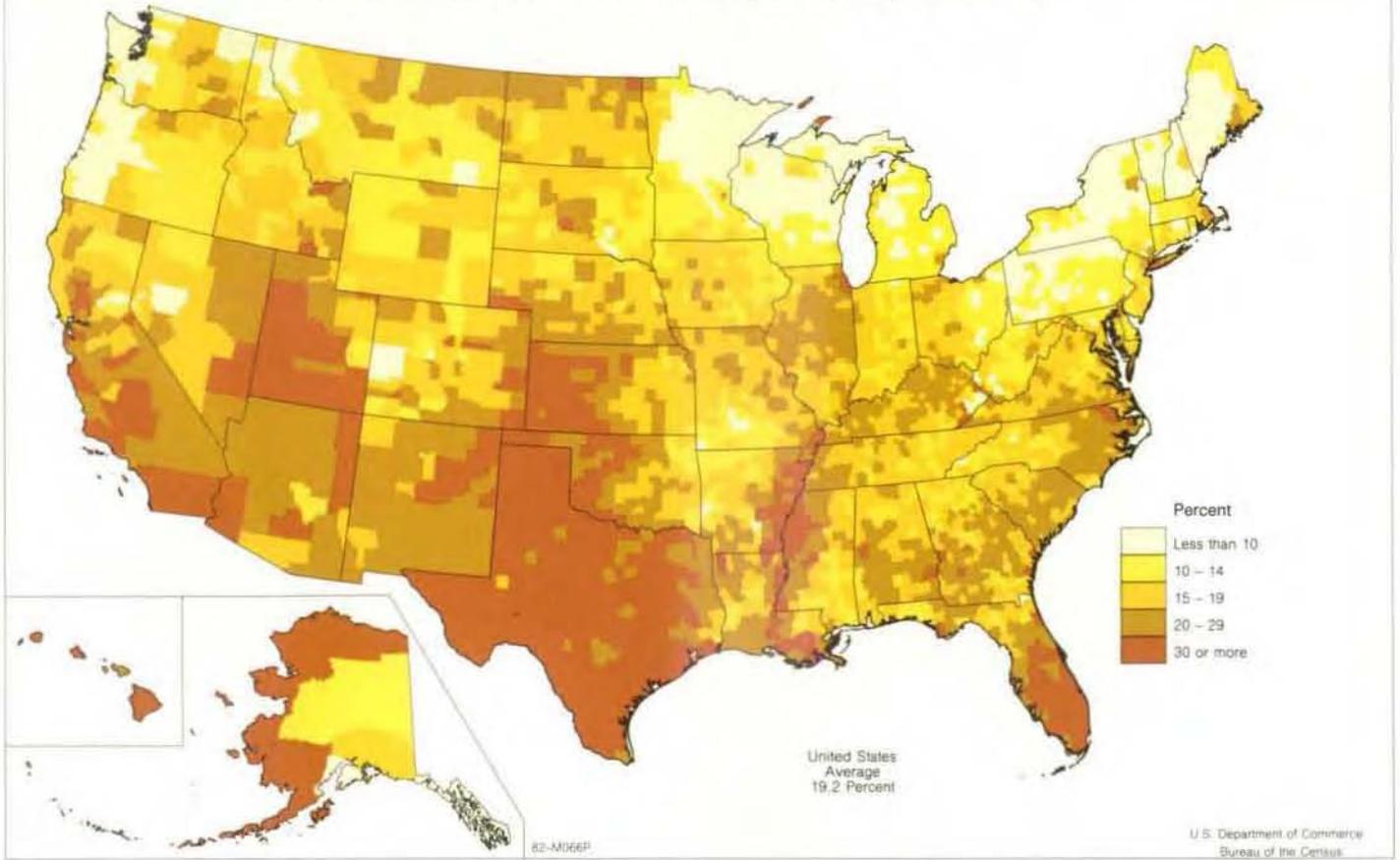
Farm Operators Reporting Any Off-Farm Work: 1982



Percent of Farm Operators Working Off Their Farms 100 Days or More: 1982



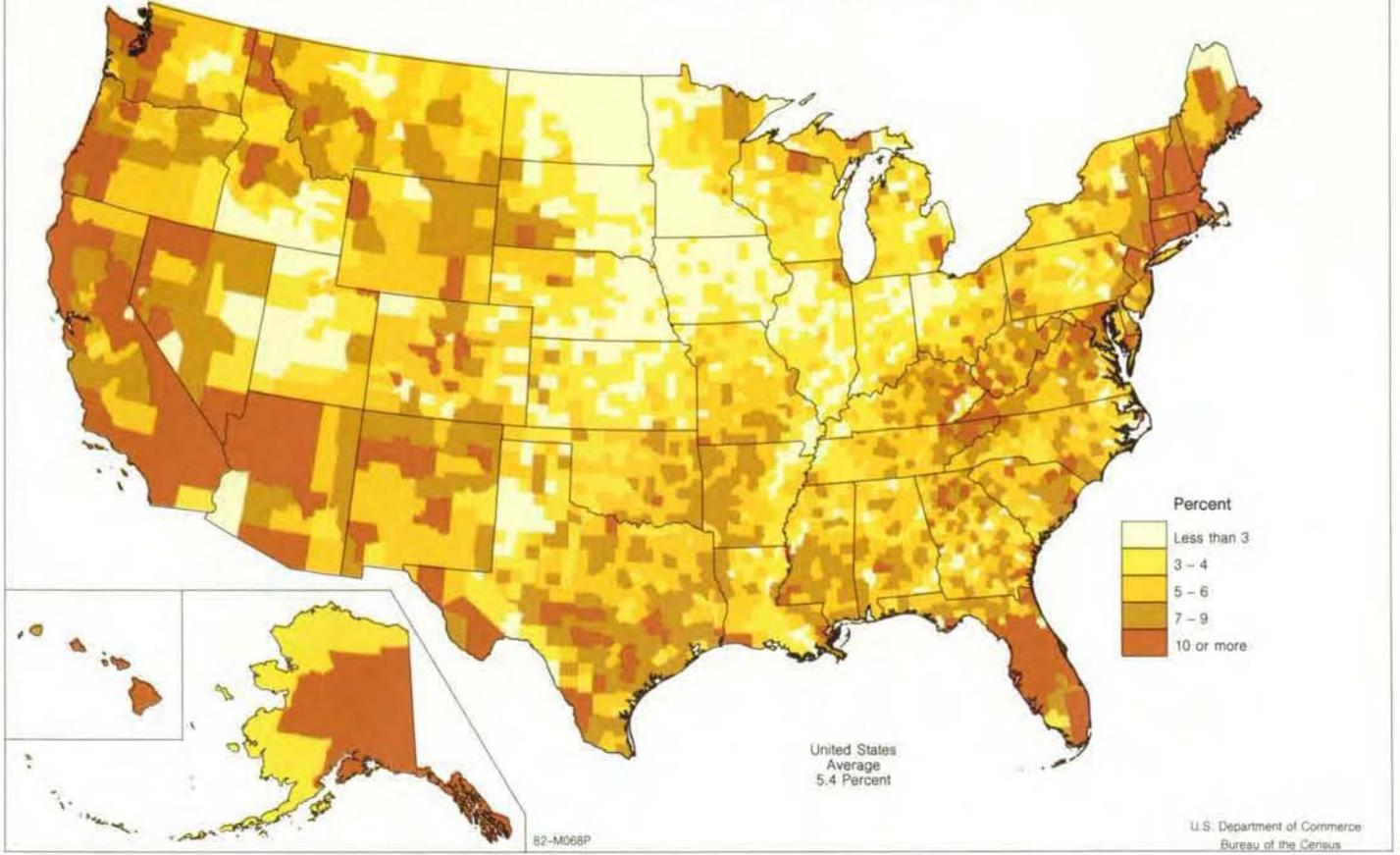
Percent of Farm Operators Not Residing on Farm Operated: 1982



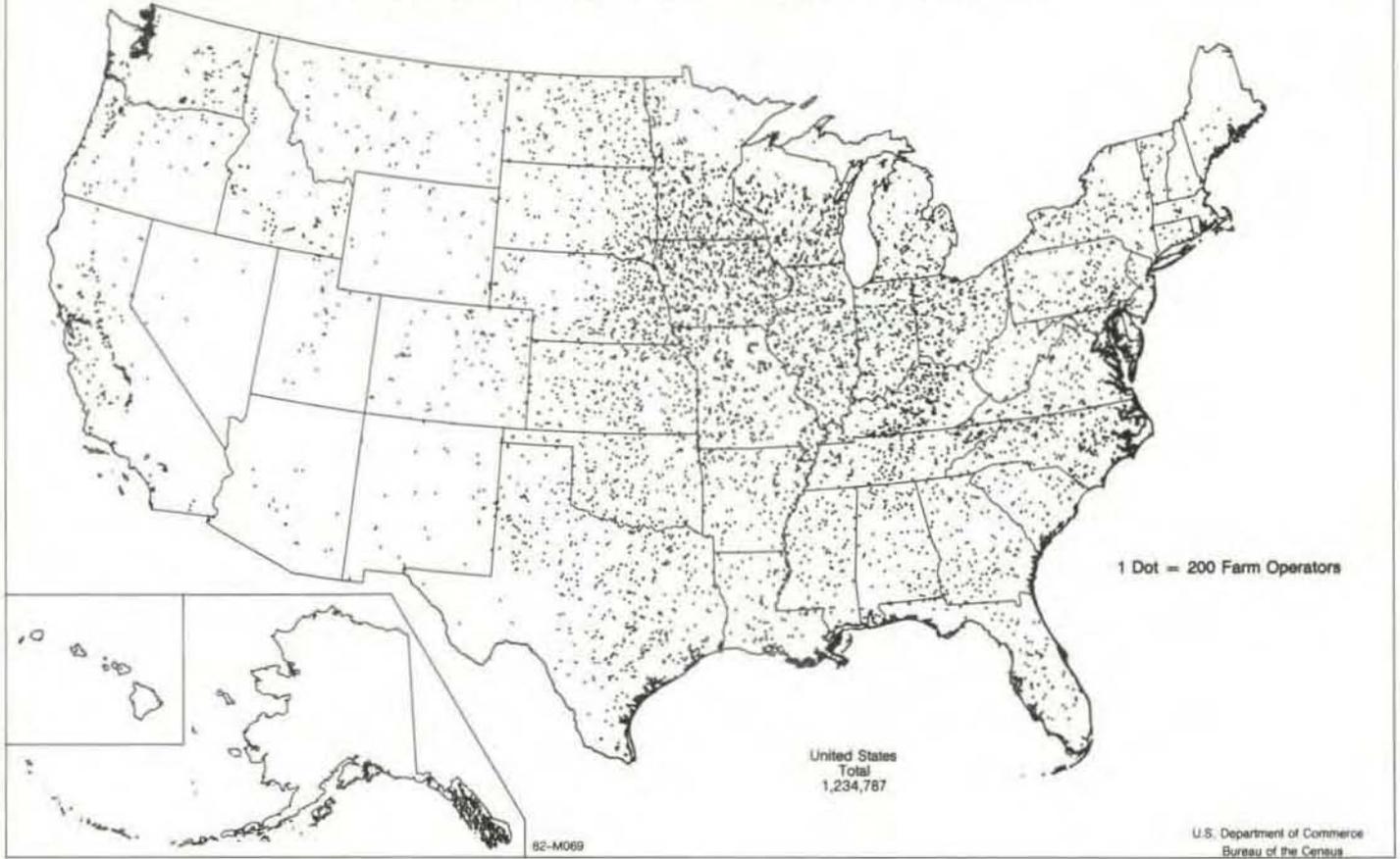
Farms Operated by Female Operator: 1982



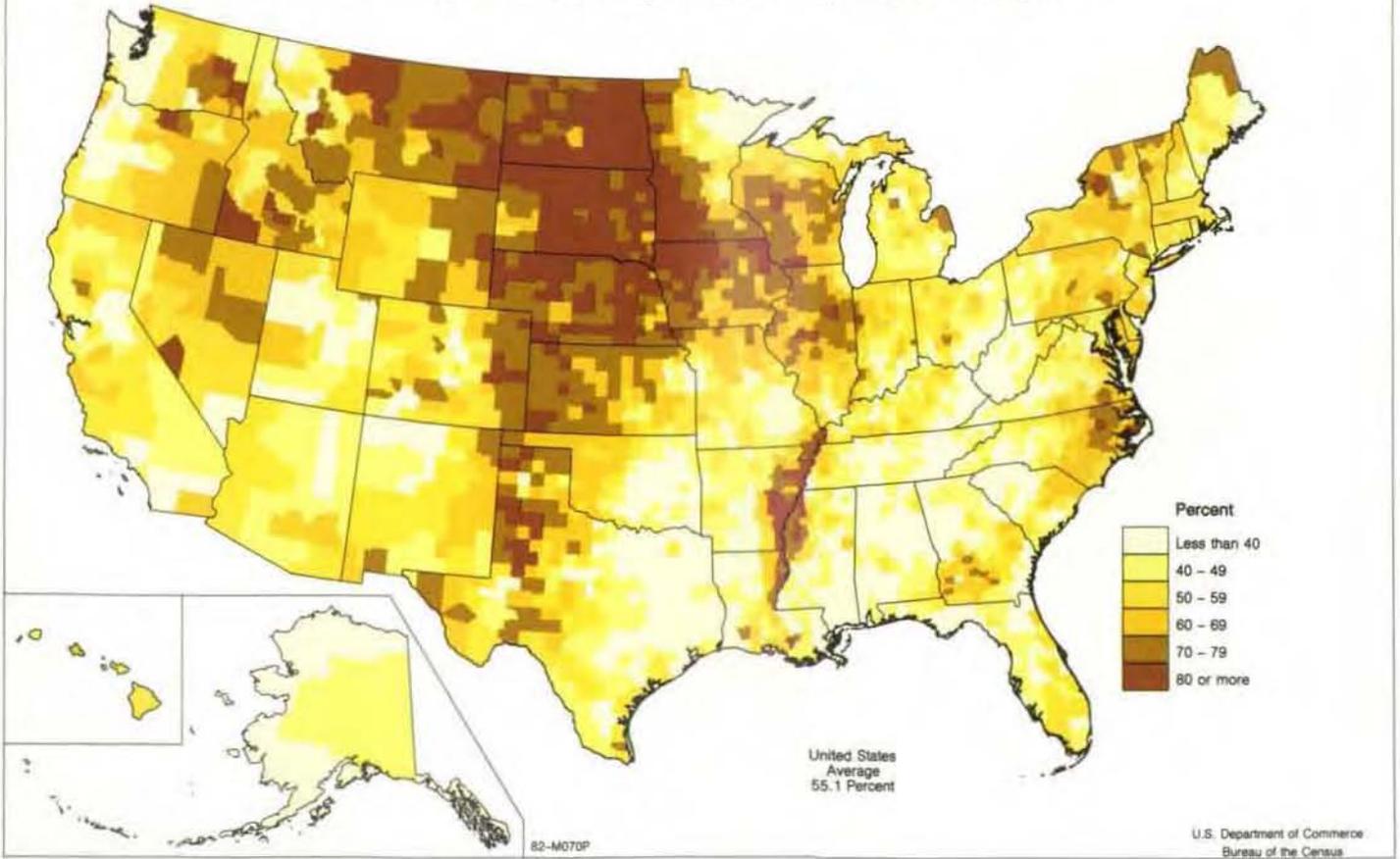
Percent of Farms Operated by Female Operator: 1982



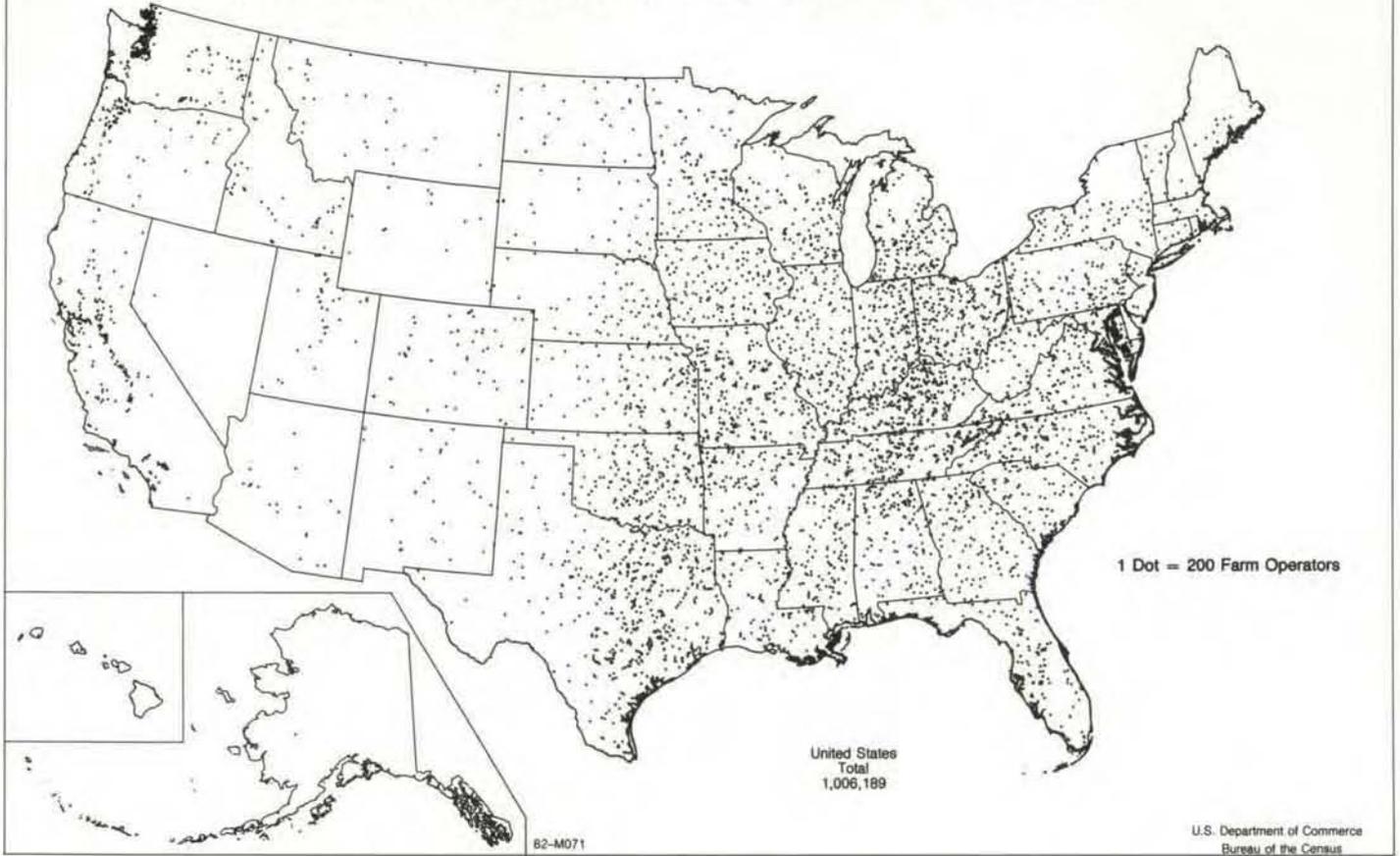
Farm Operators Reporting Principal Occupation as Farming: 1982



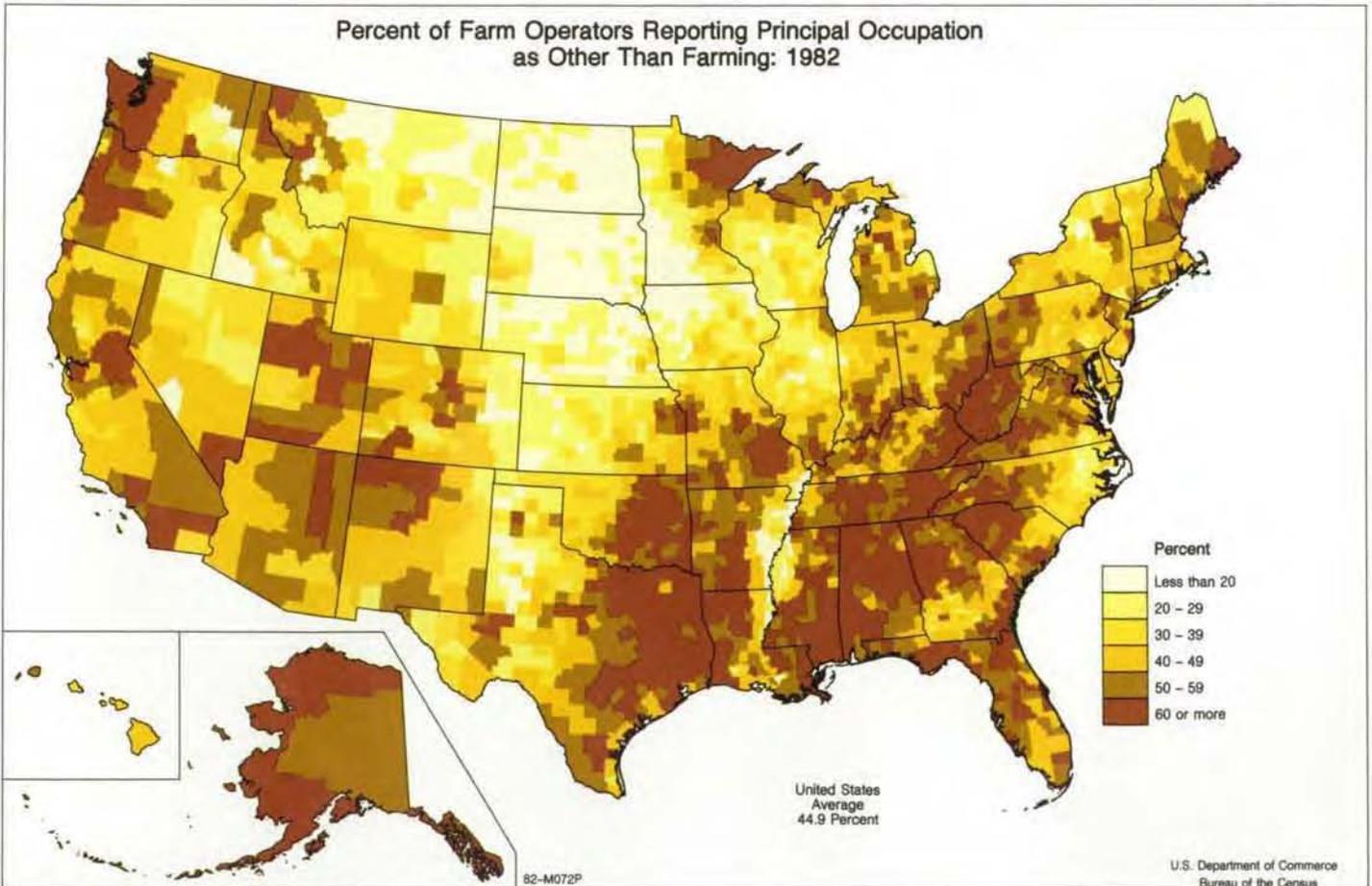
Percent of Farm Operators Reporting Principal Occupation as Farming: 1982



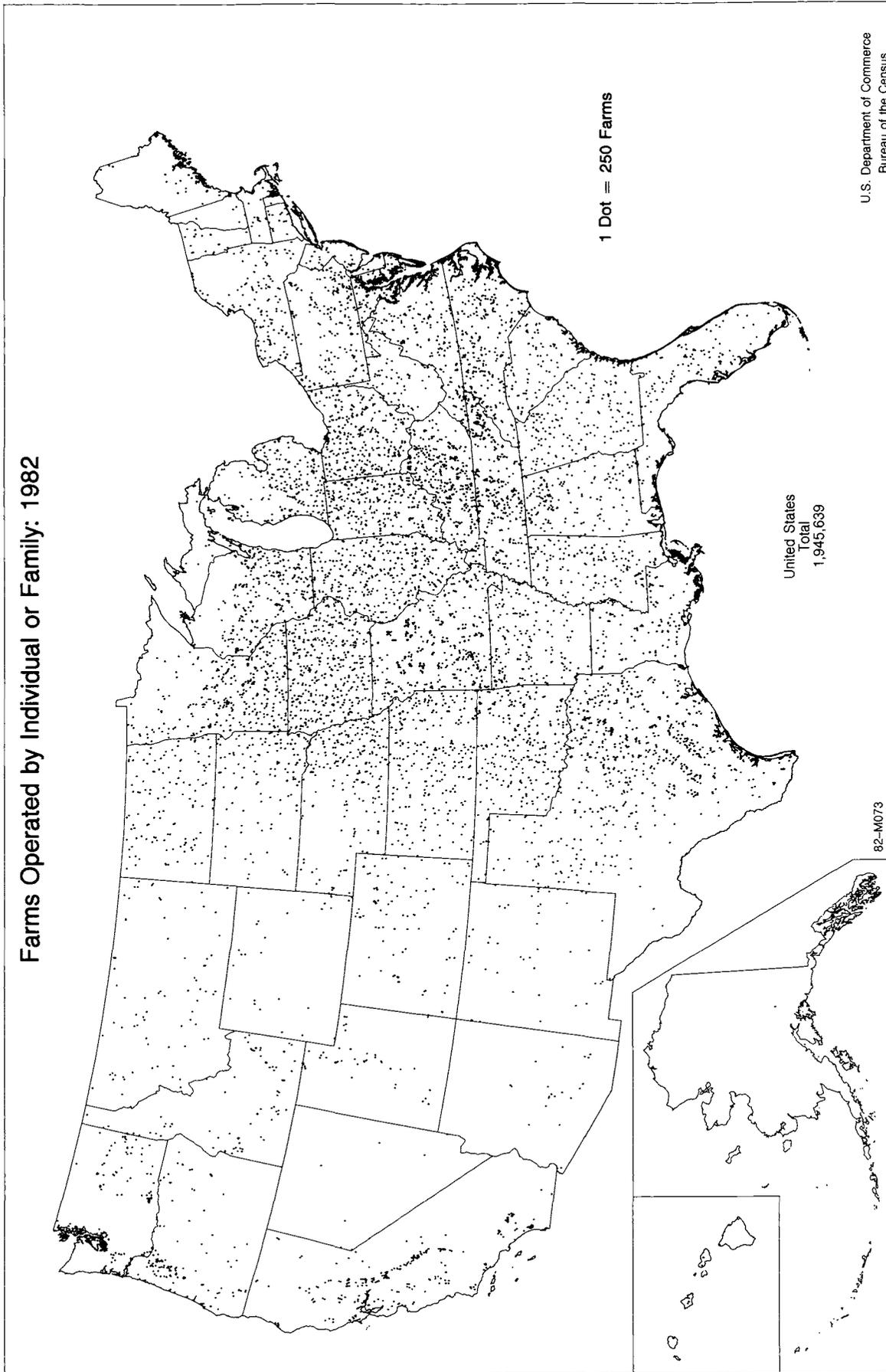
Farm Operators Reporting Principal Occupation as Other Than Farming: 1982



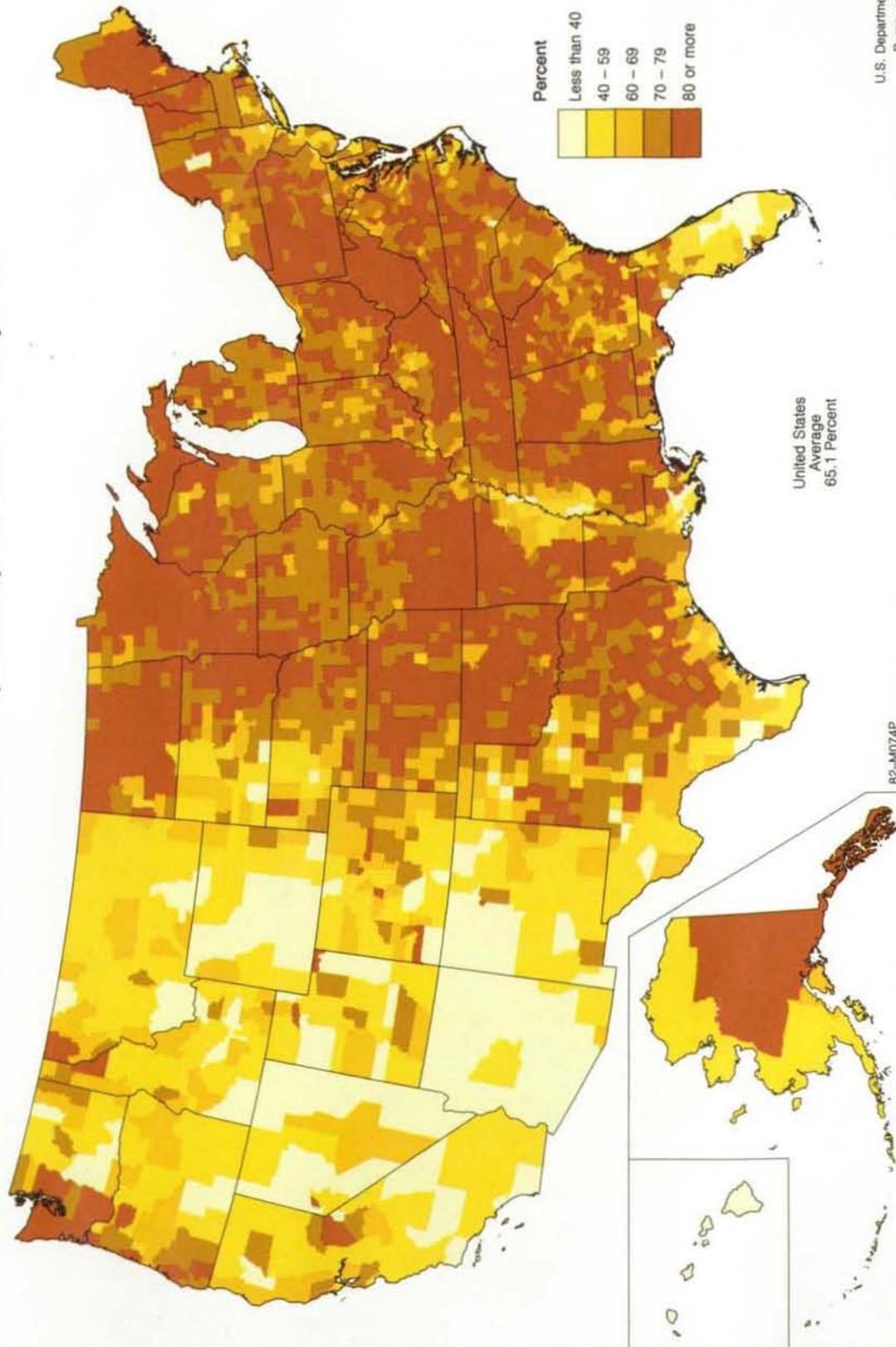
Percent of Farm Operators Reporting Principal Occupation as Other Than Farming: 1982



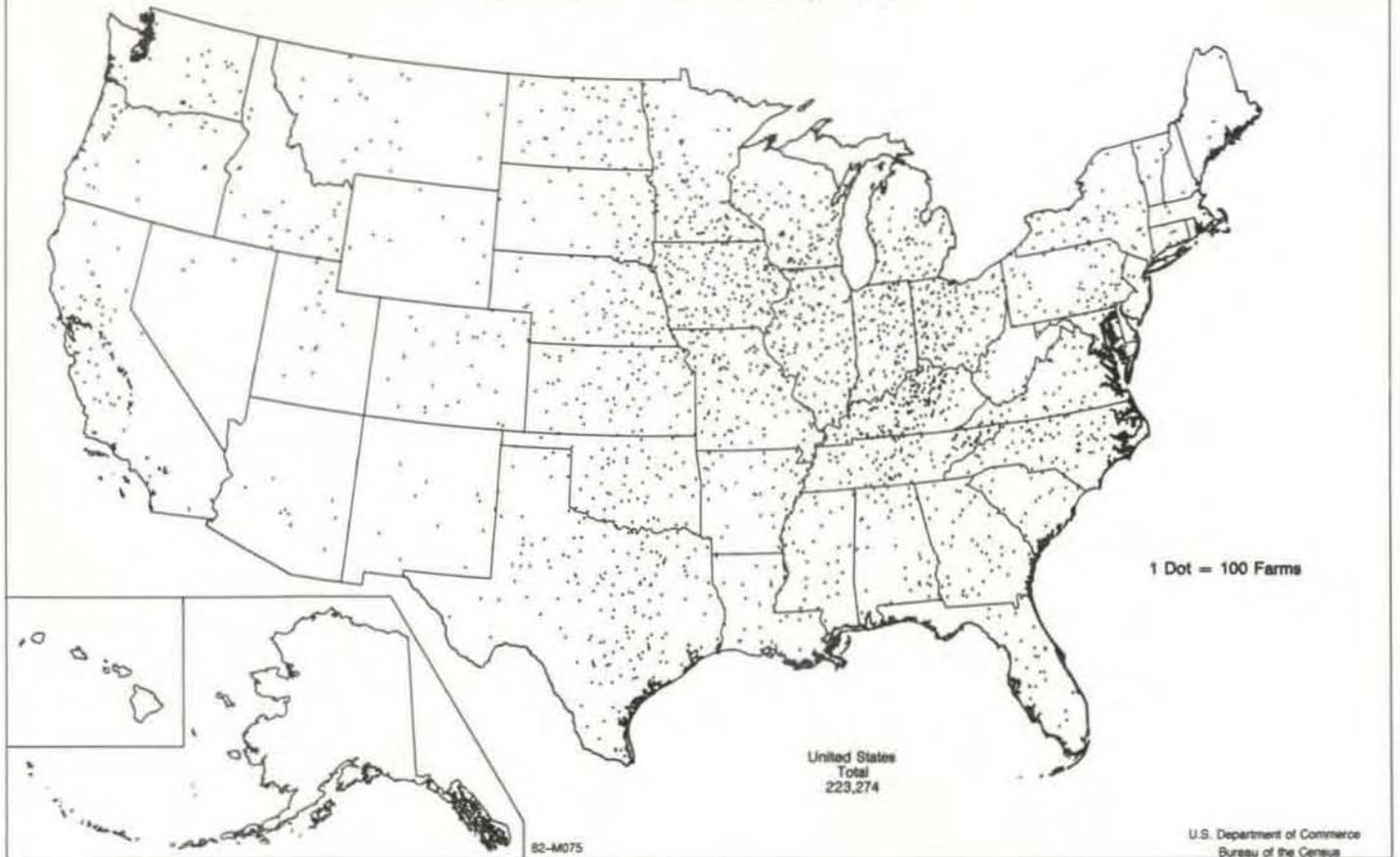
Farms Operated by Individual or Family: 1982



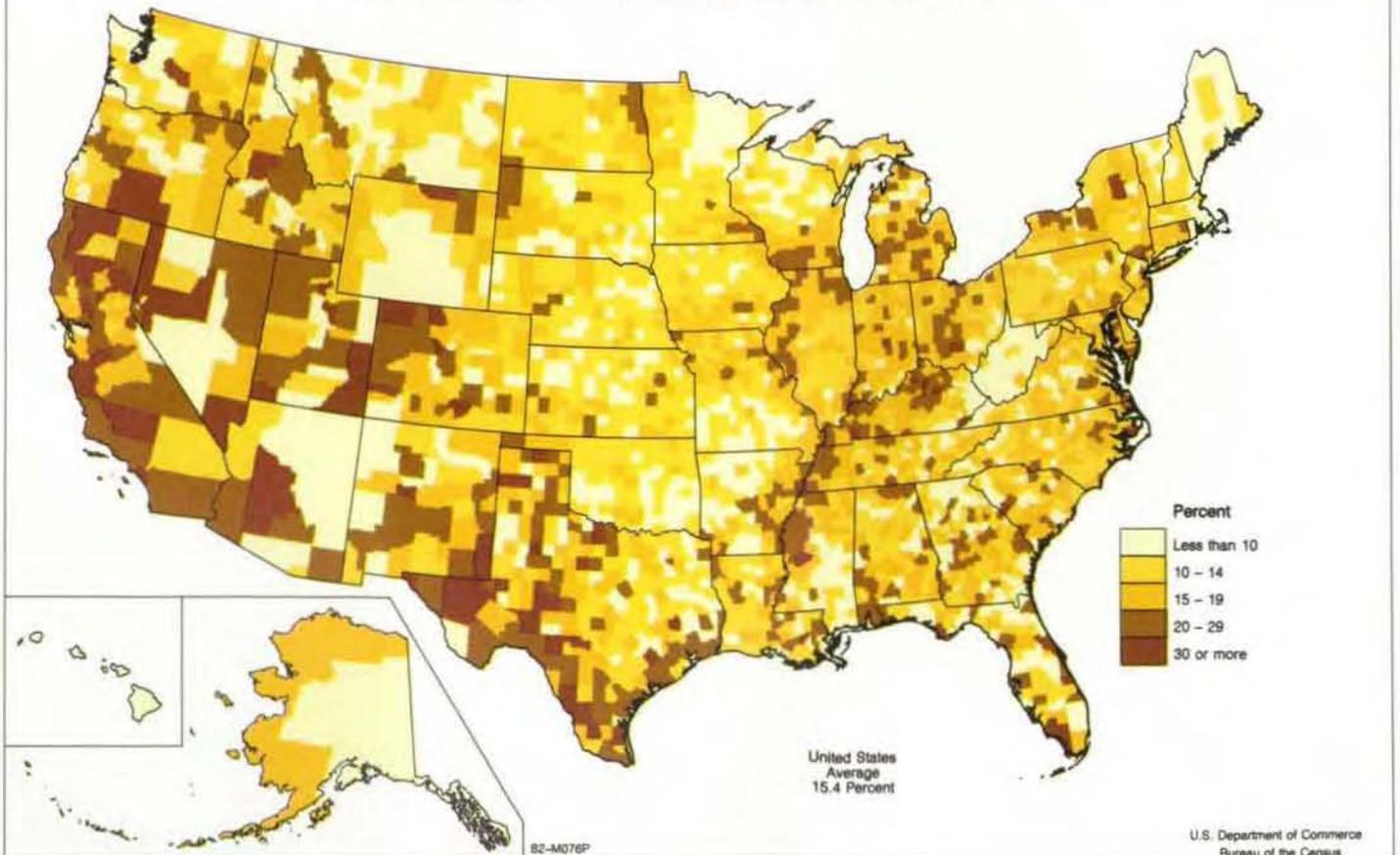
Percent of Land in Farms Operated by Individual or Family: 1982



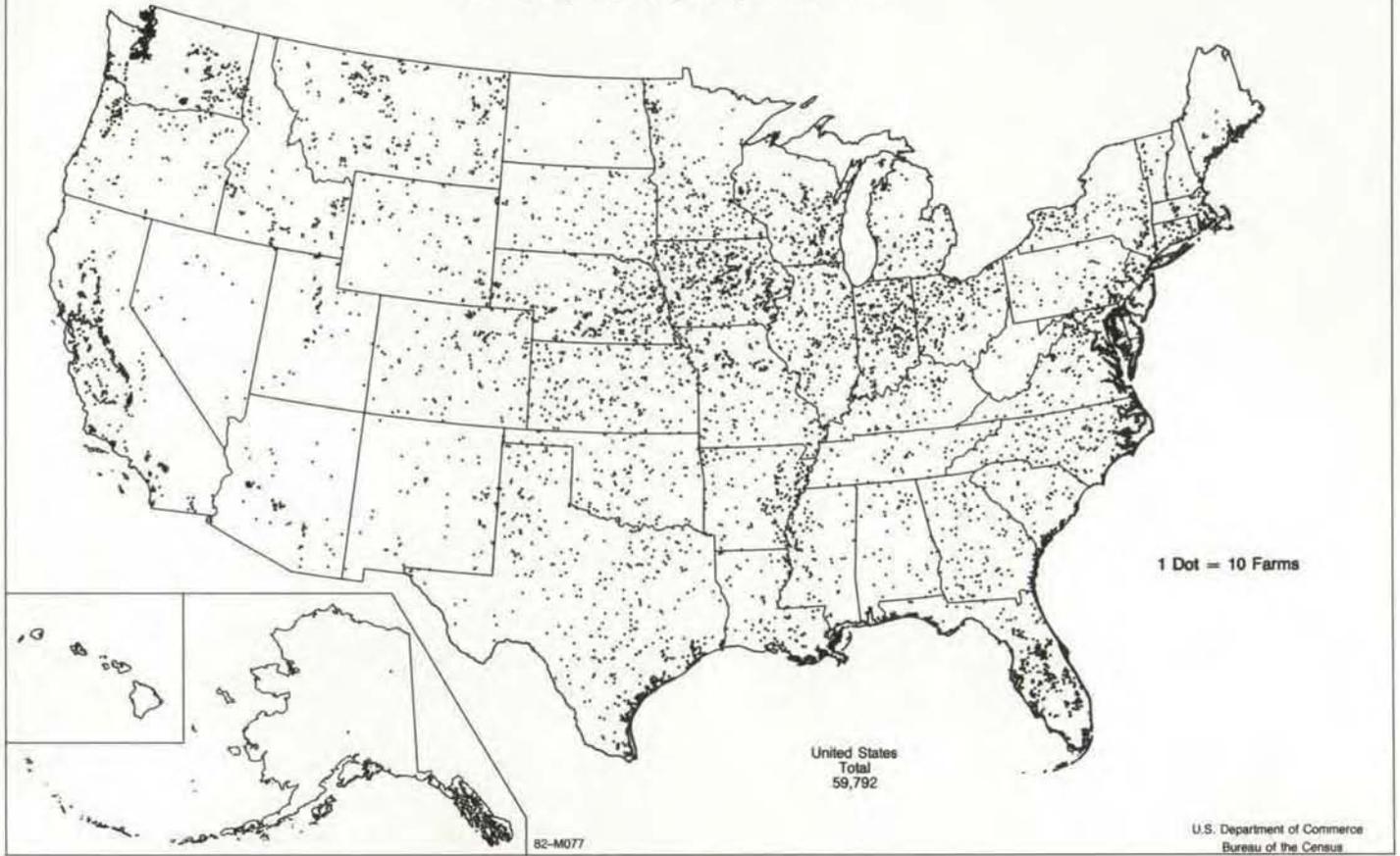
Farms Operated by Partnership: 1982



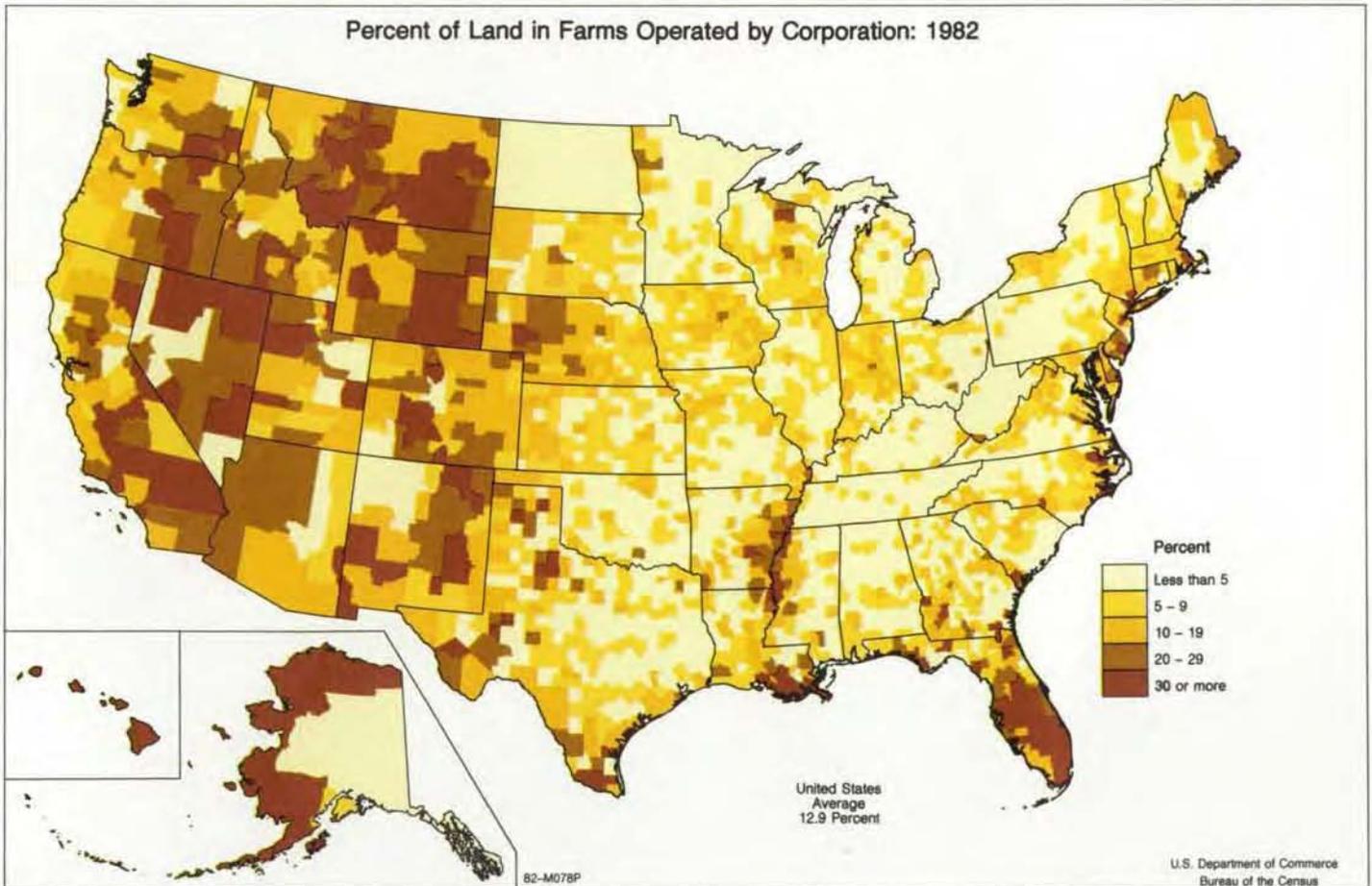
Percent of Land in Farms Operated by Partnership: 1982



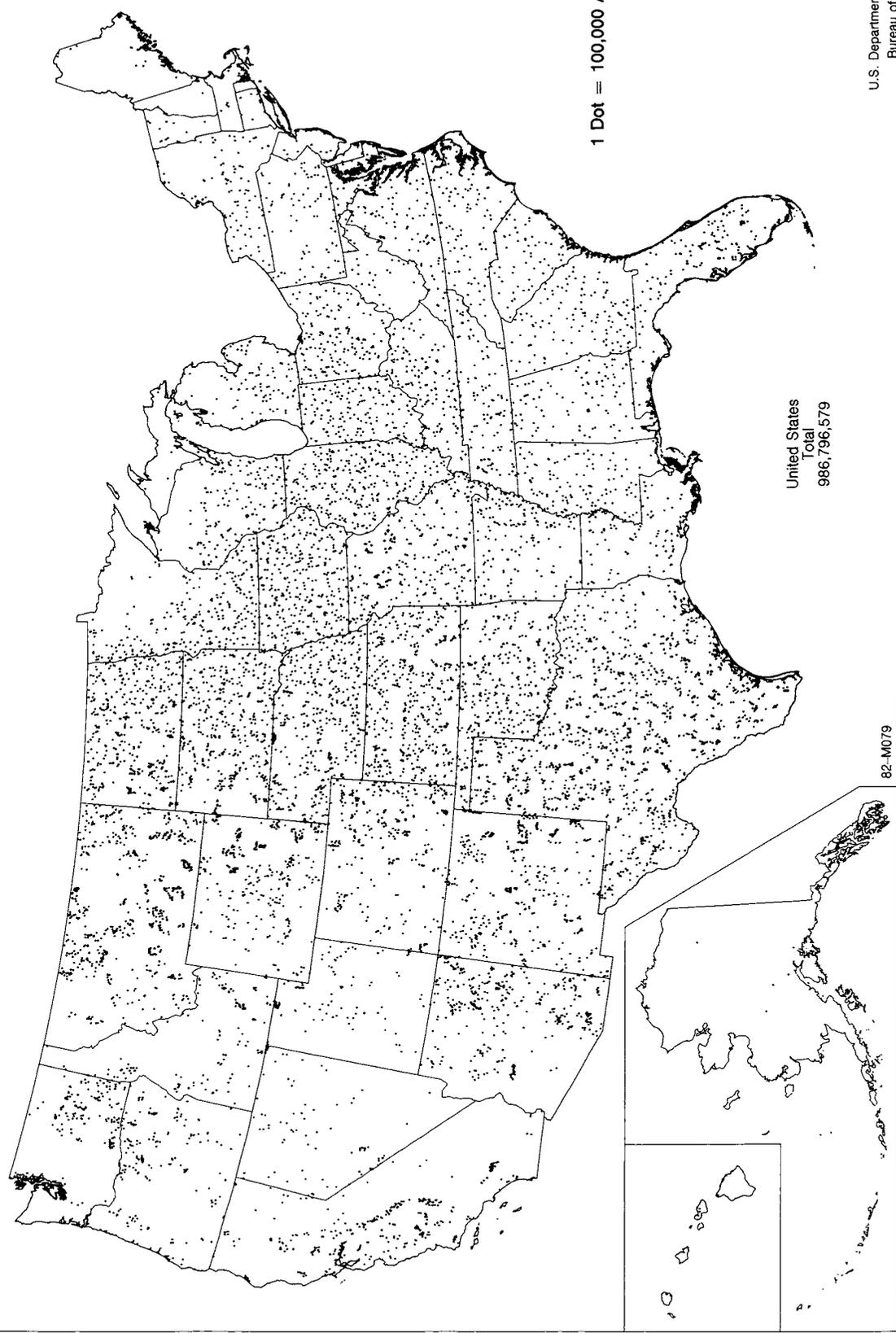
Farms Operated by Corporation: 1982



Percent of Land in Farms Operated by Corporation: 1982

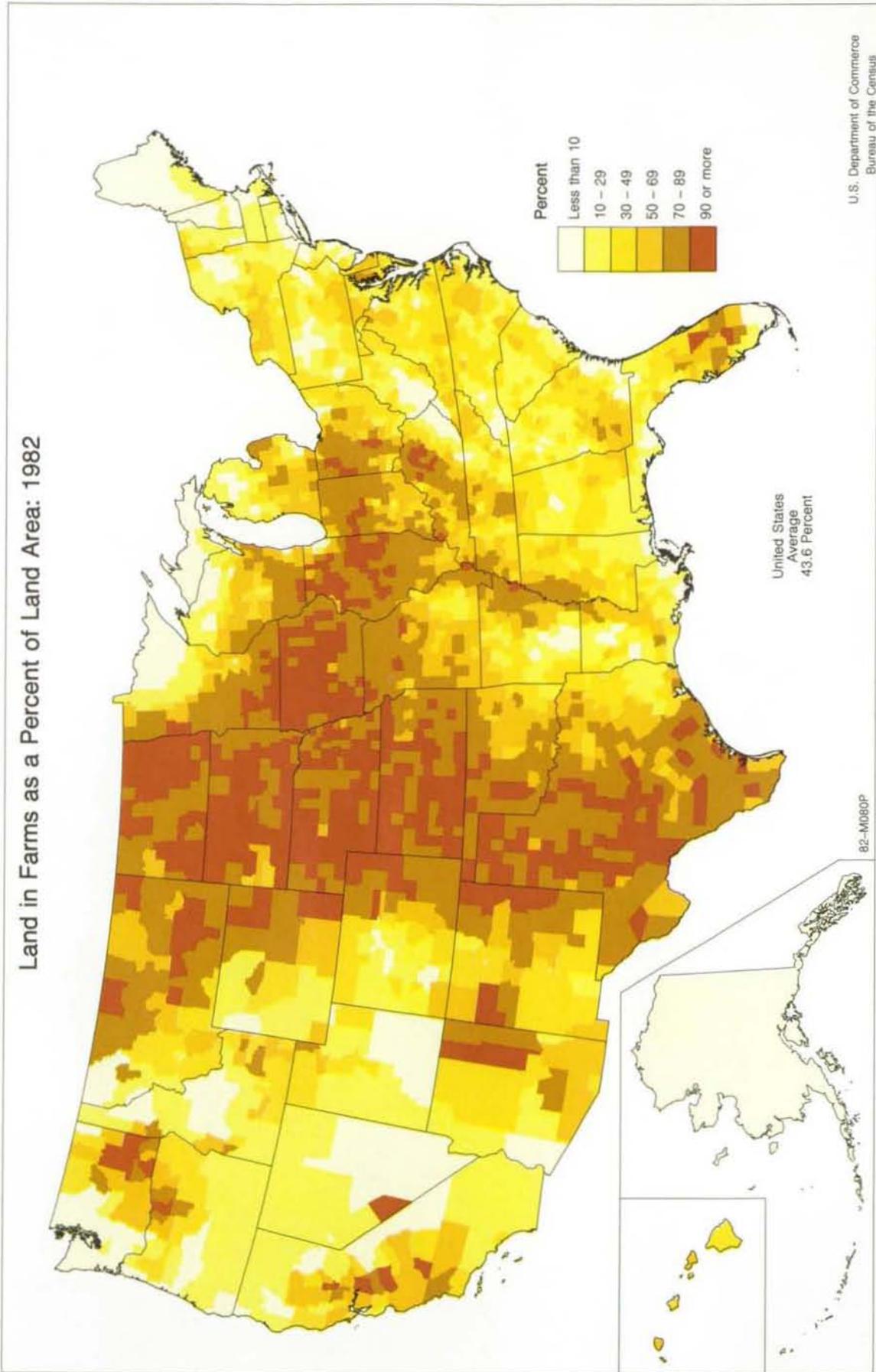


Land in Farms: 1982



U.S. Department of Commerce
Bureau of the Census

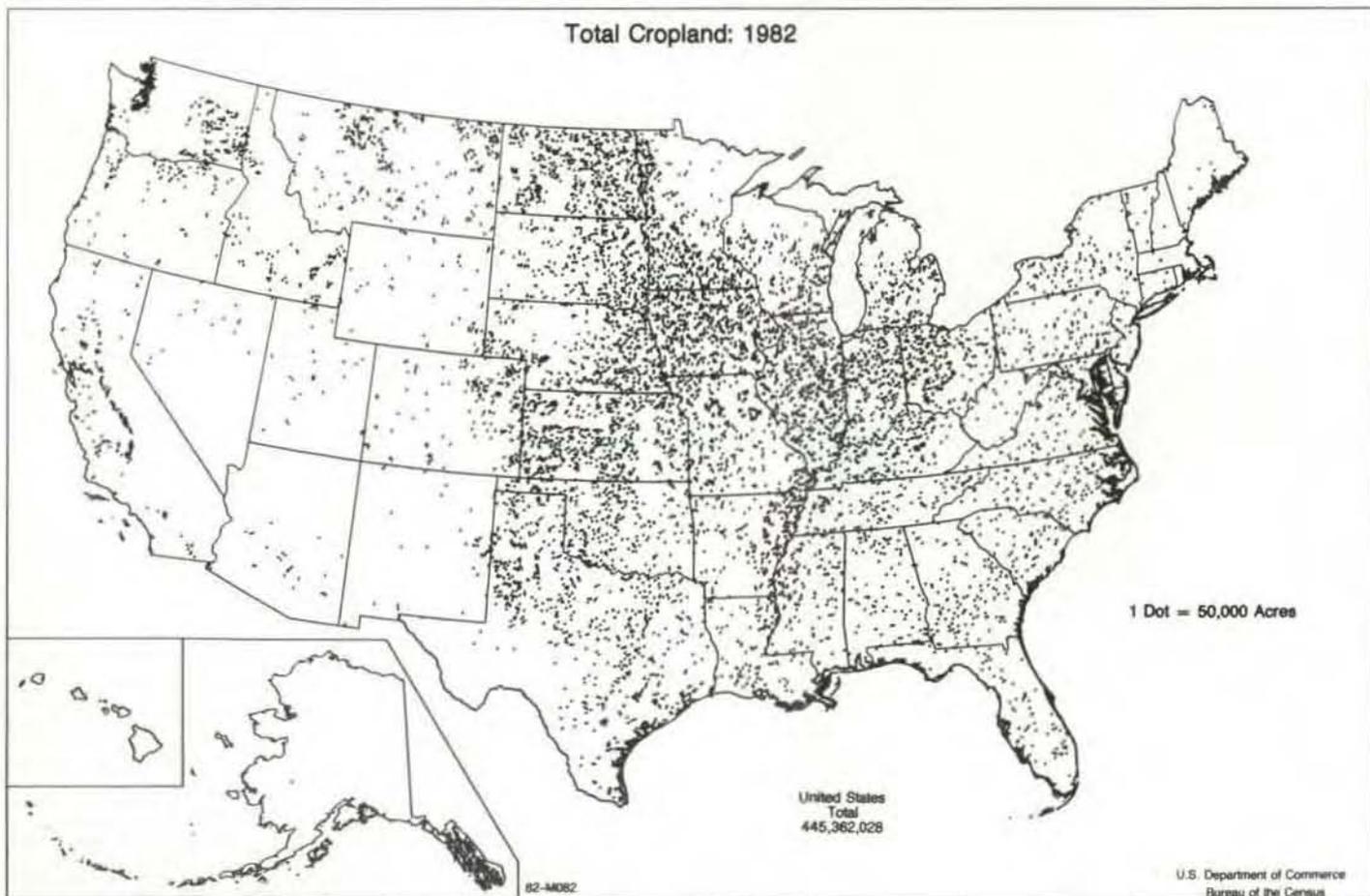
Land in Farms as a Percent of Land Area: 1982



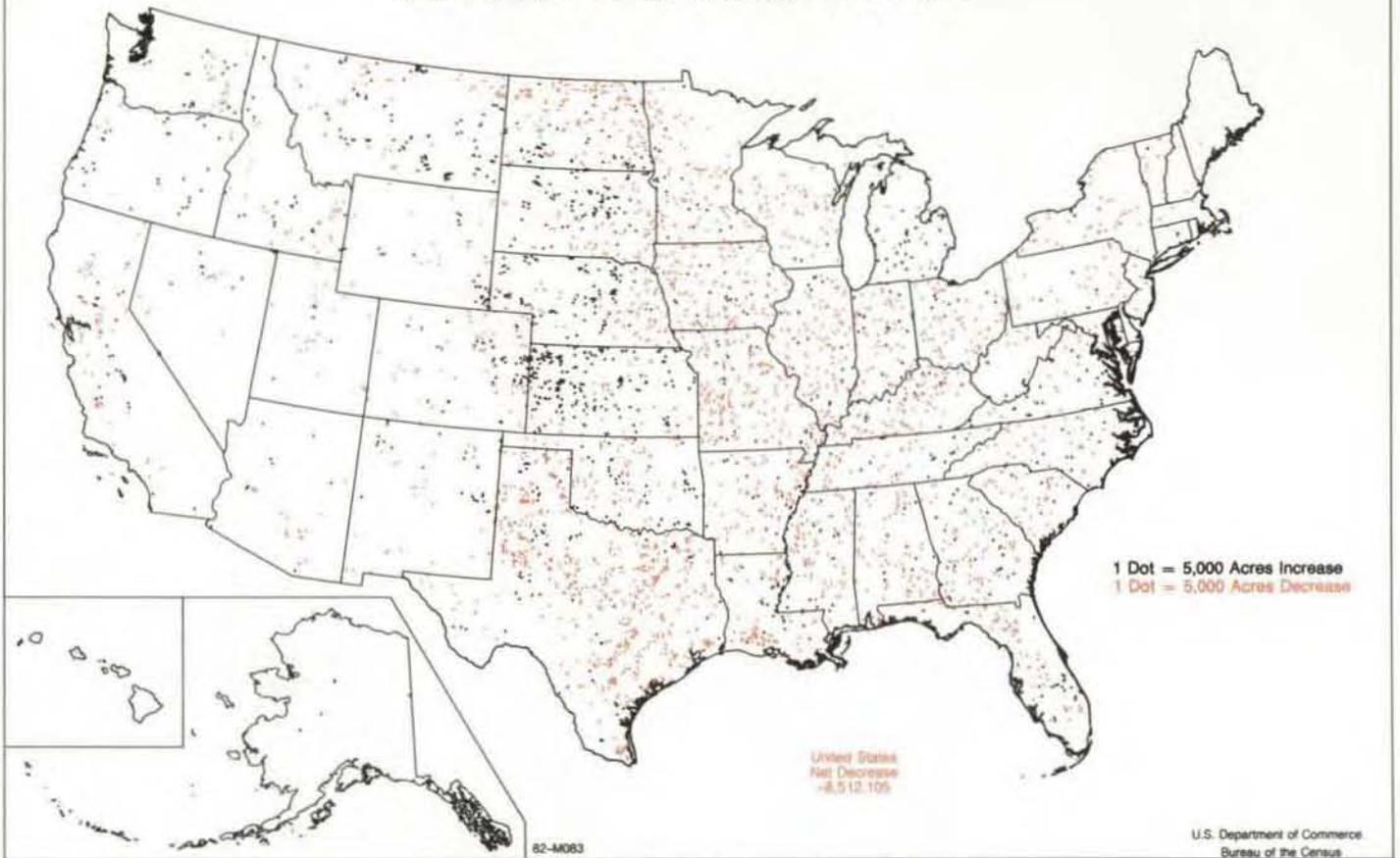
Land in Farms - Change in Acreage: 1978 to 1982



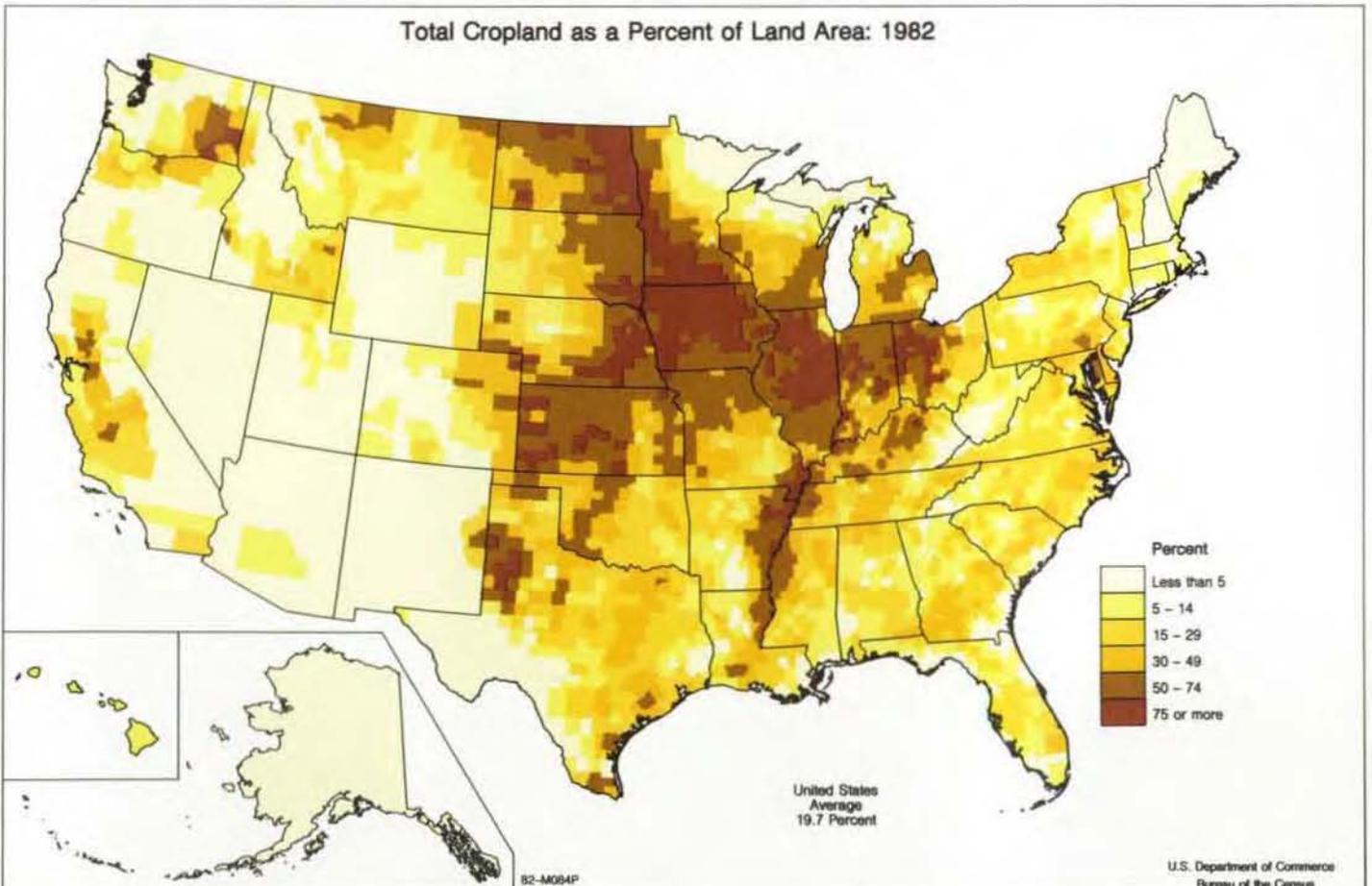
Total Cropland: 1982



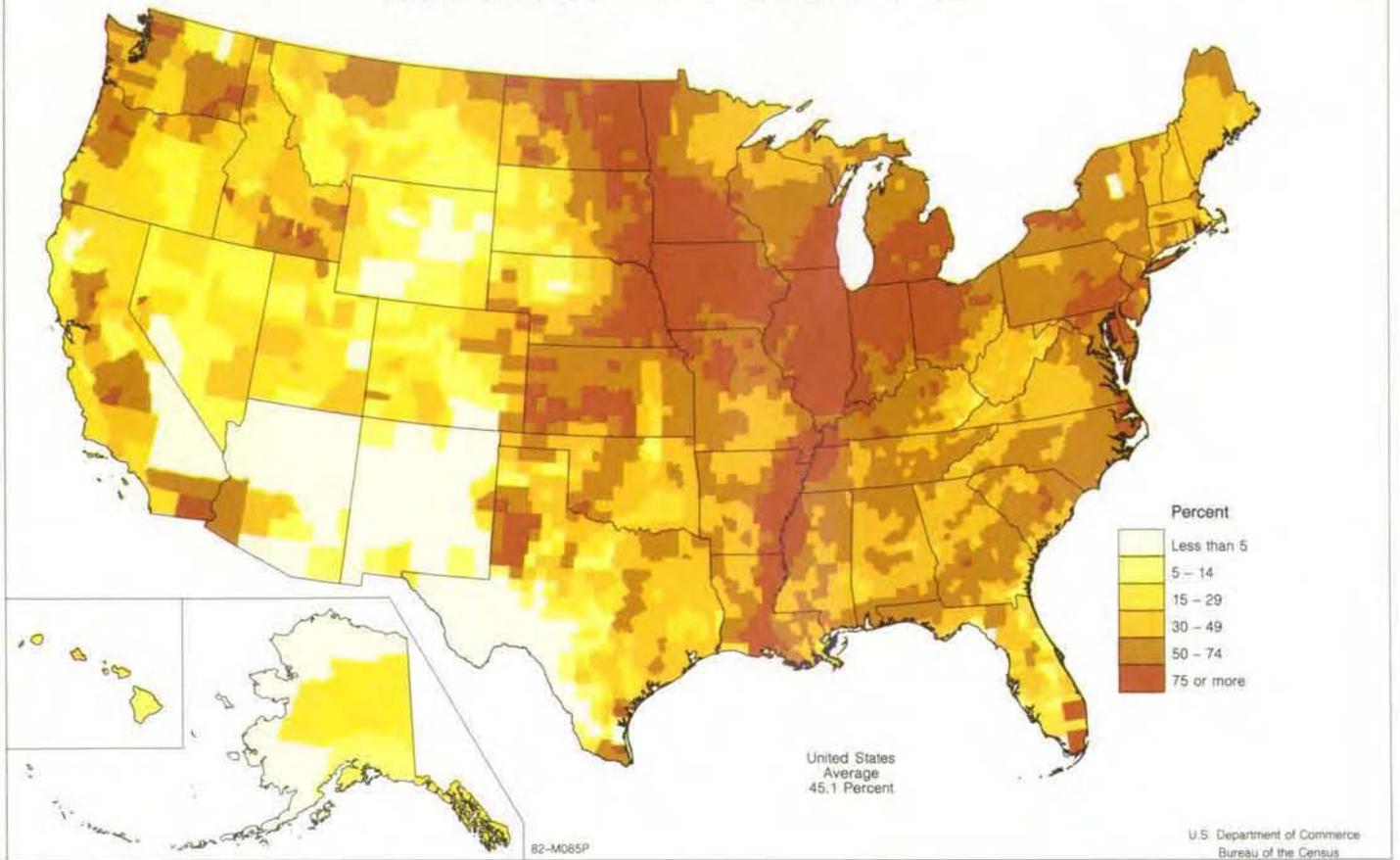
Total Cropland - Change in Acreage: 1978 to 1982

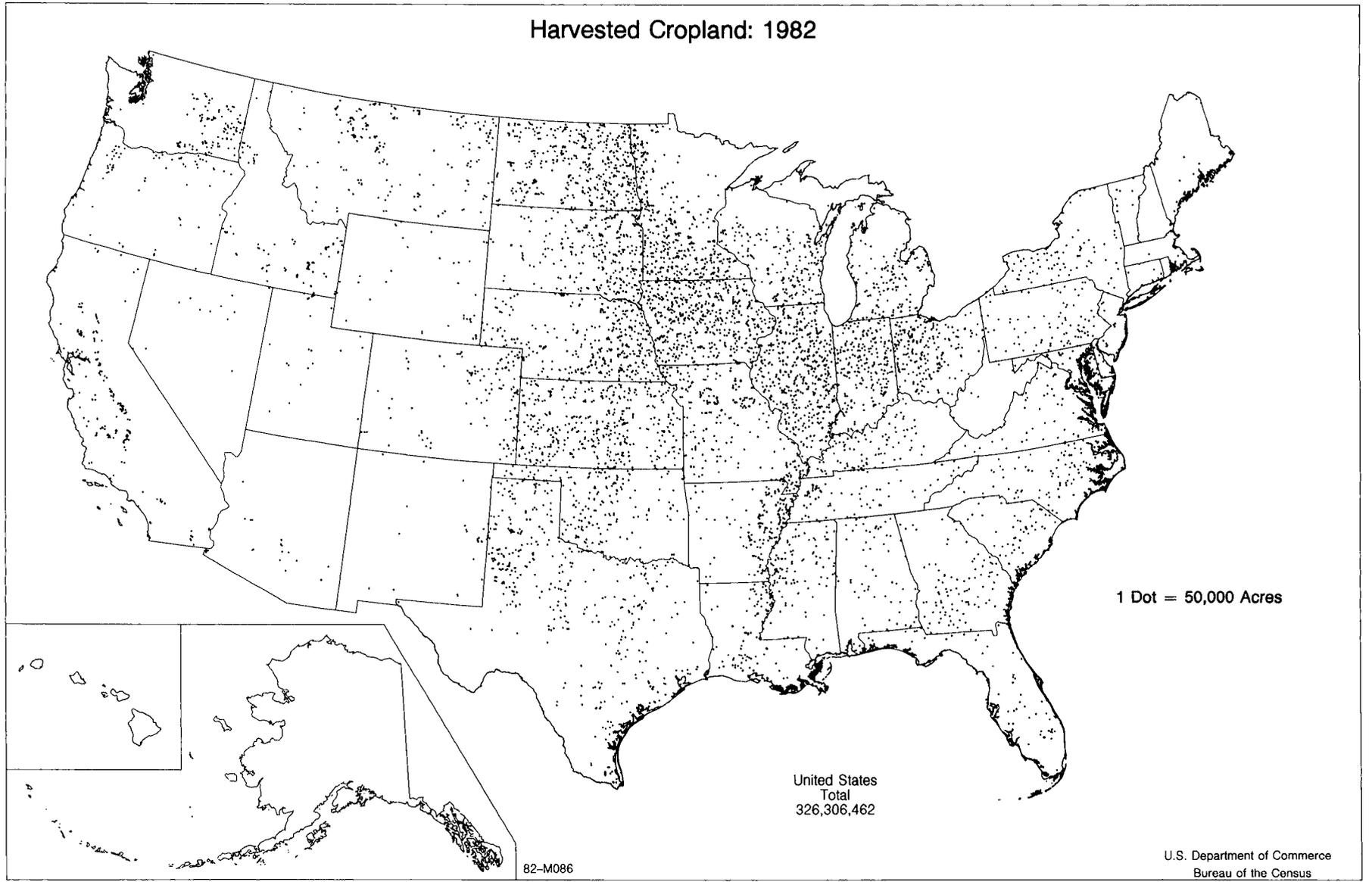


Total Cropland as a Percent of Land Area: 1982

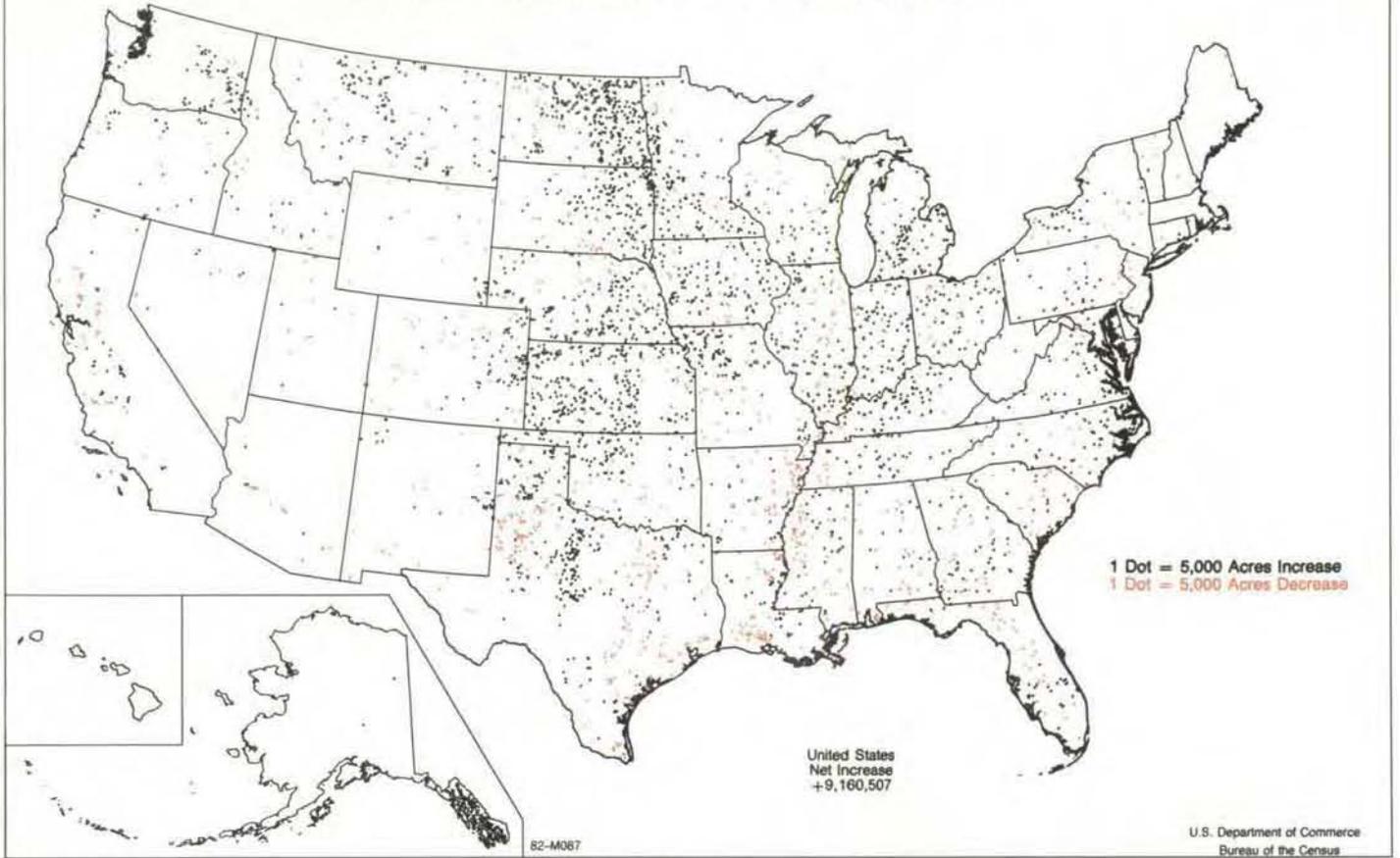


Total Cropland as a Percent of Land in Farms: 1982

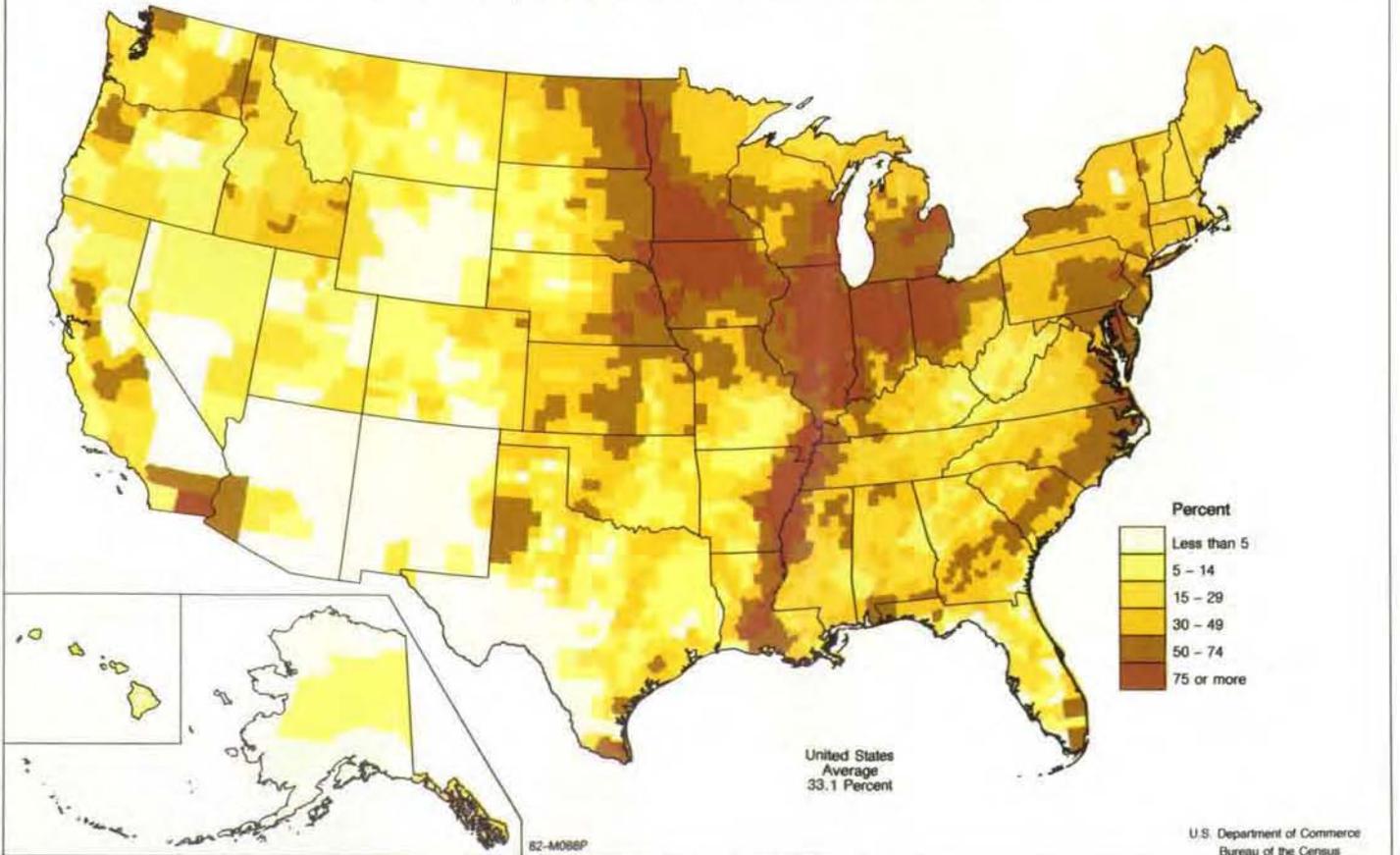




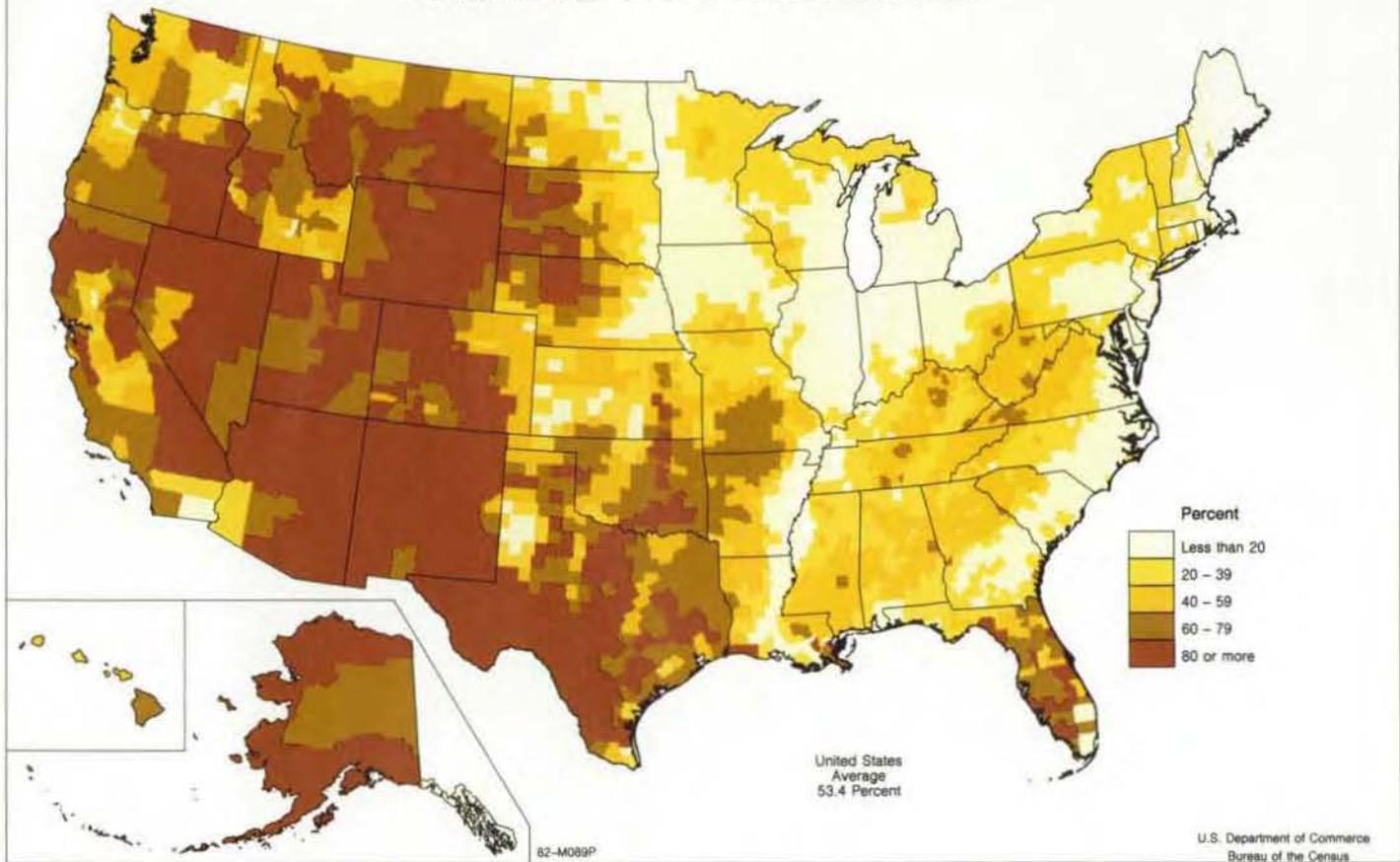
Harvested Cropland - Change in Acreage: 1978 to 1982



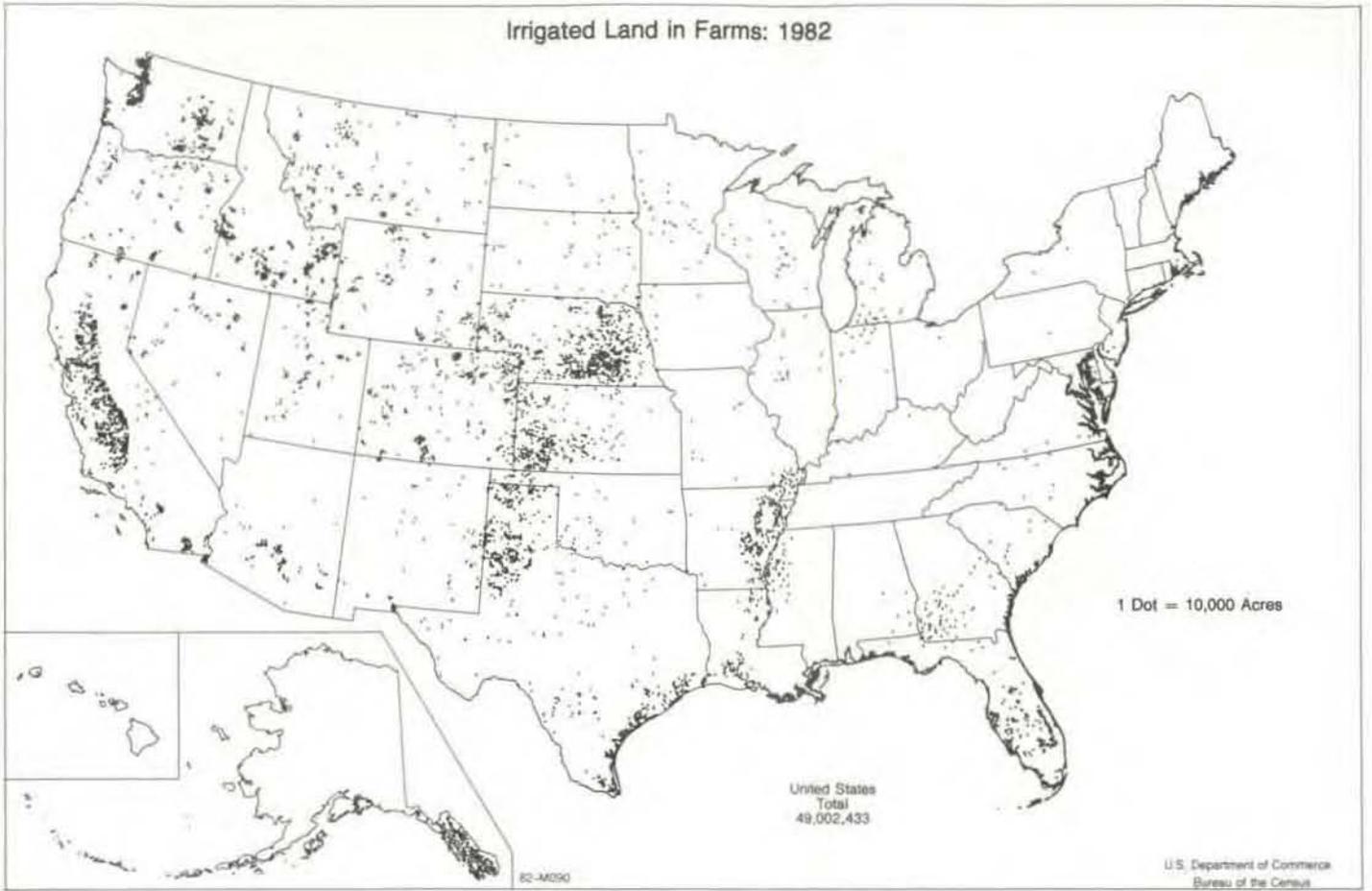
Harvested Cropland as a Percent of Land in Farms: 1982



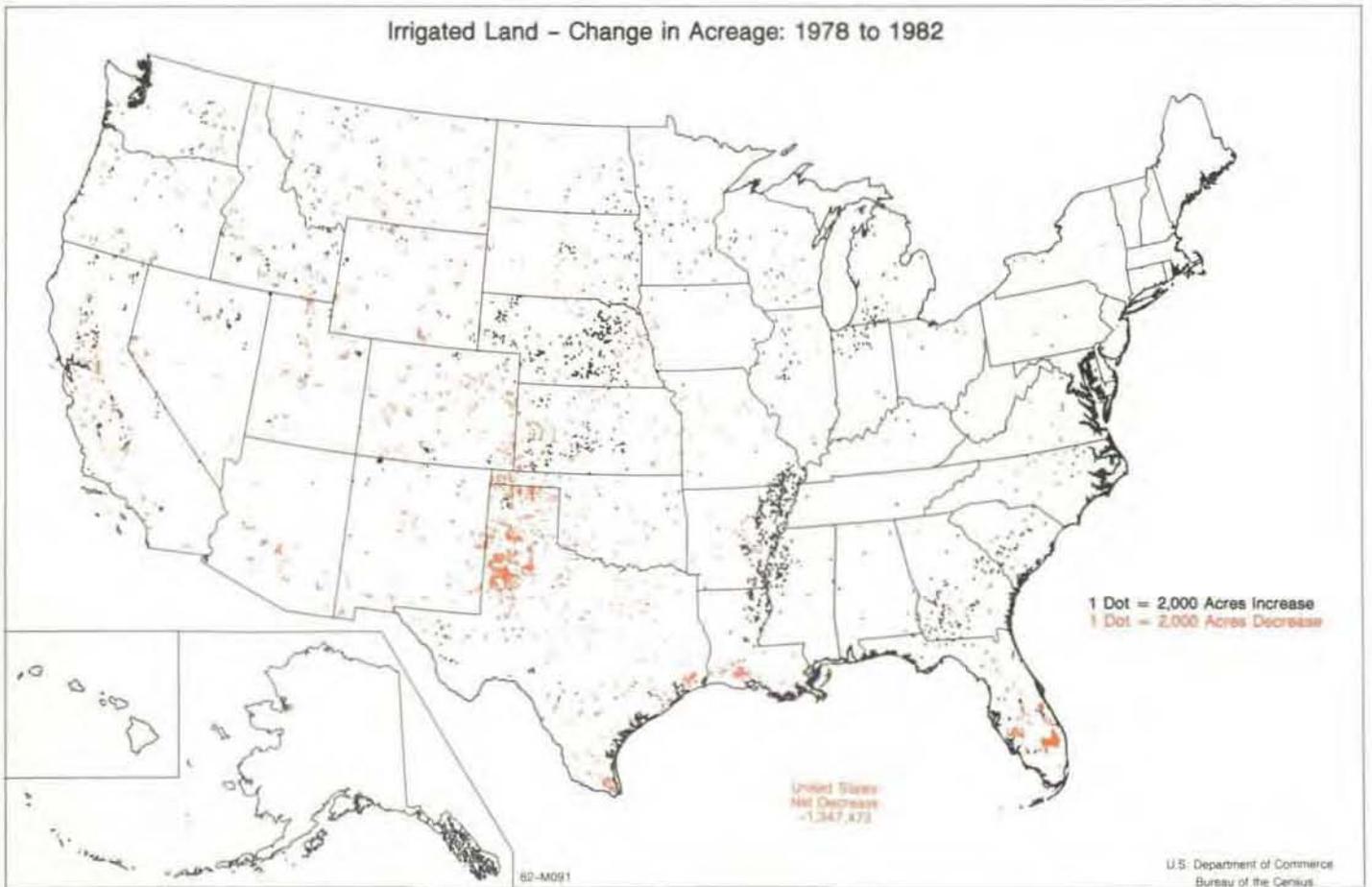
Pastureland as a Percent of Land in Farms: 1982



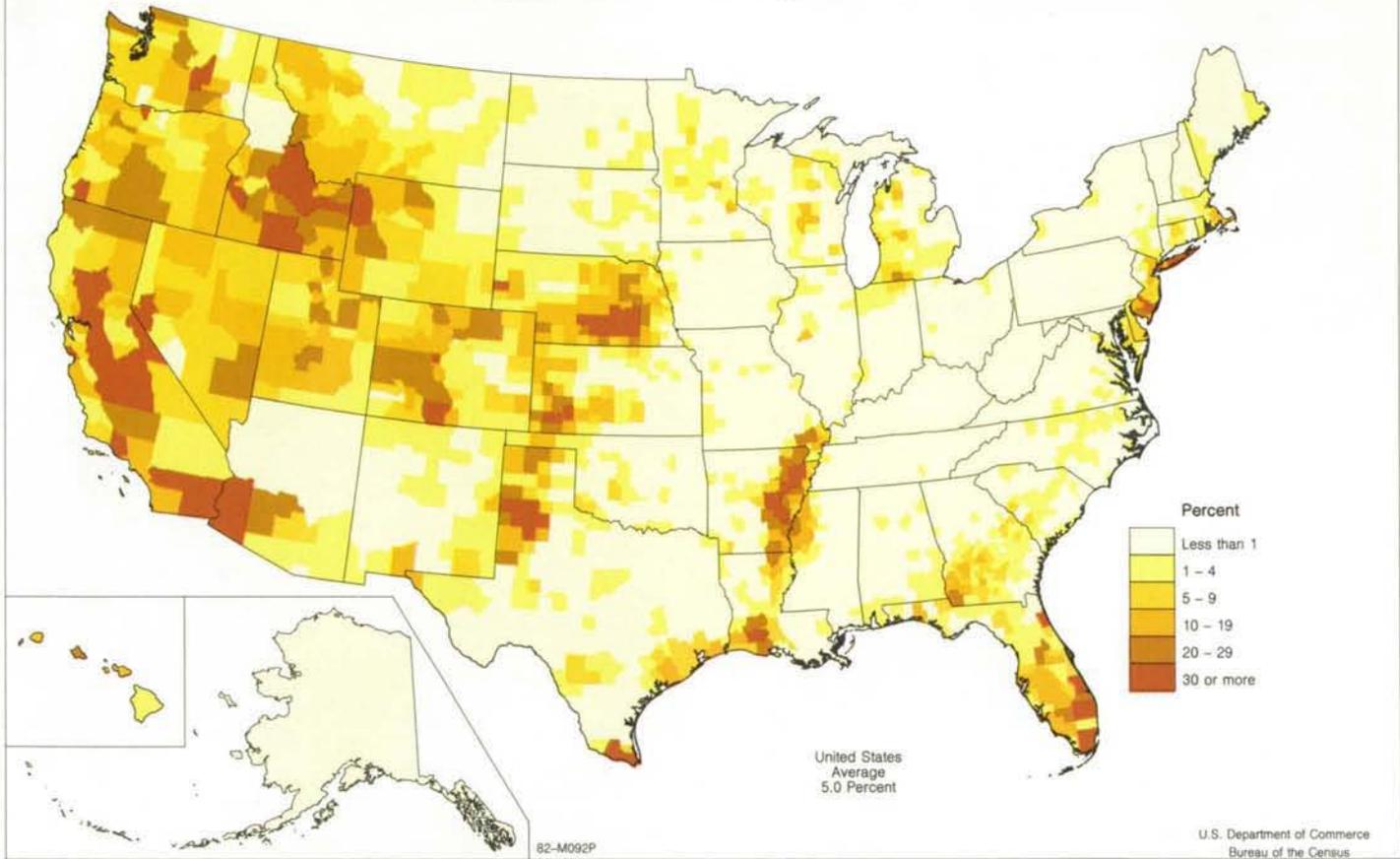
Irrigated Land in Farms: 1982



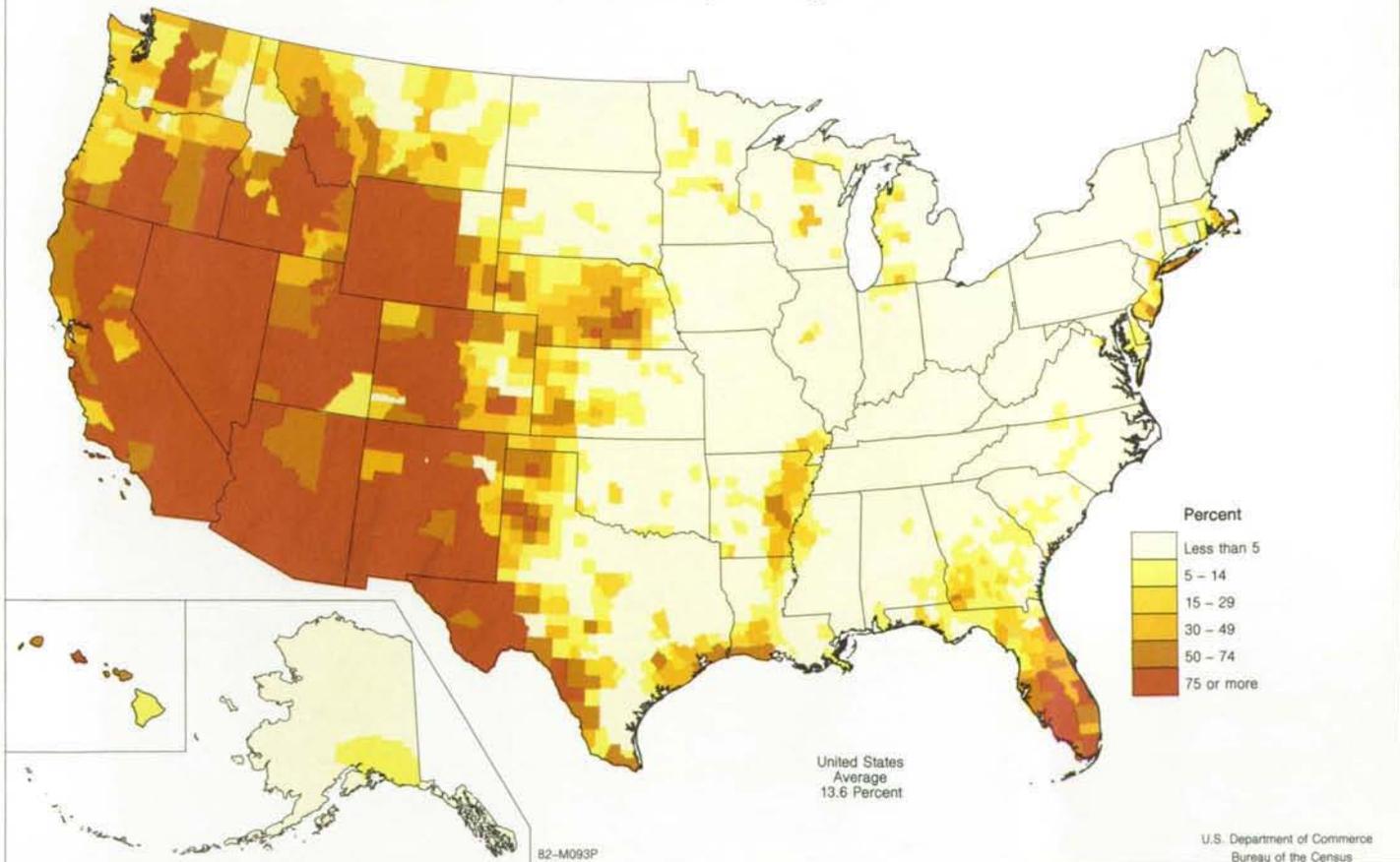
Irrigated Land - Change in Acreage: 1978 to 1982



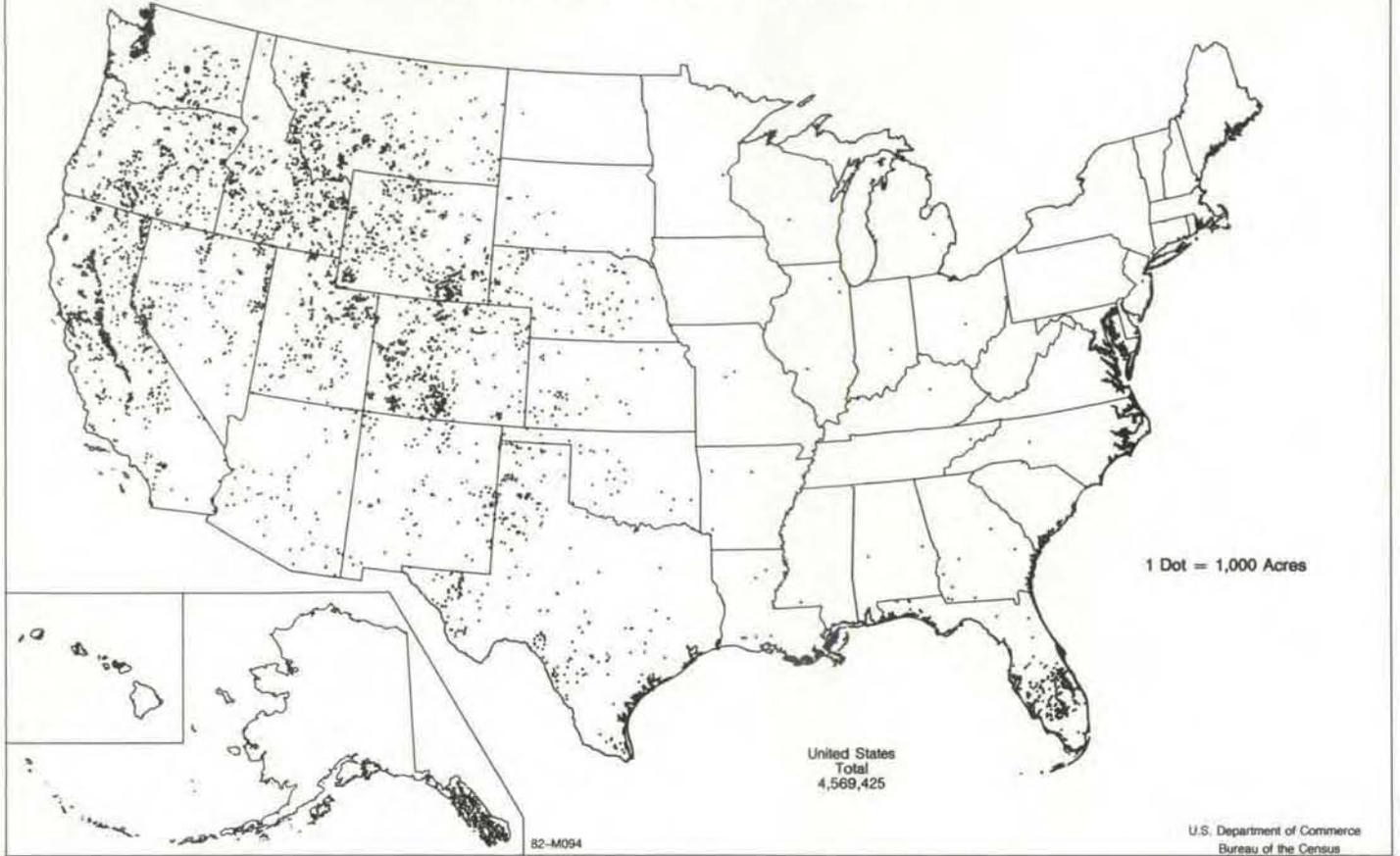
Percent of Land in Farms Irrigated: 1982



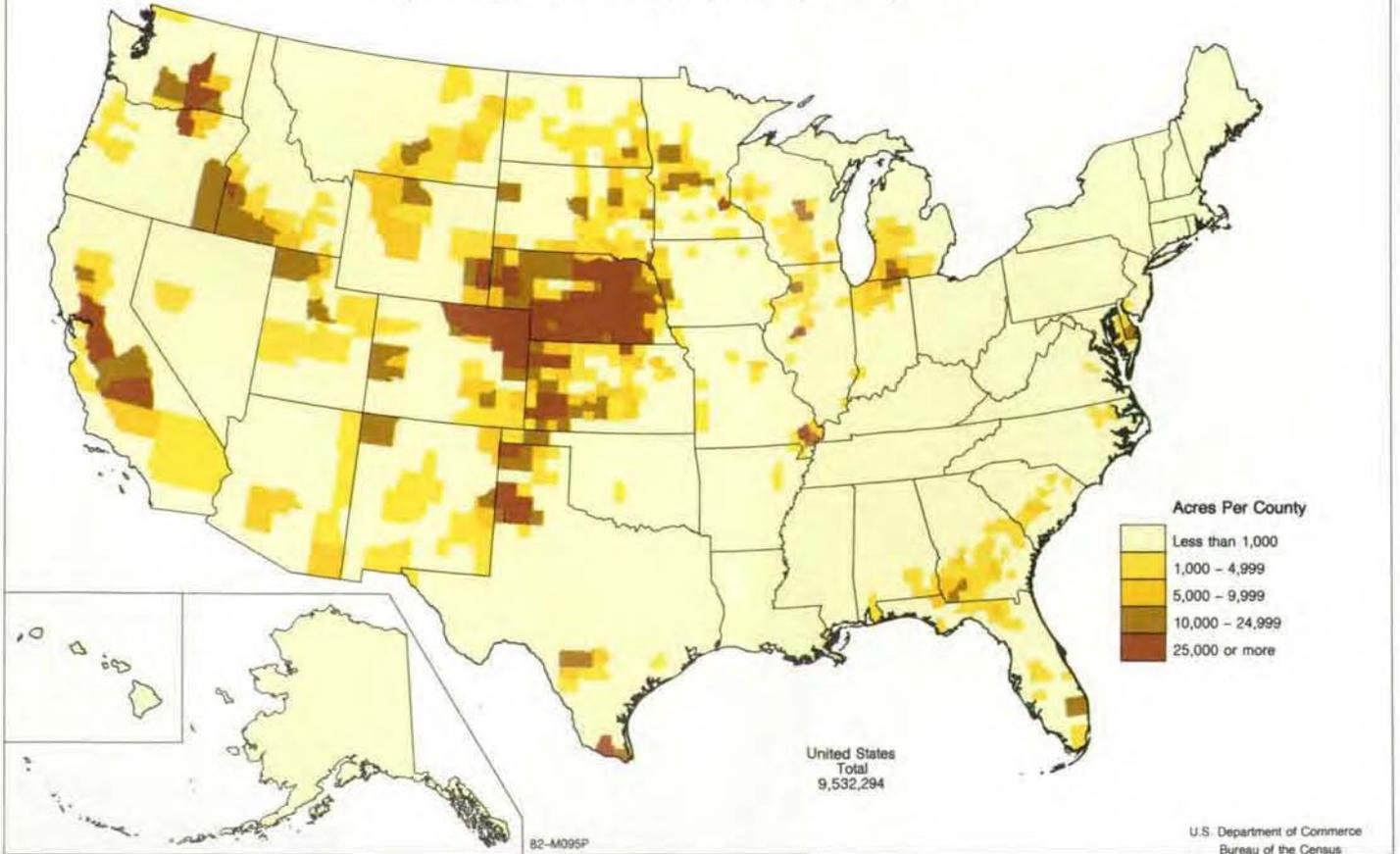
Percent of Harvested Cropland Irrigated: 1982



