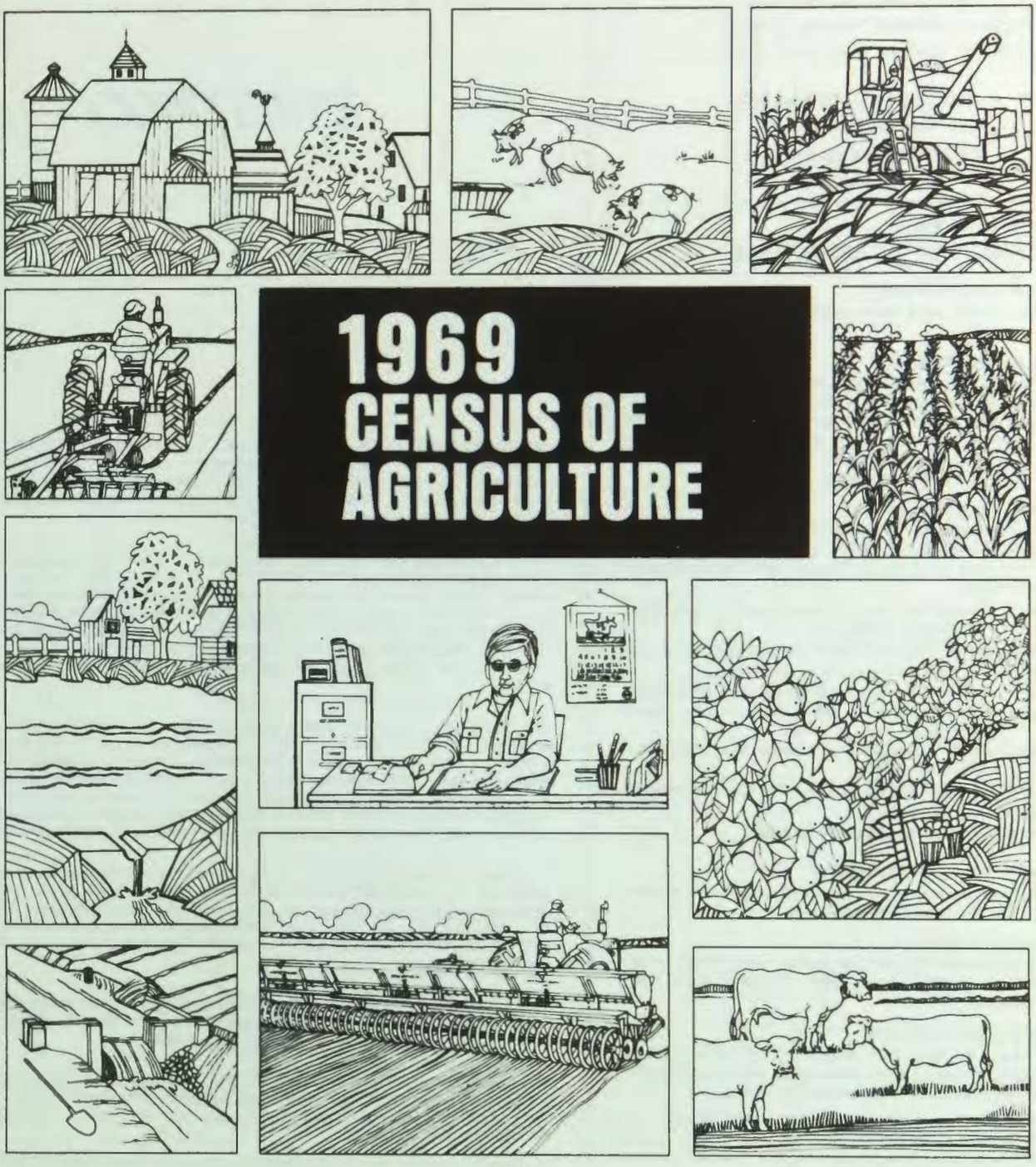
part 15

GRAPHIC SUMMARY

VOLUME V
SPECIAL REPORTS



1969 CENSUS OF AGRICULTURE

Issued December 1973

U. S. DEPARTMENT OF COMMERCE
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Sidney L. Jones, Assistant Secretary for Economic Affairs

Social and Economic Statistics Administration
Edward D. Failor, Administrator

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REPORTS OF THE 1969 CENSUS OF AGRICULTURE

Individual County Reports
Eight-page reports have been issued for each county and State.

Volume I. Area Reports
A separate report has been published for each State, American Samoa, Guam, Puerto Rico, Trust Territory, and the Virgin Islands. The report consists of two sections. Section 1 contains State summary data, county summary of selected data, and miscellaneous items by counties; Section 2 contains the detailed county reports.

Volume II. General Report
Statistics by subject are presented in separate chapters with totals for the United States, regions, geographic divisions, and States. The nine chapters are being issued as individual reports as follows:

Chapter 1 General Information; Procedures for Collection, Processing, Classification
Chapter 2 Farms: Number, Use of Land, Size of Farm
Chapter 3 Farm Management, Farm Operators
Chapter 4 Equipment, Labor, Expenditures, Chemicals
Chapter 5 Livestock, Poultry, Livestock and Poultry Products
Chapter 6 Crops, Nursery and Greenhouse Products, Forest Products
Chapter 7 Value of Products, Economic Class, Contracts
Chapter 8 Type of Farm
Chapter 9 Irrigation and Drainage on Farms

Volume III. Agricultural Services
This new report contains data relating to agricultural services for the United States by State and county.

Volume IV. Irrigation
Data will be included on drainage basins, land irrigated, crop production on irrigated land, water conveyed, users, and types of organizations.

Volume V. Special Reports
Reports may contain data obtained from supplemental surveys, such as type of farm, horticulture, and farm finance; in addition to information obtained in the census.

Parts 1 to 9. Type-of-Farm Operations.—One for each of nine major type-of-farm classifications.
Part 10. Horticultural Specialties.
Part 11. Farm Finance.
Part 12. Ranking Agricultural Counties.
Part 13. Forms and Procedures.
Part 14. Procedural History.
Part 15. Graphic Summary.
Part 16. Coverage Evaluation.

Volume VI. Drainage of Agricultural Lands
This report will include agricultural drainage statistics collected from individual farms and from publicly organized drainage projects.

ACKNOWLEDGMENTS—The data used in the preparation of this report were furnished by the nation's farm operators, members of their families, or employees. The Graphic Summary is the result of a cooperative effort under the joint direction of **J. Thomas Breen**, Chief, Agriculture Division, and **Morton A. Meyer**, Chief, Geography Division.

Orvin L. Wilhite, Assistant Chief, Agriculture Division, participated in the overall planning and supervised the preparation of this report. Development of the subject matter content, review of the data displayed on the maps, and preparation of the text were accomplished by **Joseph A. Horak**, Agriculture Division. **Richard I. Buhrman**, then of the Agriculture Division, wrote the computer programs used to convert the county statistics to formats permitting direct computer preparation of the dot and pattern maps and assisted in the development of the pattern map programs.

The maps were prepared under the supervision of **Richard H. Schweitzer, Jr.**, Geography Division. The dot maps were prepared for the Census Bureau through a contract with the Cartographic Laboratory, University of Wisconsin - Madison, under the immediate direction of **Dr. Joel L. Morrison.** The dot maps were drawn on a computer-driven drum plotter utilizing a computer program written by **Wendell K. Beckwith.** The program automatically clusters the dot patterns within counties with respect to the specific land use patterns found in the counties.

The computer mapping system used to create the pattern maps was developed by **Frederick R. Broome**, Geography Division, who also wrote the computer programs required to produce the plot tapes. The color separation negatives used to create the pattern maps were automatically drawn on a FR-80, Computer Output on Microfilm unit operated by the National Oceanic and Atmospheric Administration.

The photographic processing and final preparation of the publication negatives were accomplished by the Geographic Operations Branch, Data Preparation Division, under the supervision of **Kurt L. G. Legait.**

Helen D. Turner, assisted by **Janet W. Hall**, coordinated the various phases of the publication program for the Agriculture Division. Publication planning, editing, and printing were accomplished through the Publication Services Division, **Raymond J. Koski**, Chief.

SUGGESTED CITATION
U.S. Bureau of the Census, Census of Agriculture, 1969
Volume V. Special Reports
Part 15. Graphic Summary

U.S. Government Printing Office, Washington, D.C. 1973

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CONTENTS

MAPS

MAPS—Continued

MAPS—Continued

MAPS—Continued

MAPS—Continued

MAPS—Continued

Introduction

The 1969 Census of Agriculture, the 19th nationwide census of agriculture of the United States, was the first to be conducted primarily by mail. This report summarizes graphically many of the significant facts collected by the census regarding agricultural operations in the United States.

Authority

The census of agriculture is authorized under the provisions of Title 13, United States Code. Section 142(a) provides that the Secretary of Commerce shall take a census of agriculture in 1959 and each fifth year thereafter.

Source of Information

The data used in preparing the charts shown in this graphic summary were obtained from the 1969 Census of Agriculture; detailed statistics may be found in volumes I and II of the 1969 census reports.

Presentation of Data—U.S. Totals

Except for 12 increase-decrease maps, the maps in this report show data only for 1969. The 1969 total for each map is shown below, along with the comparable 1964 total, the numerical increase or decrease and the percent change from 1964 to 1969.

1969 Census of Agriculture—U.S. Summary of Mapped Data, With 1964 Comparative Data

Map number		Title	Unit	1969	1964	1964 to 1969		Percent change
All farms	Class 1-5 farms					Increase	Decrease	
		NUMBER OF FARMS						
69-M1		Number of farms	number	2,730,250	3,157,857		427,607	−13.5
69-M2		Farms increase and decrease in number	number	2,730,250	3,157,857		427,607	−13.5
	69-M3	Number of farms with sales of $2,500 and over (class 1-5 farms)	number	1,733,683	1,817,440		83,757	−4.6
	69-MP5	Farms with sales of $2,500 and over as a percent of all farms	percent	63.5	57.6	5.9		+10.3
69-M4		Number of farms with sales less than $2,500	number	994,456	1,338,239		343,783	−25.7
69-MP6		Farms with less than $2,500 sales as a percent of all farms	percent	36.4	42.4		6.0	−14.1
		VALUE OF LAND AND BUILDINGS						
69-MP1		Average value of land and buildings per farm	dollars	75,725	50,646	25,079		+49.5
69-MP2		Average value of land and buildings per acre of land in farms	dollars	194.43	143.81	50.62		+35.2
		SIZE OF FARM						
69-MP3		Average size of farms	acres	389.5	351.6	37.9		+10.8
	69-MP4	Average size of farms with sales of $2,500 and over (class 1-5 farms)	acres	529.7	507.8	21.9		+4.3
69-M5		Farms of less than 50 acres	number	635,576	820,015		184,439	−22.5
69-M6		Farms of 50 to 179 acres	number	1,001,706	1,175,370		173,664	−14.8
69-M7		Farms of 180 to 259 acres	number	306,942	355,442		48,500	−13.6
69-M8		Farms of 260 to 499 acres	number	419,421	451,301		31,880	−7.1
69-M9		Farms of 500 to 999 acres	number	215,659	210,437	5,222		+2.5
69-M10		Farms of 1,000 acres or more	number	150,946	145,292	5,654		+3.9

Map number		Title	Unit	1969	1964	1964 to 1969		Percent change
All farms	Class 1-5 farms					Increase	Decrease	
		TYPE OF FARM						
	69-M12	Cash-grain farms (class 1-5 farms)	number	369,312	368,518	794		+0.2
	69-M13	Tobacco farms (class 1-5 farms)	number	89,903	125,593		35,690	−28.4
	69-M14	Cotton farms (class 1-5 farms)	number	40,534	117,241		76,707	−65.4
	69-M15	Other field crop farms (class 1-5 farms)	number	31,190	31,299		109	−0.3
	69-M16	Vegetable farms (class 1-5 farms)	number	19,660	17,345	2,315		+13.3
	69-M17	Fruit and nut farms (class 1-5 farms)	number	53,754	50,108	3,646		+7.3
	69-M18	Poultry farms (class 1-5 farms)	number	57,545	76,322		18,777	−24.6
	69-M19	Dairy farms (class 1-5 farms)	number	260,956	349,244		88,288	−25.3
	69-M24	Livestock farms, other than poultry and dairy, and livestock ranches (class 1-5 farms)	number	647,884	470,715	177,169		+37.6
	69-M22	General farms (class 1-5 farms)	number	126,527	175,103		48,576	−27.7
	69-M23	Miscellaneous farms (class 1-5 farms)	number	36,418	35,952	466		+1.3
		ECONOMIC CLASS OF FARMS						
	69-M25	Class 1 farms (sales of $40,000 and over)	number	221,690	141,914	79,776		+56.2
	69-M26	Class 2 farms (sales of $20,000 to $39,999)	number	330,992	259,898	71,094		+27.4
	69-M27	Class 3 farms (sales of $10,000 to $19,999)	number	395,472	467,096		71,624	−15.3
	69-M28	Class 4 farms (sales of $5,000 to $9,999)	number	390,425	504,614		114,189	−22.6
	69-M29	Class 5 farms (sales of $2,500 to $4,999)	number	395,104	443,918		48,814	−11.0
69-M30		Class 6 farms (sales of $50 to $2,499)	number	192,564	348,272		155,708	−44.7
69-M31		Part-time farms	number	574,546	639,409		64,863	−10.1
69-M32		Part-retirement farms	number	227,346	350,558		123,212	−35.1
	69-MP61	Farms with sales of $10,000 and over as a percent of all farms	percent	34.7	27.5	7.2		+26.2
		TENURE AND CHARACTERISTICS OF FARM OPERATORS						
69-M34		Farms operated by full owners	number	1,705,720	1,818,254		112,534	−6.2
69-MP7		Percent of farms operated by full owners	percent	62.5	57.6	4.9		+8.5
69-M35		Farms operated by part owners	number	671,607	781,884		110,277	−14.1
69-MP8		Percent of farms operated by part owners	percent	24.6	24.8		0.2	−0.7
69-M36		Farms operated by tenants	number	352,923	539,921		186,998	−34.6
69-MP9		Percent of farms operated by tenants	percent	12.9	17.1		4.2	−24.4
69-MP28		Percent of farm operators under 25 years of age	percent	1.9	1.7	0.3		+15.0
69-MP27		Percent of farm operators 65 years old and over	percent	16.6	17.4		0.8	−4.4
69-M42		Farm operators reporting any off-farm work	number	1,482,292	1,462,183	20,109		+1.4
69-M43		Farm operators working off their farms 100 days or more	number	1,090,502	1,013,200	77,302		+7.6
69-MP29		Percent of farm operators working off farms 100 days or more	percent	39.9	32.1	7.9		+24.5
69-MP62		Percent of farm operators not residing on farm operated	percent	16.8	9.2	7.5		+81.9

1969 Census of Agriculture—U.S. Summary of Mapped Data, With 1964 Comparative Data—Continued

Map number		Title	Unit	1969	1964	1964 to 1969		Percent change
All farms	Class 1-5 farms					Increase	Decrease	
		TYPE OF FARM ORGANIZATION						
	69-MP10	Percent of land in farms operated by individuals or families (class 1-5 farms)	percent	72.5	NA	–	–	–
	69-MP11	Percent of land in farms operated by partnerships (class 1-5 farms)	percent	17.8	NA	–	–	–
	69-MP12	Percent of land in farms operated by corporations (class 1-5 farms)	percent	8.8	NA	–	–	–
		LAND IN FARMS AND LAND USE						
69-M49		Land in farms	acres	1,063,346,489	1,110,184,615		46,838,126	–4.2
69-M50		Land in farms—increase and decrease in acreage	acres	1,063,346,489	1,110,184,615		46,838,126	–4.2
69-MP31		Land in farms as a percent of land area	percent	47.0	49.0		2.0	–4.0
69-M51		Cropland	acres	459,047,505	434,235,833	24,811,672		+5.7
69-M52		Cropland-increase and decrease in acreage	acres	459,047,505	434,235,833	24,811,672		+5.7
69-MP32		Cropland as a percent of land area	percent	20.3	19.1	1.1		+5.9
69-MP33		Cropland as a percent of land in farms	percent	43.2	39.1	4.1		+10.4
69-M53		Harvested cropland	acres	273,016,000	286,892,202		13,876,202	–4.8
69-MP34		Harvested cropland as a percent of land area	percent	12.1	12.6		0.6	–4.7
69-MP35		Harvested cropland as a percent of land in farms	percent	25.7	25.8		0.2	–0.6
	69-MP36	Pastureland as a percent of land in farms (class 1-5 farms)	percent	54.5	54.8		0.4	–0.7
69-M58		Irrigated land	acres	39,121,693	37,055,449	2,066,244		+5.6
69-M59		Irrigated land—increase and decrease in acreage	acres	39,121,693	37,055,449	2,066,244		+5.6
69-MP37		Irrigated land as a percent of land in farms	percent	3.7	3.3	0.3		+10.2
	69-MP38	Irrigated harvested cropland as a percent of harvested cropland (class 1-5 farms)	percent	12.5	NA	–	–	–
	69-M61	Drained land (class 1-5 farms)	acres	59,550,697	NA	–	–	–
	69-MP39	Drained land as a percent of land in farms (class 1-5 farms)	percent	6.5	NA	–	–	–
		CONSERVATION PRACTICES						
	69-M62	Grain or row crops farmed on the contour (class 1-5 farms)	acres	14,572,224	20,254,349		5,682,125	–28.1
	69-M63	Stripcropping systems to control erosion (class 1-5 farms)	acres	12,447,013	16,029,231		3,582,218	–22.3
	69-M64	Cropland and pastureland having terraces (class 1-5 farms)	acres	16,435,486	NA	–	–	–
		MARKET VALUE OF FARM PRODUCTS SOLD						
69-M65		Value of farm products sold	dollars	45,609,090,417	35,292,343,942	10,316,746,475		+29.2
69-MP13		Pattern of value of farm products sold	dollars	45,609,090,417	35,292,343,942	10,316,746,475		+29.2
69-MP14		Average value per farm of farm products sold	dollars	16,705	11,176	5,529		+49.5
69-MP15		Average value of farm products sold per acre of land in farms	dollars	42.89	31.79	11.10		+34.9
69-MP16		Average net value (value of farm products sold minus farm production expenses) of farm products sold per farm	dollars	2,940	NA	–	–	–