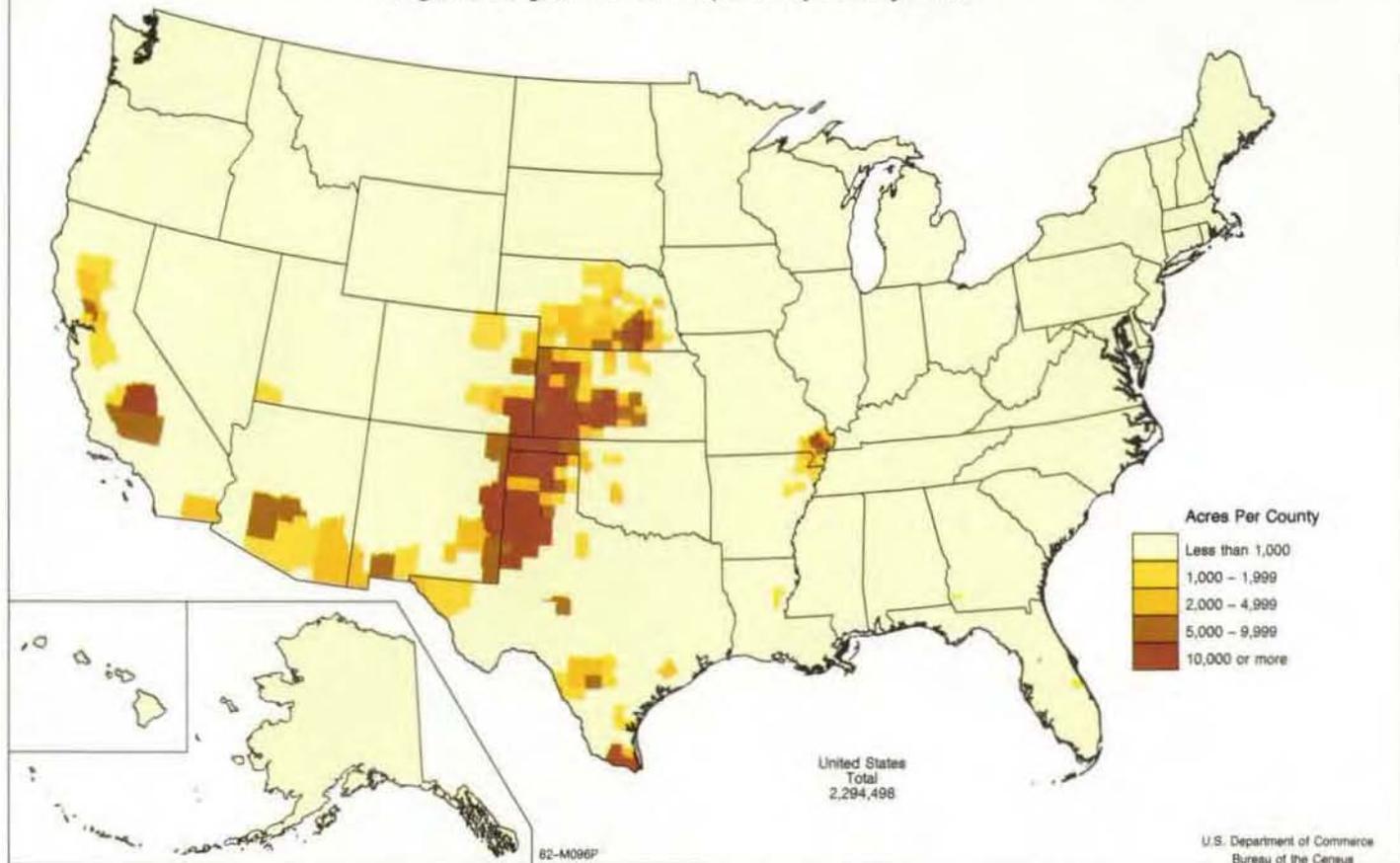
Irrigated Pastureland and Other Land: 1982



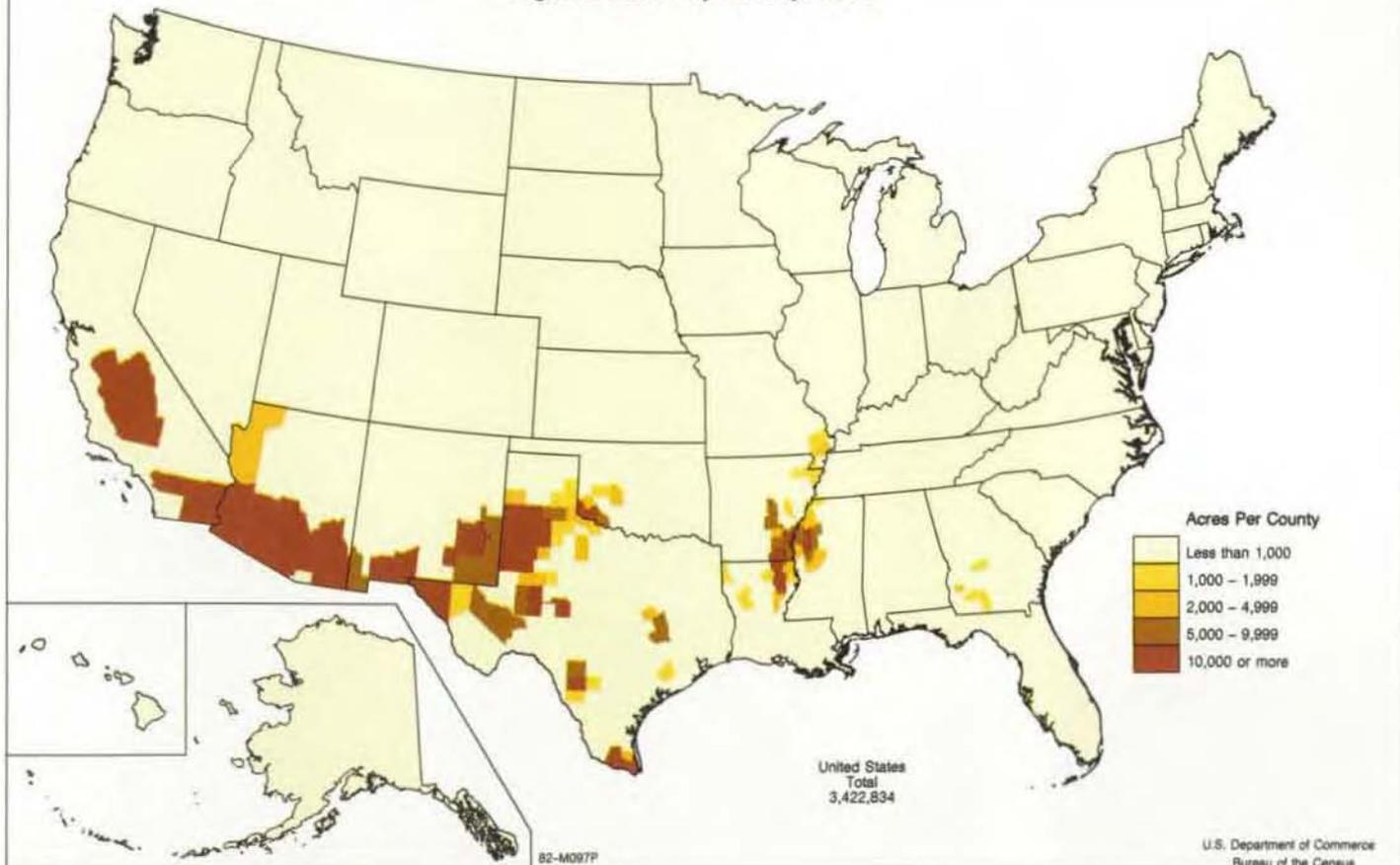
Irrigated Field Corn for All Purposes by County: 1982



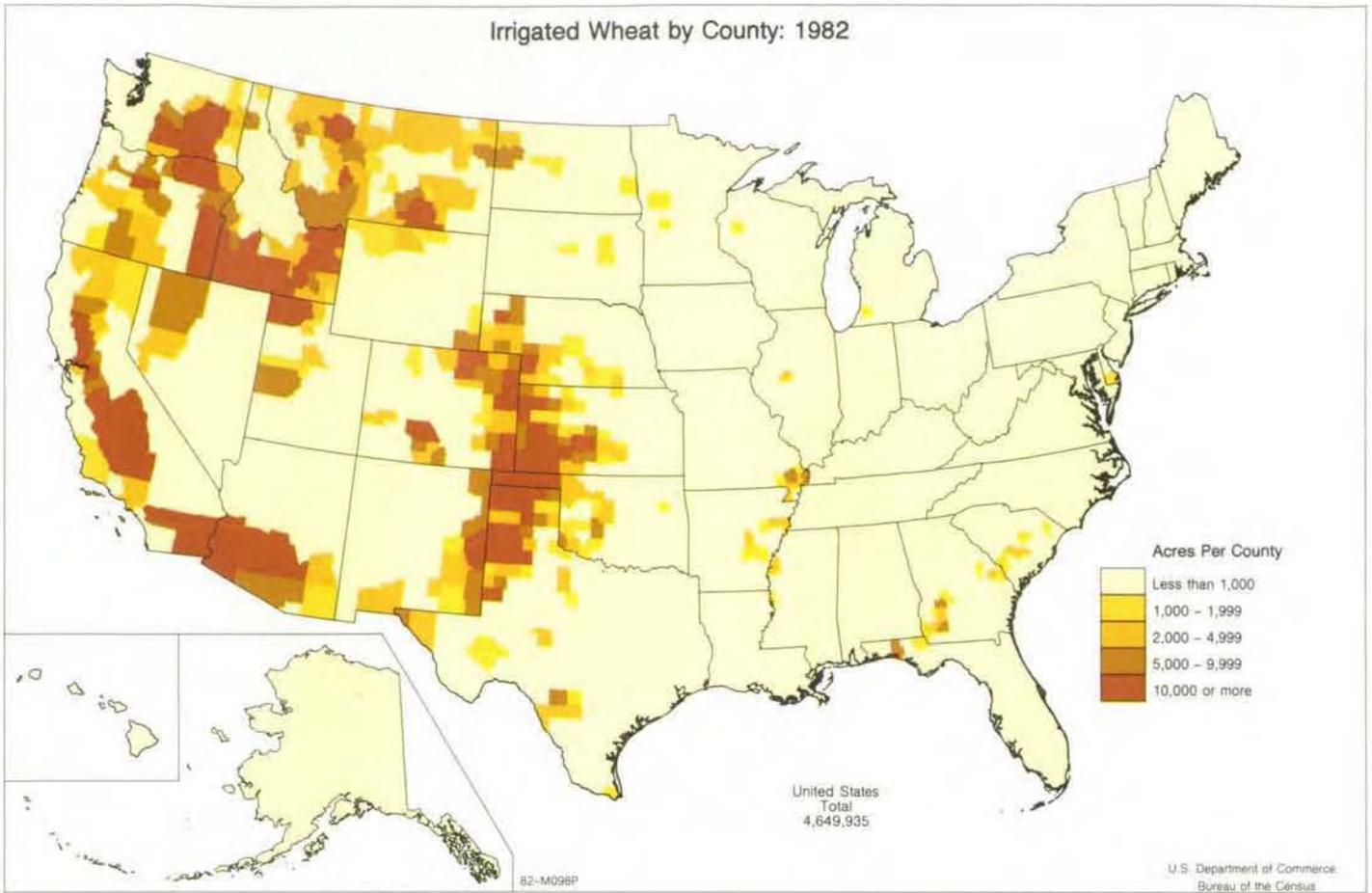
Irrigated Sorghum for All Purposes by County: 1982



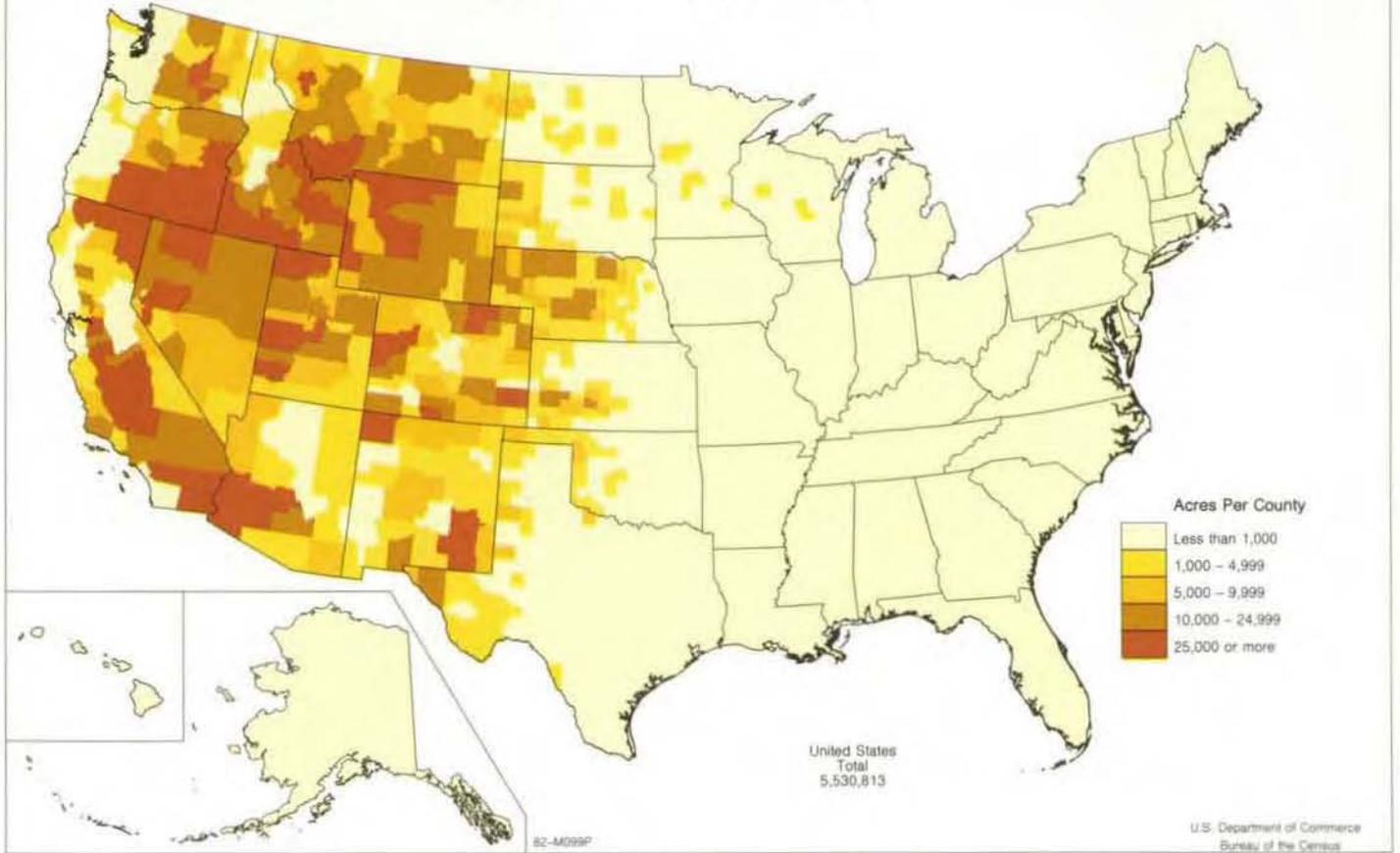
Irrigated Cotton by County: 1982



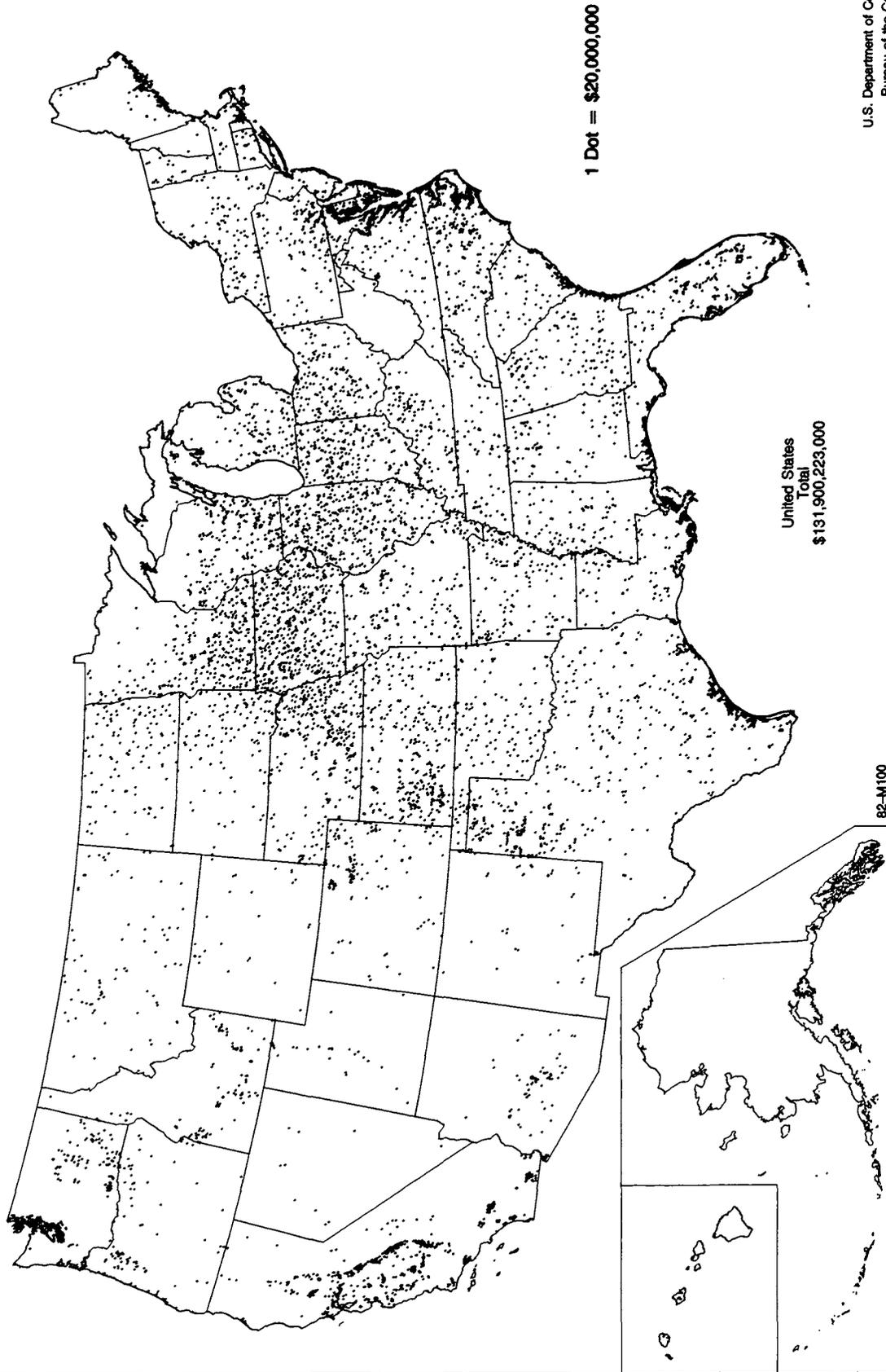
Irrigated Wheat by County: 1982



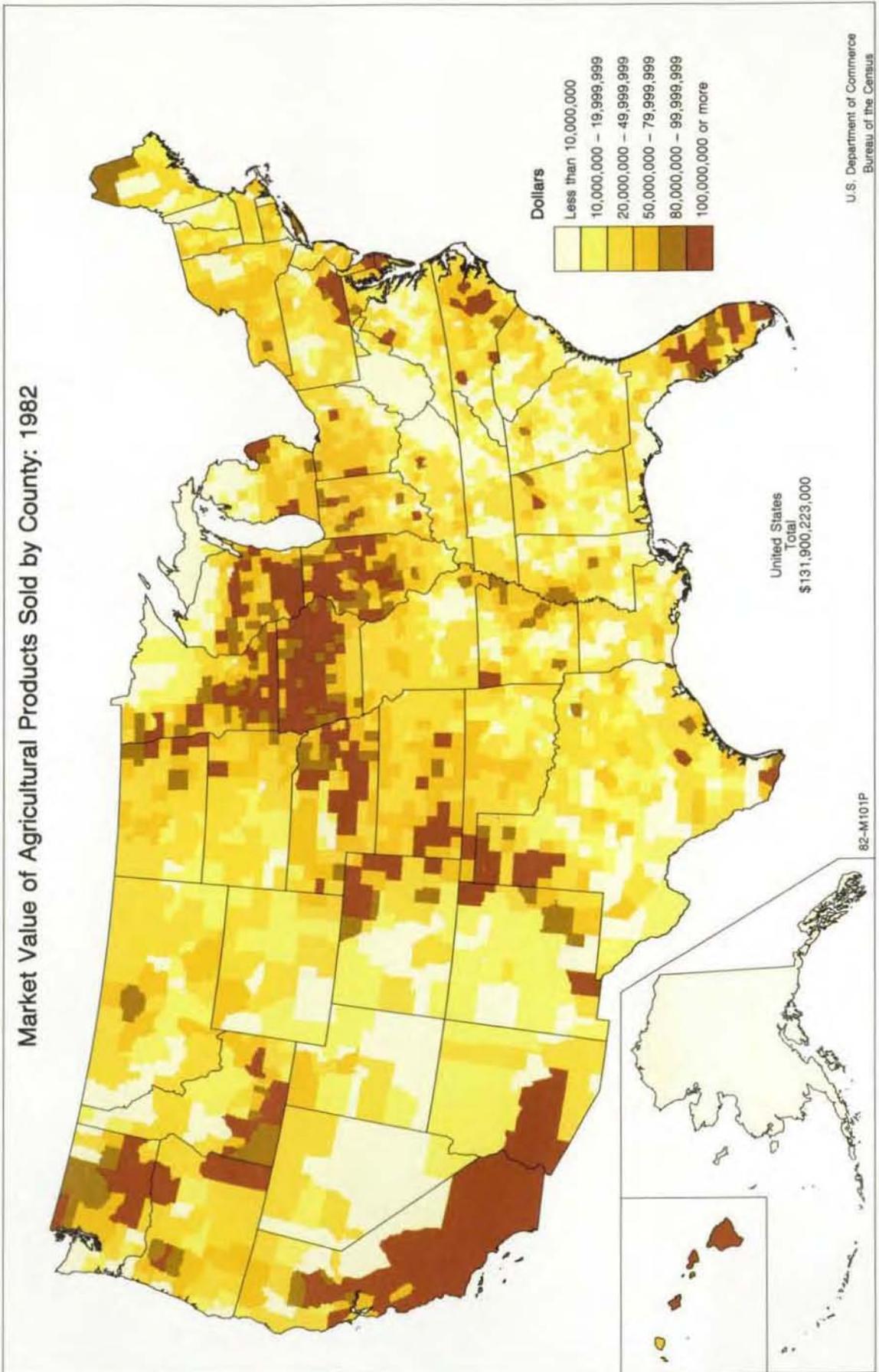
Irrigated Alfalfa Hay by County: 1982



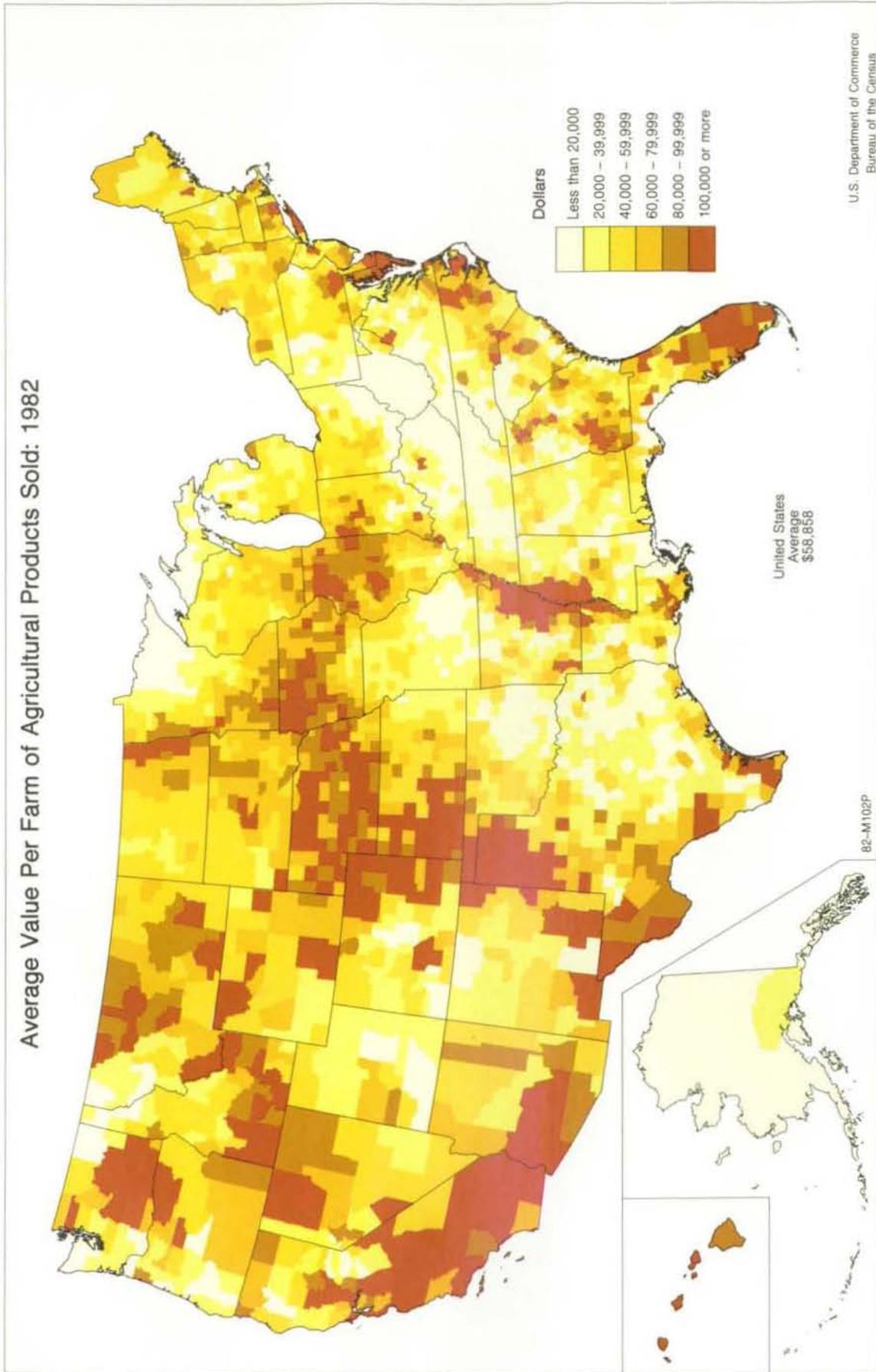
Market Value of Agricultural Products Sold: 1982



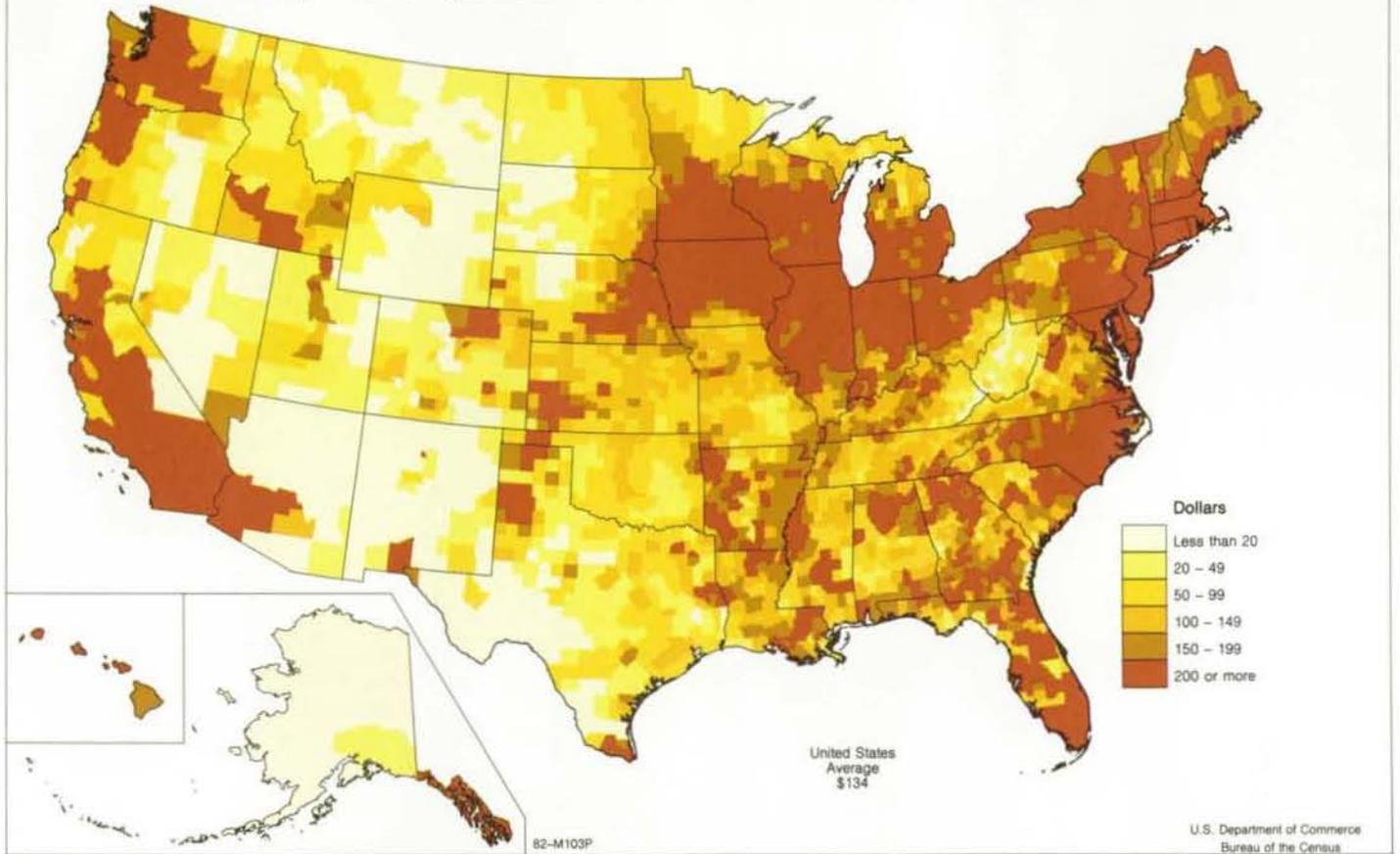
Market Value of Agricultural Products Sold by County: 1982



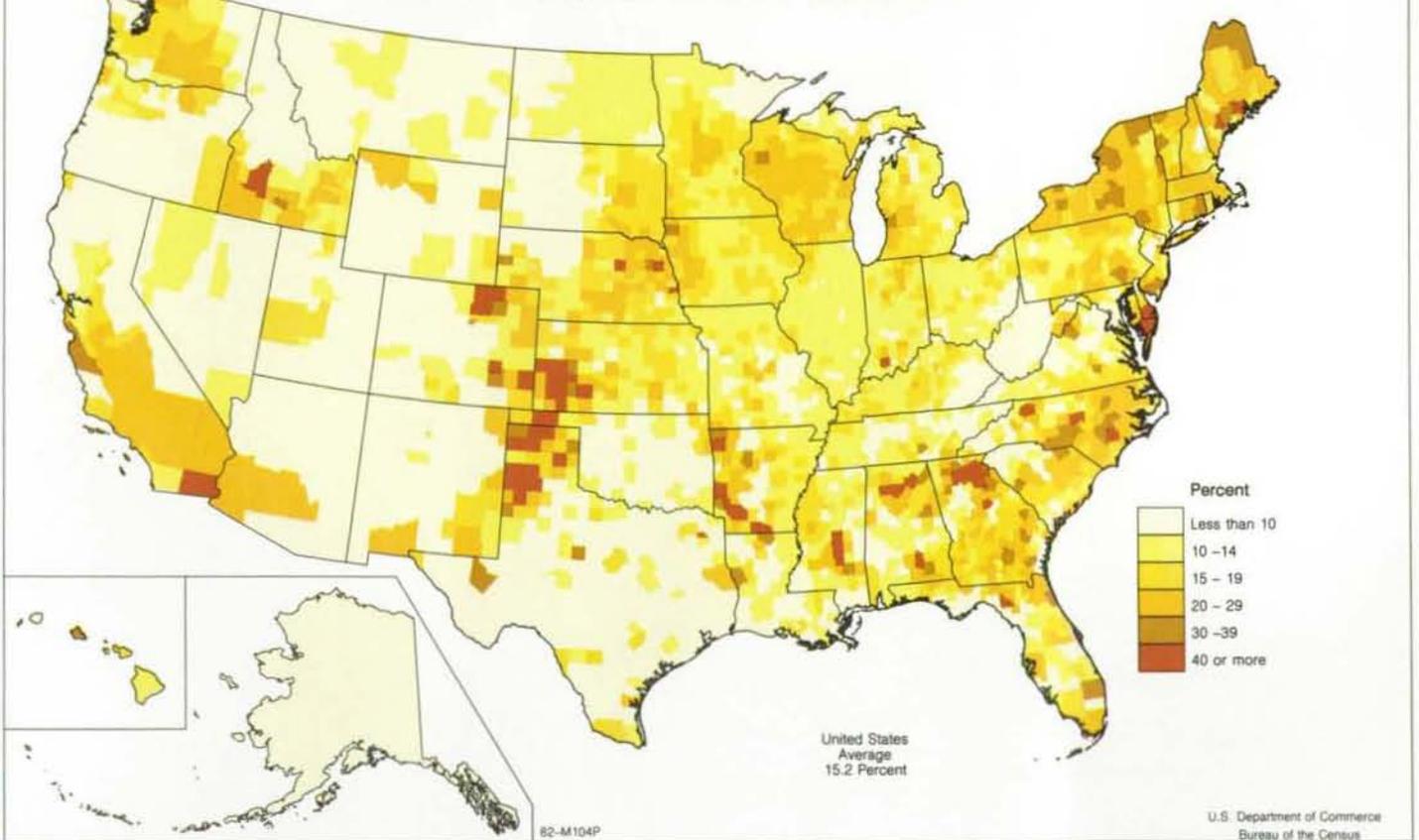
Average Value Per Farm of Agricultural Products Sold: 1982



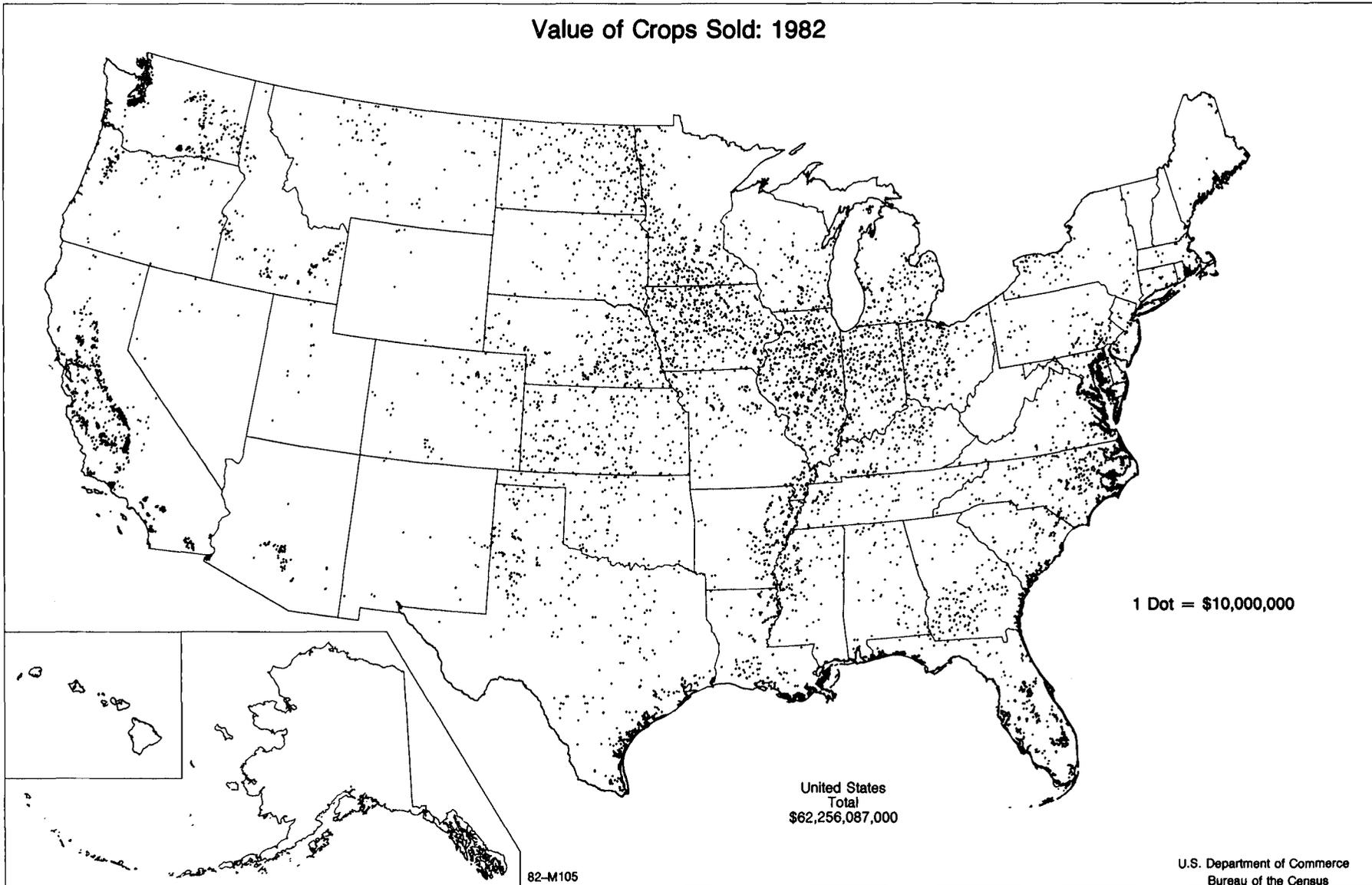
Average Value of Agricultural Products Sold Per Acre of Land in Farms: 1982



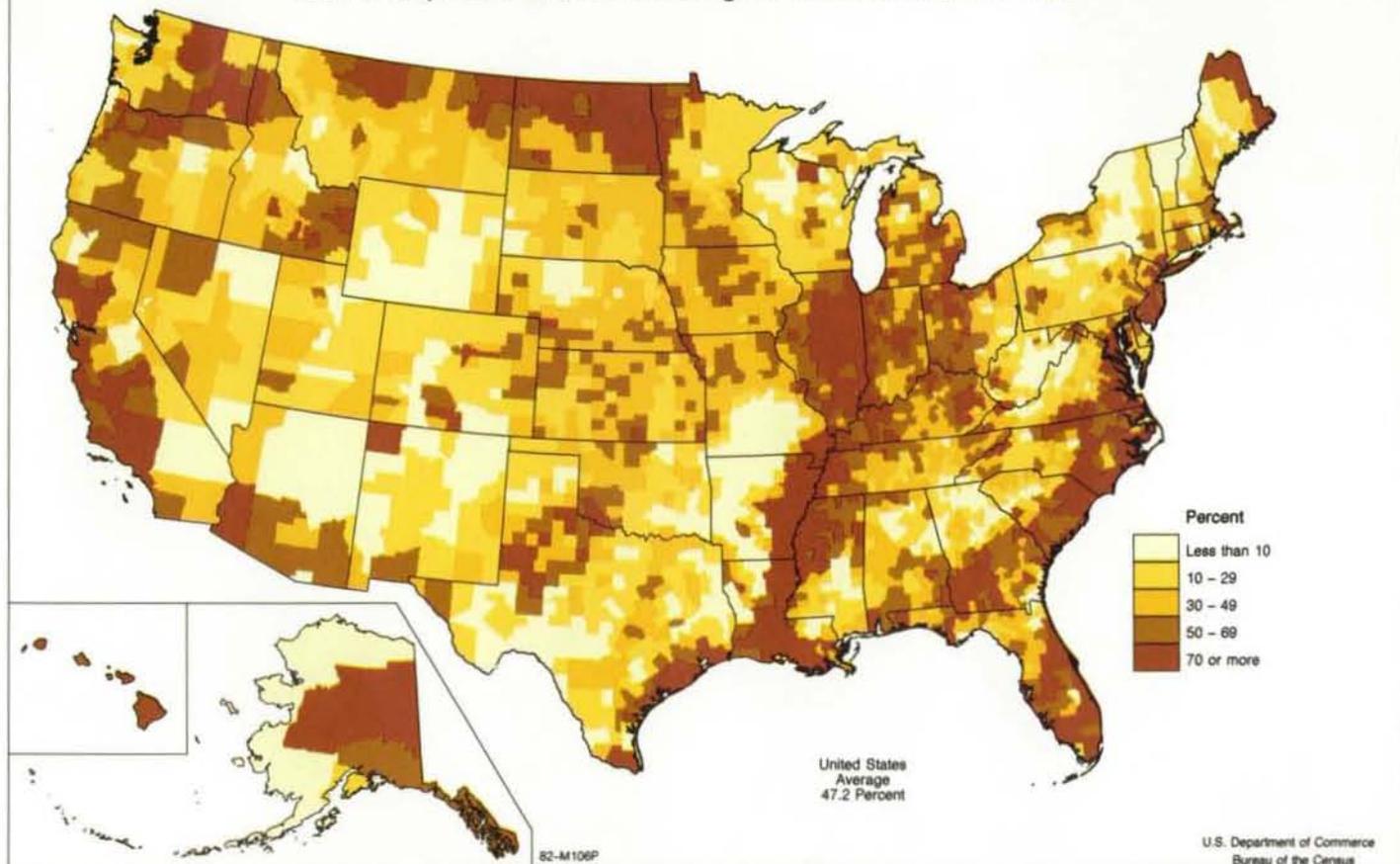
Value of Agricultural Products Sold as a Percent of Value of Land and Buildings and Market Value of Machinery and Equipment: 1982



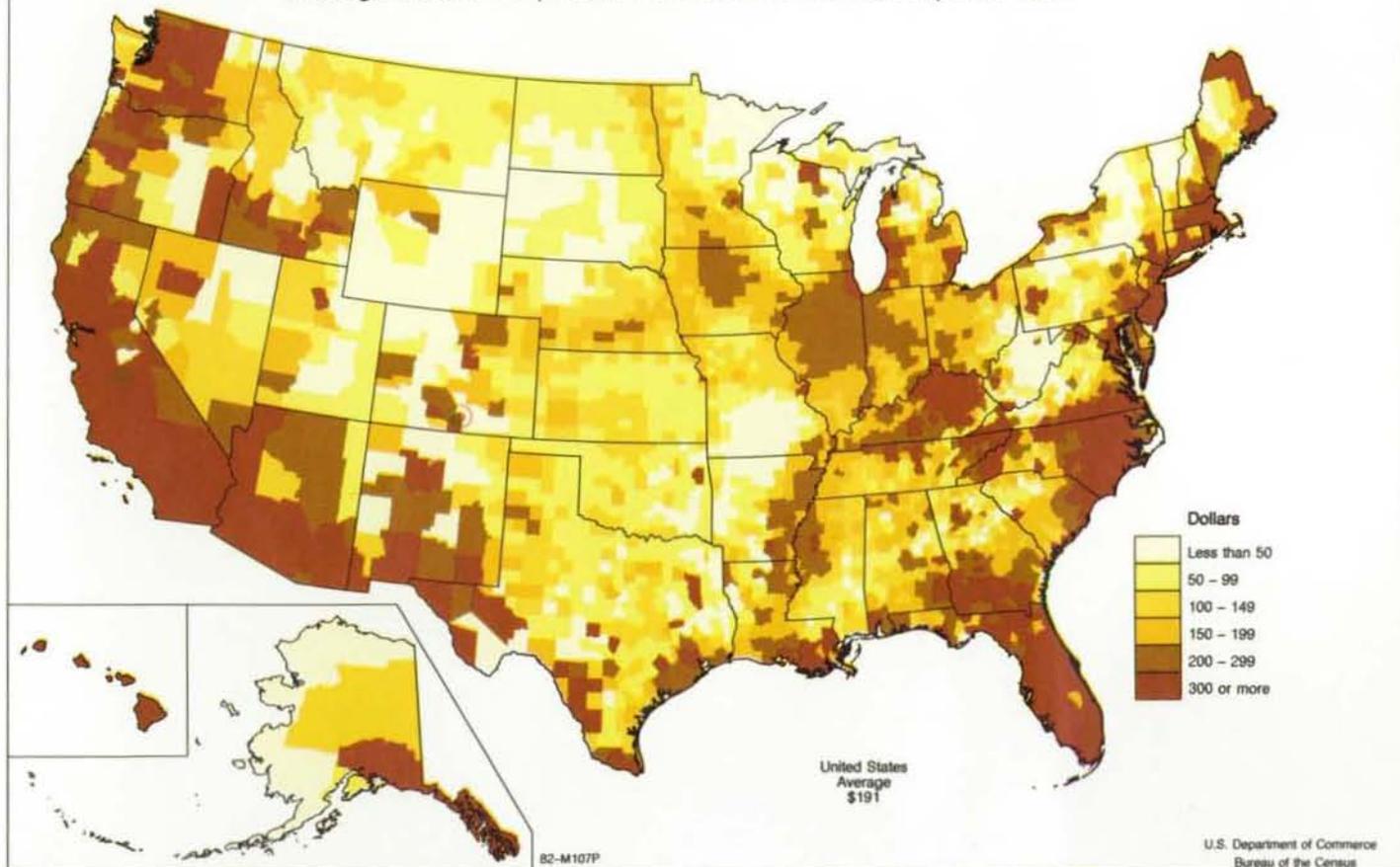
Value of Crops Sold: 1982



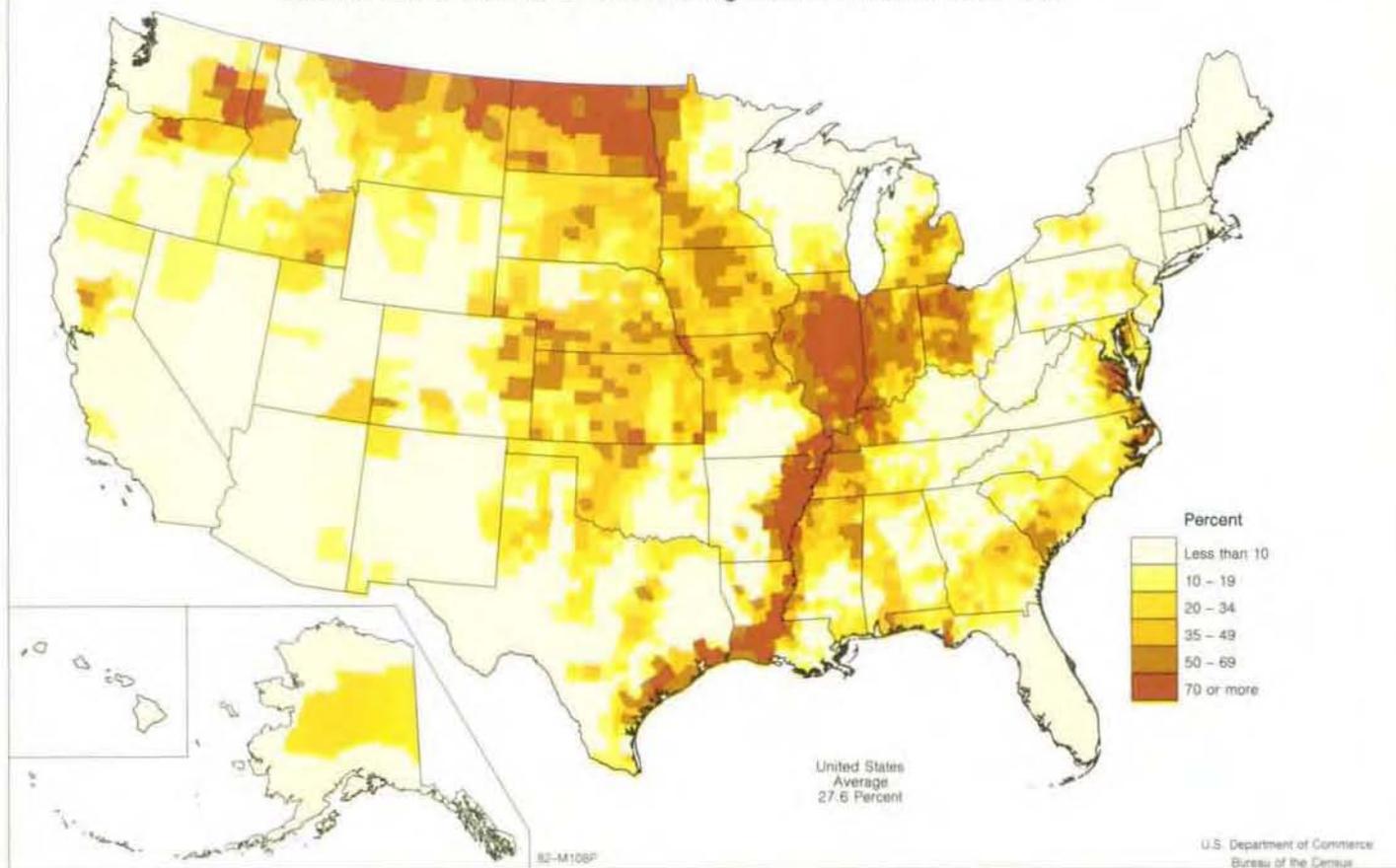
Value of Crops Sold as a Percent of Agricultural Products Sold: 1982



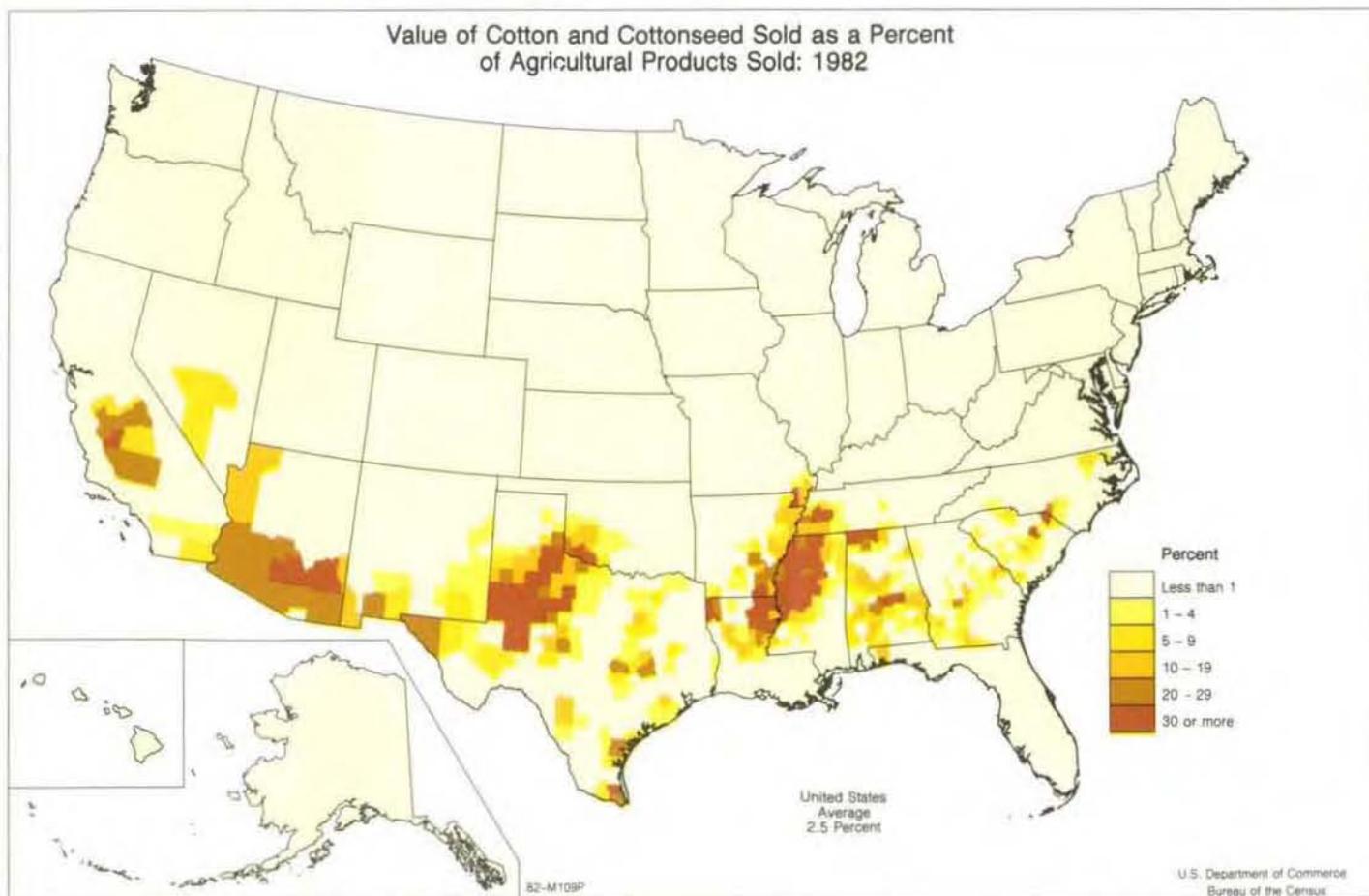
Average Value of Crops Sold Per Acre of Harvested Cropland: 1982



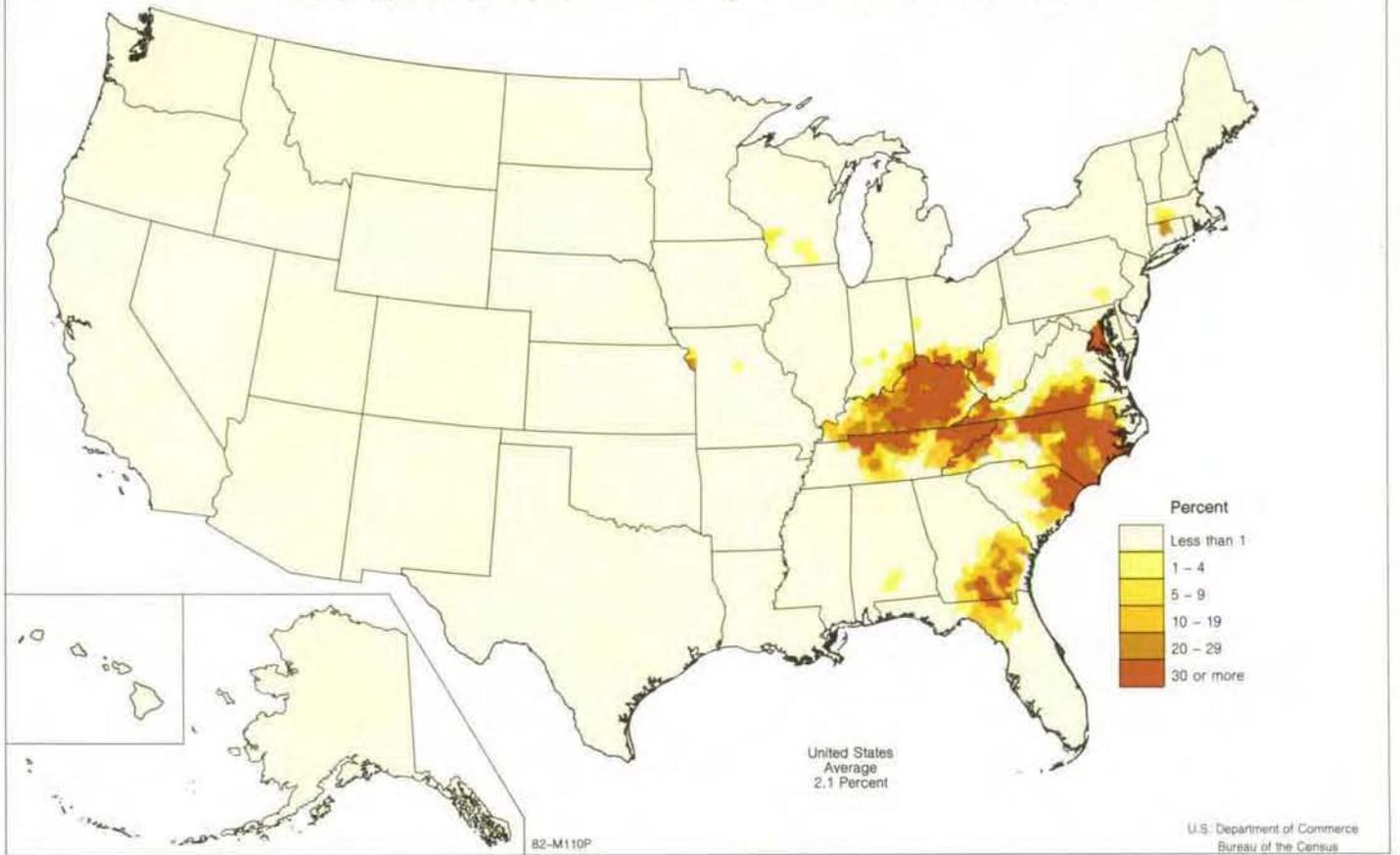
Value of Grains Sold as a Percent of Agricultural Products Sold: 1982



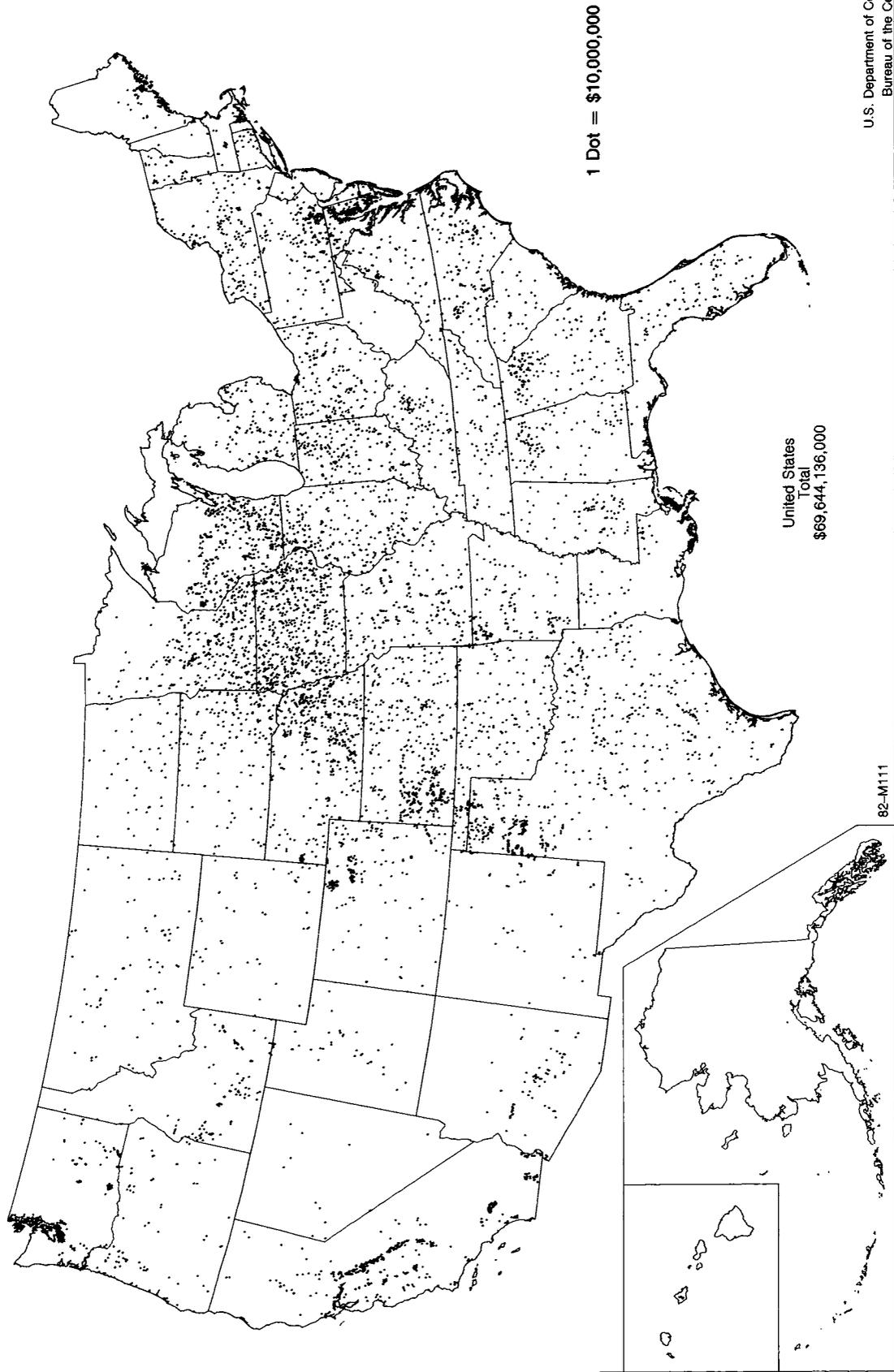
Value of Cotton and Cottonseed Sold as a Percent of Agricultural Products Sold: 1982



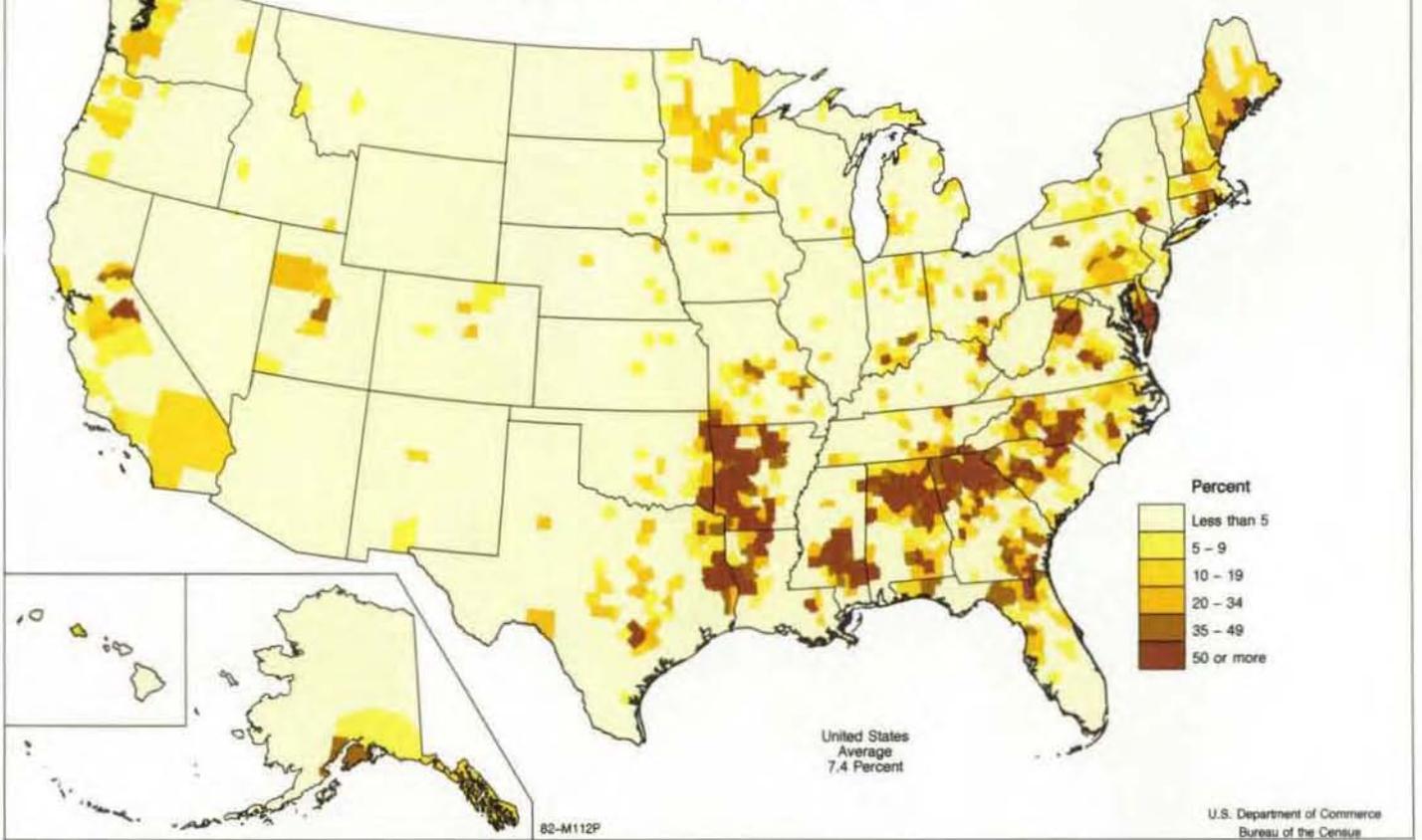
Value of Tobacco Sold as a Percent of Agricultural Products Sold: 1982



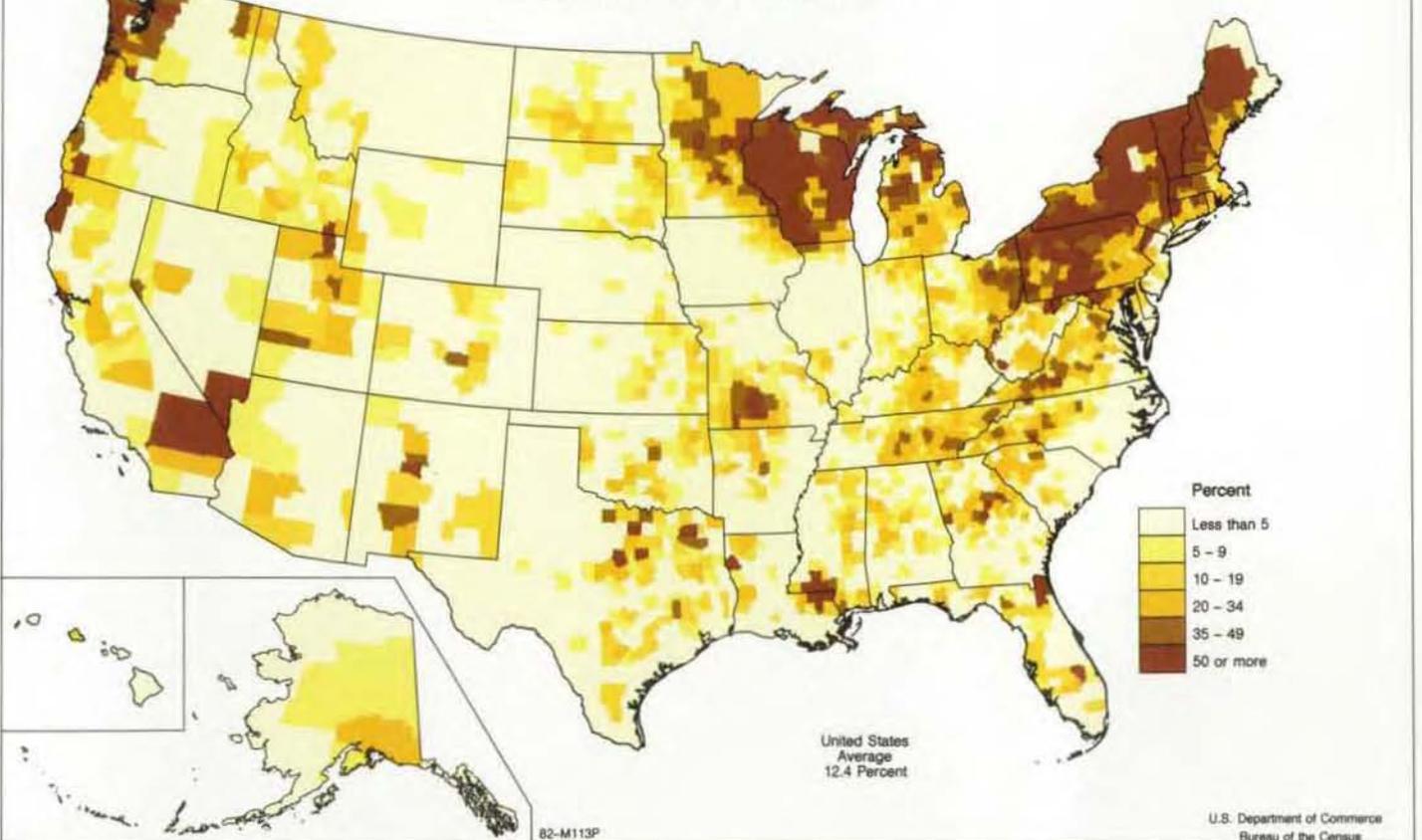
Value of Livestock, Poultry, and Their Products Sold: 1982



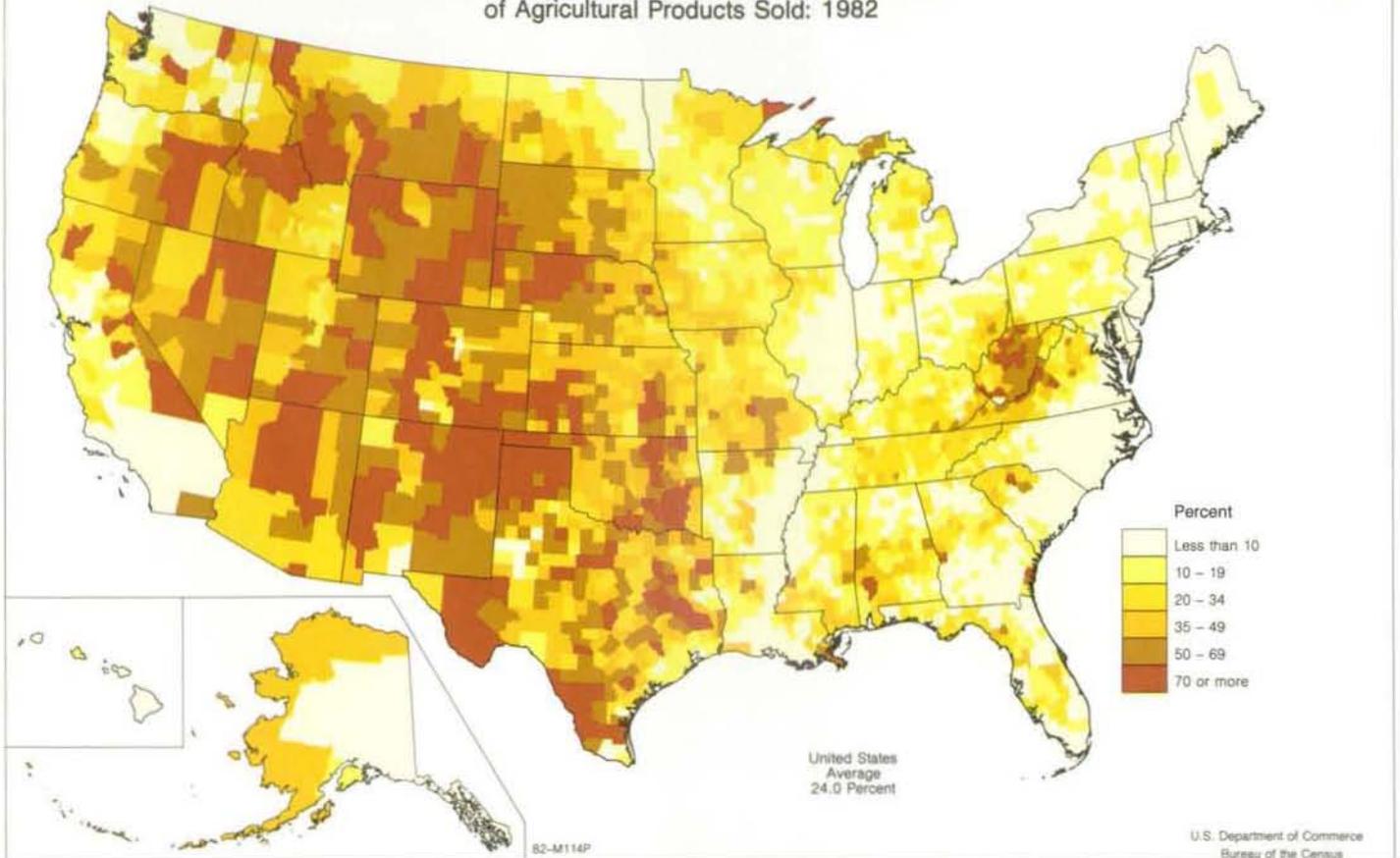
Value of Poultry and Poultry Products Sold as a Percent of Agricultural Products Sold: 1982



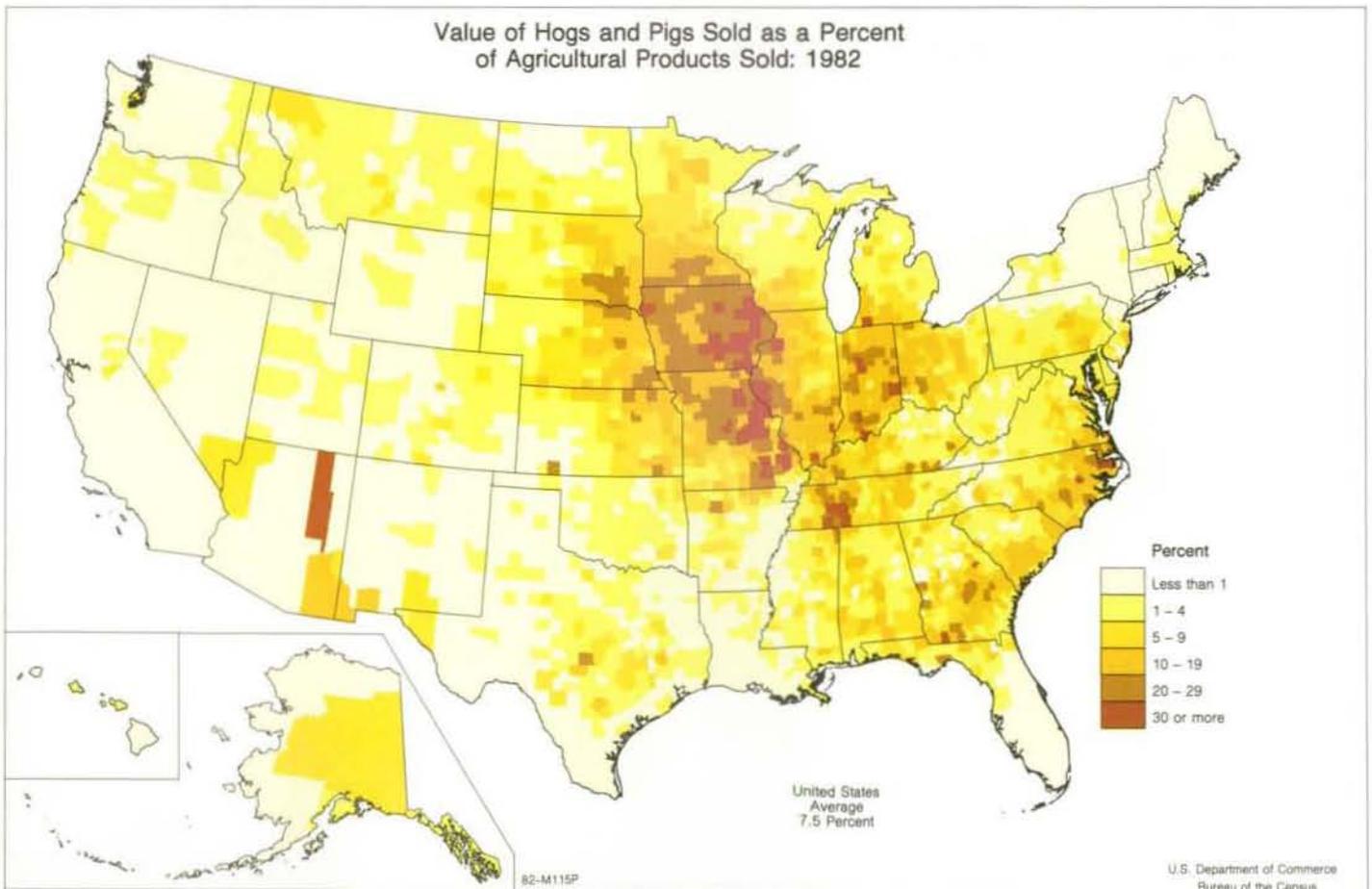
Value of Dairy Products Sold as a Percent of Agricultural Products Sold: 1982



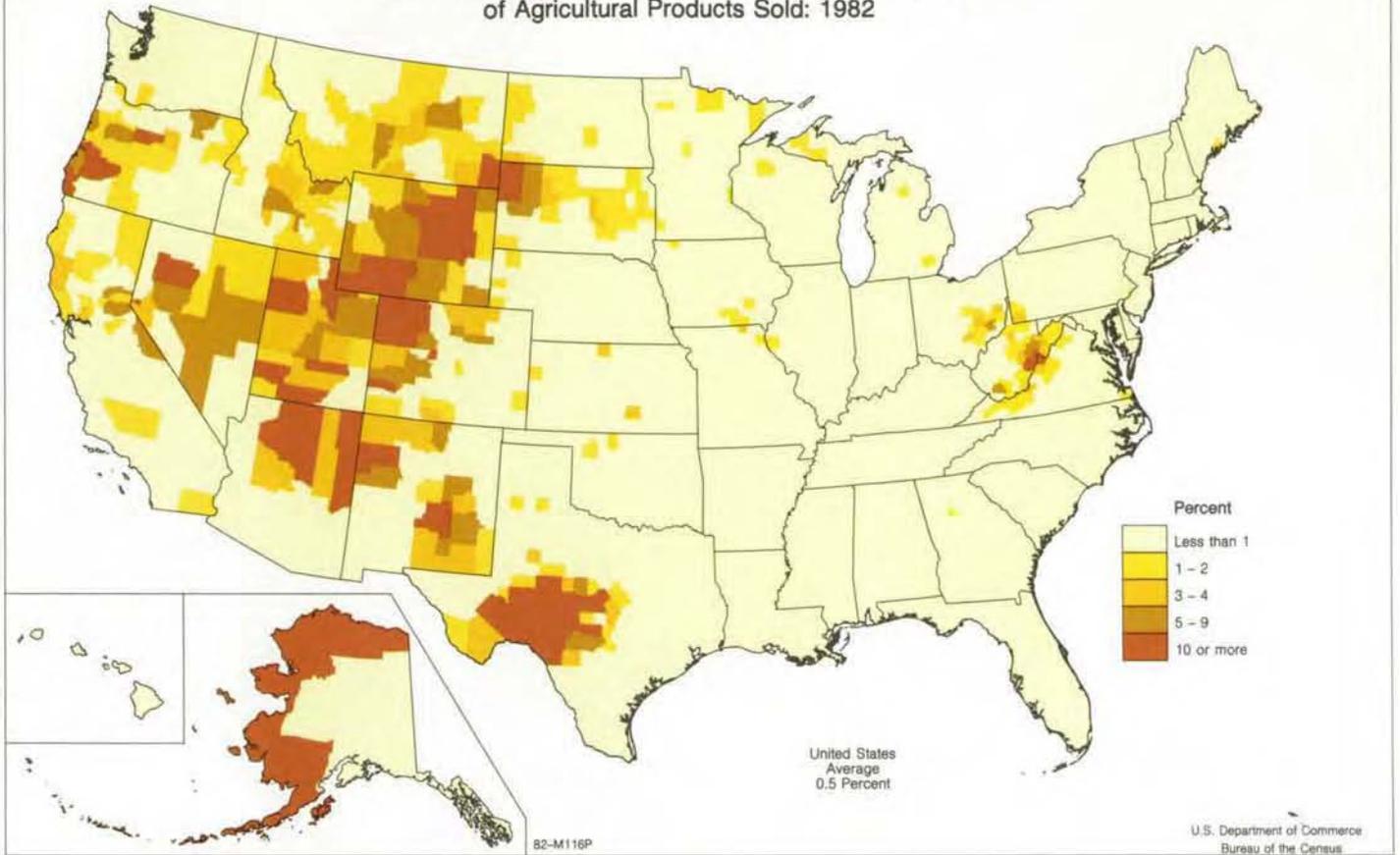
Value of Cattle and Calves Sold as a Percent of Agricultural Products Sold: 1982



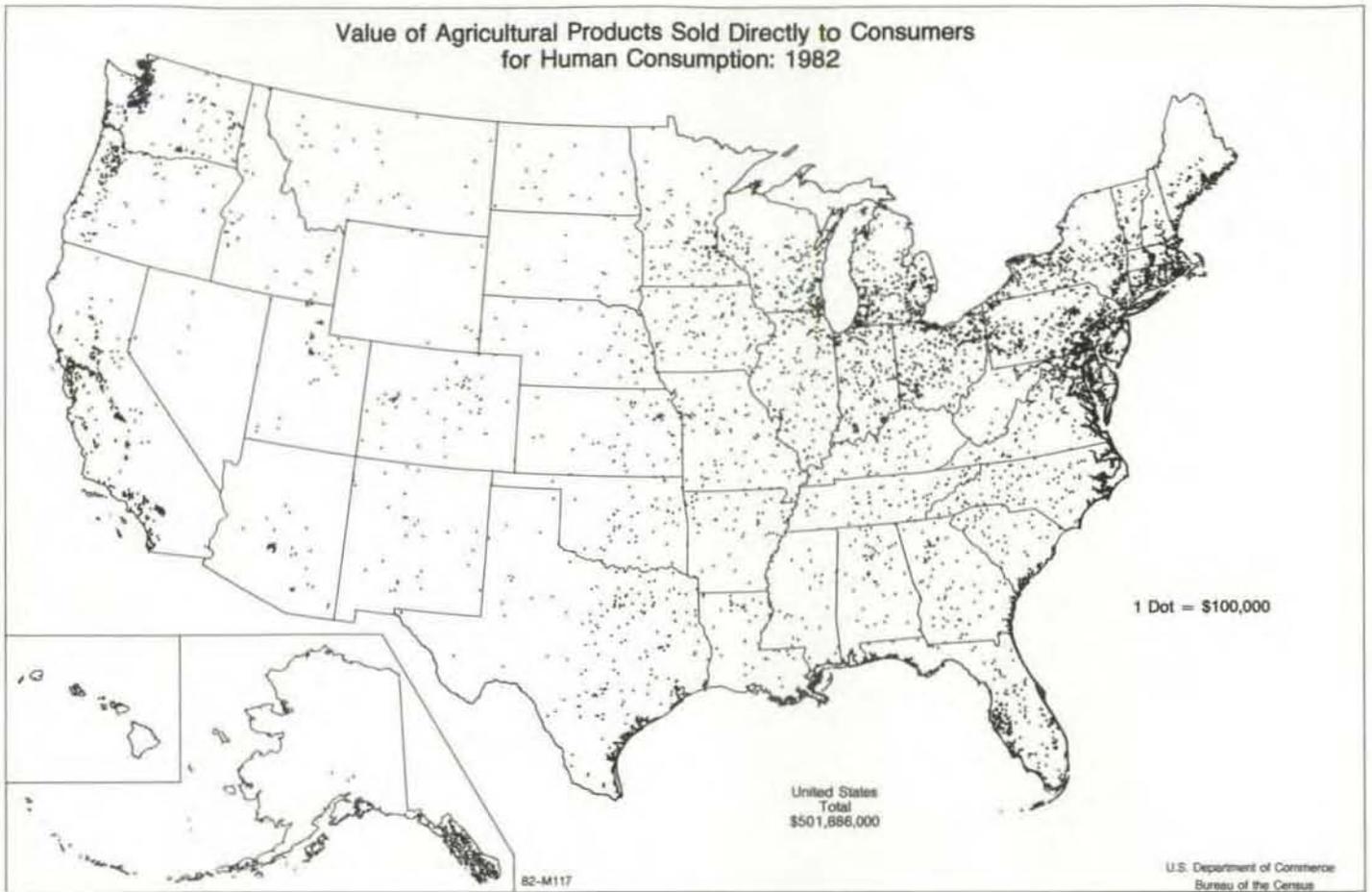
Value of Hogs and Pigs Sold as a Percent of Agricultural Products Sold: 1982



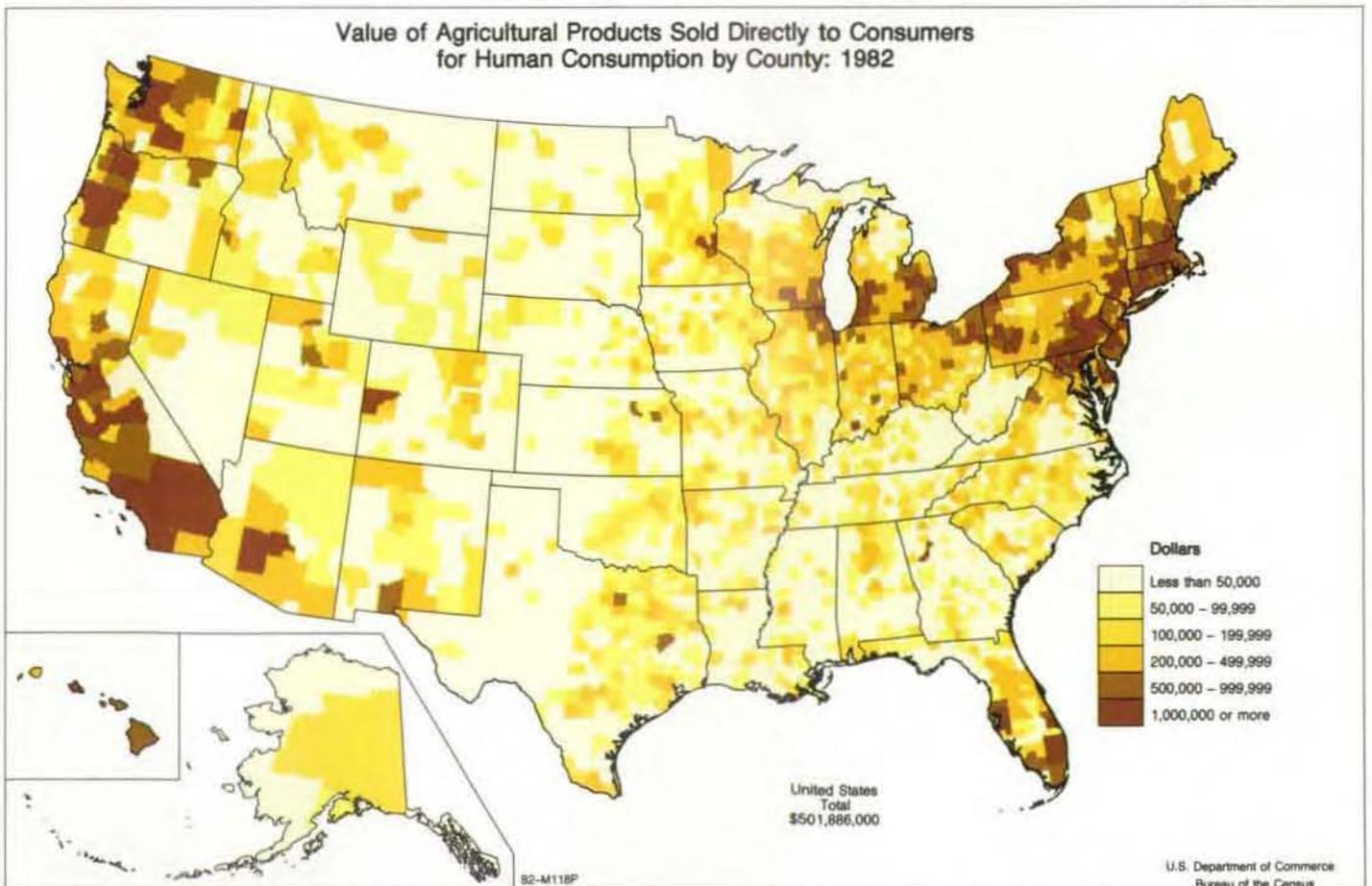
Value of Sheep, Lambs, and Wool Sold as a Percent
of Agricultural Products Sold: 1982



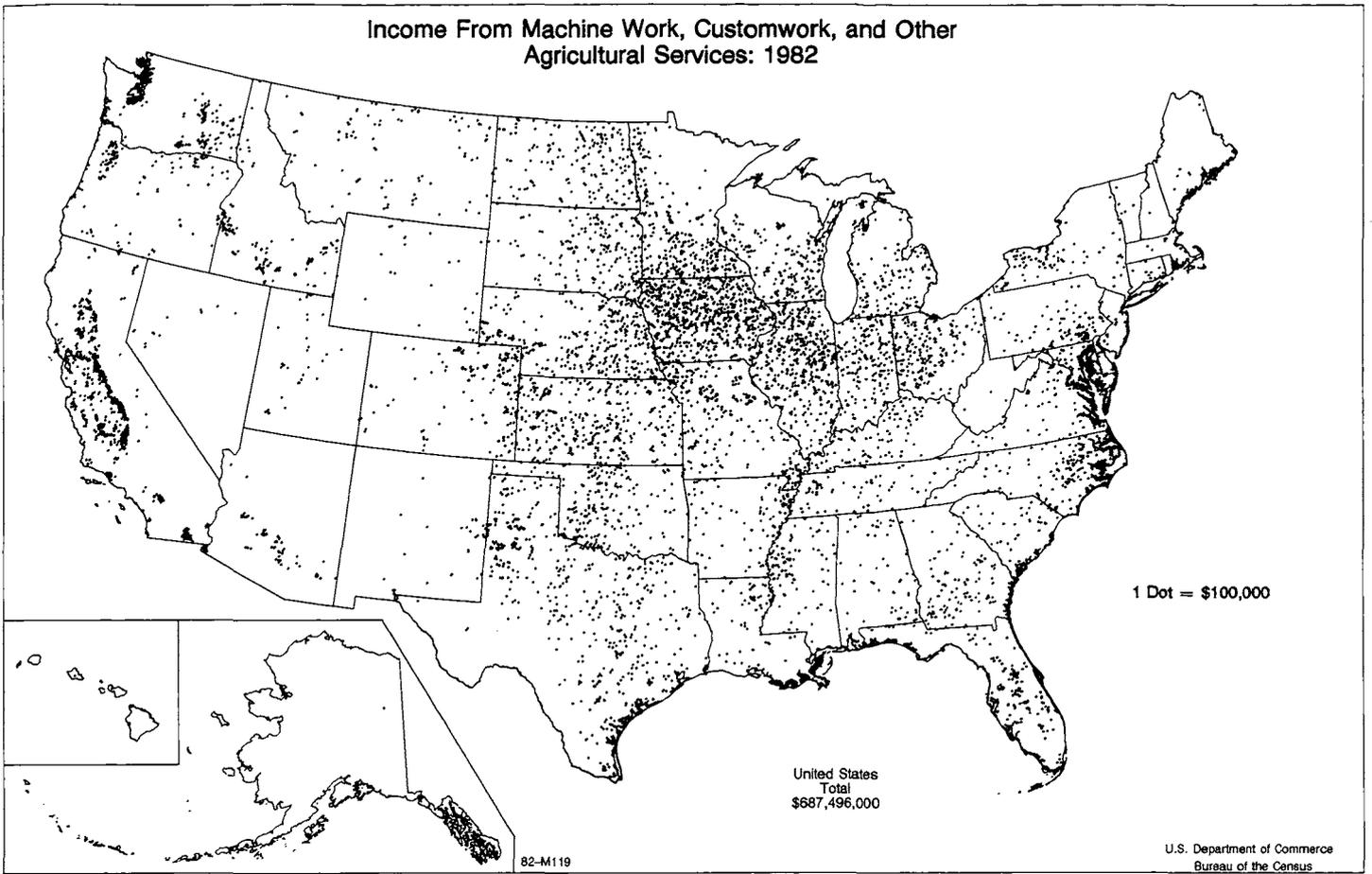
Value of Agricultural Products Sold Directly to Consumers
for Human Consumption: 1982



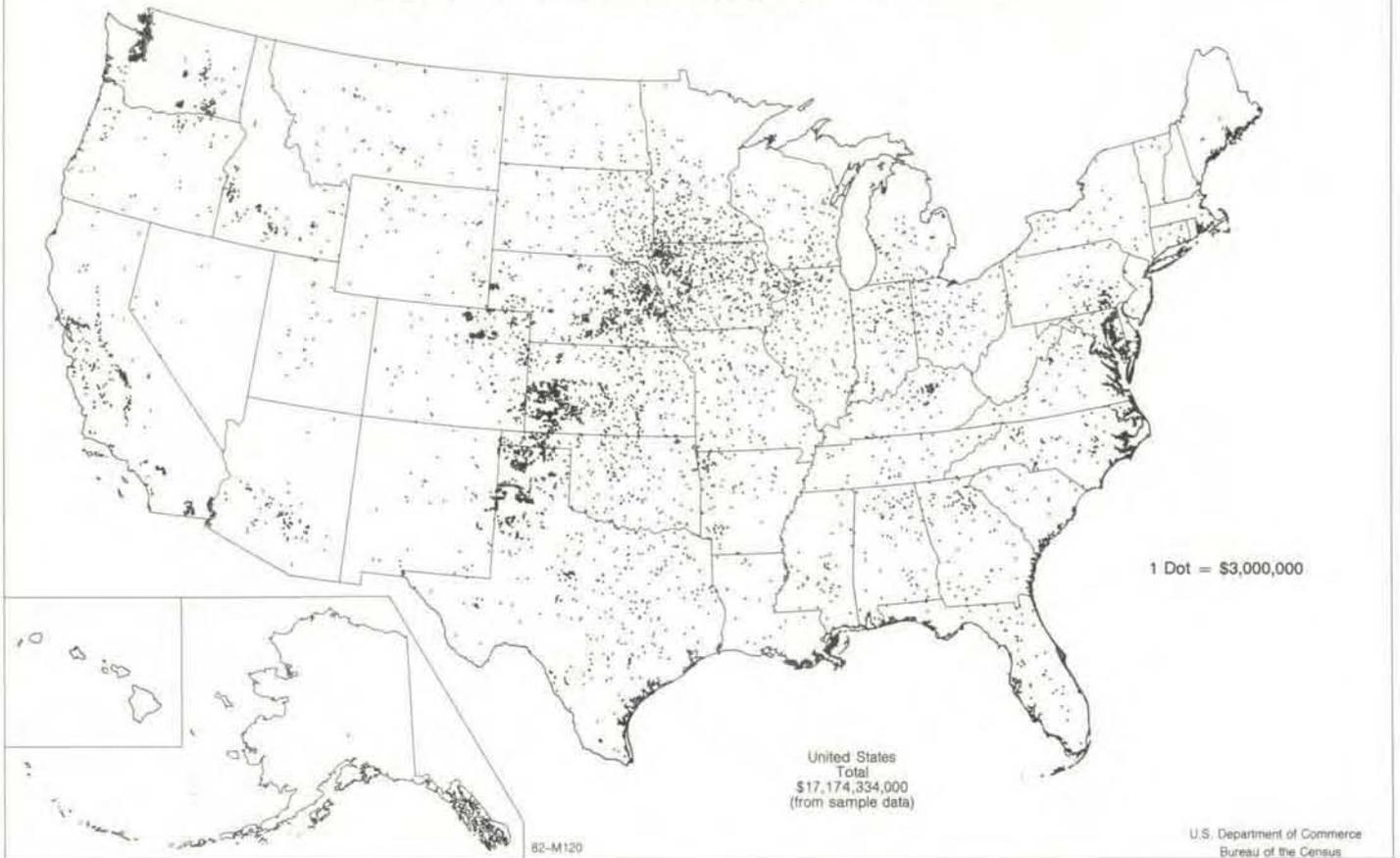
Value of Agricultural Products Sold Directly to Consumers
for Human Consumption by County: 1982



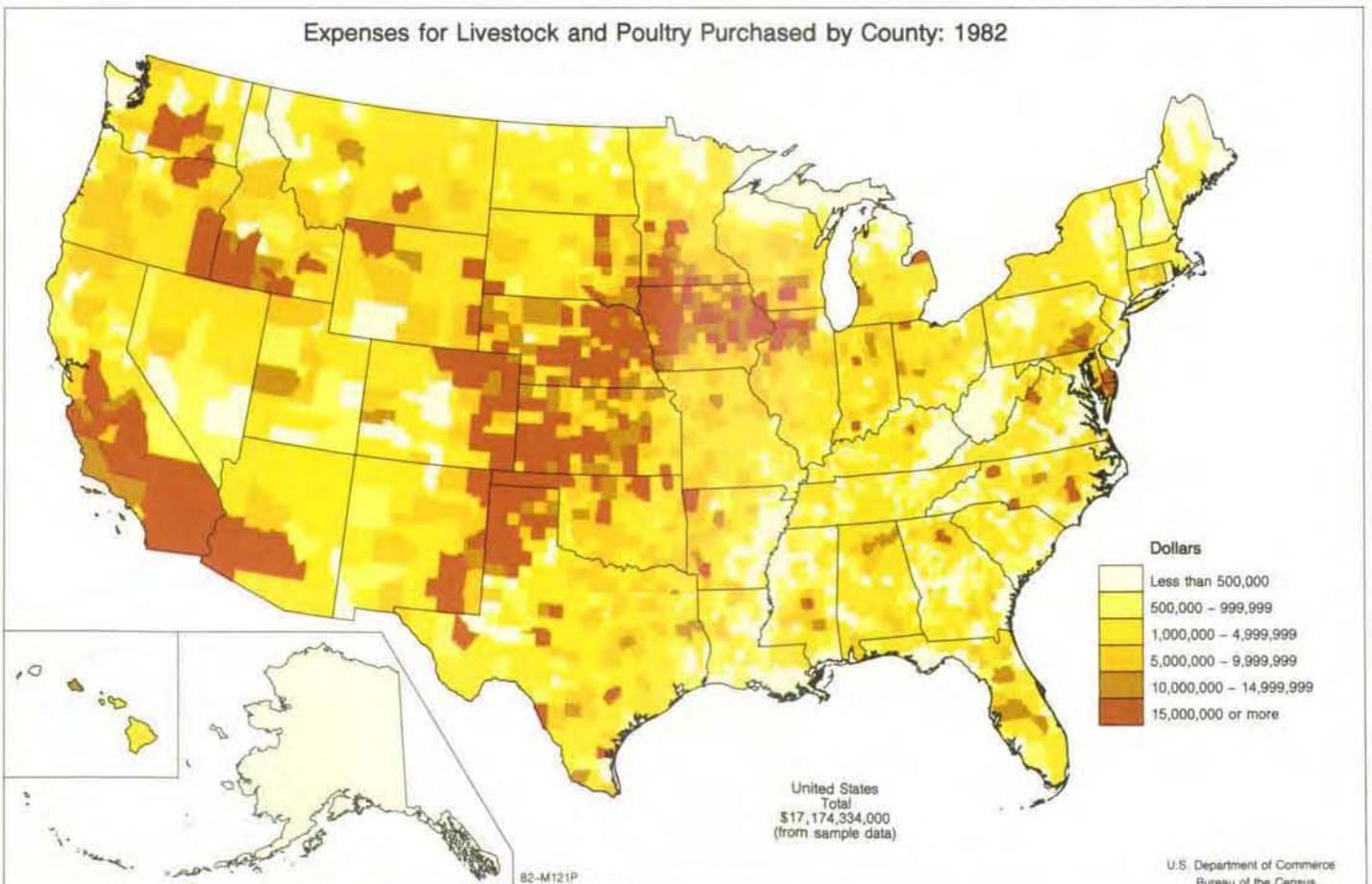
Income From Machine Work, Customwork, and Other
Agricultural Services: 1982



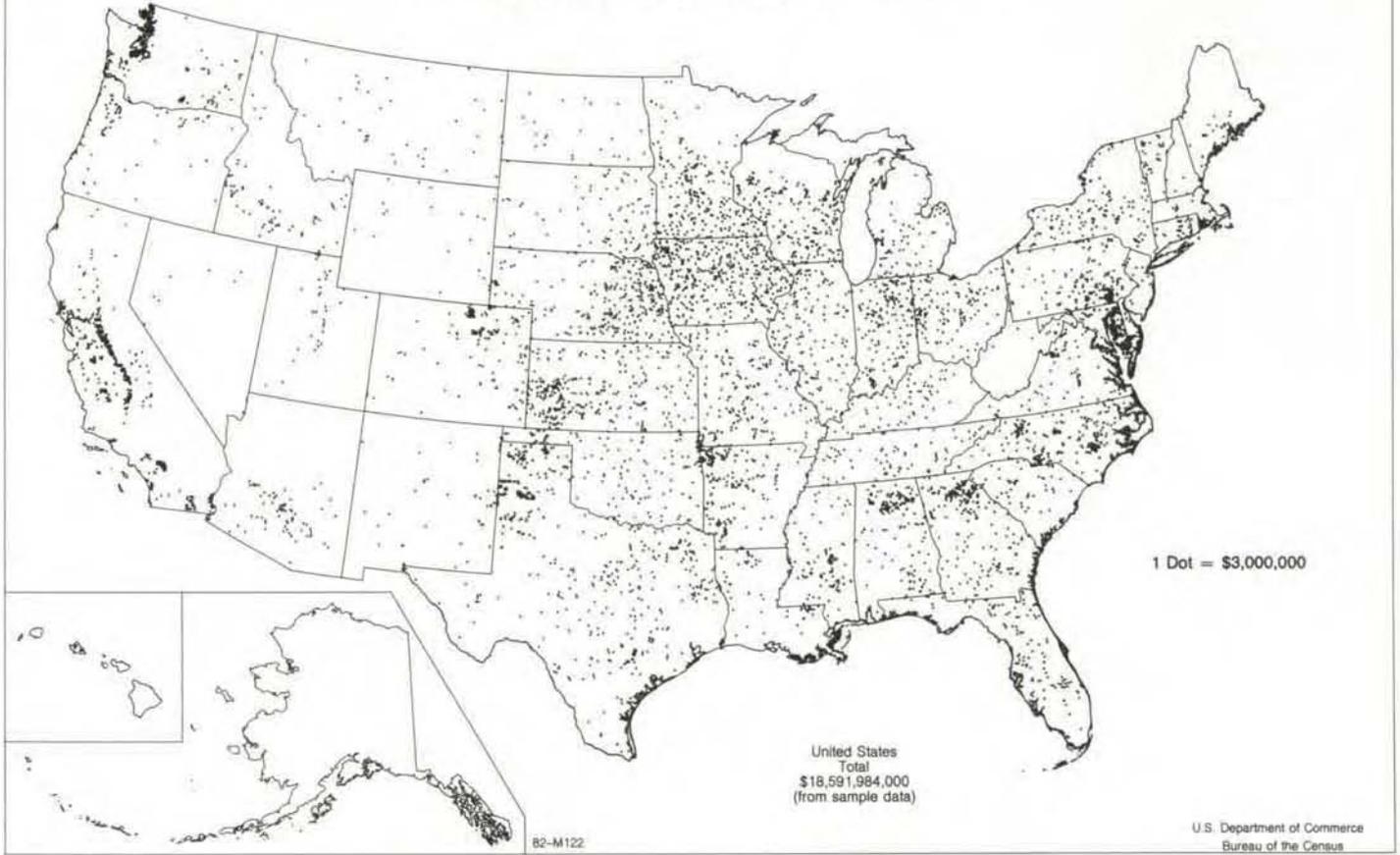
Expenses for Livestock and Poultry Purchased: 1982