1969 Census of Agriculture—U.S. Summary of Mapped Data, With 1964 Comparative Data—Continued

Map number: All farms	Map number: Class 1-5 farms	Title	Unit	1969	1964	1964 to 1969: Increase	1964 to 1969: Decrease	Percent change
		MARKET VALUE OF FARM PRODUCTS SOLD—Continued						
69-MP17		Net value of farm products sold as a percent of total farm sales	percent	17.6	NA	–	–	–
69-MP18		Net value of farm products sold as a percent of value of land and buildings	percent	3.9	NA	–	–	–
69-M66		Value of crops sold	dollars	16,922,023,191	16,236,247,722	685,775,469		+4.2
69-MP19		Value of crops sold as a percent of farm products sold	percent	37.1	46.0		8.9	–19.4
69-MP20		Average value of crops sold per acre of harvested cropland	dollars	61.98	56.59	5.39		+9.5
69-M72		Value of livestock, poultry and their products sold	dollars	28,526,119,823	18,841,026,664	9,685,093,159		+51.4
	69-MP21	Value of poultry and poultry products sold as a percent of farm products sold (class 1-5 farms)	percent	8.8	NA	–	–	–
	69-MP22	Value of dairy products sold as a percent of farm products sold (class 1-5 farms)	percent	12.2	NA	–	–	–
	69-MP23	Value of cattle and calves sold as a percent of farm products sold (class 1-5 farms)	percent	31.5	NA	–	–	–
	69-MP24	Value of hogs, sheep, and goats sold as a percent of farm products sold (class 1-5 farms)	percent	9.8	NA	–	–	–
		FARM-RELATED INCOME						
69-M77		Income from customwork and other agricultural services	dollars	509,612,885	NA	–	–	–
69-M78		Income from recreational services	dollars	49,622,915	40,731,541	8,891,374		+21.8
69-MP25		Income from government farm programs as a percent of sales of farm proucts	percent	5.6	NA	–	–	–
69-MP26		Income from government farm programs as a percent of net sales of farm products	percent	31.6	NA	–	–	–
		FARM PRODUCTION EXPENSES						
69-M80		Farm production expenses	dollars	37,581,596,653	NA	–	–	–
69-MP41		Pattern of farm production expenses	dollars	37,581,596,653	NA	–	–	–
69-MP40		Farm production expenses as a percent of value of farm products sold	percent	82.4	NA	–	–	–
69-M81		Expenditures for purchase of livestock and poultry	dollars	8,081,638,922	4,177,778,075	3,903,860,847		+93.4
69-MP42		Pattern of expenditures for purchase of livestock and poultry	dollars	8,081,638,922	4,177,778,075	3,903,860,847		+93.4
69-M82		Expenditures for feed for livestock and poultry	dollars	7,100,395,745	5,511,833,966	1,588,561,779		+28.8
69-MP43		Pattern of expenditures for feed for livestock and poultry	dollars	7,100,395,745	5,511,833,966	1,588,561,779		+28.8
69-MP63		Expenditures for commercially mixed formula feeds as a percent of all feed purchased for livestock and poultry	percent	63.1	67.7		4.6	–6.8
69-M83		Expenditures for seeds, bulbs, plants, and trees	dollars	871,471,287	660,671,595	210,799,692		+31.9
69-MP44		Pattern of expenditures for seeds, bulbs, plants, and trees	dollars	871,471,287	660,671,595	210,799,692		+31.9
69-M84		Expenditures for commercial fertilizer	dollars	2,209,185,456	1,771,617,015	437,568,441		+24.7

Map number		Title	Unit	1969	1964	1964 to 1969		Percent change
All farms	Class 1-5 farms					Increase	Decrease	
		FARM PRODUCTION EXPENSES—Con.						
69-MP45		Pattern of expenditures for commercial fertilizer	dollars	2,209,185,456	1,771,617,015	437,568,441		+24.7
69-M85		Expenditures for lime	dollars	102,097,156	NA	–	–	–
69-M86		Expenditures for agricultural chemicals excluding lime and fertilizer	dollars	805,939,016	NA	–	–	–
69-MP46		Pattern of expenditures for agricultural chemicals excluding lime and fertilizer	dollars	805,939,016	NA	–	–	–
69-MP64		Average expenditure for agricultural chemicals excluding lime and fertilizer per farm reporting	dollars	613	NA	–	–	–
69-M87		Expenditures for gasoline and other petroleum fuel and oil for the farm business	dollars	1,906,578,901	1,786,789,060	119,789,841		+6.7
69-MP47		Pattern of expenditures for gasoline and other petroleum fuel and oil for the farm business	dollars	1,906,578,901	1,786,789,060	119,789,841		+6.7
69-M88		Expenditures for hired farm labor, excluding contract labor	dollars	3,375,203,049	2,798,568,115	576,634,934		+20.6
69-MP48		Pattern of expenditures for hired farm labor, excluding contract labor	dollars	3,375,203,049	2,798,568,115	576,634,934		+20.6
69-M89		Expenditures for contract labor, machine hire, and customwork	dollars	1,405,258,858	869,784,030	535,474,828		+61.6
69-MP49		Pattern of expenditures for contract labor, machine hire, and customwork	dollars	1,405,258,858	869,784,030	535,474,828		+61.6
		HIRED FARM LABOR						
	69-M93	Number of regular hired farm workers (working 150 days or more) (class 1-5 farms)	number	654,370	866,022		211,652	–24.4
	69-M94	Number of hired workers working less than 150 days (class 1-5 farms)	number	5,125,604	NA	–	–	–
	69-MP30	Ratio of regular hired farm workers (working 150 days or more) to farm operators (class 1-5 farms)	number	0.38	0.48		0.10	–20.8
		MACHINERY AND EQUIPMENT ON PLACE						
69-M95		Estimated market value of all machinery and equipment on place	dollars	25,343,076,671	NA	–	–	–
69-MP50		Pattern of estimated market value of all machinery and equipment on place	dollars	25,343,076,671	NA	–	–	–
69-MP51		Average estimated market value of all machinery and equipment on place per farm reporting	dollars	9,770	NA	–	–	–
69-M98		Motortrucks, including pickups	number	2,985,014	3,030,143		45,129	–1.5
69-M100		Tractors other than garden tractors and motor tillers	number	4,618,672	4,786,835		168,163	–3.5
69-M101		Tractors other than garden tractors and motor tillers—increase and decrease in number	number	4,618,672	4,786,835		168,163	–3.5
69-M102		Grain and bean combines, self-propelled	number	467,226	340,845	126,381		+37.1
69-M104		Pick-up balers	number	708,044	751,153		43,109	–5.7
69-M106		Cornpickers, corn heads, and picker-shellers	number	634,592	689,801		55,209	–8.0

Map number		Title	Unit	1969	1964	1964 to 1969		Percent change
All farms	Class 1-5 farms					Increase	Decrease	
		AGRICULTURAL CHEMICALS USED						
	69-M108	Acreage on which commercial fertilizer was used (class 1-5 farms)	acres	155,549,815	NA	–	–	–
	69-MP52	Acres of crops harvested on which commercial fertilizer was used as a percent of all harvested cropland (class 1-5 farms)	percent	59.6	NA	–	–	–
	69-M112	Acreage of hay crops treated for insect control (class 1-5 farms)	acres	2,180,223	NA	–	–	–
	69-M114	Acreage of other crops (corn, cotton, tobacco, trees, vines, etc.) treated for insect control (class 1-5 farms)	acres	39,881,566	NA	–	–	–
	69-MP53	Acres of crops treated for insect control as a percent of harvested cropland (class 1-5 farms)	percent	16.1	NA	–	–	–
	69-M116	Acreage of crops and orchards treated for disease control (class 1-5 farms)	acres	4,088,038	NA	–	–	–
	69-M118	Acreage of crops treated for weed or grass control (class 1-5 farms)	acres	84,913,547	59,629,354	25,284,193		+42.4
	69-MP54	Acres of crops treated for weed or grass control as a percent of harvested cropland (class 1-5 farms)	percent	32.5	NA	–	–	–
	69-M120	Acreage of pasture treated for weed or brush control (class 1-5 farms)	acres	4,967,459	3,166,802	1,800,657		+56.9
	69-M122	Acreage treated with chemicals for defoliation or for growth control of crops or thinning of fruit (class 1-5 farms)	acres	5,780,991	NA	–	–	–
		LIVESTOCK AND POULTRY						
69-M125		Cattle and calves	number	106,380,541	105,557,830	822,711		+0.8
69-M126		Cattle and calves—increase and decrease in number	number	106,380,541	105,557,830	822,711		+0.8
69-M128		Cows and heifers that had calved, on hand	number	45,511,356	47,341,851		1,830,495	–3.9
69-MP67		Cows and heifers that had calved as a percent of all cattle and calves	percent	42.8	44.8		2.1	–4.6
69-M130		Milk cows	number	11,174,521	14,622,630		3,448,109	–23.6
69-M131		Milk cows—increase and decrease in number	number	11,174,521	14,622,630		3,448,109	–23.6
69-MP69		Milk cows as a percent of all cows and heifers that had calved	percent	24.6	30.9		6.3	–20.5
69-M132		Cows other than milk cows	number	34,336,835	32,719,221	1,617,614		+4.9
69-M133		Cows other than milk cows—increase and decrease in number	number	34,336,835	32,719,221	1,617,614		+4.9
	69-MP68	Heifers and heifer calves, bulls and steers, including calves, as a percent of all cattle and calves (class 1-5 farms)	percent	57.3	NA	–	–	–
69-M127		Cattle and calves sold	number	74,616,155	62,952,900	11,663,255		+18.5
	69-MP65	Cattle and calves sold after being fattened on grain and concentrates as a percent of all cattle and calves sold (class 1-5 farms)	percent	36.4	37.7		1.2	–3.2
	69-M134	Cattle, excluding calves, fattened on grain concentrates and sold for slaughter (class 1-5 farms)	number	22,988,615	18,652,778	4,335,837		+23.2
69-M139		Hogs and pigs	number	55,454,828	54,080,194	1,374,634		+2.5

Map number		Title	Unit	1969	1964	1964 to 1969		Percent change
All farms	Class 1-5 farms					Increase	Decrease	
		LIVESTOCK AND POULTRY—Con.						
69-M140		Hogs and pigs—increase and decrease in number	number	55,454,828	54,080,194	1,374,634		+2.5
	69-M142	Hogs and pigs for breeding (class 1-5 farms)	number	8,153,267	7,056,758	1,096,509		+15.5
69-M141		Hogs and pigs sold	number	89,313,449	83,537,060	5,776,389		+6.9
69-MP66		Feeder pigs sold as a percent of all hogs and pigs sold	percent	16.9	NA	–	–	–
69-M147		Sheep and lambs	number	21,611,074	25,471,538		3,860,464	–15.2
69-M149		Sheep and lambs sold	number	18,308,083	22,081,419		3,773,336	–17.1
69-M151		Horses and ponies	number	2,237,981	NA	–	–	–
69-M152		Chickens 3 months old or older	number	371,008,459	343,161,043	27,847,416		+8.1
69-M155		Broilers and other meat-type chickens less than 3 months old sold	number	2,429,773,426	1,915,373,928	514,399,498		+26.9
	69-M158	Turkeys sold (class 1-5 farms)	number	103,454,667	103,966,019		511,352	–0.5
		CROPS HARVESTED						
69-M162		Corn harvested for all purposes	acres	60,402,153	63,514,906		3,112,753	–4.9
69-MP55		Acres of corn harvested for all purposes as a percent of harvested cropland	percent	22.1	22.1		0.014	–0.063
69-M164		Corn harvested for grain	acres	52,540,249	53,751,155		1,210,906	–2.3
	69-M165	Corn cut for silage (class 1-5 farms)	acres	7,262,348	8,141,448		879,100	–10.8
69-M166		Sorghums harvested for all purposes except sirup	acres	15,487,665	14,951,719	535,946		+3.6
69-MP56		Acres of sorghums harvested for all purposes except sirup as a percent of harvested cropland	percent	5.7	5.2	0.5		+8.8
69-M168		Sorghums harvested for grain	acres	12,953,930	11,168,607	1,785,323		+16.0
69-M170		Wheat harvested	acres	45,372,878	47,958,396		2,585,528	–5.4
69-M171		Wheat harvested—increase and decrease in acreage	acres	45,372,878	47,958,396		2,585,528	–5.4
69-MP57		Acres of wheat harvested as a percent of harvested cropland	percent	16.6	16.7		0.1	–0.6
	69-M172	Oats harvested (class 1-5 farms)	acres	16,354,035	17,879,668		1,525,633	–8.5
	69-M174	Barley harvested (class 1-5 farms)	acres	8,924,758	9,567,832		643,074	–6.7
	69-M176	Rye harvested (class 1-5 farms)	acres	1,115,260	1,552,426		437,166	–28.2
	69-M177	Flaxseed harvested (class 1-5 farms)	acres	2,489,806	NA	–	–	–
	69-M178	Rice harvested (class 1-5 farms)	acres	2,130,770	NA	–	–	–
69-M179		Soybeans harvested for beans	acres	38,549,663	29,843,593	8,706,070		+29.2
69-M180		Soybeans harvested for beans—increase and decrease in acreage	acres	38,549,663	29,843,593	8,706,070		+29.2
69-MP58		Acres of soybeans harvested as a percent of harvested cropland	percent	14.1	10.4	3.7		+35.7
69-M181		Peanuts harvested for nuts	acres	1,426,726	1,347,253	79,473		+5.9
69-M183		Cotton harvested	acres	11,496,320	13,916,653		2,420,333	–17.4
69-M184		Cotton harvested—increase and decrease in acreage	acres	11,496,320	13,916,653		2,420,333	–17.4
69-MP60		Acres of cotton harvested as a percent of harvested cropland	percent	4.2	4.8		0.6	–13.2
	69-M185	Sugar beets harvested for sugar (class 1-5 farms)	acres	1,464,384	NA	–	–	–
	69-M186	Sugarcane harvested for sugar (class 1-5 farms)	acres	519,180	NA	–	–	–
	69-M187	Irish potatoes harvested (class 1-5 farms)	acres	1,260,898	1,151,505	109,393		+9.5

1969 Census of Agriculture—U.S. Summary of Mapped Data, With 1964 Comparative Data—Continued

Map number		Title	Unit	1969	1964	1964 to 1969		Percent change
All farms	Class 1-5 farms					Increase	Decrease	
		CROPS HARVESTED—Continued						
69-M189		Tobacco harvested	acres	876,926	1,025,241		148,315	−14.5
69-M191		Land from which hay was cut, excluding sorghum hay	acres	53,203,606	66,159,649		12,956,043	−19.6
69-MP59		Land from which hay was cut, excluding sorghum hay, as a percent of harvested cropland	percent	19.5	23.1		3.6	−15.5
	69-M193	Alfalfa and alfalfa mixtures for hay or dehydrating (class 1-5 farms)	acres	22,139,038	26,040,993		3,901,955	−15.0
	69-M195	Clover, timothy, and mixtures of clover and grasses for hay (class 1-5 farms)	acres	10,525,103	10,752,228		227,125	−2.1
	69-M197	Small grain hay (class 1-5 farms)	acres	2,249,185	2,353,212		104,027	−4.4
	69-M200	Wild hay (class 1-5 farms)	acres	7,573,887	NA	–	–	–
	69-M201	Grass silage (class 1-5 farms)	acres	1,364,316	1,721,876		357,560	−20.8
	69-M204	Alfalfa seed (class 1-5 farms)	acres	404,702	654,526		249,824	−38.2
		VEGETABLES						
69-M206		Vegetables harvested for sale	acres	3,352,383	3,333,772	18,611		+0.6
	69-M208	Tomatoes harvested for sale (class 1-5 farms)	acres	387,838	372,991	14,847		+4.0
	69-M209	Sweet corn harvested for sale (class 1-5 farms)	acres	631,067	514,033	117,034		+22.8
	69-M210	Cucumbers and pickles harvested for sale (class 1-5 farms)	acres	110,001	98,224	11,777		+12.0
	69-M211	Watermelons harvested for sale (class 1-5 farms)	acres	203,165	216,289		13,124	−6.1
	69-M212	Snap beans, bush and pole, harvested for sale (class 1-5 farms)	acres	268,667	269,383		716	−0.3
	69-M213	Lettuce and romaine harvested for sale (class 1-5 farms)	acres	228,618	NA	–	–	–
	69-M214	Asparagus harvested for sale (class 1-5 farms)	acres	116,392	NA	–	–	–
	69-M215	Cantaloups, persians, and muskmelons harvested for sale (class 1-5 farms)	acres	119,107	NA	–	–	–
	69-M216	Green peas harvested for sale (class 1-5 farms)	acres	392,432	NA	–	–	–
		BERRIES, FRUITS, AND NUTS						
69-M217		Berries harvested for sale	acres	138,669	161,137		22,468	−13.9
	69-M218	Strawberries harvested for sale (class 1-5 farms)	acres	46,528	57,482		10,954	−19.1
69-M219		Land in orchards	acres	4,233,897	4,251,130		17,233	−0.4
	69-M221	Apples—acres in trees (class 1-5 farms)	acres	525,849	NA	–	–	–
	69-M222	Peaches—acres in trees (class 1-5 farms)	acres	300,618	NA	–	–	–
	69-M223	Pears—acres in trees (class 1-5 farms)	acres	111,628	NA	–	–	–
	69-M224	Cherries—acres in trees (class 1-5 farms)	acres	129,216	NA	–	–	–
	69-M225	Plums and prunes—acres in trees (class 1-5 farms)	acres	161,023	NA	–	–	–
	69-M226	Grapes—acres in vines (class 1-5 farms)	acres	542,630	NA	–	–	–
	69-M227	Oranges—acres in trees (class 1-5 farms)	acres	966,963	NA	–	–	–
	69-M228	Grapefruit—acres in trees (class 1-5 farms)	acres	183,568	NA	–	–	–
	69-M229	Lemons—acres in trees (class 1-5 farms)	acres	62,376	NA	–	–	–
	69-M232	Pecans—acres in trees (class 1-5 farms)	acres	382,304	NA	–	–	–

Definition of Farm

The data for the graphic material in this report relate to places qualifying as farms, using the same definition as in 1964 and 1959. These are places on which agricultual operations larger than a specified minimum were conducted at any time during the census year under the control of an individual management. Places of less than 10 acres were counted as farms if the sales of the agricultural products amounted, or normally would amount, to at least $250. Places of 10 acres or more were counted as farms if the sales of agricultural products for the year amounted, or normally would amount, to at least $50.

Census Forms Used

Two basic census forms were used. The regular 12-page form (69-A1) was used for farms with an expected value of sales of $2,500 or more, and a 4-page version (69-A2) was used for farms with an expected value of sales of less than $2,500. The short form covered only major items and omitted most of the detail found in the regular form.