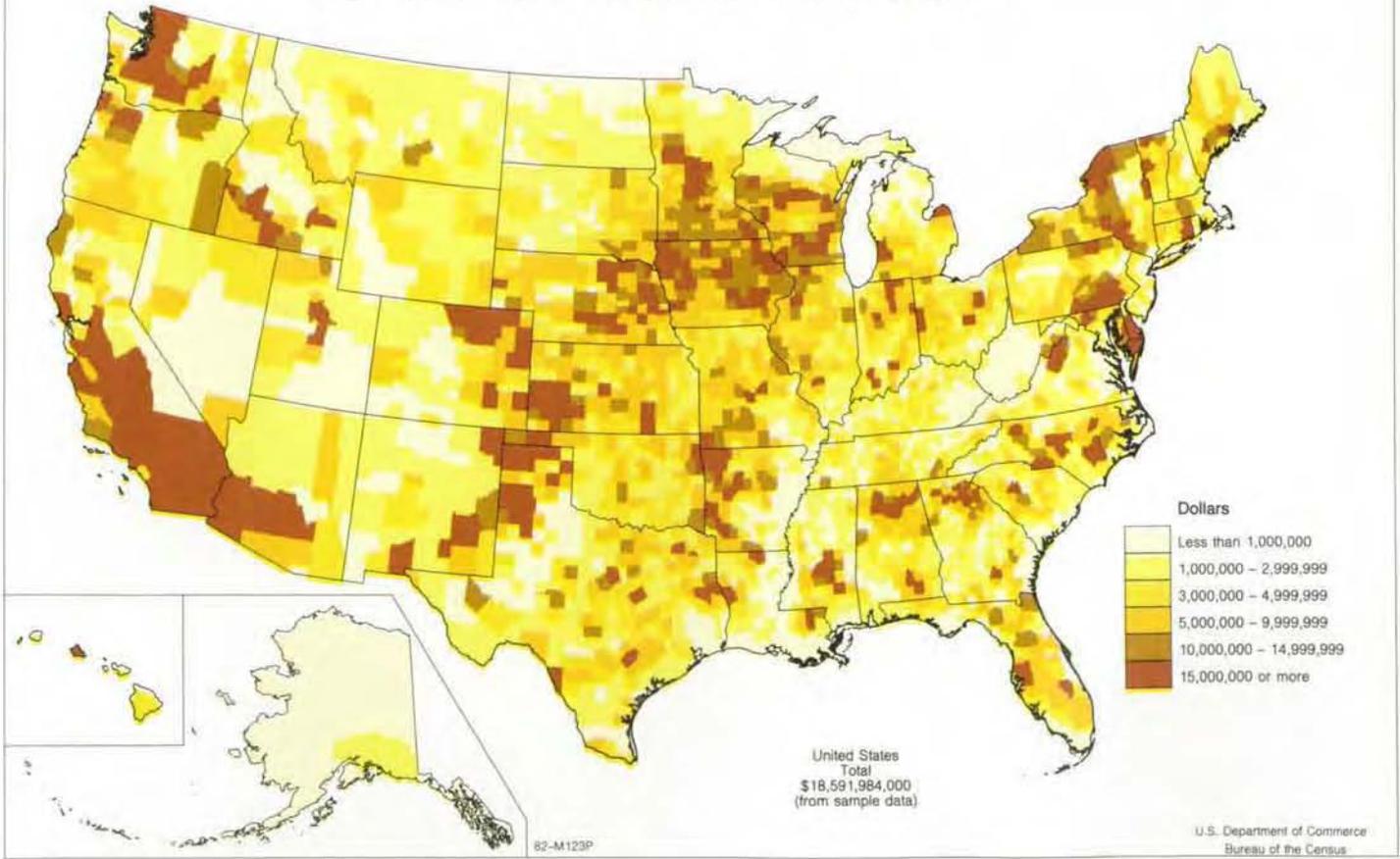
Expenses for Livestock and Poultry Purchased by County: 1982



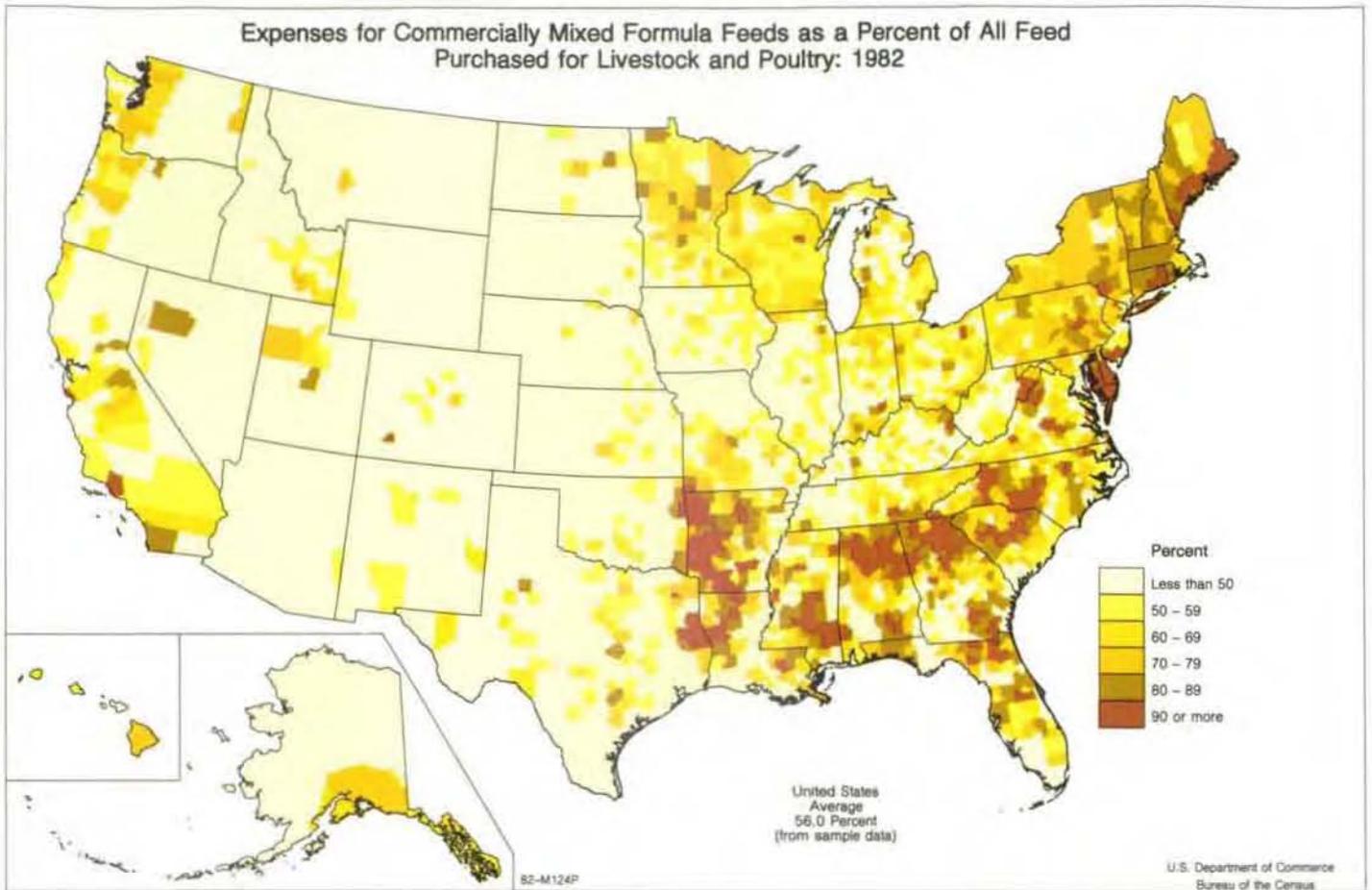
Expenses for Feed for Livestock and Poultry: 1982



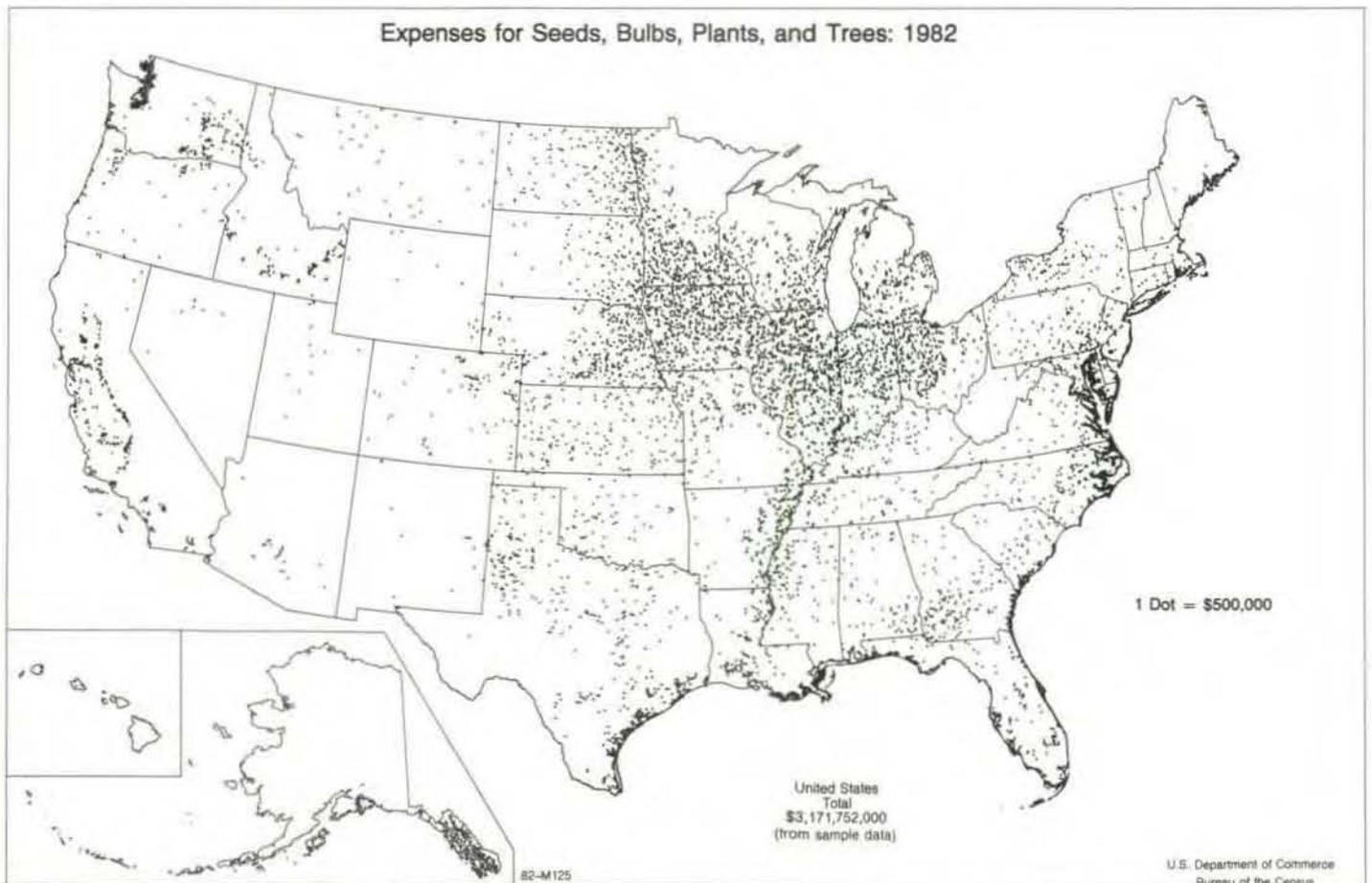
Expenses for Feed for Livestock and Poultry by County: 1982



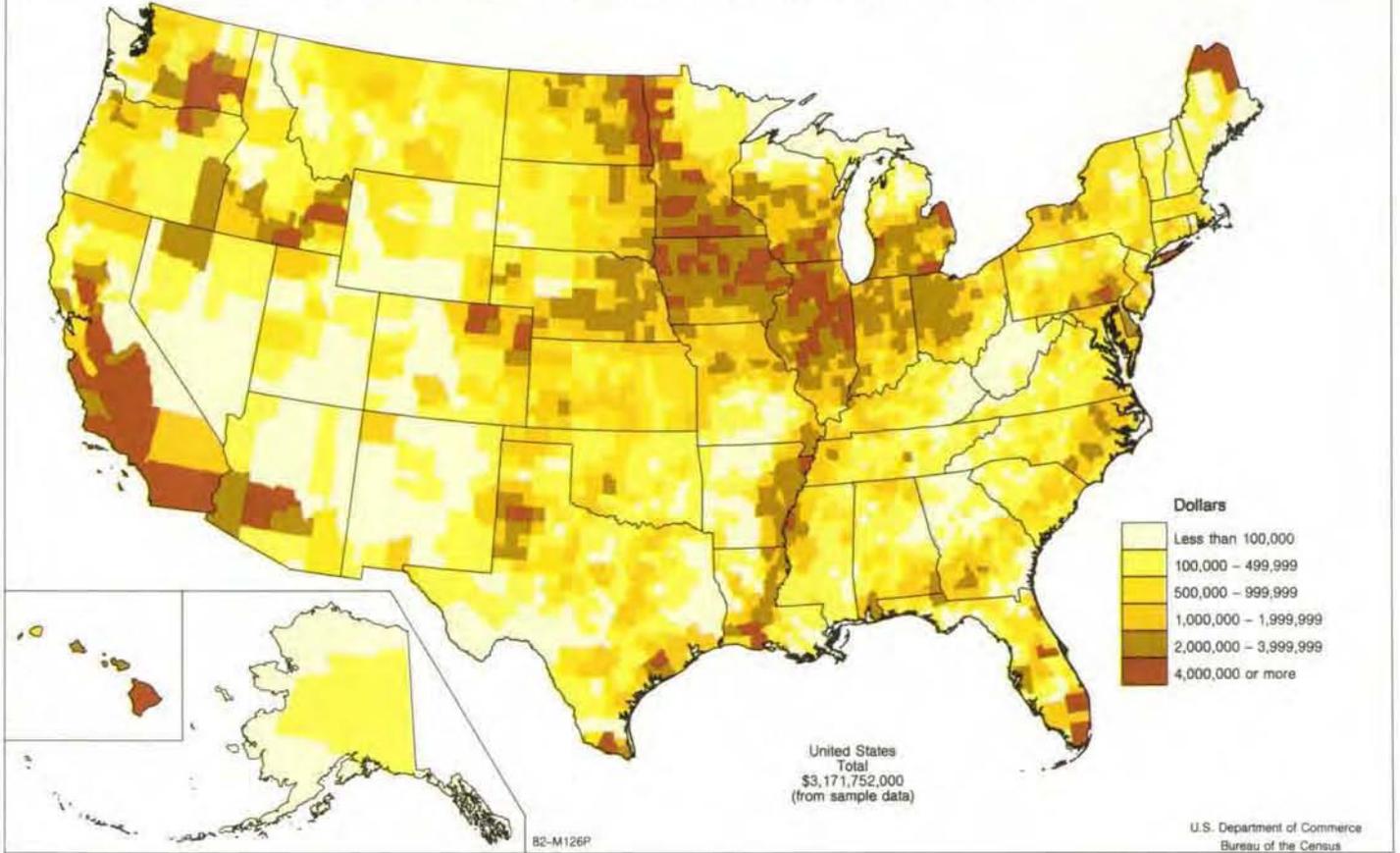
Expenses for Commercially Mixed Formula Feeds as a Percent of All Feed Purchased for Livestock and Poultry: 1982



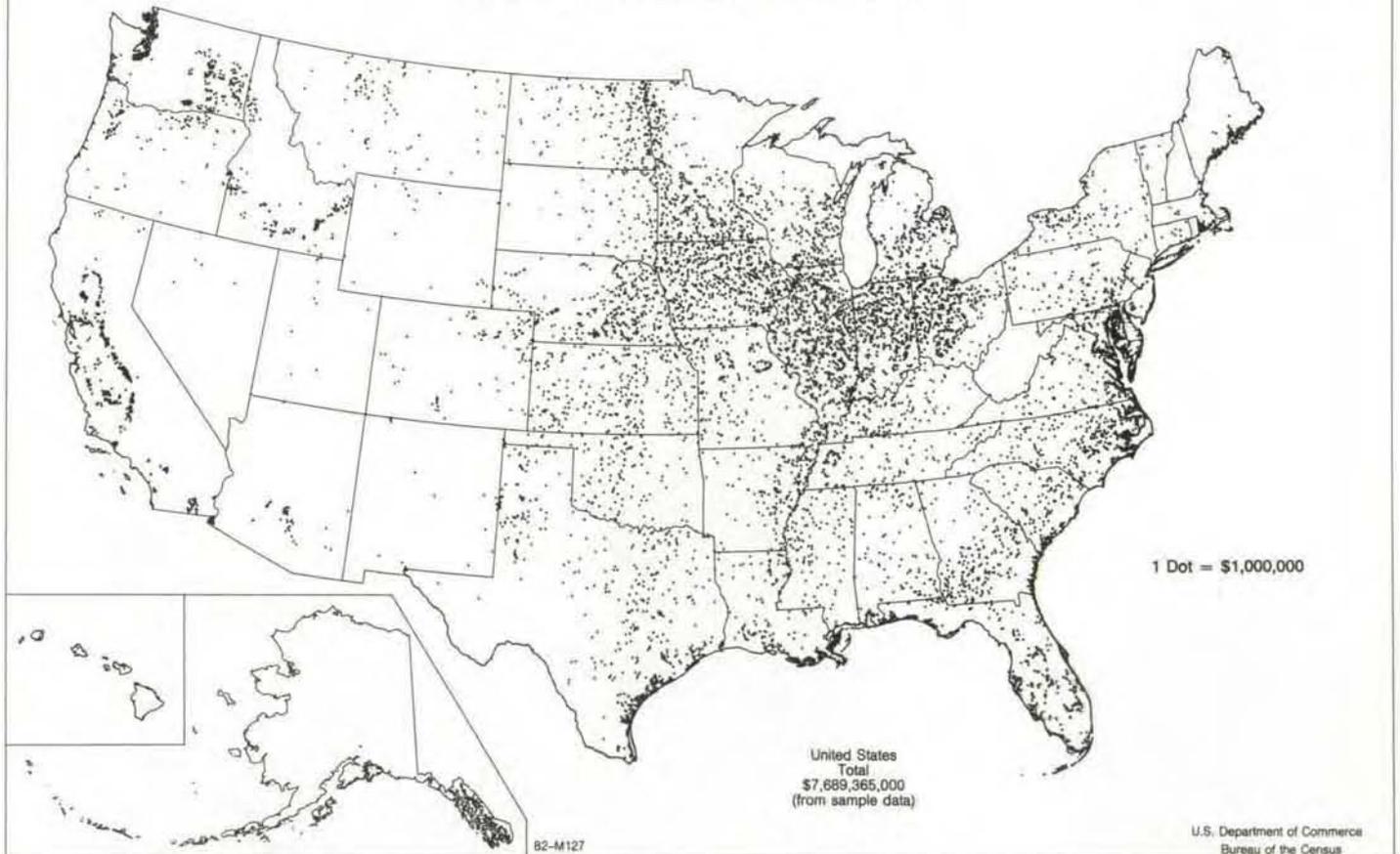
Expenses for Seeds, Bulbs, Plants, and Trees: 1982



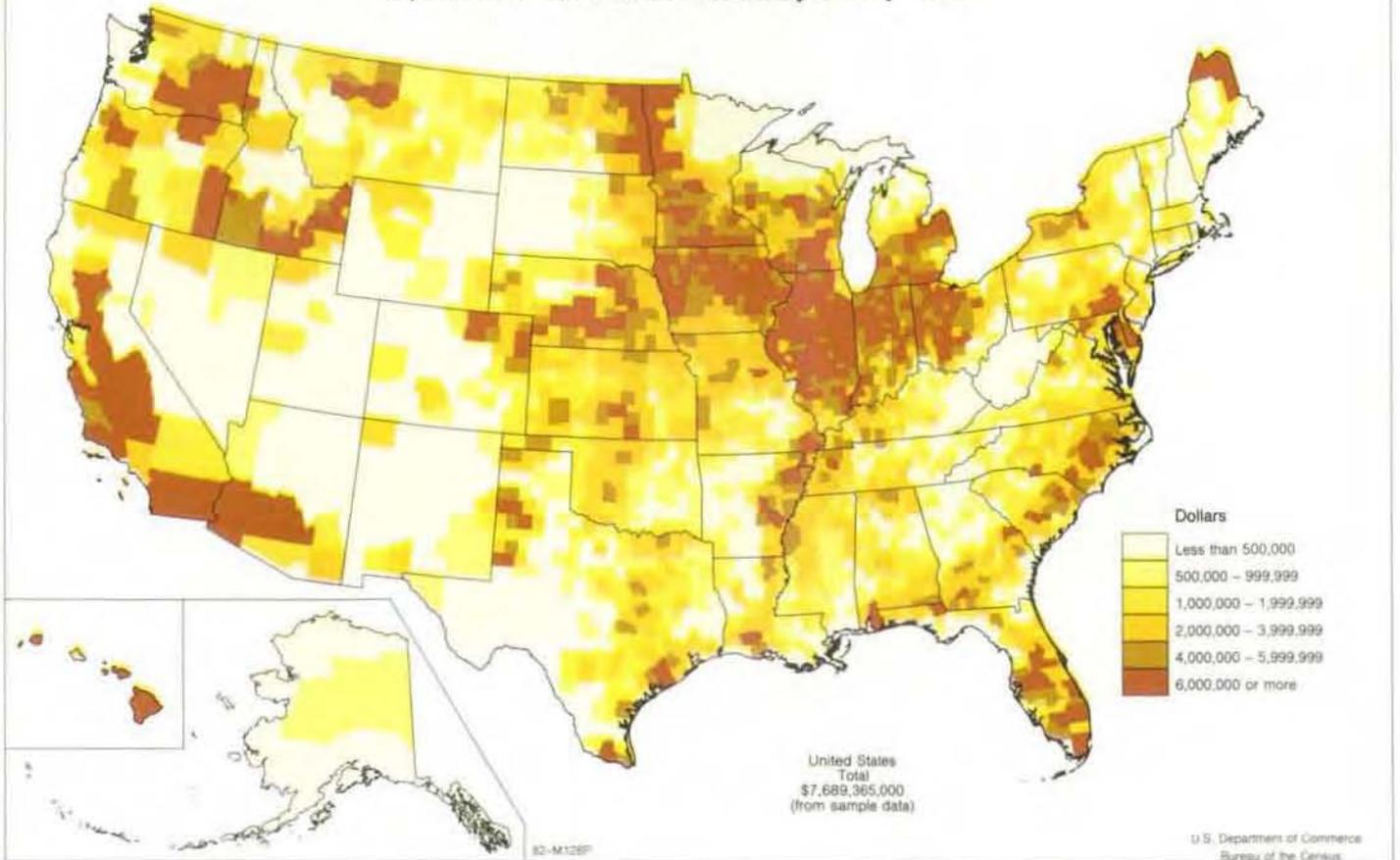
Expenses for Seeds, Bulbs, Plants, and Trees by County: 1982



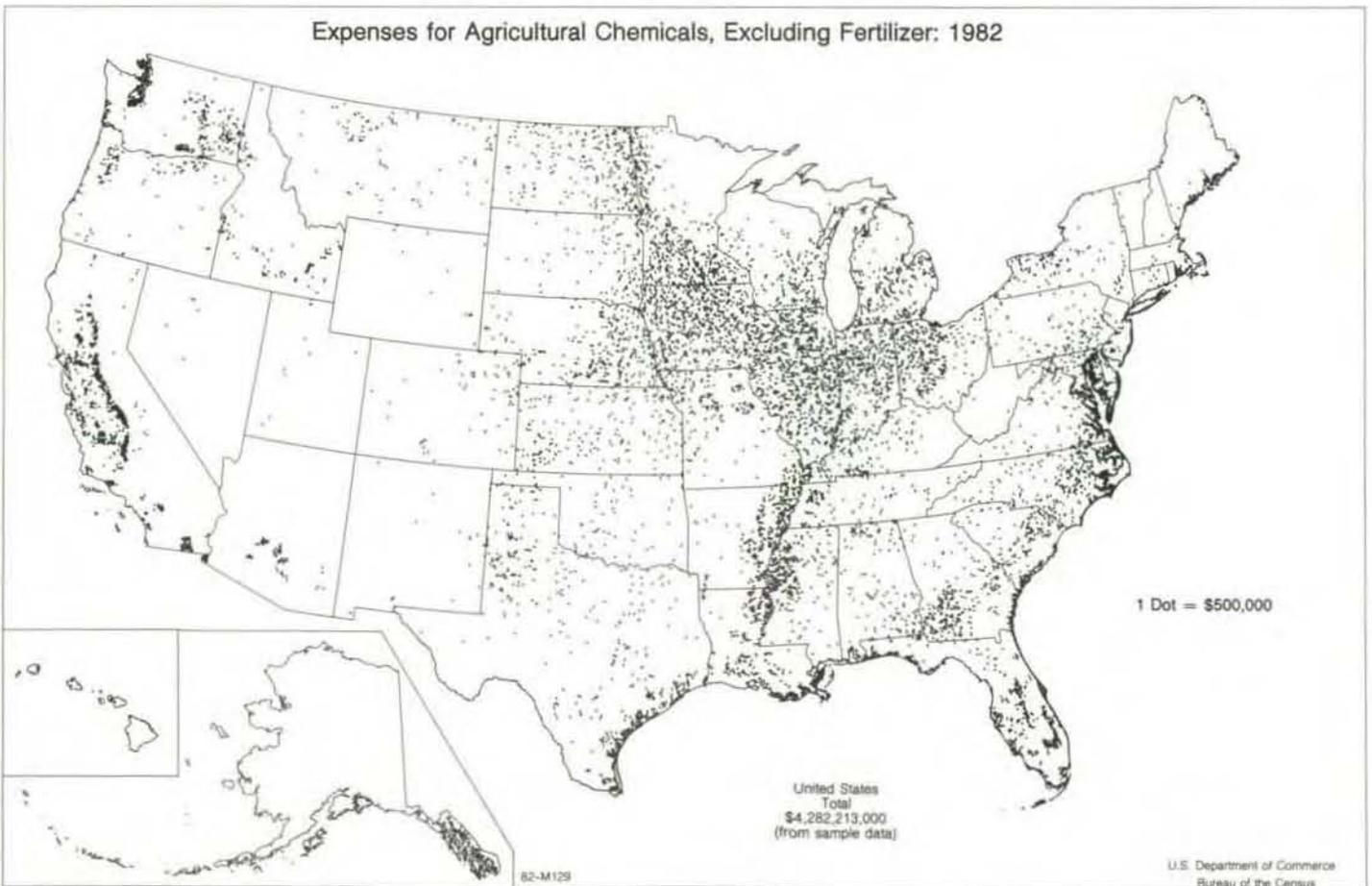
Expenses for Commercial Fertilizer: 1982



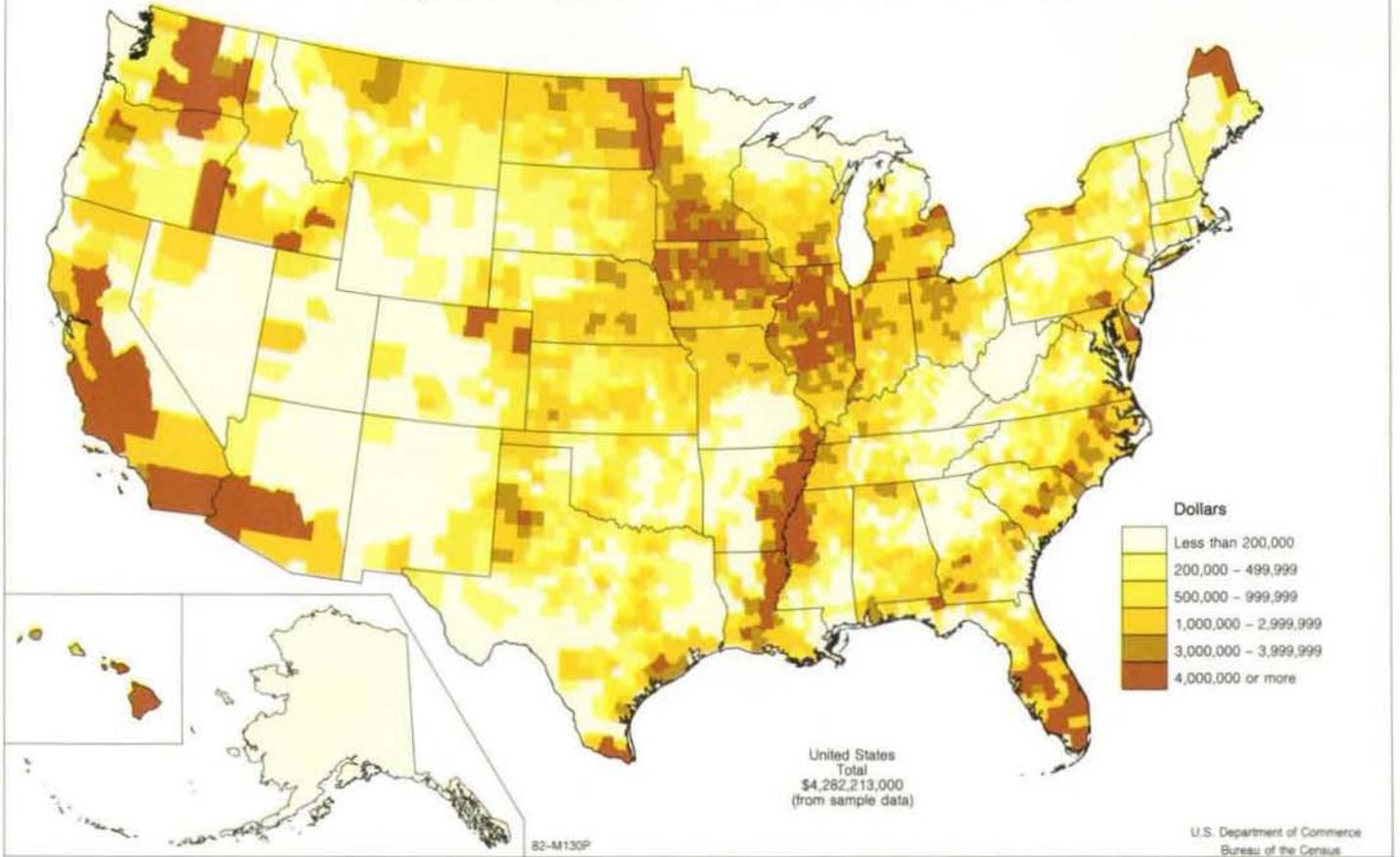
Expenses for Commercial Fertilizer by County: 1982



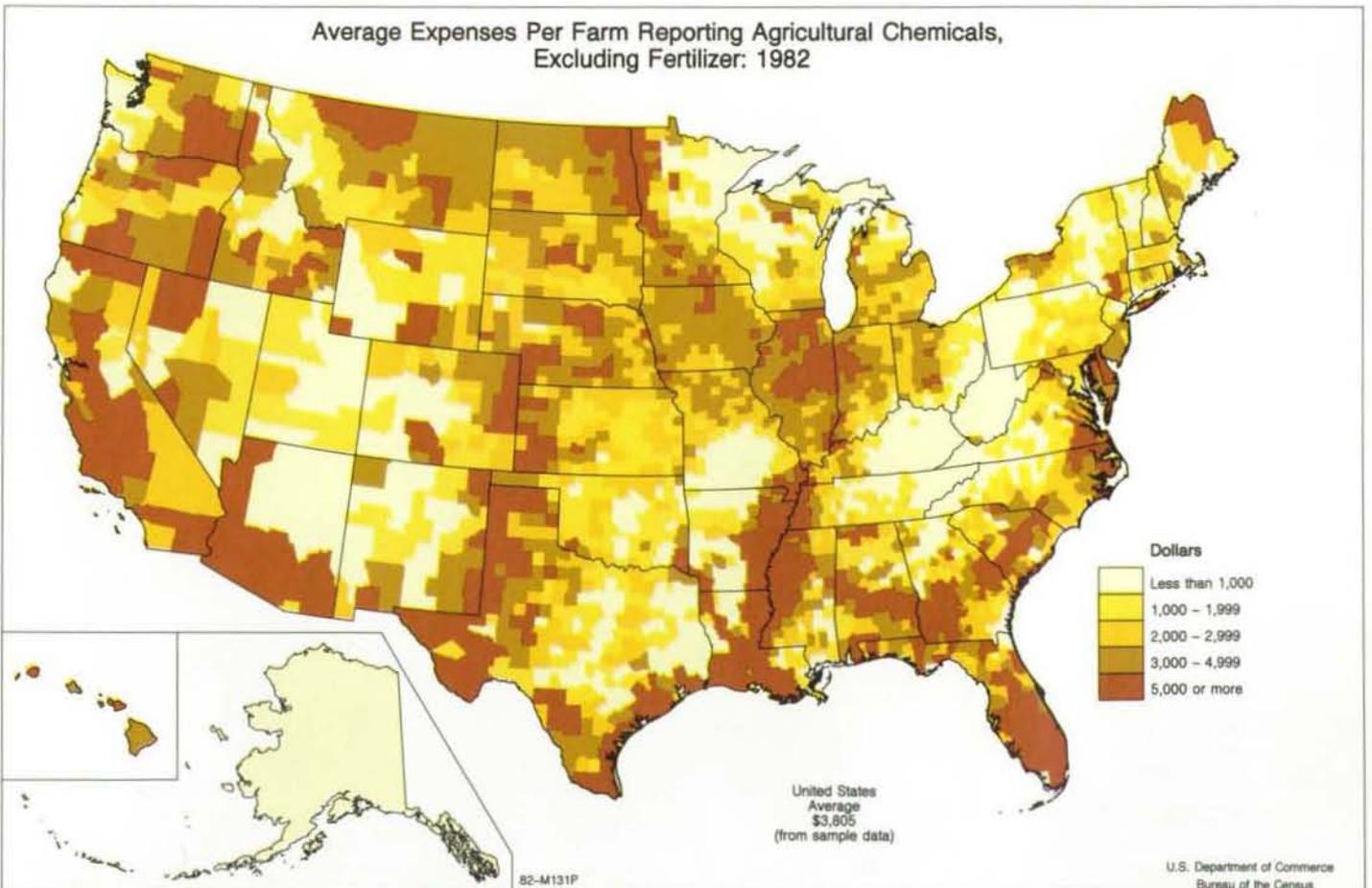
Expenses for Agricultural Chemicals, Excluding Fertilizer: 1982



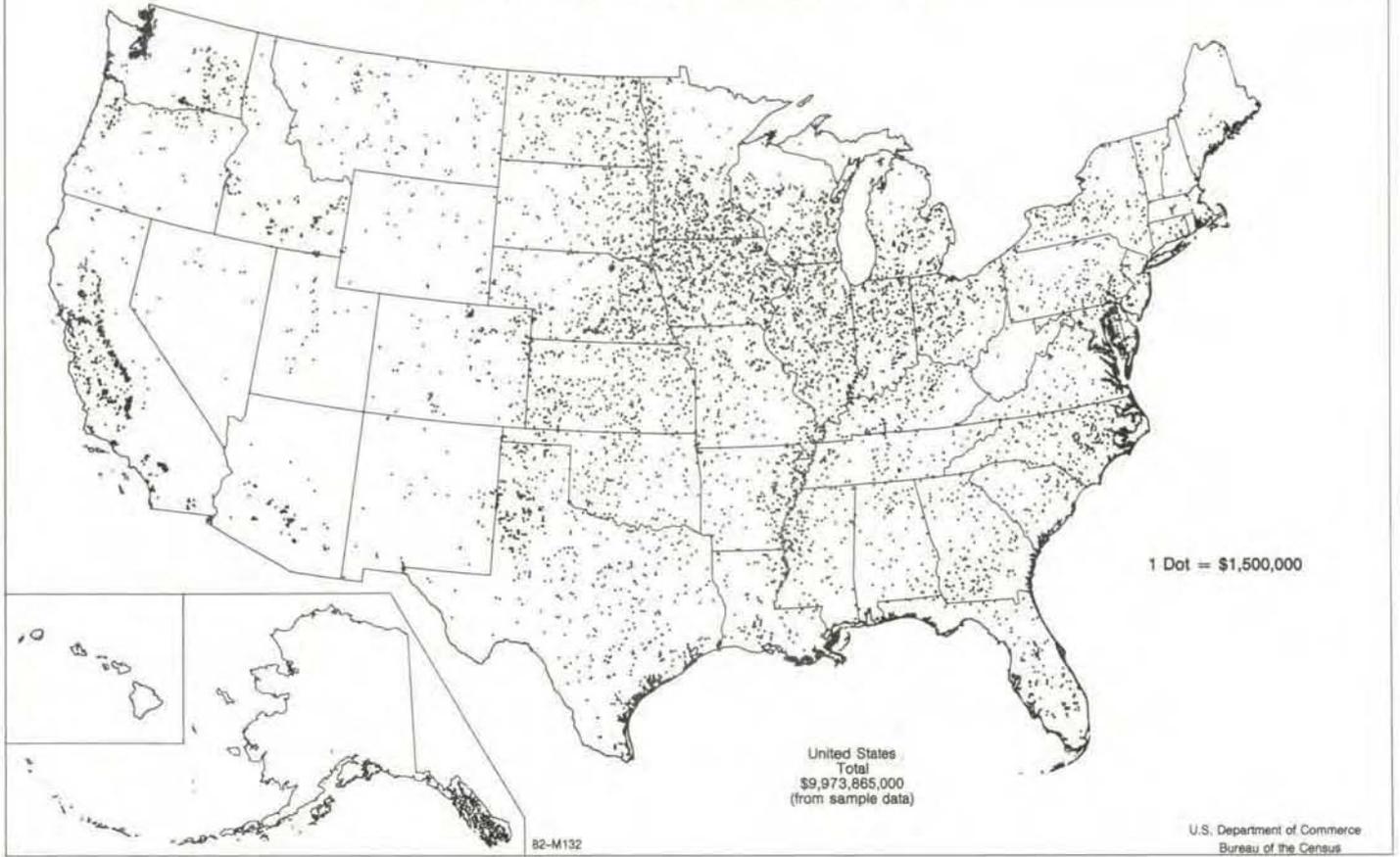
Expenses for Agricultural Chemicals, Excluding Fertilizer, by County: 1982



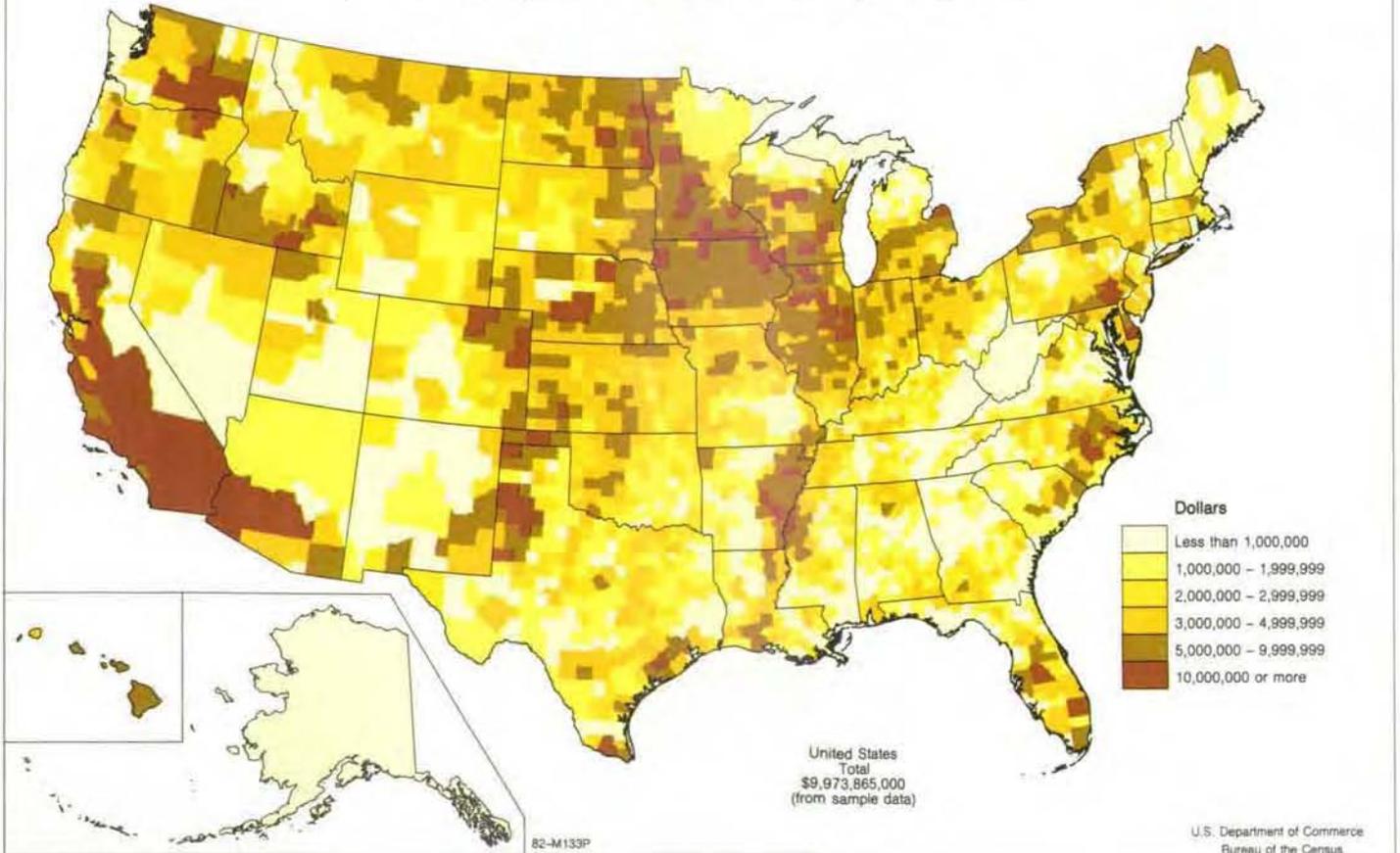
Average Expenses Per Farm Reporting Agricultural Chemicals, Excluding Fertilizer: 1982



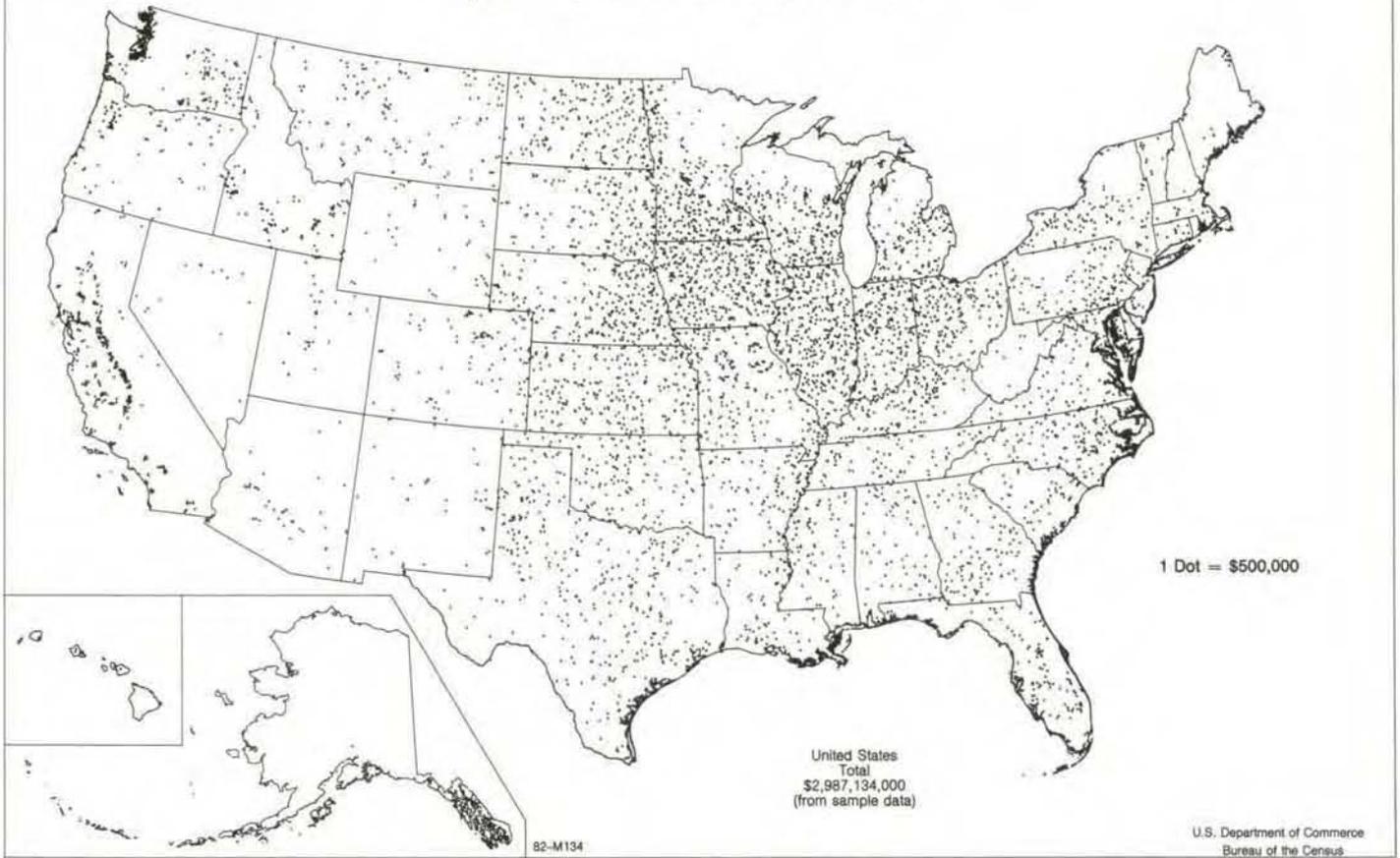
Expenses for Energy and Petroleum Products: 1982



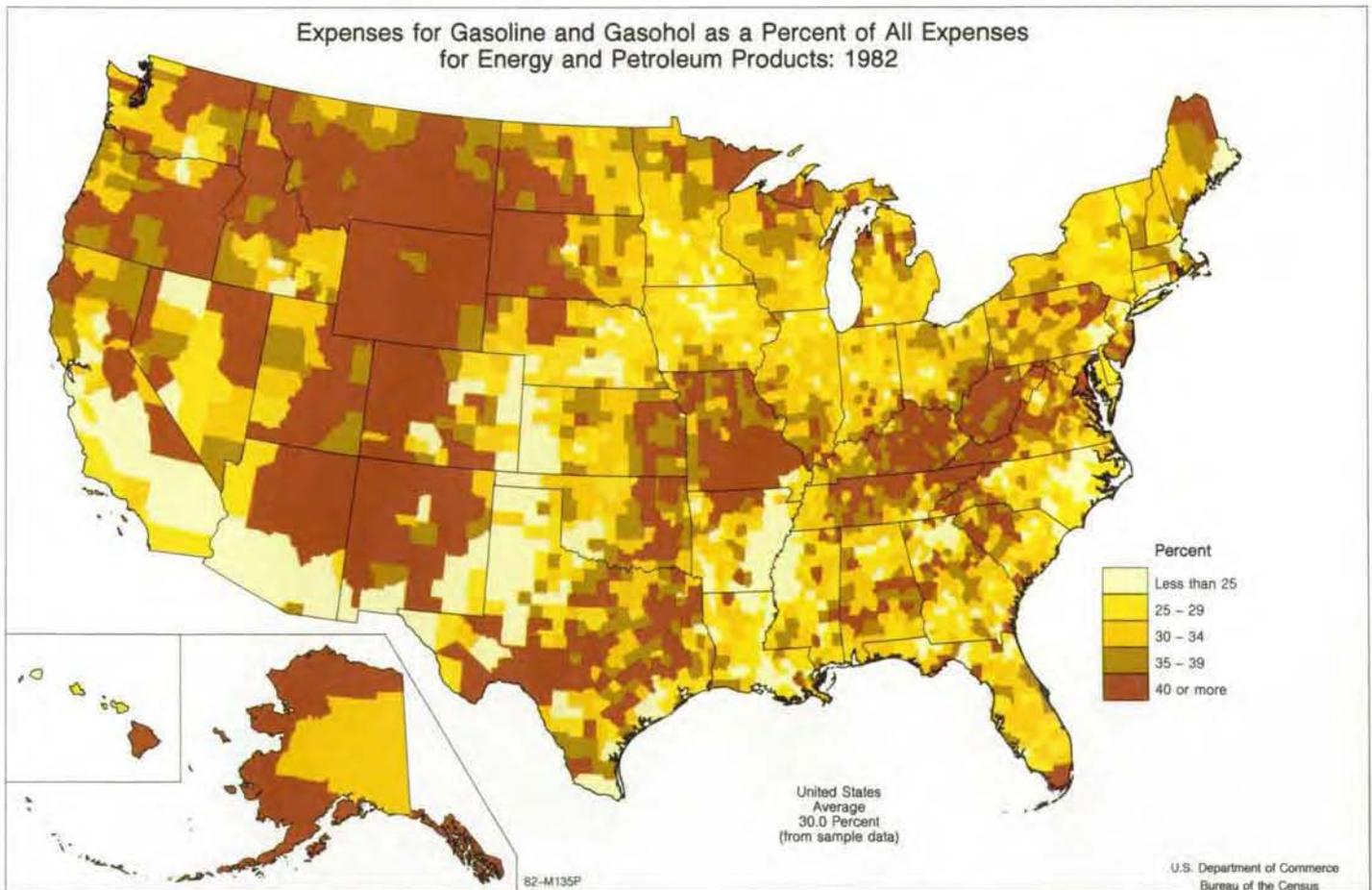
Expenses for Energy and Petroleum Products by County: 1982



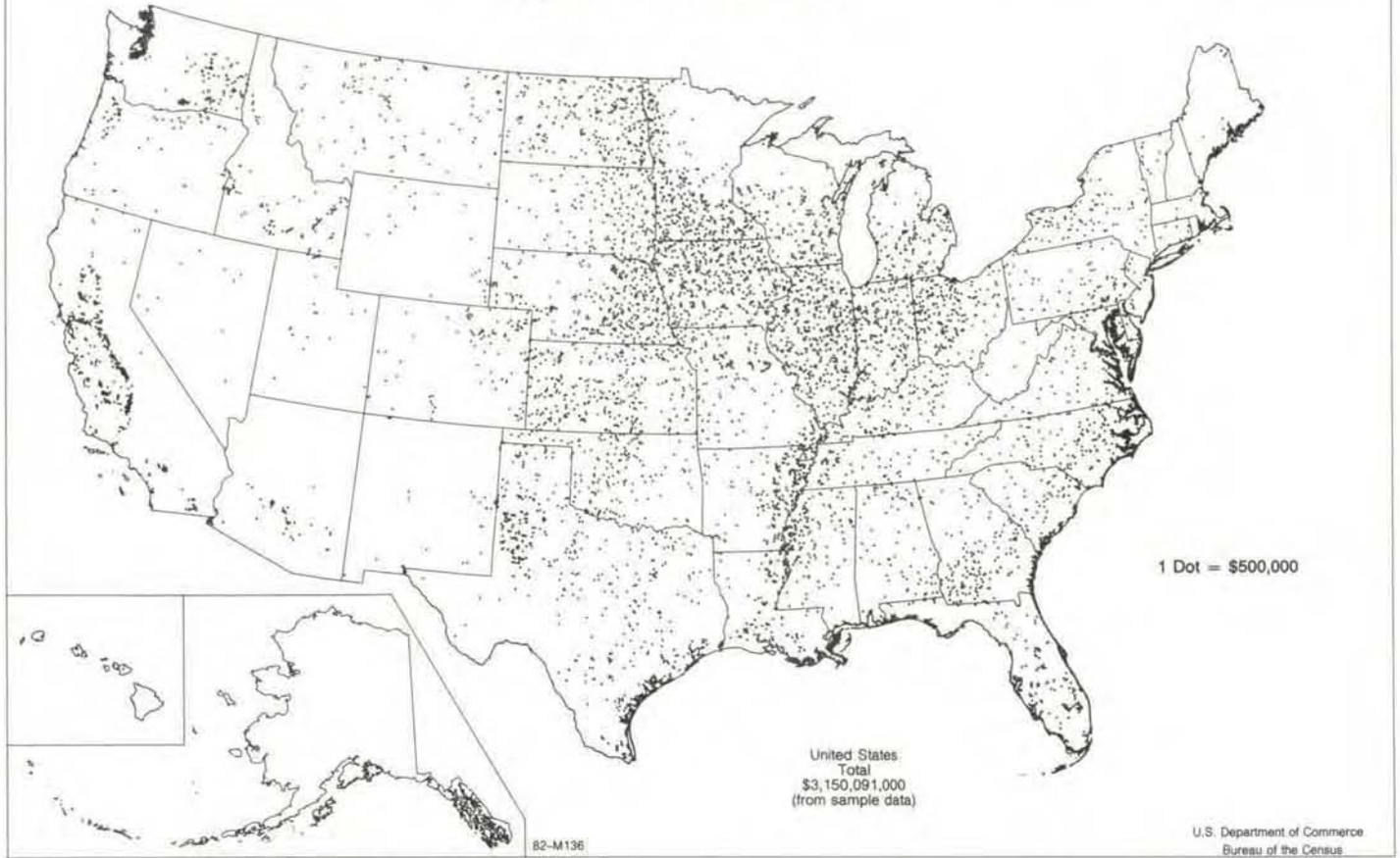
Expenses for Gasoline and Gasohol: 1982



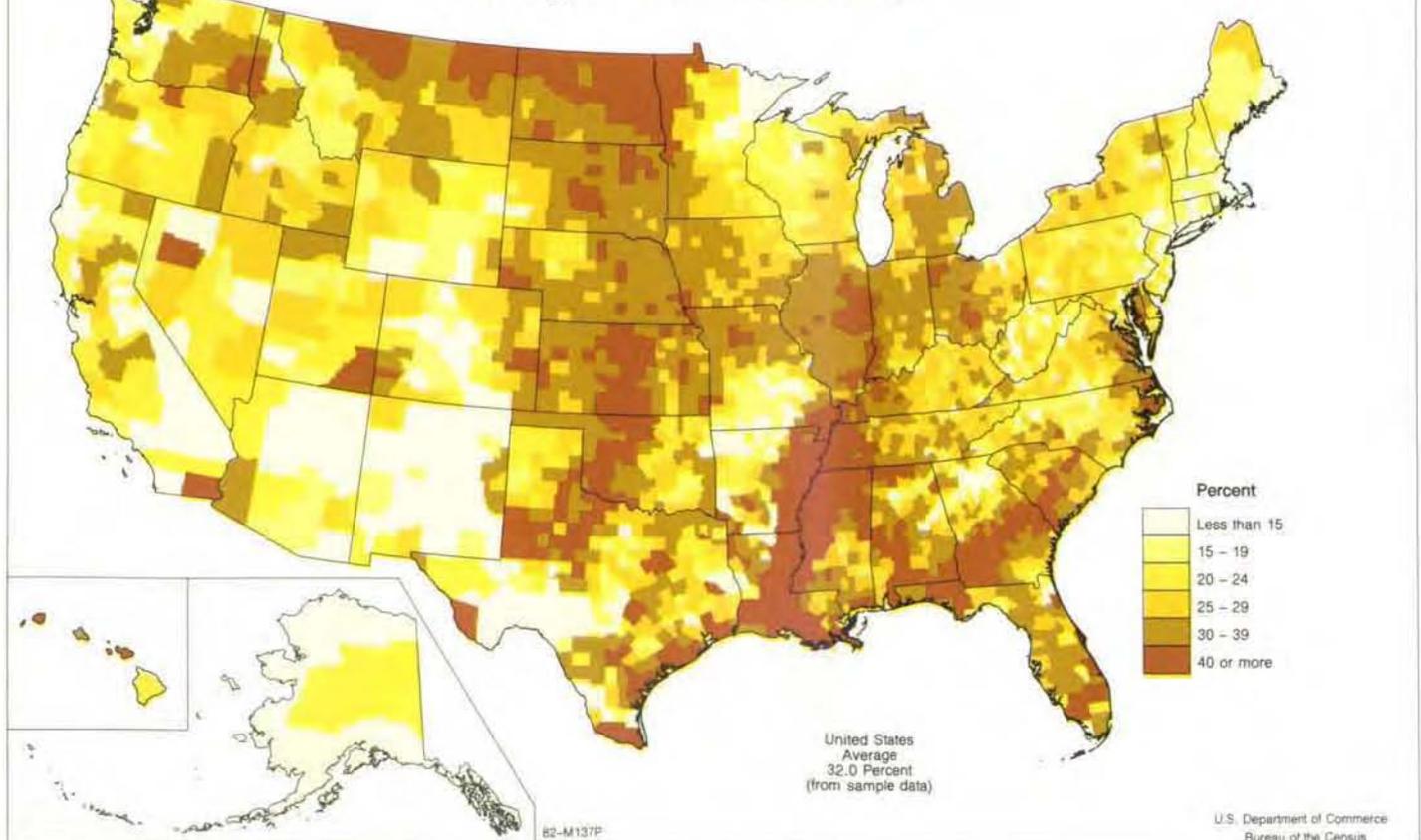
Expenses for Gasoline and Gasohol as a Percent of All Expenses for Energy and Petroleum Products: 1982



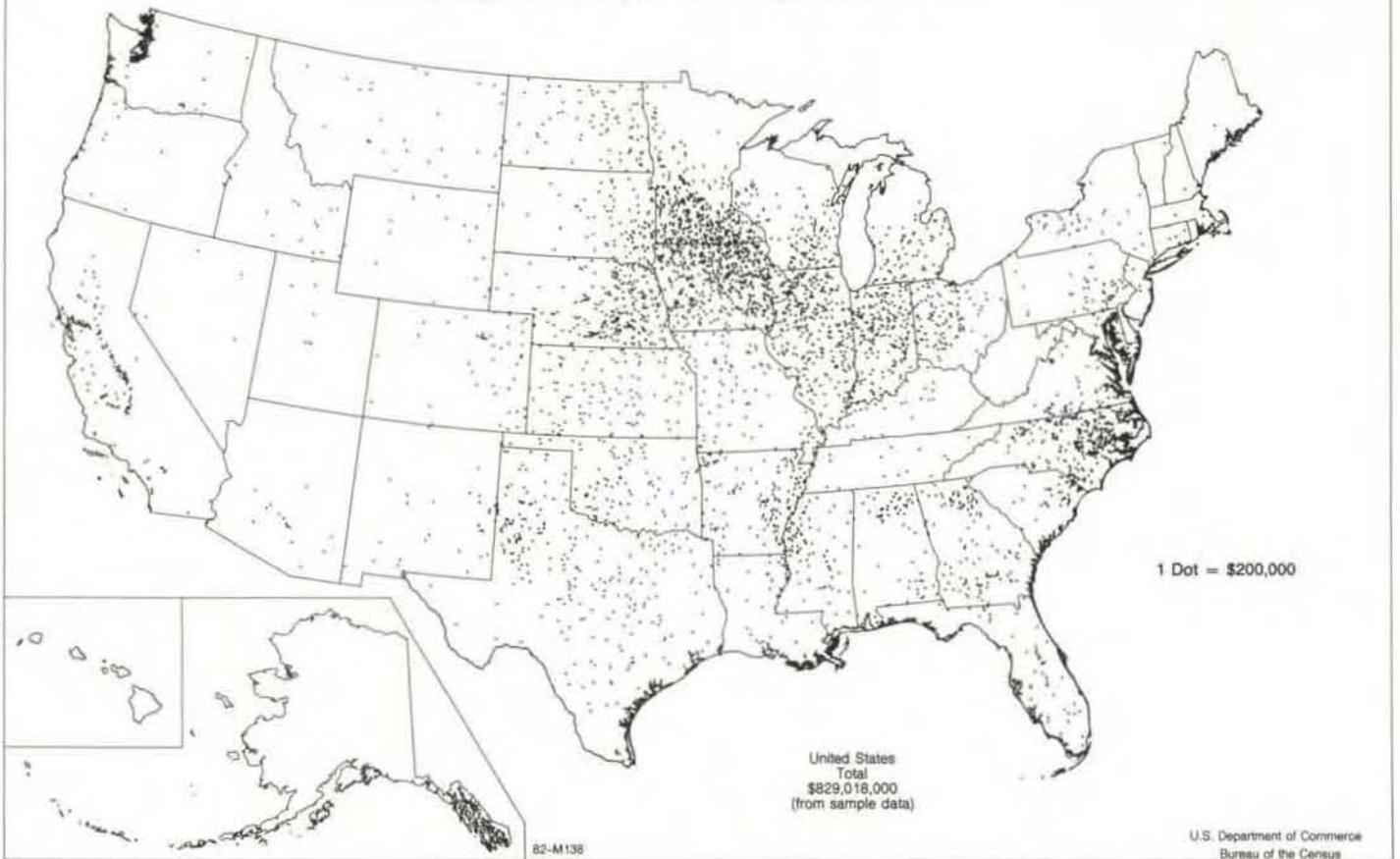
Expenses for Diesel Fuel: 1982



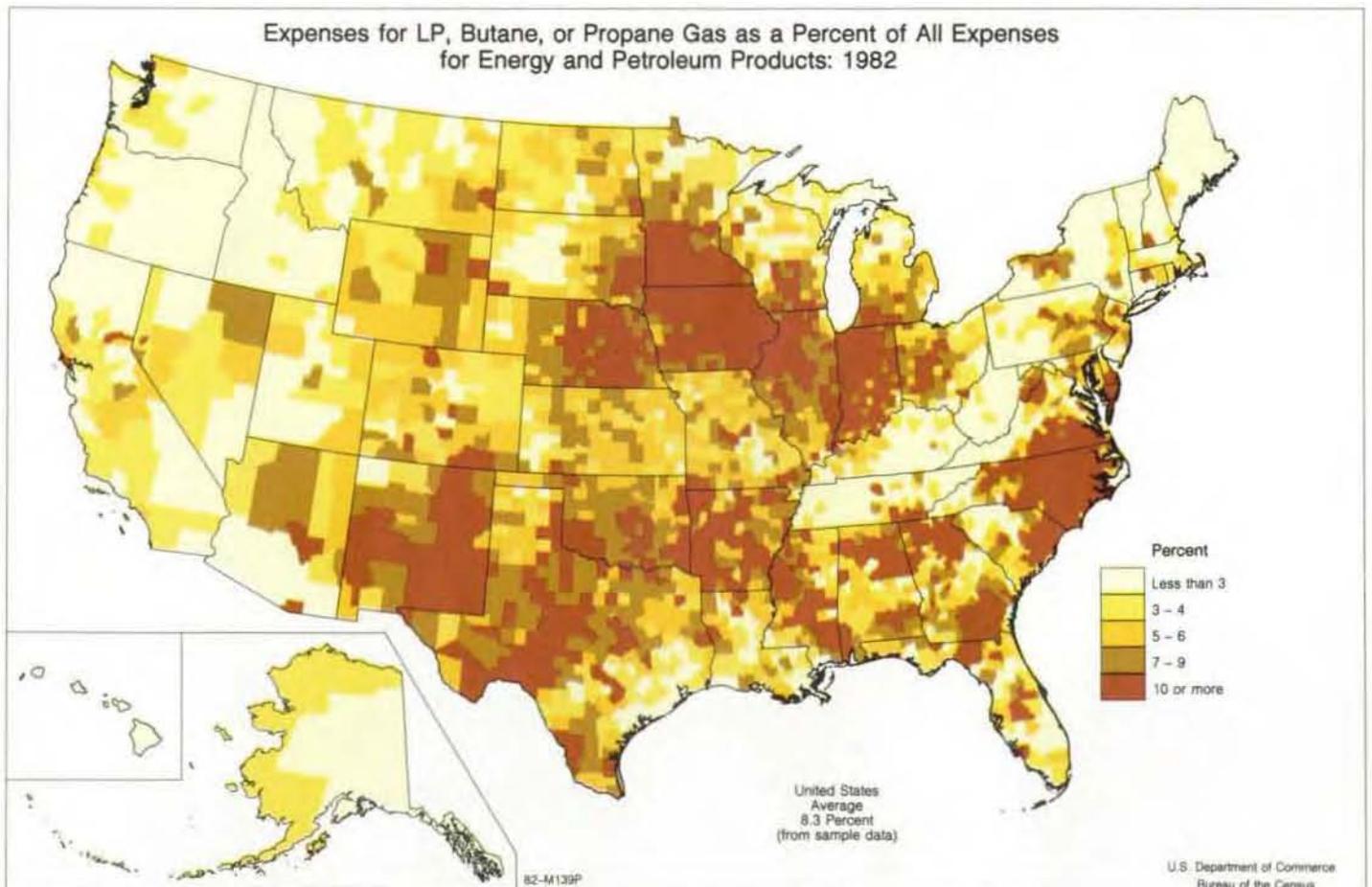
Expenses for Diesel Fuel as a Percent of All Expenses for Energy and Petroleum Products: 1982



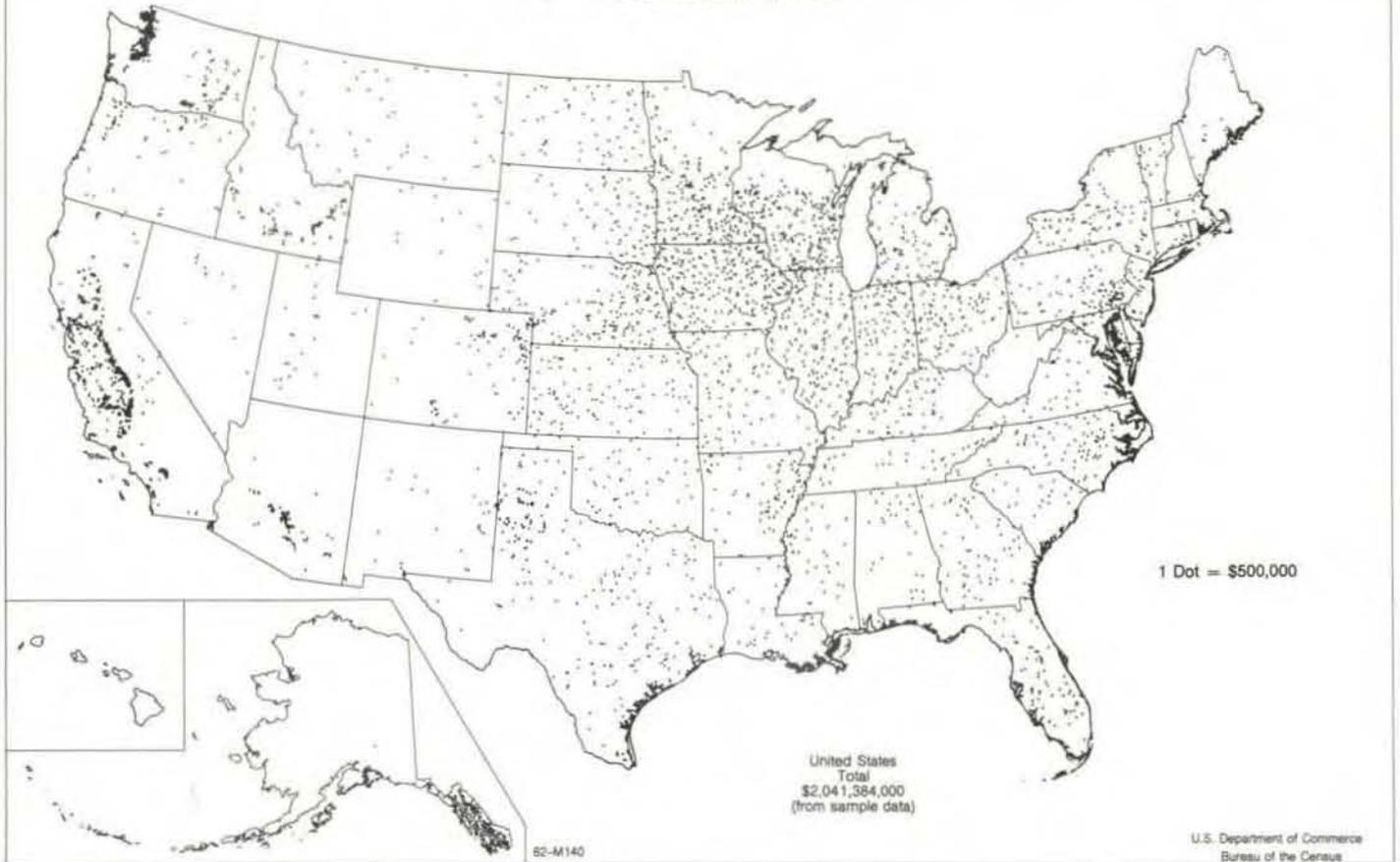
Expenses for LP, Butane, or Propane Gas: 1982



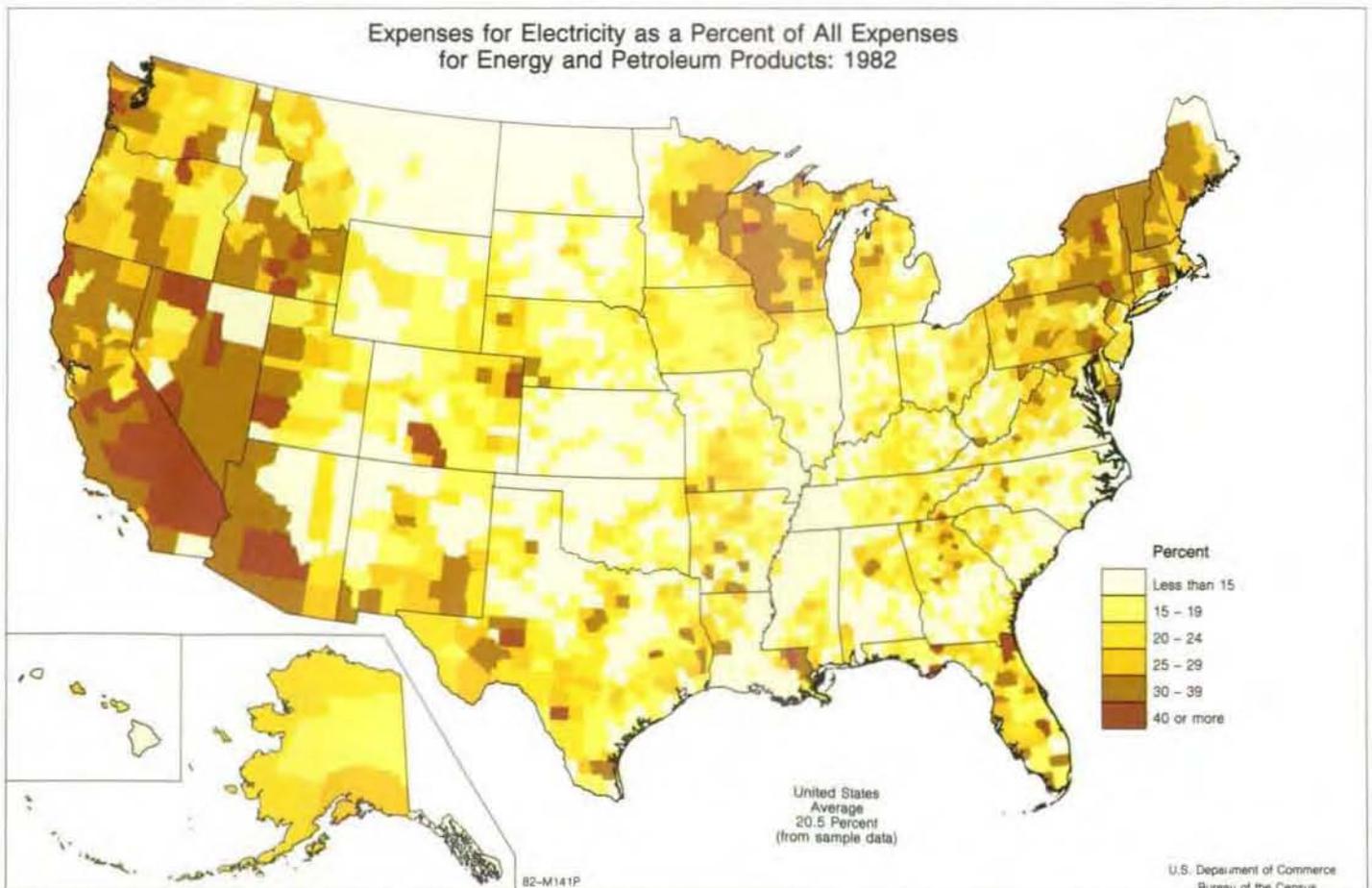
Expenses for LP, Butane, or Propane Gas as a Percent of All Expenses for Energy and Petroleum Products: 1982



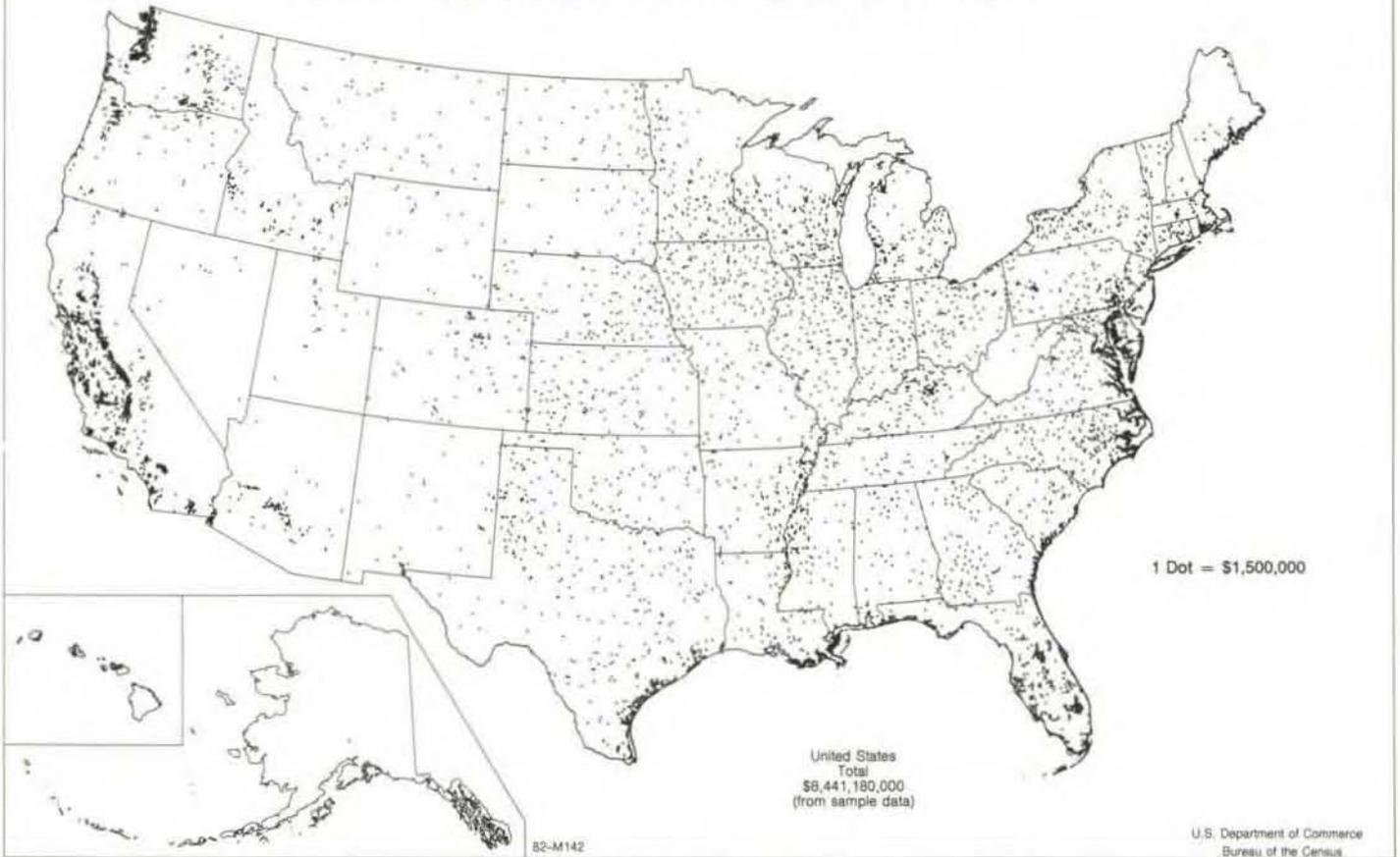
Expenses for Electricity: 1982



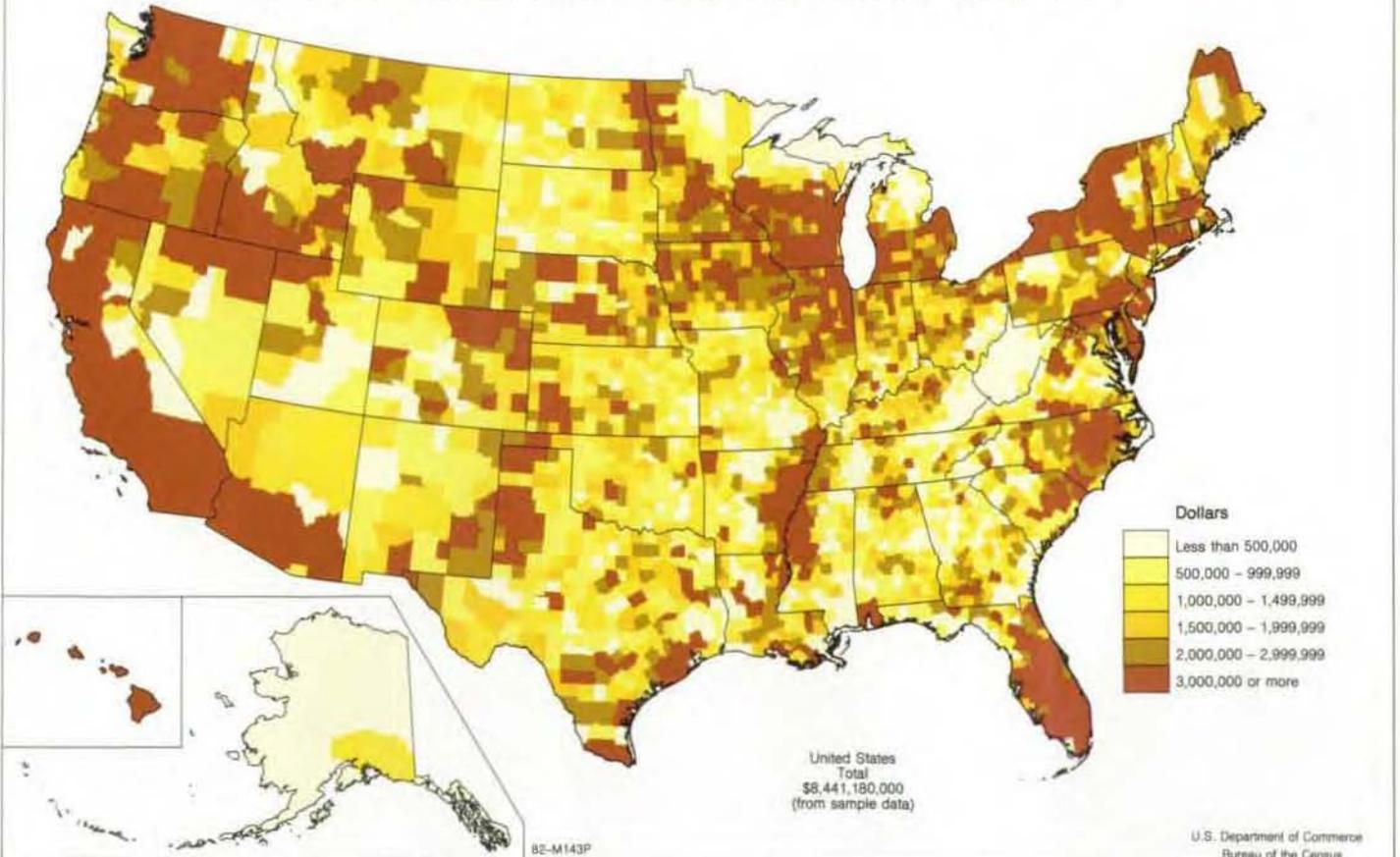
Expenses for Electricity as a Percent of All Expenses
for Energy and Petroleum Products: 1982



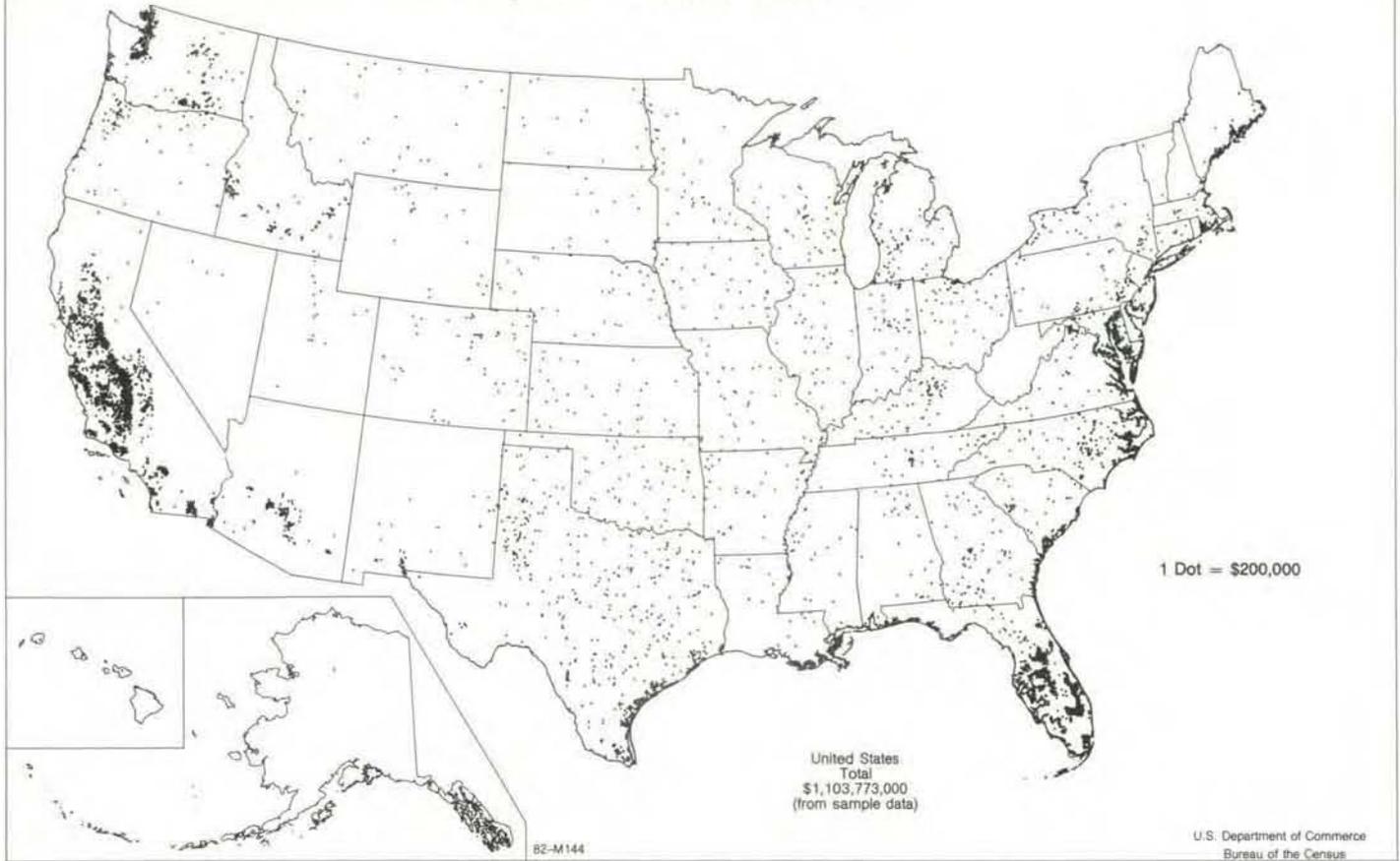
Expenses for Hired Farm Labor, Excluding Contract Labor: 1982



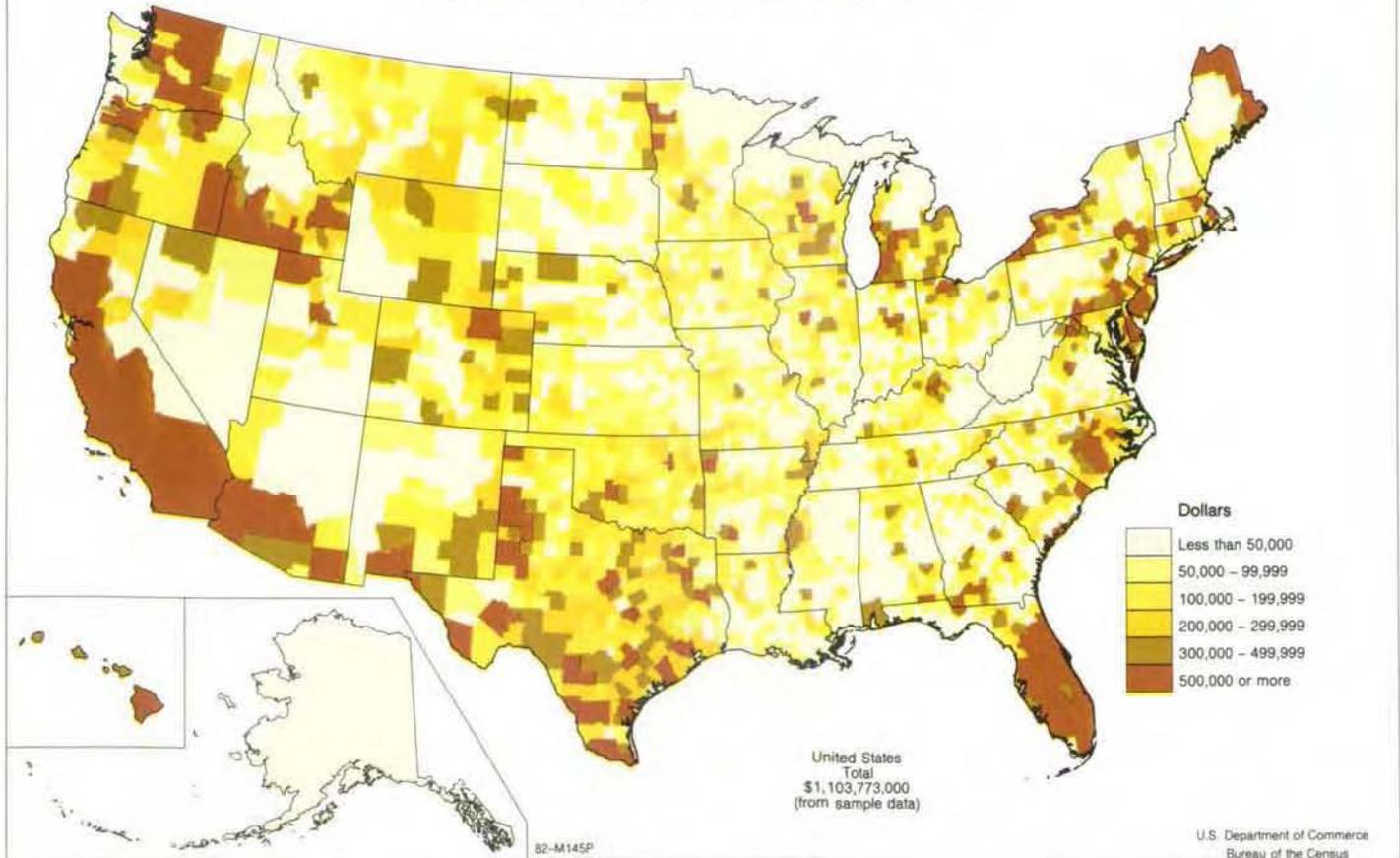
Expenses for Hired Farm Labor, Excluding Contract Labor, by County: 1982



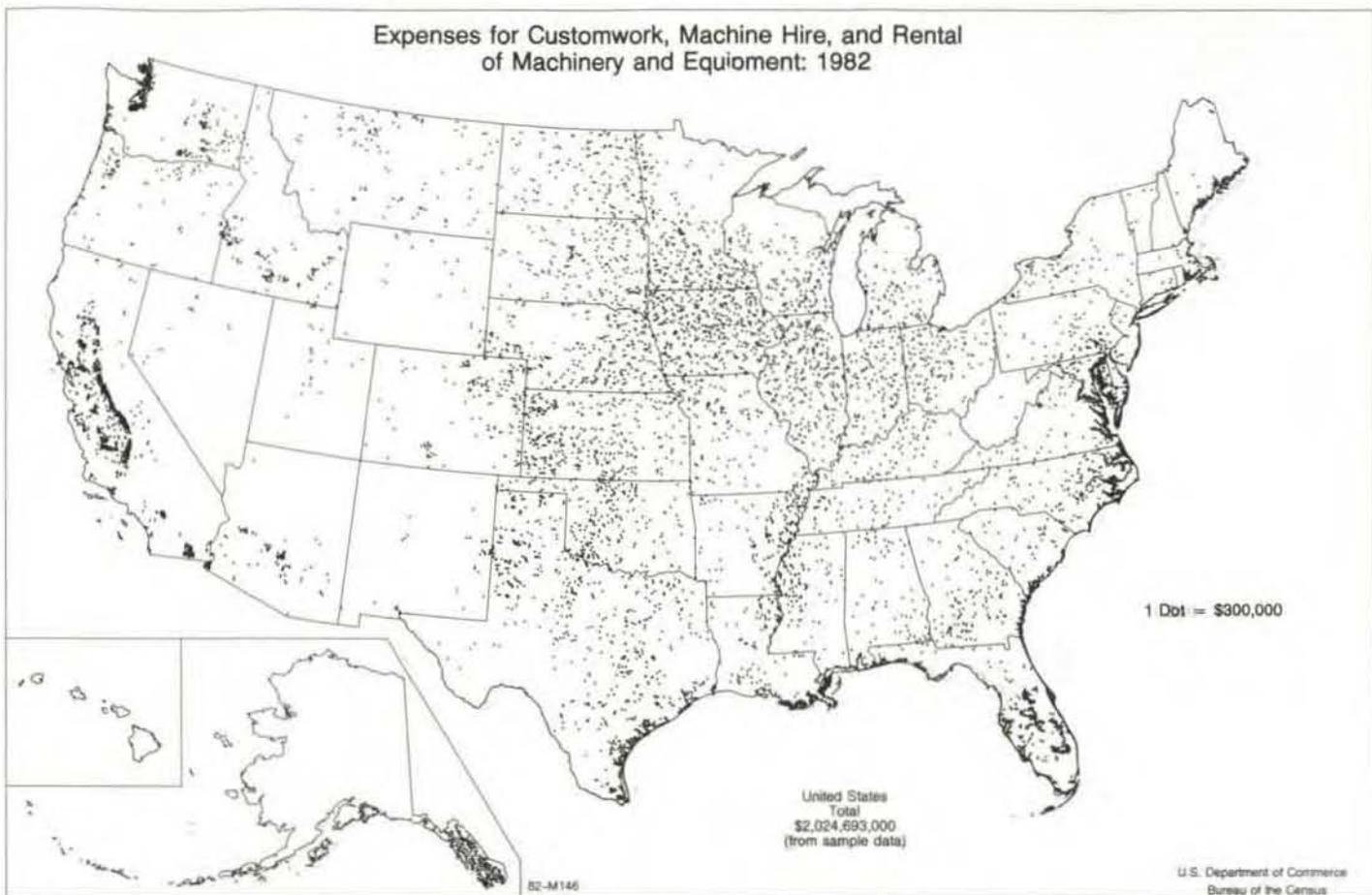
Expenses for Contract Labor: 1982



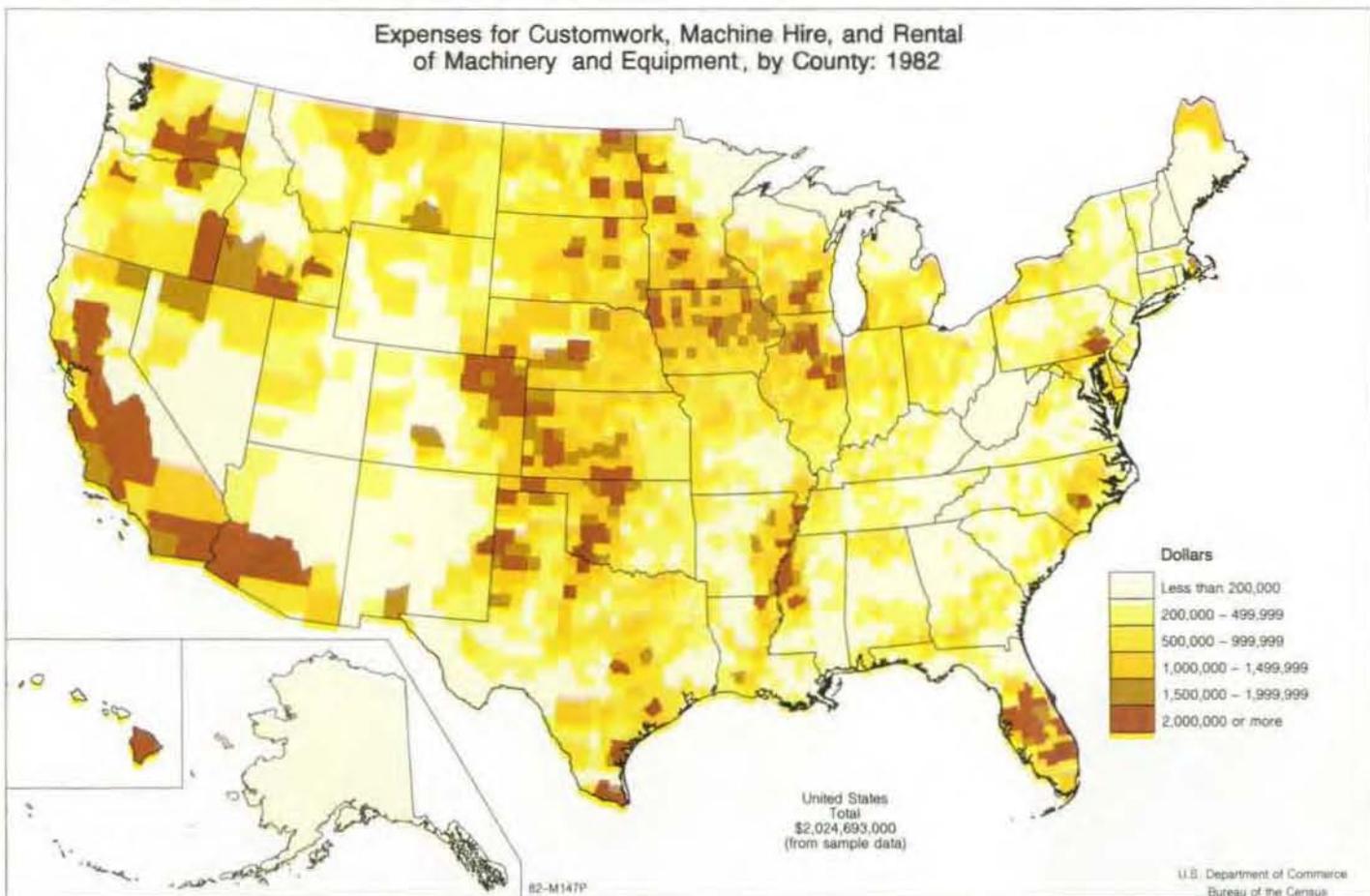
Expenses for Contract Labor by County: 1982



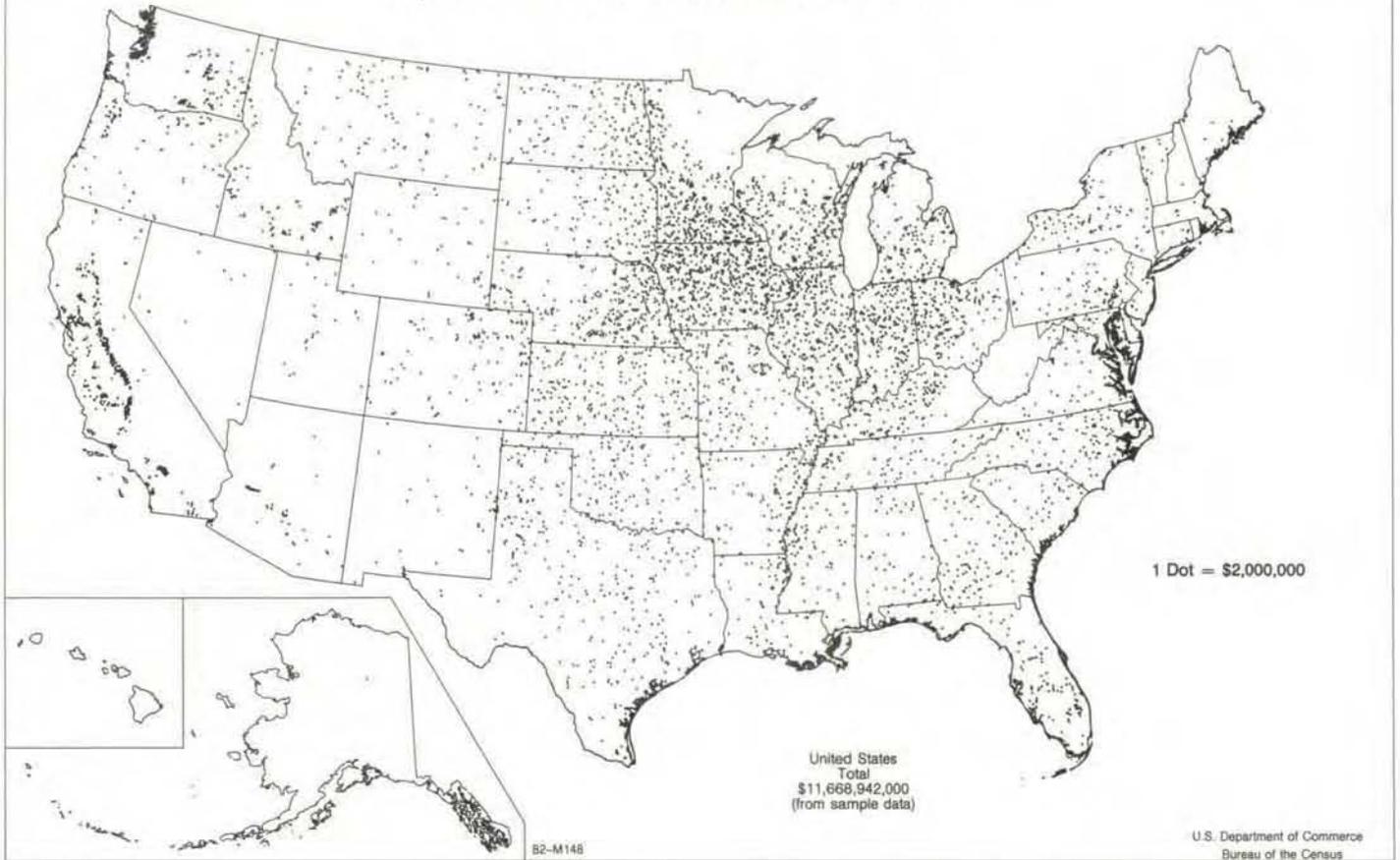
Expenses for Customwork, Machine Hire, and Rental
of Machinery and Equipment: 1982



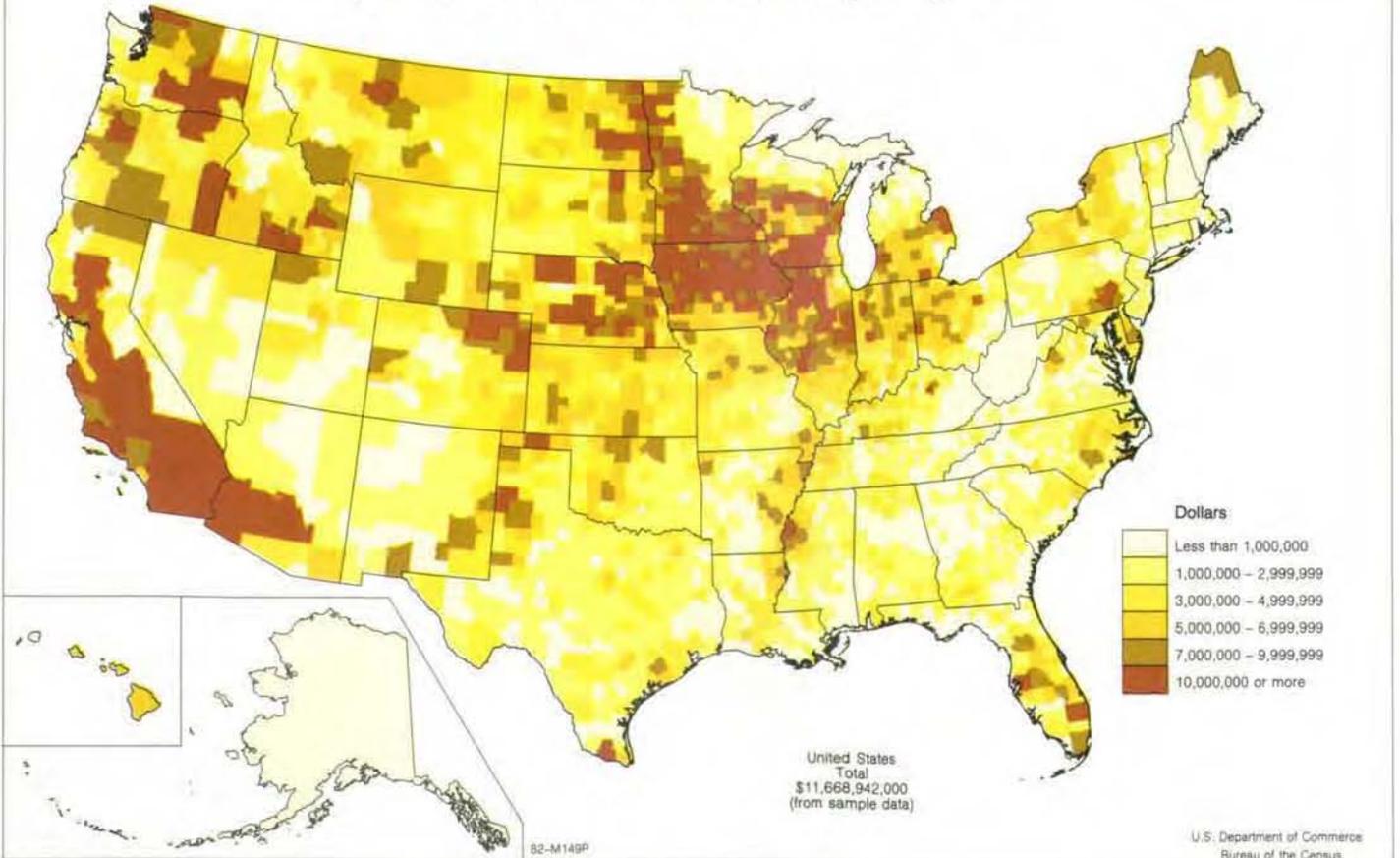
Expenses for Customwork, Machine Hire, and Rental
of Machinery and Equipment, by County: 1982



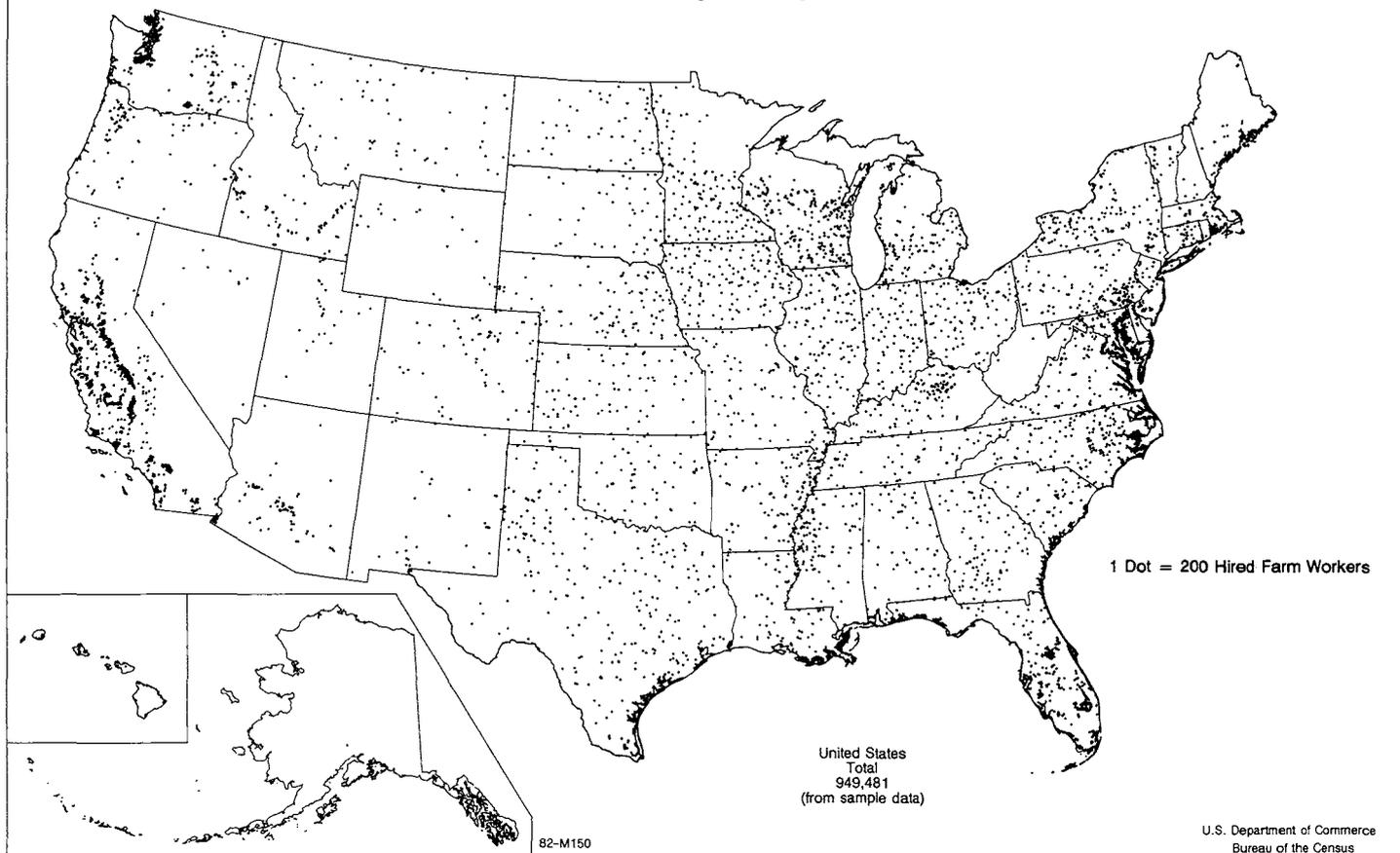
Expenses for Interest for the Farm Business: 1982