Maps for "All Farms" and "Class 1-5 Farms" (Those With Sales of $2,500 or More)

The maps in this report present data for "All Farms" for data items appearing on both the A1 and A2 report forms and for "Class 1-5 Farms" for more detailed data items appearing only on the A1 report form.

Number of Farms

All farms—All places of less than 10 acres with sales of agricultural products amounting, or which normally would amount, to at least $250 and all places 10 acres or more with sales of agricultural products amounting, or which normally would amount, to at least $50.

Class 1-5 farms—Farms with sales of agricultural products amounting, or which normally would amount, to at least $2,500 excluding abnormal farms such as prison farms, hospital farms, church farms, school farms, experimental farms, Indian reservations, and grazing associations.

The total number of farms in the United States has declined steadily from a record high of 6,812,350 in 1935 to 2,730,250 in 1969. While some of the decline has resulted from limited changes toward a more restrictive farm definition which has been used in the more recent censuses of agriculture (c.f., Introduction to Volume II, 1959 Census of Agriculture), most of the decline has resulted from the consolidation of many small farms into other farms.

From 1964 to 1969, the farms counted with sales of farm products less than $2,500 declined 343,783 in number or 25.7 percent while the number of farms counted with sales of $2,500 and over declined only 83,757 or 4.6 percent.

Value of Land and Buildings

The value of land and buildings reported for the census was supposed to represent market value—that is, the price for which the land and buildings would sell at the time of the census.

The value of land and buildings for farms for which the value was not completely reported was estimated during office 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 is almost $207 billion. The average value per farm is $75,725 and the average value per acre is $194.43.

The maps exhibiting value of land and buildings per farm and per acre show reverse patterns for many groups of counties in the West. Many western counties which appear in the pattern for the highest value-per-farm category, appear in the pattern for the lowest value-per-acre category. The reason for the reverse relationship between the two pattern maps is that while a large proportion of land in farms is comprised of low value-per-acre rangeland, the extremely large average acreage of the farms and ranches offsets the low average-per-acre value, resulting in high average-per-farm values.

Size of Farm

Although the number of farms has dropped drastically in the last 35 years, the acreage of land in farms has changed very little; as a result the average size of farm is 2 1/2 times what it was (an increase from 154.8 acres to 389.5 acres).

The increase of farm size has been one of the significant developments in the recent history of U.S. agriculture. Since 1935, for each of the size-of-farm groups shown in this report, the number of farms under 500 acres has decreased while the number of farms in the size groups over 500 acres has increased. However, large variations in the productivity of land have made size alone an unsatisfactory measure of the scale or size of the farm business and should be considered when using data for various groupings of farms. For example, average value of farm products sold per acre of farmland can vary from such extremes as $817 per acre in Suffolk County, N.Y., to $5 per acre in Nye County, Nev.

Type of Farm

Maps by type of farm were made for the 1.7 million class 1-5 farms. In order for a farm to be classified as a particular type, the value of sales in 1969 from a product or group of products had to represent 50 percent or more of the total value of sales of farm products.

Cash-grain farms—Cash-grain farms are farms which receive 50 percent or more of their total sales of farm products from corn, sorghums, small grains, soybeans for beans, cowpeas for peas, dry field and seed beans and peas. Cash-grain farms are the second largest group in number comprising 21 percent of all class 1-5 farms. They average 504 acres in size and $17,955 in value of farm products sold. Cash-grain farms are usually wheat farms, corn and soybean farms, or rice farms. However, in some scattered areas, grain sorghums, dry field beans and peas, and small grains other than wheat and rice are the principal source of income. The greatest concentration of cash-grain farms is in the Corn Belt where corn and soybeans are the principal cash

crops sold. In the Dakotas, Nebraska, Kansas, Oklahoma, Montana, Washington, and Oregon, wheat is the principal cash-grain crop. Cash-grain farms in Arkansas, Mississippi, Louisiana, California, and on the Gulf Coast of Texas are usually rice farms.

Tobacco farms—Tobacco farms comprised 5 percent of the class 1-5 farms in 1969. On the average, they are the smallest farms of all the type-of-farm groups, both in terms of acres in farm (128) and value of sales of farm products ($10,470). Nearly all the tobacco farms are in five southern states (North Carolina, South Carolina, Virginia, Kentucky, and Tennessee). Over 72 percent of all tobacco harvested on class 1-5 farms comes from tobacco farms.

Cotton farms—About 2 percent of all class 1-5 farms in 1969 were classified as cotton farms. Cotton farms averaged 466 acres in size and $20,076 in value of farm products sold. They are located almost entirely in the South and in irrigated areas of the West. About 52 percent of all cotton harvested comes from cotton farms.

Other field-crop farms—Other field-crop farms receive 50 percent or more of their total value of sales of farm products from peanuts, potatoes (Irish and sweet), sugarcane for sugar or sirup, sweet sorghums for sirup, broomcorn, popcorn, sugar beets and sugar beet seed, mint for oil, hops, and pineapples. In 1969, other field-crop farms accounted for less than 2 percent of all class 1-5 farms, averaged 414 acres in size, and $43,547 in sales. Because of the wide variety of crops in this group, the farms are scattered throughout the entire United States. Usually, within a particular geographic area, the growing of a certain crop provides the income source which classifies the farm type as "other field-crop." For instance, in Maine, New York, New Jersey, North Dakota, Minnesota, Idaho, and California they were principally potato farms; in North Carolina, Virginia, Georgia, Alabama, and Texas they were primarily peanut farms; and in Louisiana and Hawaii, they were primarily sugarcane farms.

Vegetable farms—Vegetable farms comprise about 1 percent of all class 1-5 farms and are the smallest type-of-farm group in number of farms (19,660). They average 236 acres in size and were next to the highest of all type-of-farm groups in average value of sales at $59,765. Vegetable farms accounted for 79 percent of the value of all vegetables sold and 61 percent of the acreage of all vegetables harvested for sale from class 1-5 farms in 1969.

Fruit and nut farms—Fruit and nut farms receive 50 percent or more of their total value of sales of farm products from berries, other small fruits, tree fruits, grapes, nuts, and coffee. Fruit and nut farms represented 3.1 percent of all class 1-5 farms in 1969. They are highly specialized in that they accounted for 92.5 percent of the value of sales of fruit, nuts, and berries and over 80 percent of all orchard acreage on class 1-5 farms in 1969. Fruit, nut, and berry farms averaged 144 acres in size and $31,297 in value of farm products sold in 1969.

Poultry farms—Poultry farms are farms which receive 50 percent or more of their total value of sales of farm products from chickens, chicken eggs, turkeys, and other poultry products. Poultry farms comprise slightly more than 3 percent of all class 1-5 farms in 1969. They are next to the smallest of any type-of-farm groups in acreage, averaging 130 acres. Poultry farms averaged $68,810 in value of farm products sold which is more than any other type-of-farm group. On class 1-5 farms, poultry farms account for 95 percent of the value of sales from poultry and poultry products, 99 percent of the broilers sold, and 97 percent of the turkeys sold. Although poultry farms are found throughout the country, the greatest concentration of poultry farms is in the broiler producing areas in Georgia, Alabama, Mississippi, Arkansas, Delaware, and Maryland.

Dairy farms (dairy products—milk, cream, etc.)—The criterion of 50 percent of total sales was modified in the case of dairy farms. A farm having value of sales of dairy products amounting to less than 50 percent of the total value of farm products sold was classified as a dairy farm, if—

a. Dairy products sold accounted for more than 30 percent of the total value of products sold,
b. Milk cows represented 50 percent or more of total cows, and
c. The value of dairy products sold plus the value of cattle and calves sold amounted to 50 percent or more of the total value of all farm products sold.

Dairy farms represented the third largest group of farms in 1969. They averaged 249 acres in size and $25,216 in value of farm products sold. Dairy farms accounted for 93 percent of the value of dairy products sold from class 1-5 farms.

Livestock farms and livestock ranches other than dairy and poultry farms—These are farms that receive 50 percent or more of the total value of agricultural products sold from cattle, calves, hogs, sheep, goats, wool, and mohair. This group includes two subgroups; livestock farms other than poultry and dairy farms, and livestock ranches. It is the largest type-of-farm group, accounting for 37 percent of class 1-5 farms in 1969. The farms in this group contain by far the largest amount of land; accounting for nearly three-fifths of the total land in farms and over 30 percent of cropland harvested on class 1-5 farms. In terms of value of sales from class 1-5 farms, this group accounted for 40 percent of the value of all farm products sold, 86 percent of the value of all cattle and calves sold, and 82 percent of the value of all hogs, sheep, and goats sold. This group averages 828 acres in size and $27,481 in value of farm products sold.

General farms—General farms are farms on which the sale of one product or related group of products did not provide 50 percent or more of the total value of all farm products sold and farms having 50 percent or more of sales coming from field seeds, hay, forage crops, and silage. They comprise farms usually having a variety of enterprises which are the source of farm sales. Between general farms in various parts of the country, there are wide differences in the products comprising the source of sales. For instance, in the Midwest, cash grains, cattle, and hogs are

often the principal source of sales while in the South, tobacco, peanuts, and cattle may be the principal source of sales. General farms account for 7 percent of all class 1-5 farms, averaged 449 acres in size and $19,138 in sales of farm products.