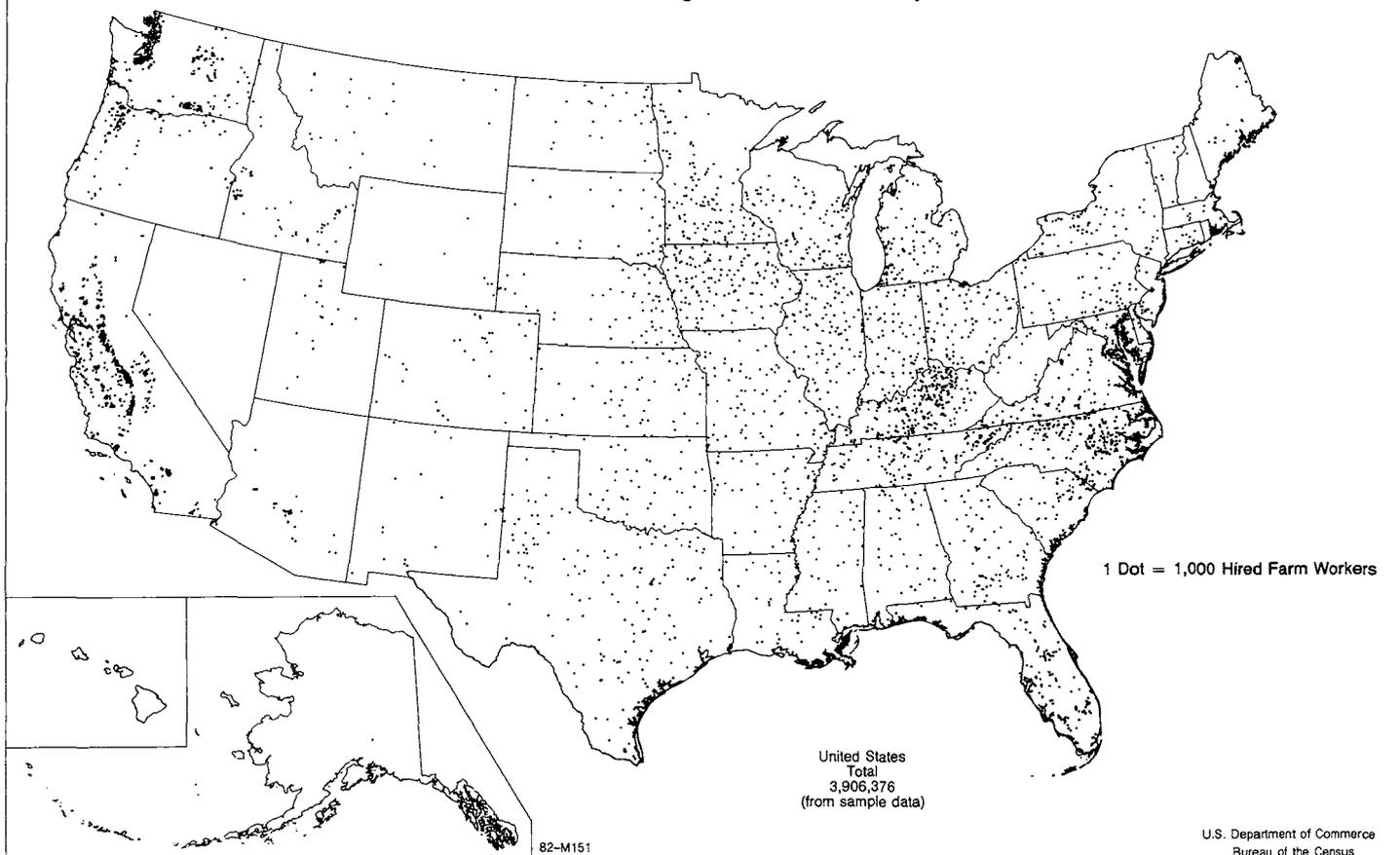
Expenses for Interest for the Farm Business by County: 1982



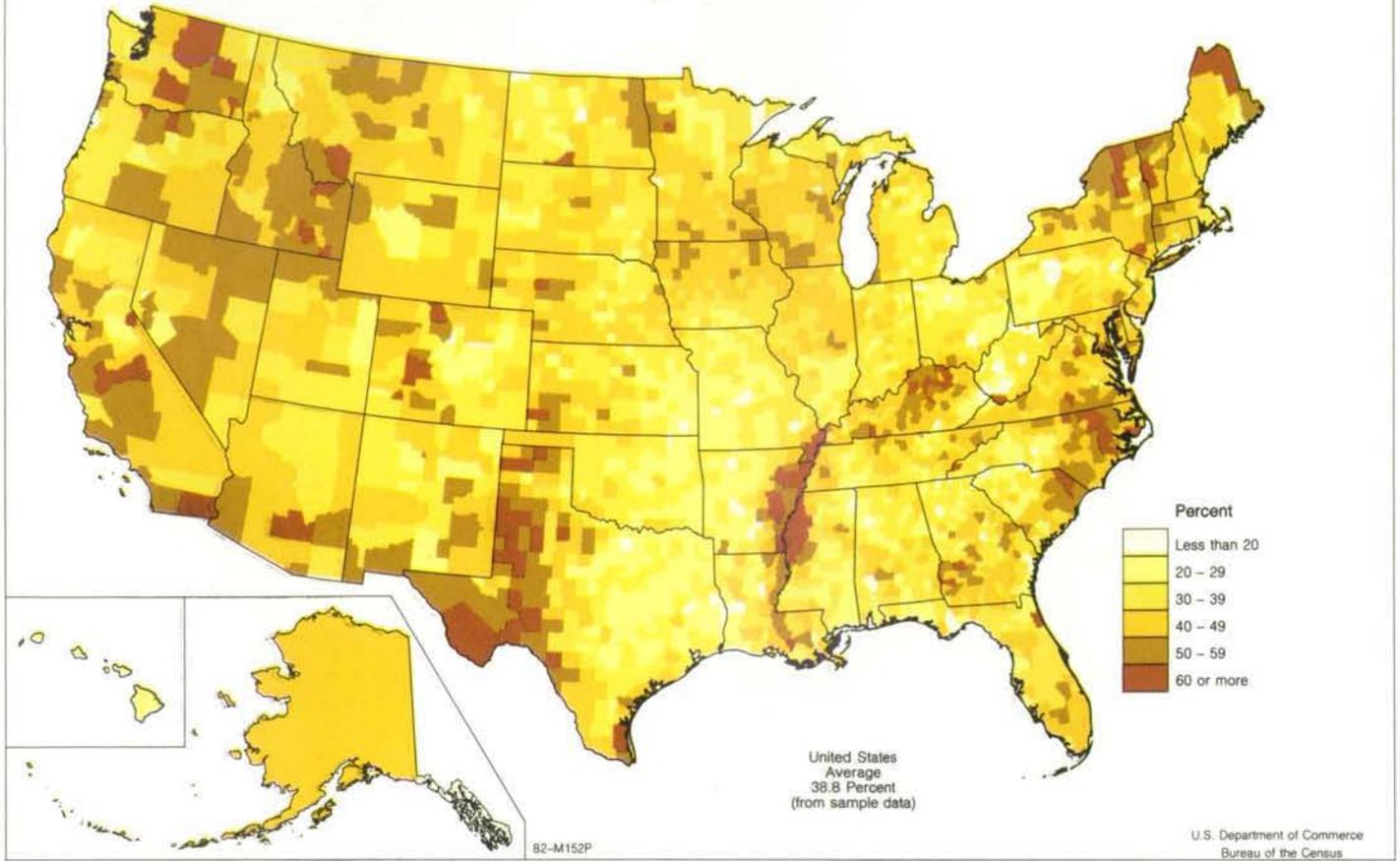
Hired Farm Workers Working 150 Days or More: 1982



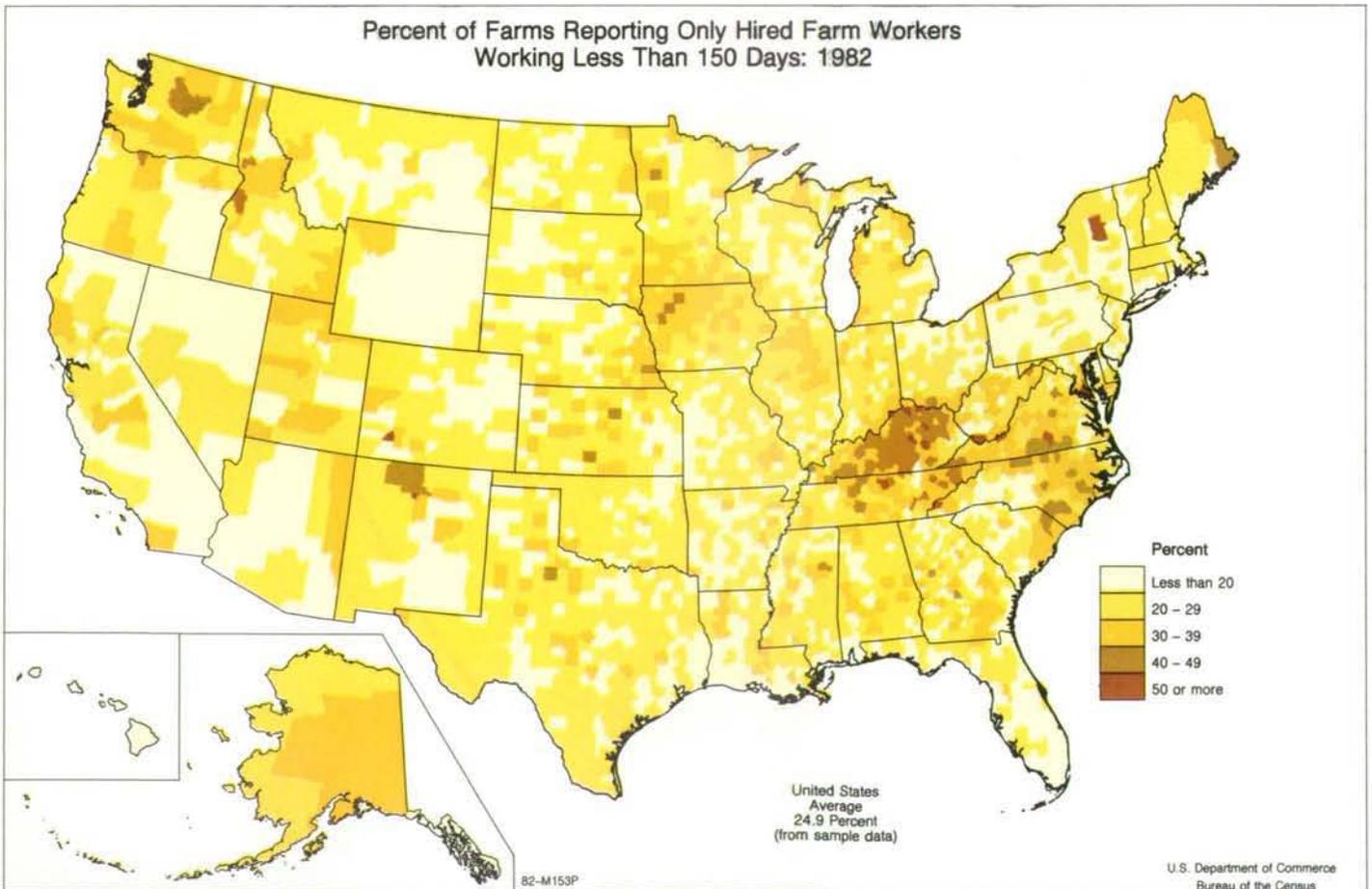
Hired Farm Workers Working Less Than 150 Days: 1982



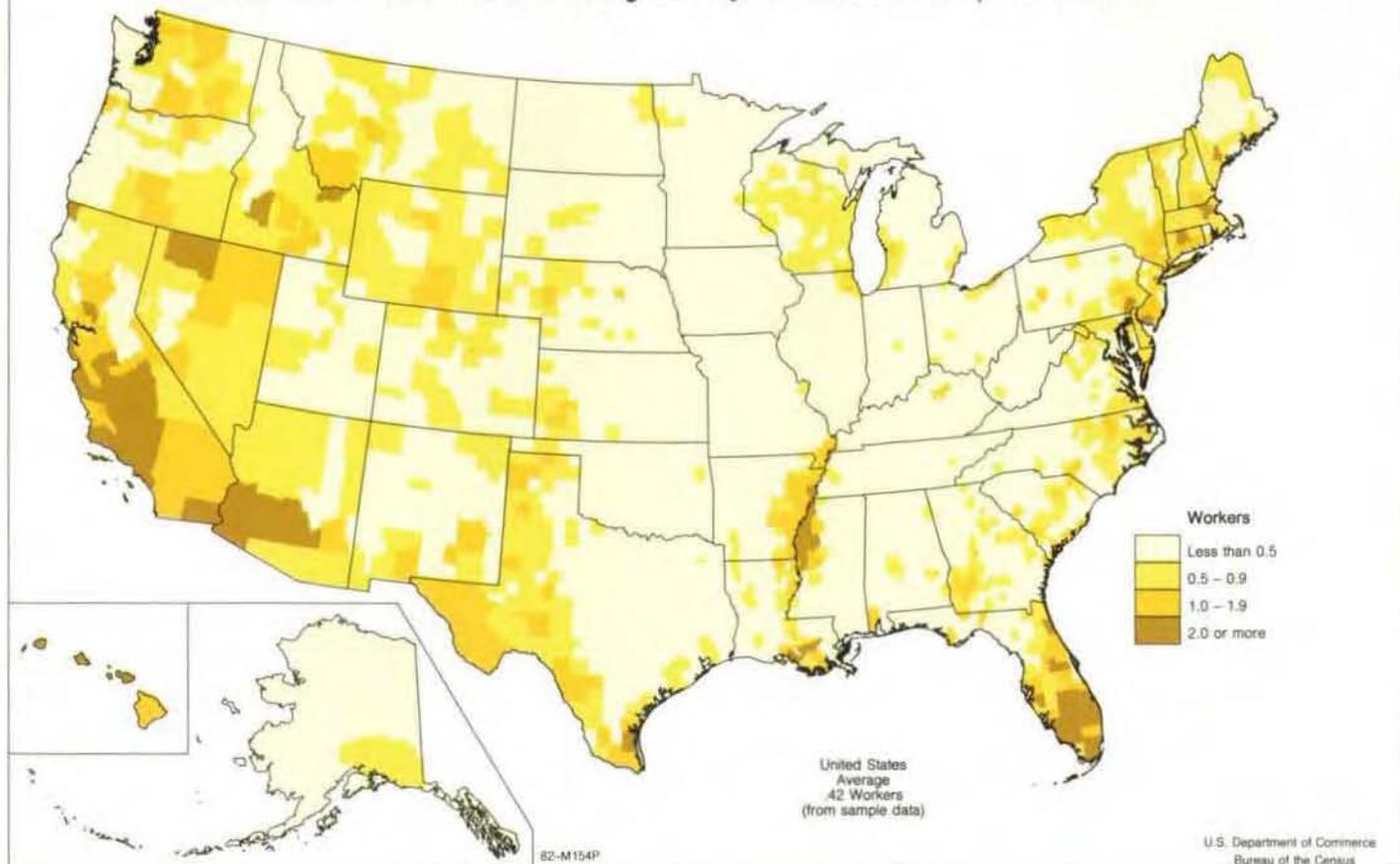
Percent of Farms Reporting Any Hired Farm Labor: 1982

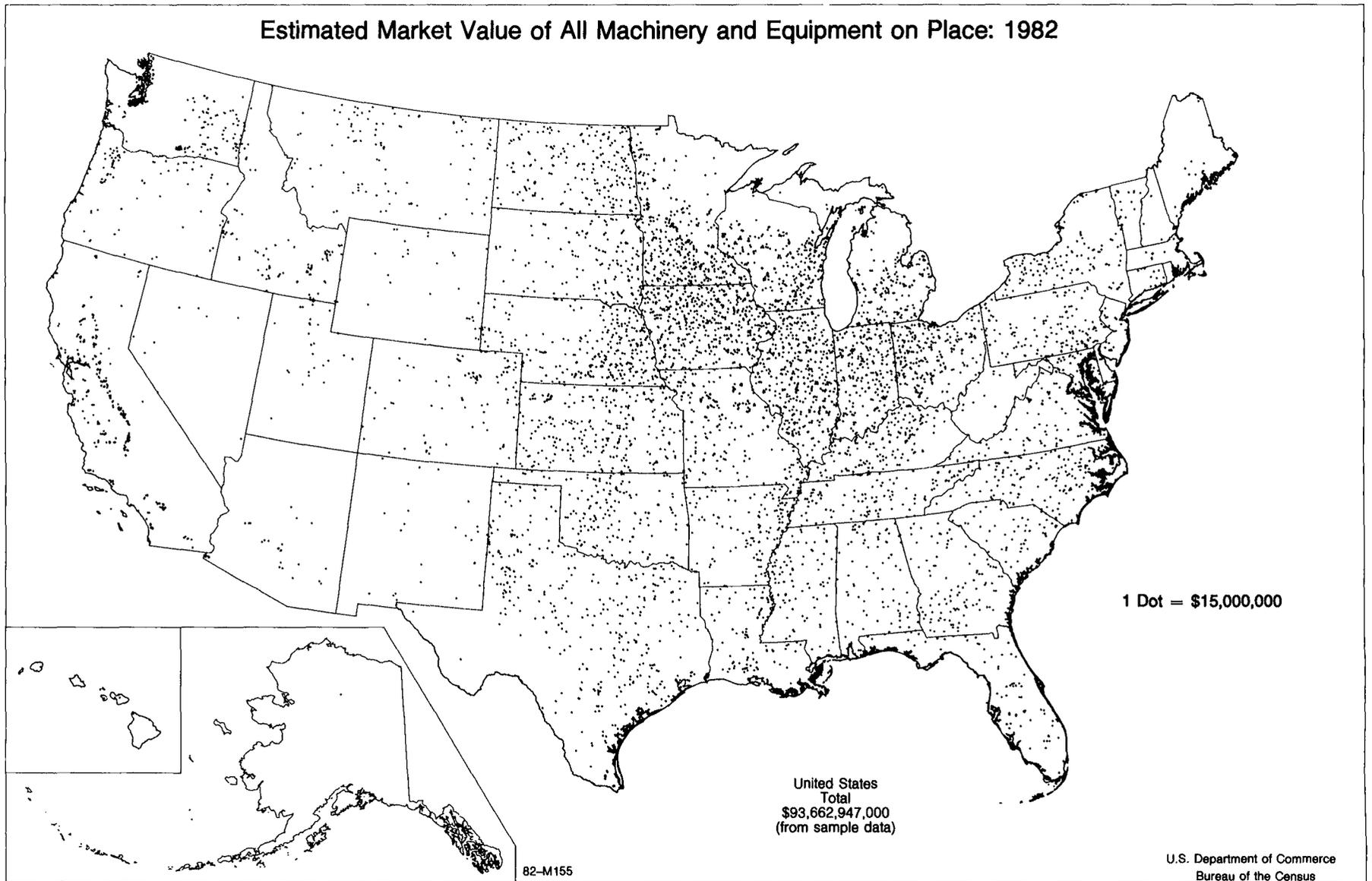


Percent of Farms Reporting Only Hired Farm Workers Working Less Than 150 Days: 1982

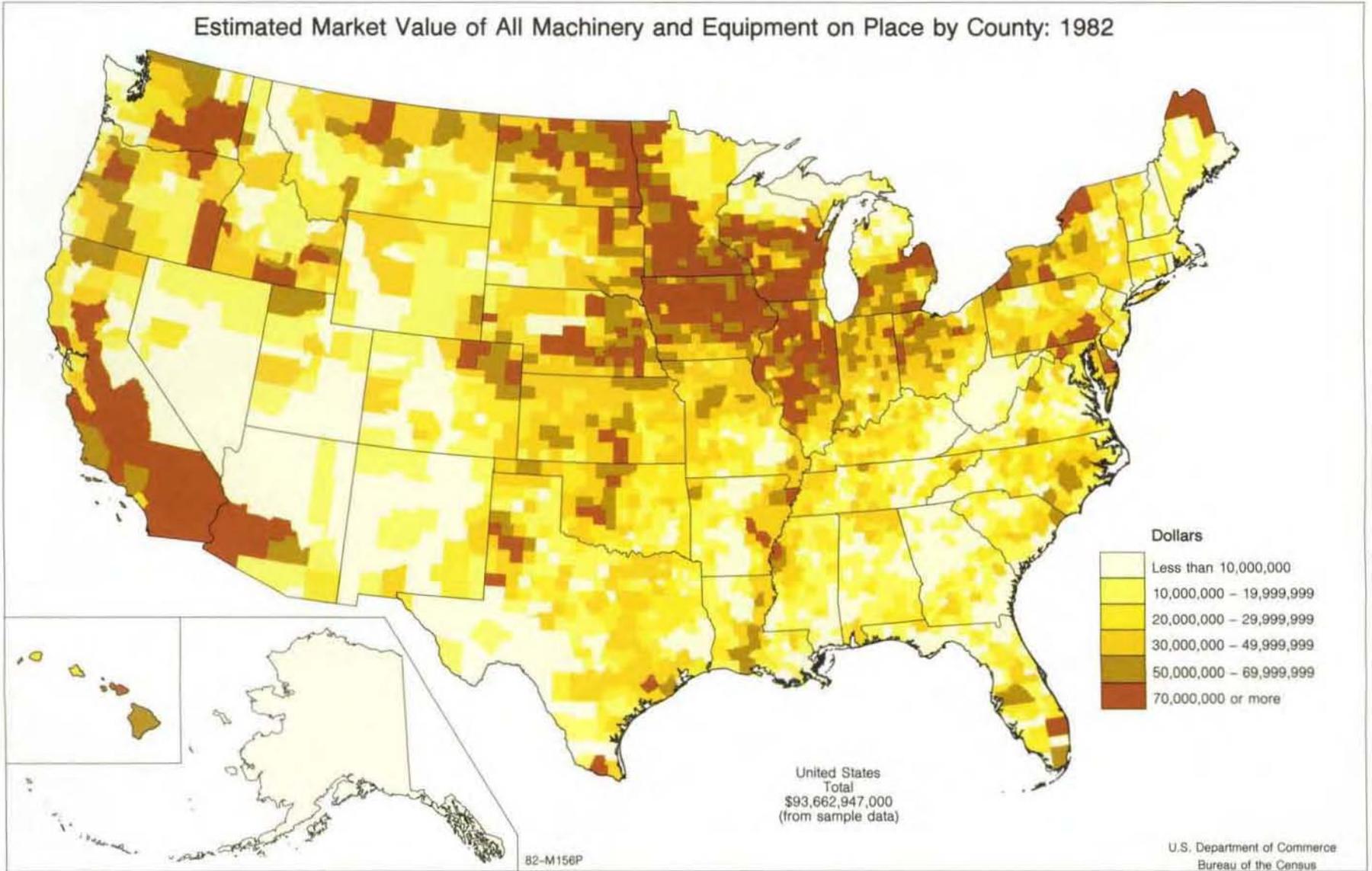


Ratio of Hired Farm Workers Working 150 Days or More to Farm Operators: 1982

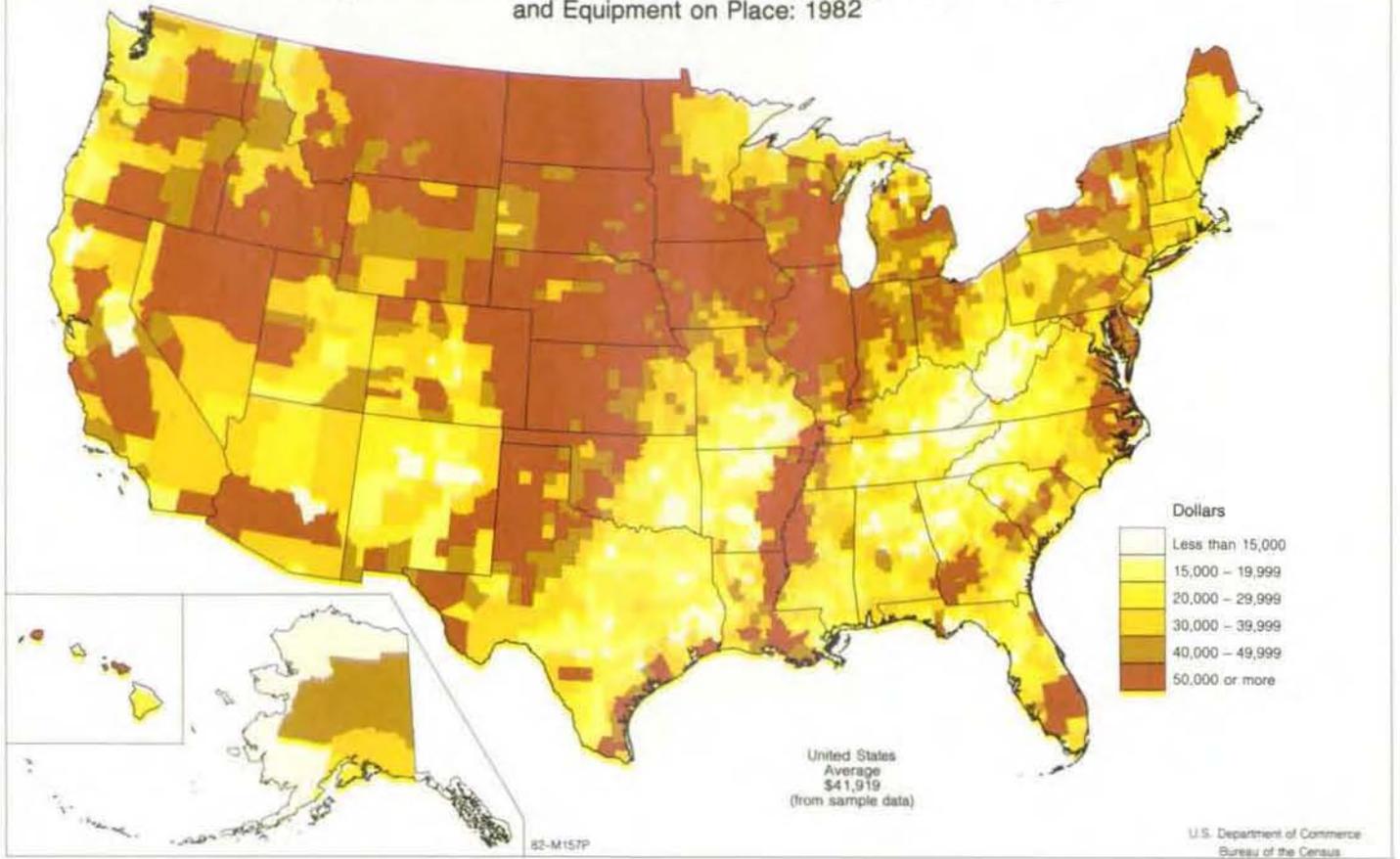




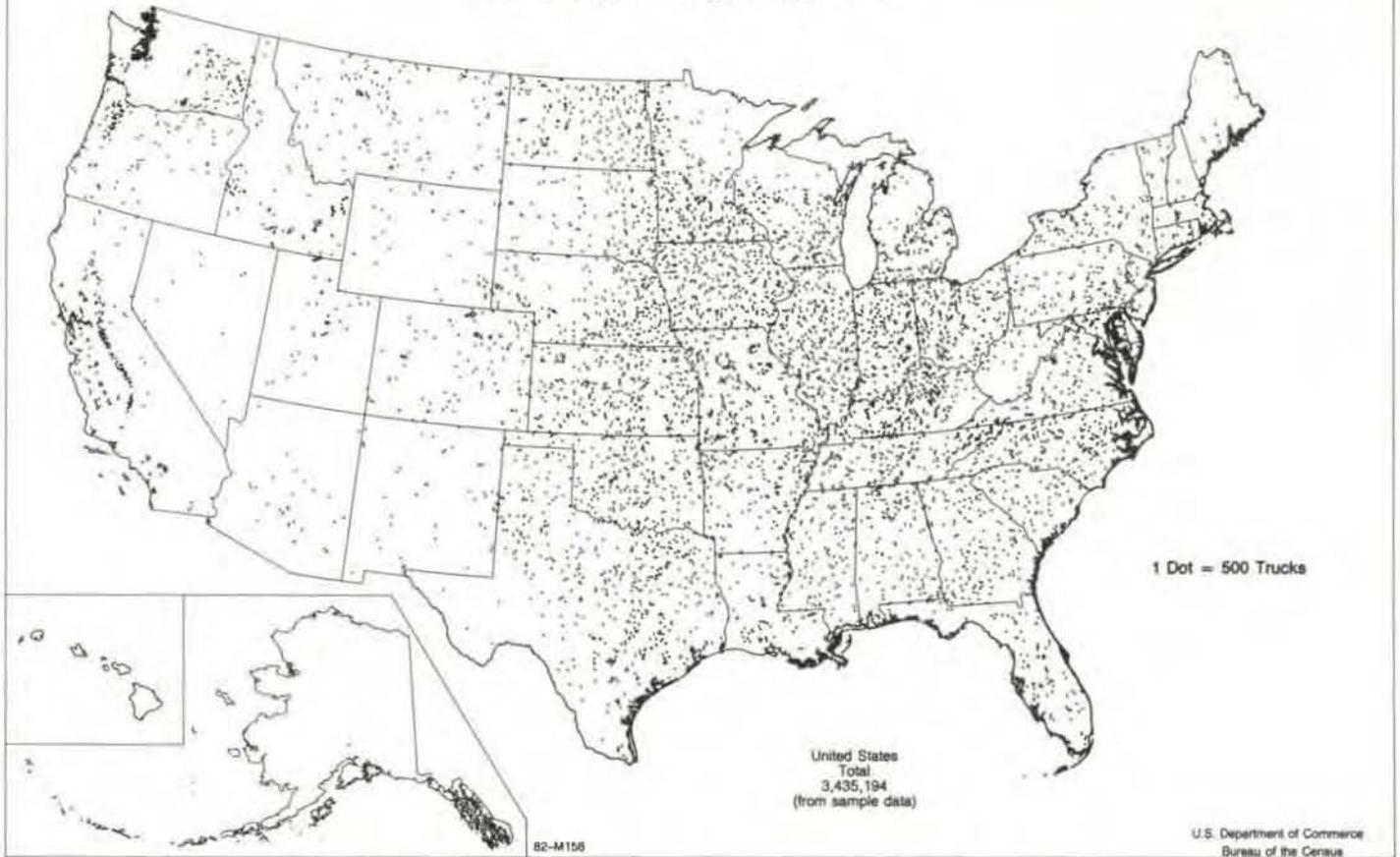
Estimated Market Value of All Machinery and Equipment on Place by County: 1982



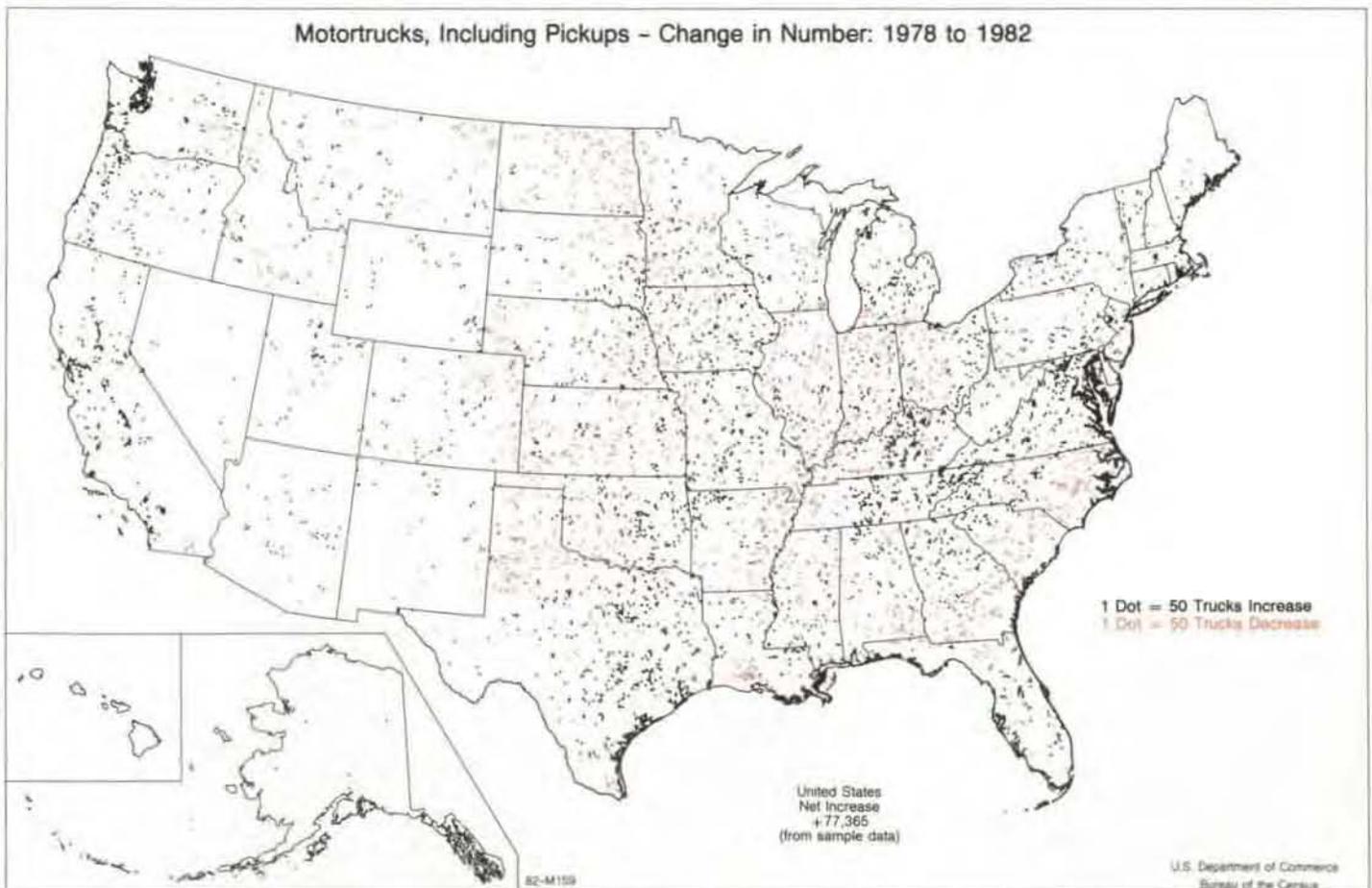
Average Estimated Market Value Per Farm Reporting of All Machinery and Equipment on Place: 1982



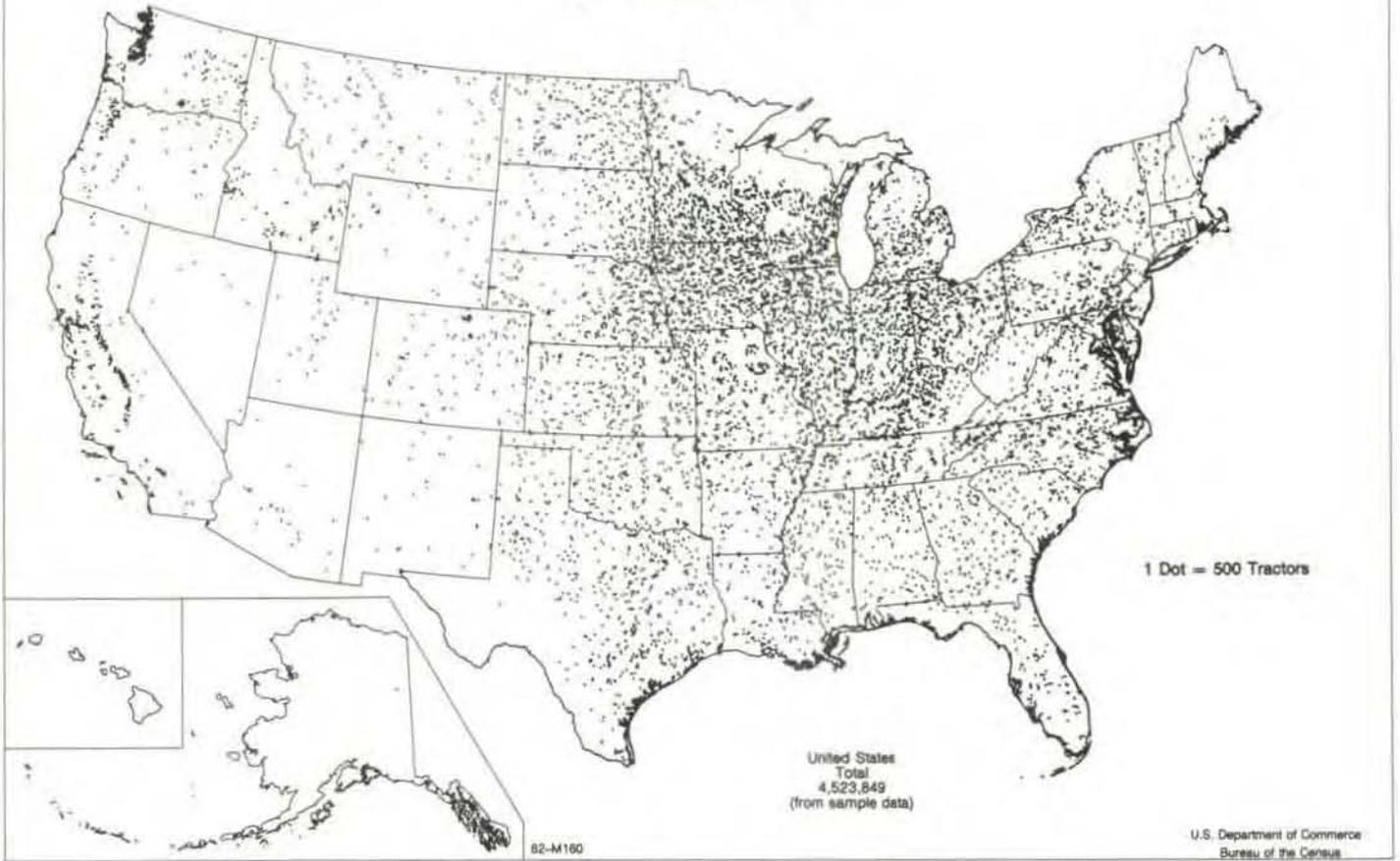
Motortrucks, Including Pickups: 1982



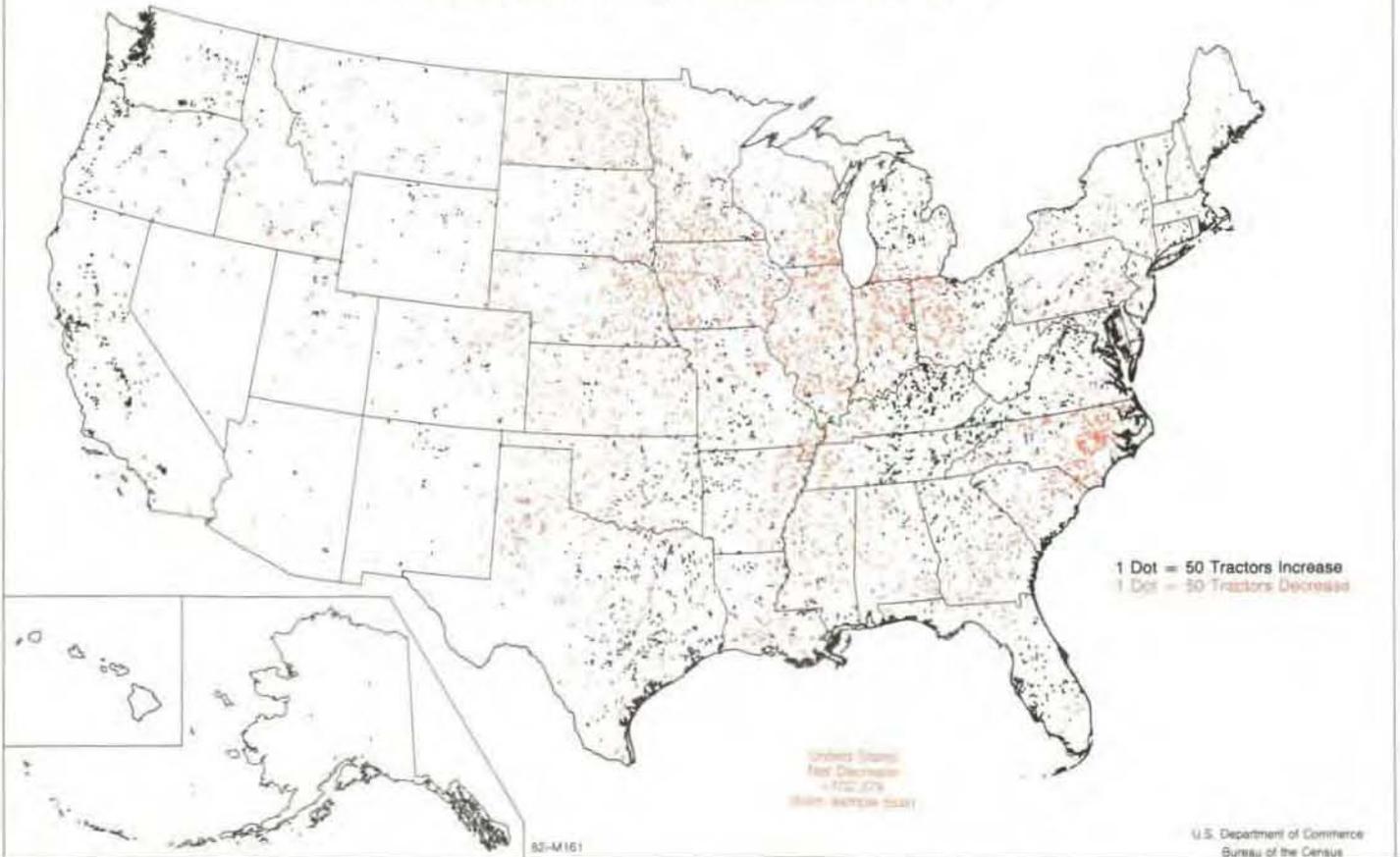
Motortrucks, Including Pickups - Change in Number: 1978 to 1982



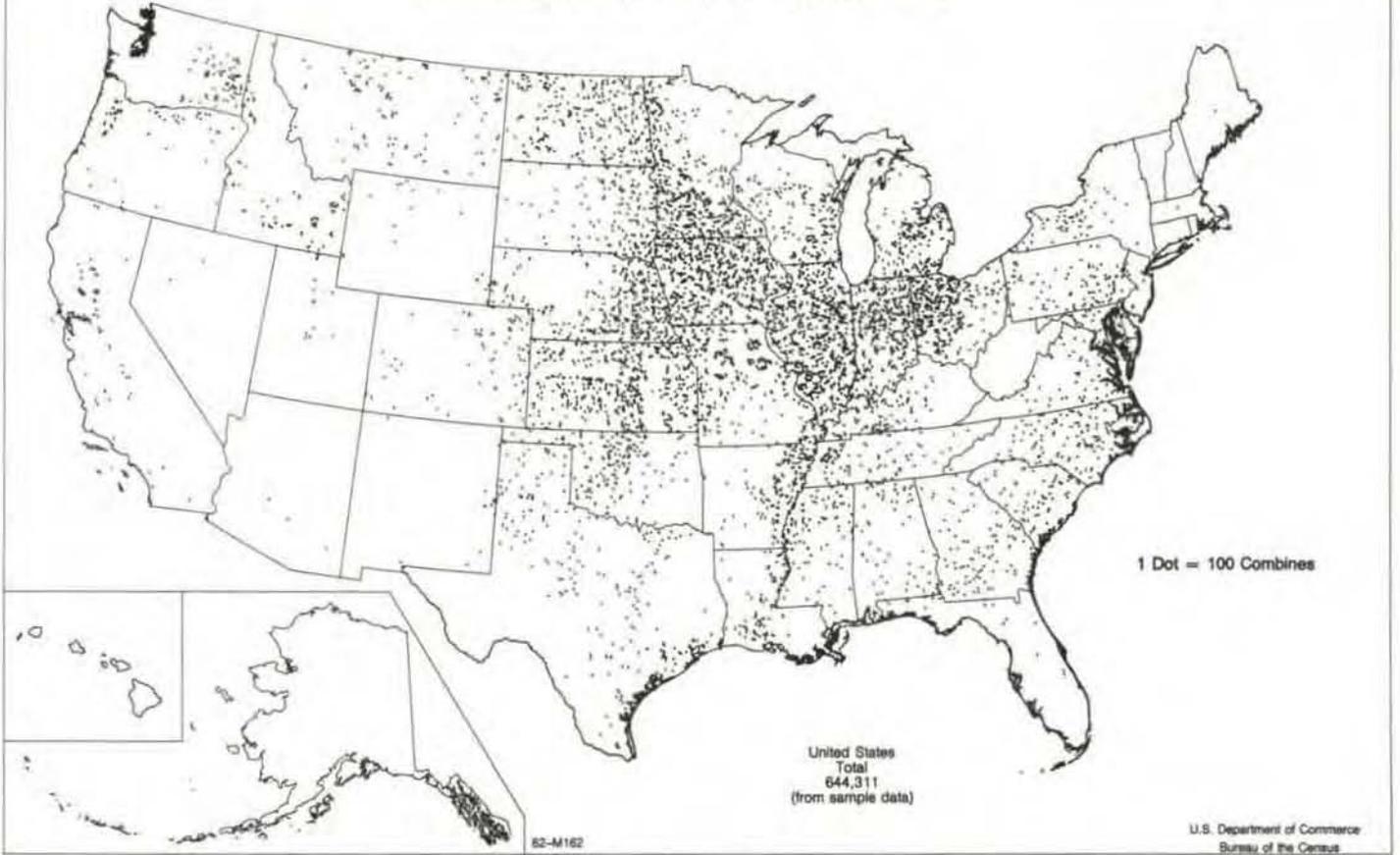
Wheel Tractors: 1982



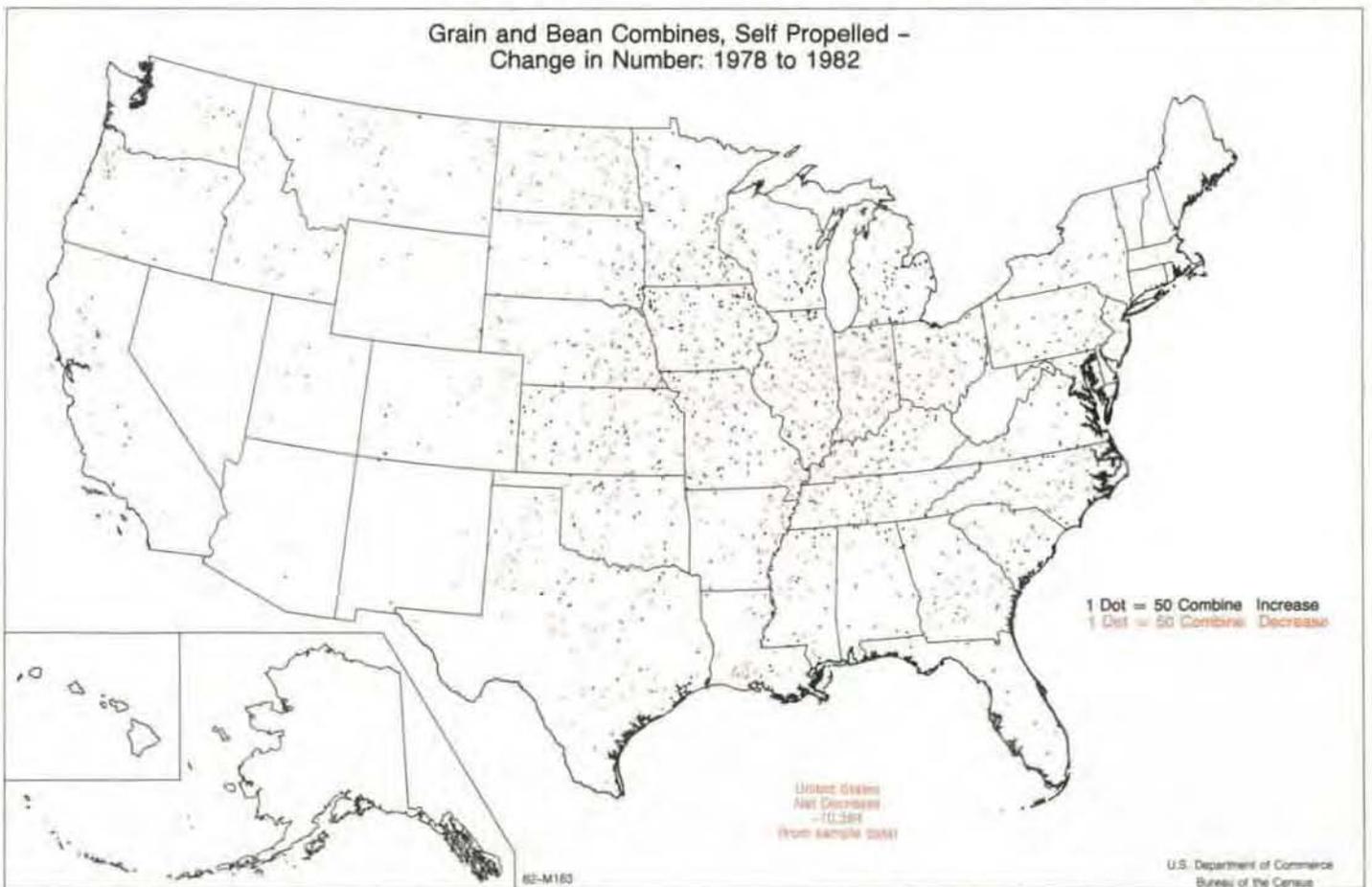
Wheel Tractors - Change in Number: 1978 to 1982



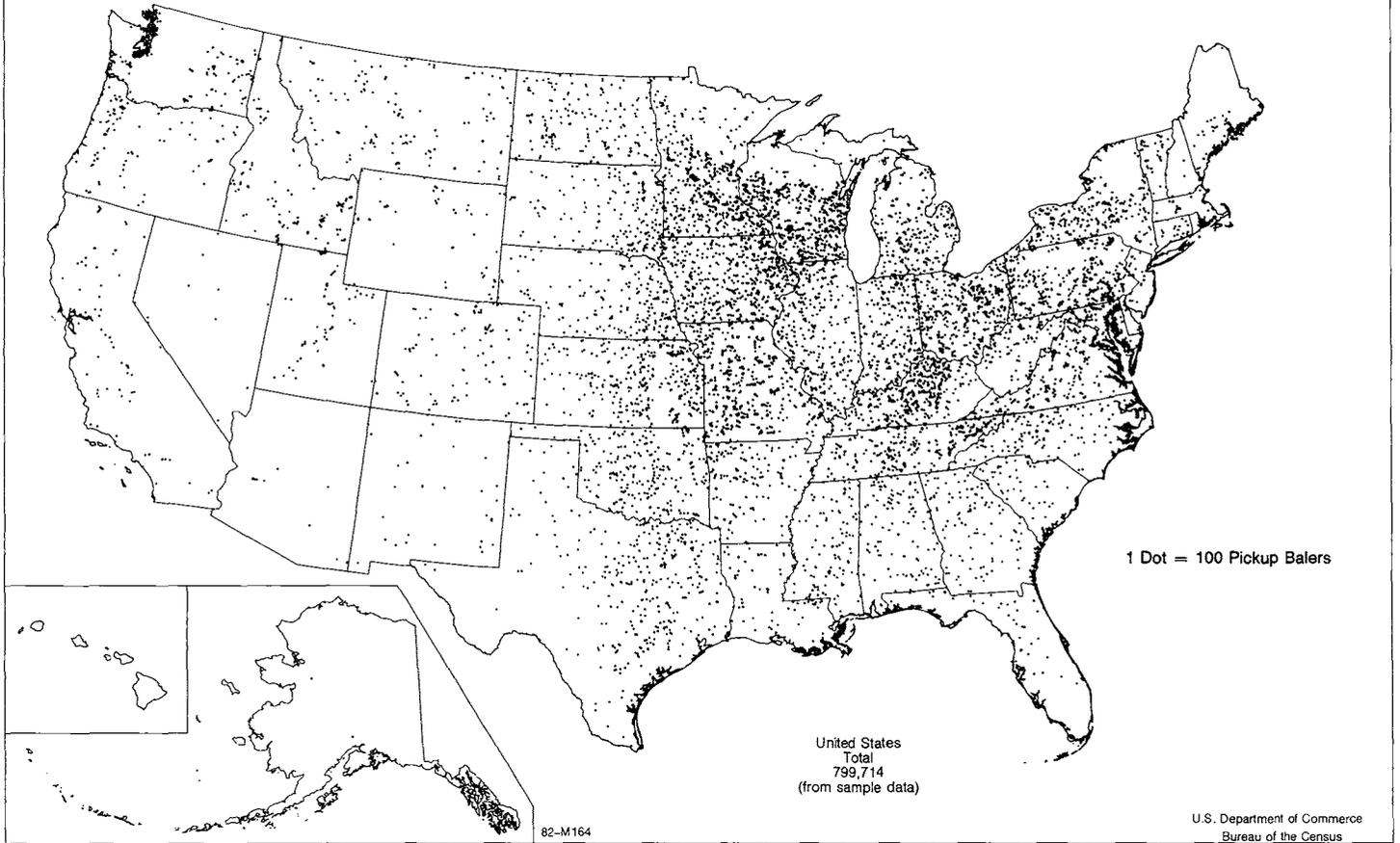
Grain and Bean Combines, Self Propelled: 1982



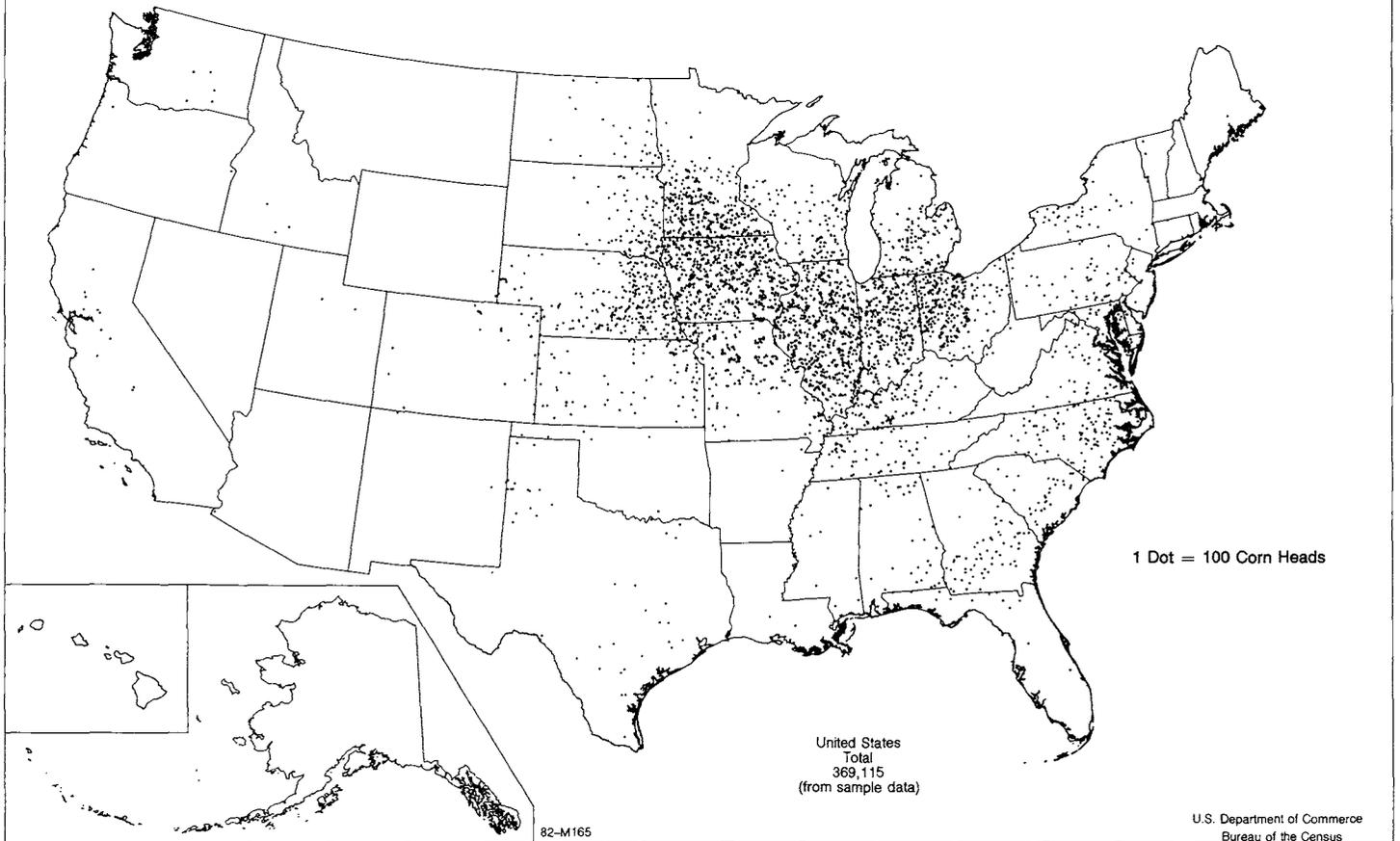
Grain and Bean Combines, Self Propelled - Change in Number: 1978 to 1982



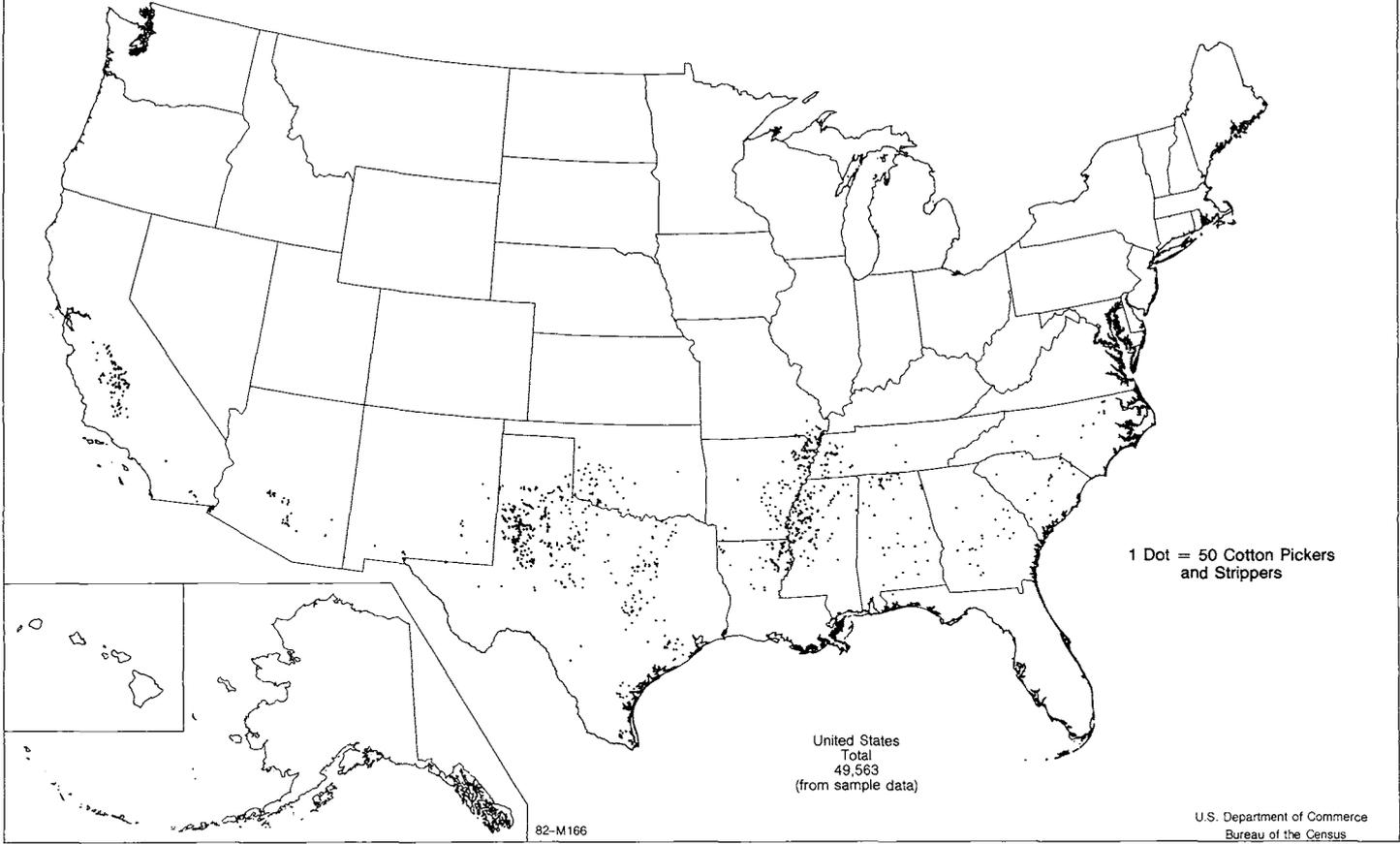
Pickup Balers: 1982

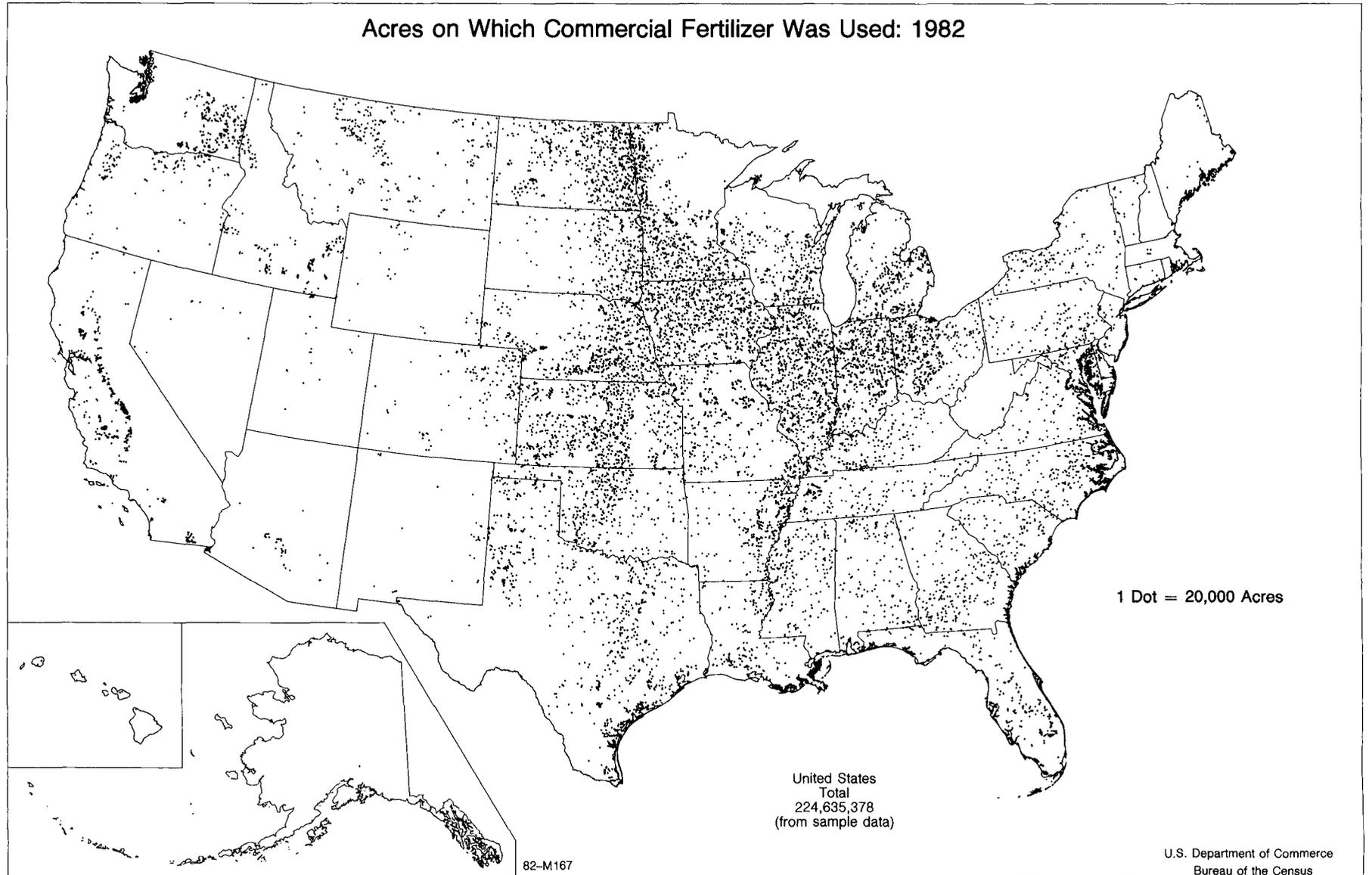


Corn Heads for Combines: 1982

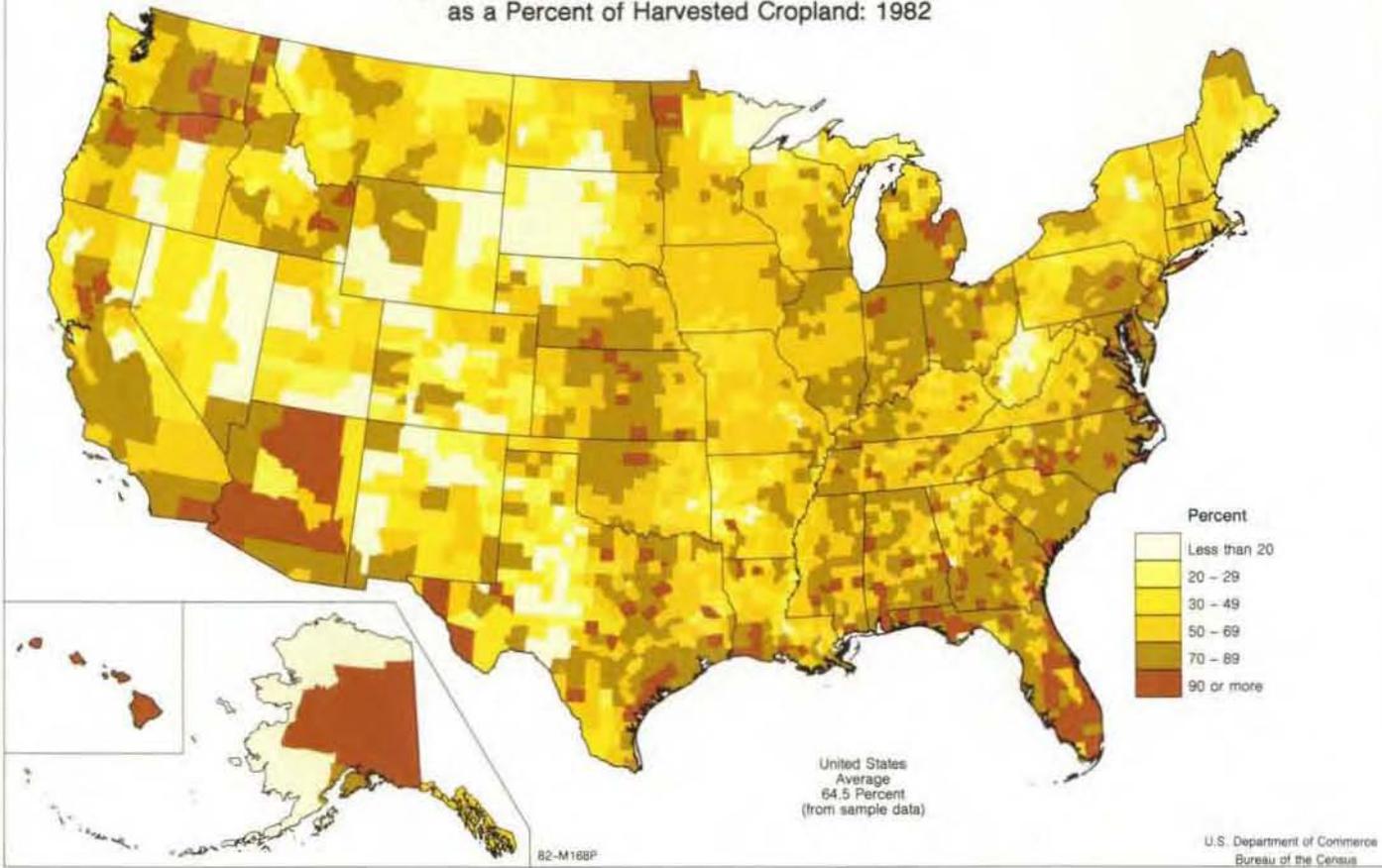


Cottonpickers and Strippers: 1982

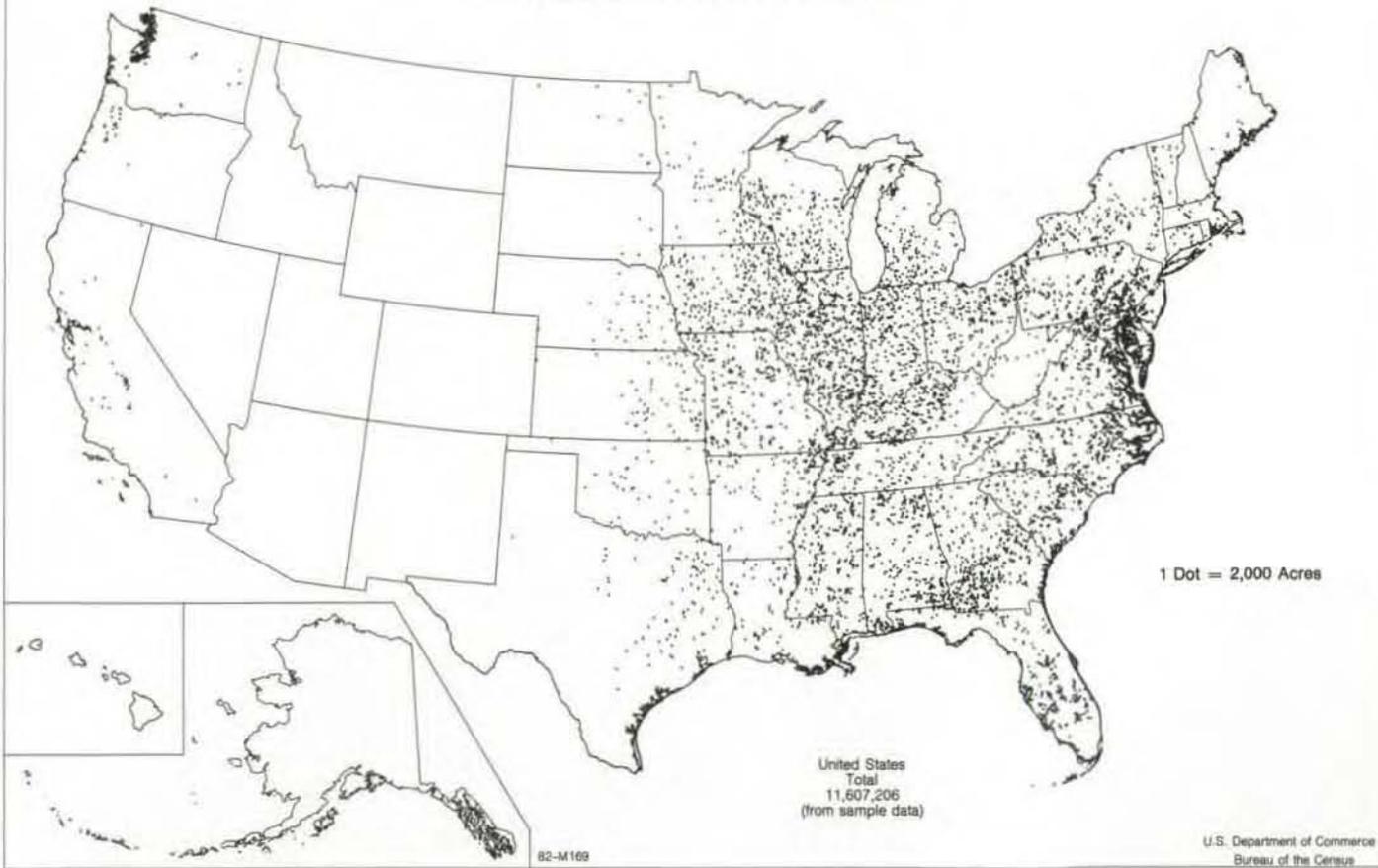




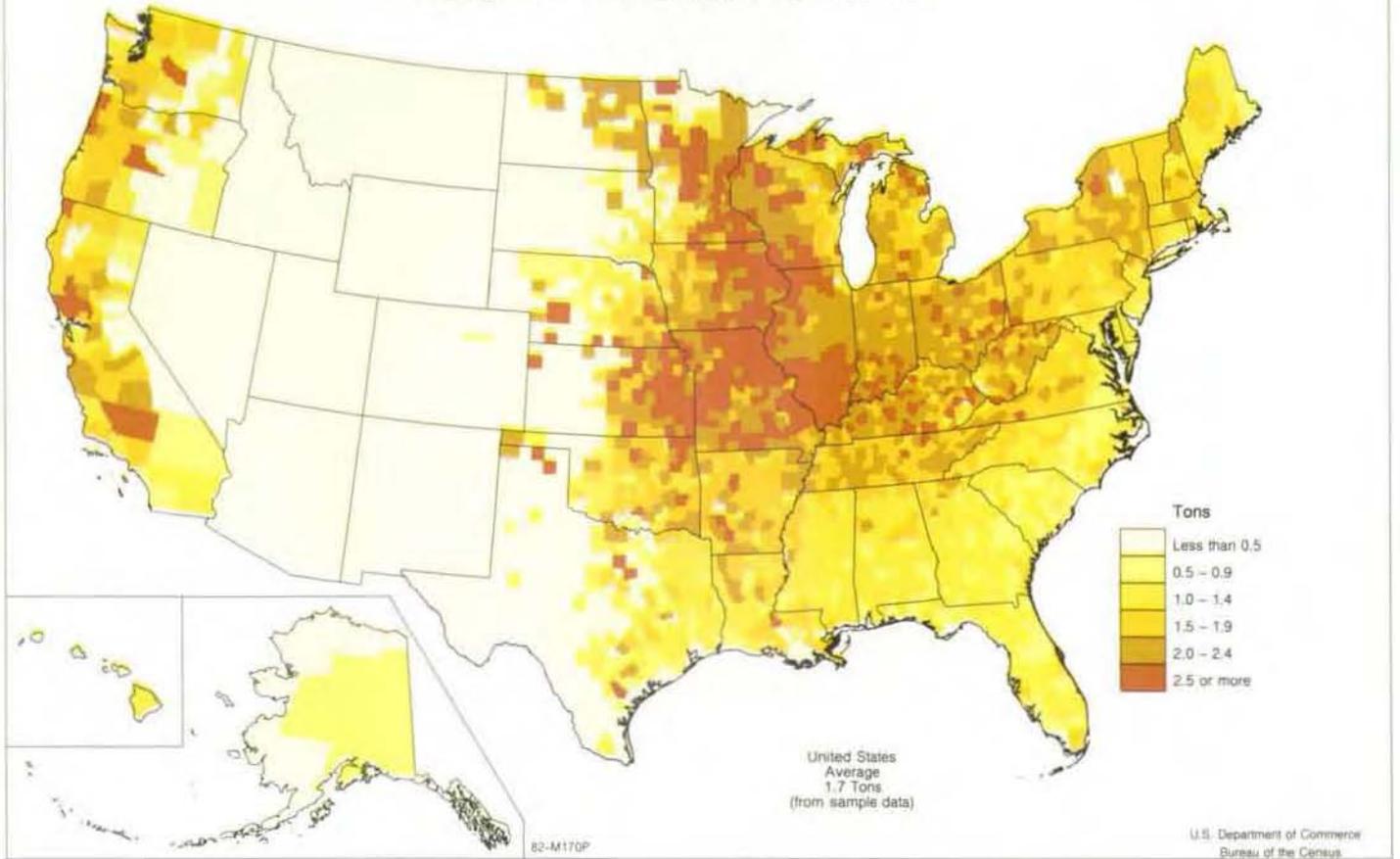
Acres of Cropland, Excluding Pastureland, Fertilized
as a Percent of Harvested Cropland: 1982



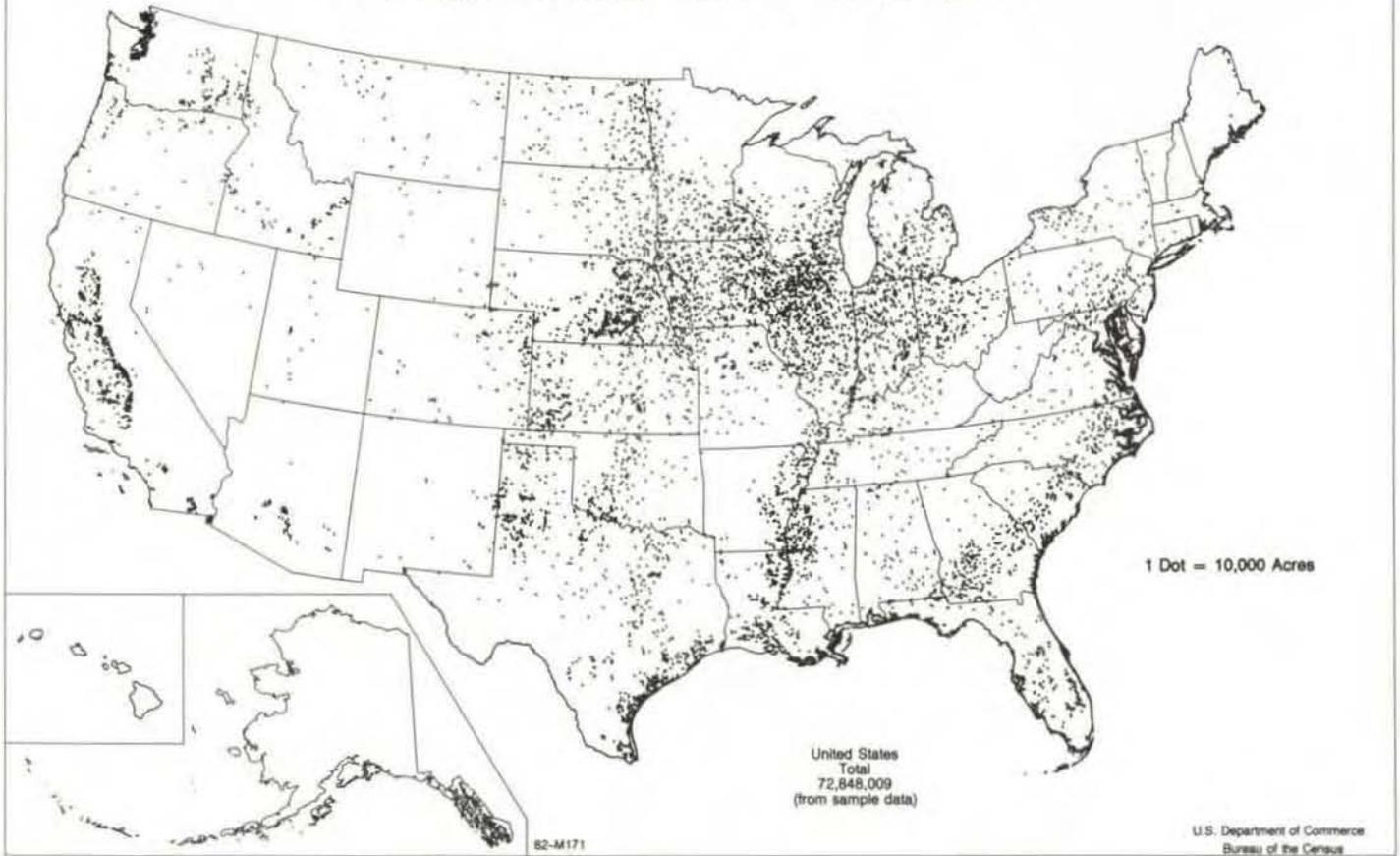
Acres on Which Lime Was Used: 1982



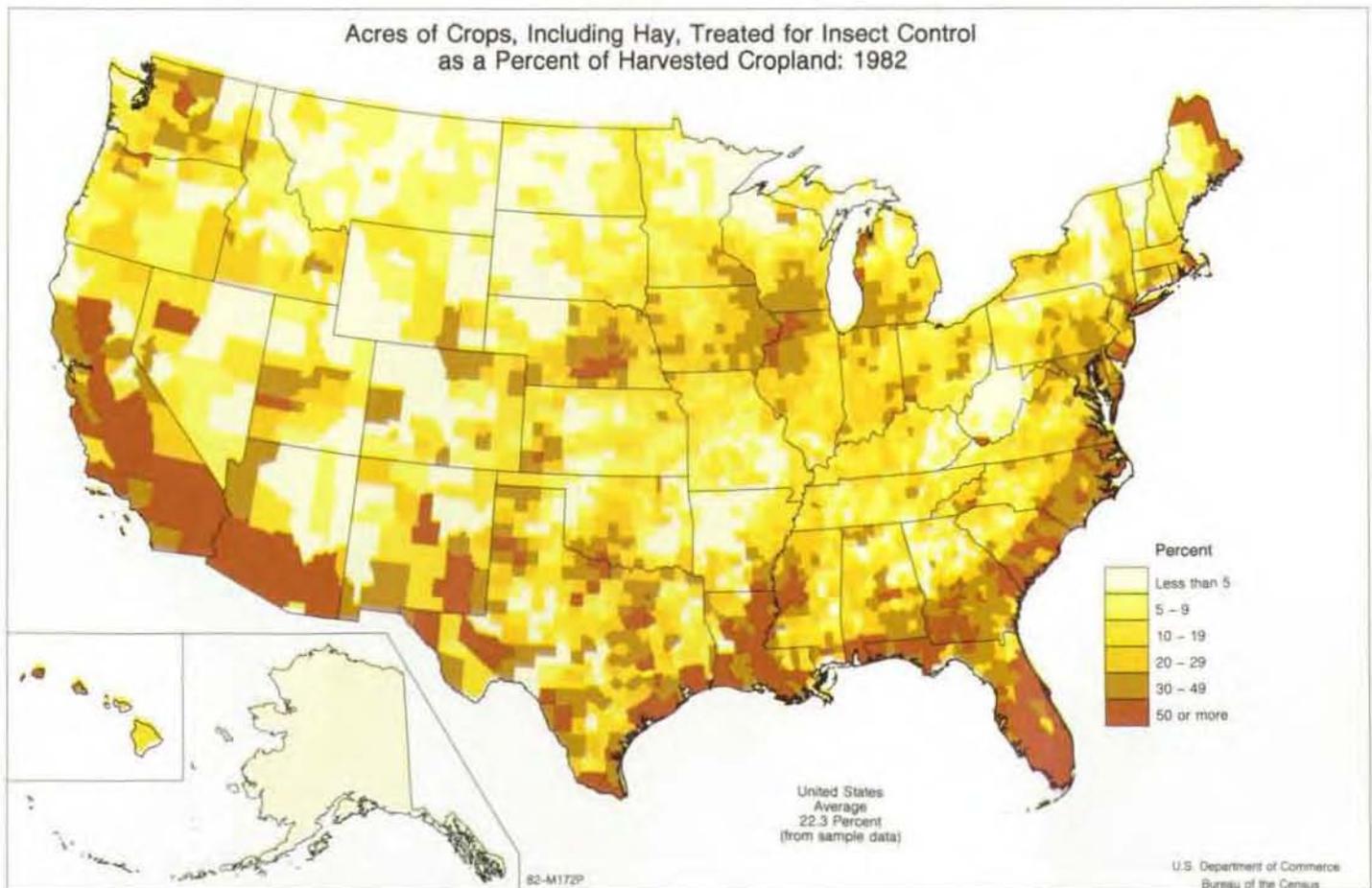
Average Tons of Lime Applied Per Acre: 1982



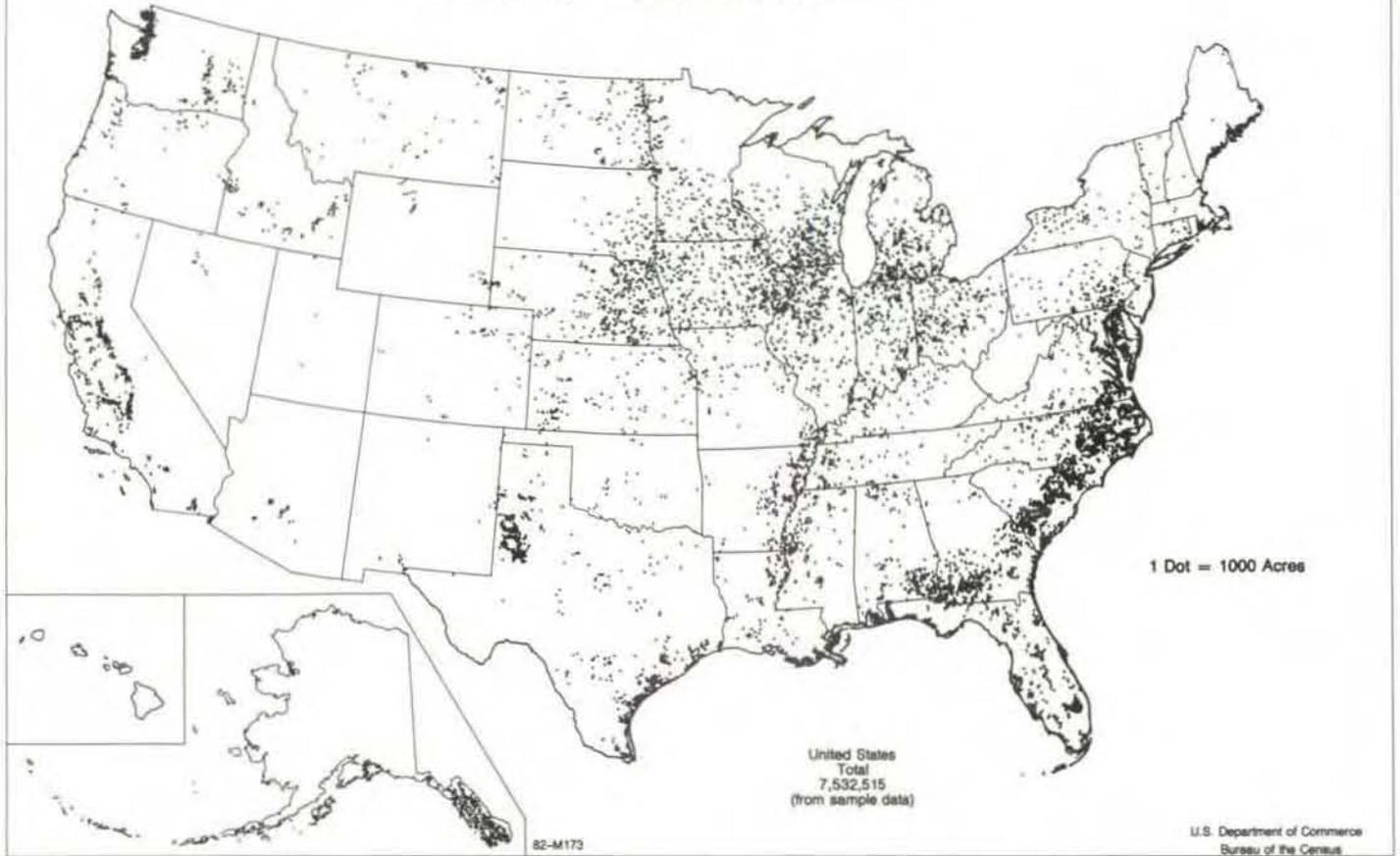
Acres of Crops, Including Hay, Treated for Insect Control: 1982



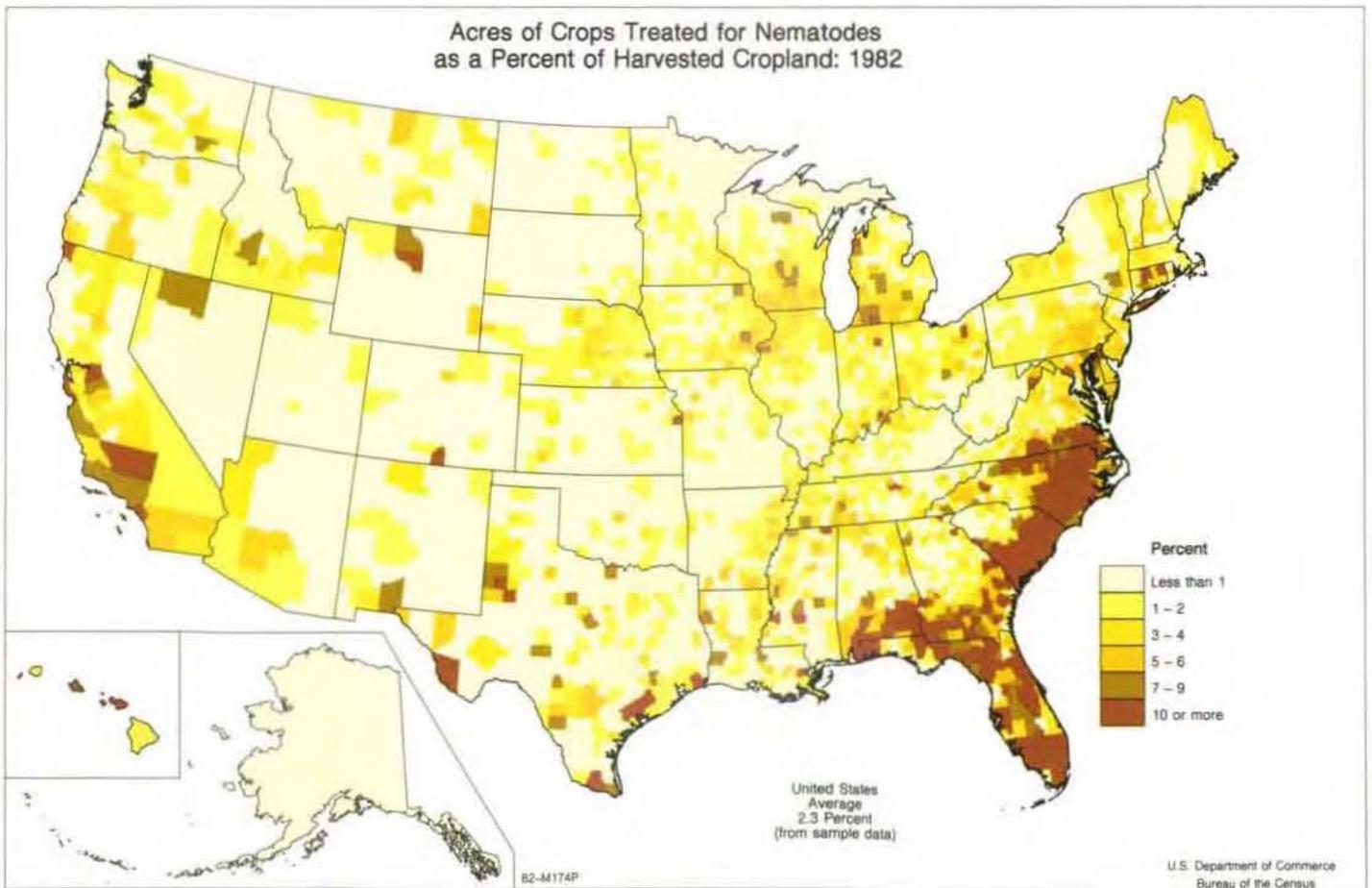
Acres of Crops, Including Hay, Treated for Insect Control
as a Percent of Harvested Cropland: 1982



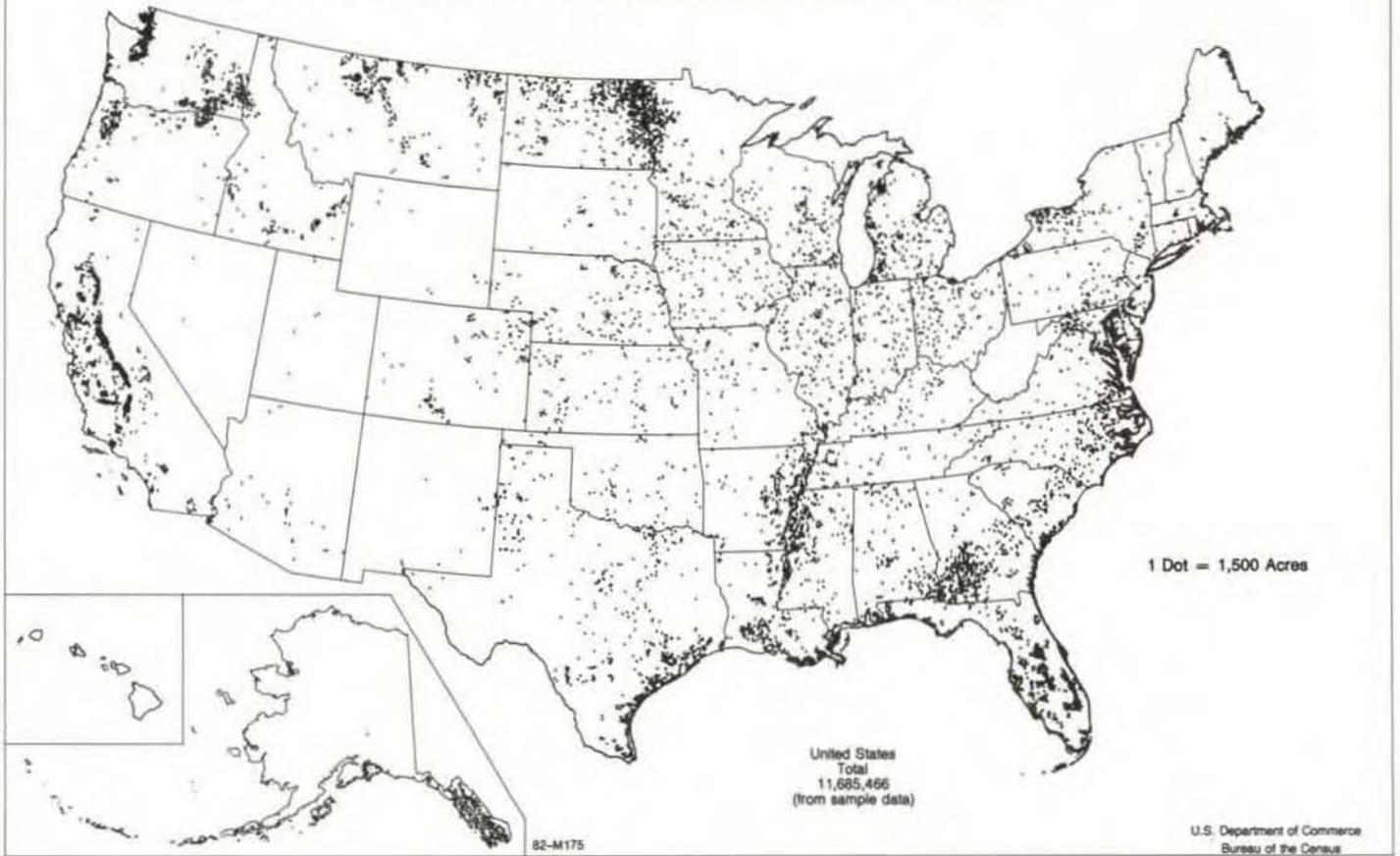
Acres of Crops Treated for Nematodes: 1982



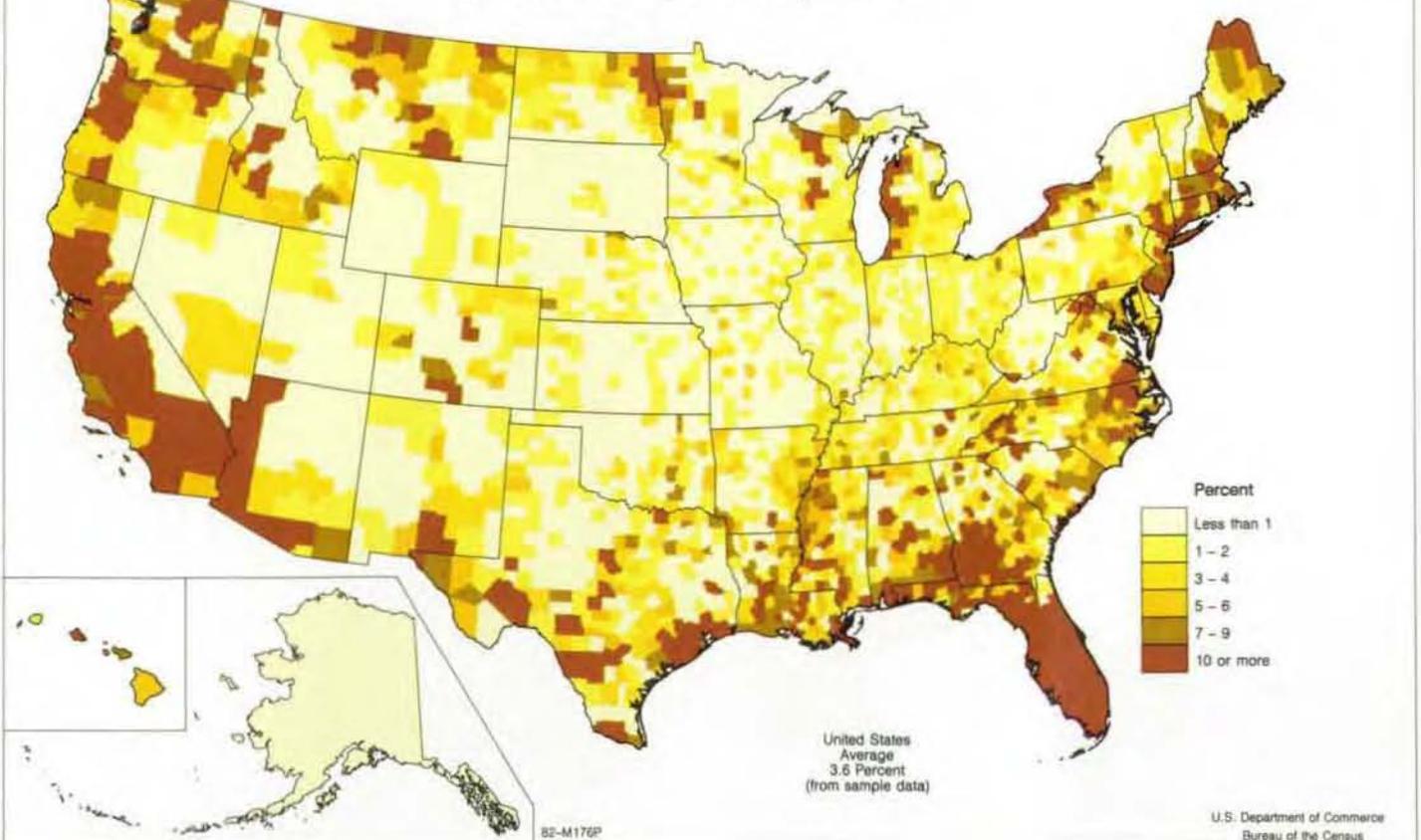
Acres of Crops Treated for Nematodes
as a Percent of Harvested Cropland: 1982



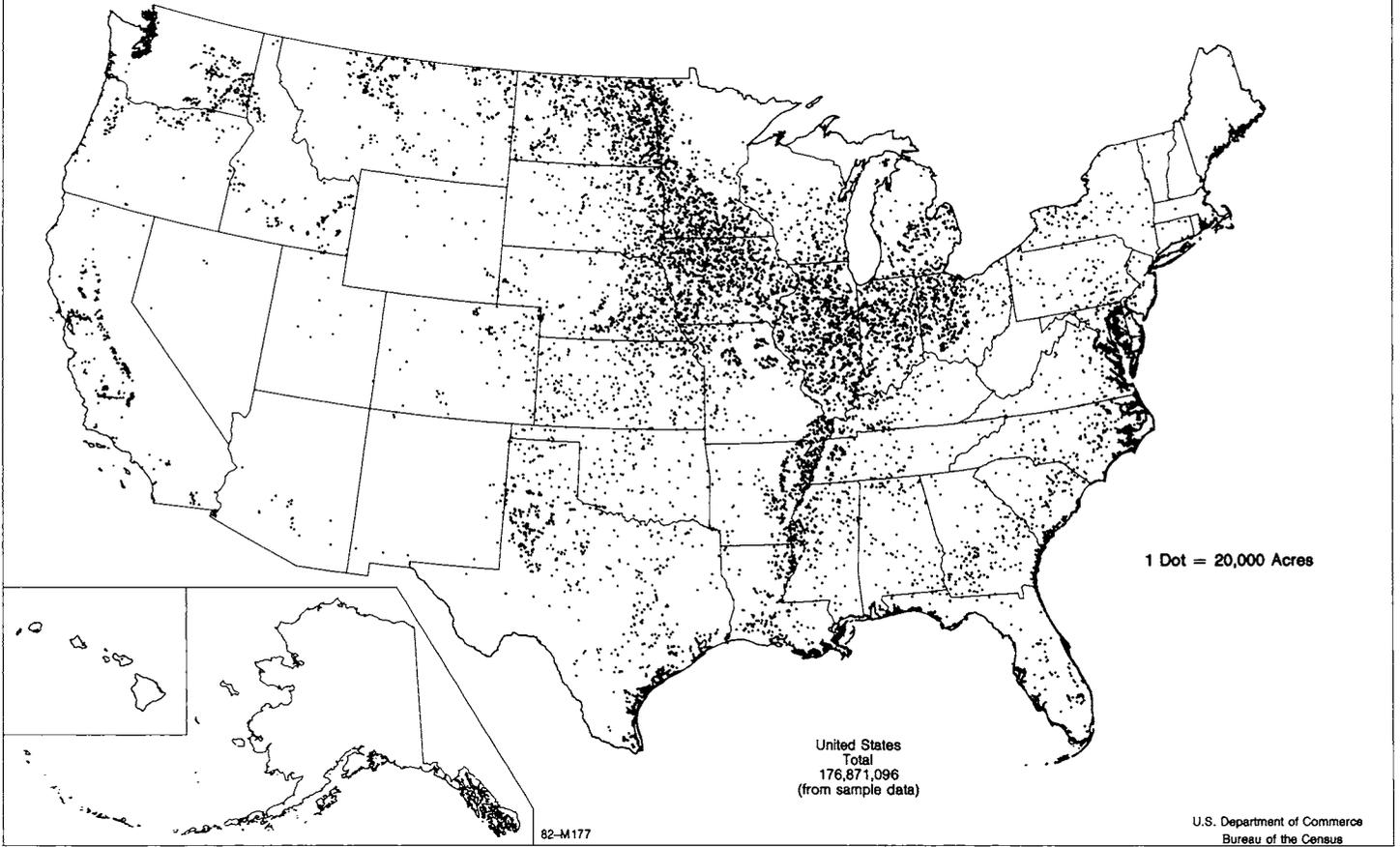
Acres of Crops and Orchards Treated for Disease Control: 1982



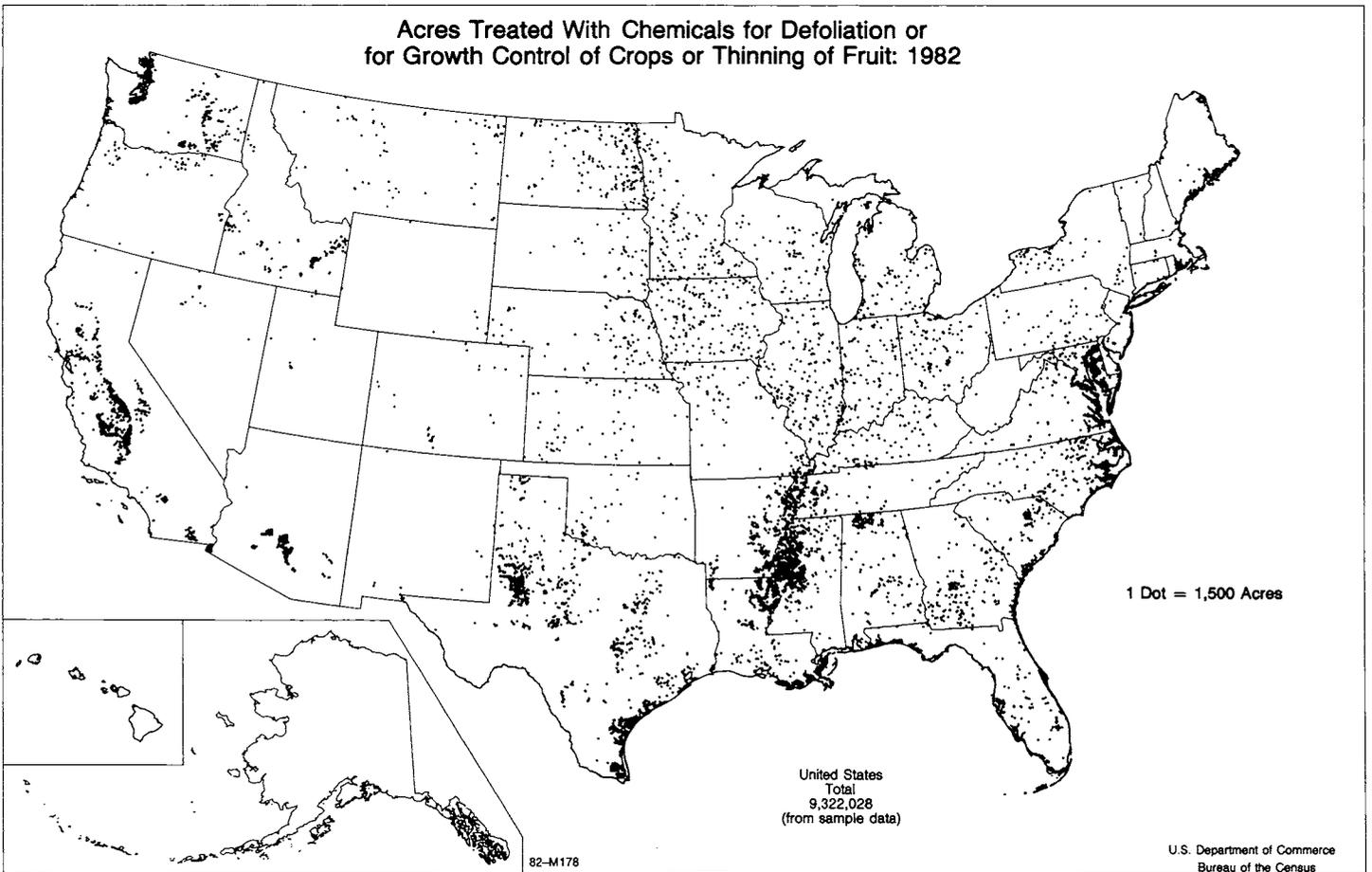
Acres of Crops and Orchards Treated for Disease Control
as a Percent of Harvested Cropland: 1982



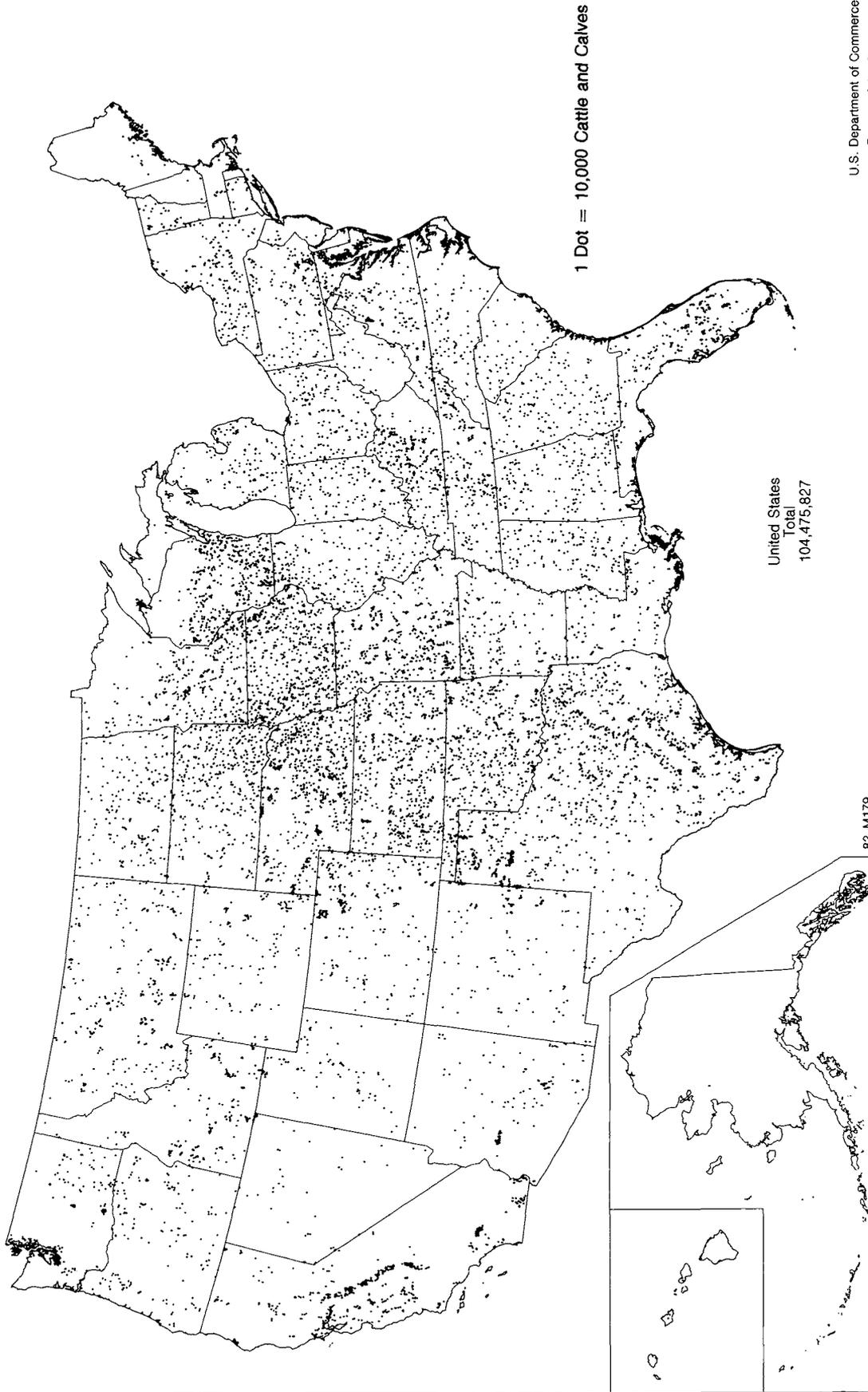
Acres of Land Treated for Weed or Grass Control: 1982



Acres Treated With Chemicals for Defoliation or
for Growth Control of Crops or Thinning of Fruit: 1982

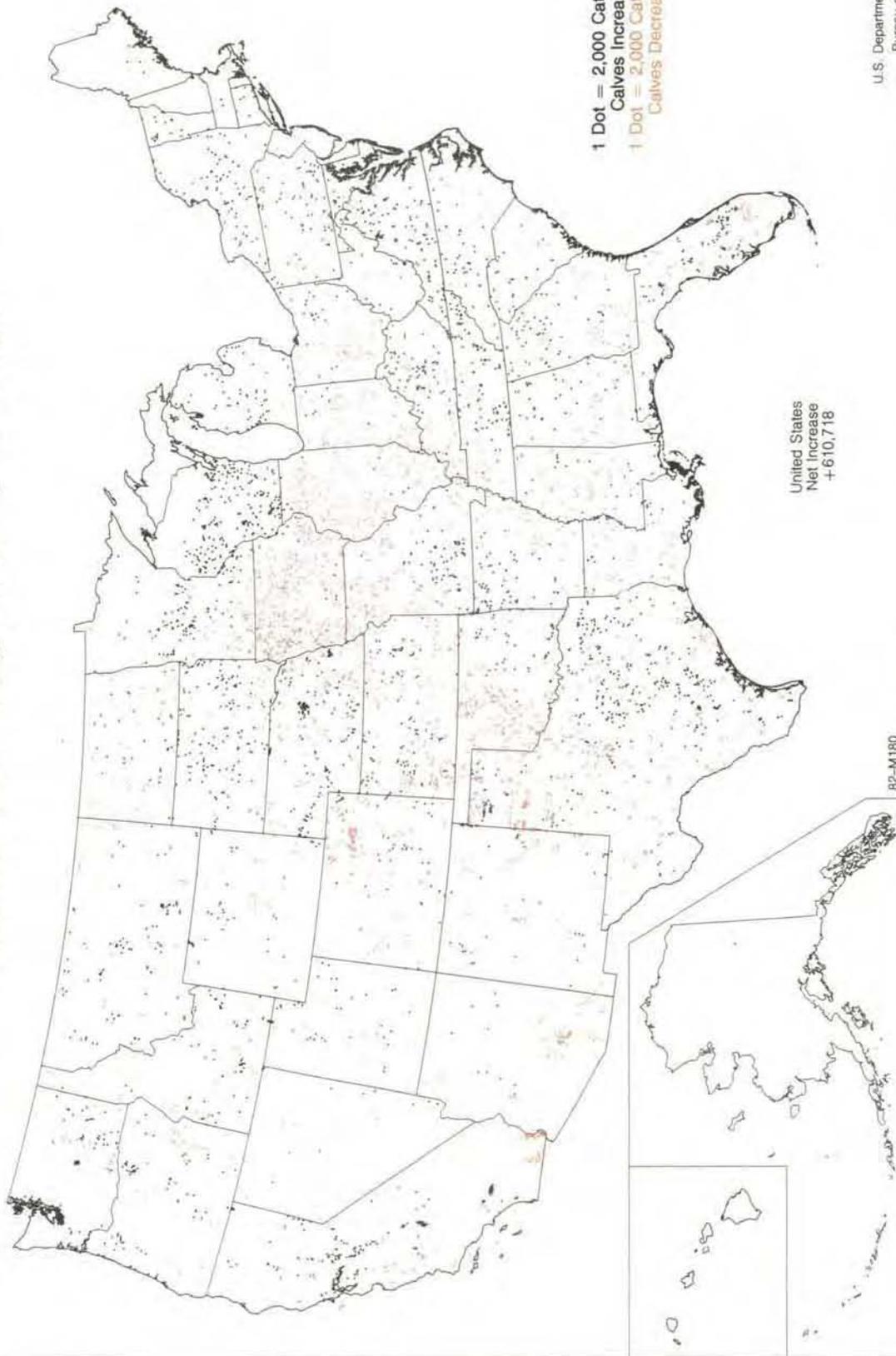


Cattle and Calves - Inventory: 1982

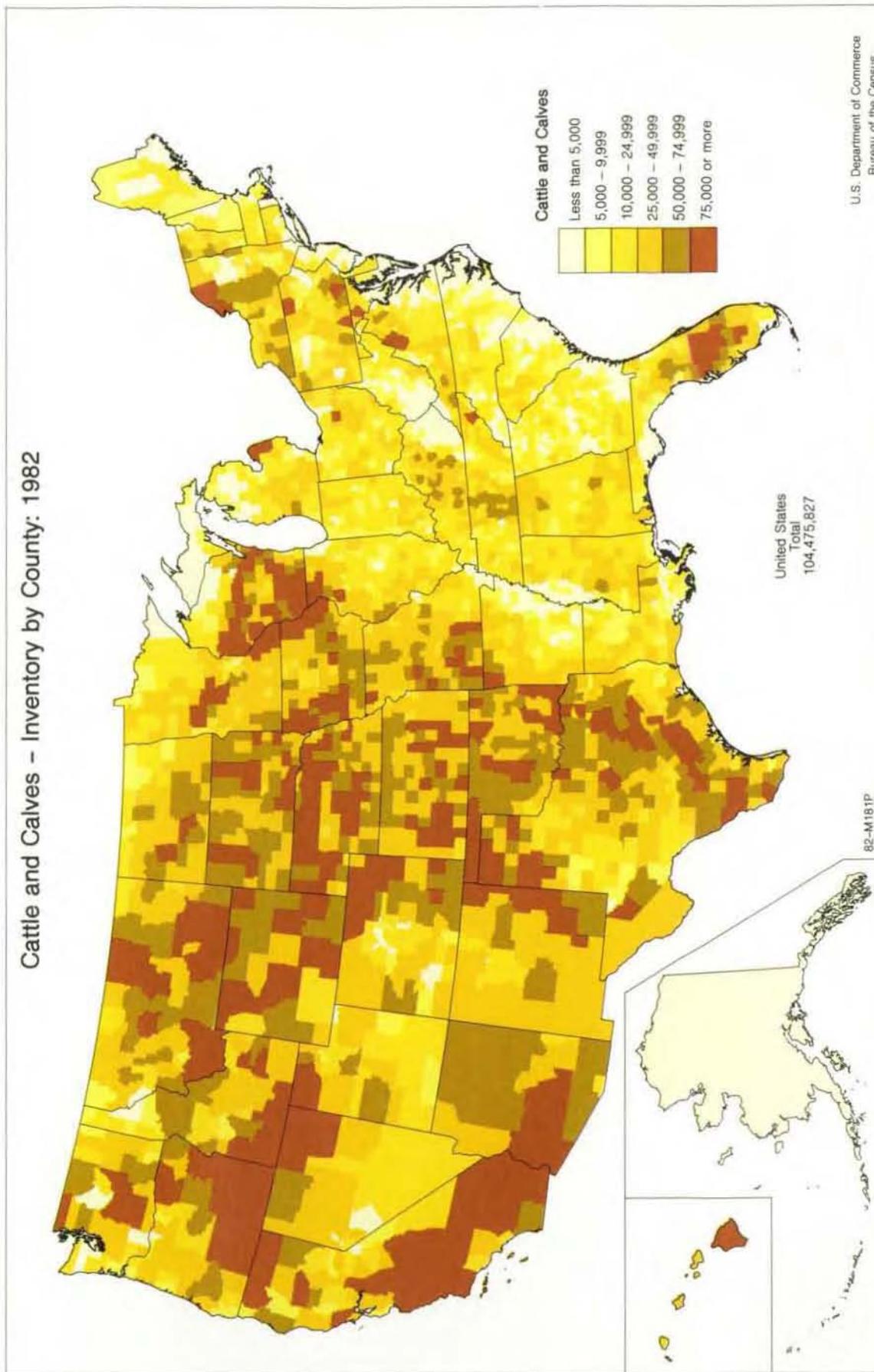


U.S. Department of Commerce
Bureau of the Census

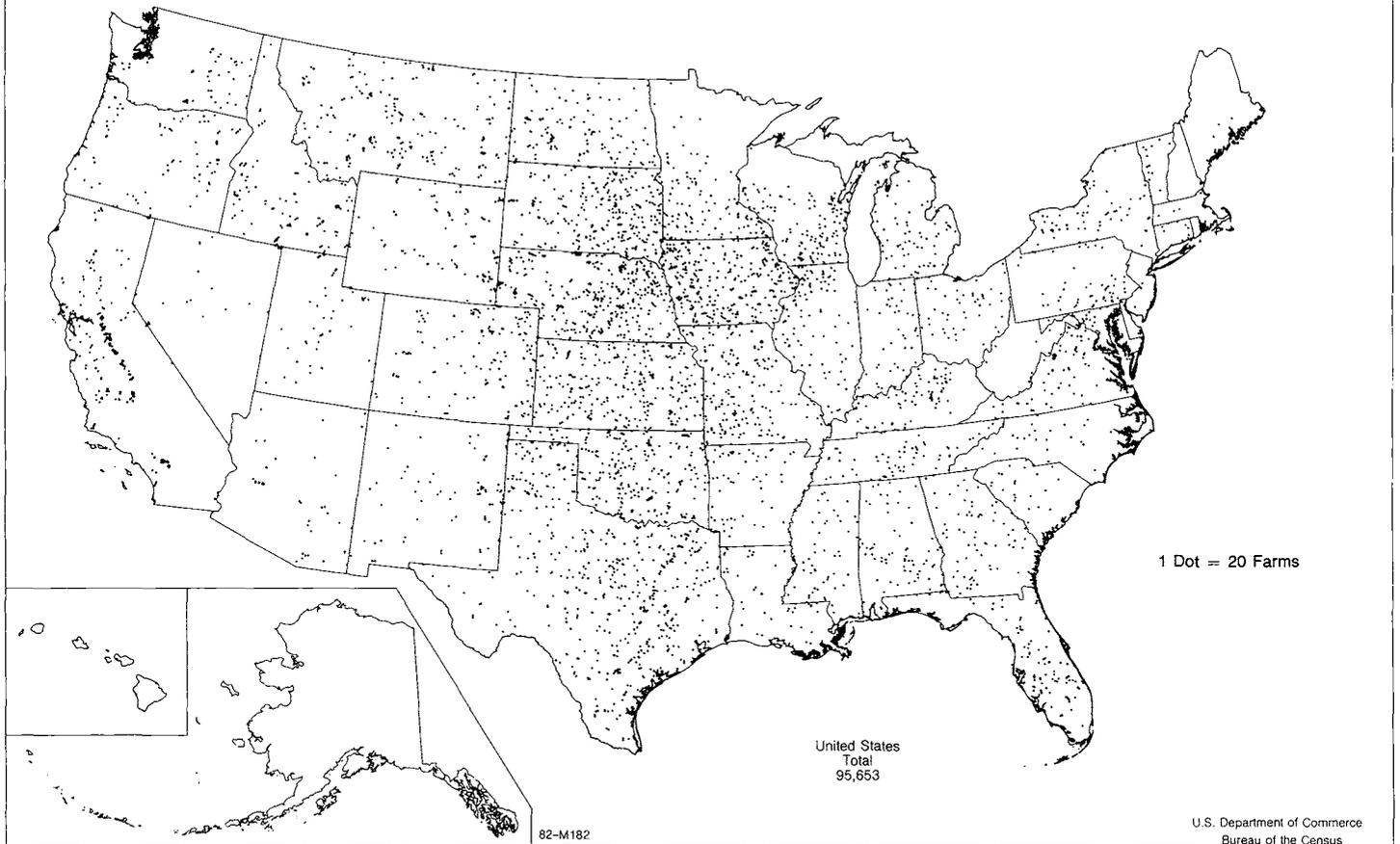
Cattle and Calves - Change in Inventory: 1978 to 1982



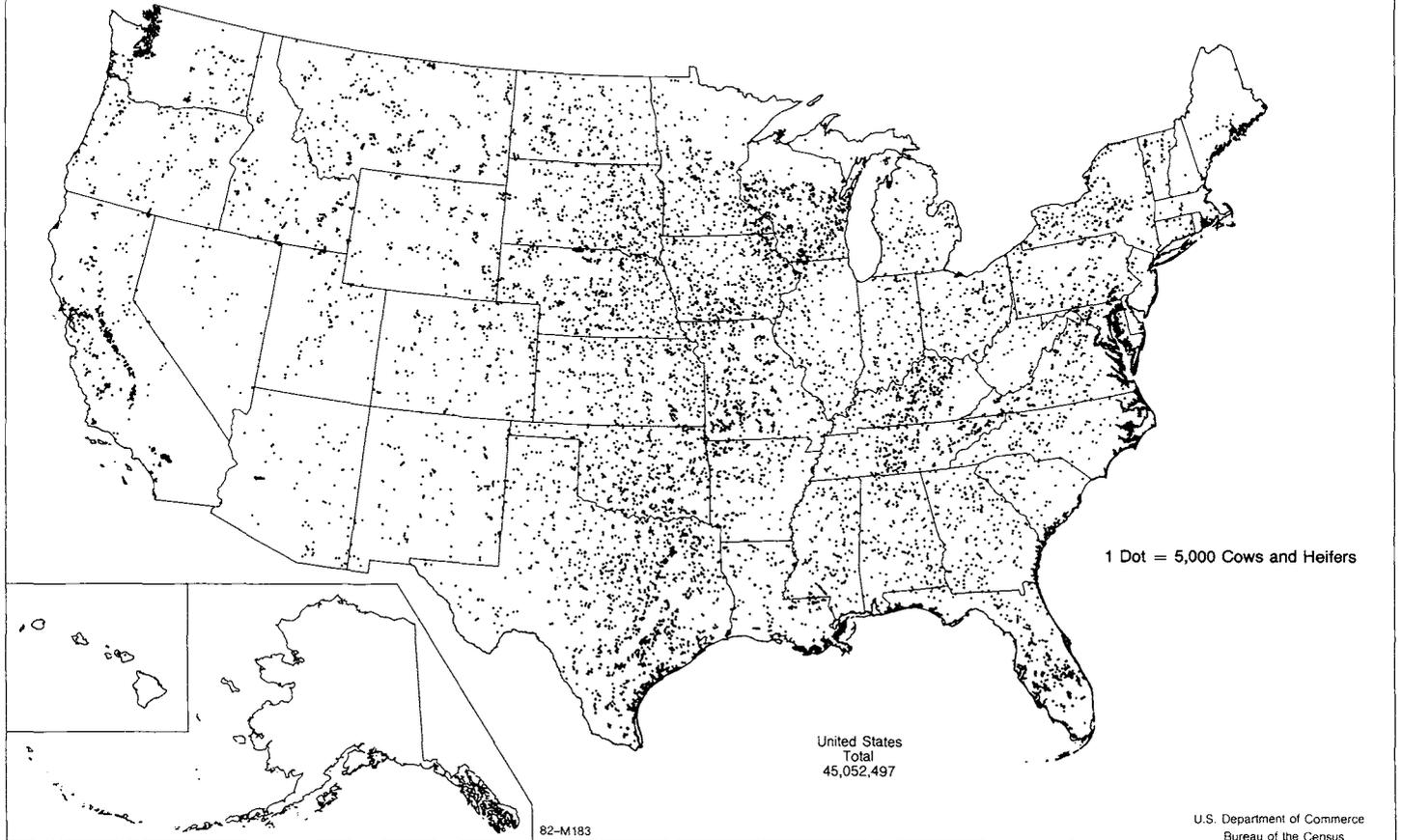
Cattle and Calves - Inventory by County: 1982



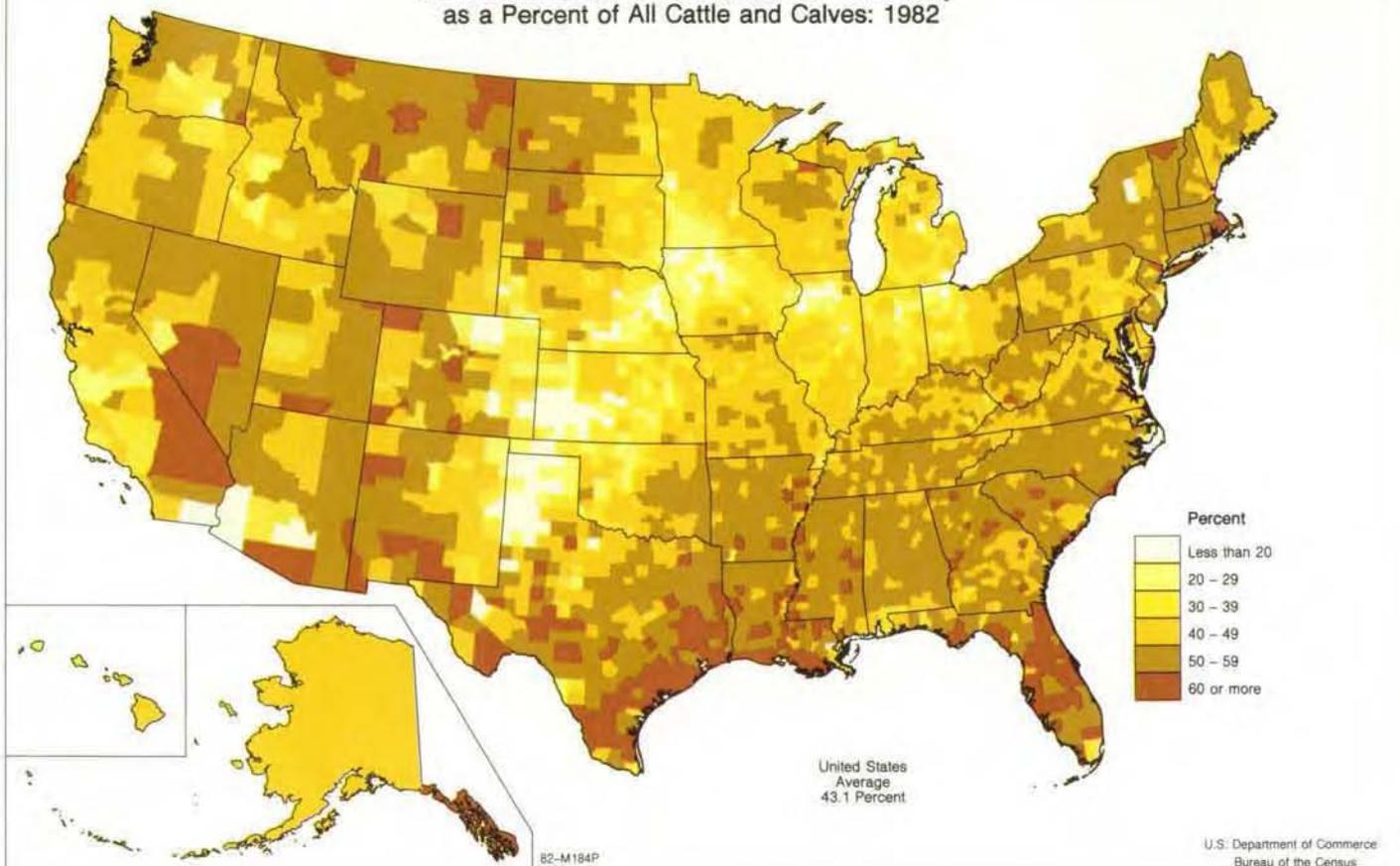
Farms With 200 Cattle and Calves or More: 1982



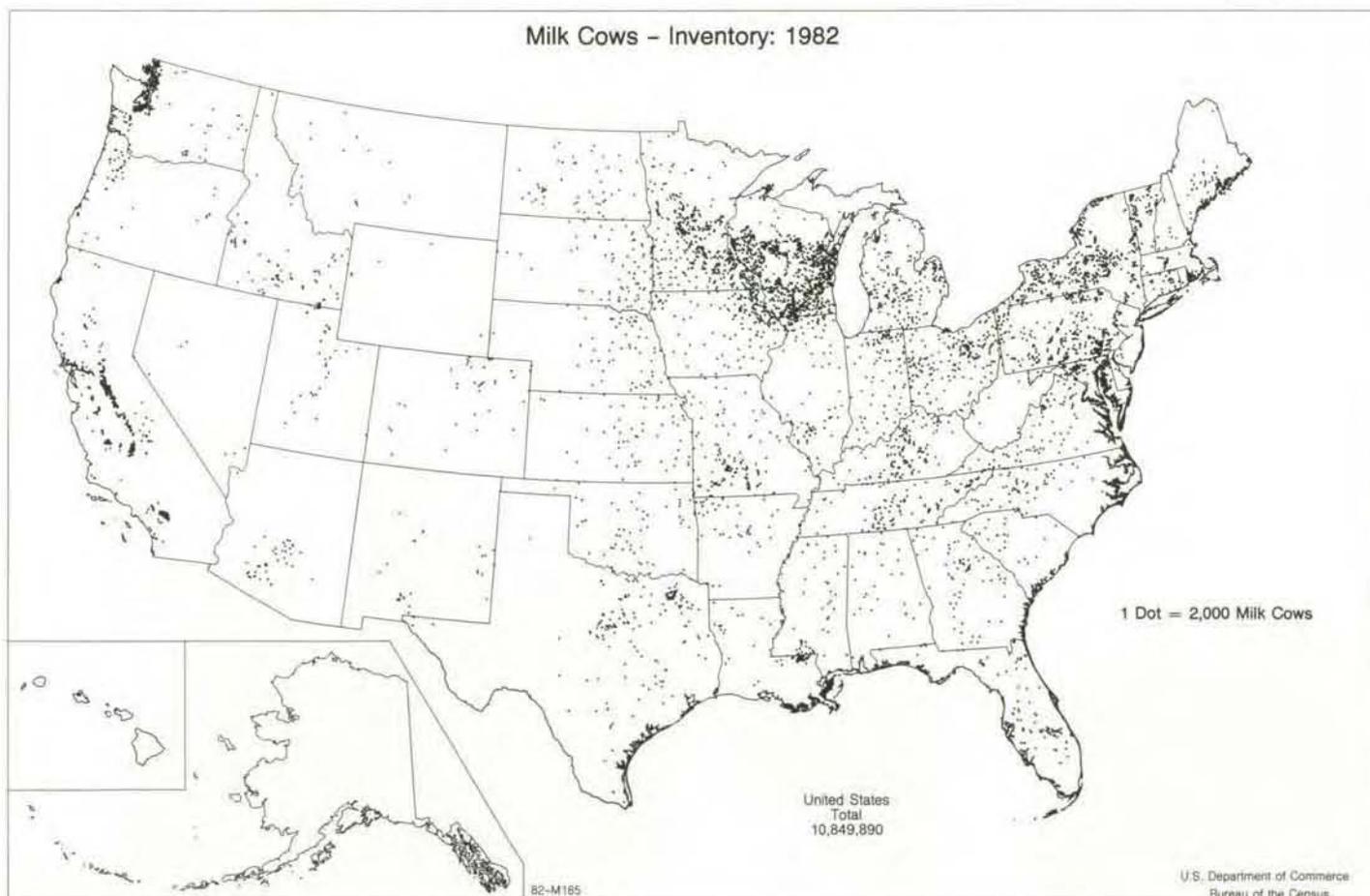
Cows and Heifers That Had Calved - Inventory: 1982



Cows and Heifers That Had Calved - Inventory
as a Percent of All Cattle and Calves: 1982



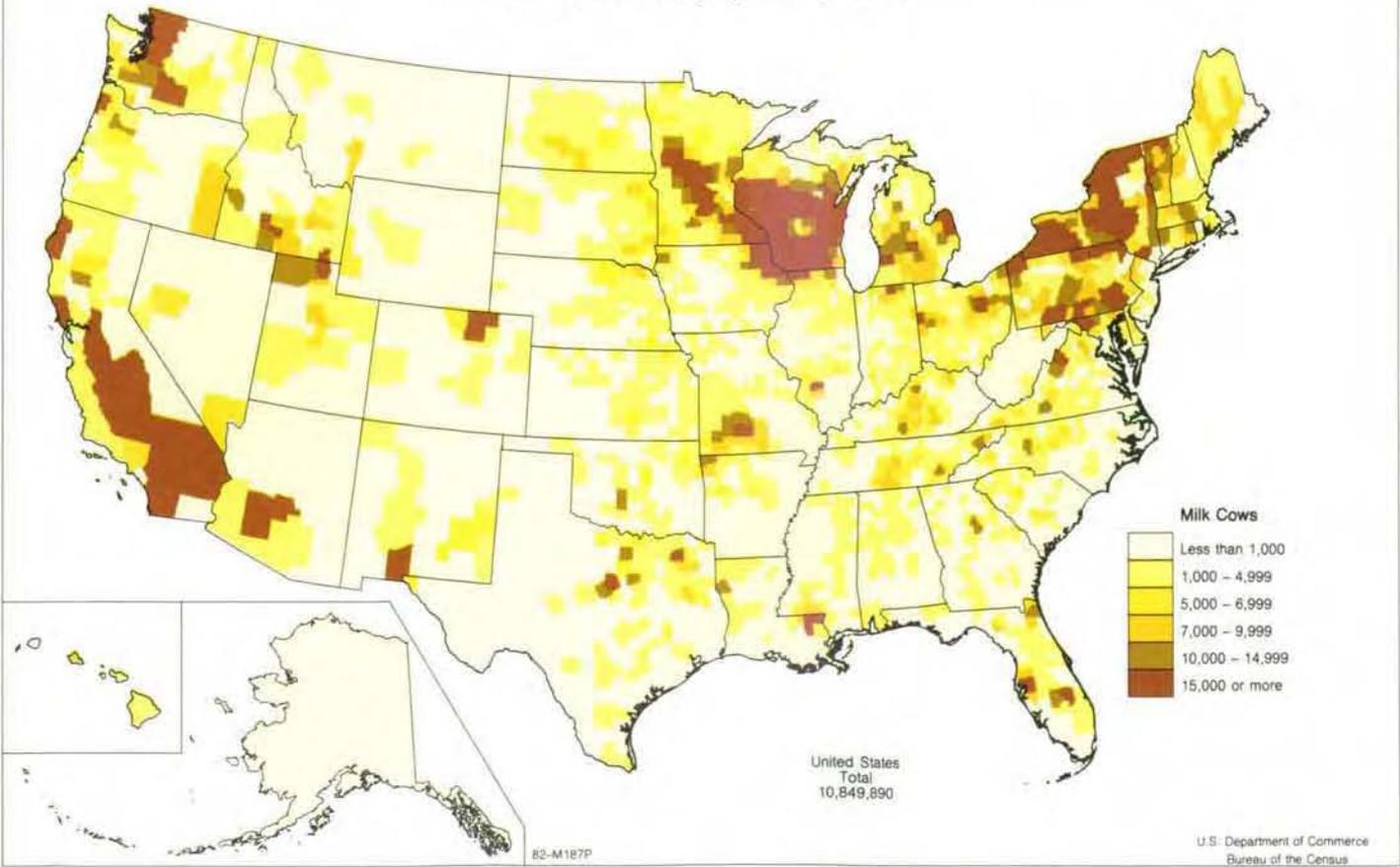
Milk Cows - Inventory: 1982



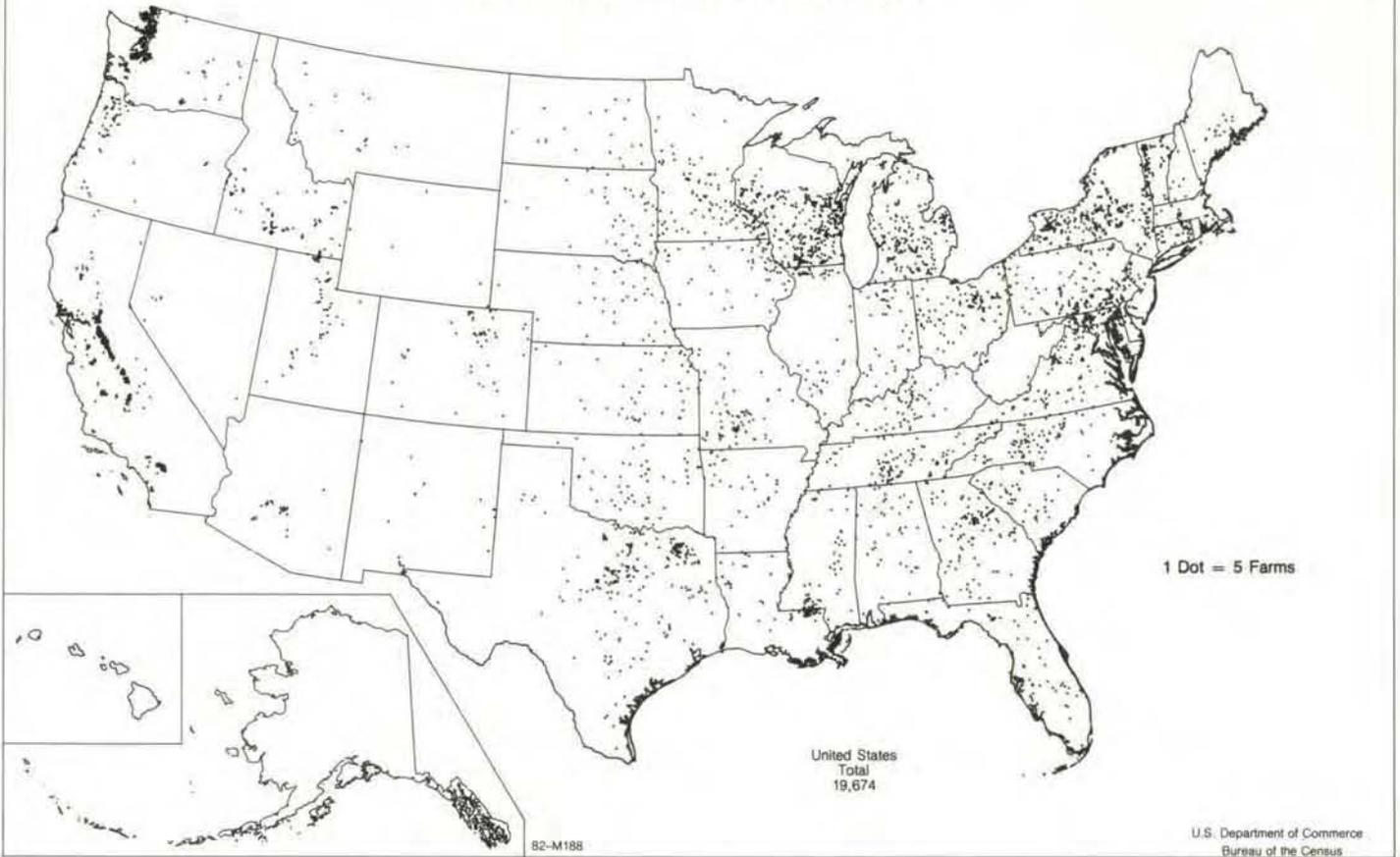
Milk Cows - Change in Inventory: 1978 to 1982



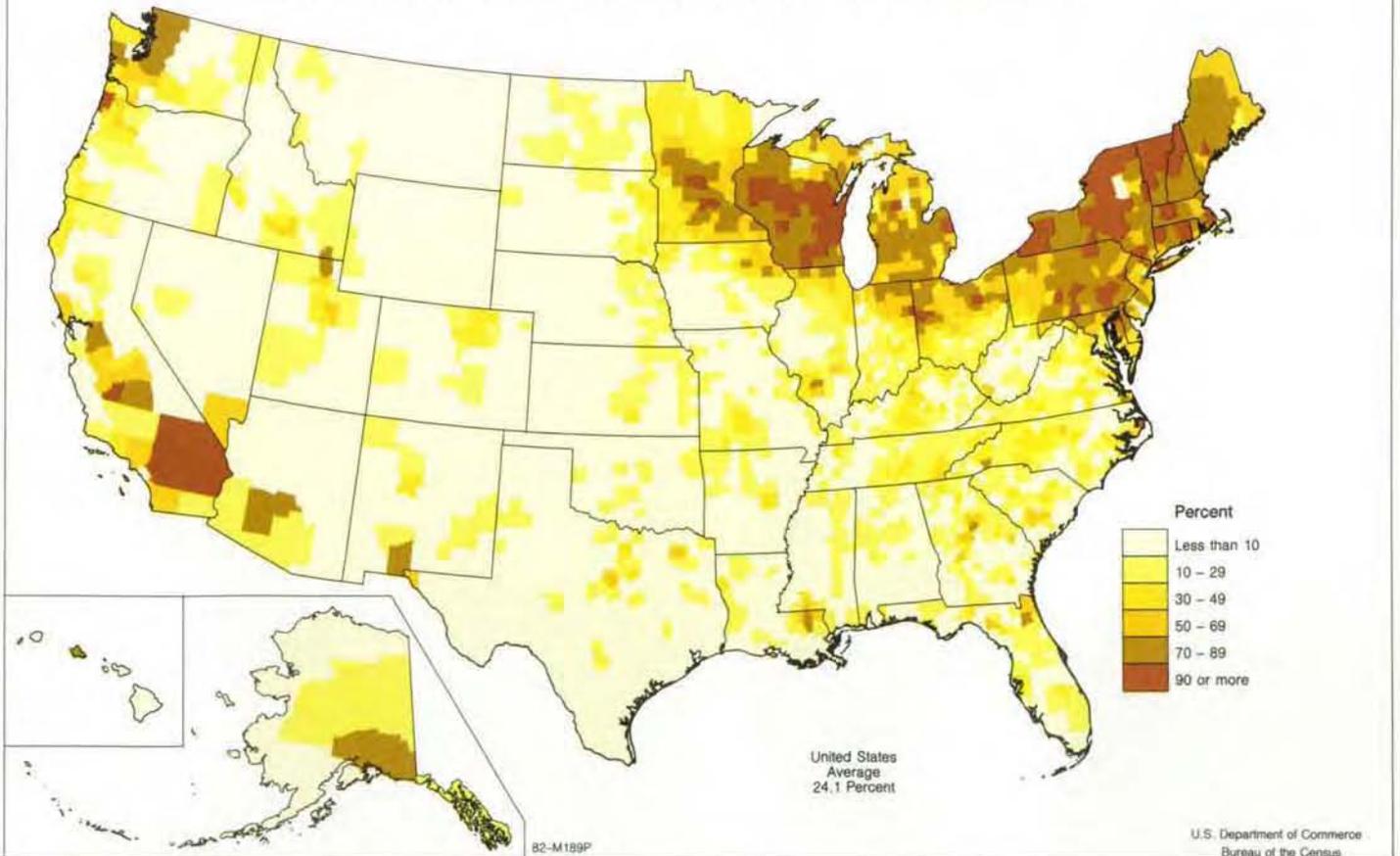
Milk Cows - Inventory by County: 1982



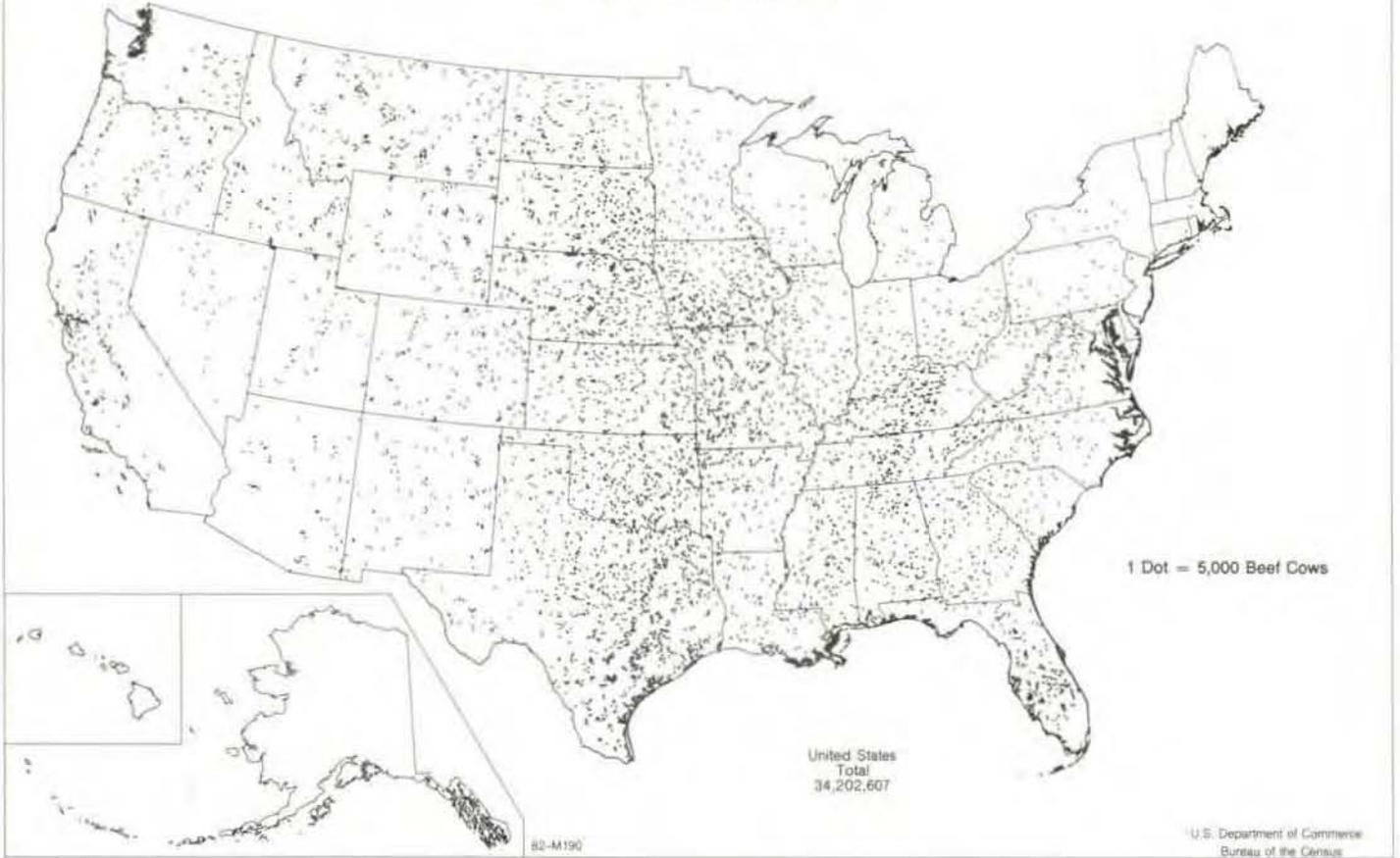
Farms With 100 Milk Cows or More: 1982



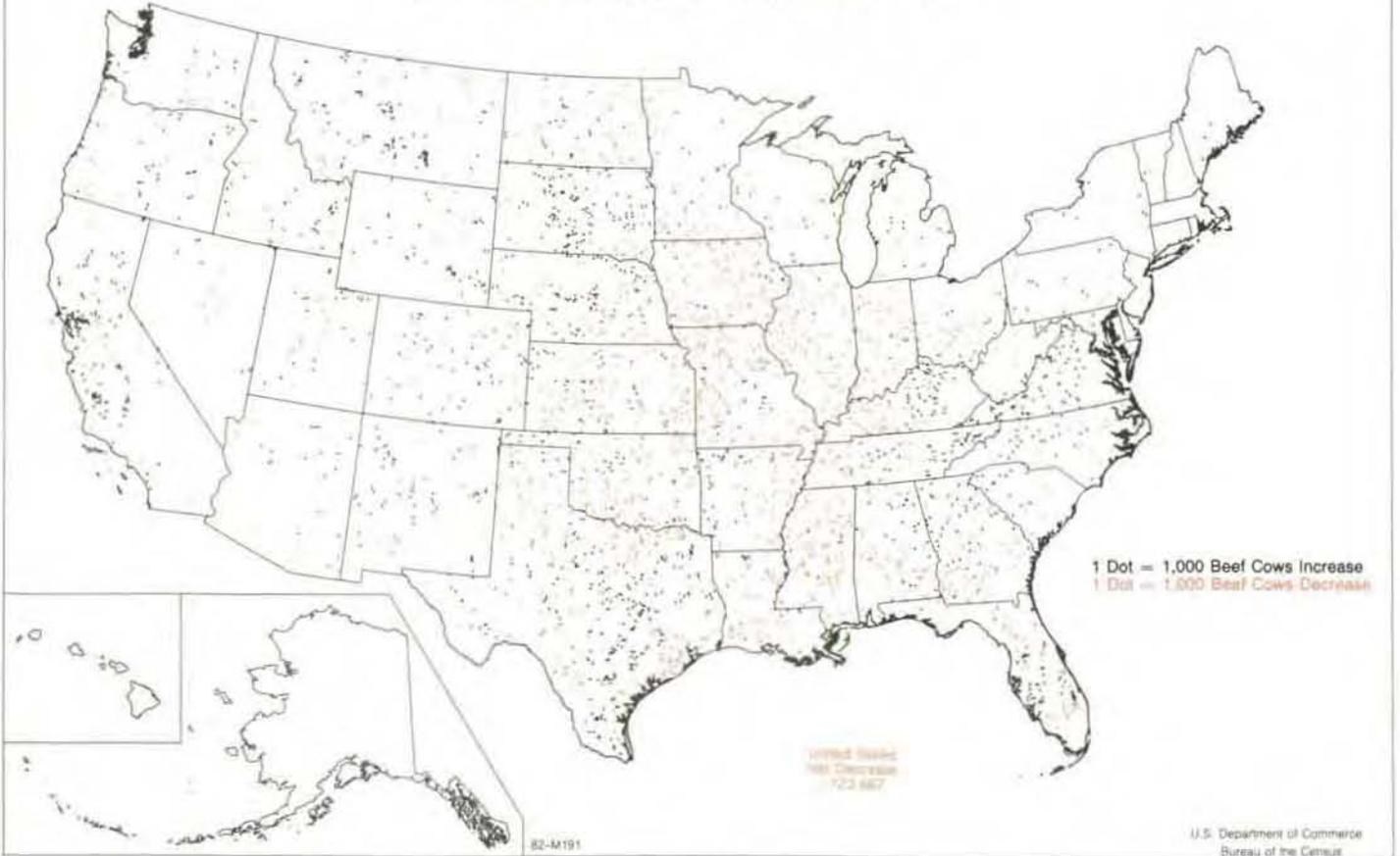
Milk Cows as a Percent of All Cows and Heifers That Had Calved: 1982



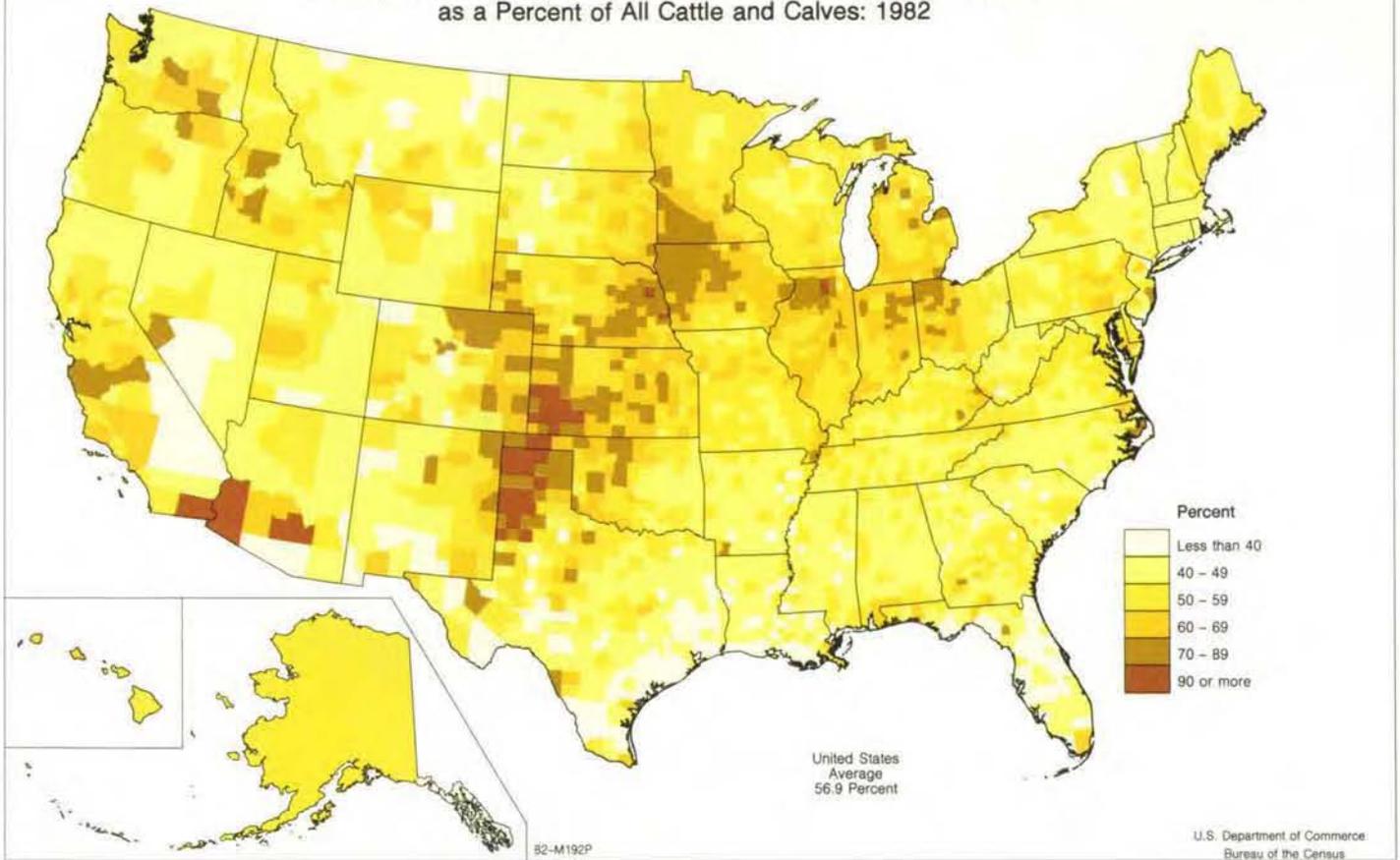
Beef Cows - Inventory: 1982



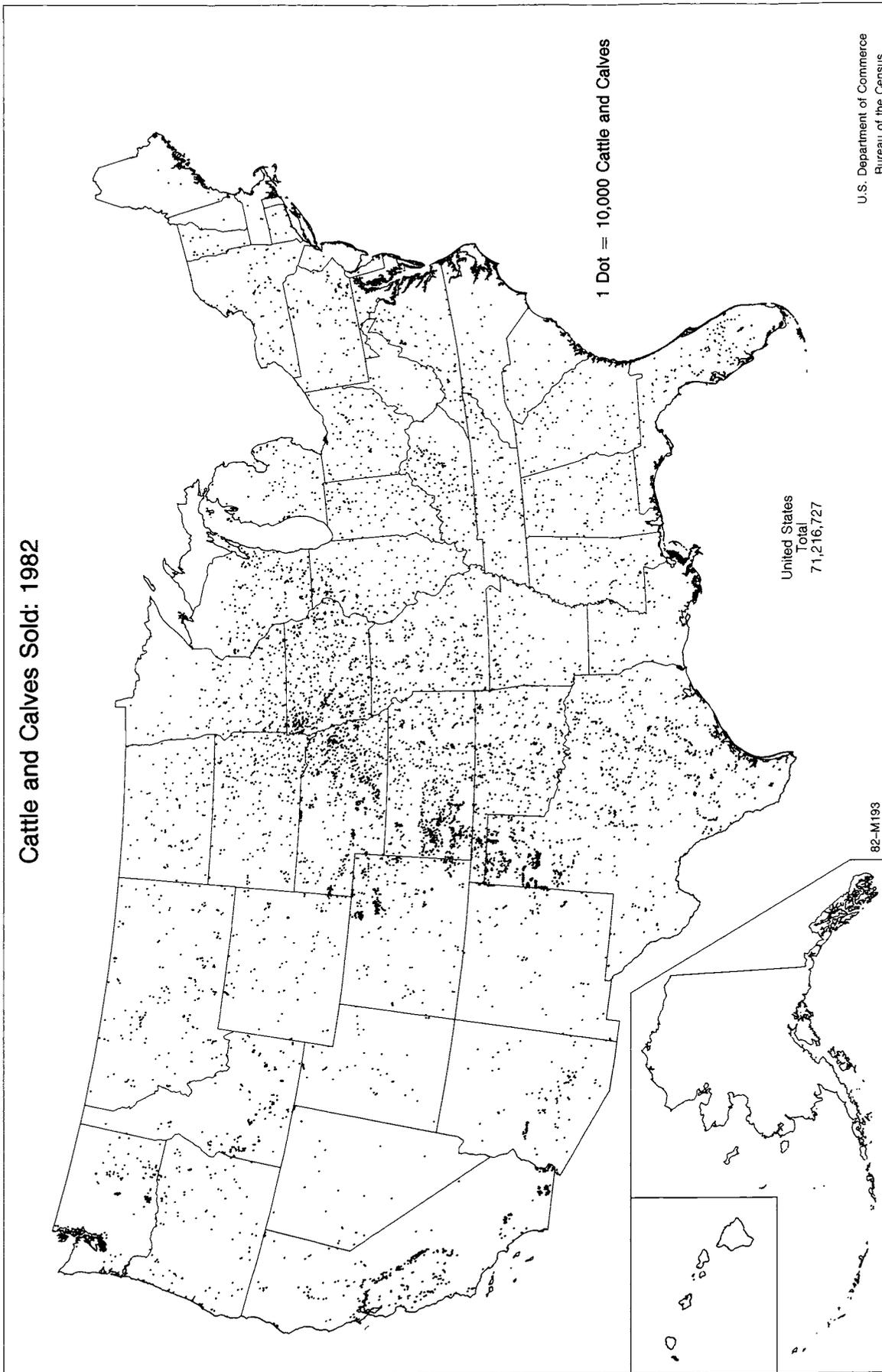
Beef Cows - Change in Inventory: 1978 to 1982



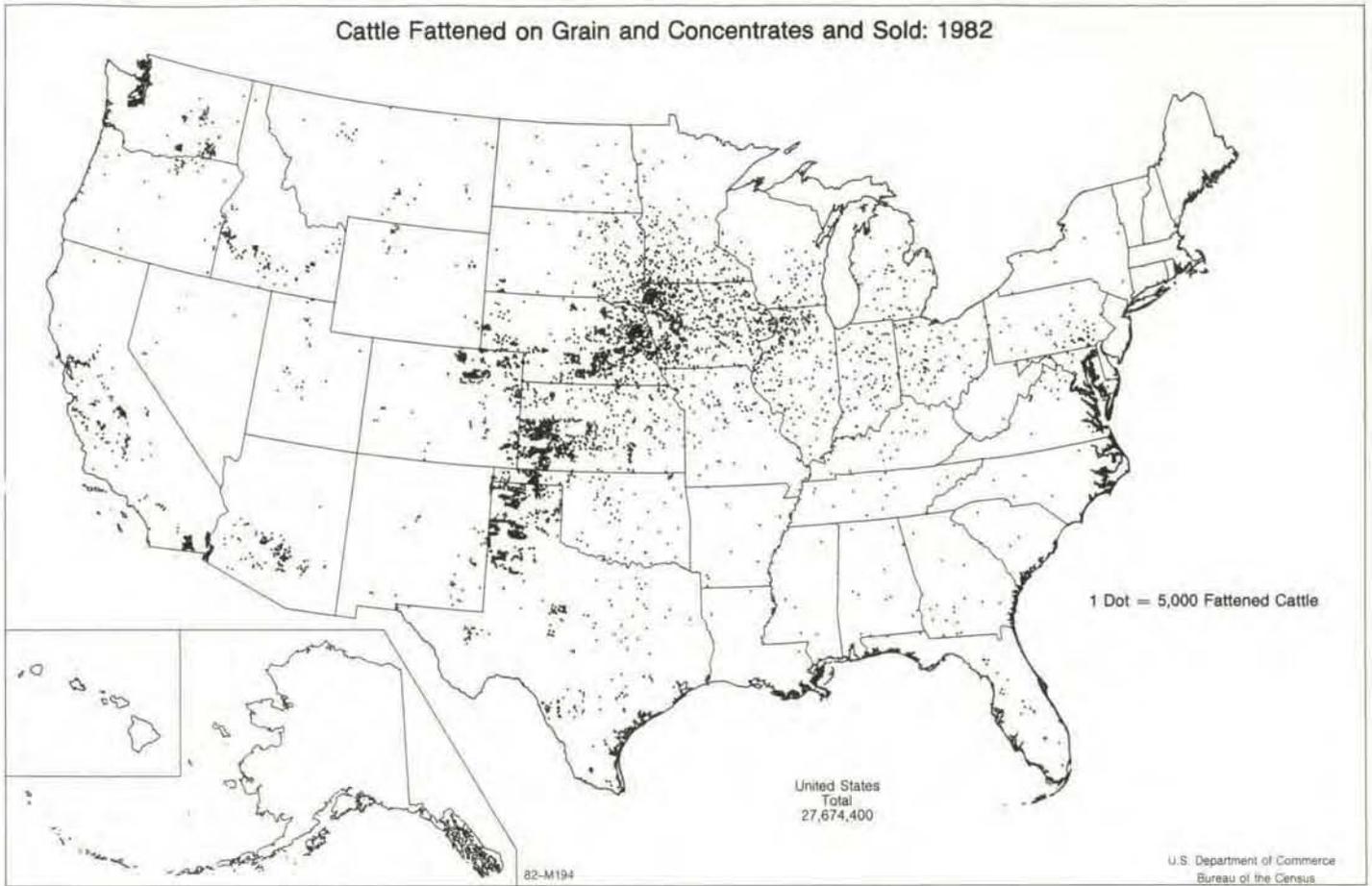
Heifers, Heifer Calves, Steers, Steer Calves, Bulls, and Bull Calves
as a Percent of All Cattle and Calves: 1982



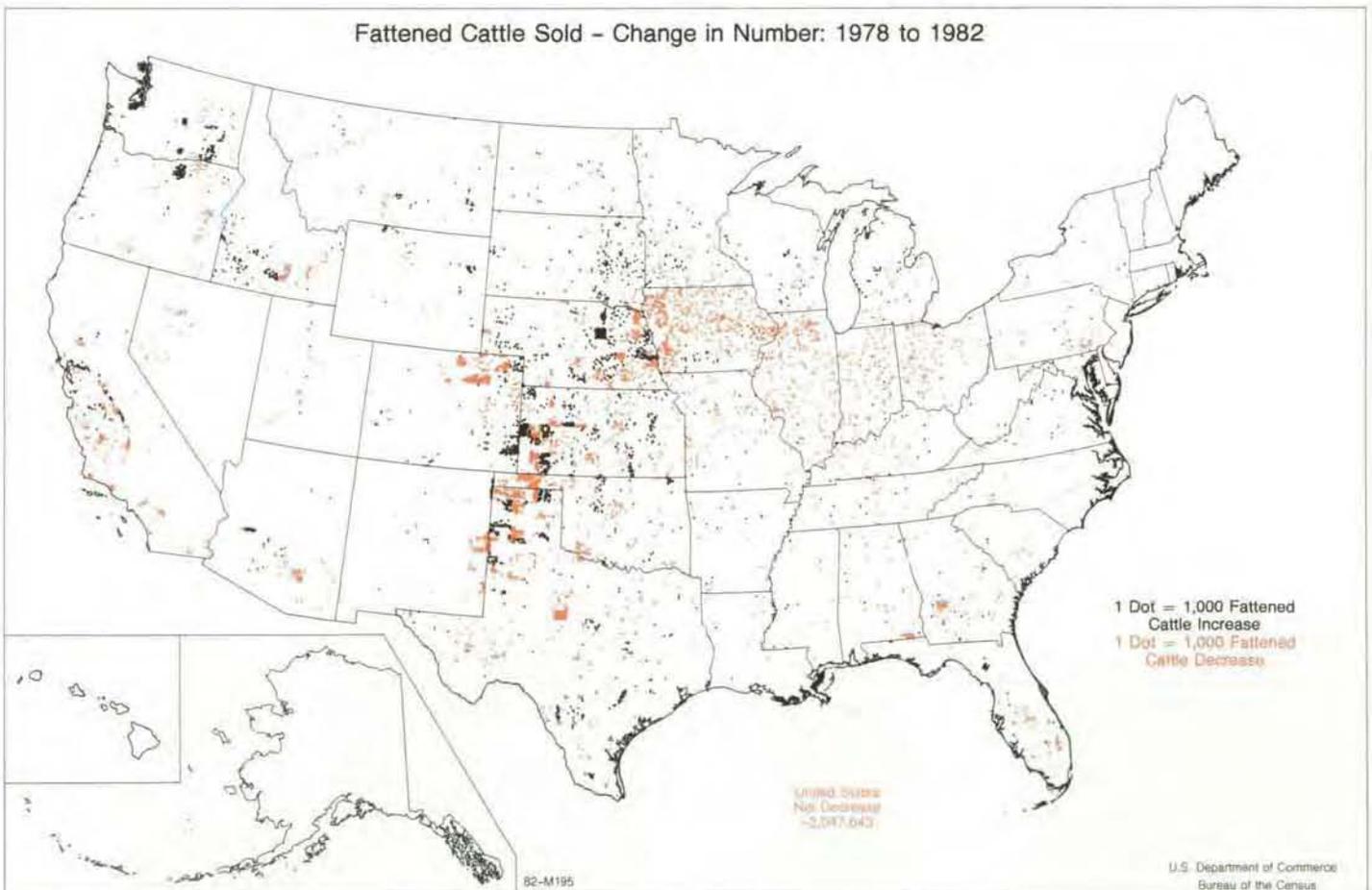
Cattle and Calves Sold: 1982



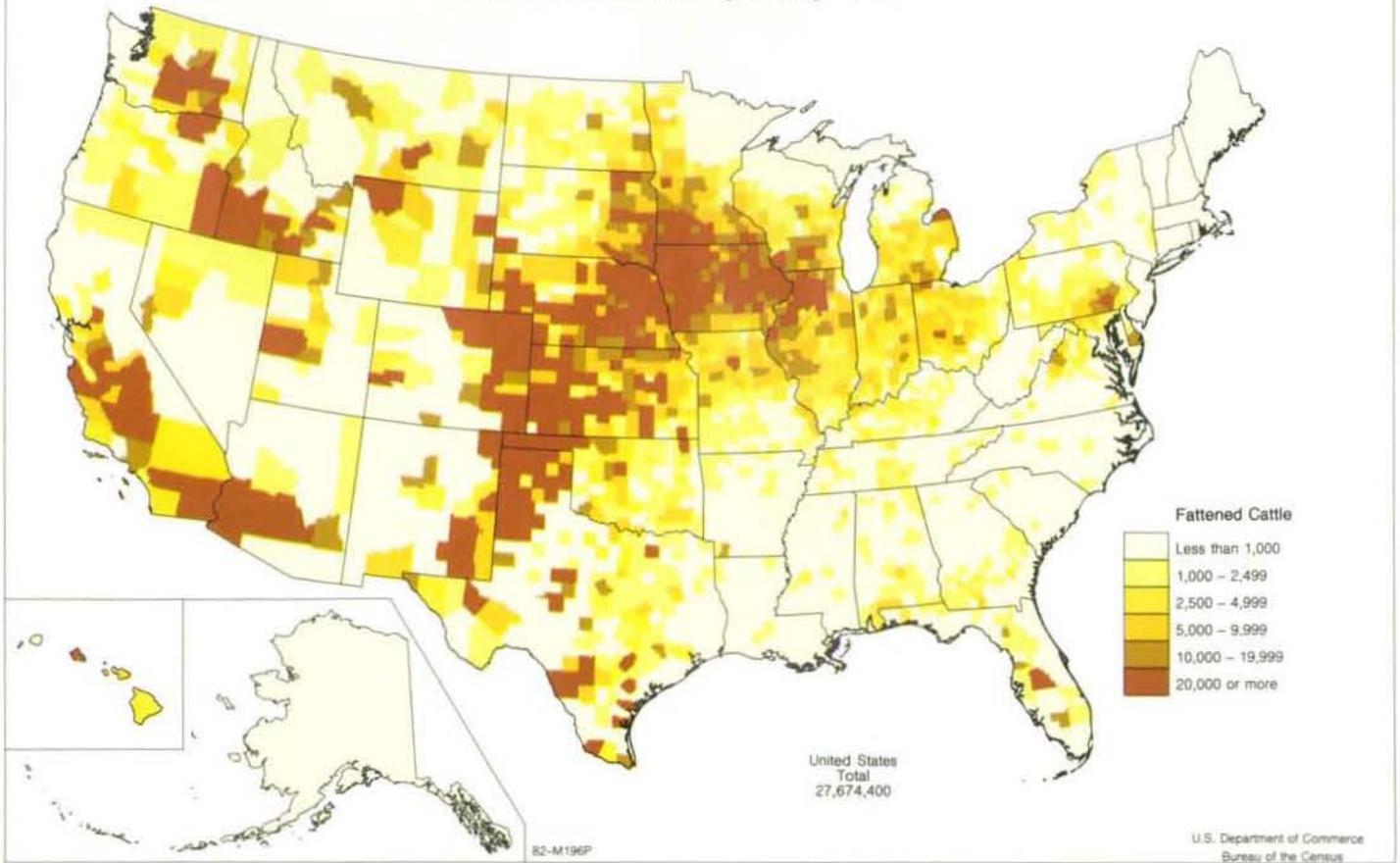
Cattle Fattened on Grain and Concentrates and Sold: 1982



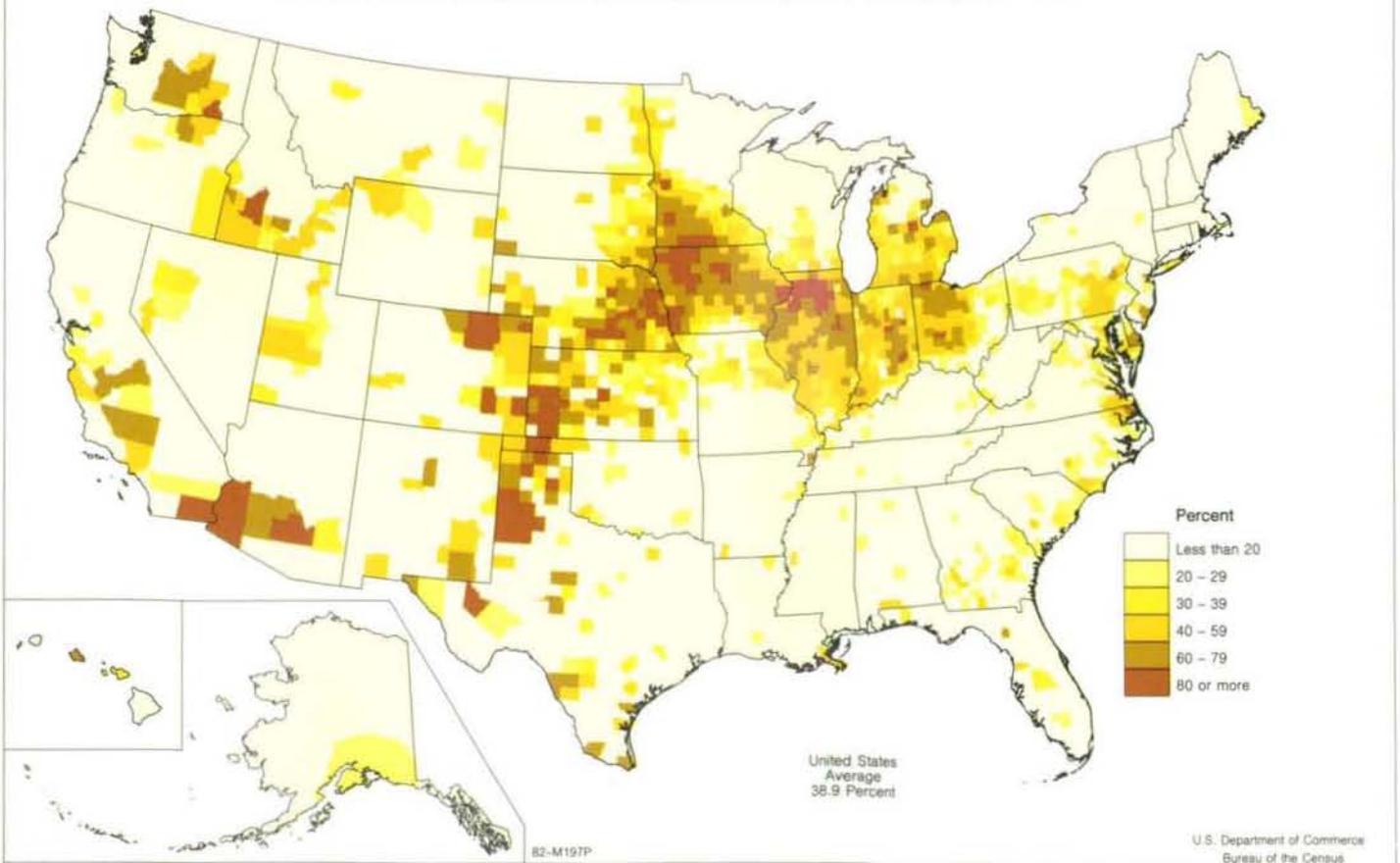
Fattened Cattle Sold - Change in Number: 1978 to 1982



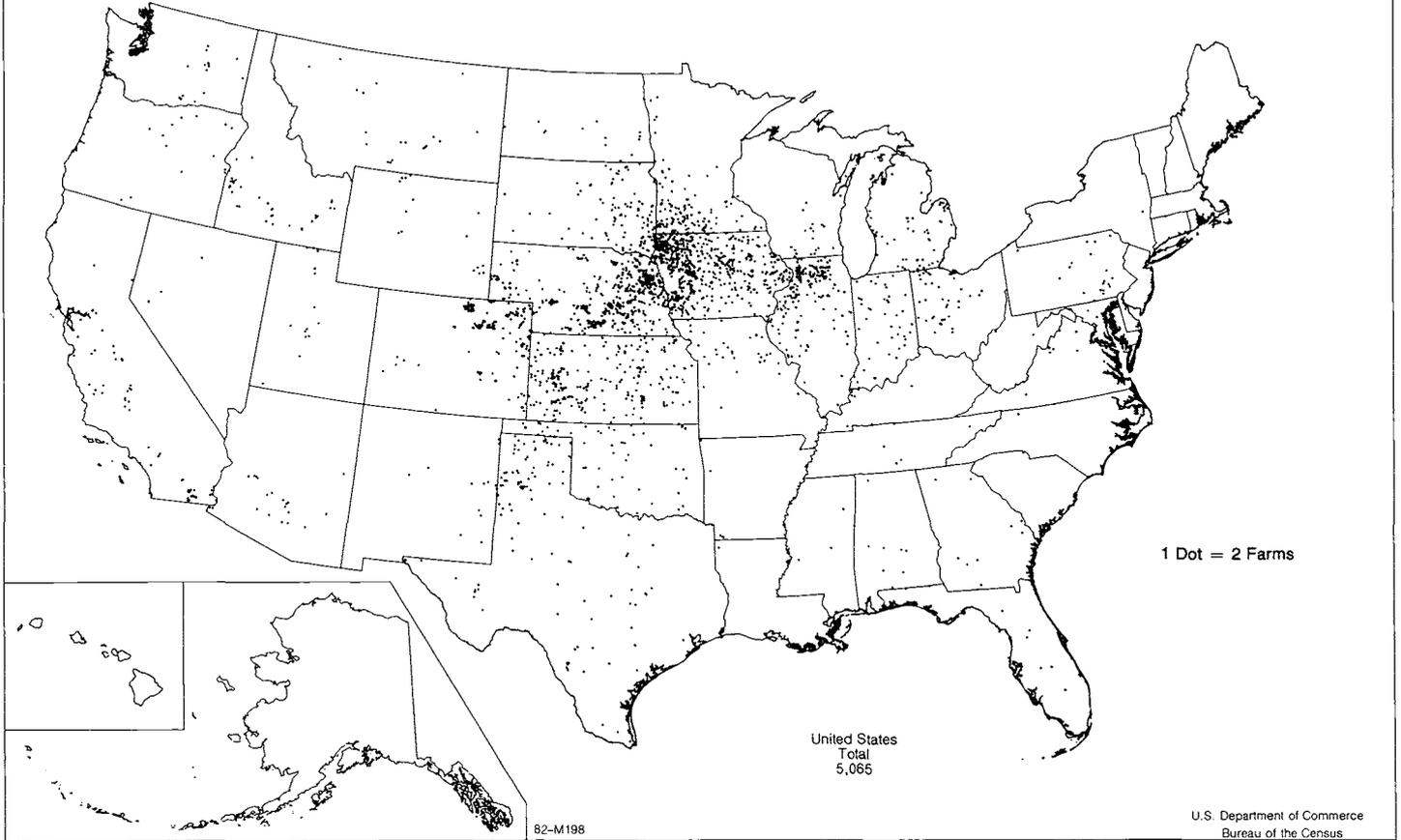
Fattened Cattle Sold by County: 1982

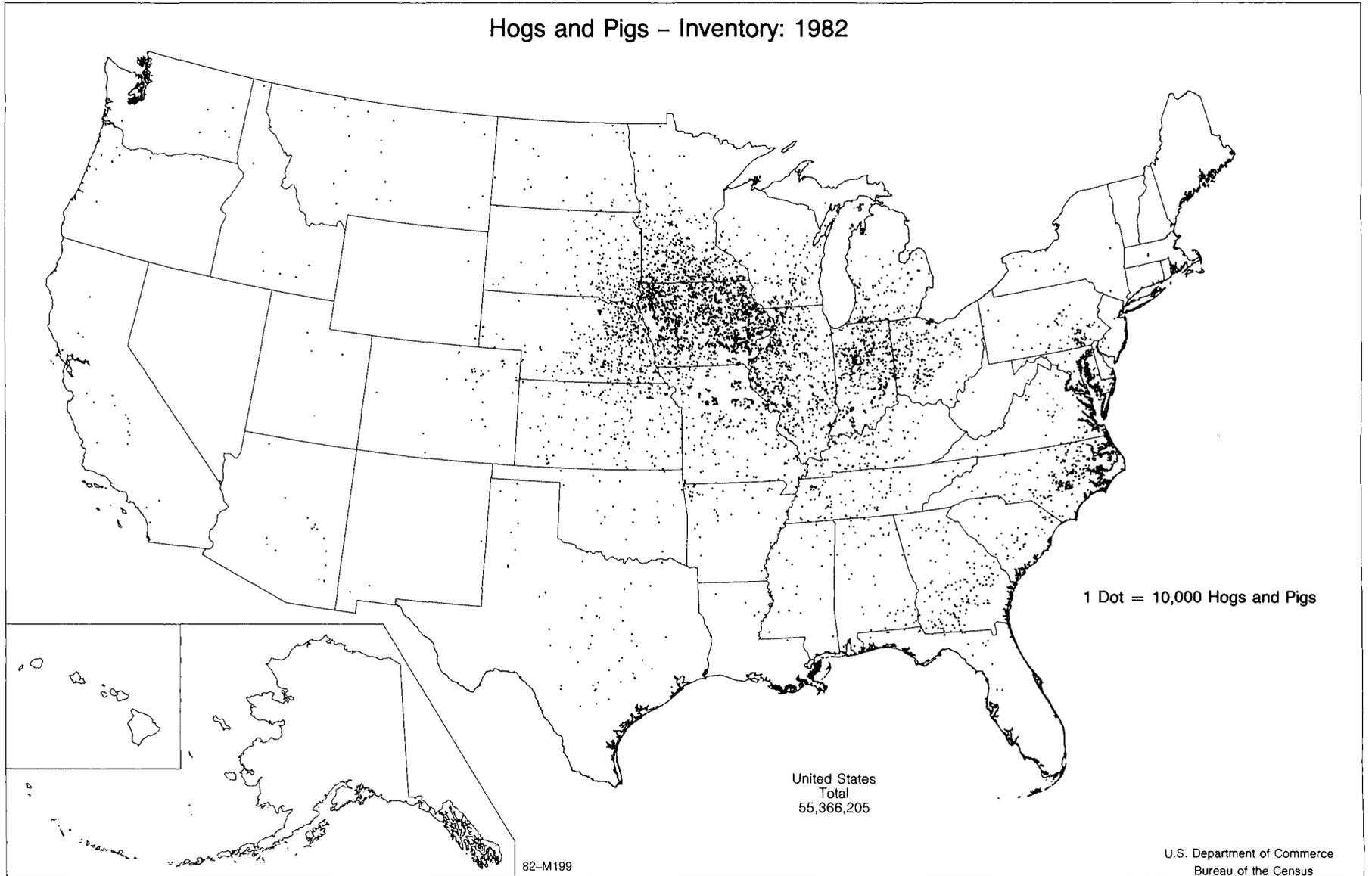


Fattened Cattle Sold as a Percent of All Cattle and Calves Sold: 1982

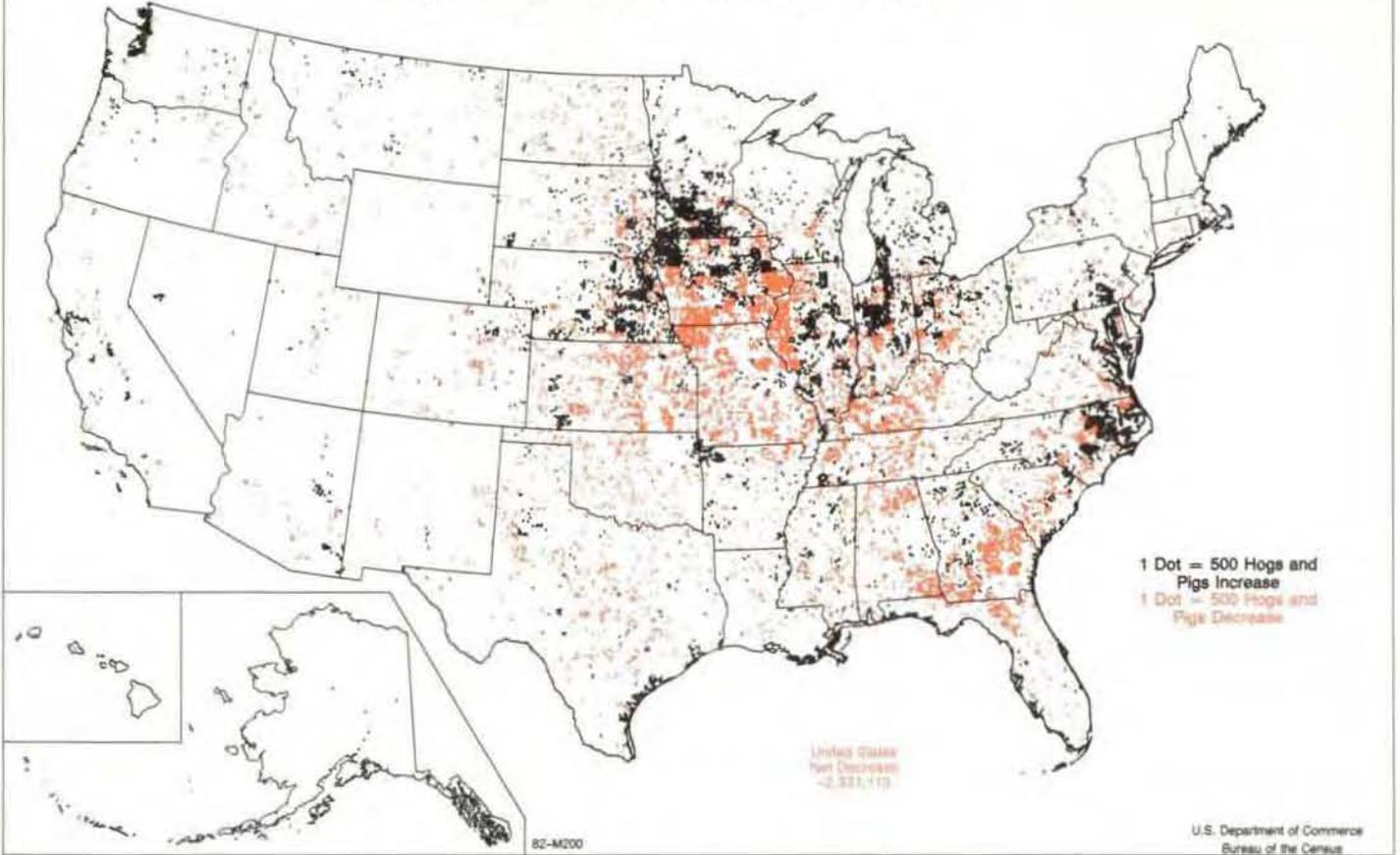


Farms With 500 Fattened Cattle or More Sold: 1982

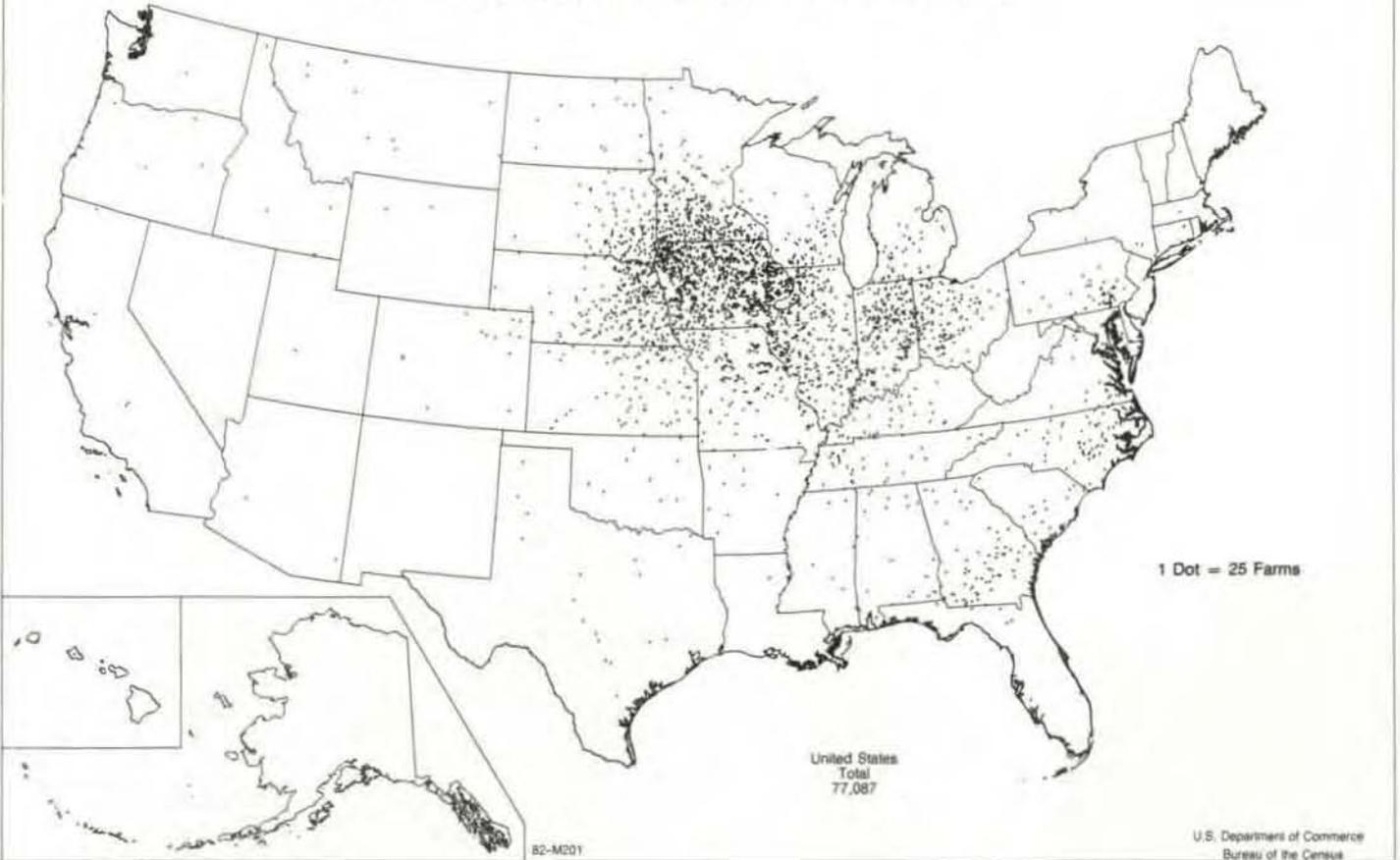




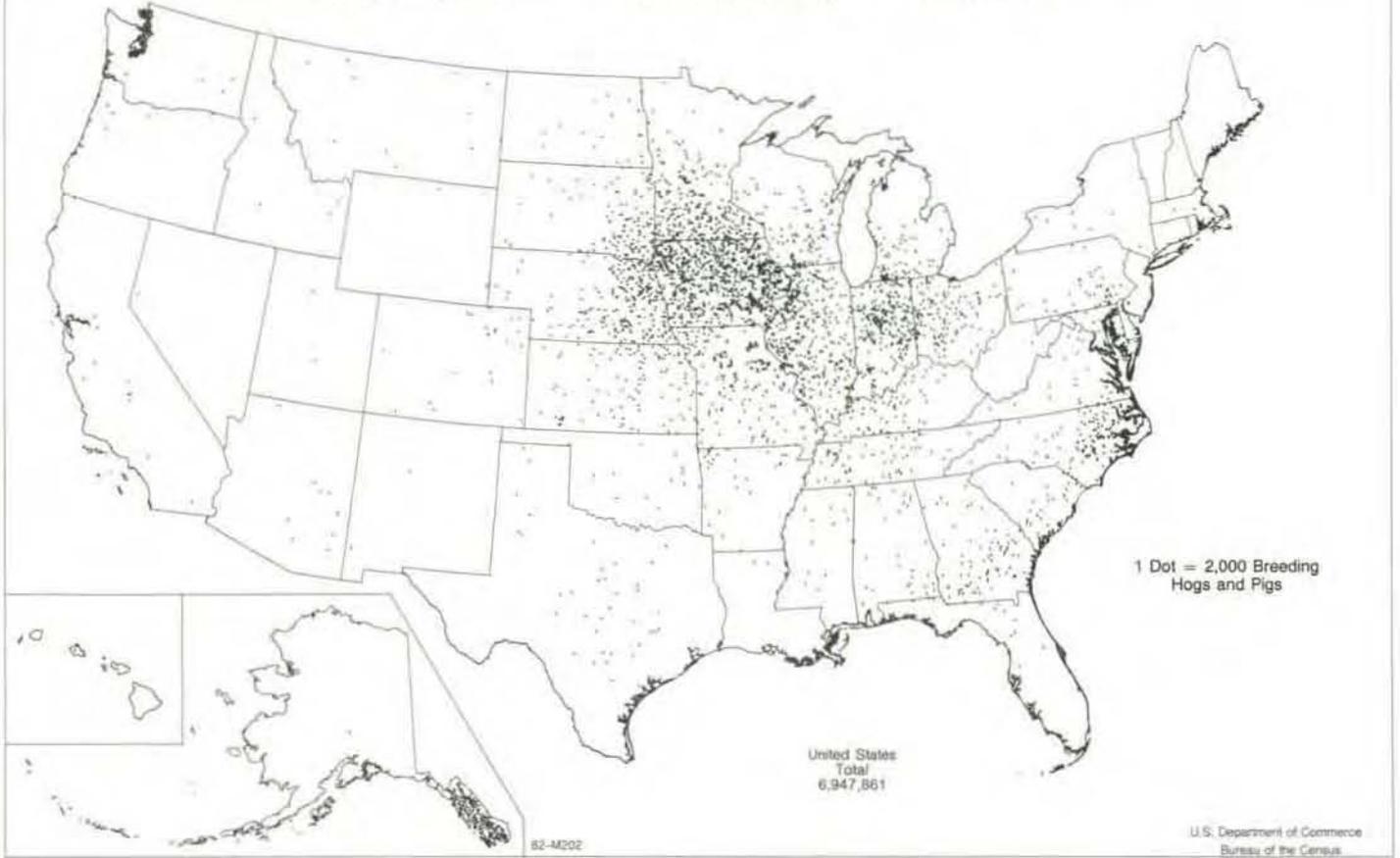
Hogs and Pigs - Change in Inventory: 1978 to 1982



Farms With 200 Hogs and Pigs or More - Inventory: 1982



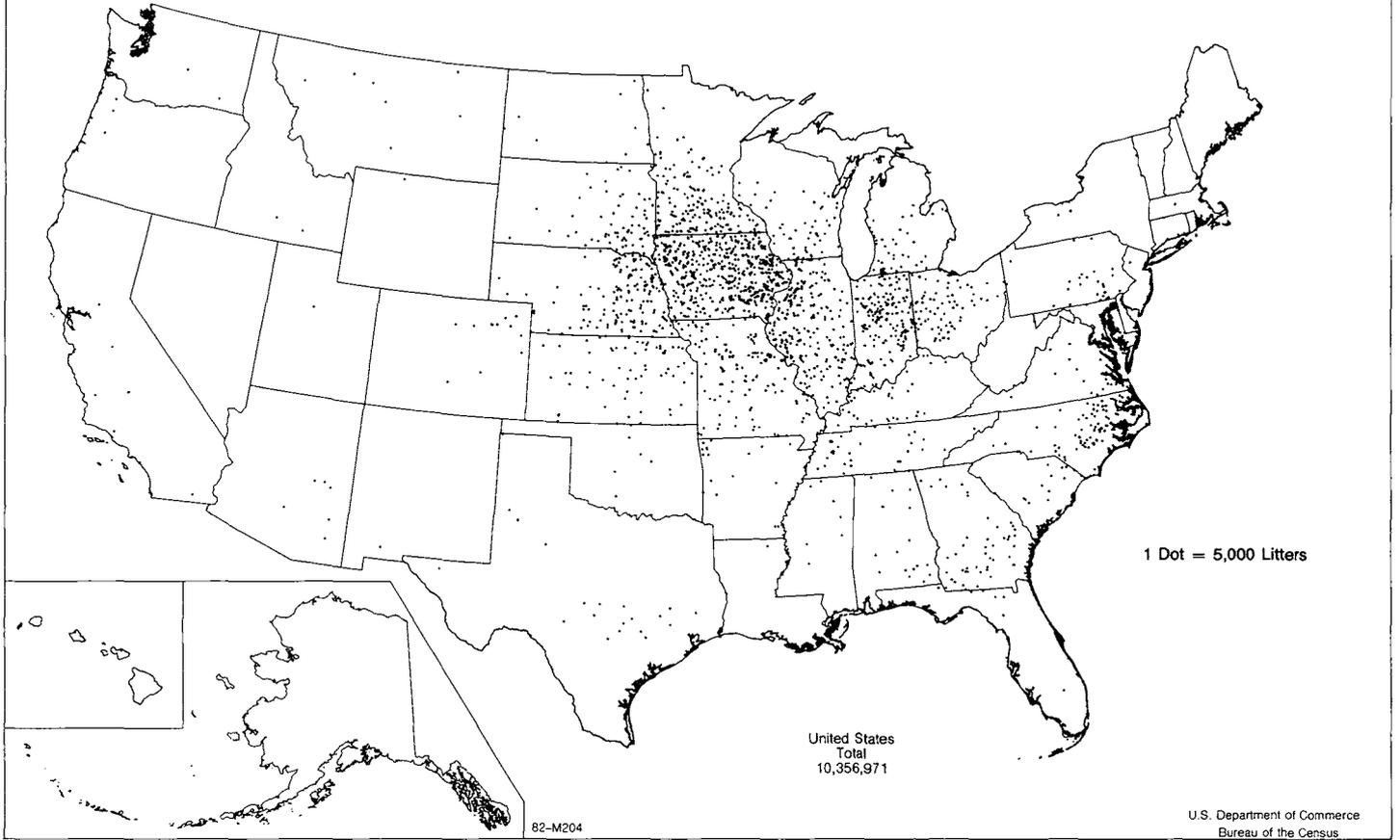
Hogs and Pigs Used or to be Used for Breeding – Inventory: 1982



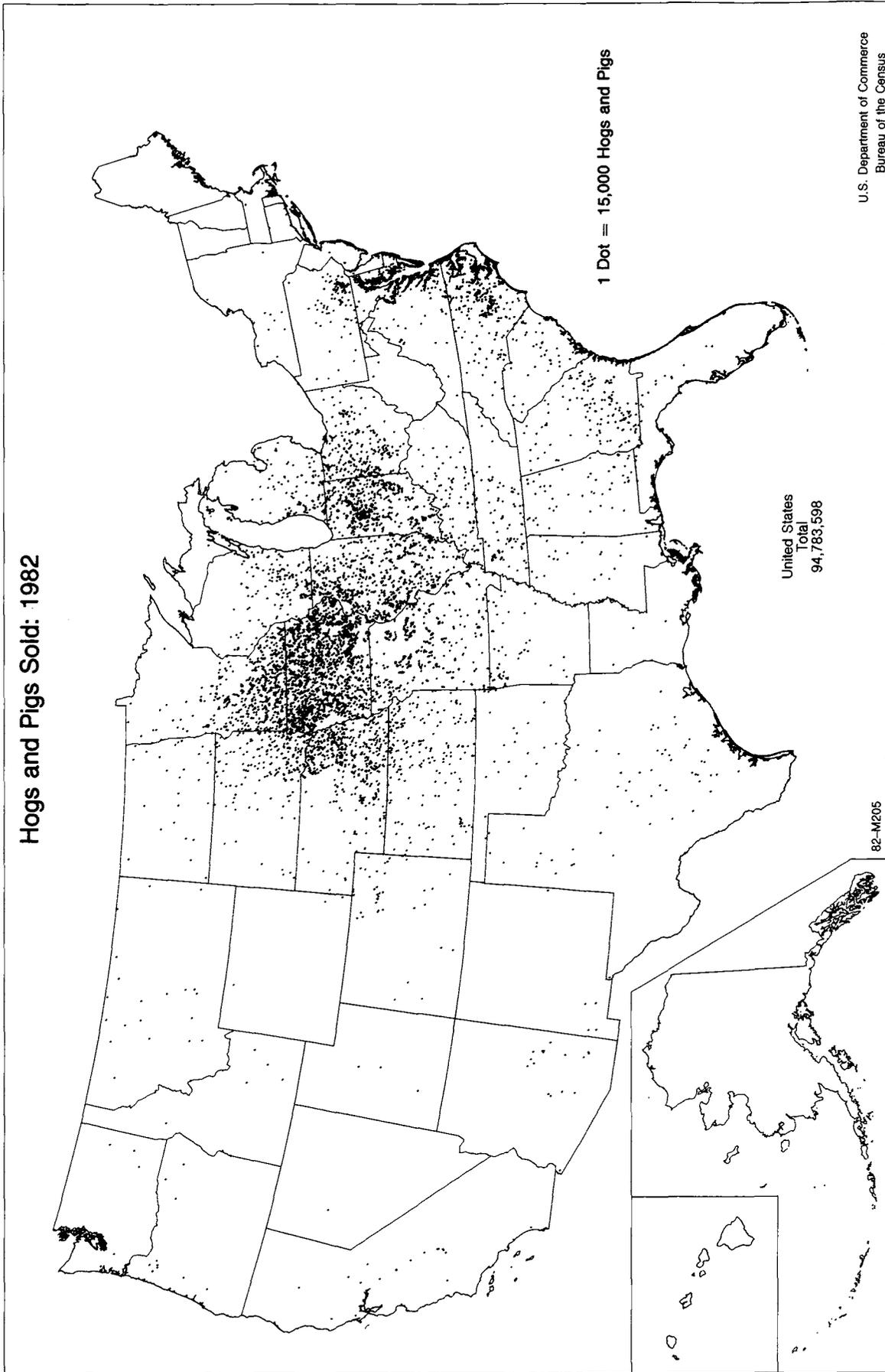
Hogs and Pigs Used or to be Used for Breeding –
Change in Inventory: 1978 to 1982



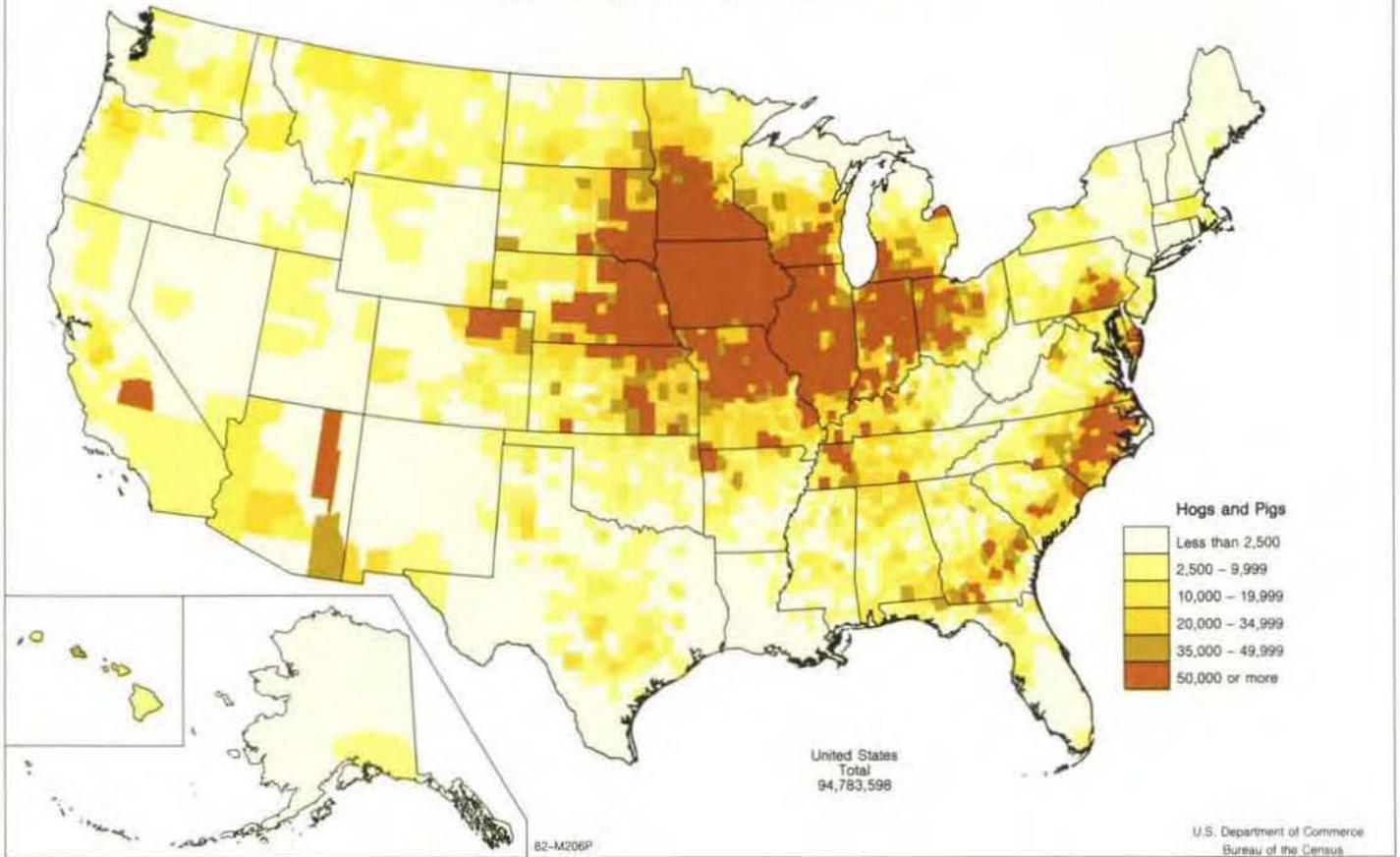
Litters of Pigs Farrowed Between December 1, 1981, and November 30, 1982