Miscellaneous farms—Miscellaneous farms are farms which receive 50 percent or more of the total value of agricultural products sold from nursery and greenhouse products, forest products, mules, horses, colts, ponies, fur-bearing animals, bees, honey, goat milk; farms with no value of farm products sold; all institutional farms and Indian reservations. Miscellaneous farms comprise 2 percent of all class 1-5 farms and average 295 acres in size and $31,679 in value of farm products sold. They account for 97 percent of nursery and greenhouse products sold and 44 percent of all forest products sold from class 1-5 farms. Over 81 percent of sales of other livestock and livestock products (principally horses, mink, mink pelts, and honey) are from miscellaneous farms.

Class of Farm

The data obtained from the 1969 Census of Agriculture is summarized in statistical tables for "All farms" and for "Farms with sales of $2,500 and over (classes 1-5)." However, all farms enumerated were divided into nine classes for tabulation purposes. The definitions for the nine classes are as follows:

Class 1—$40,000 or more of farm product sales

Class 2—$20,000 to $39,999 of farm product sales

Class 3—$10,000 to $19,999 of farm product sales

Class 4—$5,000 to $9,999 of farm product sales

Class 5—$2,500 to $4,999 of farm product sales or having a value of products sold of less than $2,500 provided they had the acreage or livestock operations which normally would have had sales in excess of $2,500. These would include new farm operations, farms having crop failure, and farms with large inventories and small 1969 sales.

Class 6—$50 to $2,499 of farm product sales and a farm operator who is under 65 years of age and did not work off the farm 100 days or more in the census year.

Part time—$50 to $2,499 of farm product sales and a farm operator who is under 65 years of age and worked off the farm 100 days or more in the census year.

Part retirement—$50 to $2,499 of farm product sales and a farm operator who is 65 years old or over.

Abnormal—Includes institutional farms, experimental and research farms, and Indian reservations. Institutional farms include those operated by hospitals, penitentiaries, schools, grazing associations, government agencies, etc.

Farms with sales of $2,500 and over comprise 63 percent of all farms and account for 86 percent of land in farms, 96 percent of harvested cropland, and nearly 98 percent of total value of farm sales.

The predominant group in economic importance for all farms is class 1. This group, while comprising only 8 percent of all farms, accounts for 34 percent of the land in farms, 31 percent of the harvested cropland, and 56 percent of the value of farm products sold.

Tenure and Characteristics of Farm Operators

Tenure classifications used in this census are as follows:

Full owners—Operators who operate only 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 (or work on shares for) others.

Full owners—Farms operated by full owners comprise over 62 percent of the farms and account for 35 percent of the land in farms, 30 percent of the harvested cropland, and 41 percent of the value of farm products sold. Though they are the largest tenure group in number of farms, they are the smallest in both average size at 220 acres and average value of farm products sold at $10,869.

Part owners—The predominant group in economic importance are the part-owner-operated farms. These farms, though comprising only one-quarter of all farms, account for 52 percent of both land in farms and harvested cropland, and 44 percent of the value of all farm products sold. They far exceed the other two tenure groups both in average size at 820 acres and average value of farm products sold at $29,775.

Tenants—Data from the 1969 Census of Agriculture show a continuation of the sharp downward trend occurring in farm tenancy over the past 35 years. The proportion of tenant-operated farms has declined from 17 percent in 1964 to 13 percent in 1969. Tenant-operated farms in 1969 accounted for 13 percent of the land in farms, 18 percent of the harvested cropland, and 15 percent of the value of farm products sold. They averaged 390 acres in size and $20,024 in value of farm products sold.

Type of Farm Organization

The 1969 census is the first in which information was collected on the type of organization under which the farms operated. This information was collected for class 1-5 farms in response to the demand for data more descriptive of current farm organizational structure than the traditional tenure of farm operator classification.

The four classifications used for type of organization are—

Individual or family farm—excluding partnership and corporation.

Partnership.

Corporation—including family owned—
With 10 or fewer shareholders.
With more than 10 shareholders.

Other—includes estates, trusts, cooperatives. Many of the farms which reported "other" as the type of organization are institutional farms, Indian reservations, or other operations classified as "abnormal" and consequently are not included in the tabulations for class 1-5 farms.

Individual or family farms excluding partnerships and corporations, were by far the predominant type of organization comprising over 85 percent of the number of class 1-5 farms and accounting for over 72 percent of the land in farms. They averaged 450 acres in size.

Partnership farms comprise 13 percent of the class 1-5 farms and accounted for 18 percent of the land. They averaged 738 acres in size.

Corporation farms represent 1.2 percent of all class 1-5 farms but because of their large average size of 3,757 acres account for almost 9 percent of the land in farms.

Farms classified as "other" by type of organization—comprise about one-half percent of class 1-5 farms and account for less than 1 percent of land in farms. They averaged 834 acres in size.

Land in Farms and Land Uses

Land in farms—Each farm operator determined "land in farm" acreage by adding any acreage he owned to any acreage he rented from others, then subtracting any acreage he rented to others. Land in farms consists primarily of "agricultural" land; that is, land used for crops and pasture or grazing. It includes areas of forest and wasteland and some cropland not actually under cultivation nor used for pasture or grazing. Federal government lands used for grazing livestock under permit or special license on a per-head or animal-unit basis are not included.

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 cropland idle.

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

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

Drained land—This consists of land in farms benefited to some extent by artificial drainage facilities including ditches, underground drains, grading for drainage, dikes, and pumping to control water.

Conservation Practices

Soil-conservation practices reported in the 1969 Census of Agriculture include contour planting, stripcropping, and terracing.

Contour farming refers to planting crops in level rows or strips at right angles to the natural slope of the land. It prevents rapid run-off of water from the soil, conserves moisture, and reduces erosion. Land that is farmed on the contour usually is also terraced or stripcropped. Only acreage of grain or row crops farmed on the contour was to be reported; hay and grass crops were to be excluded.

Stripcropping is the practice of alternating close-sown crops, such as small grains or hay and pasture with strips of row crops, such as corn, vegetables, etc., or of alternating close-sown or row crops with fallow land. The purpose of stripcropping is to control soil erosion by slowing the rate of water runoff, or to conserve moisture and reduce wind erosion.

Terraces are ridges or channels constructed across sloping land to control erosion by slowing the rate of water flow.

Market Value of Agricultural Products Sold

Farm operators were asked to report market value of agricultural products sold from the place in 1969. The report form used for the enumeration of class 1-5 farms in the 1969 census (form 69-A1) provided for farm operators to report value of sales in 15 commodity and livestock groups. The report form used for farms with expected sales less than $2,500 (form 69-A2) provided for reporting value of sales in three groups.

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.

All sales data relate to agricultural products sold from the place in 1969 regardless of when the crop was harvested or when livestock or products were raised or produced.

Farm-Related Income

Three categories of farm-related income were reported by farm operators in 1969. Instructions were to report gross amounts received before taxes and expenses.

Customwork and other agricultural services—This category of farm-related income includes any customwork such as plowing,

spraying, harvesting, preparation of products for market, etc., done on another farm, and any other farmwork done for others for which the farm operator was paid.

Recreational services—This category includes charges for the use of land or facilities for hunting, fishing, camping, lodging, picnicking, boating, swimming, horseback riding, skiing, hiking, or other recreational activities.

Government payments—The farm operator was to report all government payments received from any of the following direct-payment programs:

- Feed-grain diversion and price support
- Wheat diversion and marketing certificate
- Upland cotton diversion and price support
- Agricultural conservation
- Emergency conservation
- Cropland adjustment
- Conservation reserve (soil bank)
- Appalachian Land Stabilization and Conservation
- Sugar
- Wool and mohair
- Cropland conversion
- Milk indemnity payment
- Great Plains Conservation

Farm Production Expenses

Farm production expenses include expenses paid by the farm operator and by anyone else for the production on the farm of crops, poultry, livestock, and other agricultural products. Tenant farmers were instructed to report spending by landlords for agricultural operations on the farm as well as their own spending. Farm operators who rent part of their land to others were to report only those expenses applicable to the land they actually used. If the farm operator produced poultry, livestock, or crops for others under contract he was to report the estimated cost of all items furnished by the contractor.

Hired Farm Labor

Number of hired farm workers includes all persons hired to do farm work for cash payment. Members of the farm operator's family were included if they were paid cash and even if they were doing construction or repair work along with their farm work. Operators of hired machines were excluded if their pay was included in the cost of the customwork. Also excluded were operators' family members who worked without cash pay, persons performing contract work, and persons employed by a labor contractor.

It is estimated that considerable duplication exists in the number of hired workers working less than 150 days, particularly in vegetable- and fruit-producing areas. Workers moving from farm to farm should have been counted on each farm where they were employed.

Machinery and Equipment

For individual items of farm equipment, the farm operator was to report only the equipment on the farm December 31, 1969, regardless of ownership, that was used for the farm business in 1968 or 1969. Newly purchased equipment not yet used was to be included.

Farm operators were asked to estimate the market value of all machinery and equipment usually kept on the farm and used for the farm business. The reported value was supposed to represent an estimate of how much the machinery and equipment would sell for in its present condition; not the replacement cost or the depreciated value.

Agricultural Chemicals Used

This section refers to the acreage on which commercial fertilizer was used, and acreage treated with insecticides, herbicides, fungicides, and other chemicals.

The leaflet guide mailed with the census form contained instructions for the respondent to report the acres only once with respect to any one kind of chemical treatment even though the chemical may have been applied more than once. For dual-purpose chemical applications, for example spraying fruit trees for insect and disease control, the total acres treated were to be reported for both items—acreage treated for insect control and acreage treated for disease control. All land treated was to be reported even when the crop was abandoned and not harvested.