Hogs and Pigs Sold: 1982



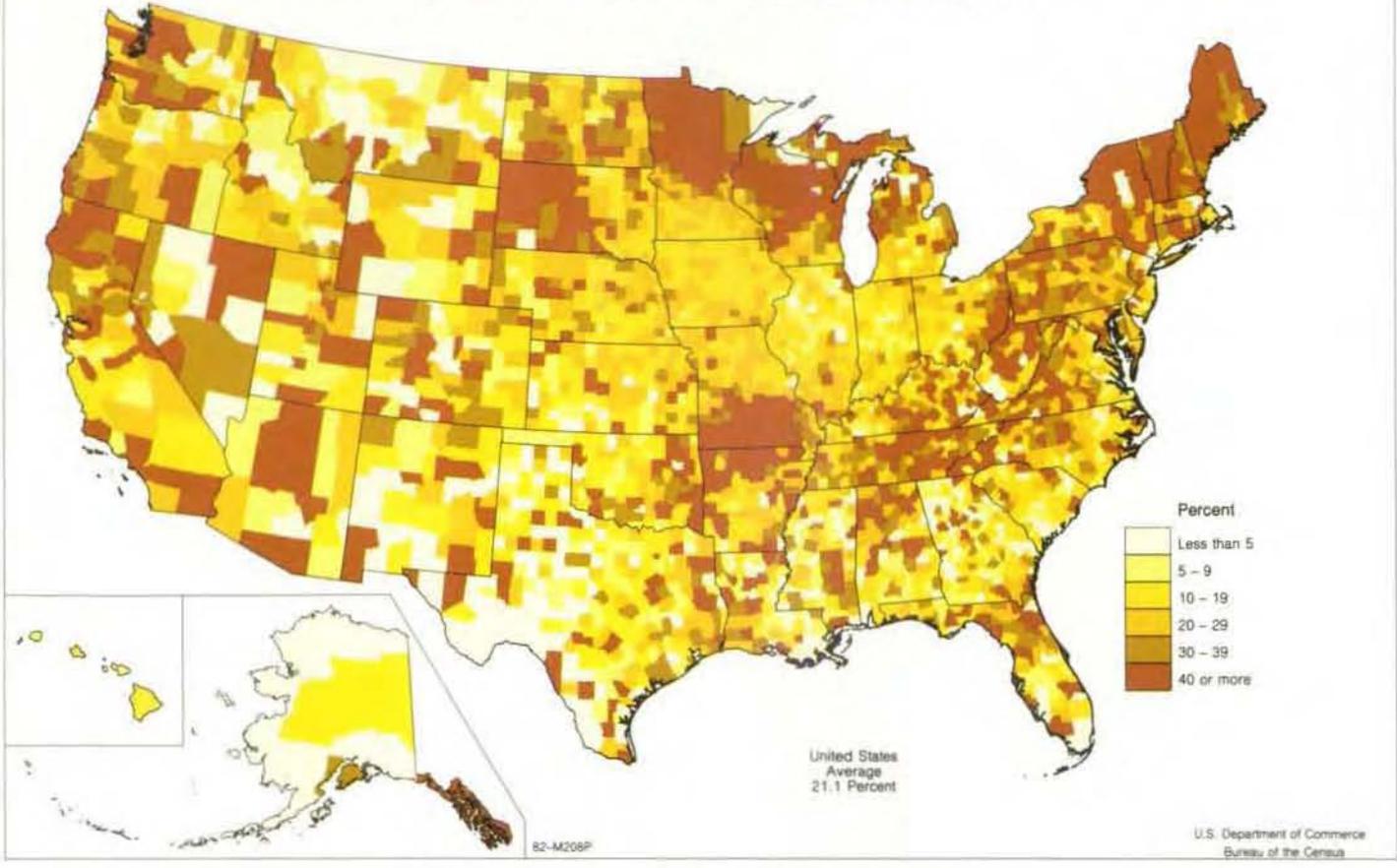
Hogs and Pigs Sold by County: 1982



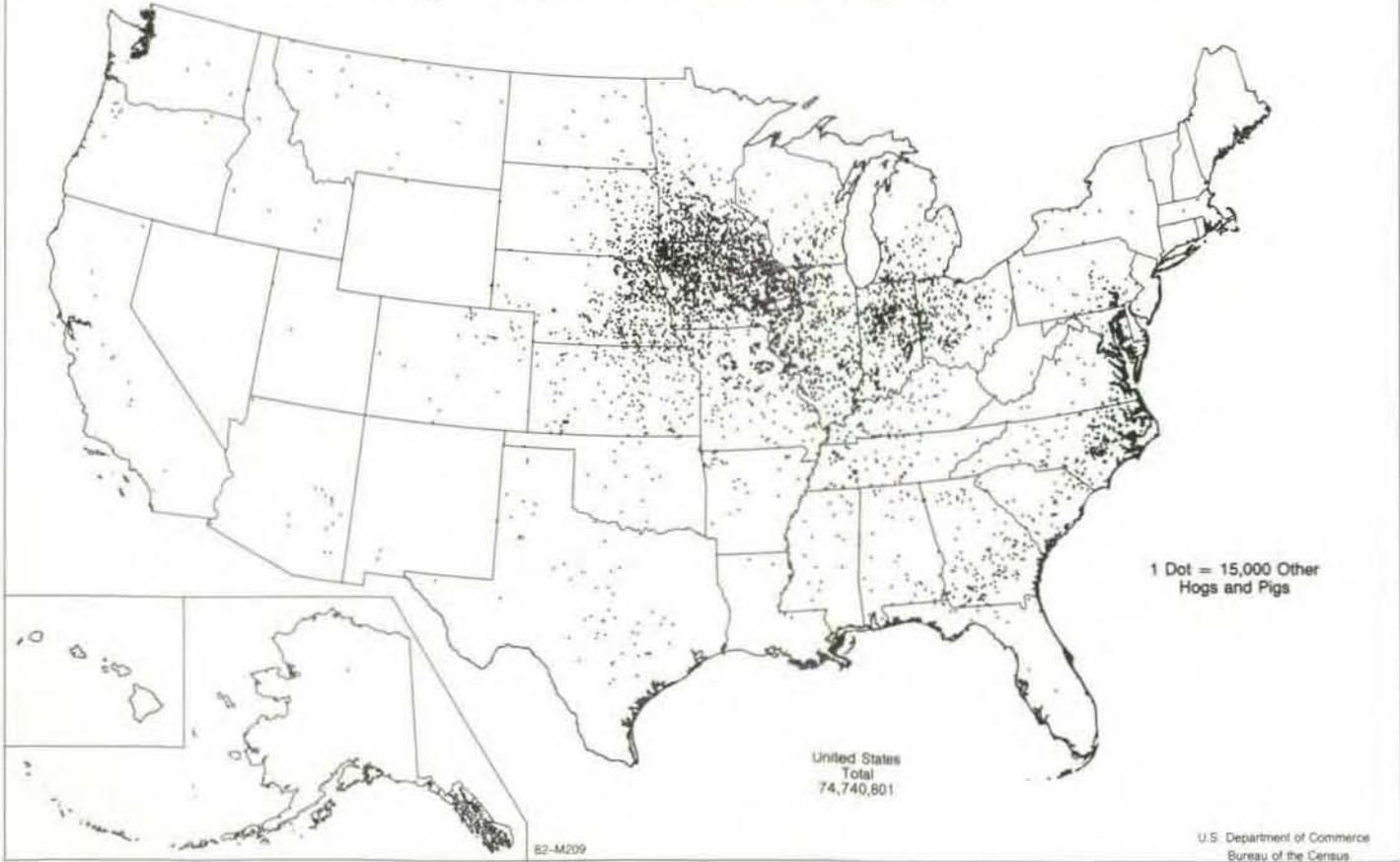
Feeder Pigs Sold: 1982



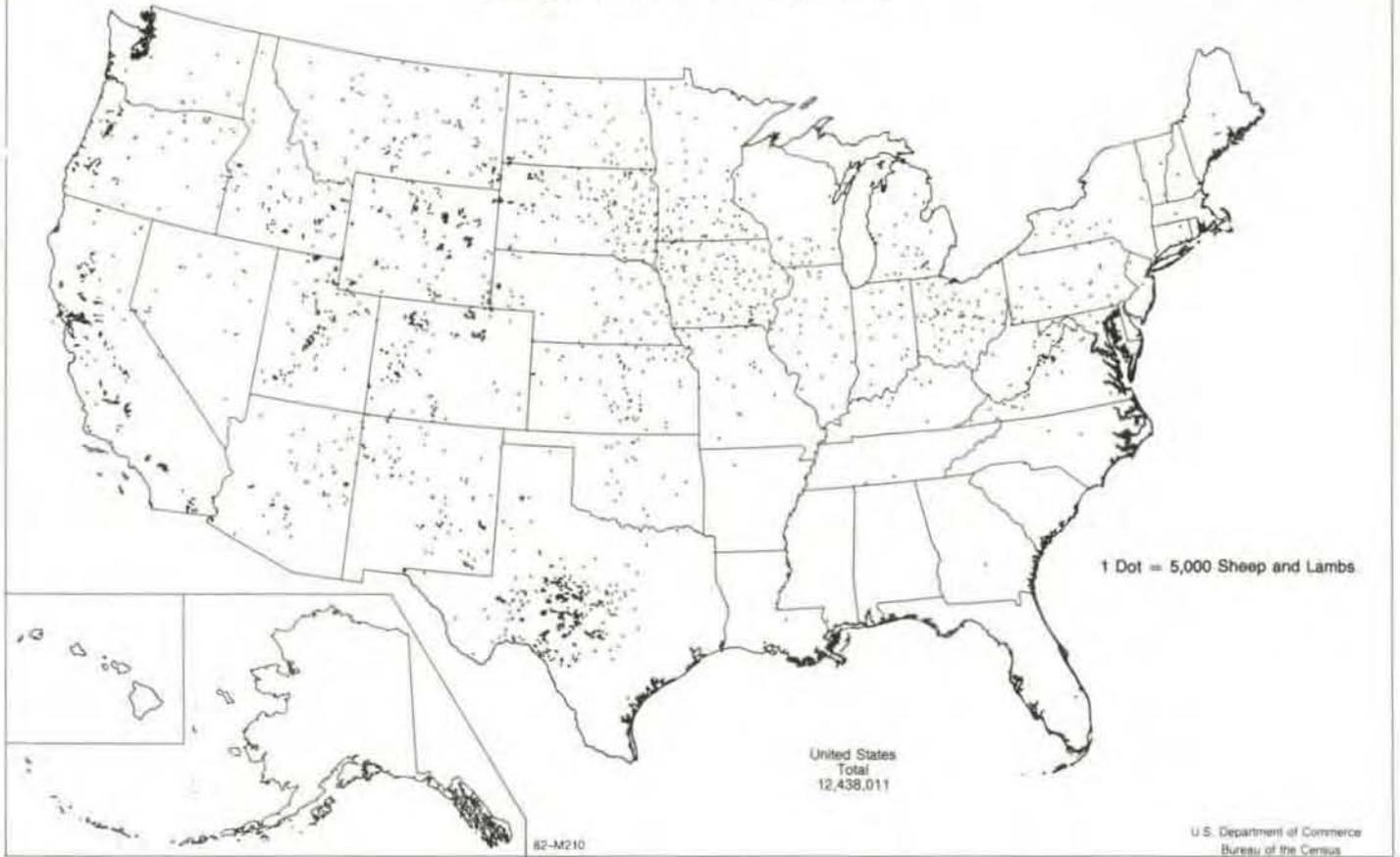
Feeder Pigs Sold as a Percent of All Hogs and Pigs Sold: 1982



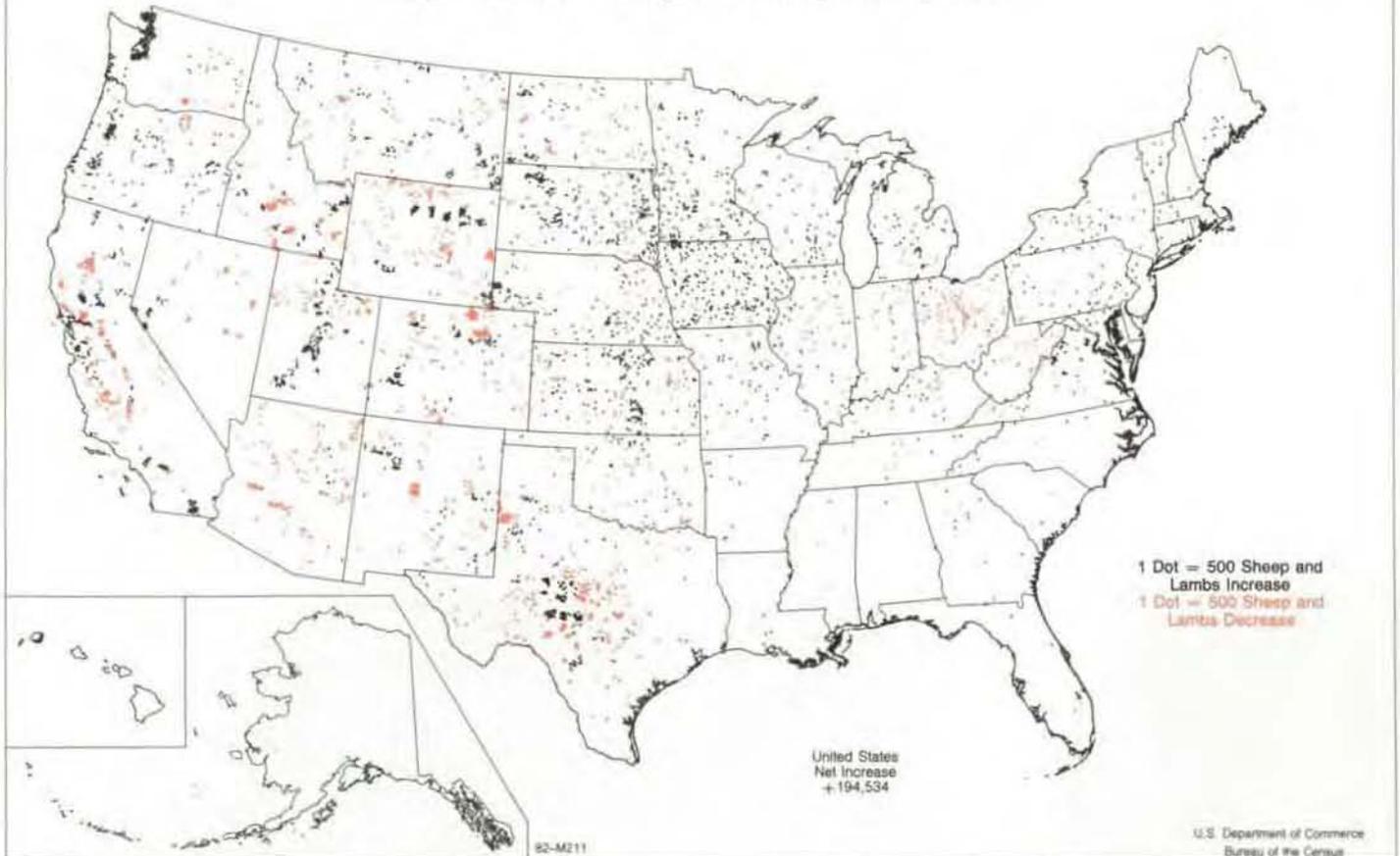
Hogs and Pigs Sold Other Than Feeder Pigs: 1982



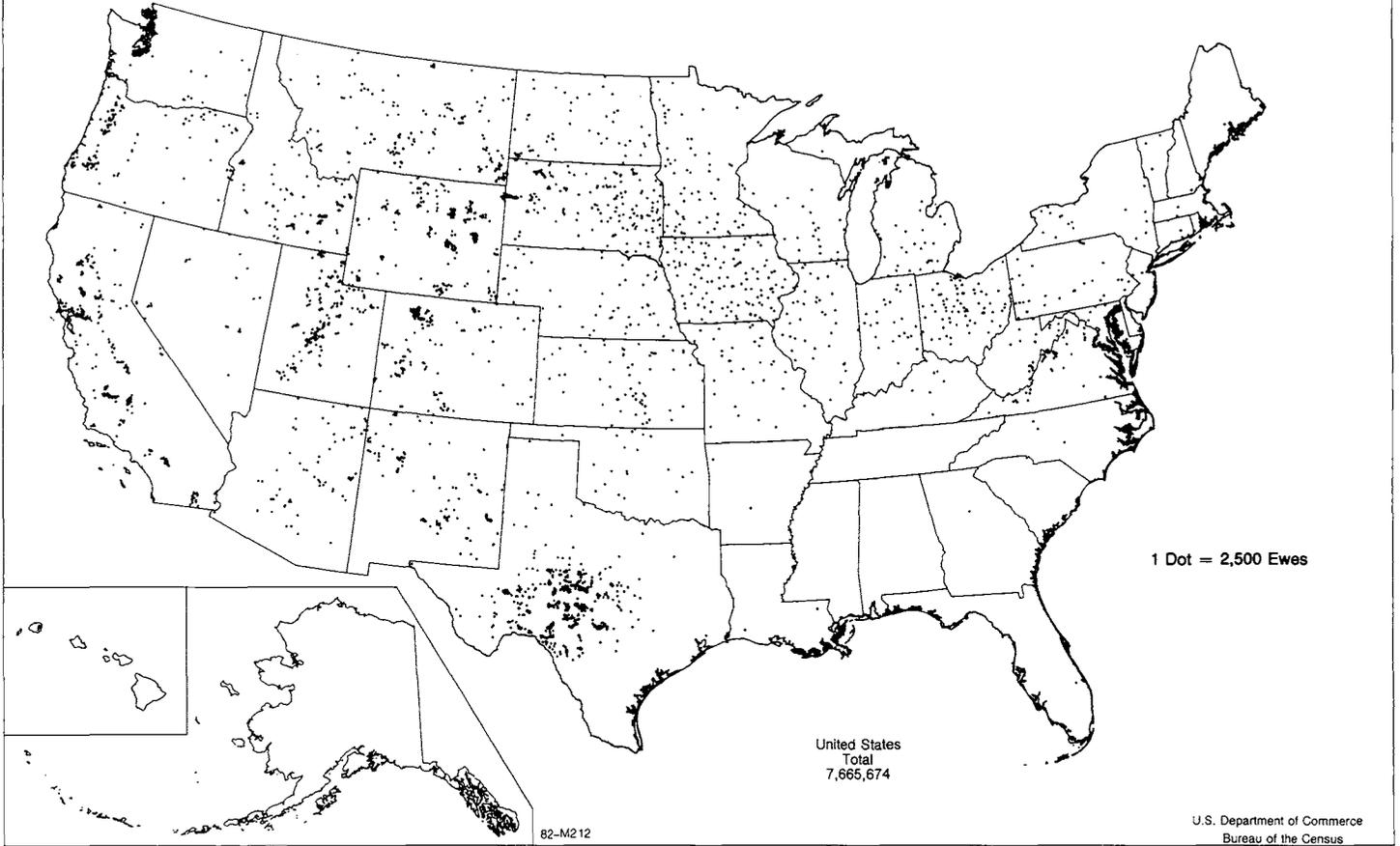
Sheep and Lambs - Inventory: 1982



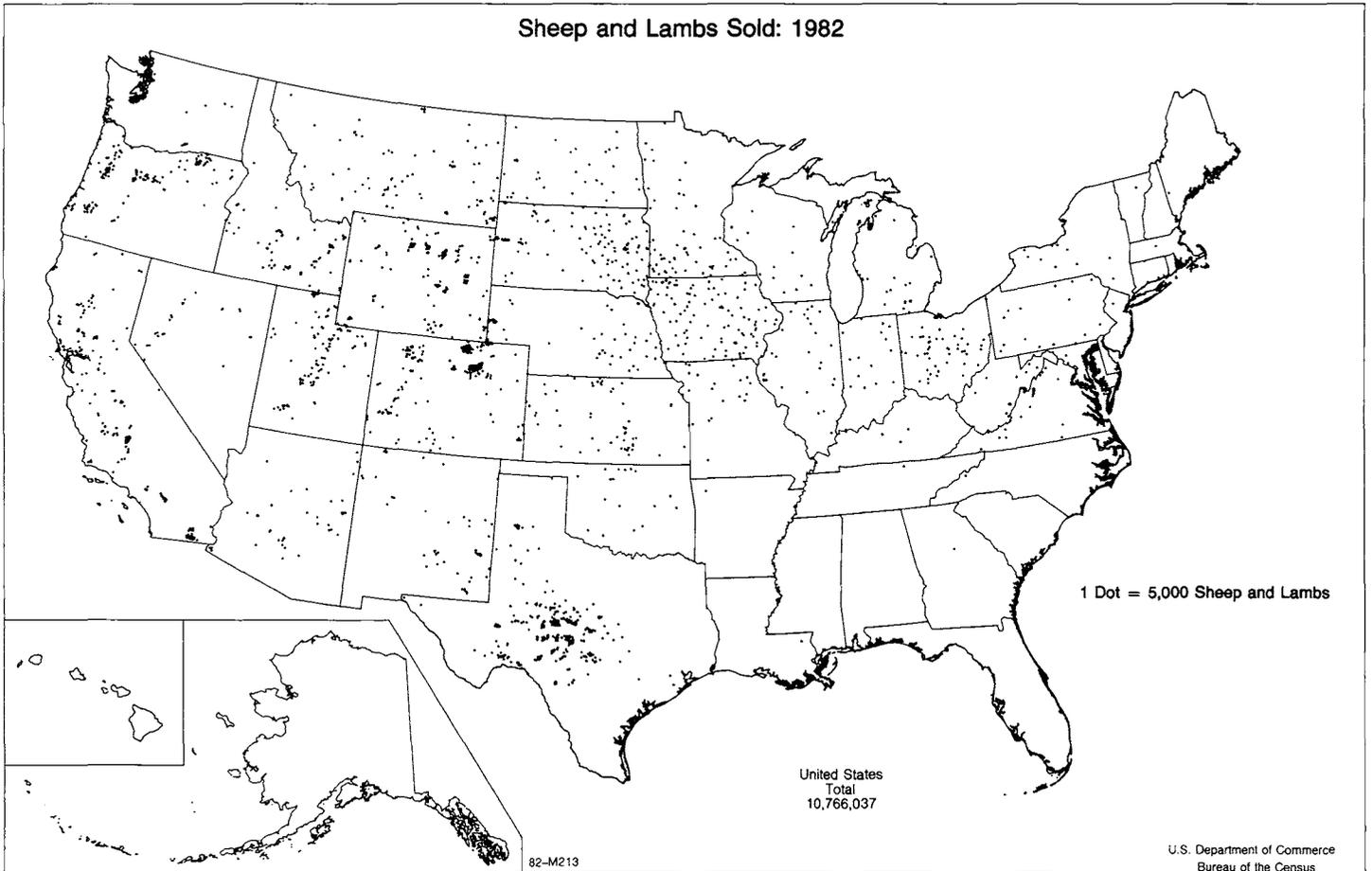
Sheep and Lambs - Change in Inventory: 1978 to 1982



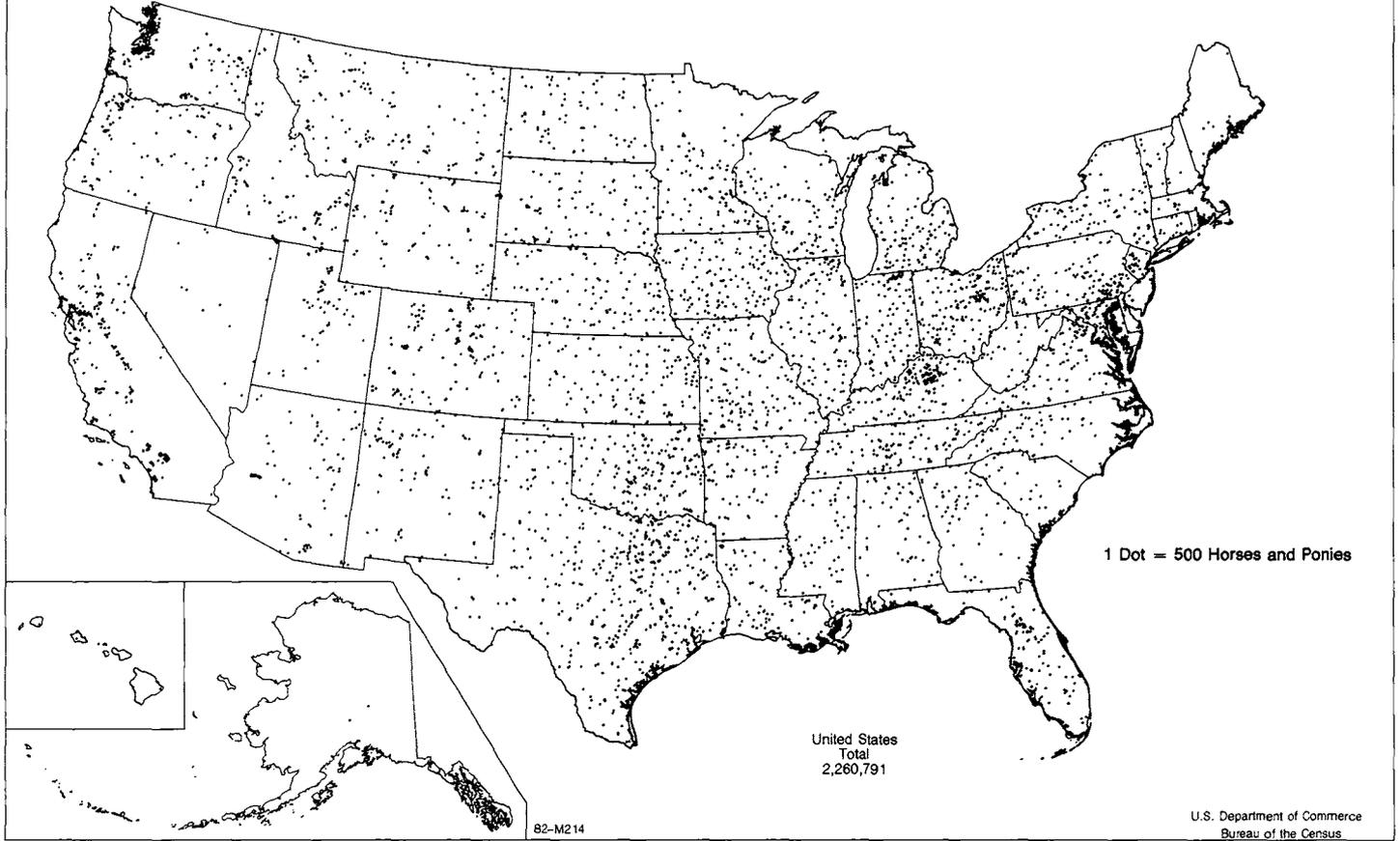
Ewes 1 Year Old or Older - Inventory: 1982

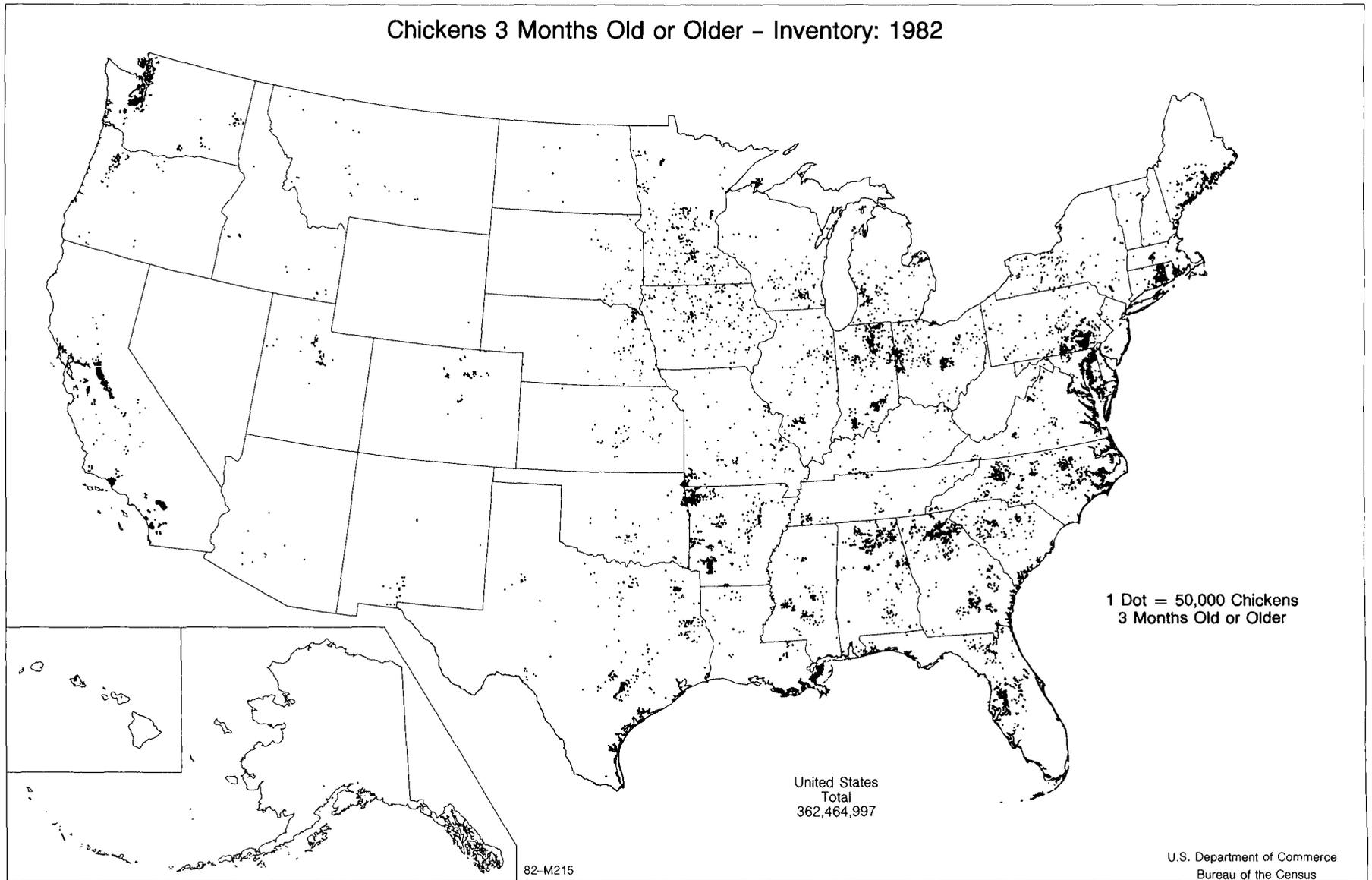


Sheep and Lambs Sold: 1982

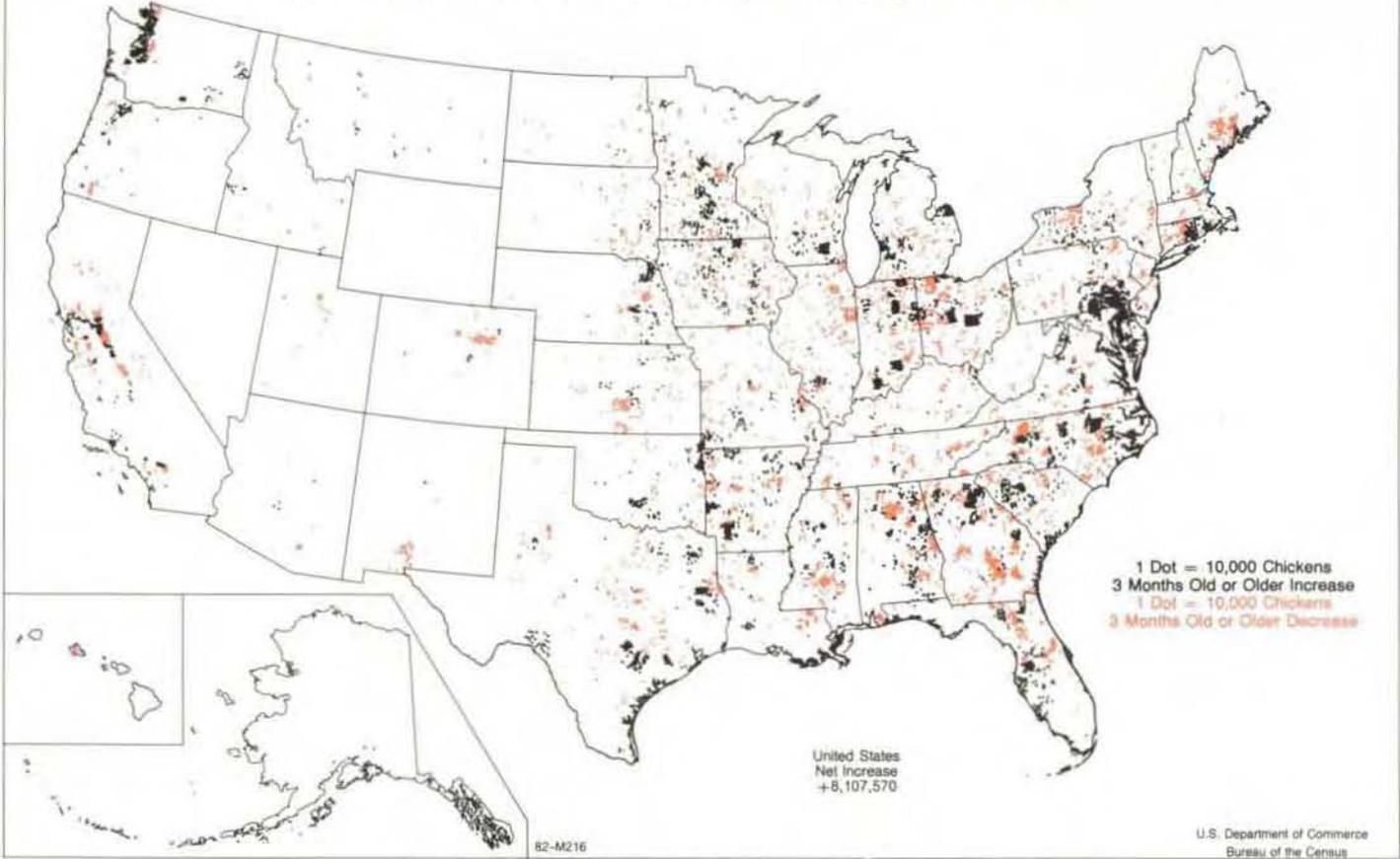


Horses and Ponies - Inventory: 1982

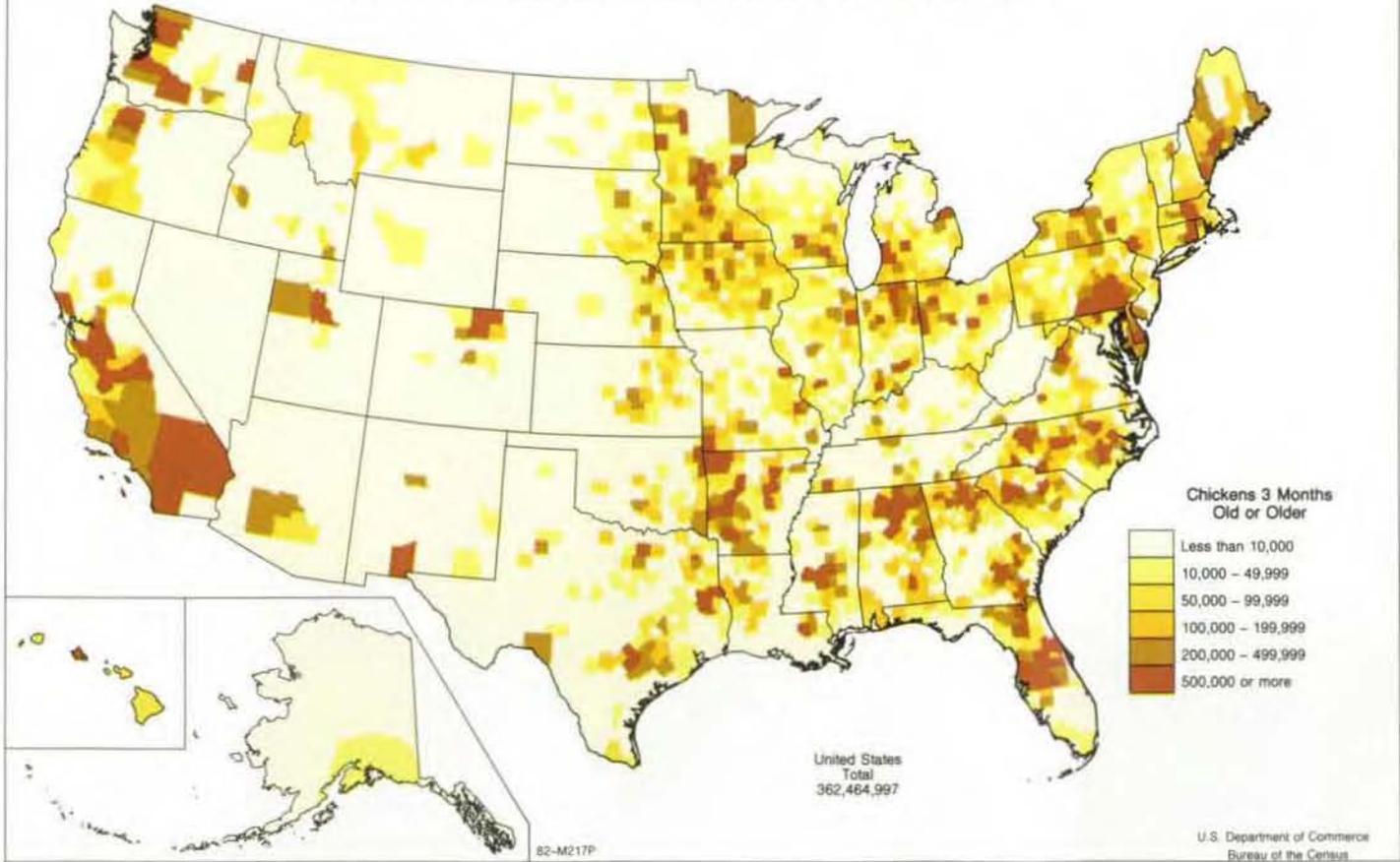




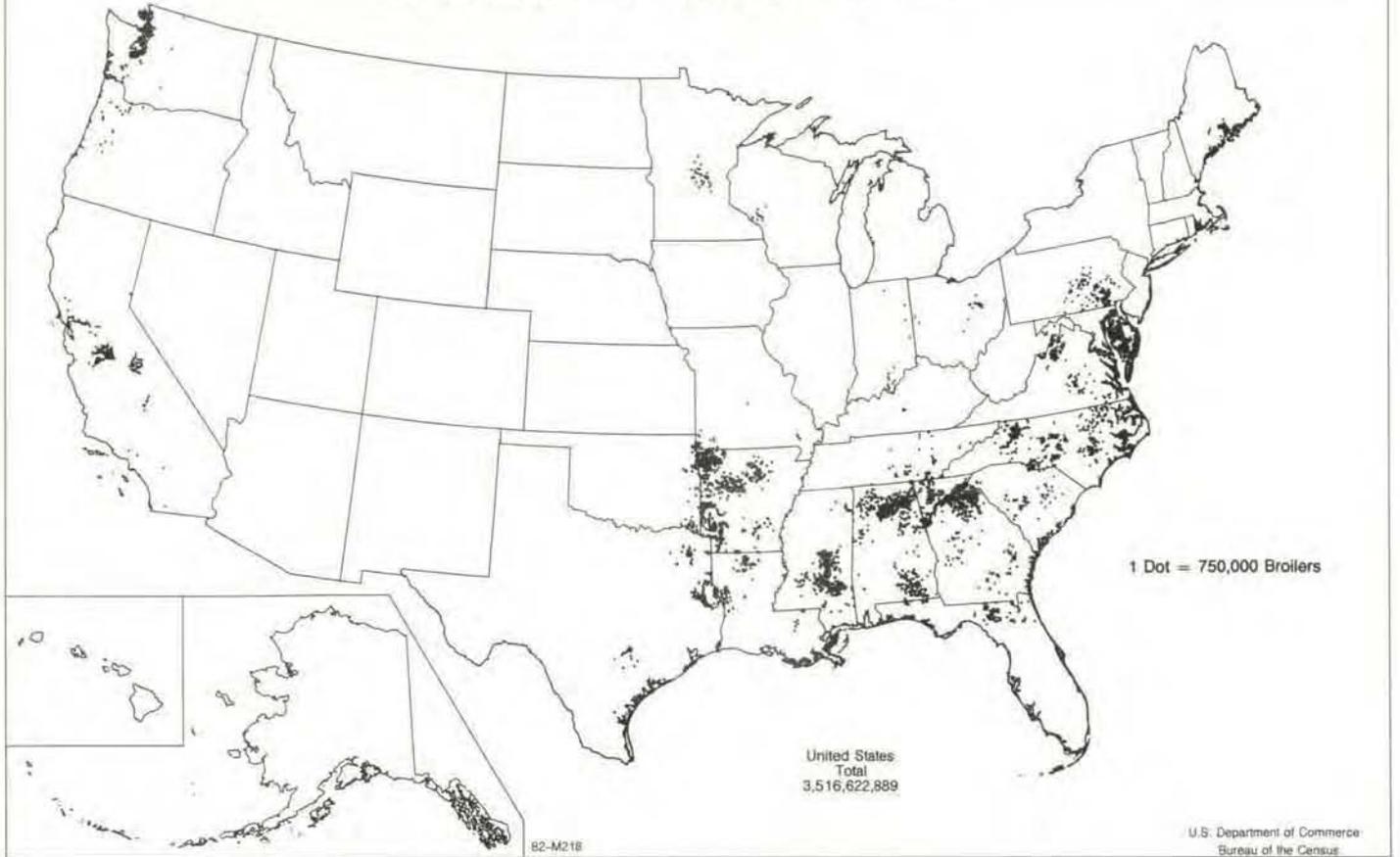
Chickens 3 Months Old or Older - Change in Inventory: 1978 to 1982



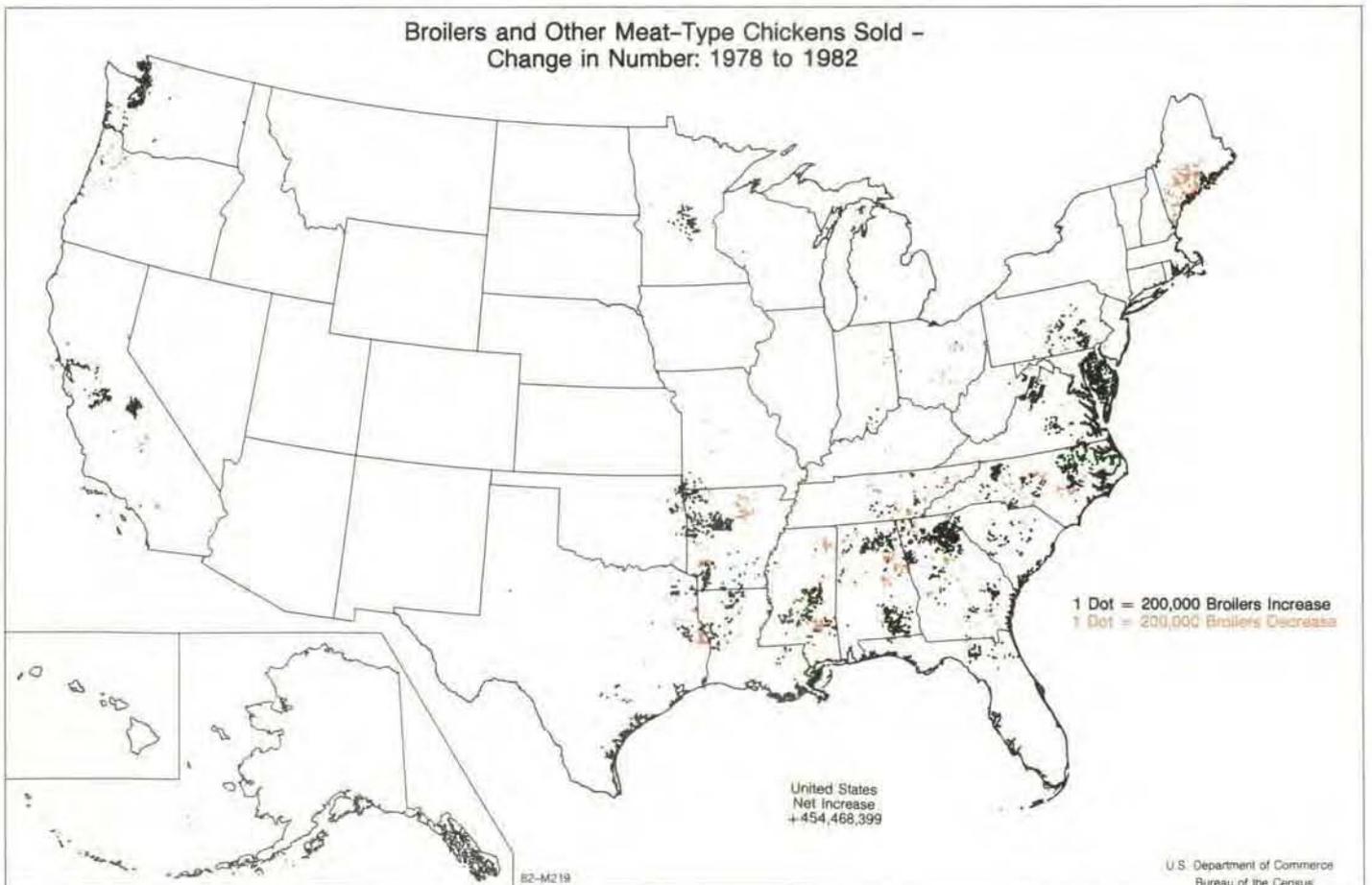
Chickens 3 Months Old or Older - Inventory by County: 1982



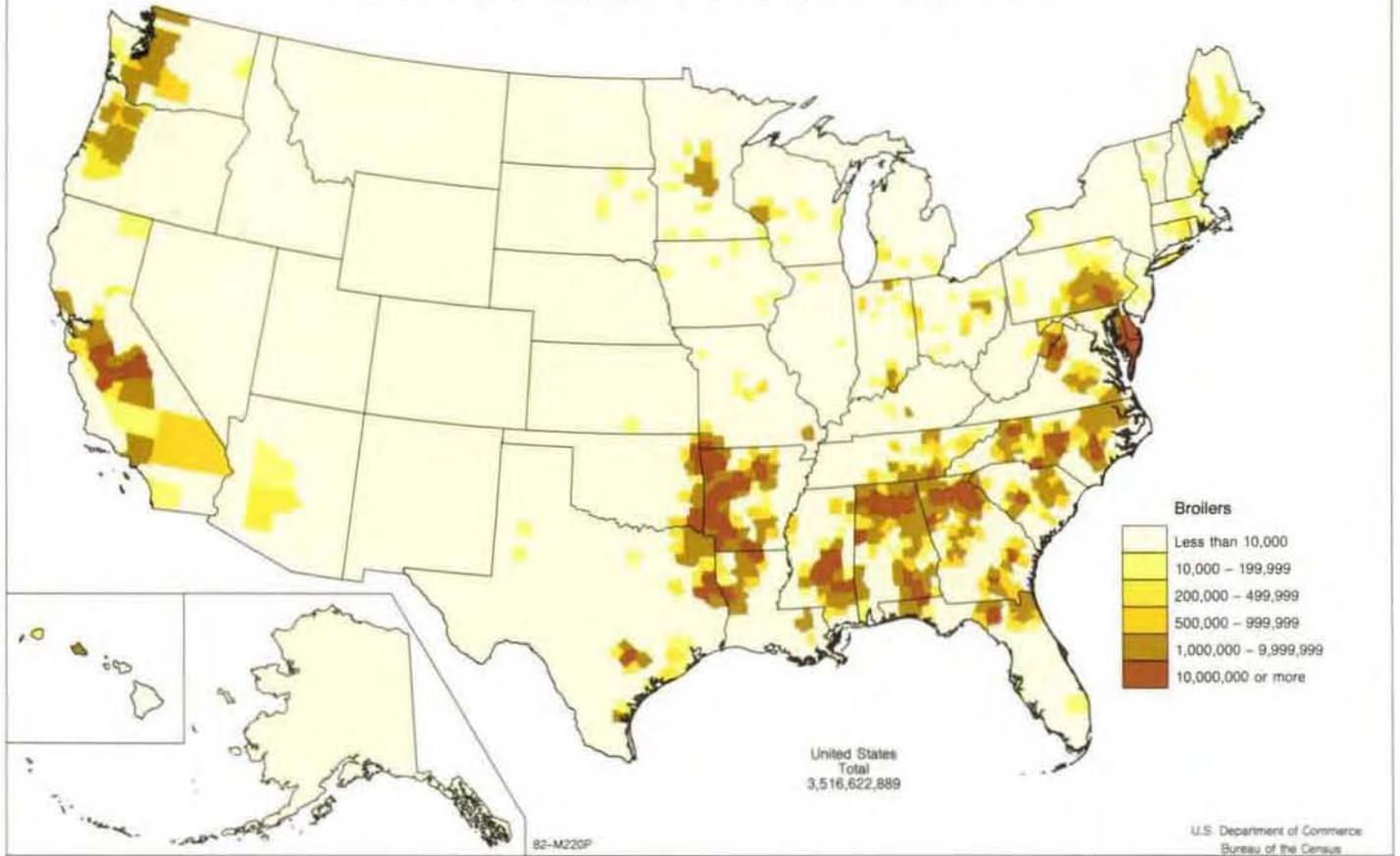
Broilers and Other Meat-Type Chickens Sold: 1982



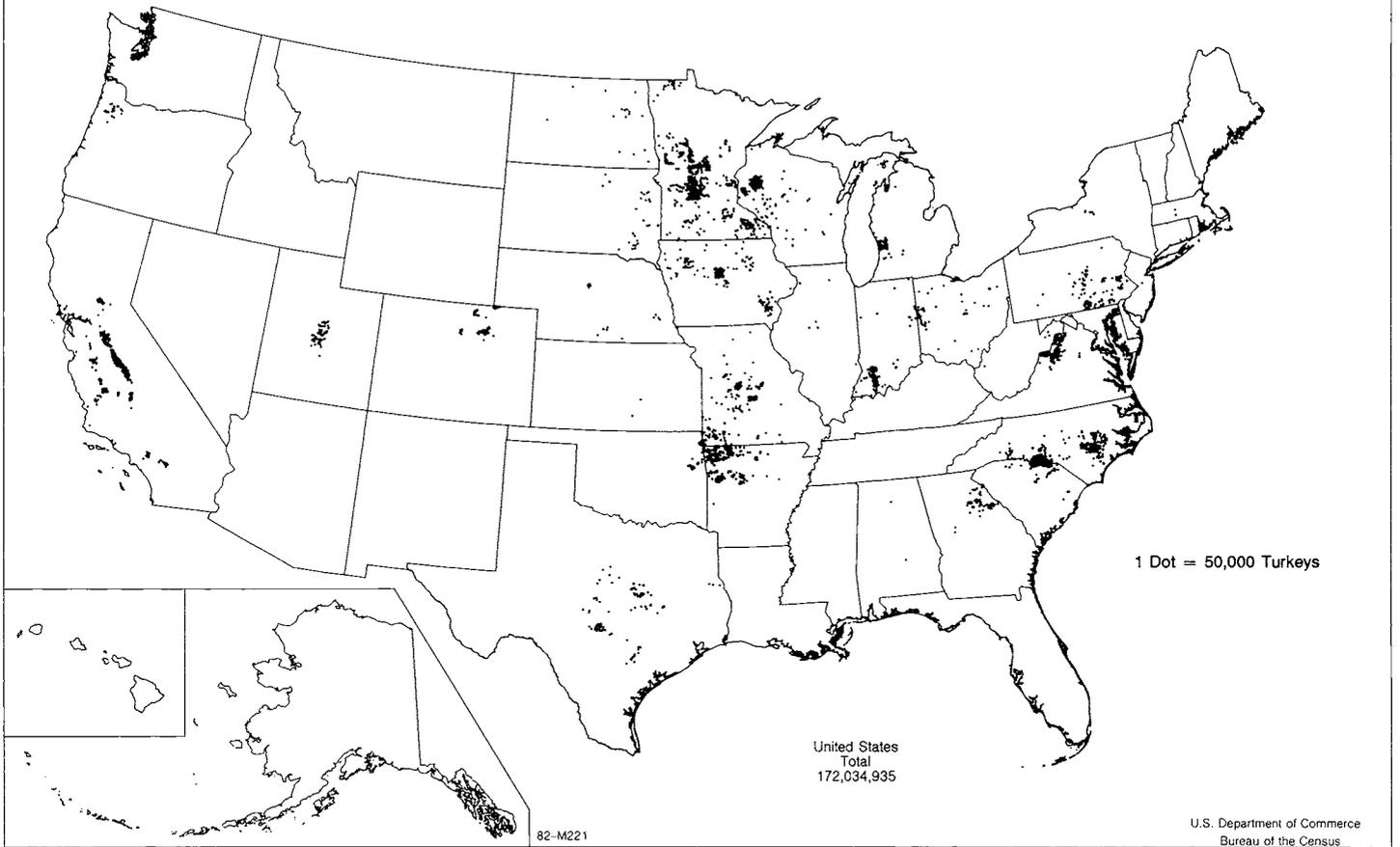
Broilers and Other Meat-Type Chickens Sold -
Change in Number: 1978 to 1982



Broilers and Other Meat-Type Chickens Sold by County: 1982



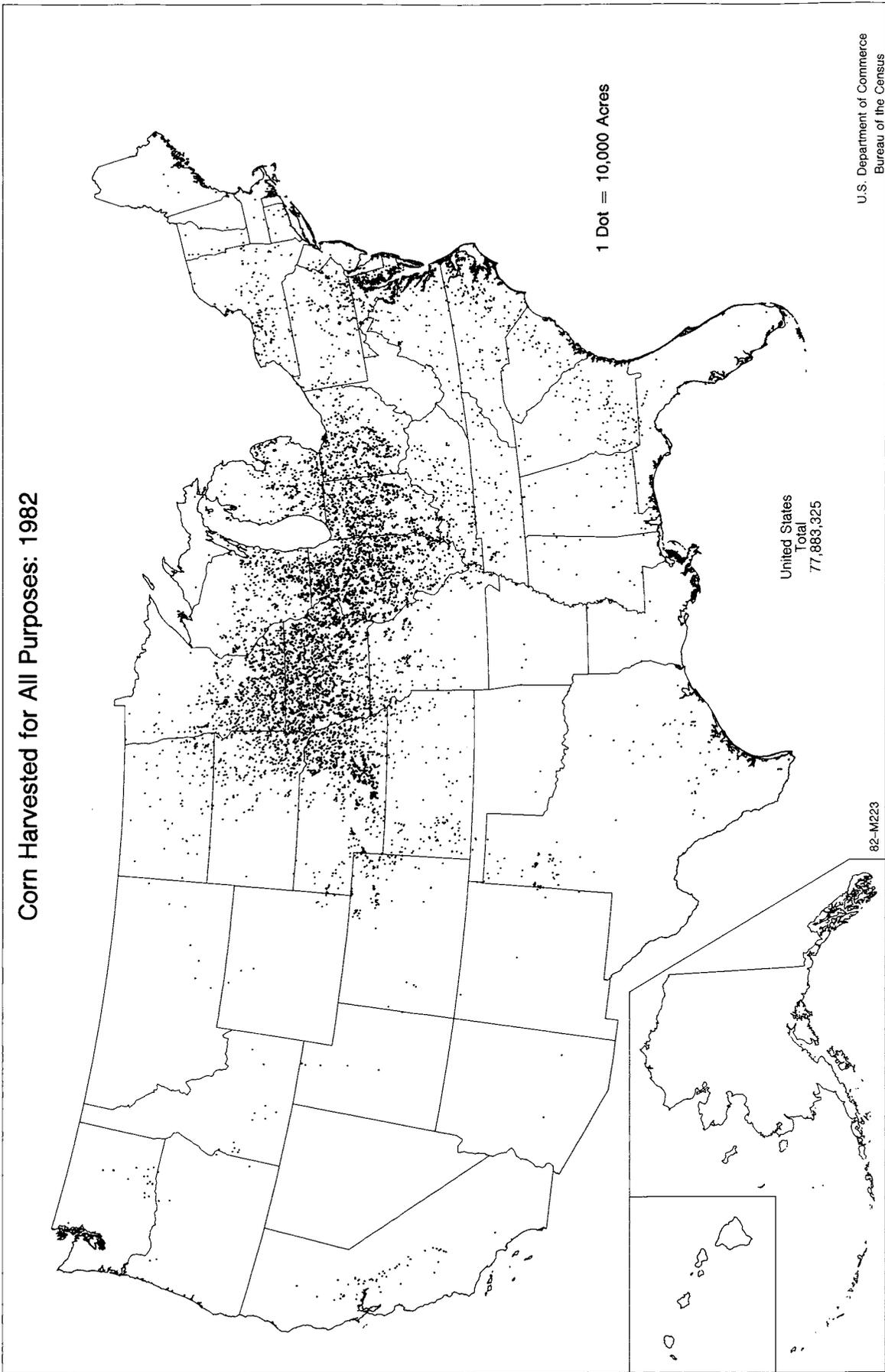
Turkeys Sold: 1982



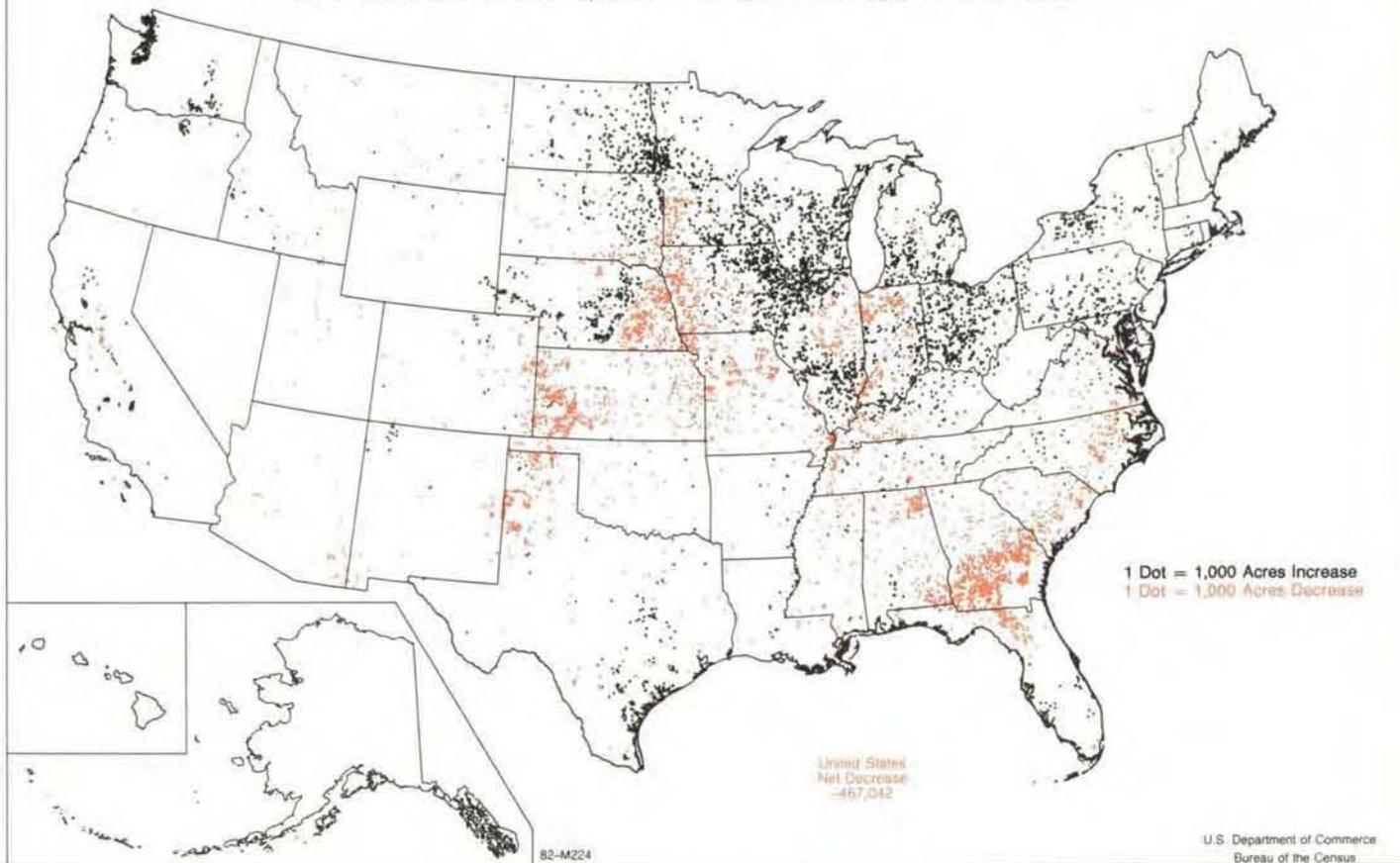
Turkeys Sold - Change in Number: 1978 to 1982



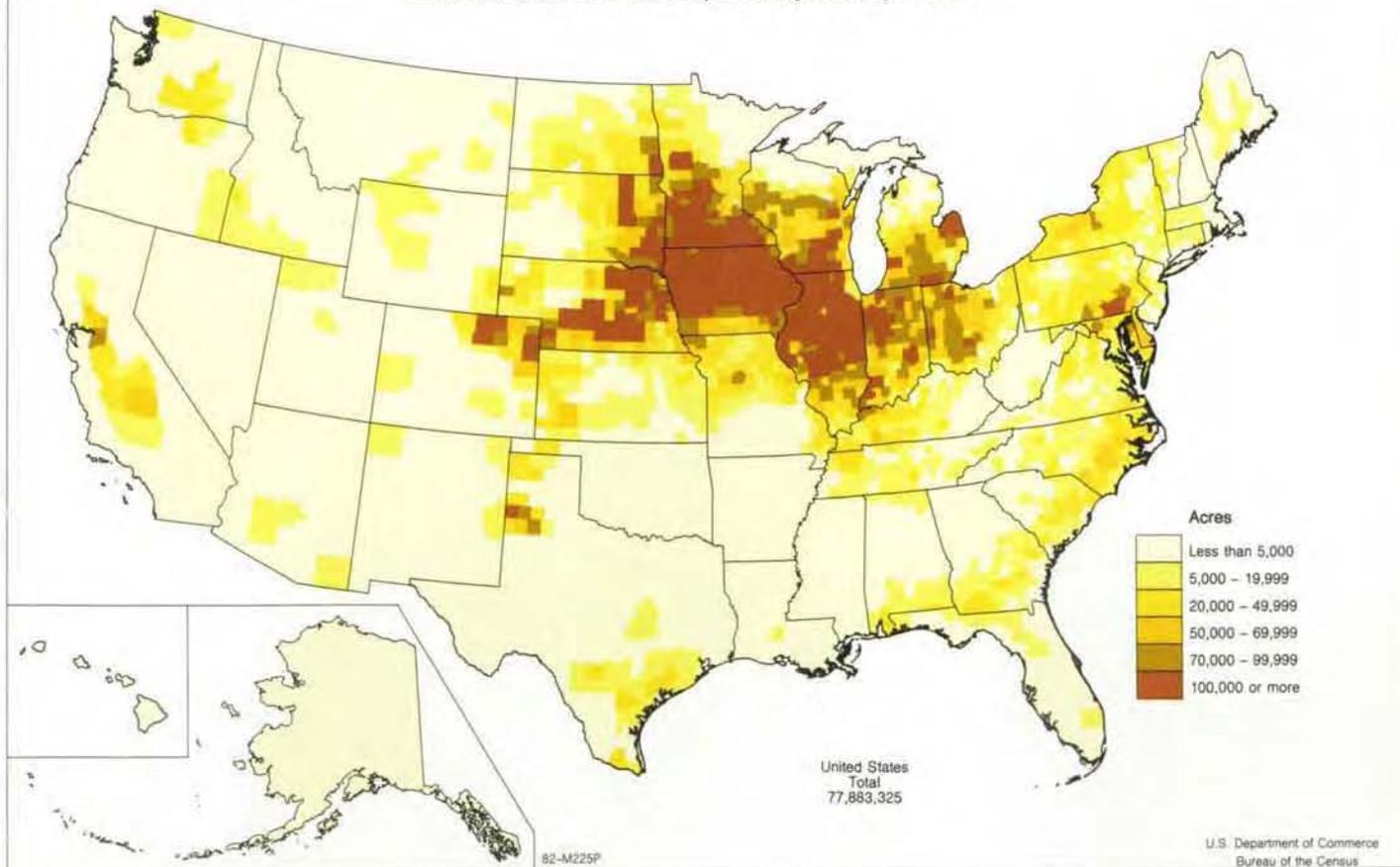
Corn Harvested for All Purposes: 1982



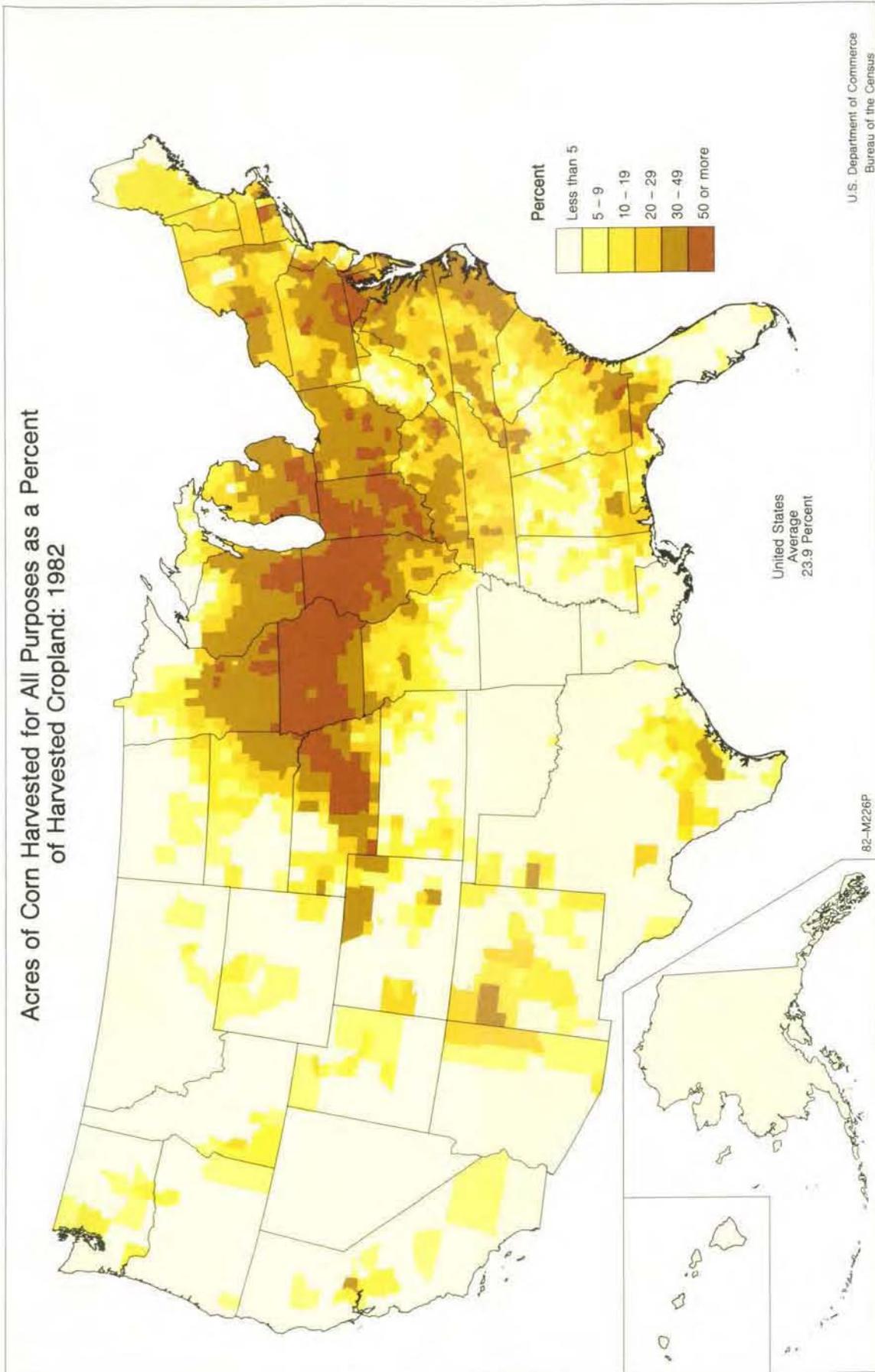
Corn Harvested for All Purposes – Change in Acreage: 1978 to 1982



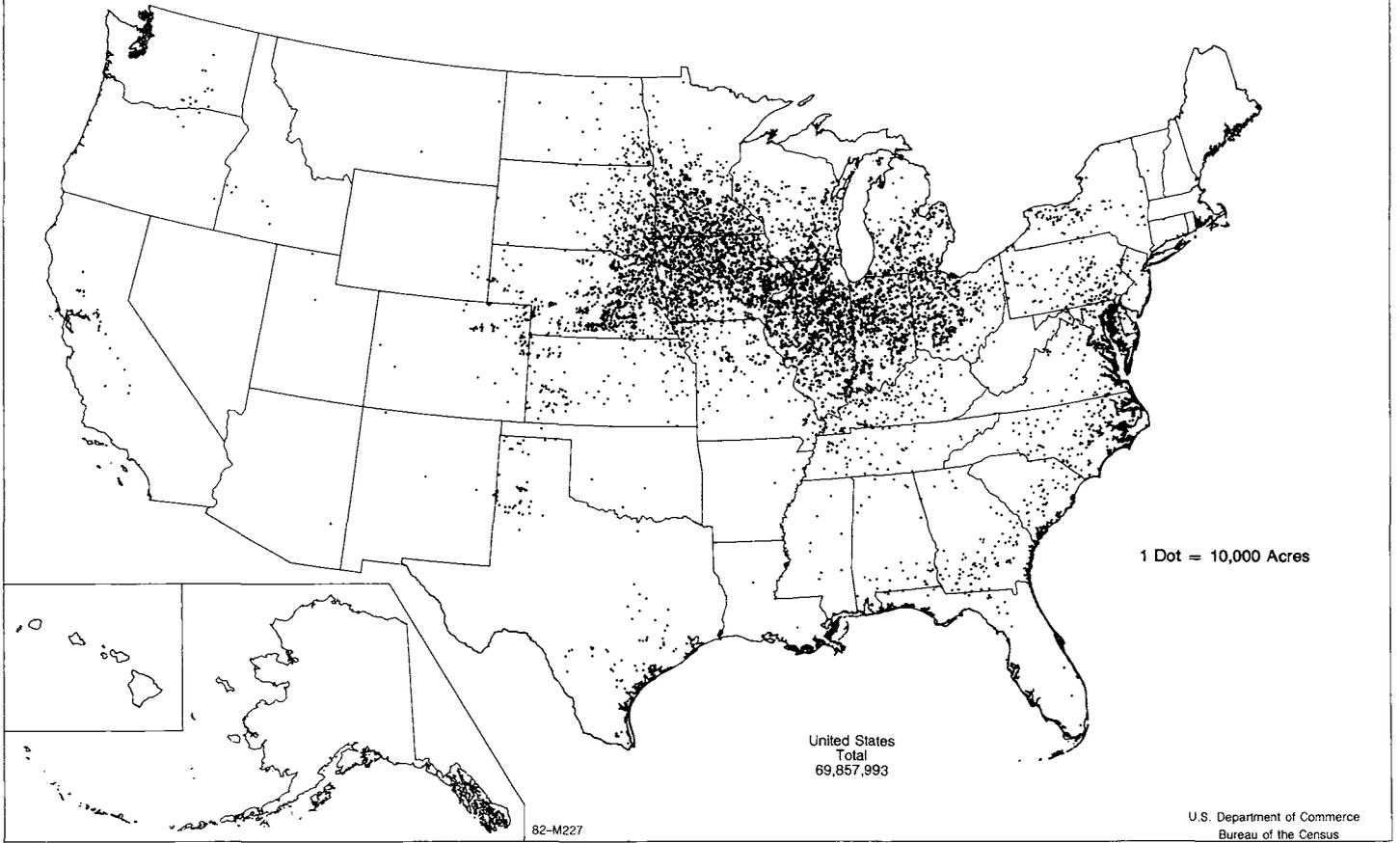
Corn Harvested for All Purposes by County: 1982



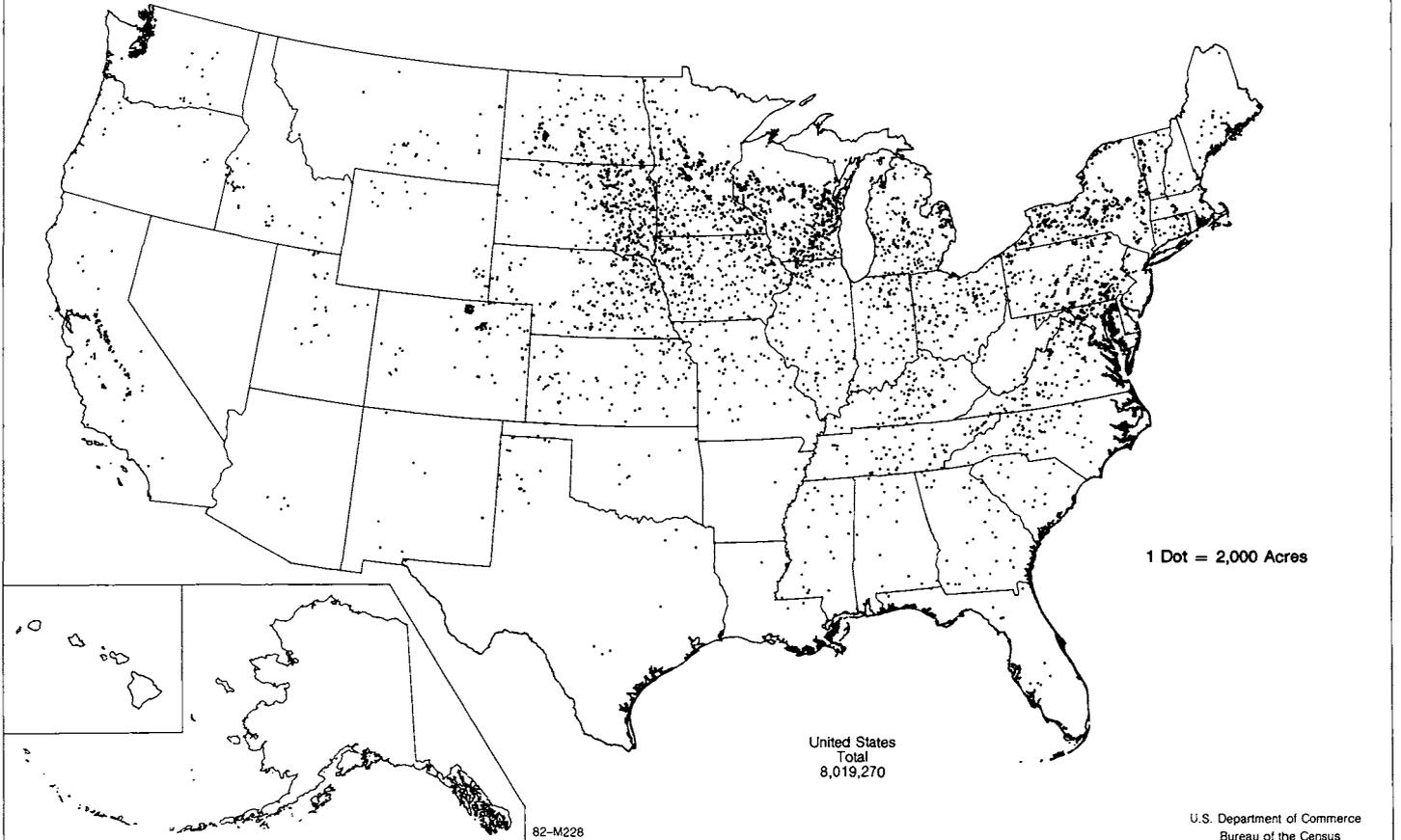
Acres of Corn Harvested for All Purposes as a Percent
of Harvested Cropland: 1982

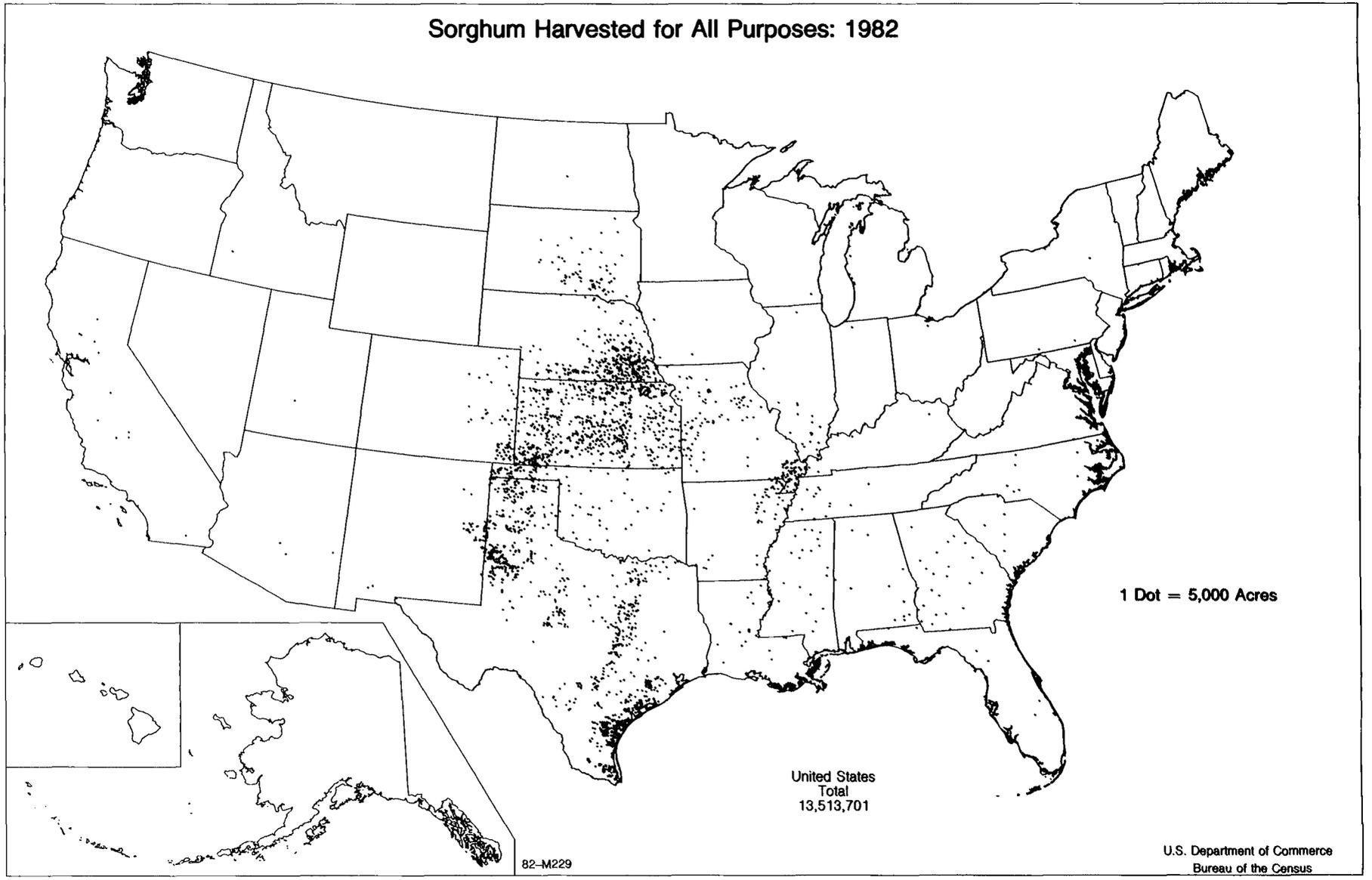


Corn Harvested for Grain or Seed: 1982

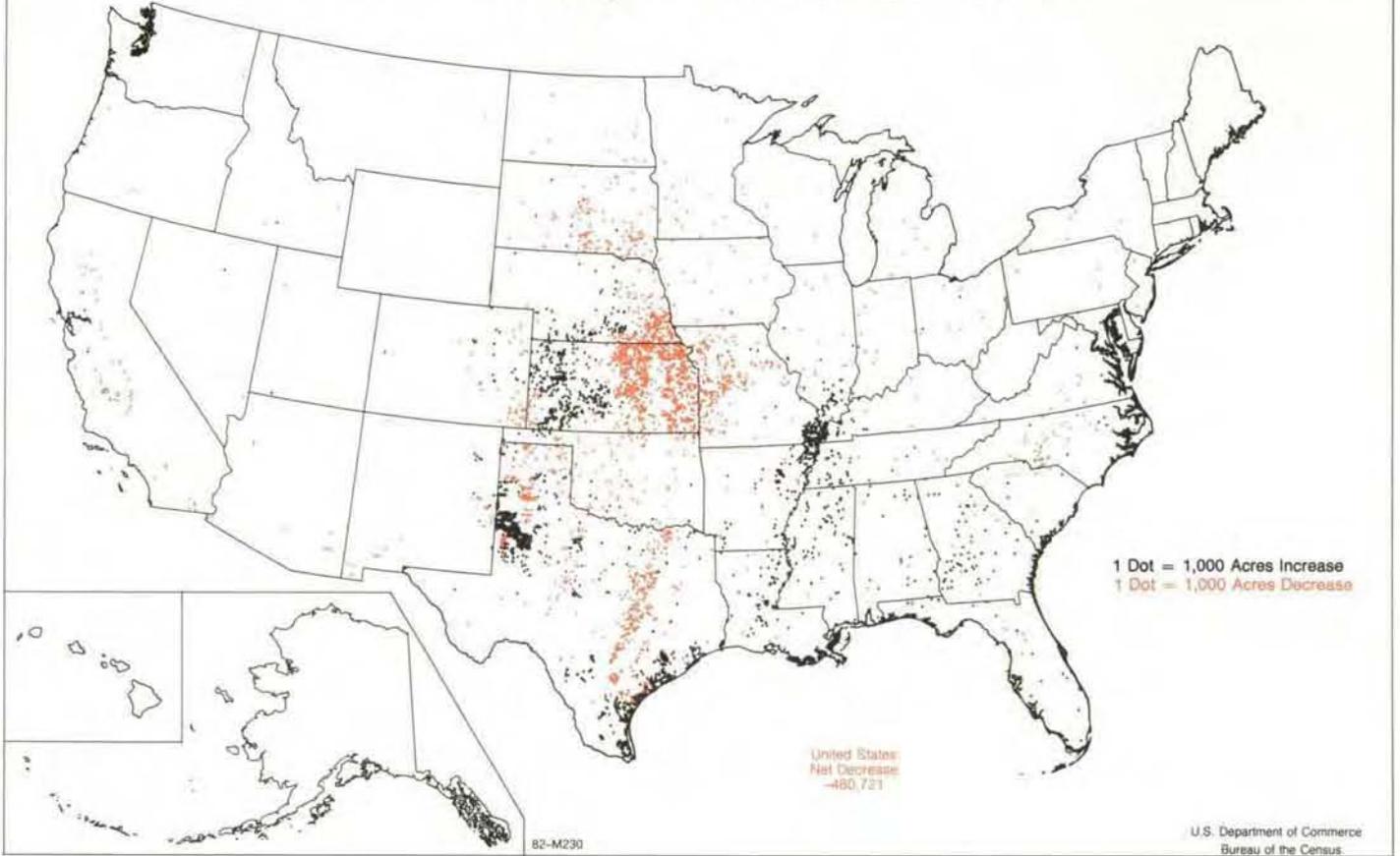


Corn Cut for Silage or Green Chop: 1982

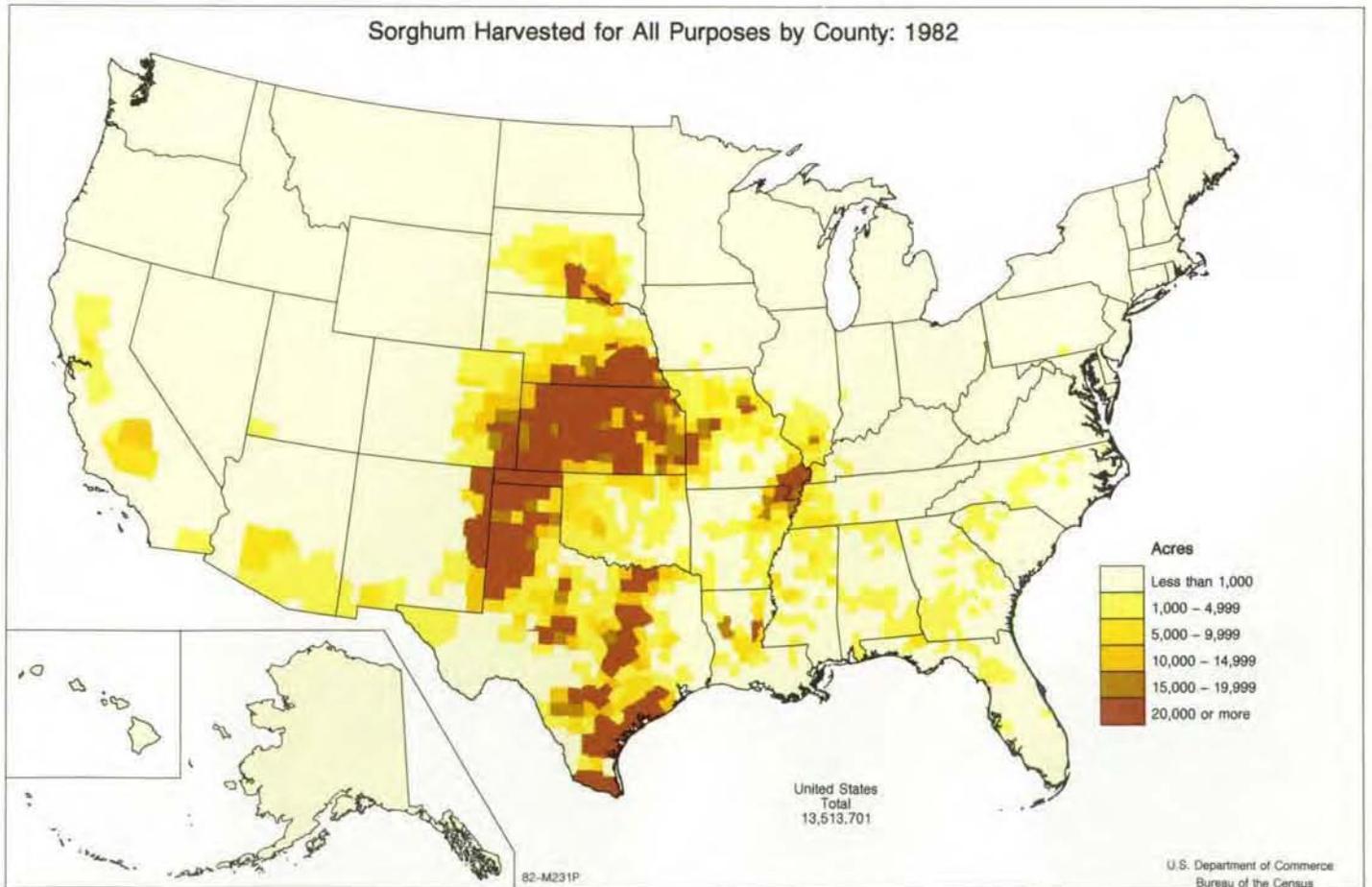




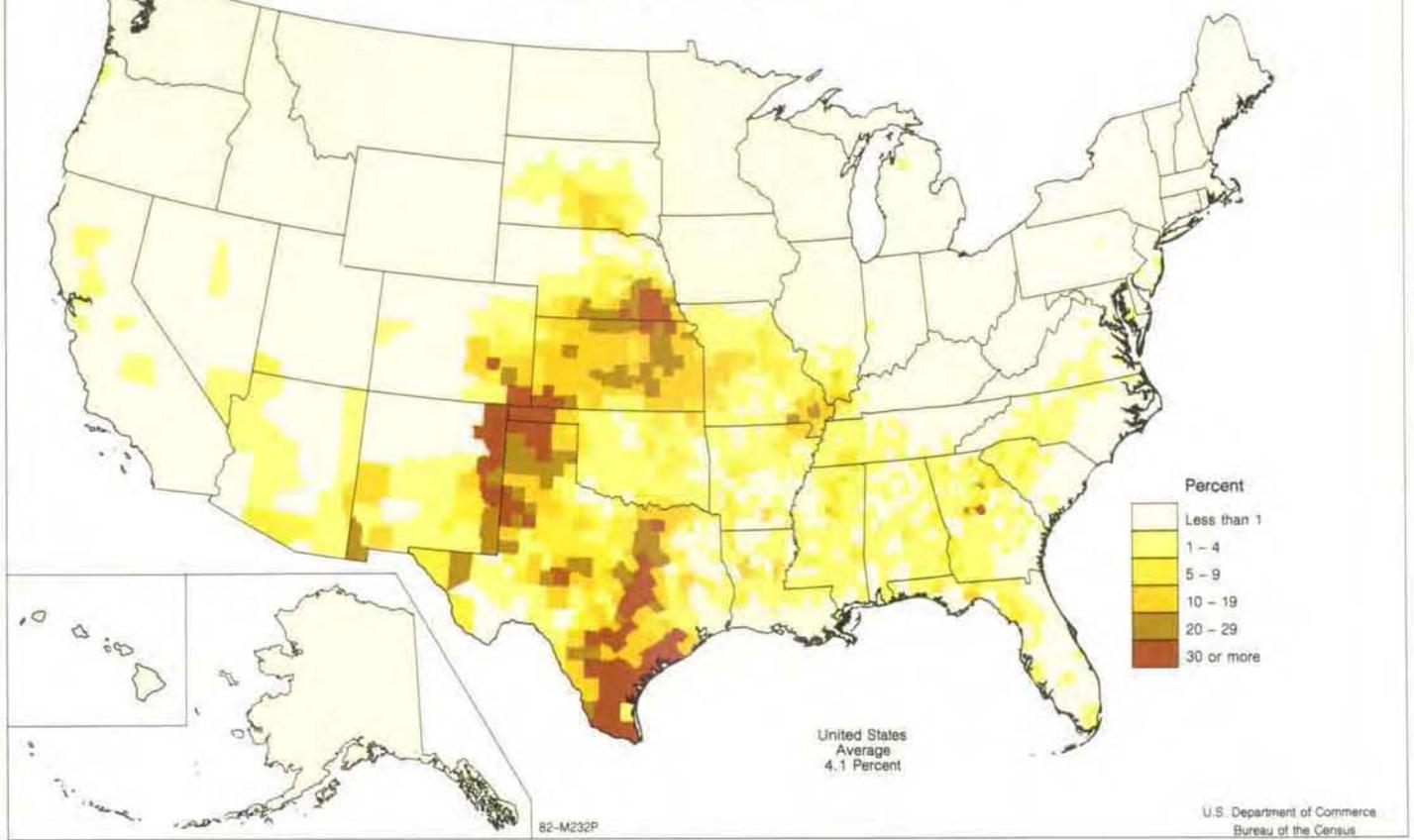
Sorghum Harvested for All Purposes - Change in Acreage: 1978 to 1982



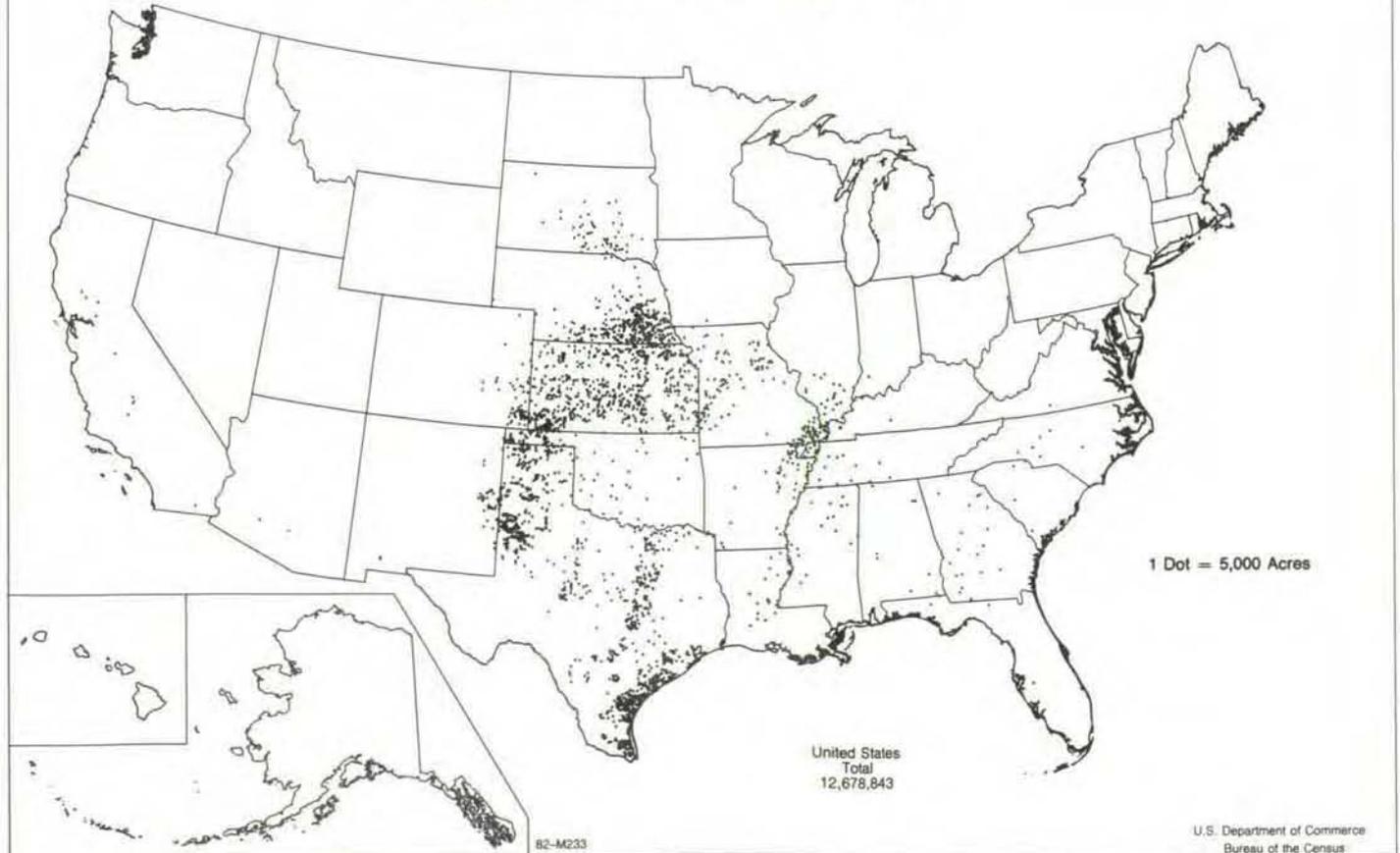
Sorghum Harvested for All Purposes by County: 1982



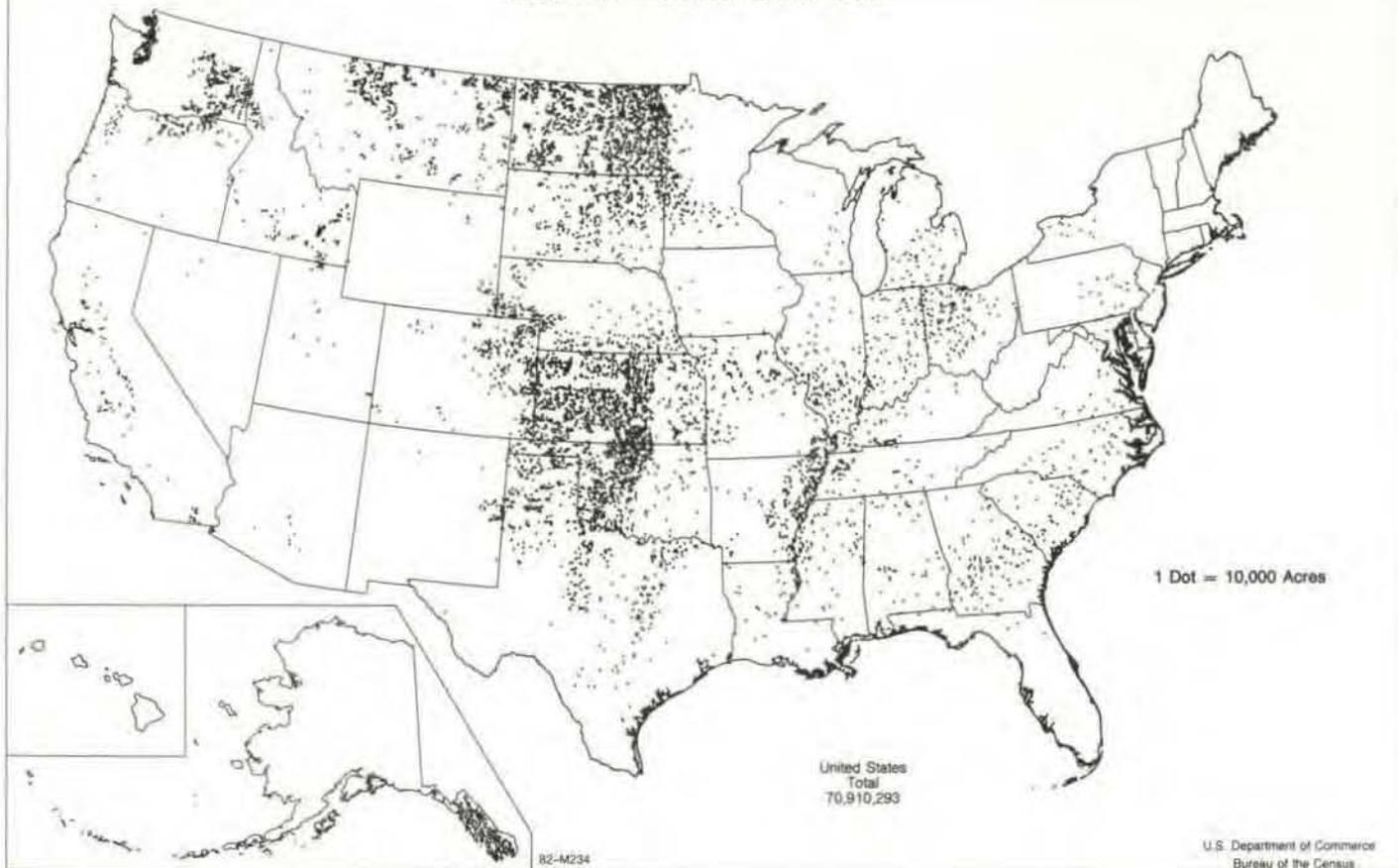
Acres of Sorghum Harvested for All Purposes as a Percent of Harvested Cropland: 1982



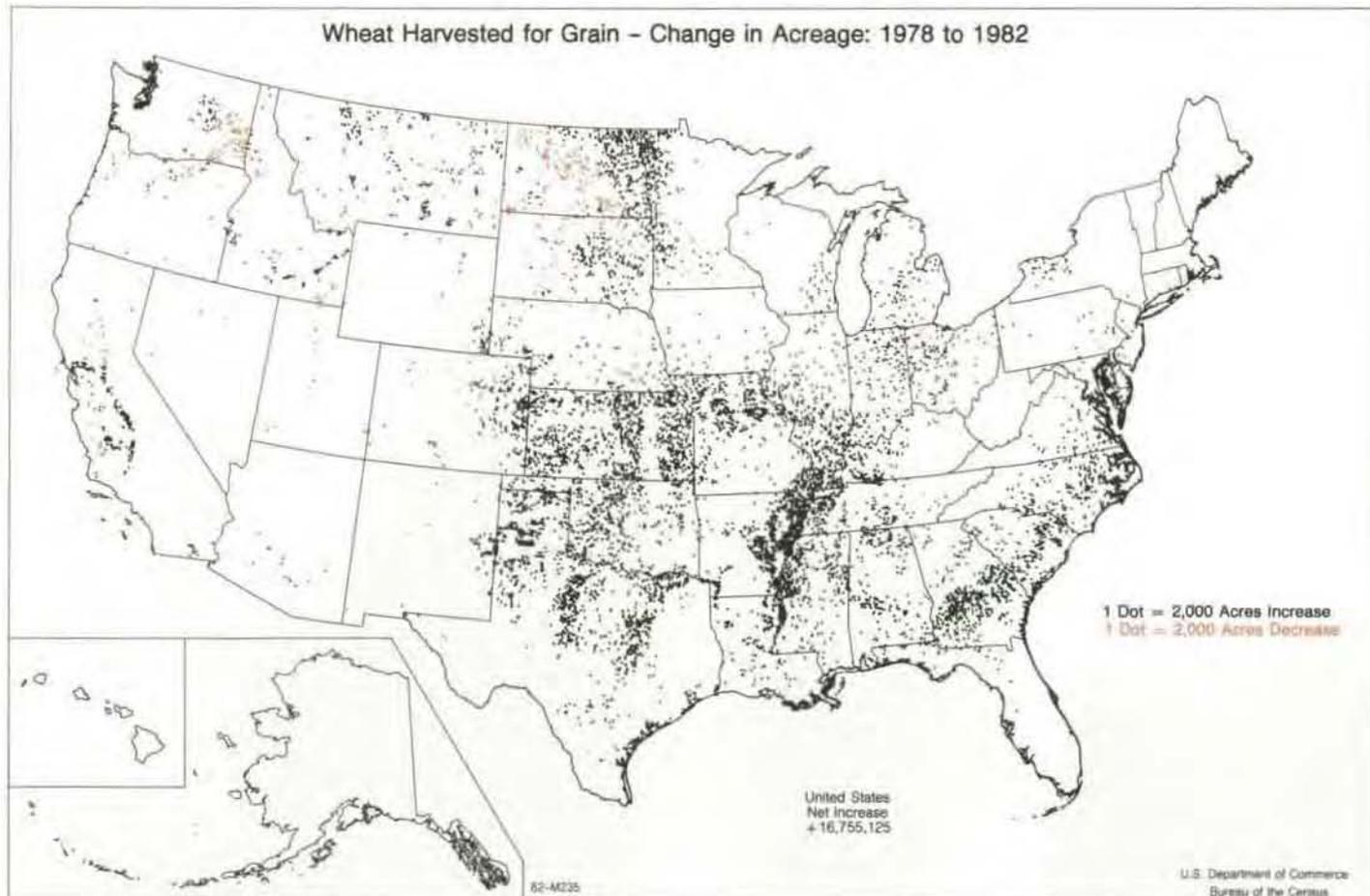
Sorghum Harvested for Grain or Seed: 1982



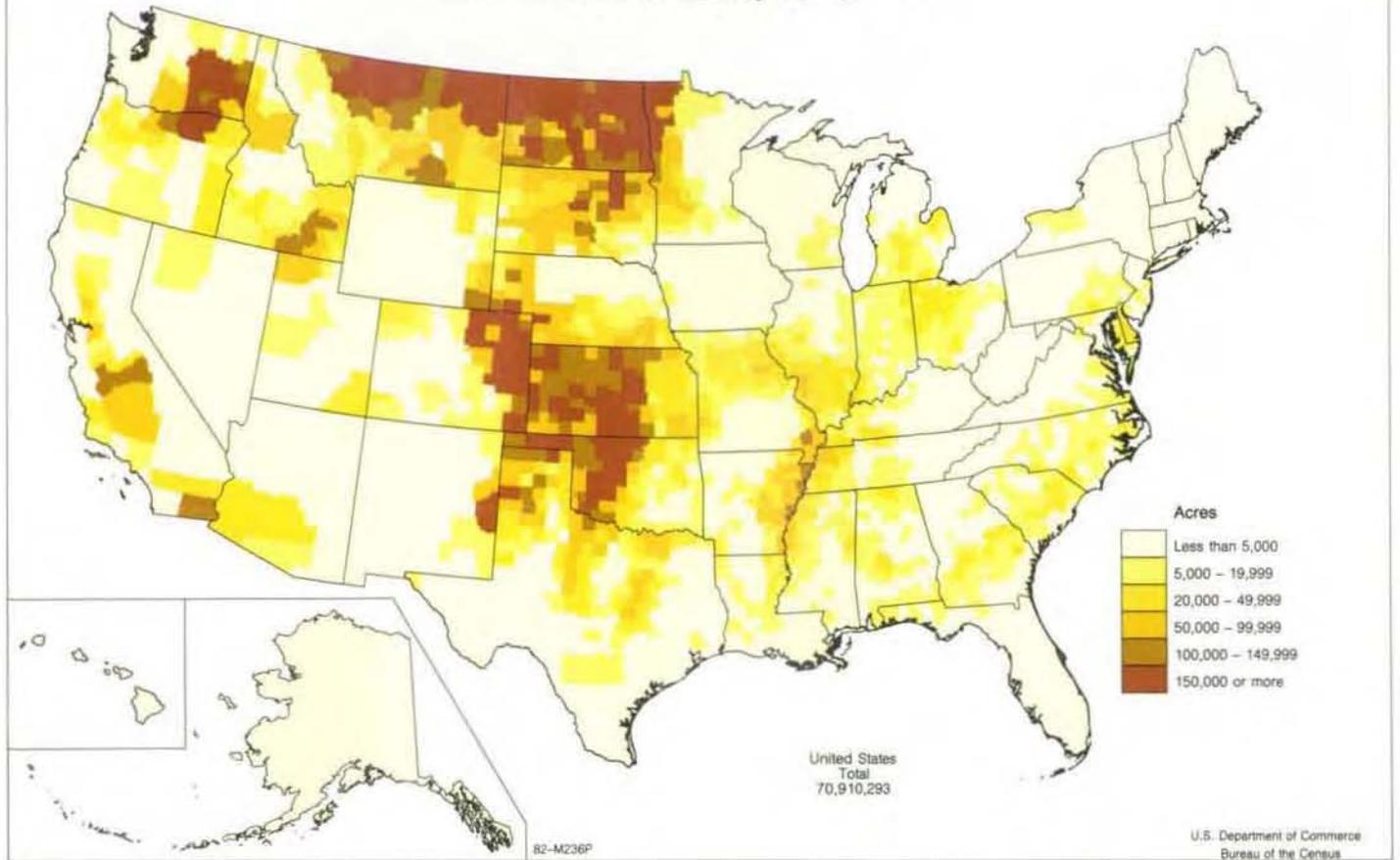
Wheat Harvested for Grain: 1982



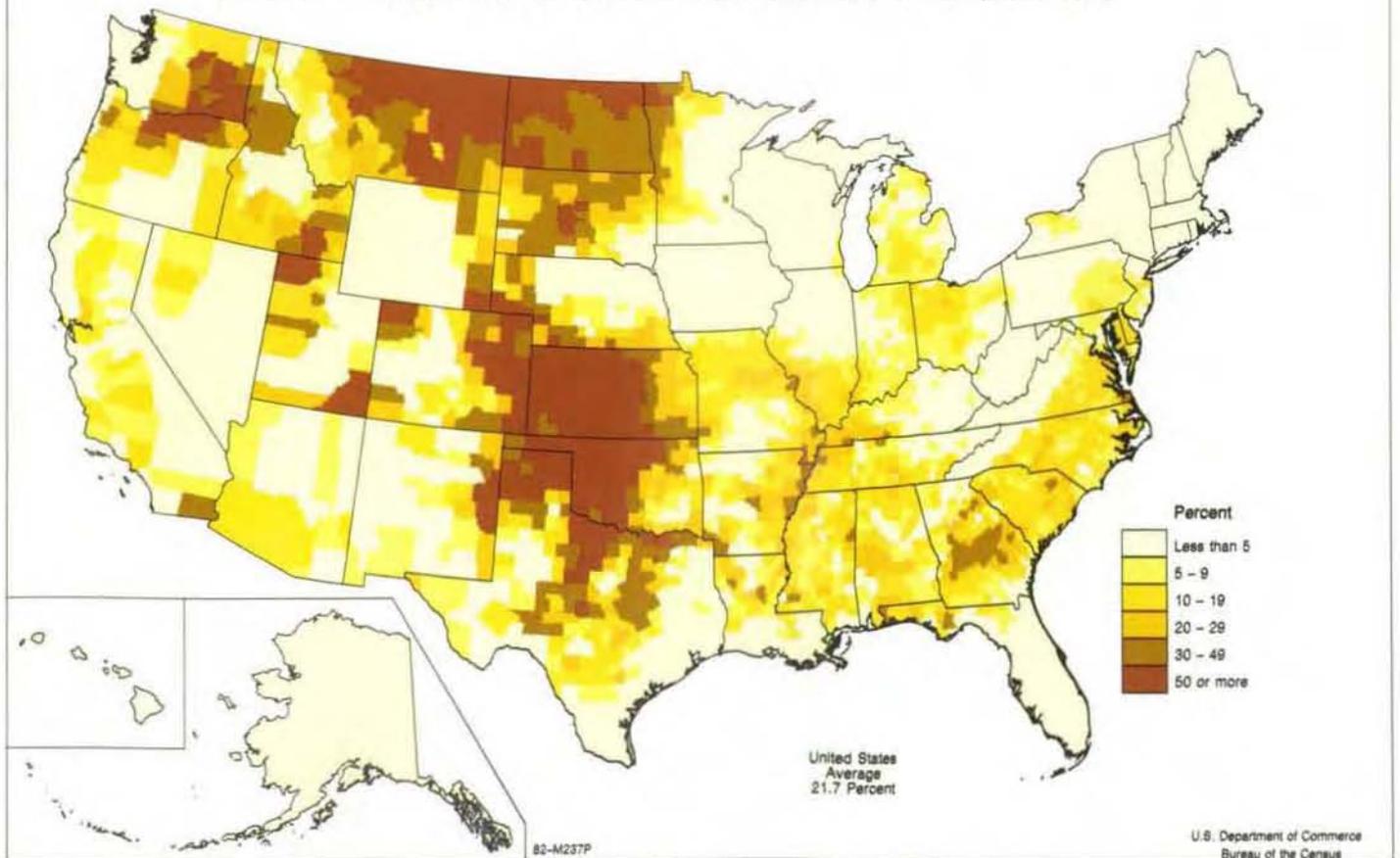
Wheat Harvested for Grain - Change in Acreage: 1978 to 1982



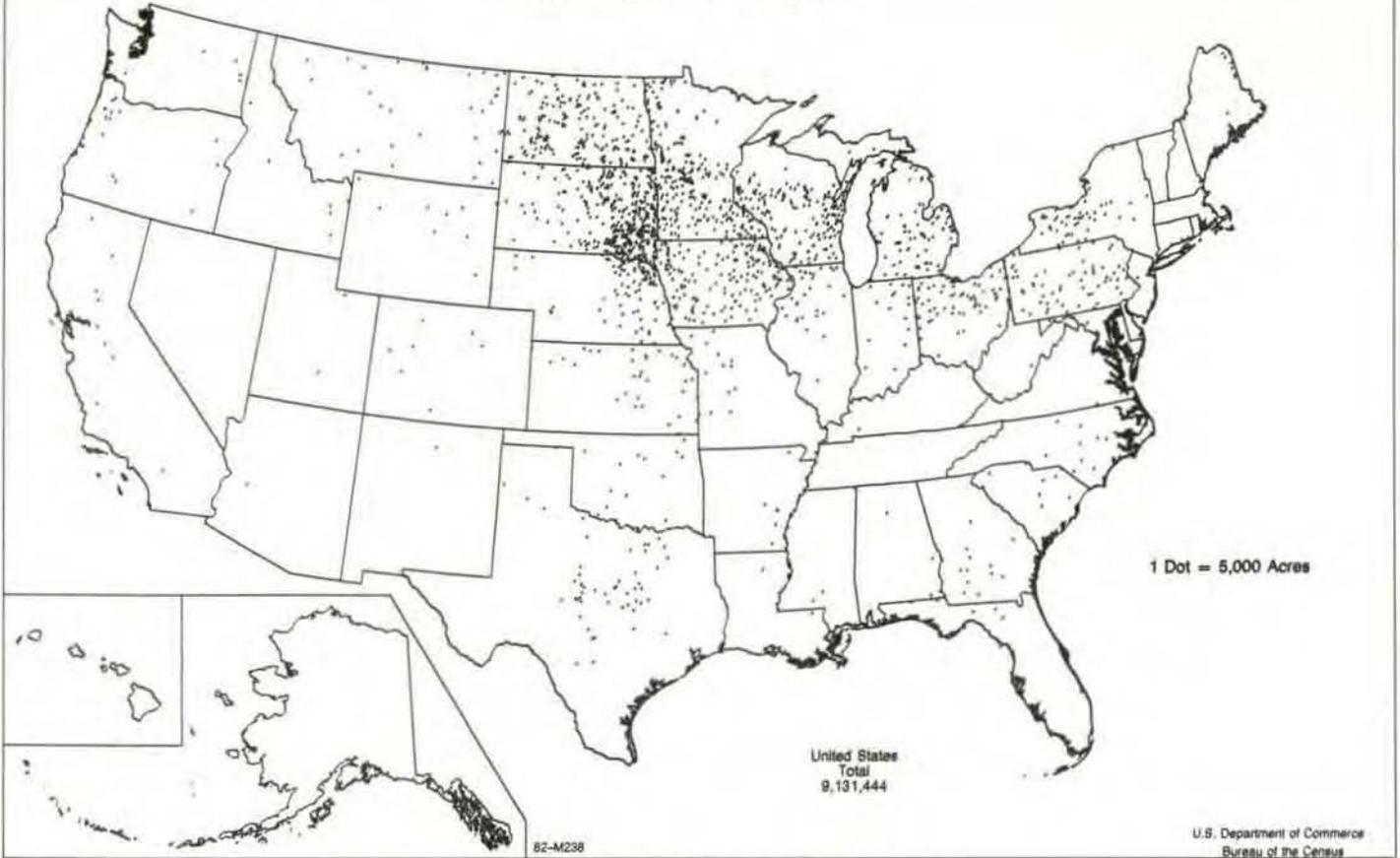
Wheat Harvested for Grain by County: 1982



Acres of Wheat Harvested for Grain as a Percent of Harvested Cropland: 1982



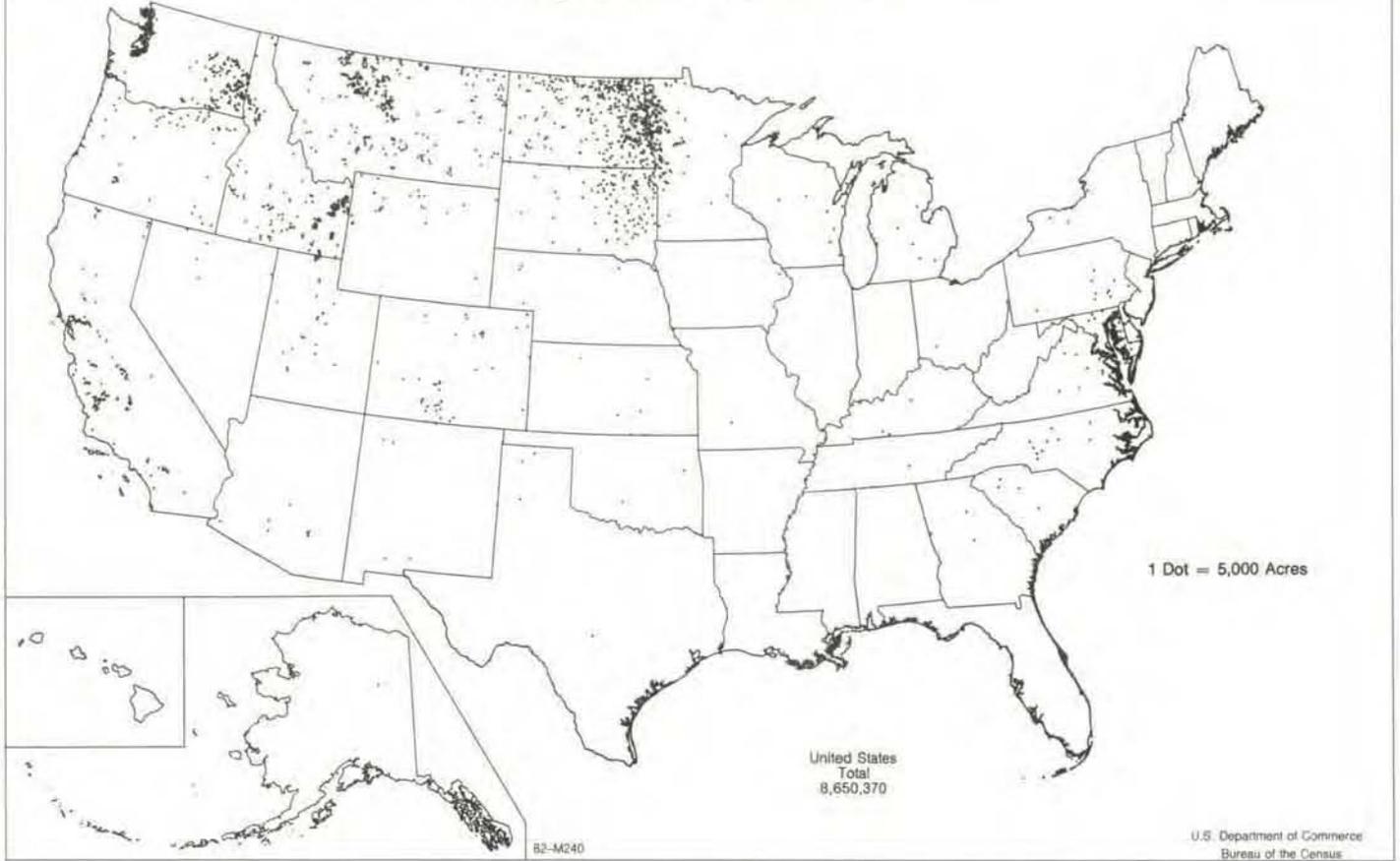
Oats Harvested for Grain: 1982



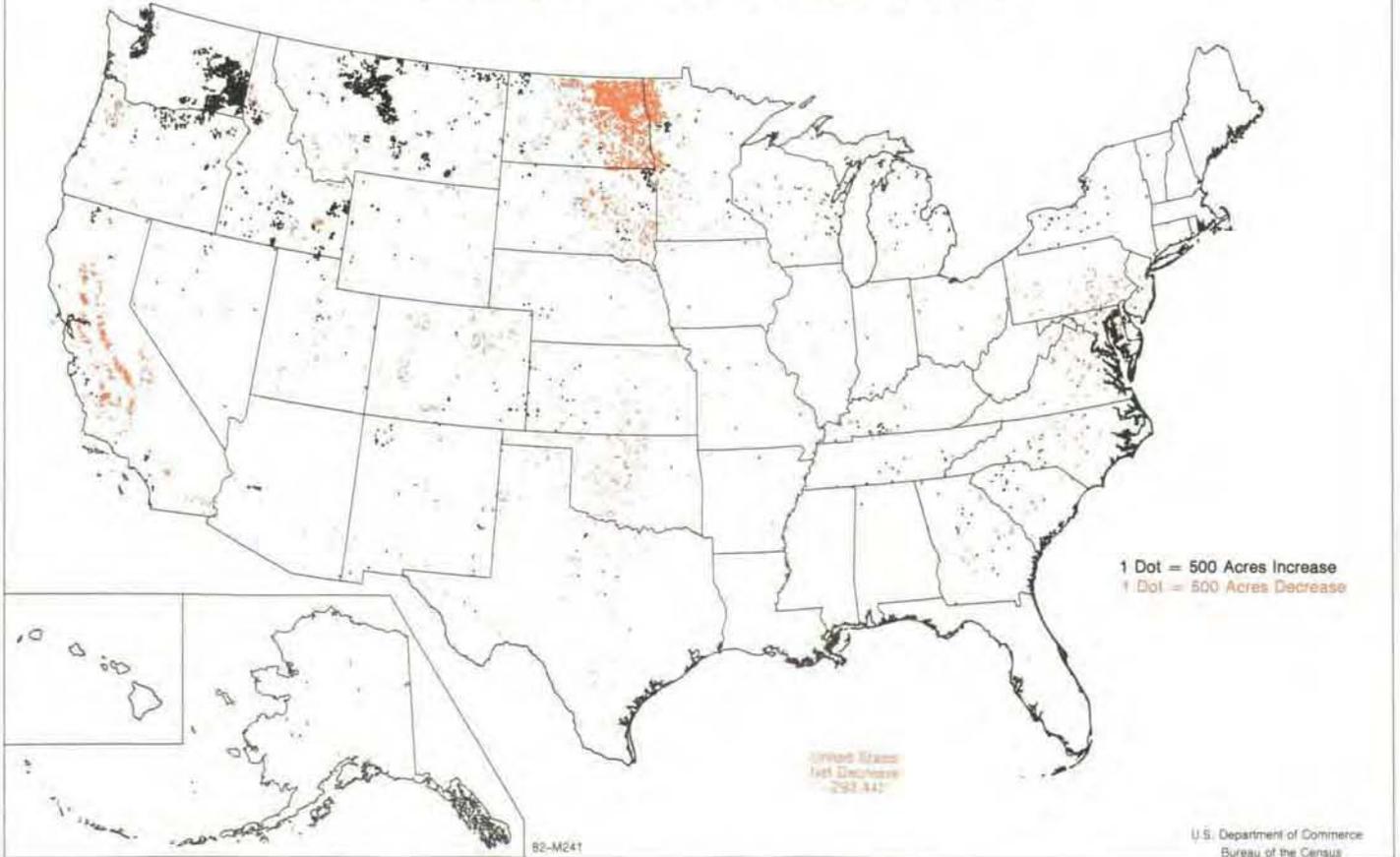
Oats Harvested for Grain - Change in Acreage: 1978 to 1982



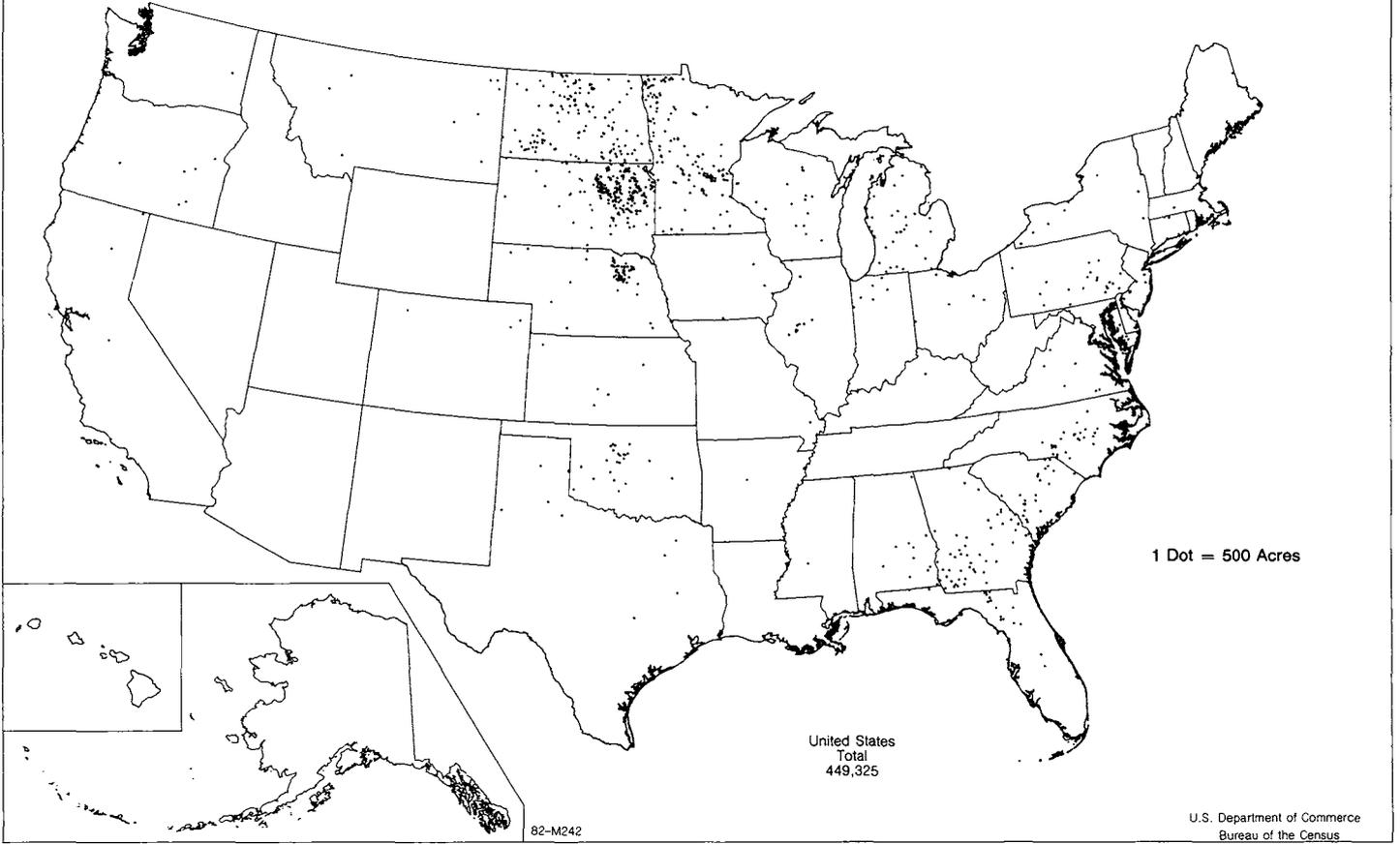
Barley Harvested for Grain: 1982



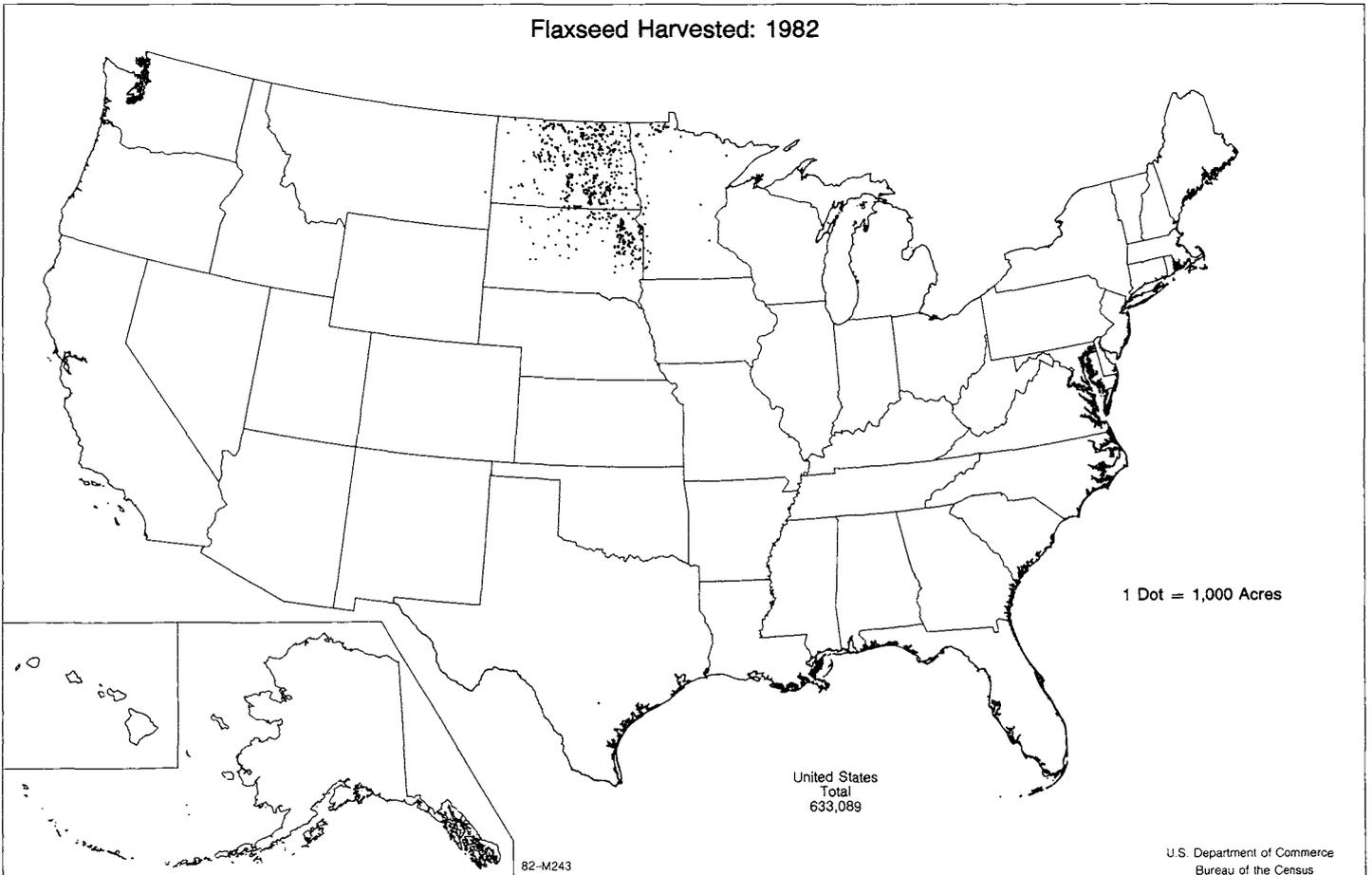
Barley Harvested for Grain - Change in Acreage: 1978 to 1982



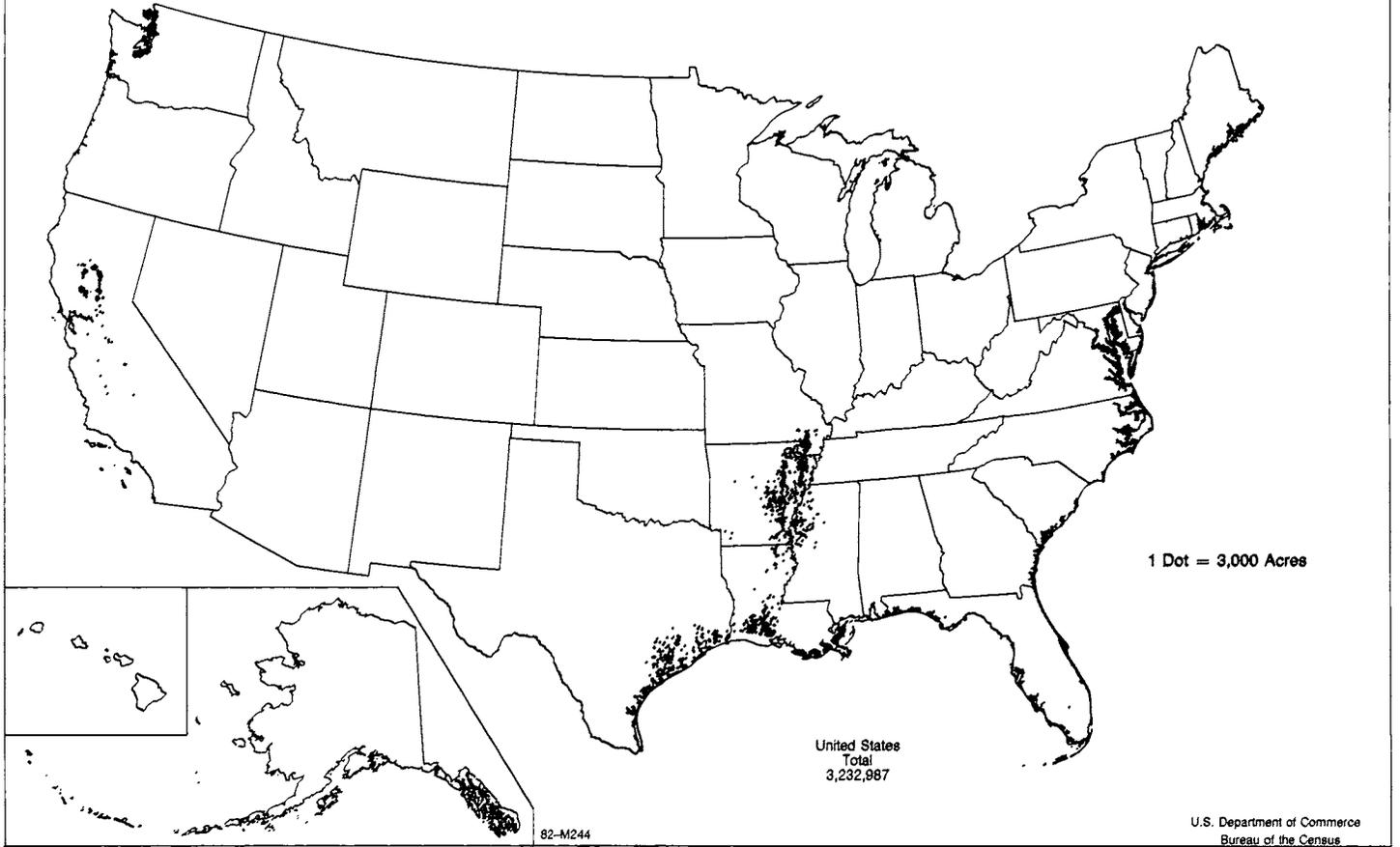
Rye Harvested for Grain: 1982

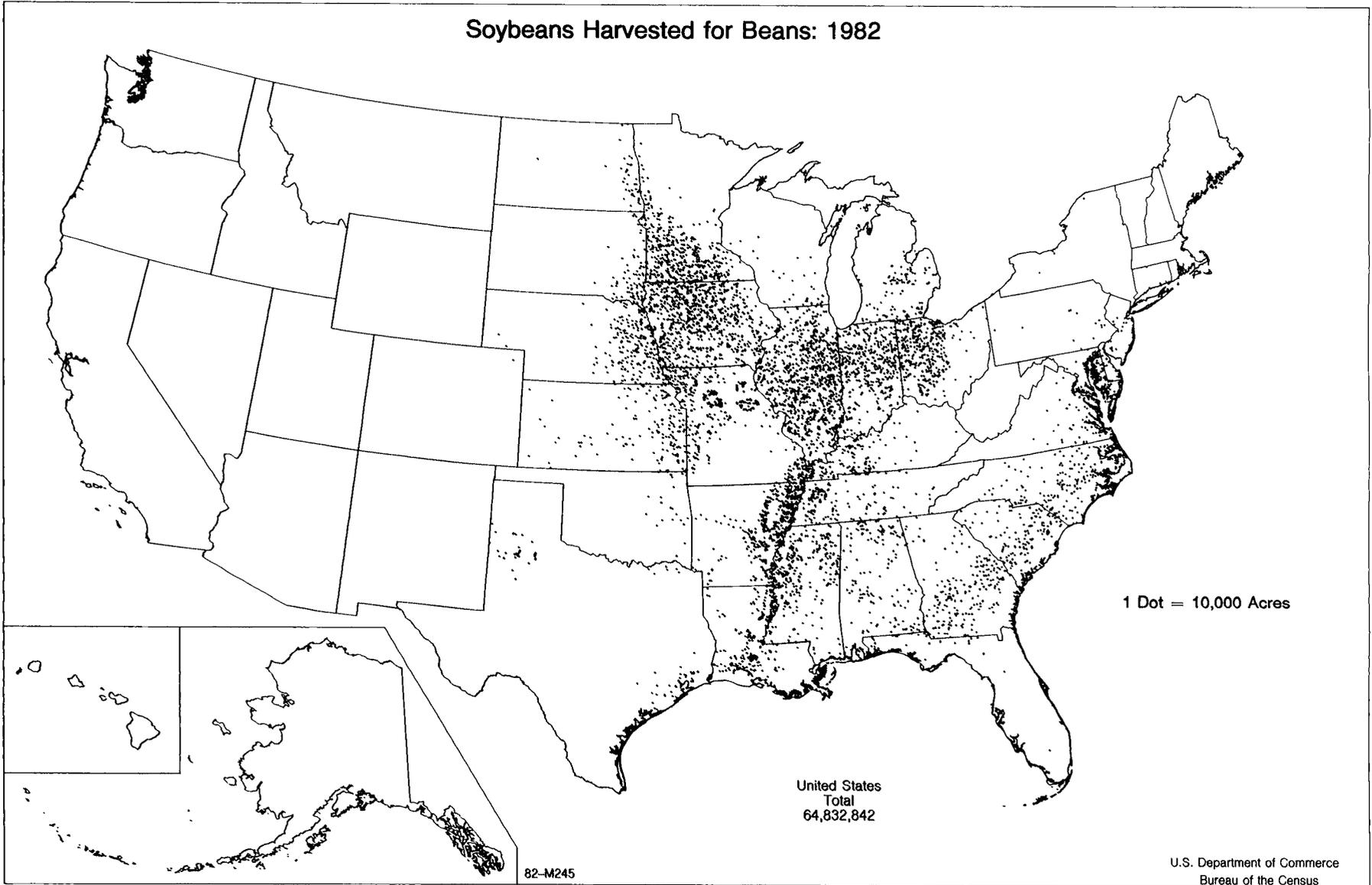


Flaxseed Harvested: 1982

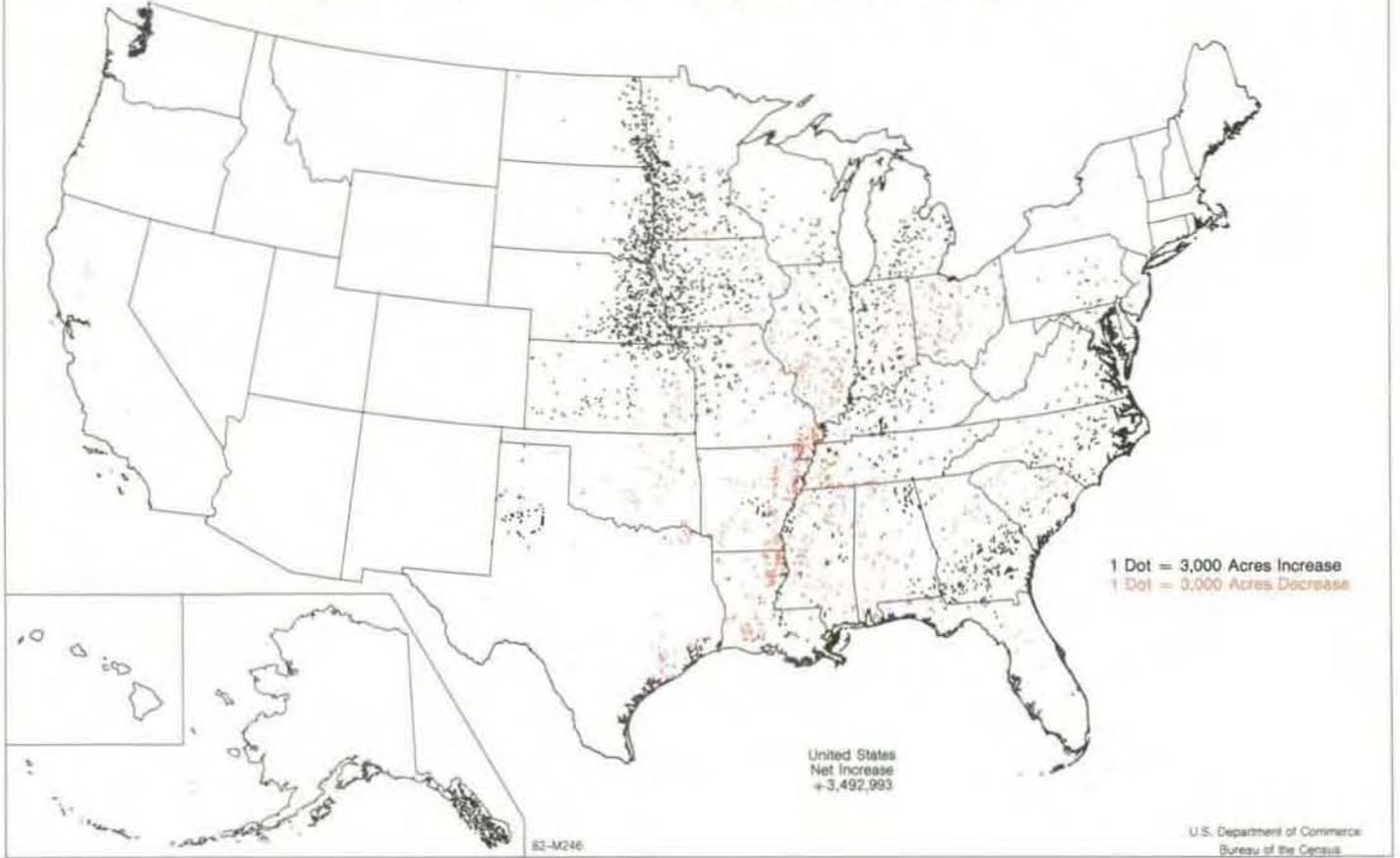


Rice Harvested: 1982

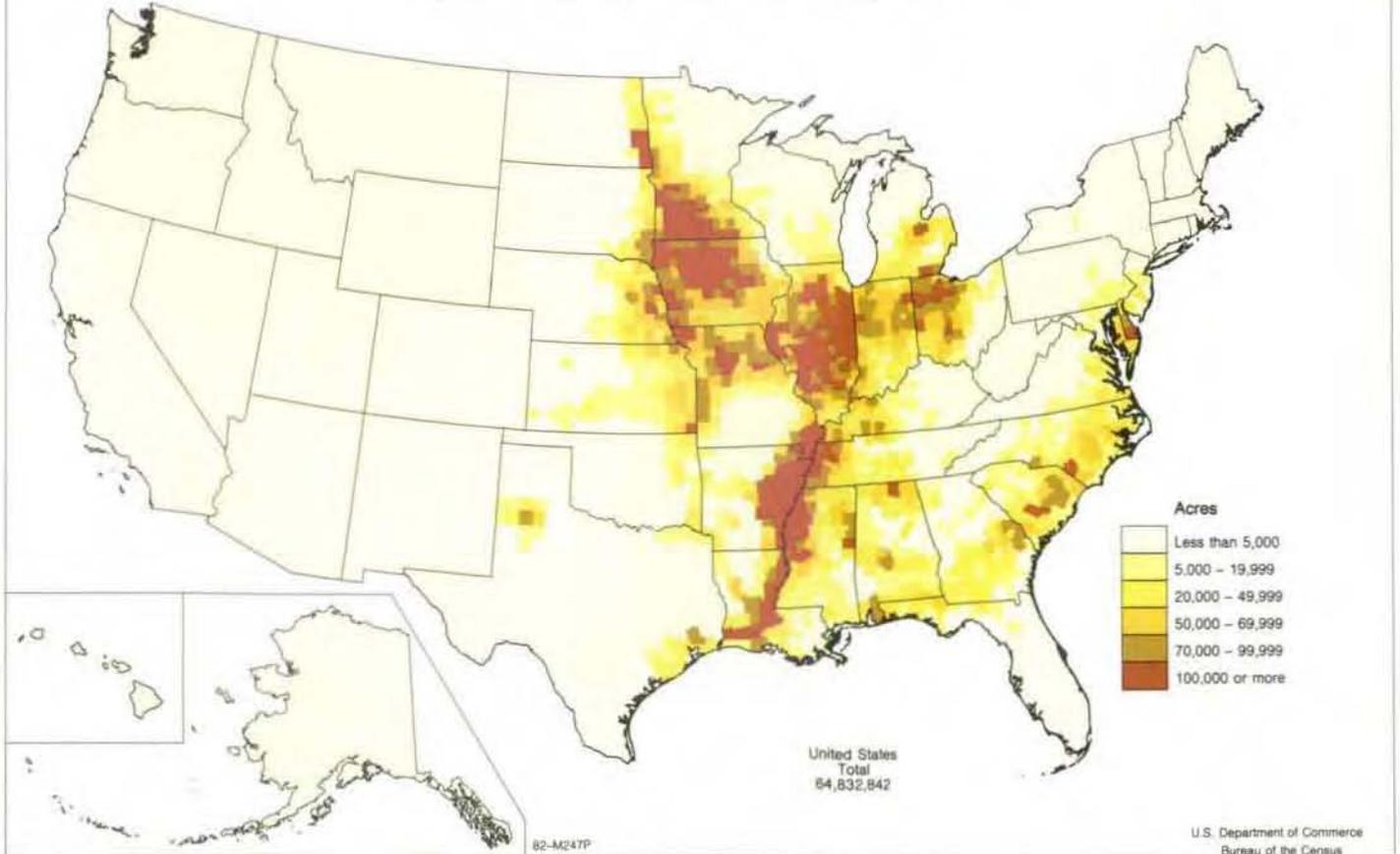




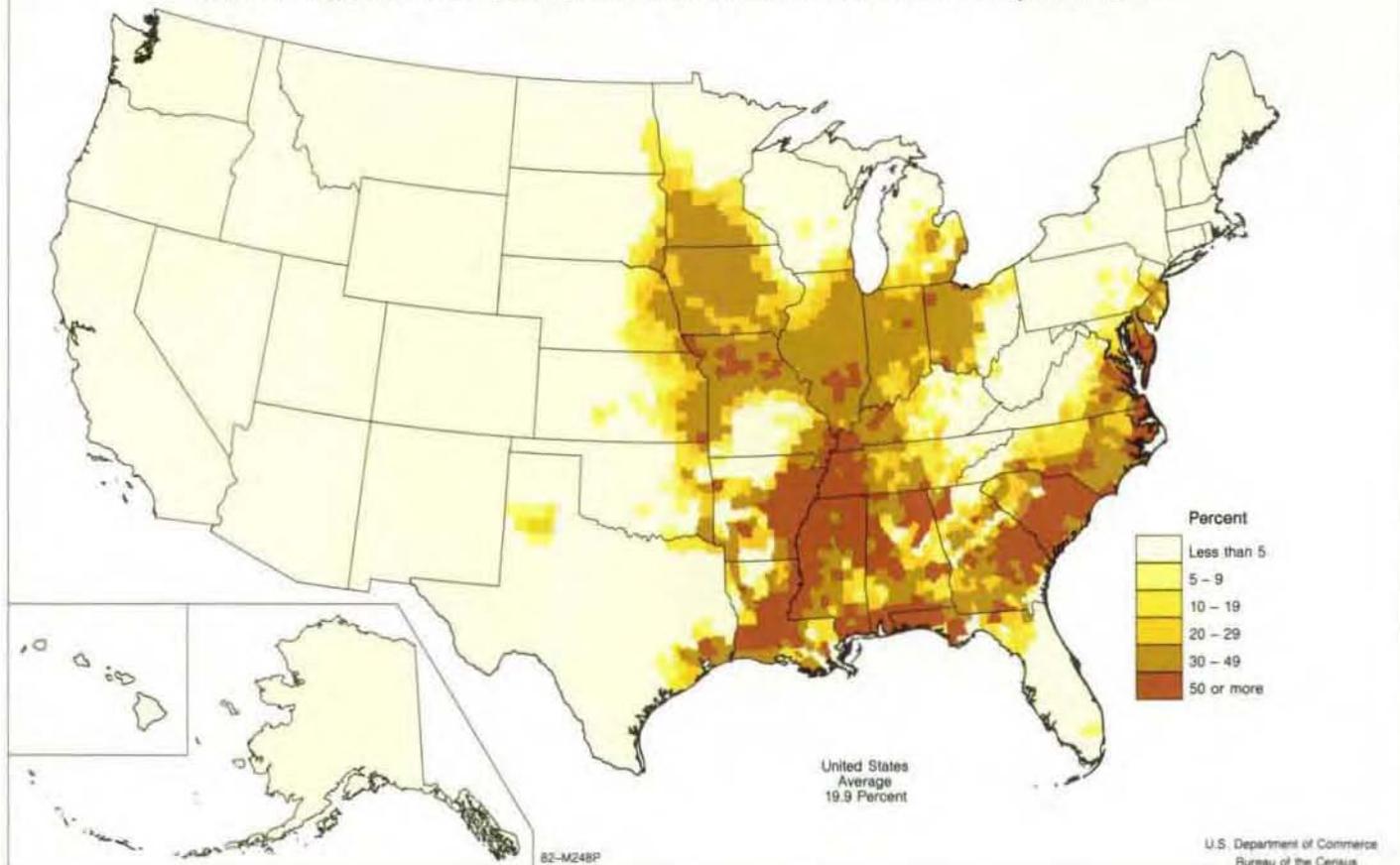
Soybeans Harvested for Beans - Change in Acreage: 1978 to 1982



Soybeans Harvested for Beans by County: 1982



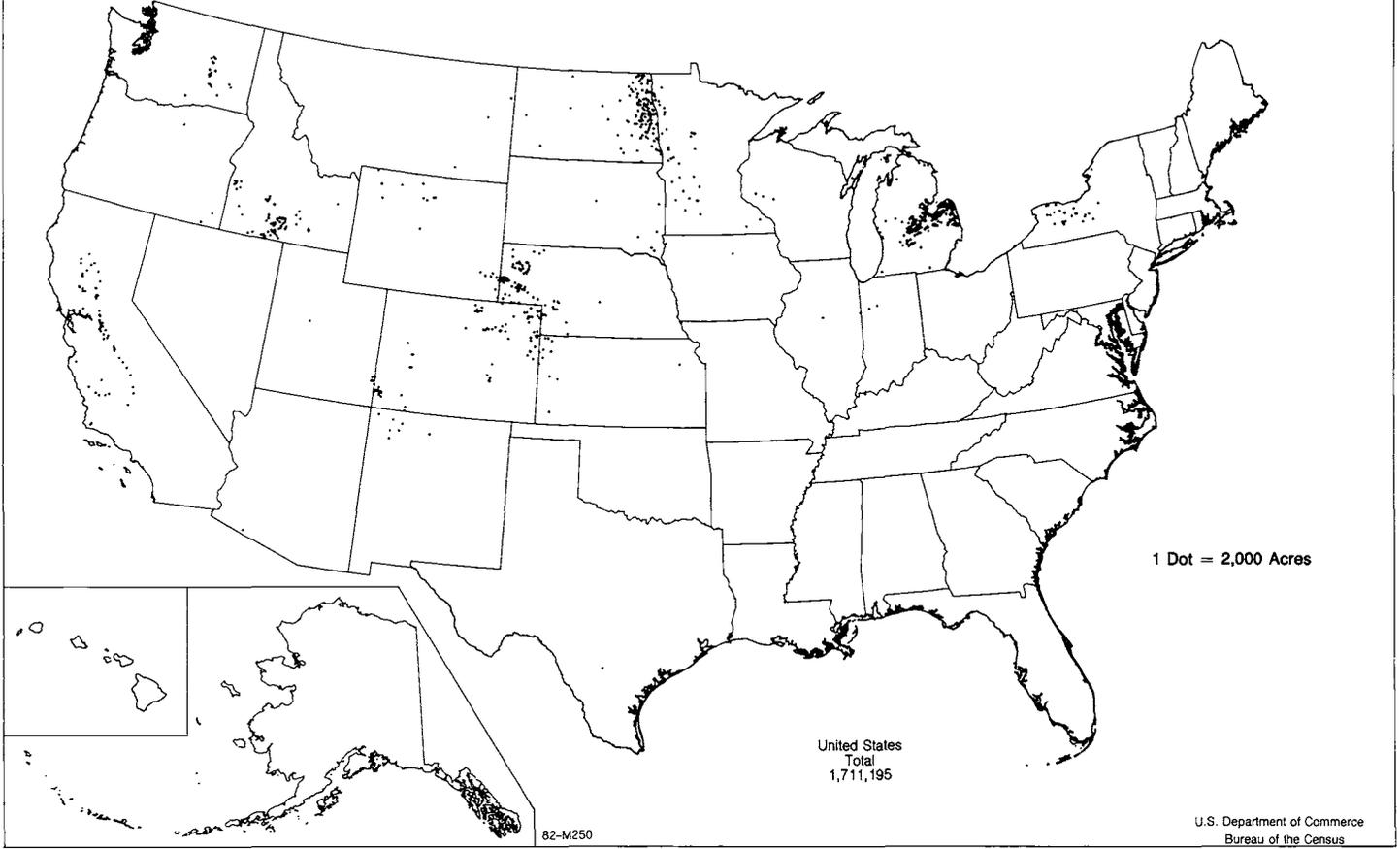
Acres of Soybeans Harvested for Beans as a Percent of Harvested Cropland: 1982



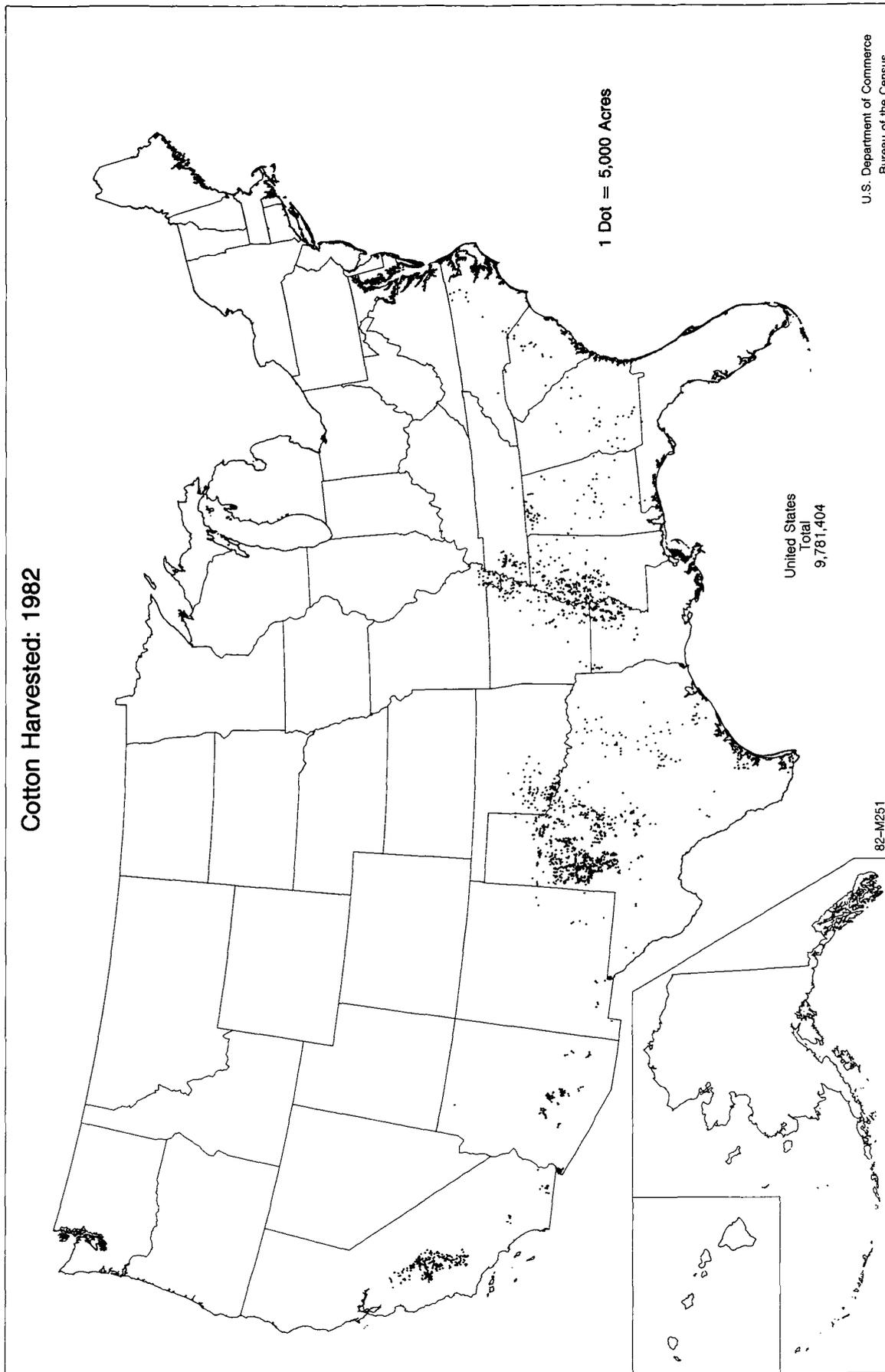
Peanuts Harvested for Nuts: 1982



Dry Edible Beans, Excluding Dry Limas: 1982



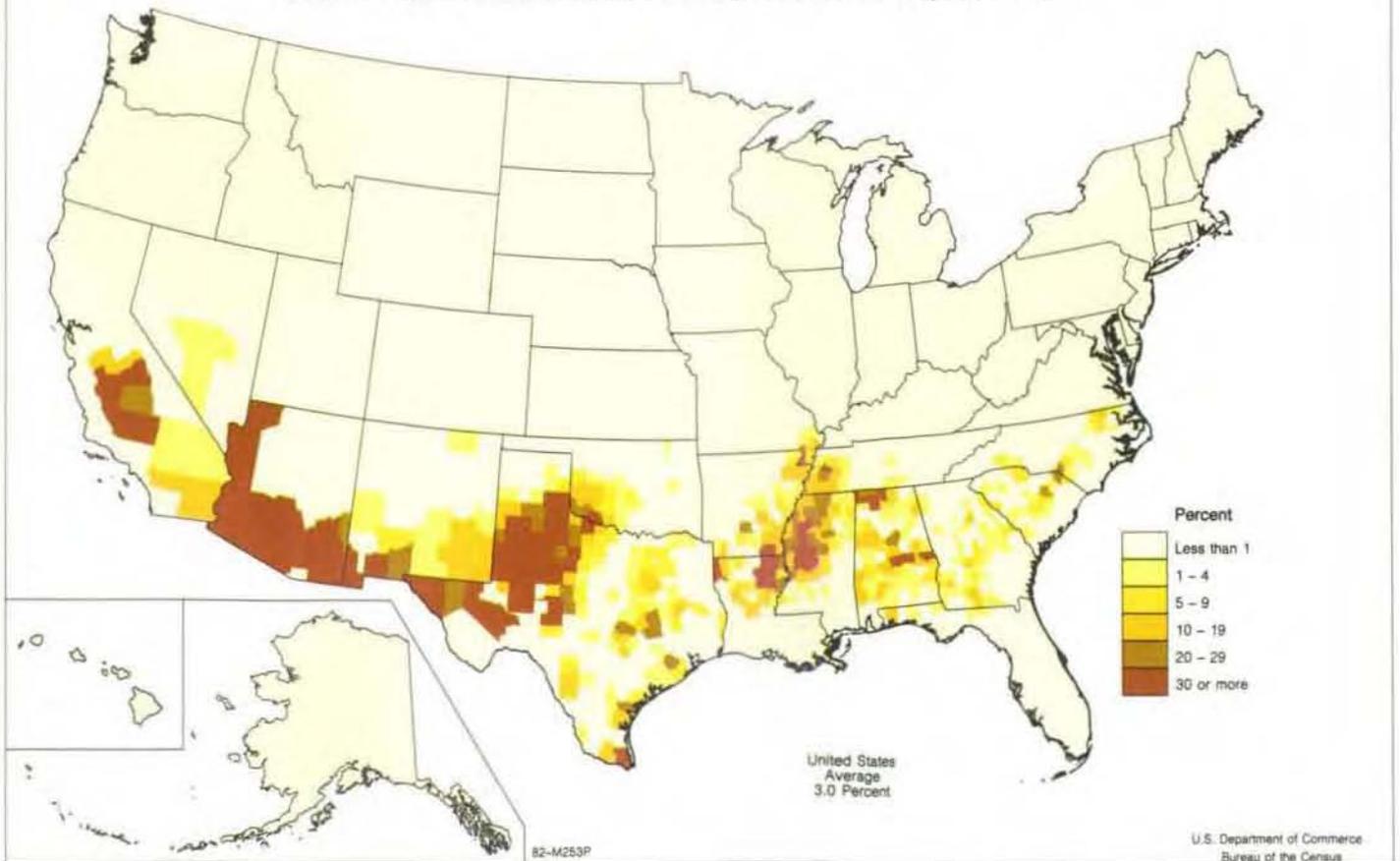
Cotton Harvested: 1982



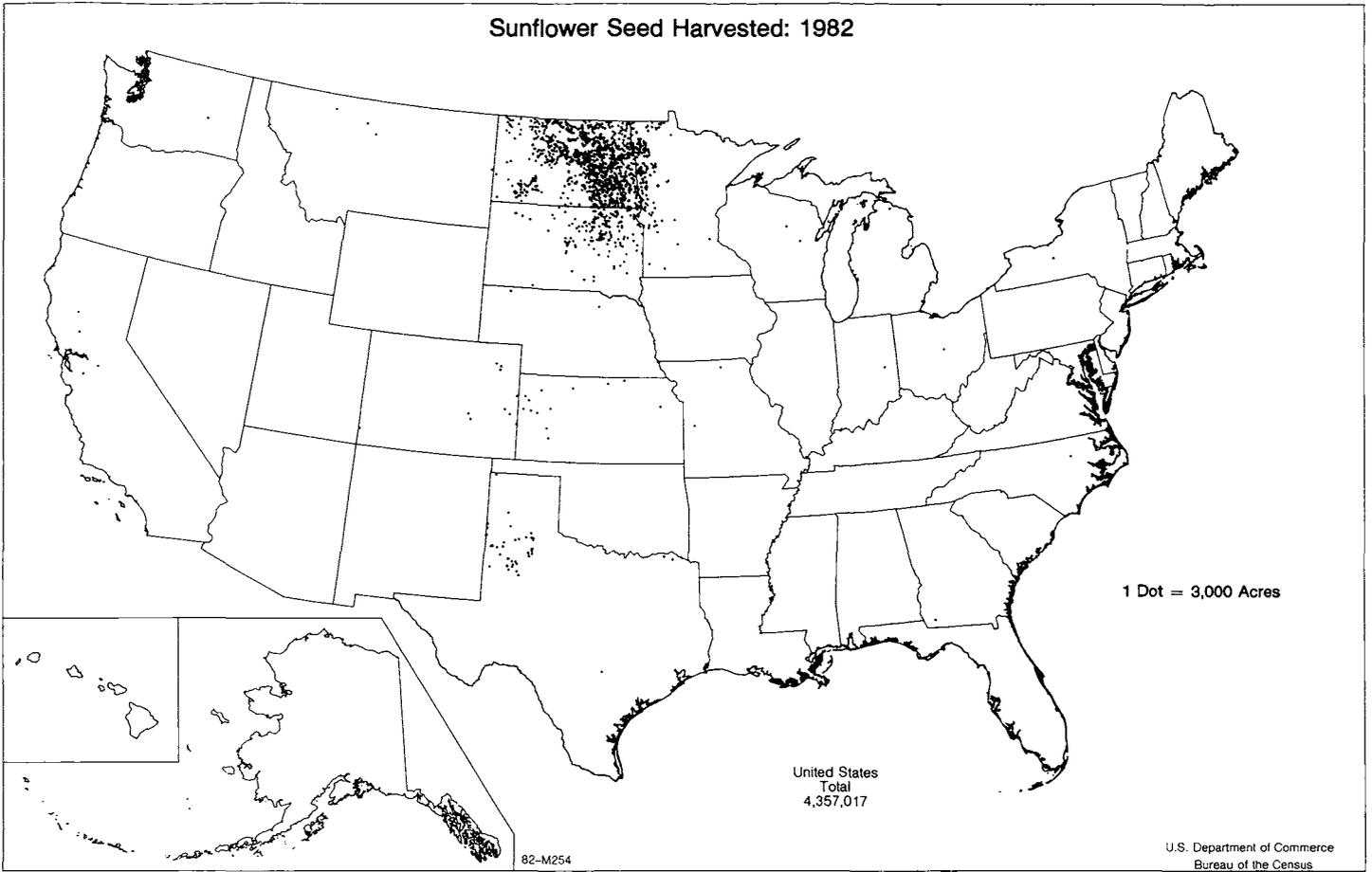
Cotton Harvested - Change in Acreage: 1978 to 1982



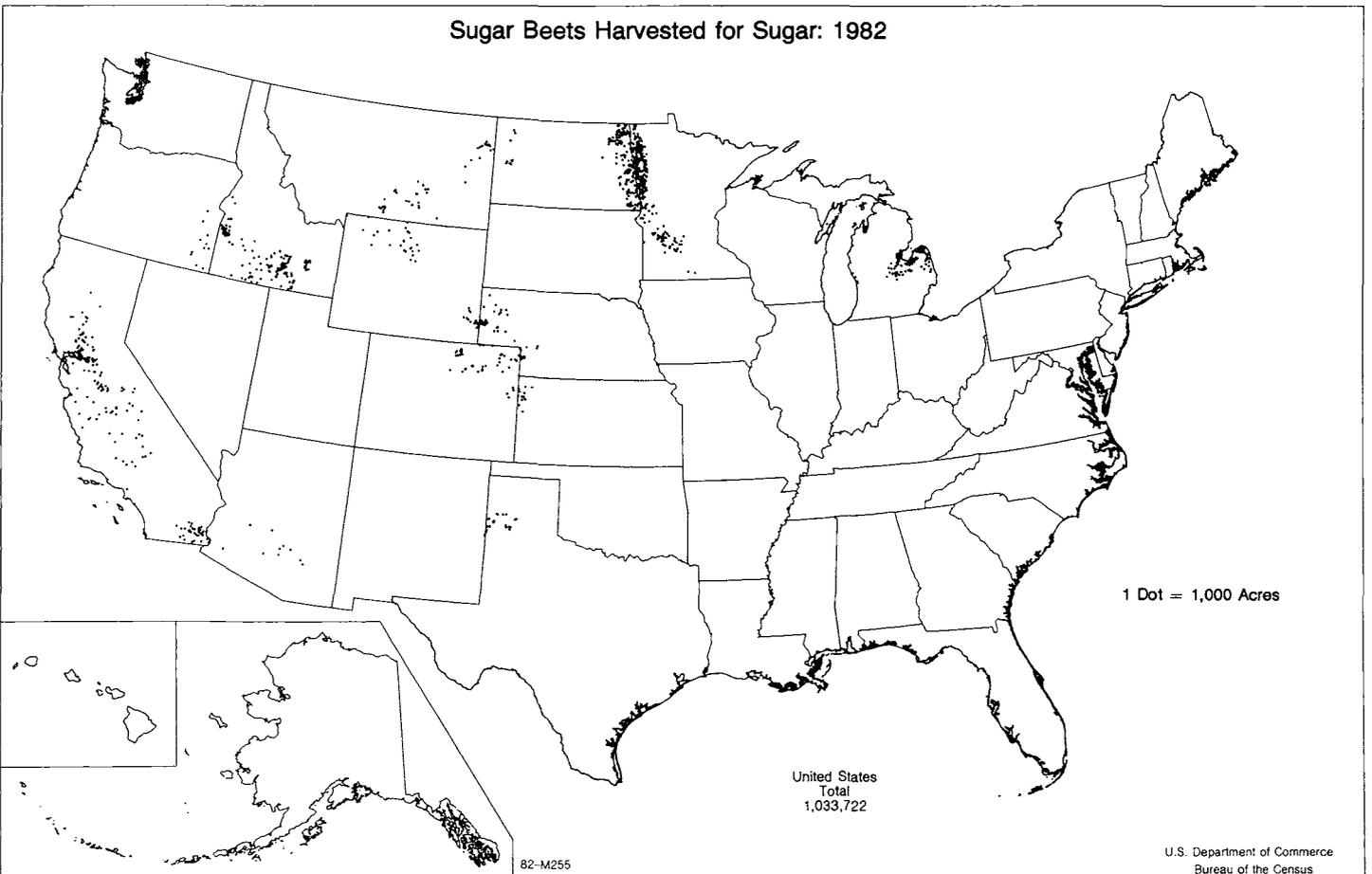
Acres of Cotton Harvested as a Percent of Harvested Cropland: 1982



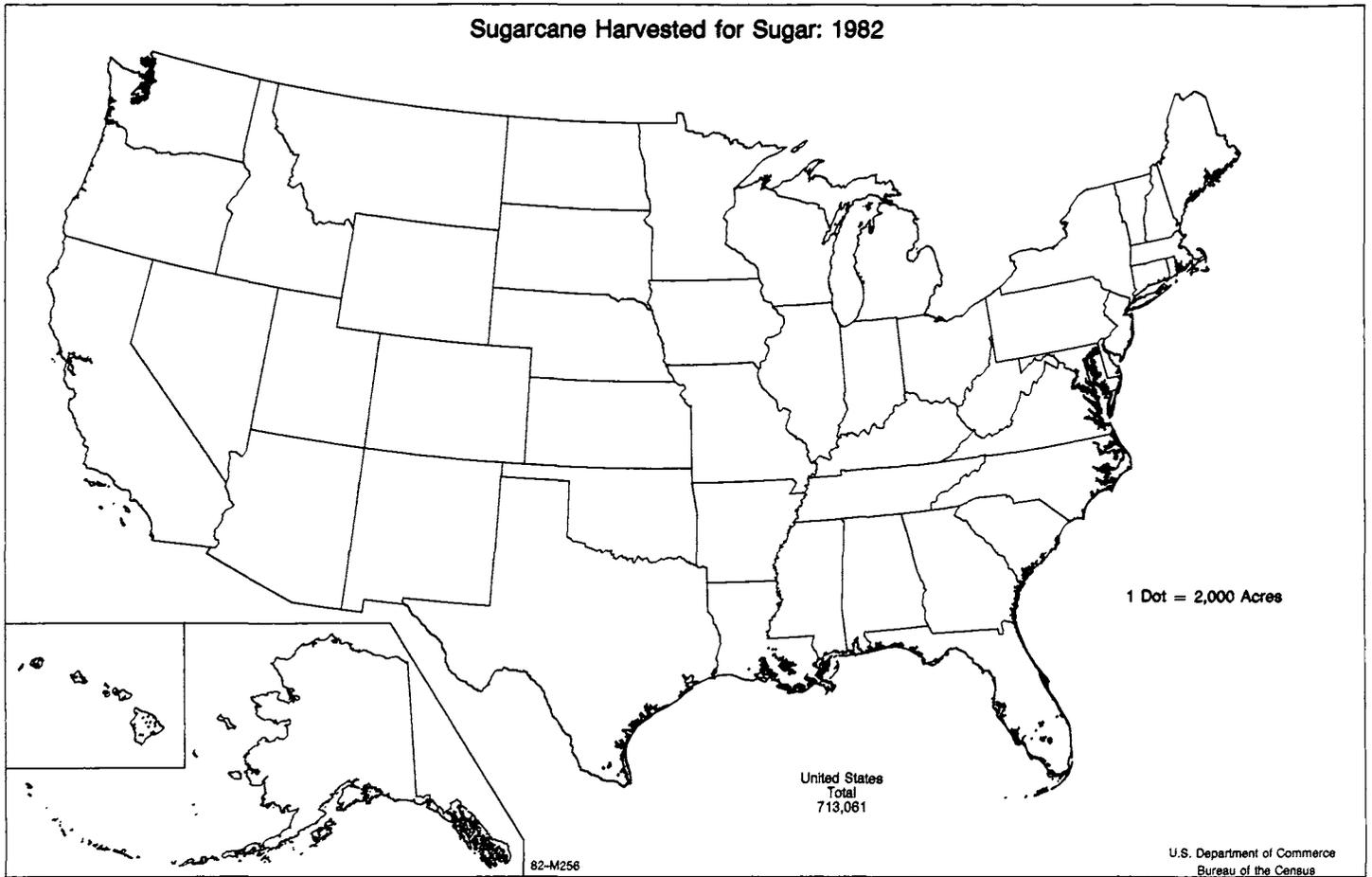
Sunflower Seed Harvested: 1982



Sugar Beets Harvested for Sugar: 1982



Sugarcane Harvested for Sugar: 1982



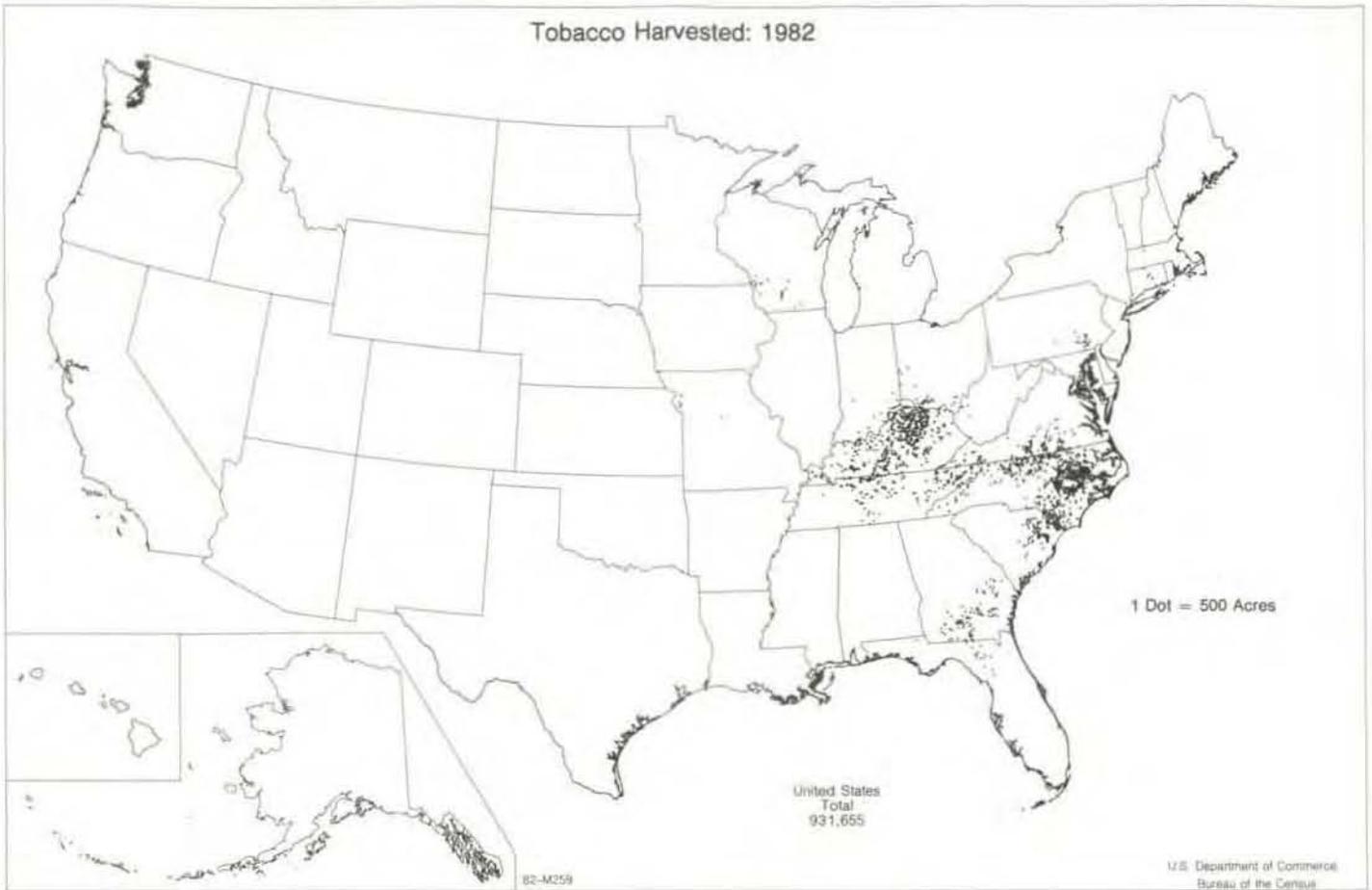
Irish Potatoes Harvested: 1982



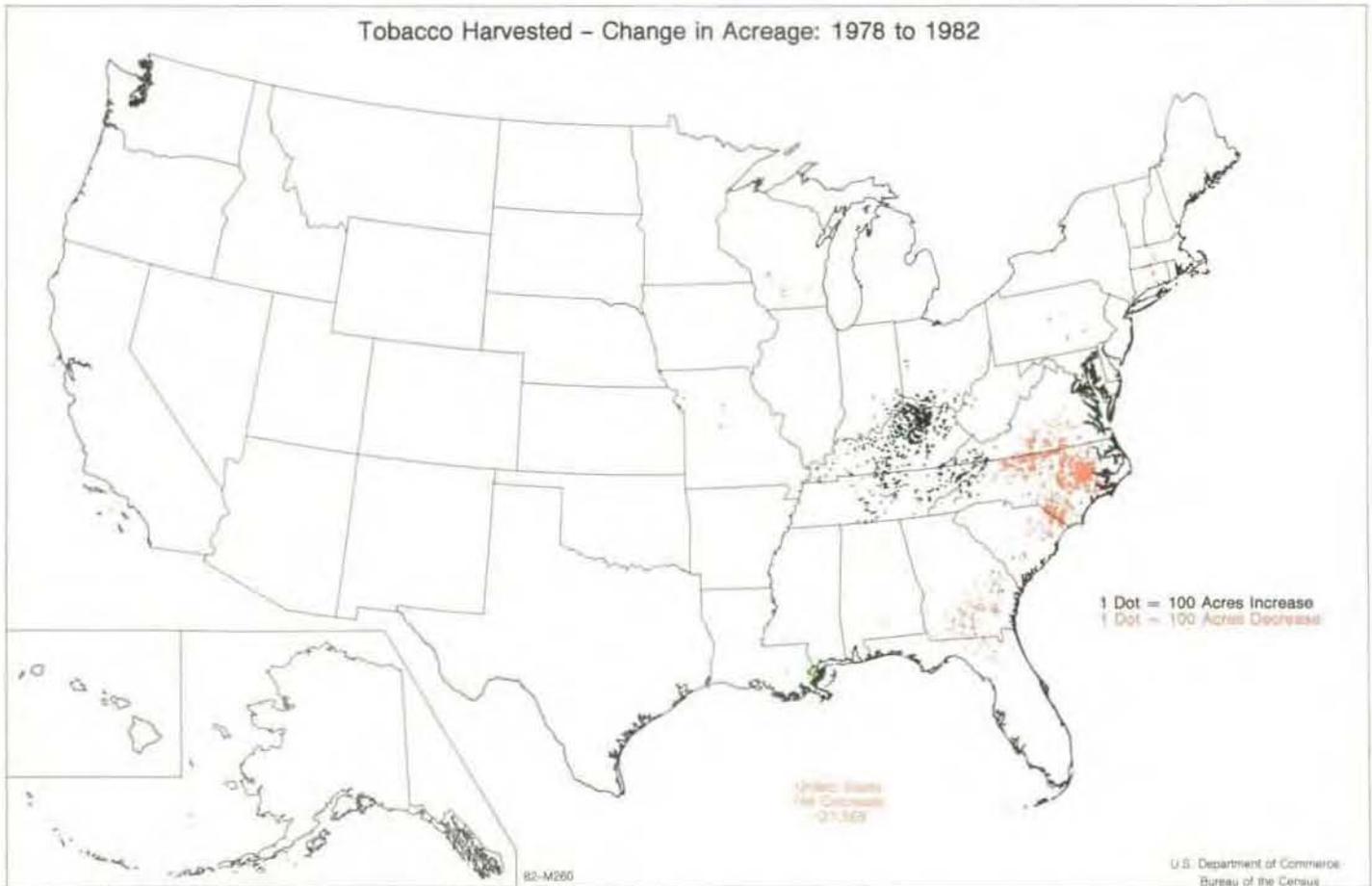
Irish Potatoes Harvested - Change in Acreage: 1978 to 1982



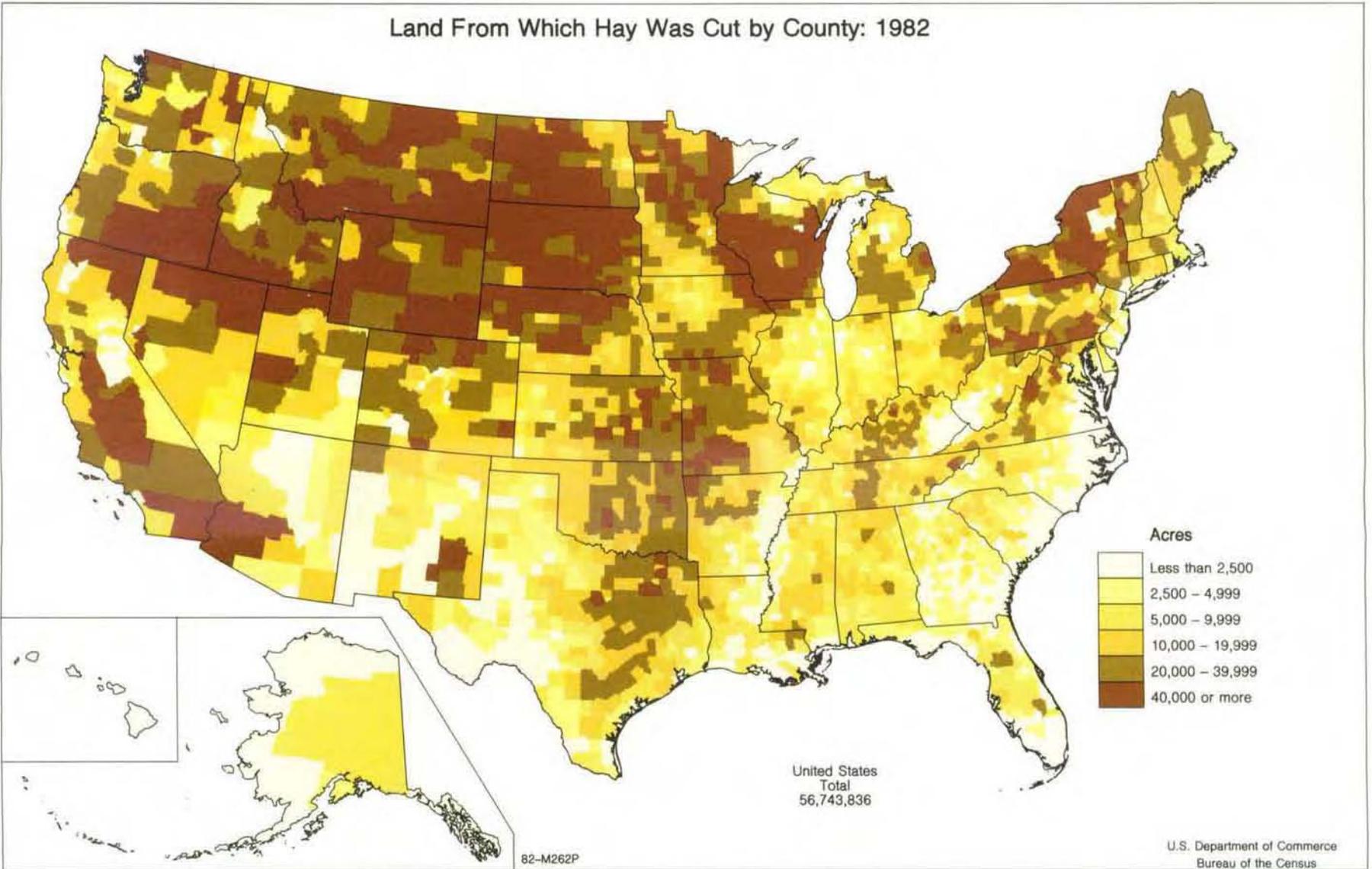
Tobacco Harvested: 1982



Tobacco Harvested - Change in Acreage: 1978 to 1982



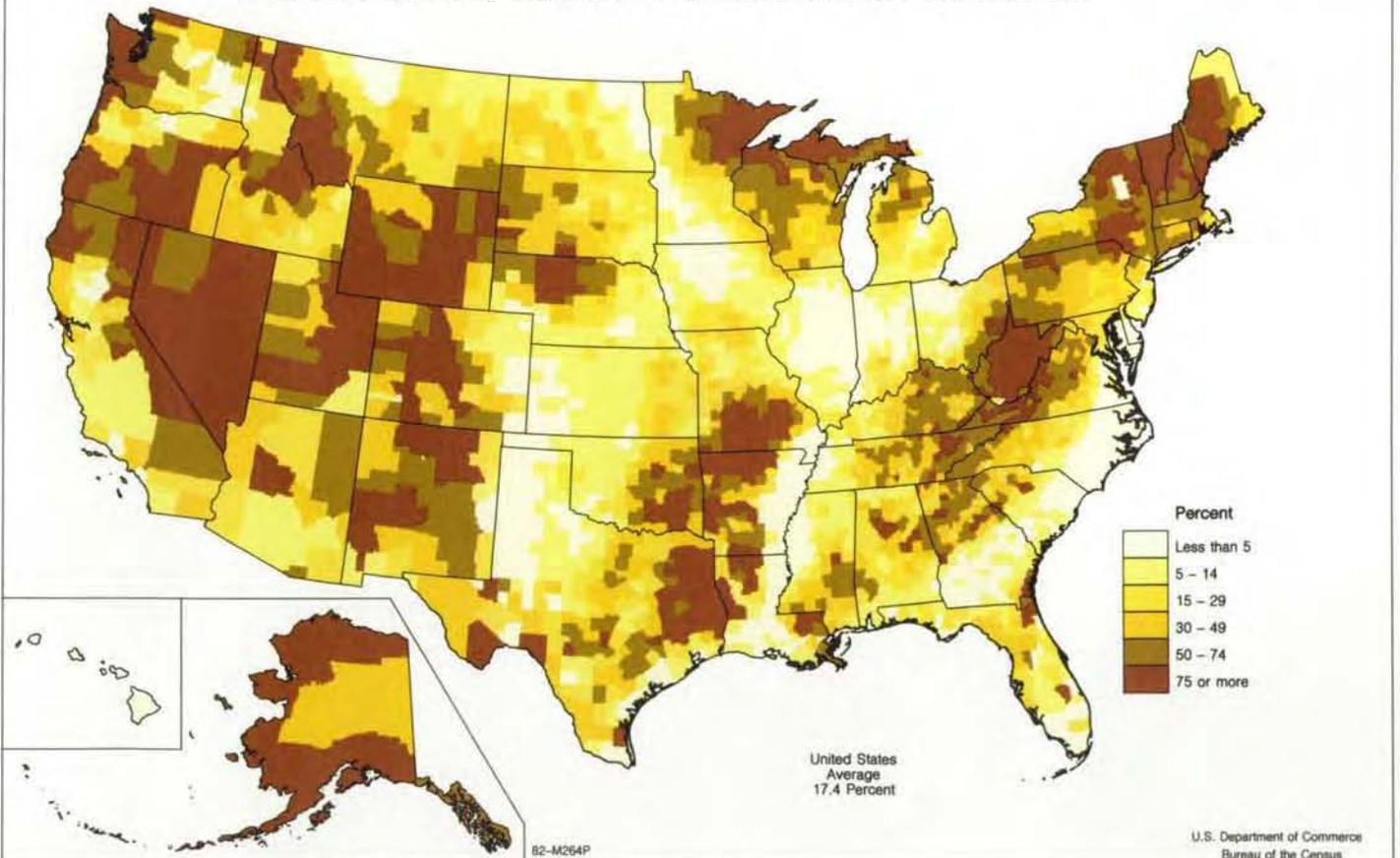




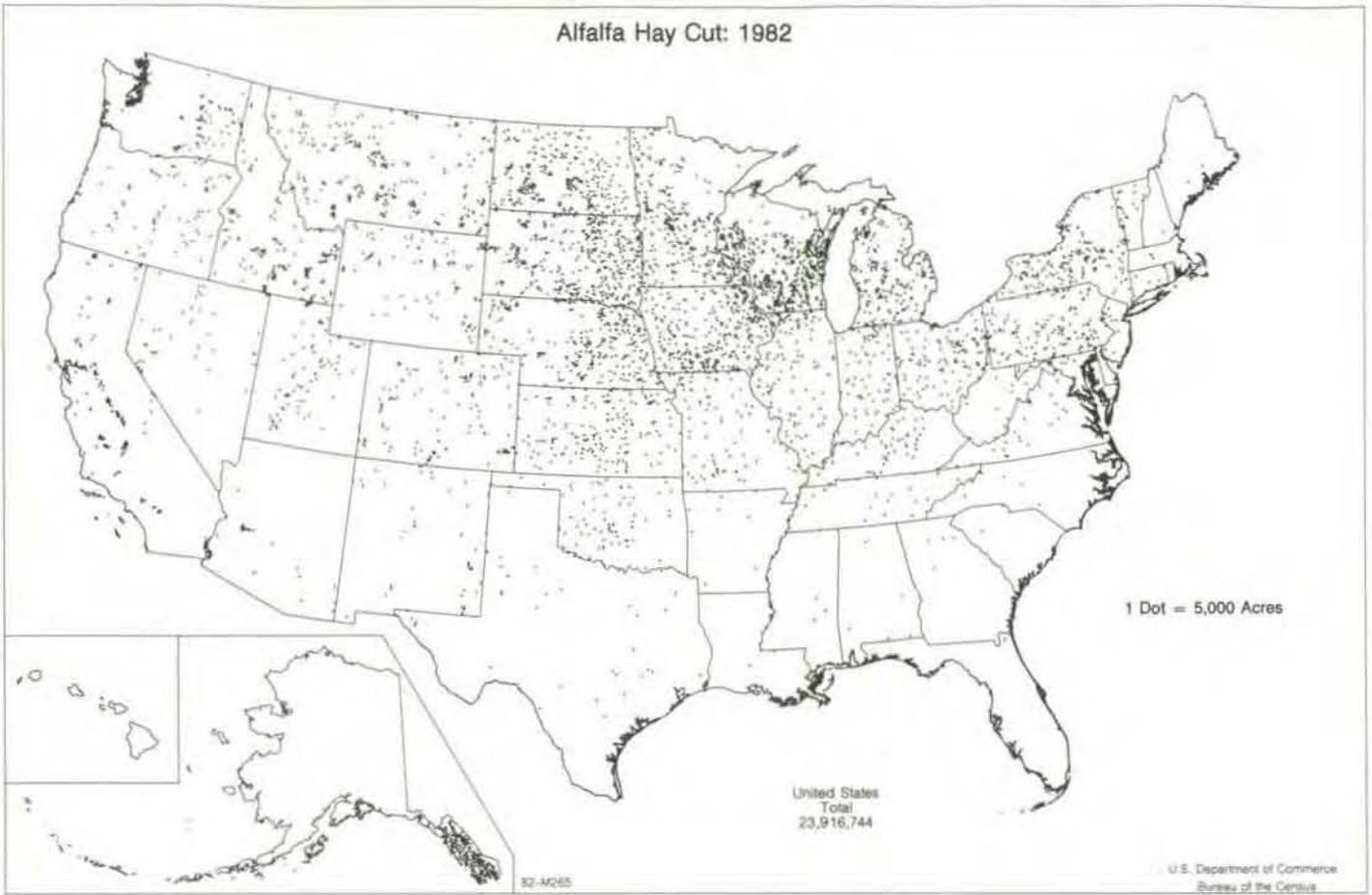
Land From Which Hay Was Cut - Change in Acreage: 1978 to 1982



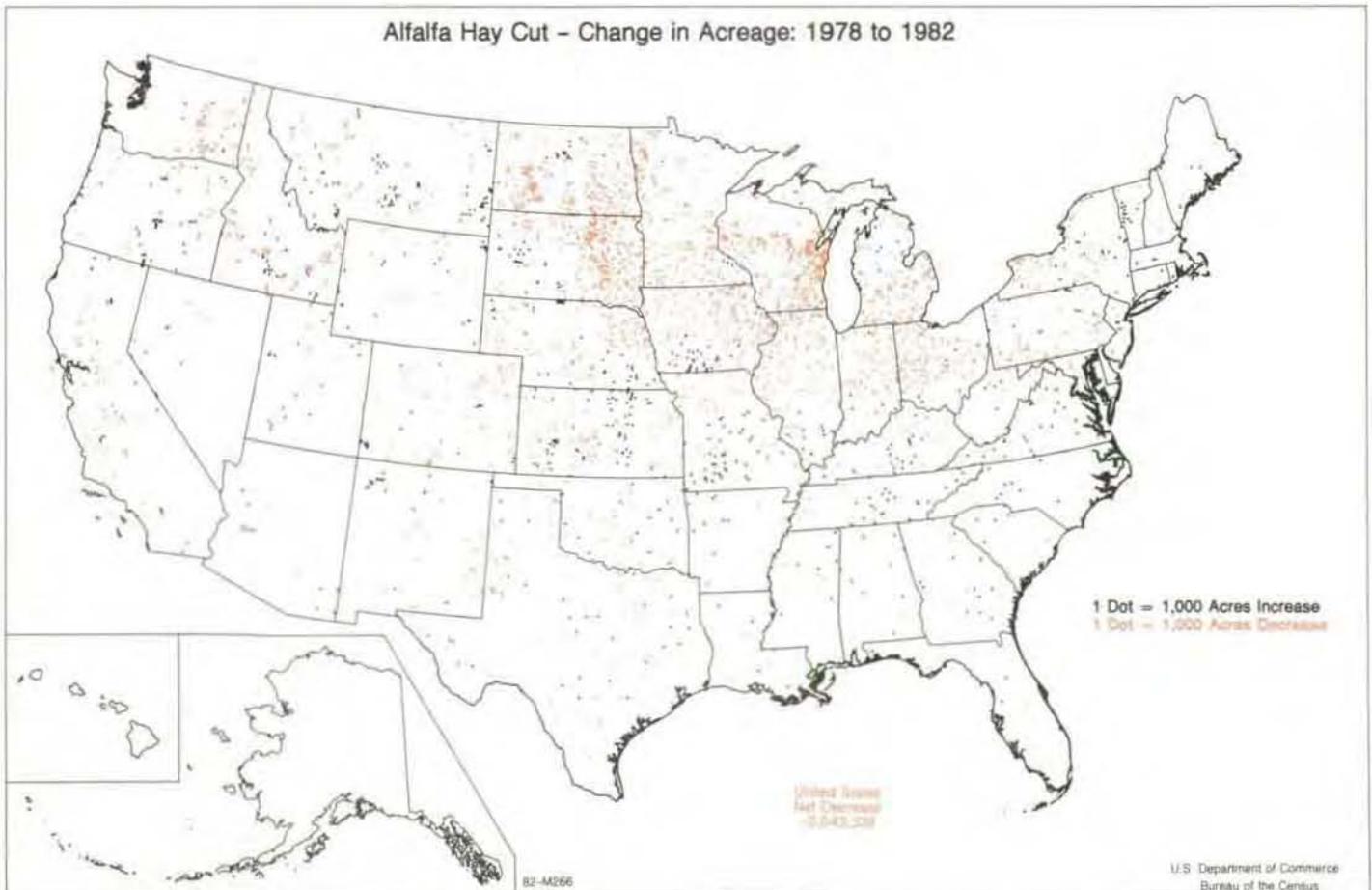
Land From Which Hay Was Cut as a Percent of Harvested Cropland: 1982



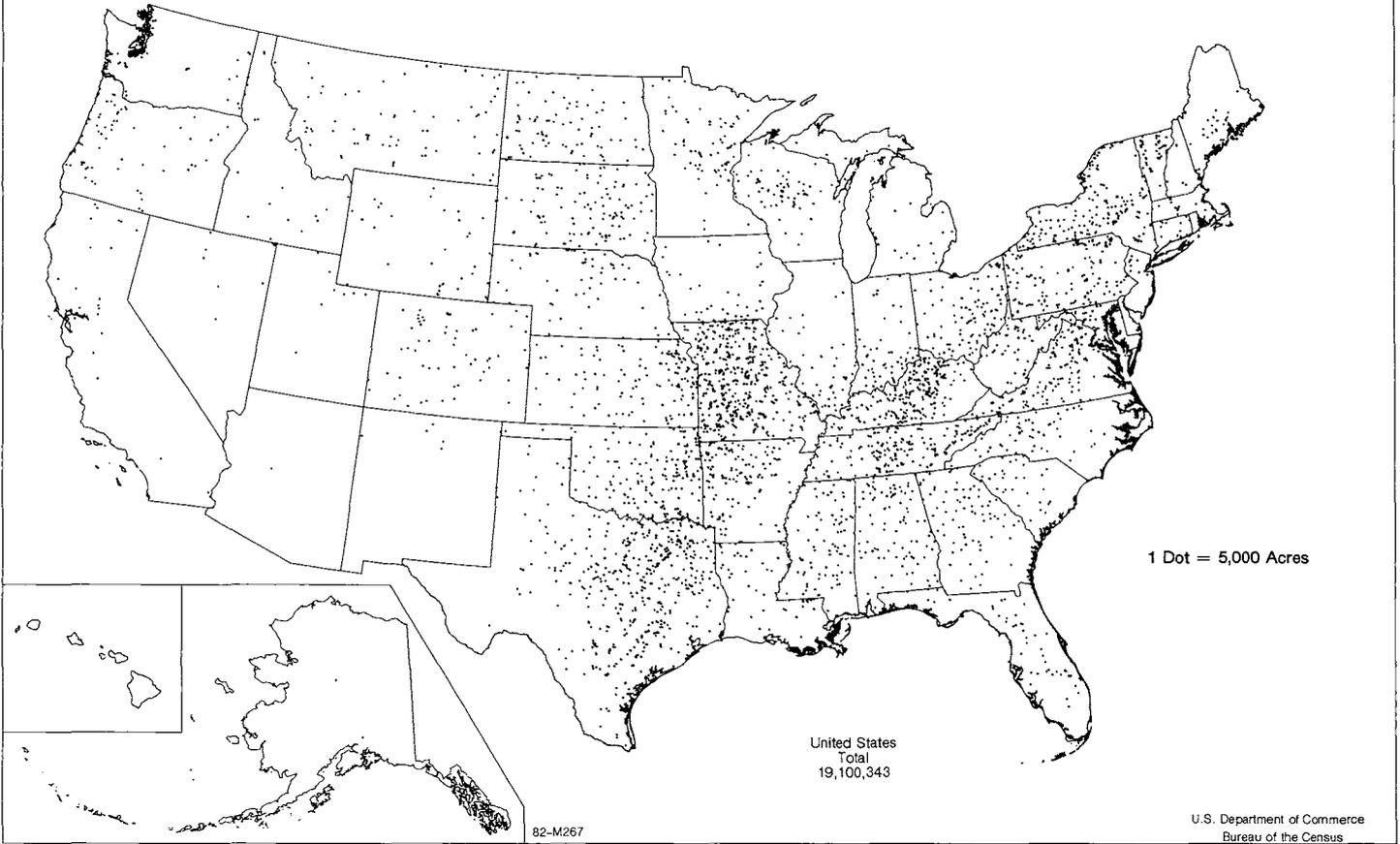
Alfalfa Hay Cut: 1982



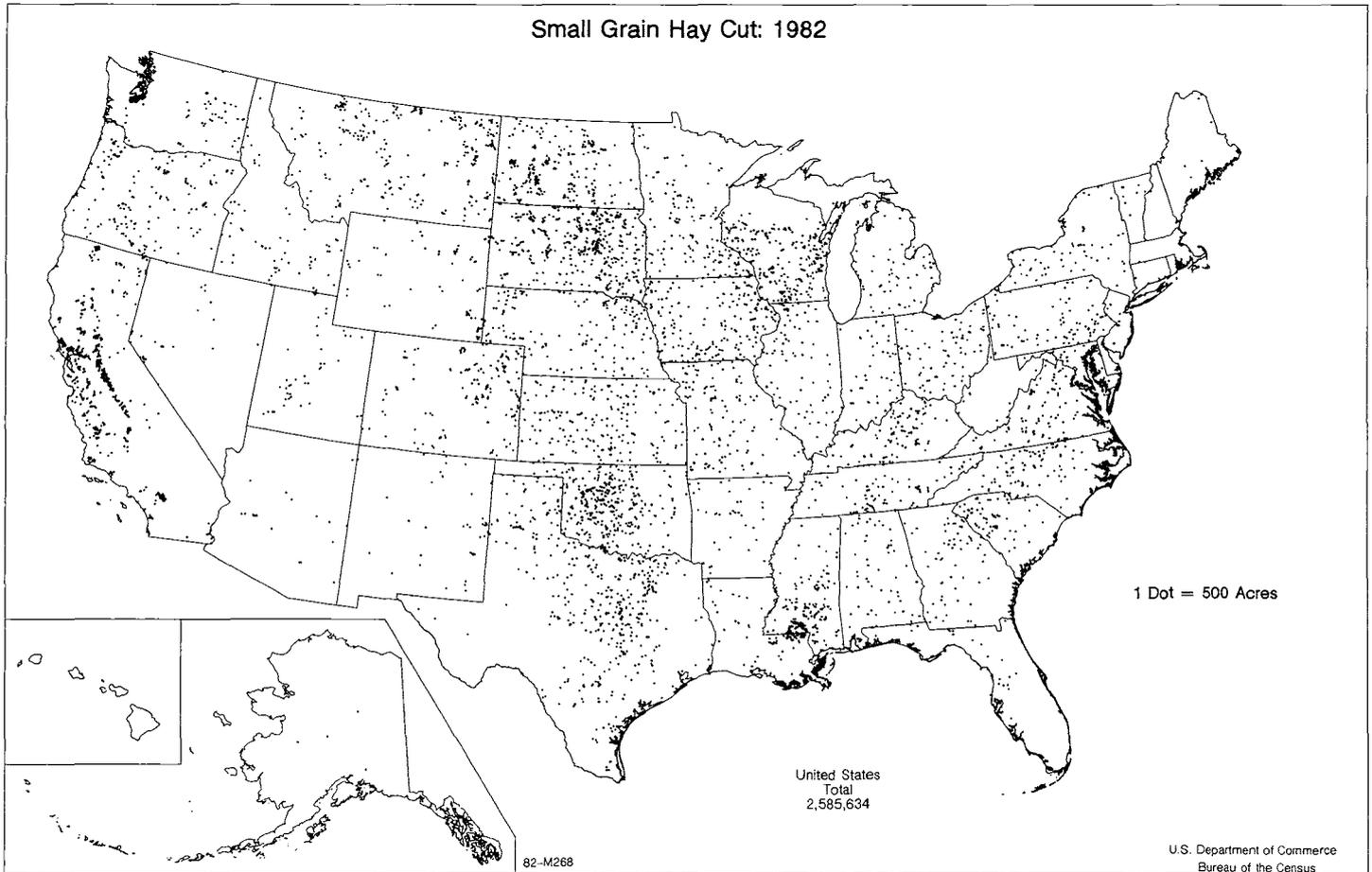
Alfalfa Hay Cut - Change in Acreage: 1978 to 1982



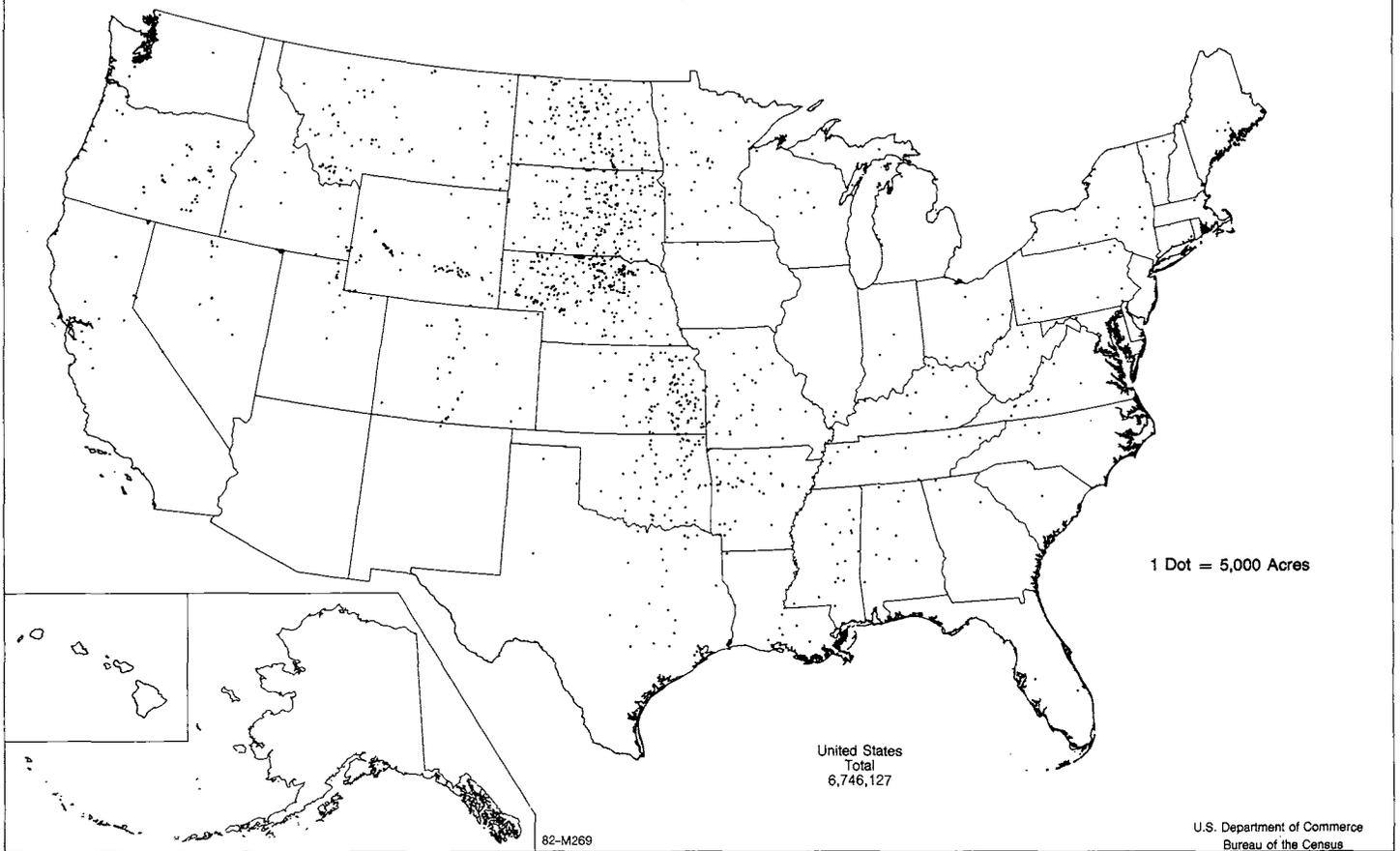
Tame Hay Cut, Other Than Alfalfa, Small Grain, and Wild Hay: 1982



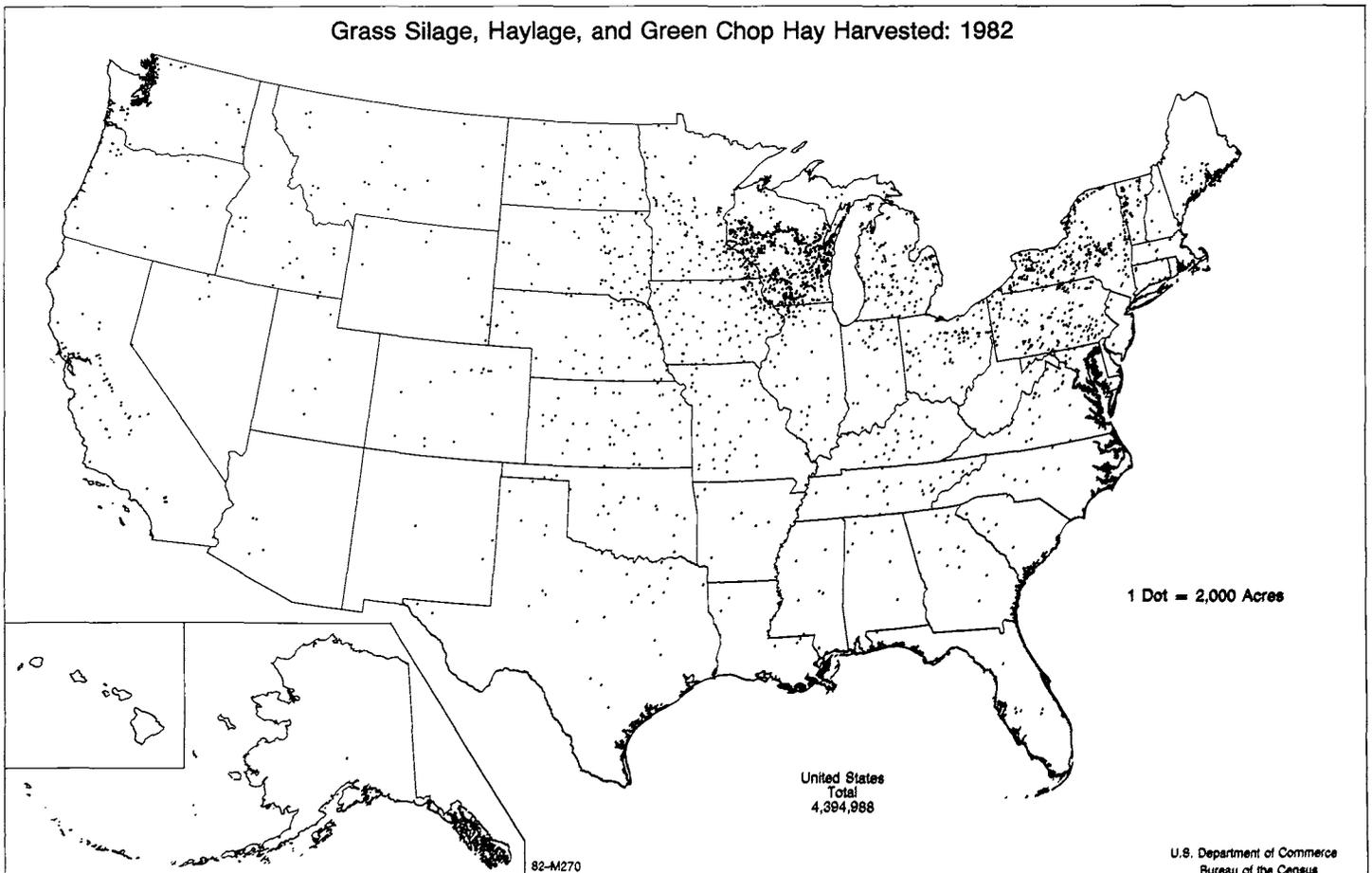
Small Grain Hay Cut: 1982



Wild Hay Cut: 1982



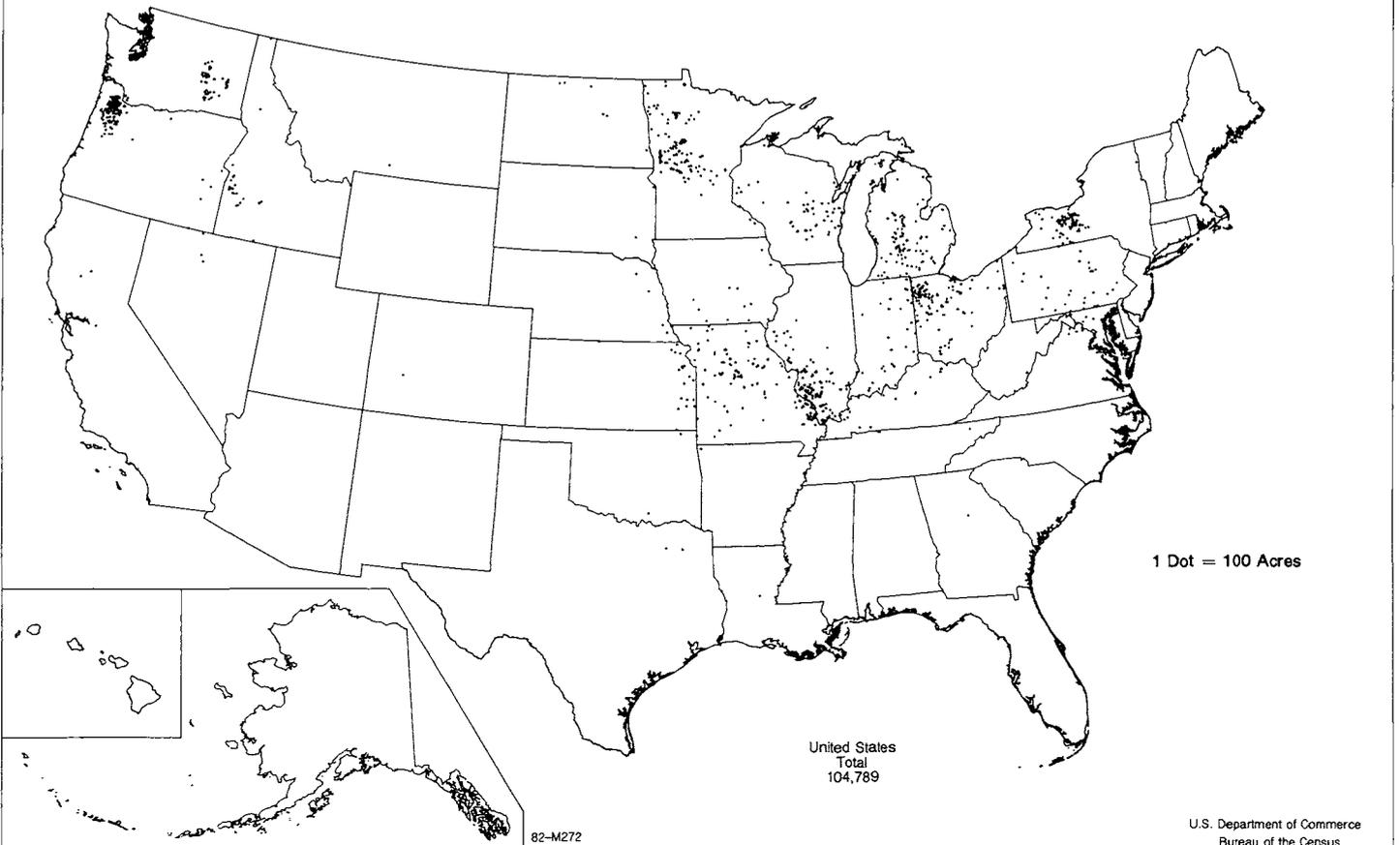
Grass Silage, Haylage, and Green Chop Hay Harvested: 1982