Livestock and Poultry

In 1969, livestock, poultry, and their products accounted for 62.5 percent of the value of all farm products sold. Livestock provide a market for pasture and range forage which does not have any other appropriate use. In addition, livestock and poultry provide an outlet for a major part of our harvested crop tonnage.

About 57 percent (almost 610 million acres) of the land in farms in 1969 was used for pasture. In addition, over 288 million acres of land not in farms was used in grazing. The combined acreage of land in farms and land not in farms used for pasture or grazing was equal to two-fifths of the total land area of the United States.

Of approximately 273 million acres of land used for harvested crops, feed for livestock and poultry was derived from more than 53 million acres of hay and almost 100 million acres of feed grains. In total, four-fifths of all U.S. farm and nonfarm land used for agriculture was used for the production of animal and poultry feed.

Cattle and calves on class 1-5 farms accounted for 50 percent of the value of sales of all livestock and poultry and their products and 31 percent of the total value of all farm products sold. About 63 percent of all farm operators reported cattle in 1969. Approximately 21 percent of the farms reported one milk cow or more in 1969, down from 36 percent in 1964. One-fifth of all class 1-5 farms reported dairy products sold. Dairy products on class 1-5 farms accounted for 19 percent of the value of all livestock and poultry and their products sold in 1969.

Hogs and pigs were reported on 25 percent of the farms. More than one-half of all hogs and pigs were on the farms in Iowa, Illinois, Indiana, and Missouri. Nearly three-fifths of the sheep and lambs in the United States in 1969 were in six States (Texas, Wyoming, California, Colorado, South Dakota, and Montana). In 1969, only 17 percent of the Nation's farm operators reported chickens 3 months old and over on hand and more than one-half of the total inventory was on 1 percent of the farms reporting such poultry. Over 85 percent of the 2.8 billion chickens sold were sold as broilers, and approximately 7,600 farms accounted for nearly three-fifths of all broilers sold.

In 1969, more than 69 percent of the turkeys sold were sold from fewer than 1,000 farms.

Crops

Crops harvested—In most instances, the acres reported for individual crops represented the area harvested during 1969. A small part of the acreage of corn, sorghums, peanuts, soybeans, and cowpeas counted as harvested was hogged off or grazed when mature or almost mature. The acreage of land from which crops were harvested was not necessarily the same as the total acres of all crops harvested, since more than one crop may have been harvested from the same land during the same crop year.

Vegetables harvested for sale—Vegetables for market and vegetables for sale to canners, freezers, dehydrators, or other processors were included in this category. The total acres of each vegetable crop harvested was to be reported, thus the acres of vegetables (or vegetables and field crops) harvested may frequently be greater than the acres of land from which the crops were harvested.

Berries, fruits, and nuts—In 1969, the acreage for these crops totaled 4.4 million acres, or about 1.6 percent of the cropland harvested. The value of sales of berries, fruits, and nuts from 4.1 million acres on class 1-5 farms was $1.7 billion or about 10 percent of the value of all crops sold from all farms.

How the Maps Were Made

Much of the technology used to produce the maps in this report was developed specifically to meet the challenge presented by their subject matter and purpose. It seems fitting, therefore, to include here a brief description of the computer technology used.

Dot maps—The dot maps in this report were prepared by a computer-driven plotter from the output of a computer program which located the dots within subareas of the Nation's 3,076 counties as determined by a 16-level land-use filter. In the past, the production of dot maps has been a laborious, tedious, manual effort. This new computer mapping procedure enables all of the tedious work associated with the manual placement of dots to be done automatically by a computer program and to have the resulting map drawn by a computer-driven plotter.

The dot-mapping algorithm which was used to prepare these maps was developed by Mr. Wendell K. Beckwith under the direction of Dr. Joel Morrison at the Cartographic Laboratory of the University of Wisconsin-Madison. The basic system utilizes several computer-mapping packages which were developed at the Laboratory. The data required for the dot-mapping system consists of individual totals for the data items, the land area of each county, and a center of the county shown as a pair of longitude and latitude coordinates. These data items were then processed through a computer program which computes the average density of dots for each unit in respect to the land area of the county and the absolute number of dots which apply to that county. This density value is then screened by a 16-level land-use filter to further position the dots with regard to the agricultural subareas of the county. The land-use filter is a mask of approximately one-half million cells covering the entire United States. It was extracted from the land-use map which appeared in the 1970 National Atlas on pages 158 and 159. Each of the land-use categories shown in the land-use map was converted into a numeric record by digitizing; this information was then utilized to modify the probability of the dot falling within specific portions of the county's total land area.

A numeric check was maintained on the number of dots which should fall in an area and the number of dots which were actually placed in that area. If an area received too few dots in comparison with the number dictated by the base data, the program reprocessed that area and relaxed the dot densities which had been previously calculated so that more potential dot locations were created within the county, even if this meant that some of the dots would tend to coalesce. After the required number of dots had been placed in an area, the program would then move on to the next area. Similarly, the entire map would be examined and the dot values calculated in respect to the potential density of dots within the county; the dot densities would be further screened by the land-use categories, and finally the dots would be plotted and compared to the ideal number.

The increase-decrease maps used an additional feature of the program. Since it is logically impossible for a dot representing an increase to be placed within the same county as a dot representing a decrease, the program, once any dots had been placed within a county, excluded the possibility of the opposite type of a dot being placed within the same county unit. This procedure avoids the problem of having two contradictory patterns occurring within the same physical area.

The resulting computer plots dramatically illustrate the clustering feature of the algorithm. Particularly for crops or agricultural activities which occur within highly localized areas (e.g., irrigated fields), the concentration of dots is extremely pronounced. Generally, the mountain and desert regions of the Nation have been avoided in the placement of dots. Likewise, large water bodies, urban areas, and otherwise uninhabitable areas have no dots placed within their confines. It is, however, possible that because of the density procedures of the algorithm, a few dots could be located in a county immediately adjacent to where they actually should have been placed.

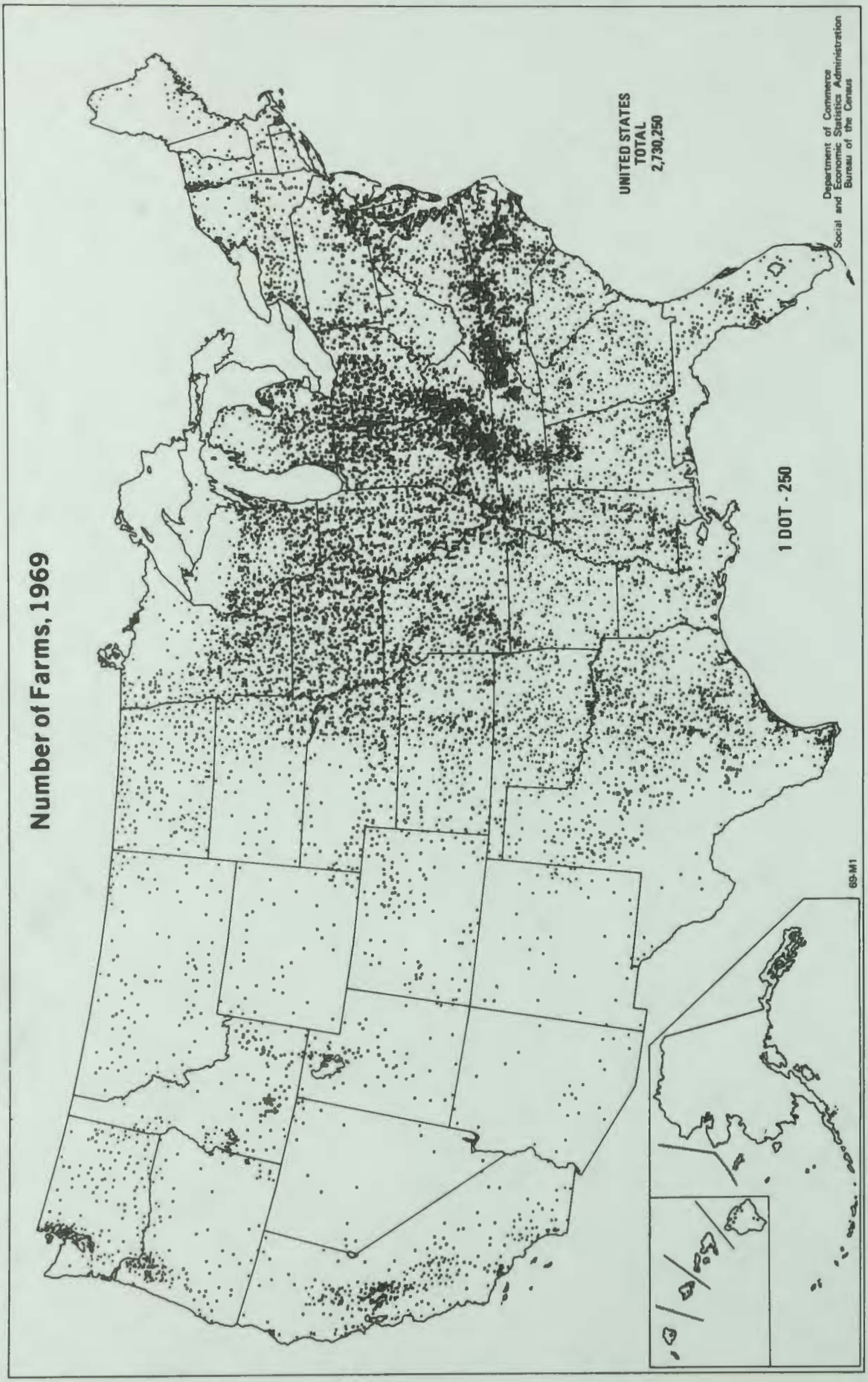
The cost of producing these dot maps by automated techniques shows that there is a definite advantage over the largely clerical procedures used previously. It is estimated that each of the dot maps included within this report cost approximately one-fourth what they would have cost if they had been produced by traditional manual methods.