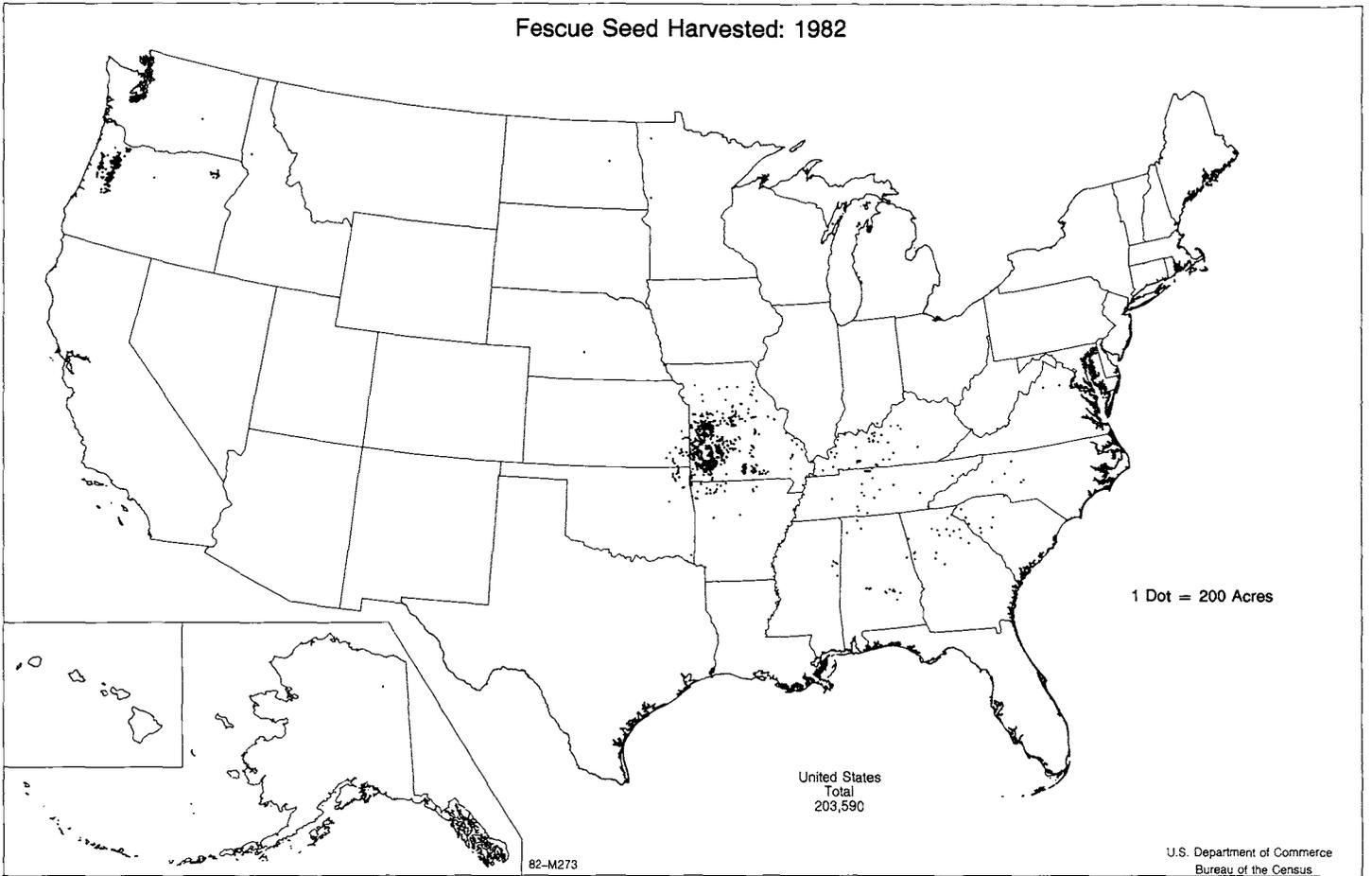
Alfalfa Seed Harvested: 1982



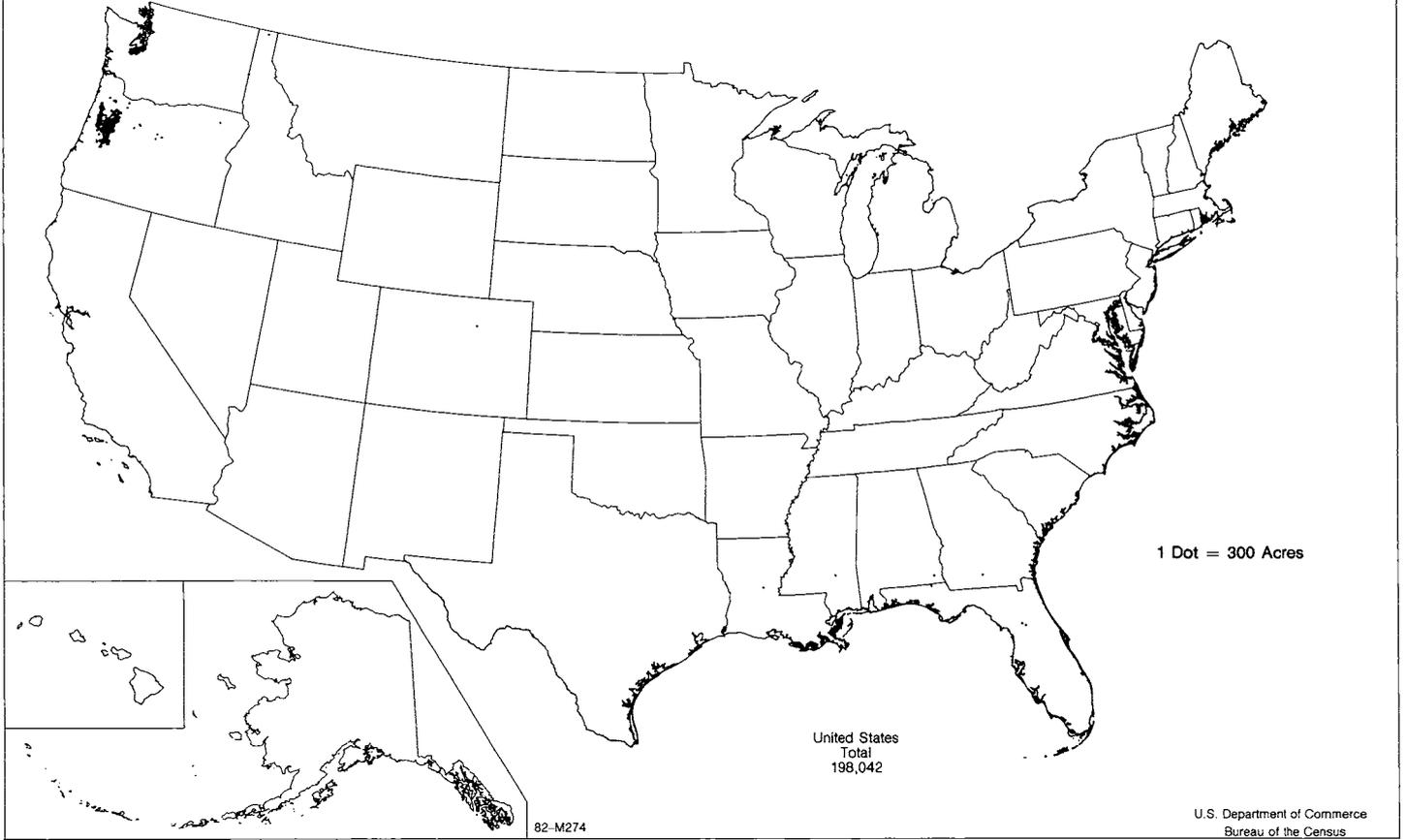
Red Clover Seed Harvested: 1982

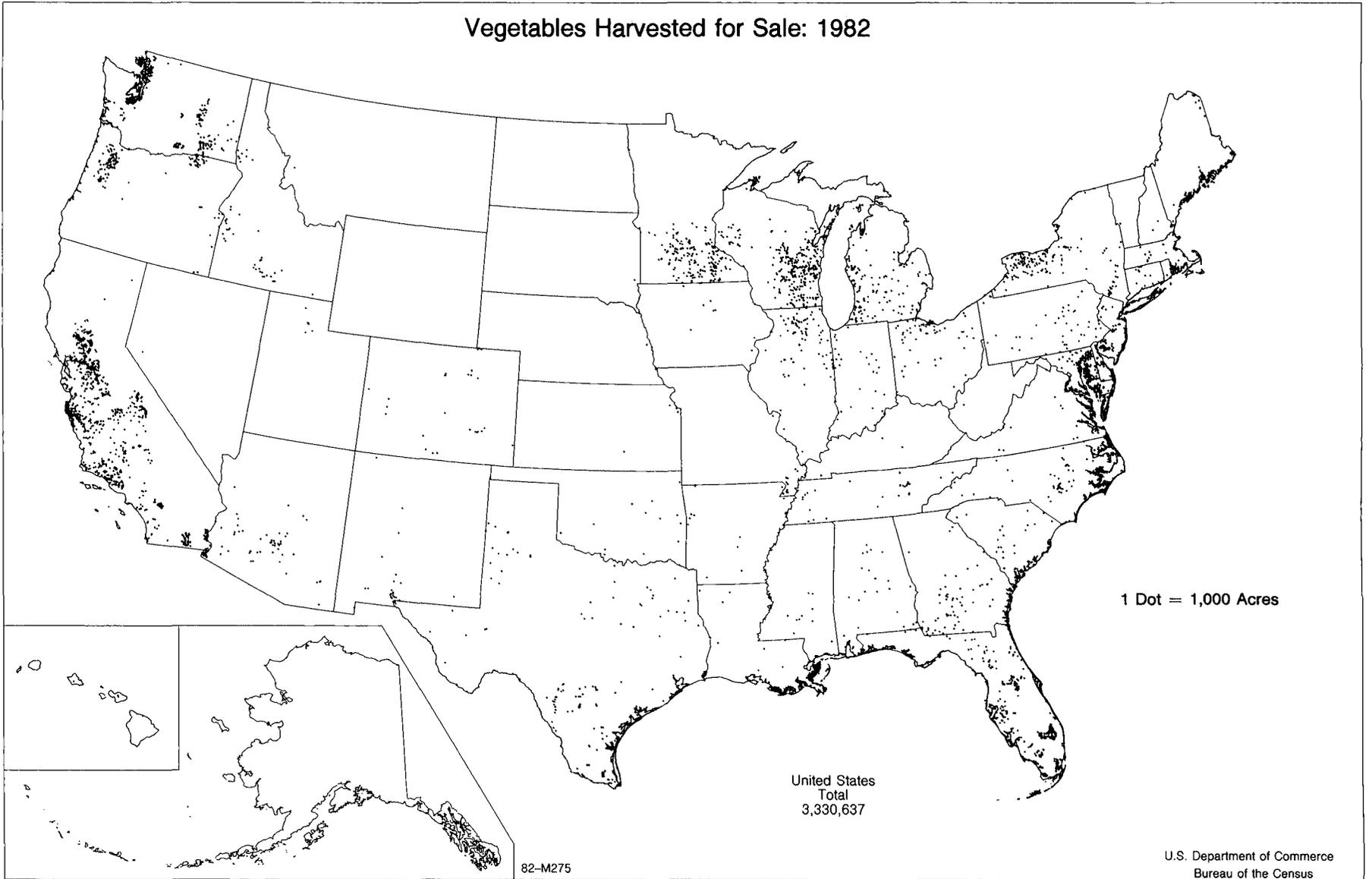


Fescue Seed Harvested: 1982

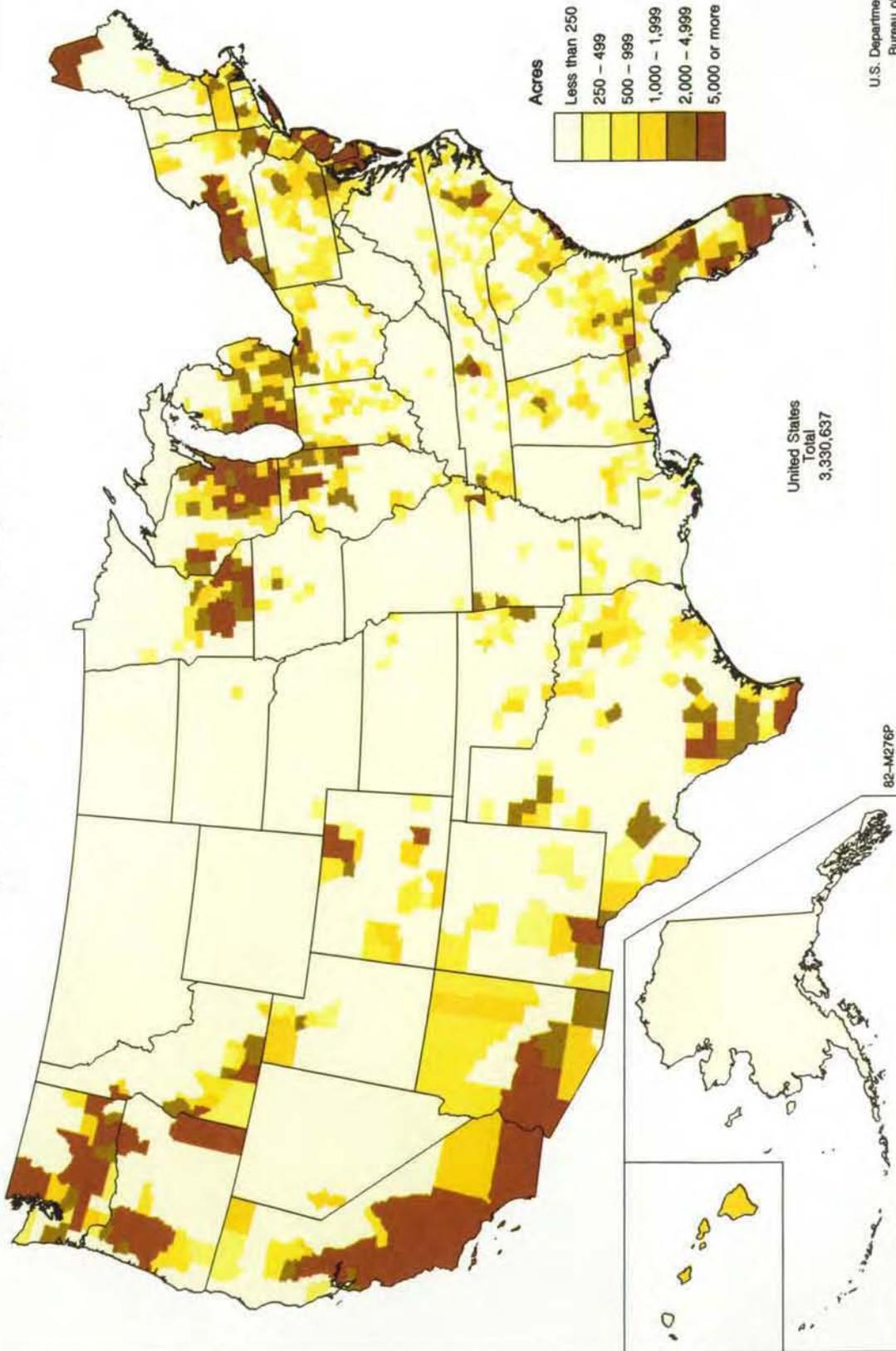


Ryegrass Seed Harvested: 1982

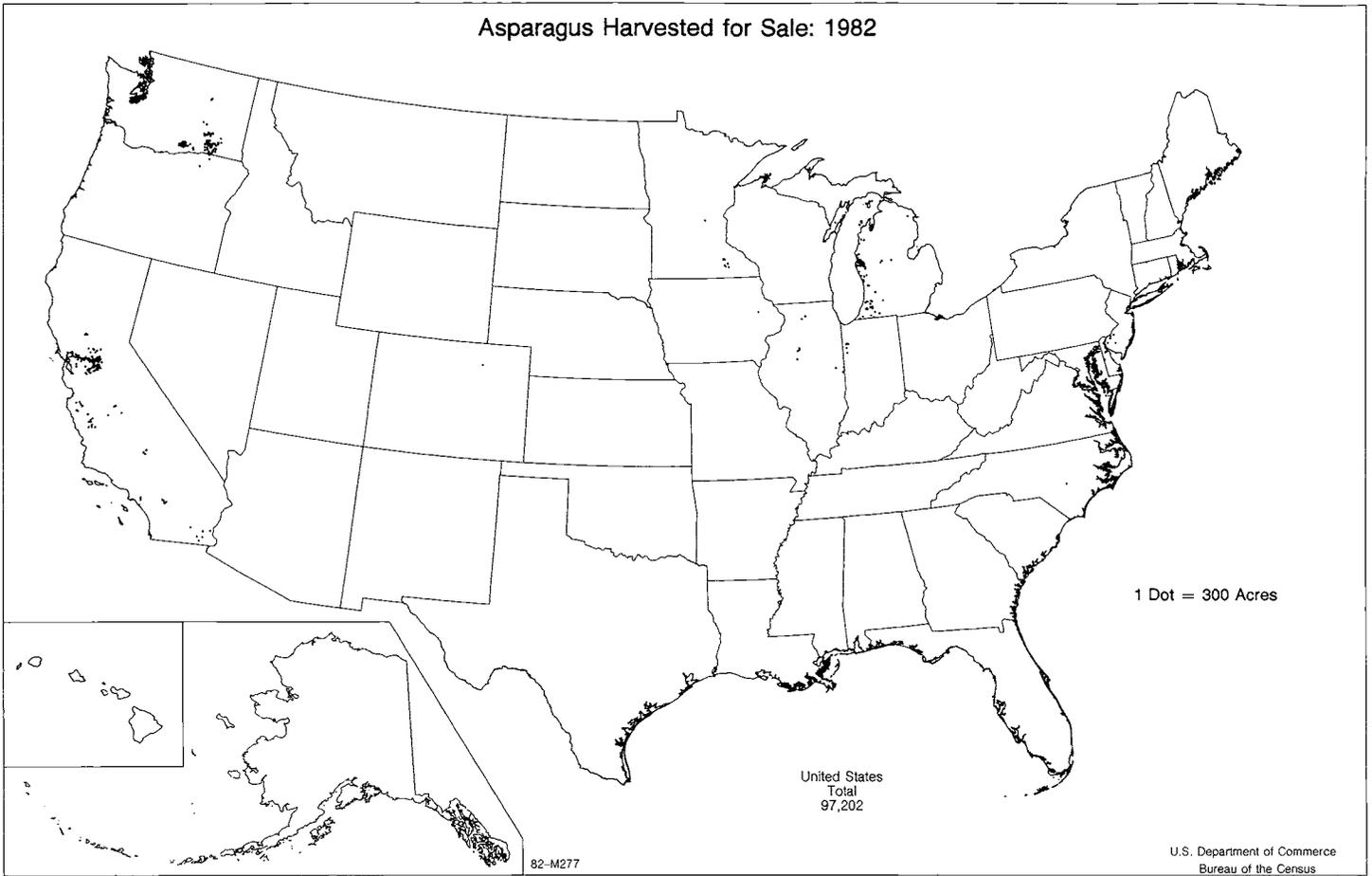




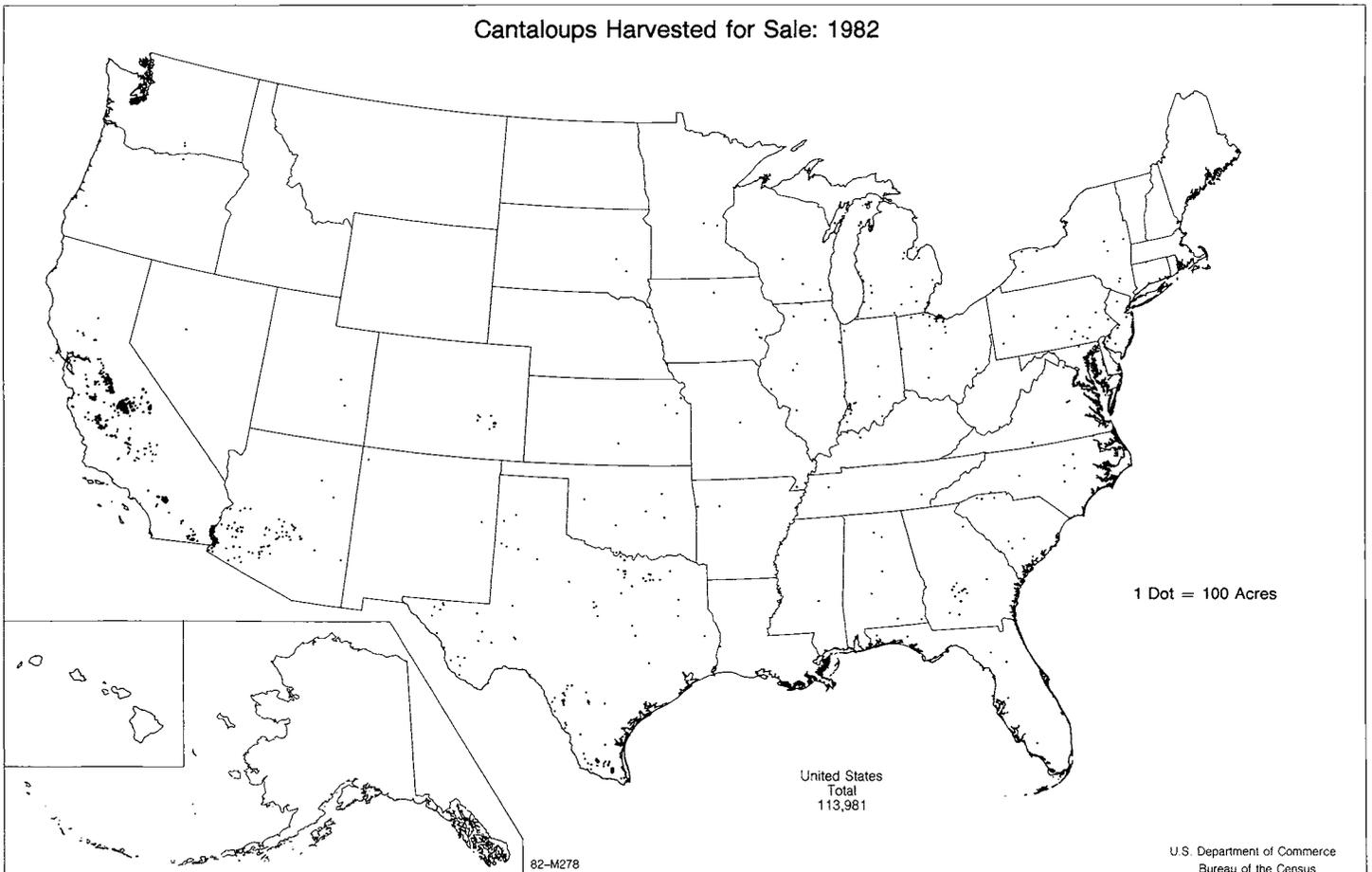
Vegetables Harvested for Sale by County: 1982



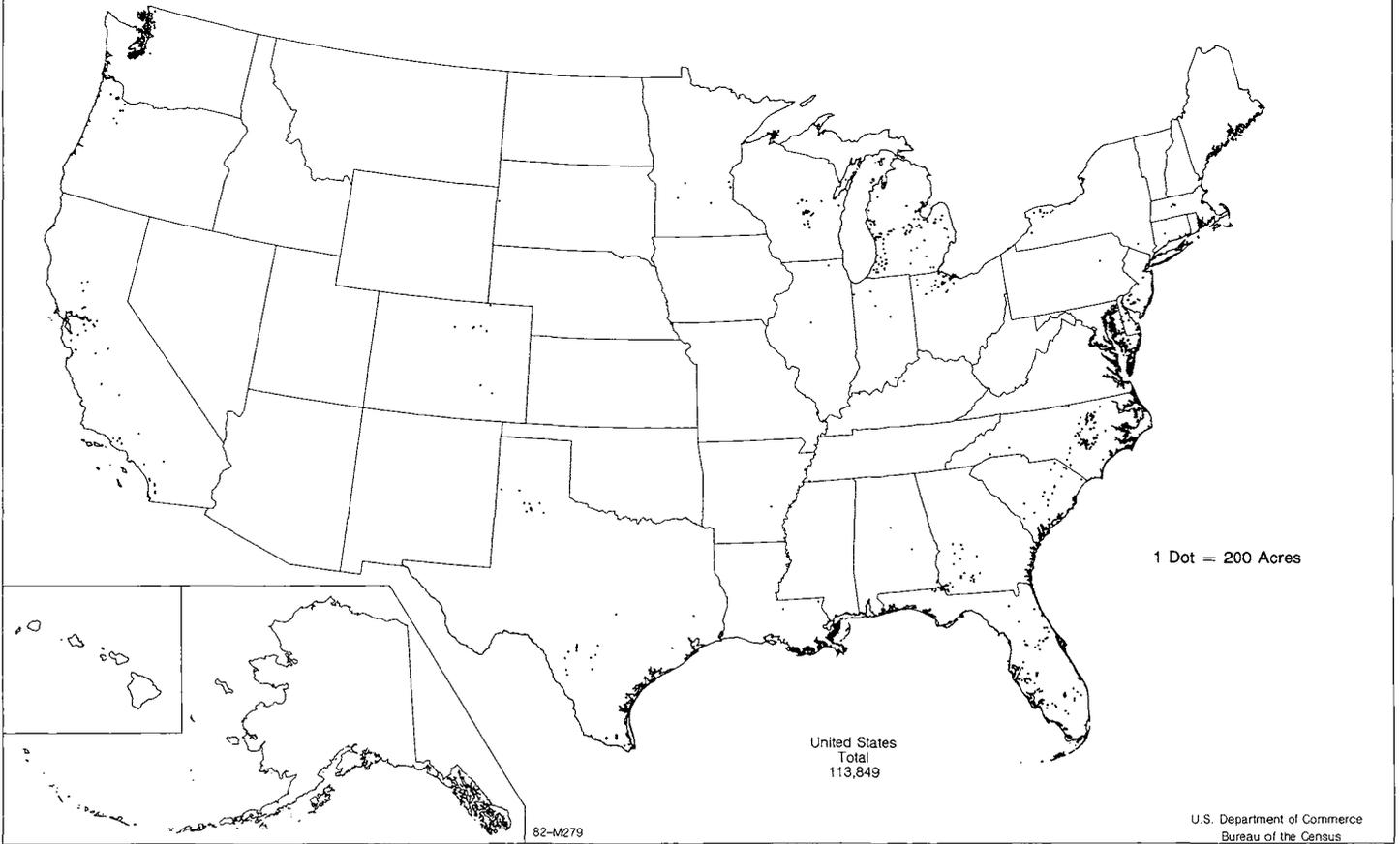
Asparagus Harvested for Sale: 1982



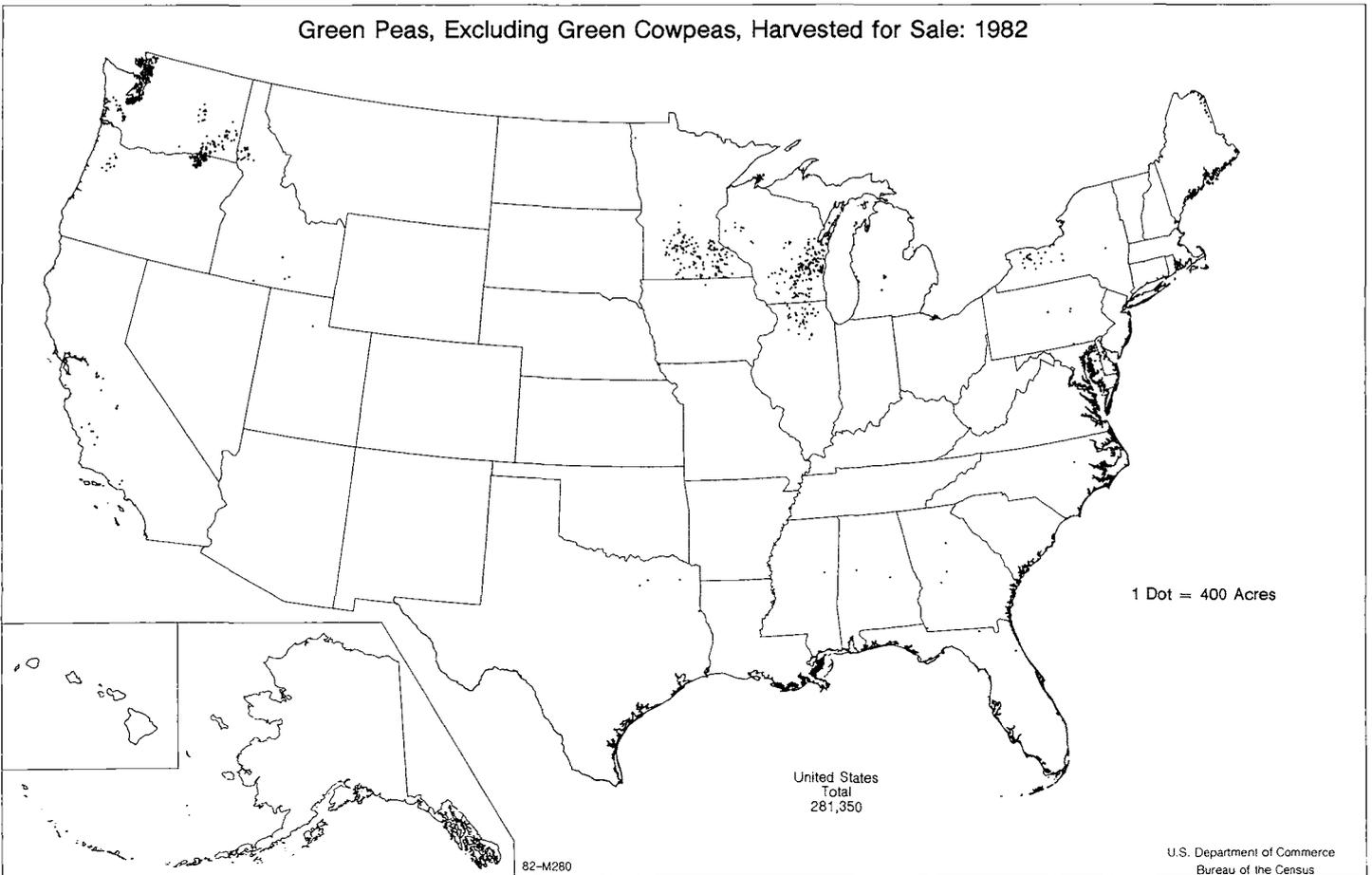
Cantaloups Harvested for Sale: 1982



Cucumbers and Pickles Harvested for Sale: 1982



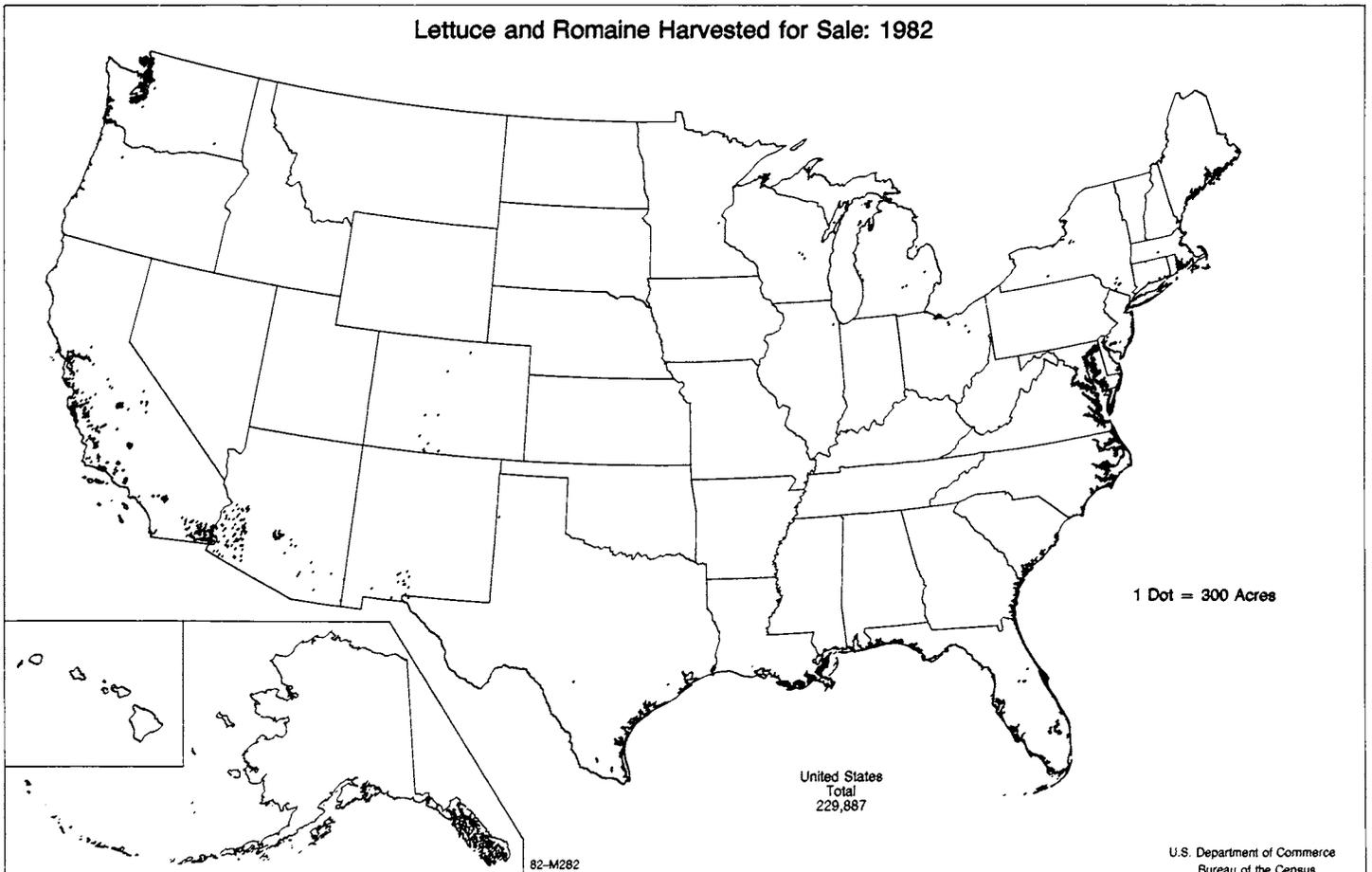
Green Peas, Excluding Green Cowpeas, Harvested for Sale: 1982



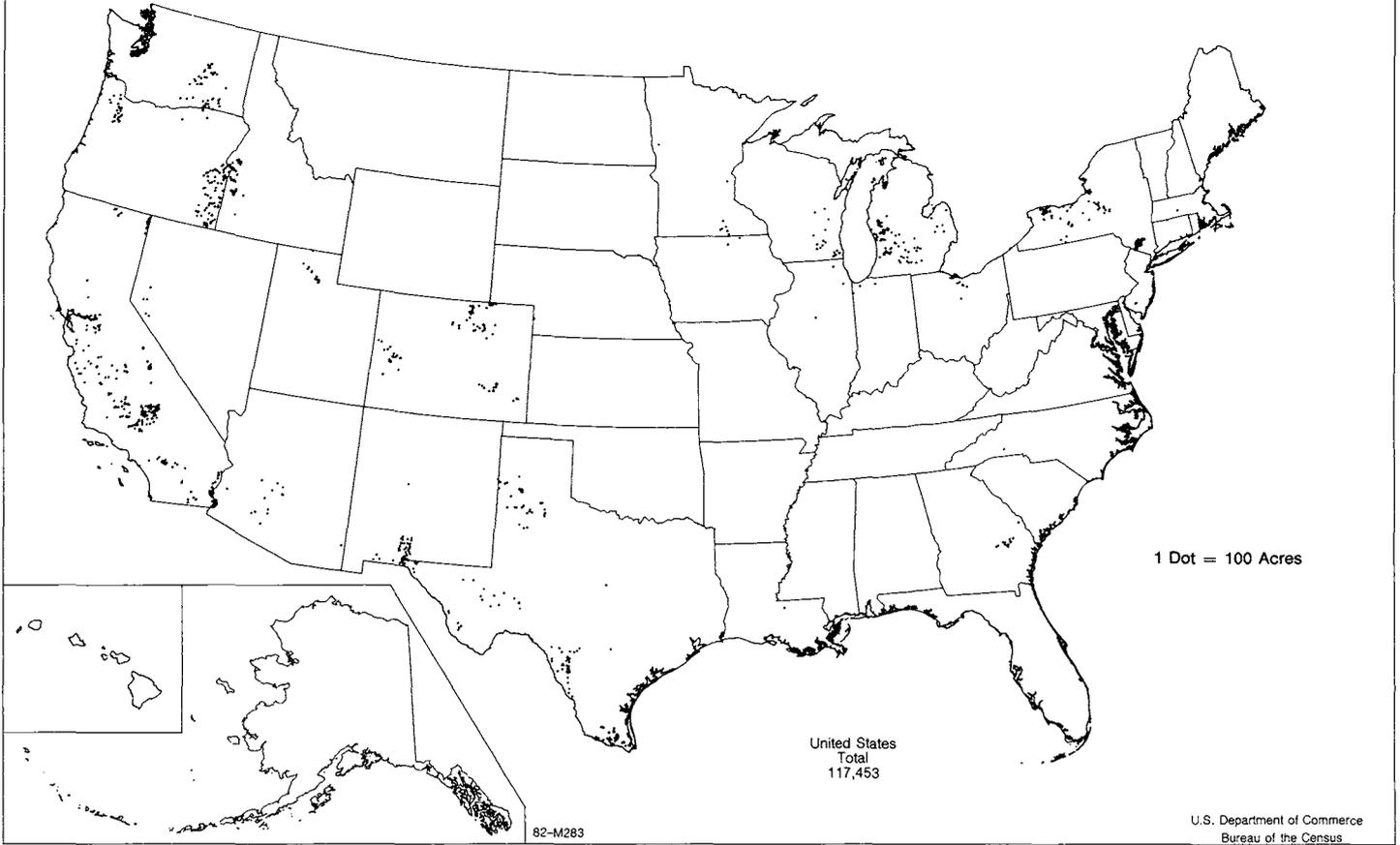
Head Cabbage Harvested for Sale: 1982



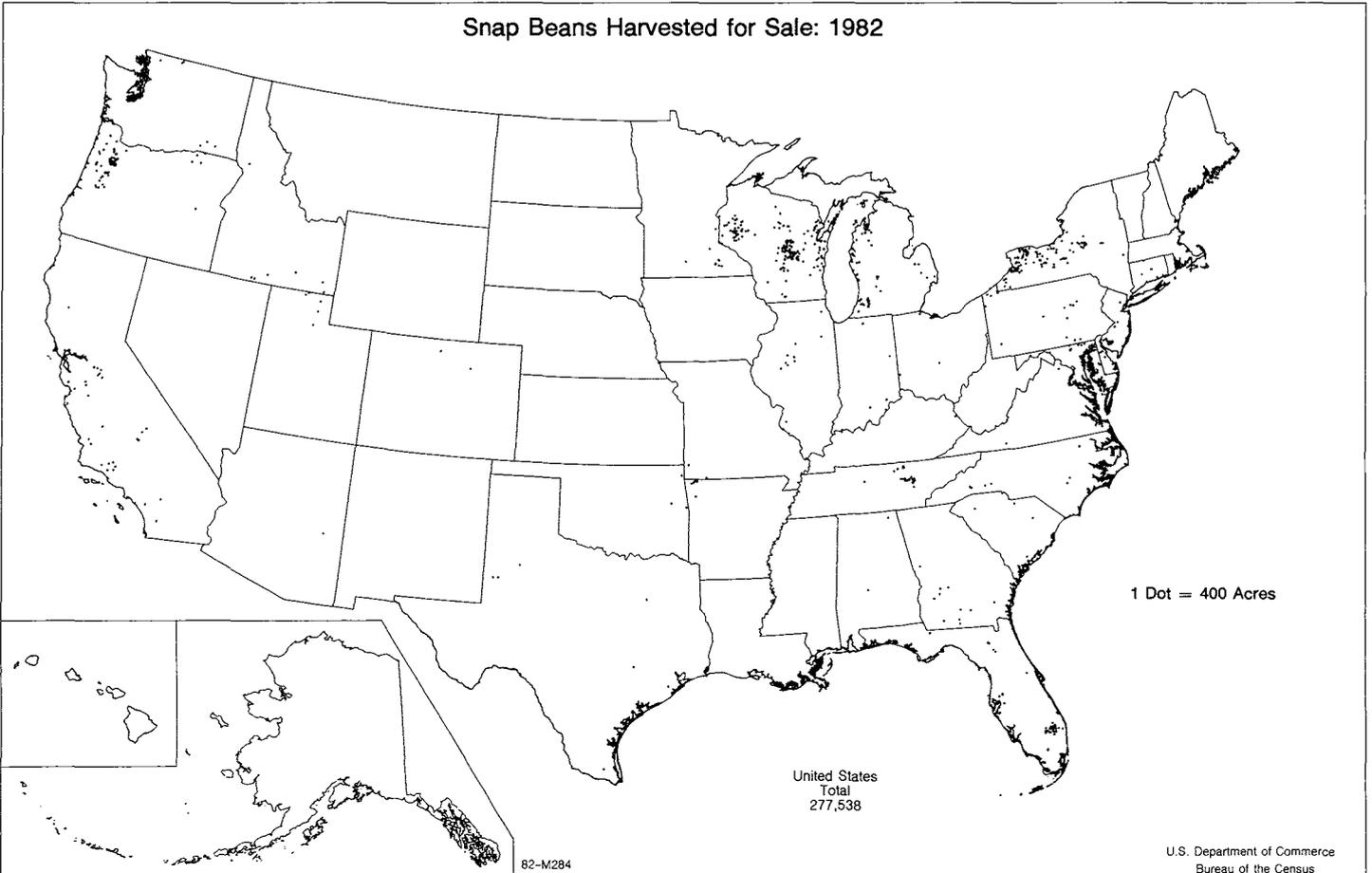
Lettuce and Romaine Harvested for Sale: 1982



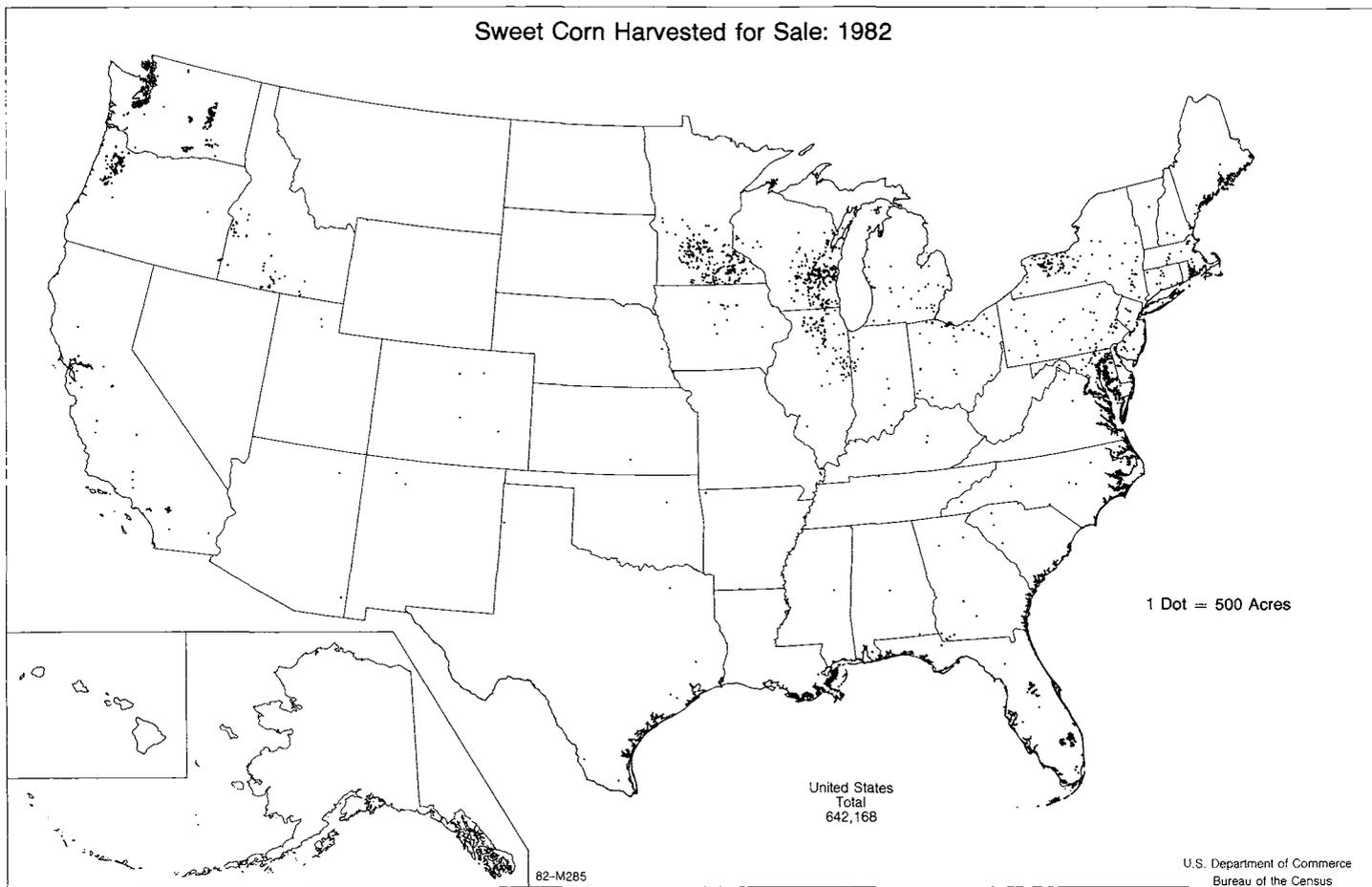
Dry Onions Harvested for Sale: 1982



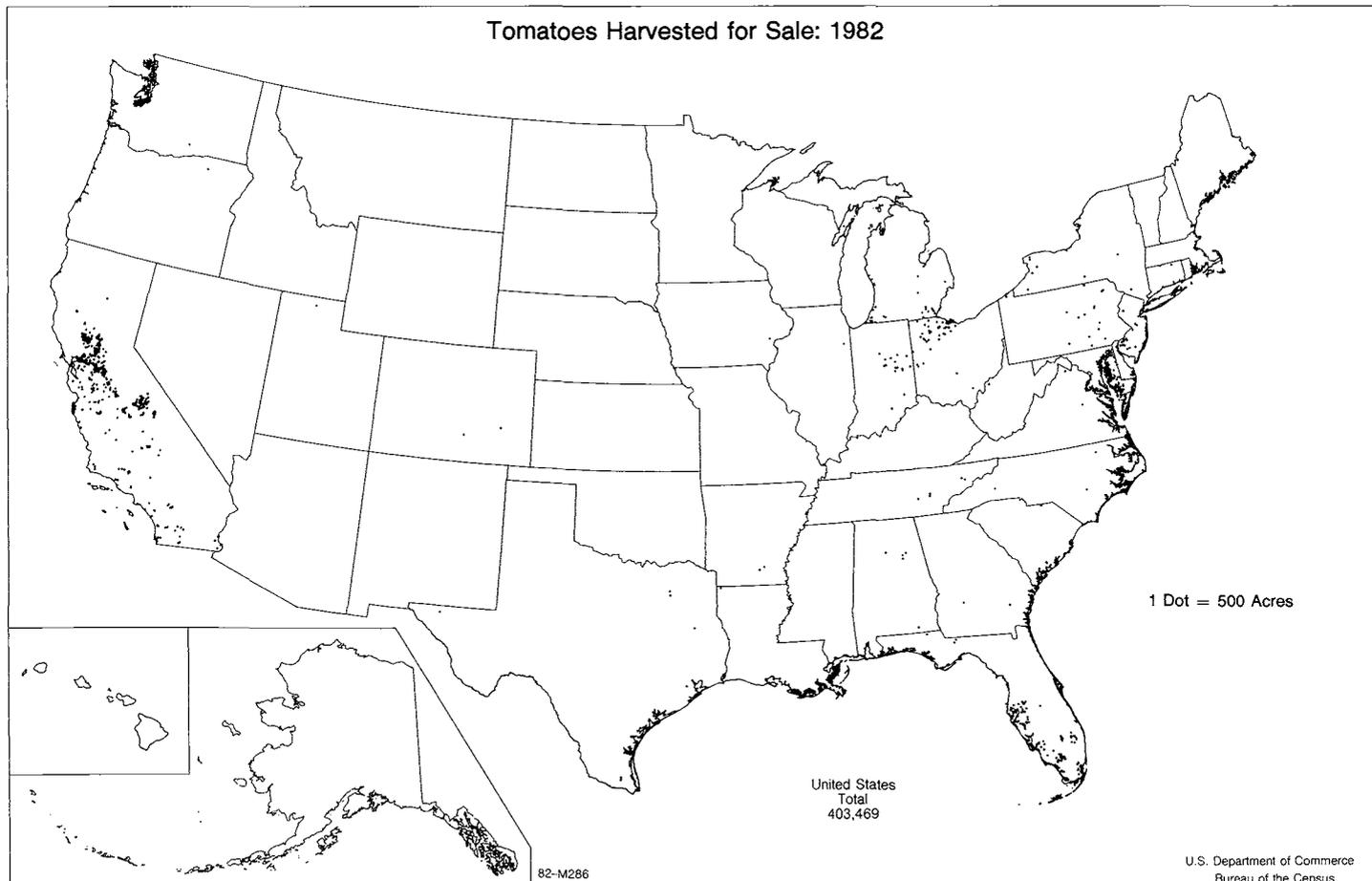
Snap Beans Harvested for Sale: 1982



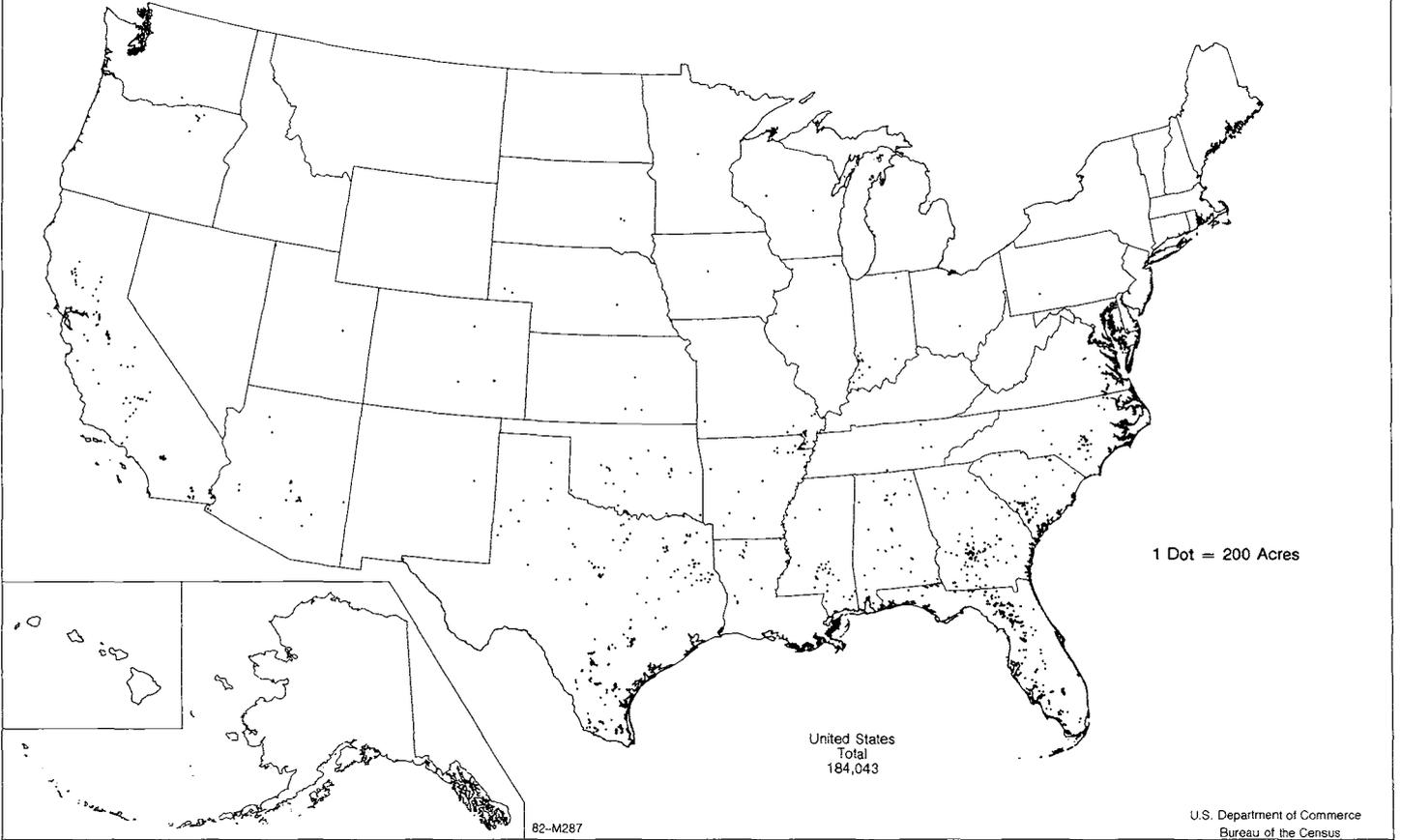
Sweet Corn Harvested for Sale: 1982



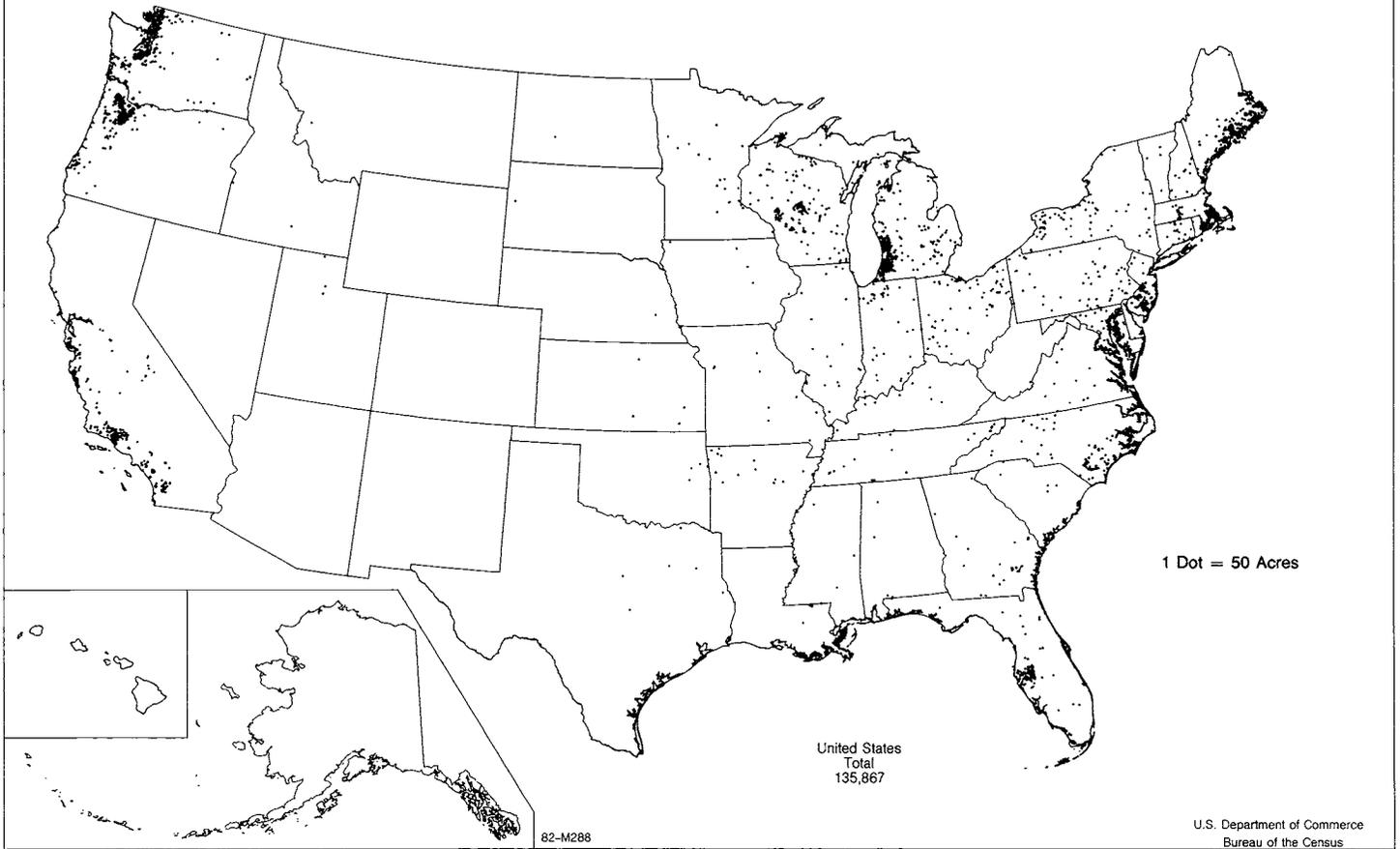
Tomatoes Harvested for Sale: 1982



Watermelons Harvested for Sale: 1982



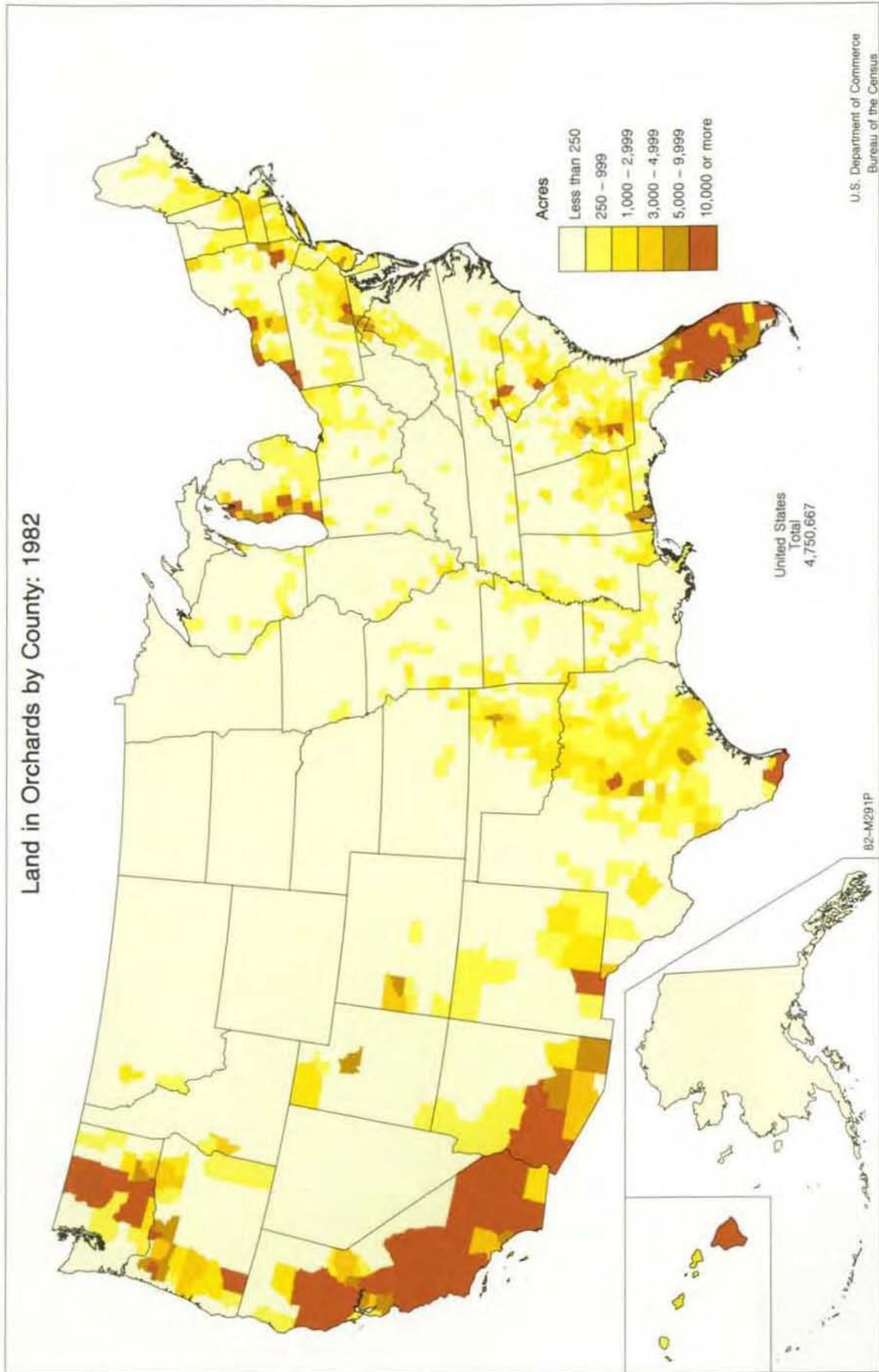
Berries Harvested for Sale: 1982



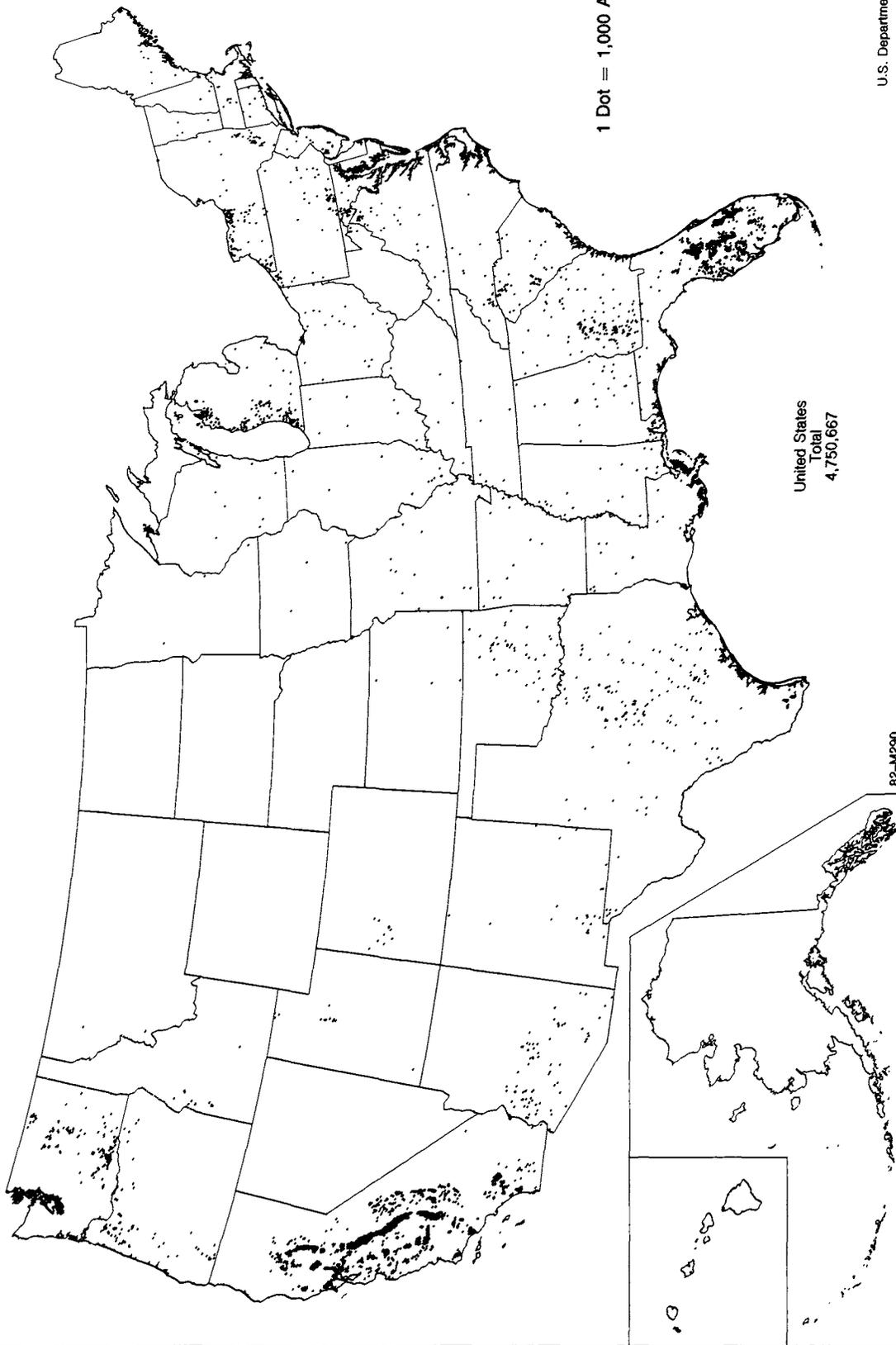
Strawberries Harvested for Sale: 1982



Land in Orchards by County: 1982

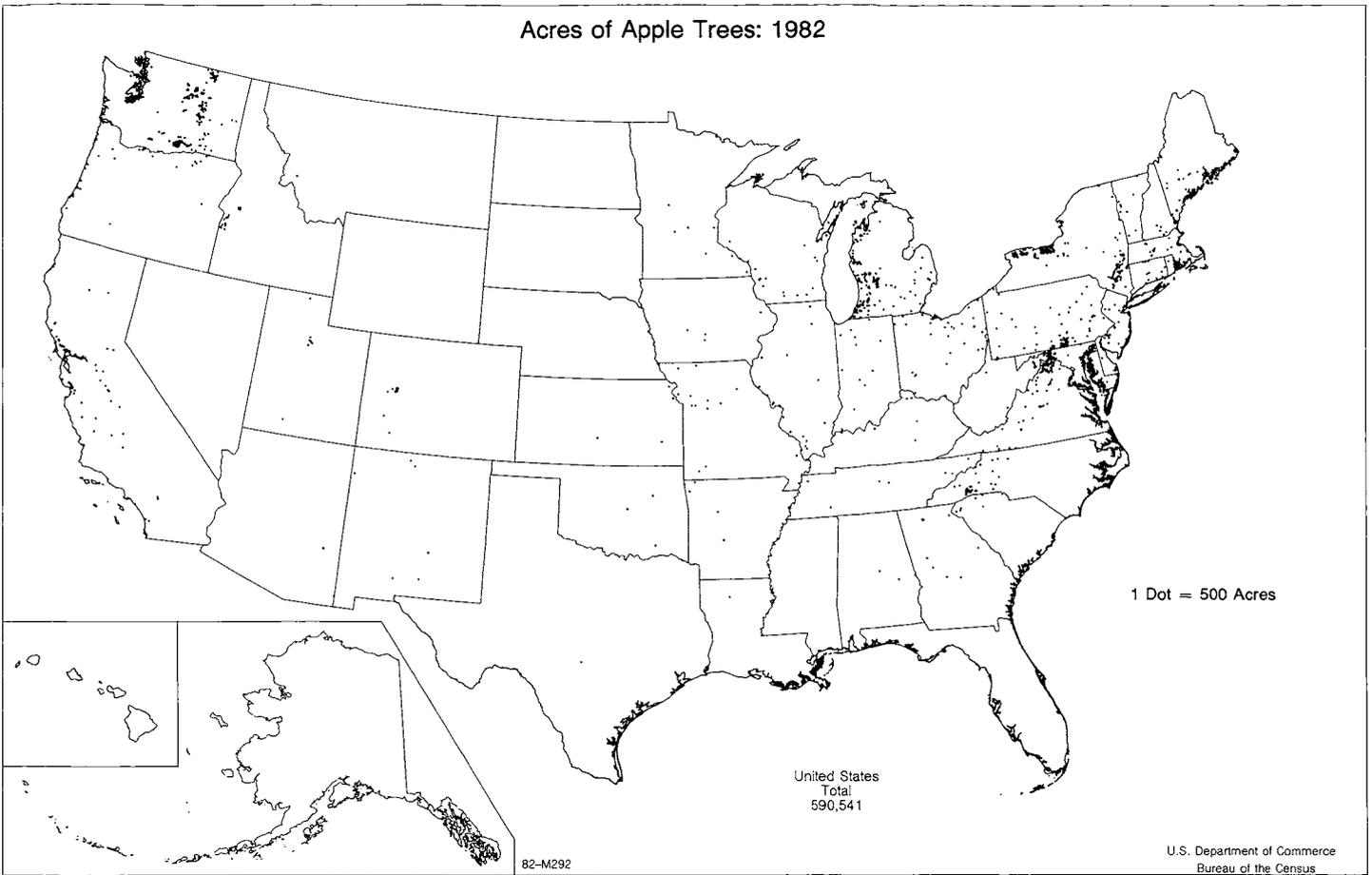


Land in Orchards: 1982

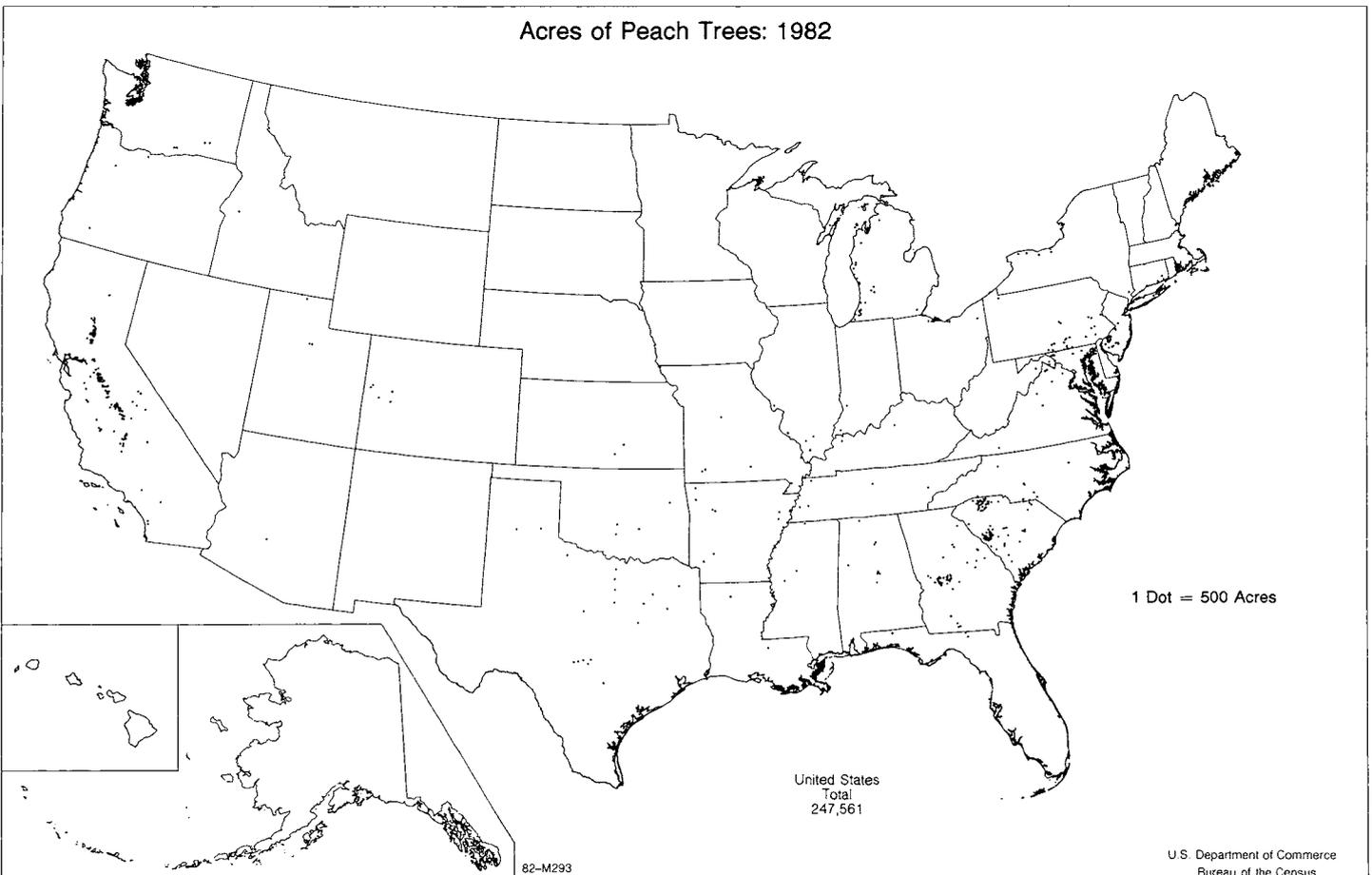


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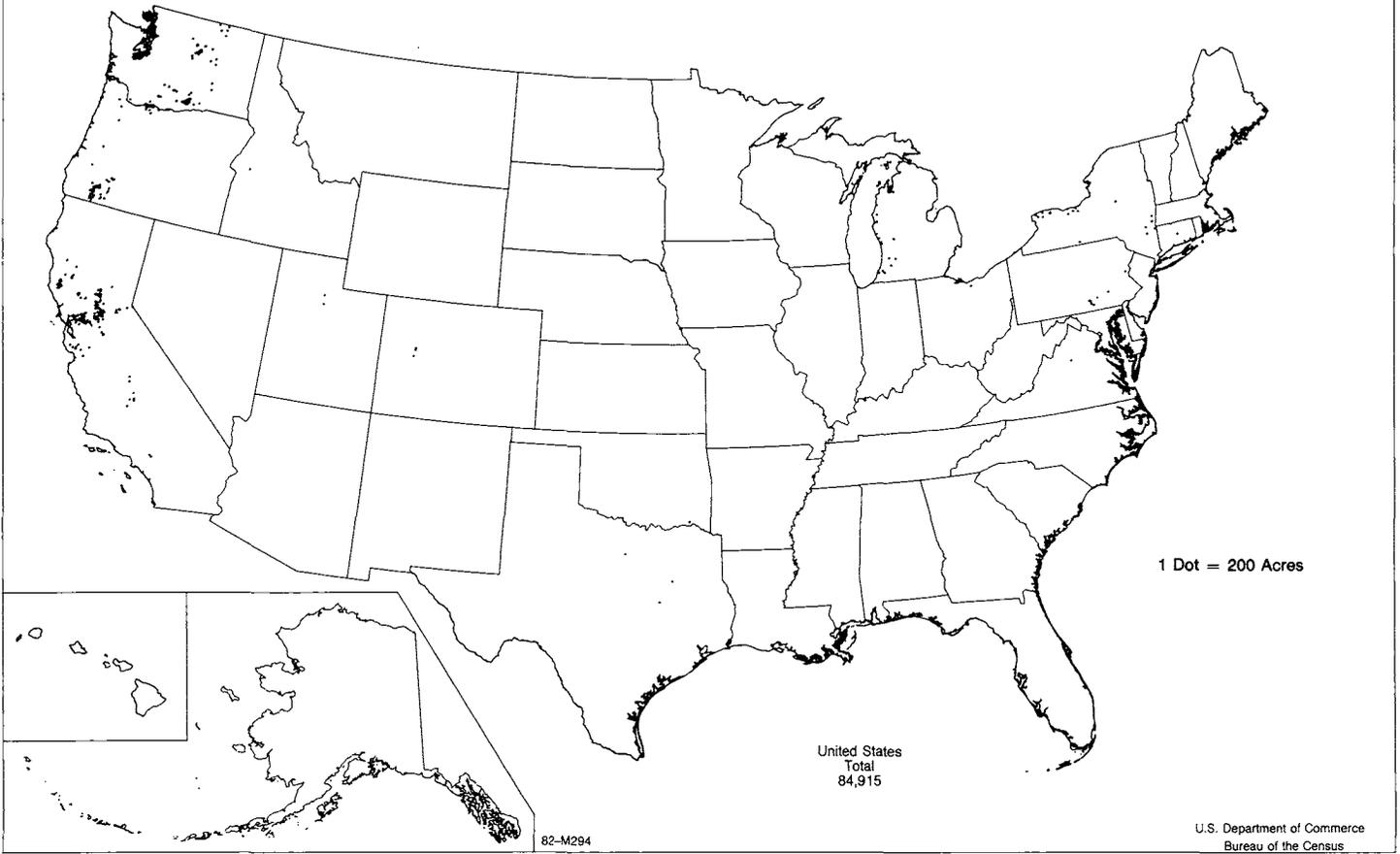
Acres of Apple Trees: 1982



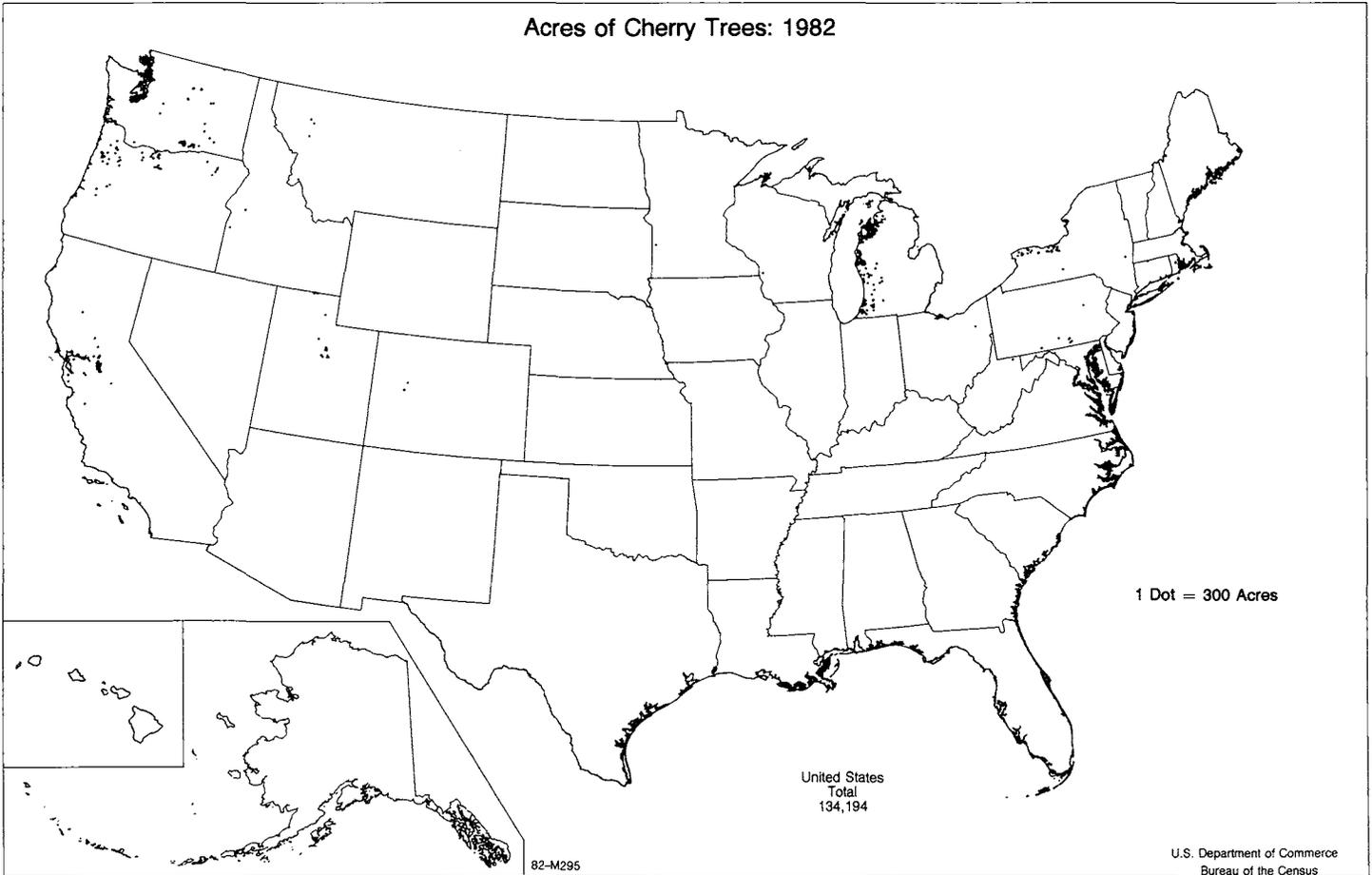
Acres of Peach Trees: 1982



Acres of Pear Trees: 1982



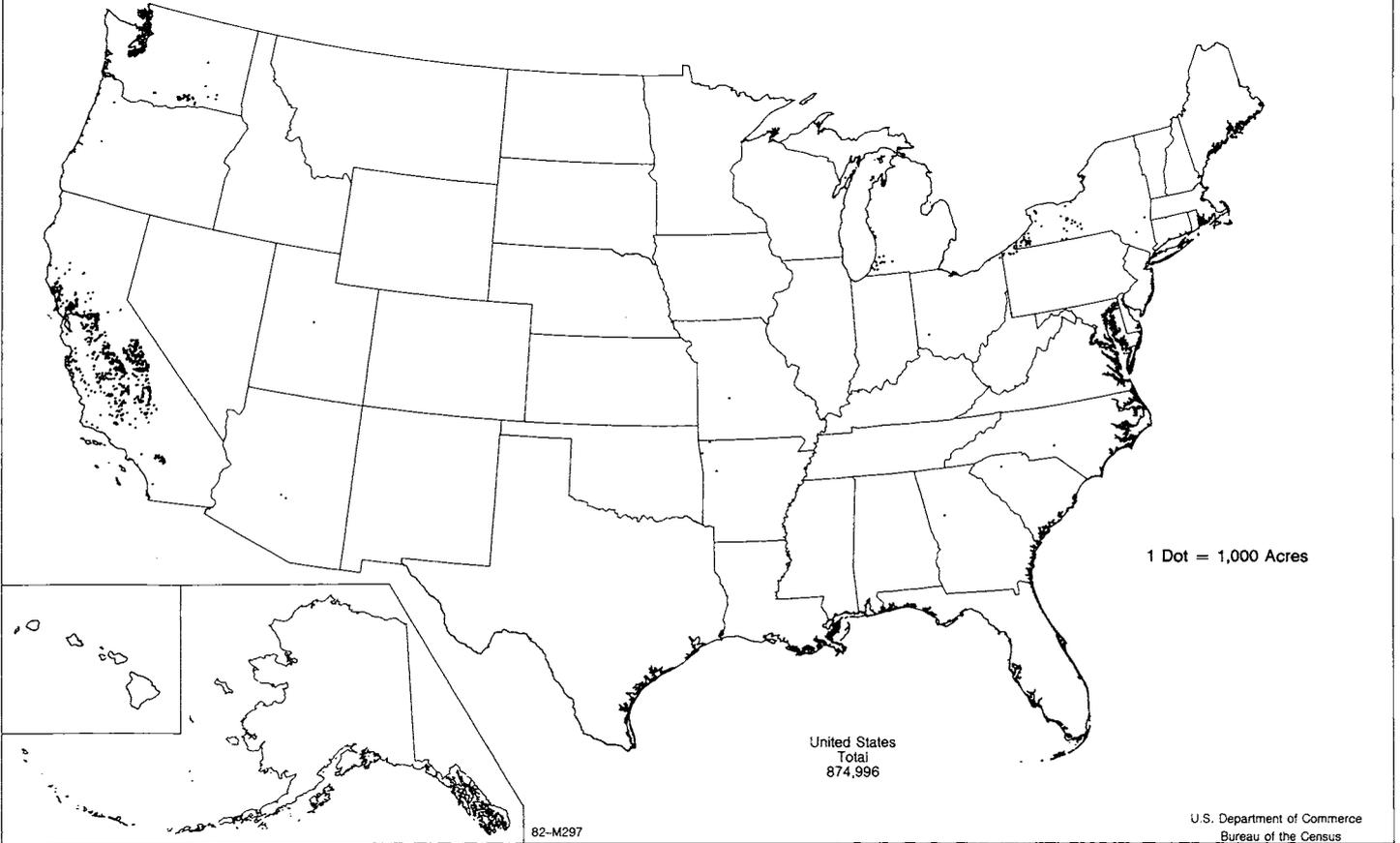
Acres of Cherry Trees: 1982



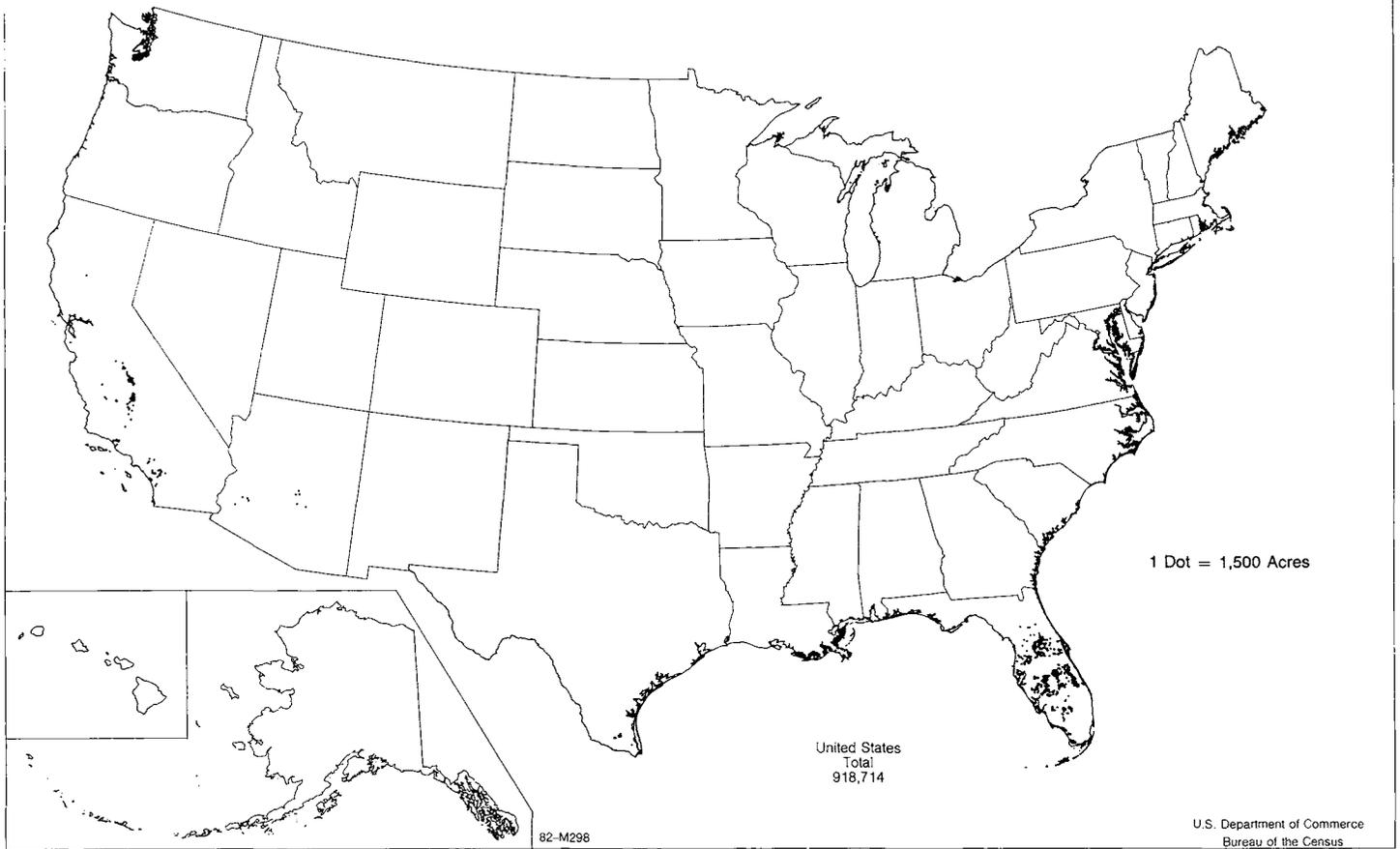
Acres of Plum and Prune Trees: 1982



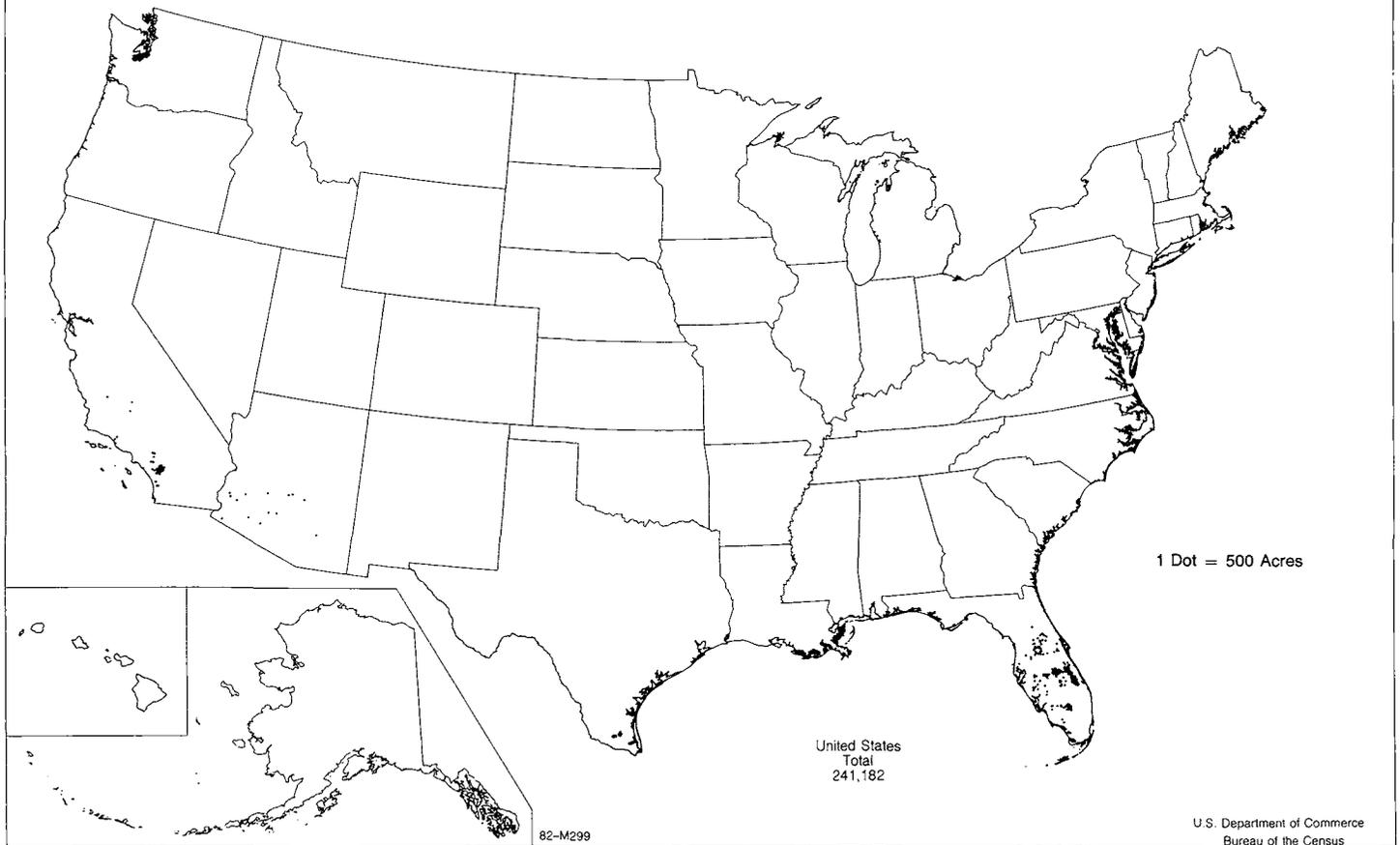
Acres of Grape Vines: 1982



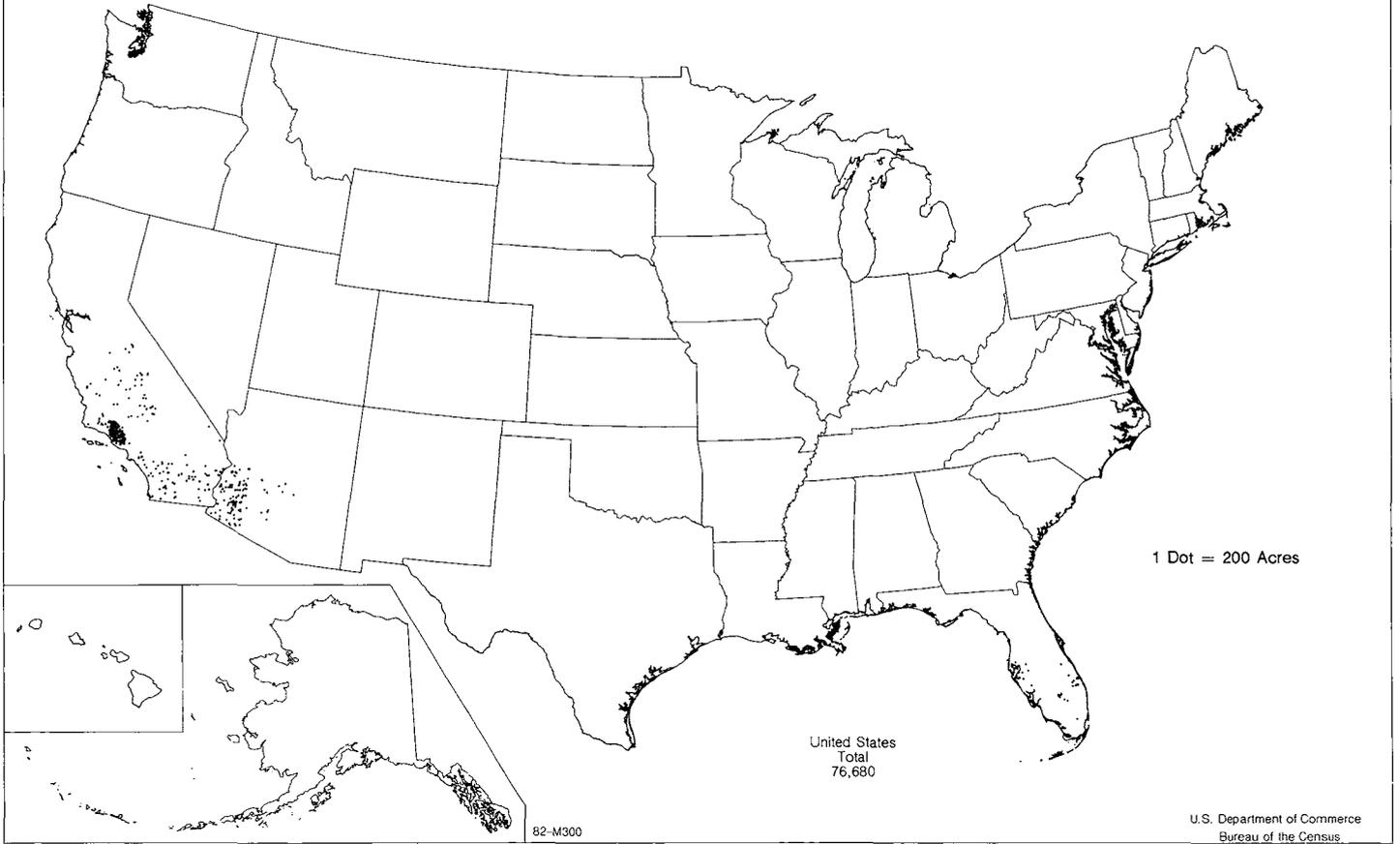
Acres of Orange Trees: 1982



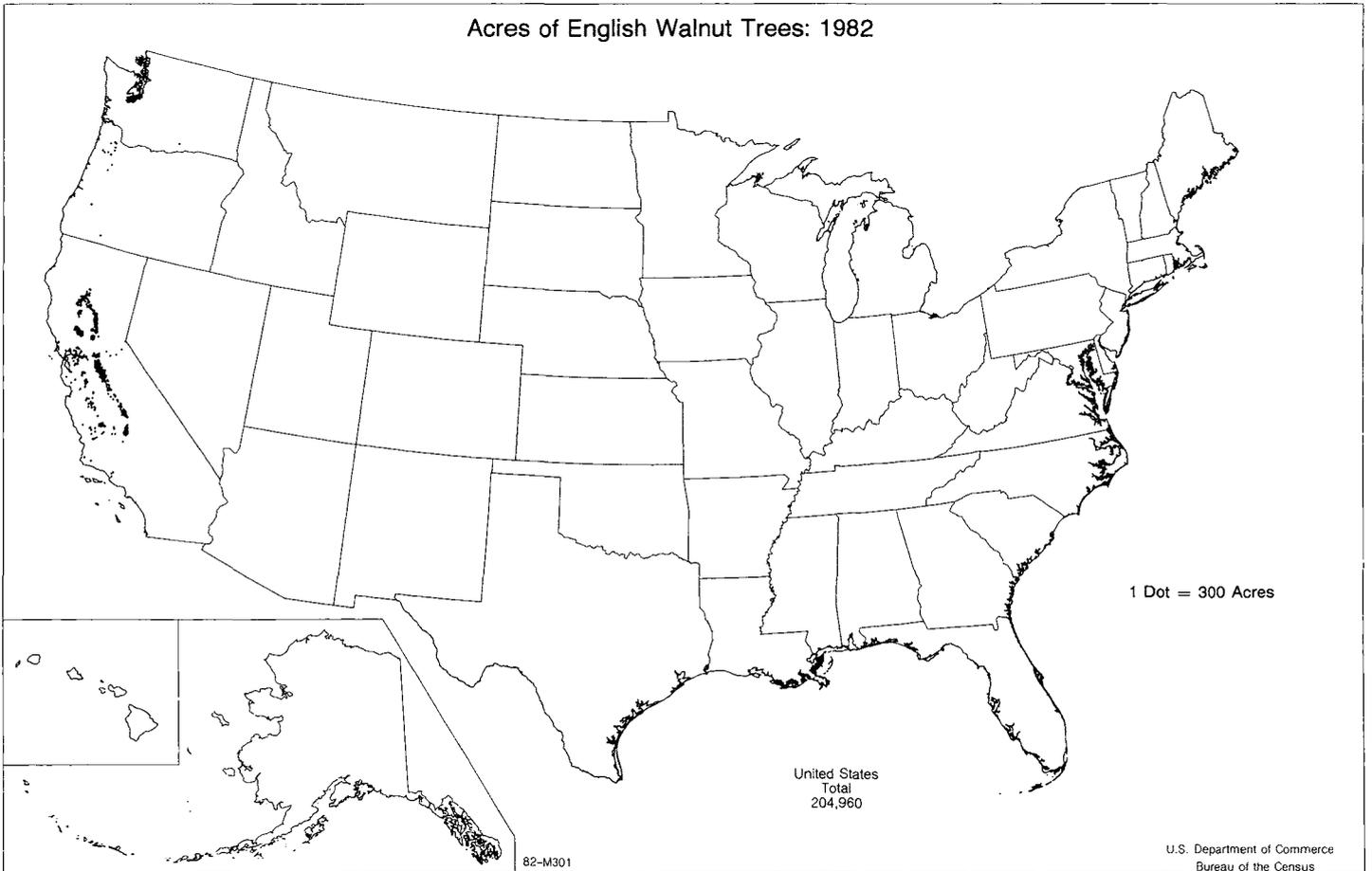
Acres of Grapefruit Trees: 1982



Acres of Lemon Trees: 1982



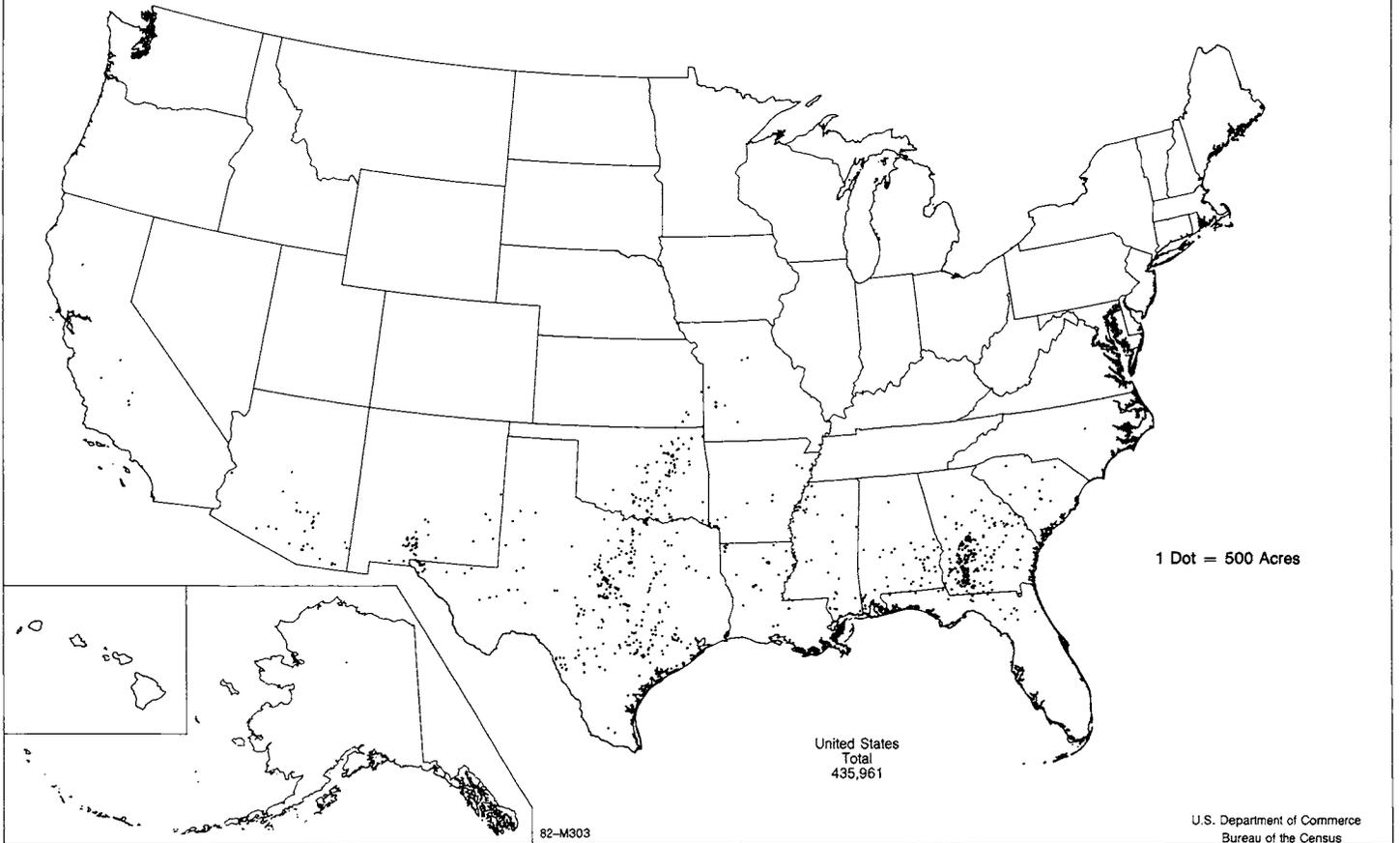
Acres of English Walnut Trees: 1982



Acres of Almond Trees: 1982



Acres of Pecan Trees: 1982





PUBLICATION PROGRAM

Preliminary and final results of the 1982 Census of Agriculture are being published in a series of reports which provide data for each county and State and for the United States, Puerto Rico, Guam, and the Virgin Islands of the United States. The publications include statistics on number of farms; land in farms; farm and farm operator characteristics; livestock, poultry, and their products; crop production and value; selected expenditures; irrigation; and standard industrial classification of farms.

Publication order forms may be obtained from Customer Services Branch (Publications), Data User Services Division, Bureau of the Census, Washington, D.C. 20233, or from any U.S. Department of Commerce district office.

PRELIMINARY REPORTS (AC82-01(P) to -56(P))

Preliminary reports are published separately for each county in the United States with 10 farms or more, for each State, and for the United States. These reports contain data for all agricultural operations with \$1,000 or more in actual or potential sales of agricultural products in the census year. The reports include data on number of farms, land in farms, size of farms, land use practices, farm operator characteristics, sales, expenditures, machinery and equipment, livestock, poultry, dairy products, and major crops harvested in the State.

FINAL REPORTS

Volume 1. Geographic Area Series (AC82-A-1 to -54)

State and County Data (A-1 to -50)—A separate report is presented showing detailed data for each State and the counties within. These reports include data on number and size of farms, tenure, age, and occupation of operators; types of organization; value of products sold; and standard industrial classification of farms.

Summary and State Data (A-51)—This report contains detailed data at the national and State levels.

Outlying Areas (A-52 to -54)—These reports present detailed data for each area and subdivision in Puerto Rico, Guam, and the Virgin Islands of the United States.

Volume 2. Subject Series (AC82-SS-1 to -3)

Graphic Summary (SS-1)—This report presents the Nation's agriculture graphically illustrated by dot and multicolor pattern maps. The maps provide displays on size and type of farm, land use, farm tenure, value of products sold, crops harvested, livestock inventories, and other characteristics of farms.

Coverage Evaluation (SS-2)—This report presents estimates of the completeness of the 1982 Census of Agriculture for the United States and geographic regions. It provides coverage estimates of farms, land, value of products, selected characteristics of missed farms, and sample reliability.

Ranking of States and Counties (SS-3)—This report presents the ranking of States and counties in order of importance for selected items for the 1982 Census of Agriculture. Items ranked include: number of farms, value of products sold, inventory of livestock and poultry, and production and acreage of major crops. Comparative data from the 1978 Census of Agriculture are included for most tables.

MICROFICHE

Microfiche are available from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Final County Reports—A final report for each county and State, with the same format and items as the published preliminary reports, is available on microfiche only.

Volume 1 Reports—Published Geographic Area Series data are also available on microfiche.

COMPUTER TAPES

Public-use computer tapes contain the same summary statistics that are found in the published preliminary reports and the county data from the volume 1 reports. Order forms may be obtained from the Customer Services Branch, Data User Services Division, Bureau of the Census, Washington, D.C. 20233 (telephone 301/763-4100). Upon request, special sets of tapes of the State data in volume 1 may be obtained from the Agriculture Division, Bureau of the Census, Washington, D.C. 20233.

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