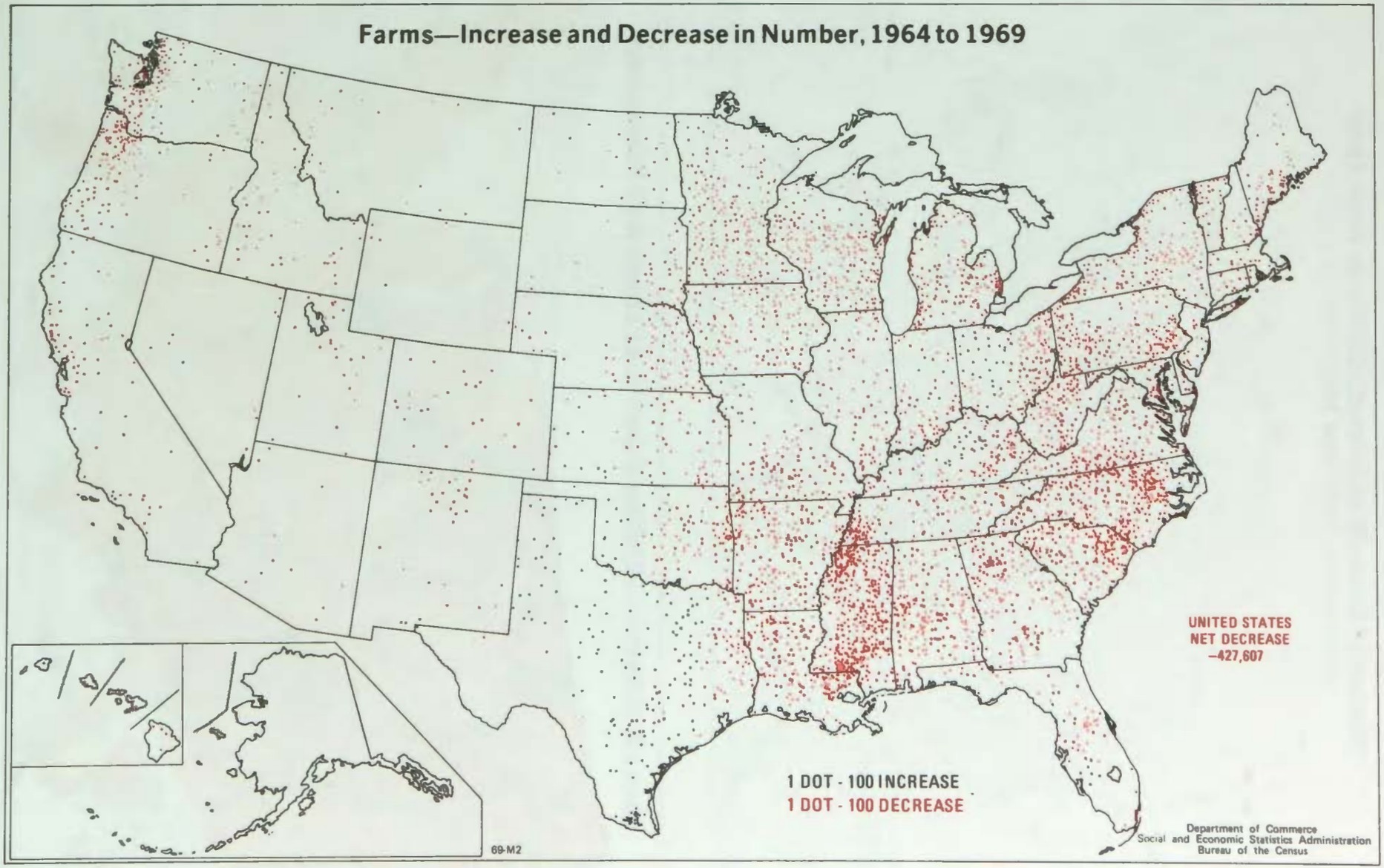
Pattern maps—The pattern (choropleth) maps in this graphic supplement were prepared by a new computer-mapping program which automatically created color separation negatives. The program plots the maps on 35mm film on a COM (Computer Output on Microfilm) unit. Each of the map images produced by the COM device corresponds to one of the class intervals that were used to subdivide the agricultural data prior to mapping. The negatives have a series of "windows", each of which corresponds to the counties for that class of data. The remainder of the negative is left unexposed. This procedure is directly analogious to the manual procedures used by cartographers to prepare color maps and is the product of the combination of modern computer technology with standard cartographic techniques. Thus, the maps have the quality of hand crafted choropleth maps and the low cost and relatively fast production time typical of automated cartography.

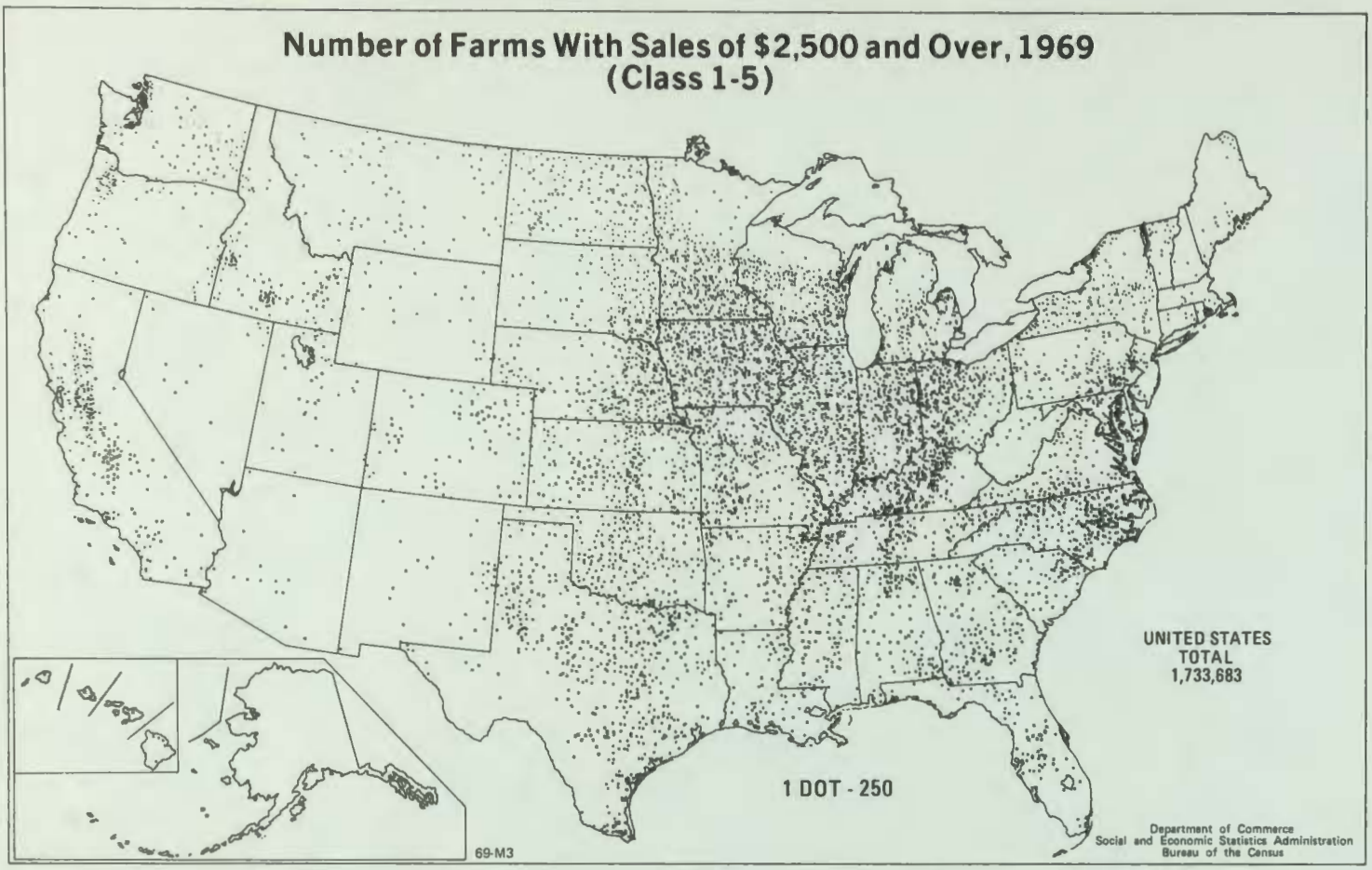
The county boundary file was derived from the digitized State-county boundary file prepared by the Federal Highway Administration. This file was reprocessed into a new file which contained sets of horizontal lines corresponding to the lines the COM unit would plot to completely cover a county's territory on the final map. Each of these sets of lines was organized by county as sets of plotter coordinates for the COM.

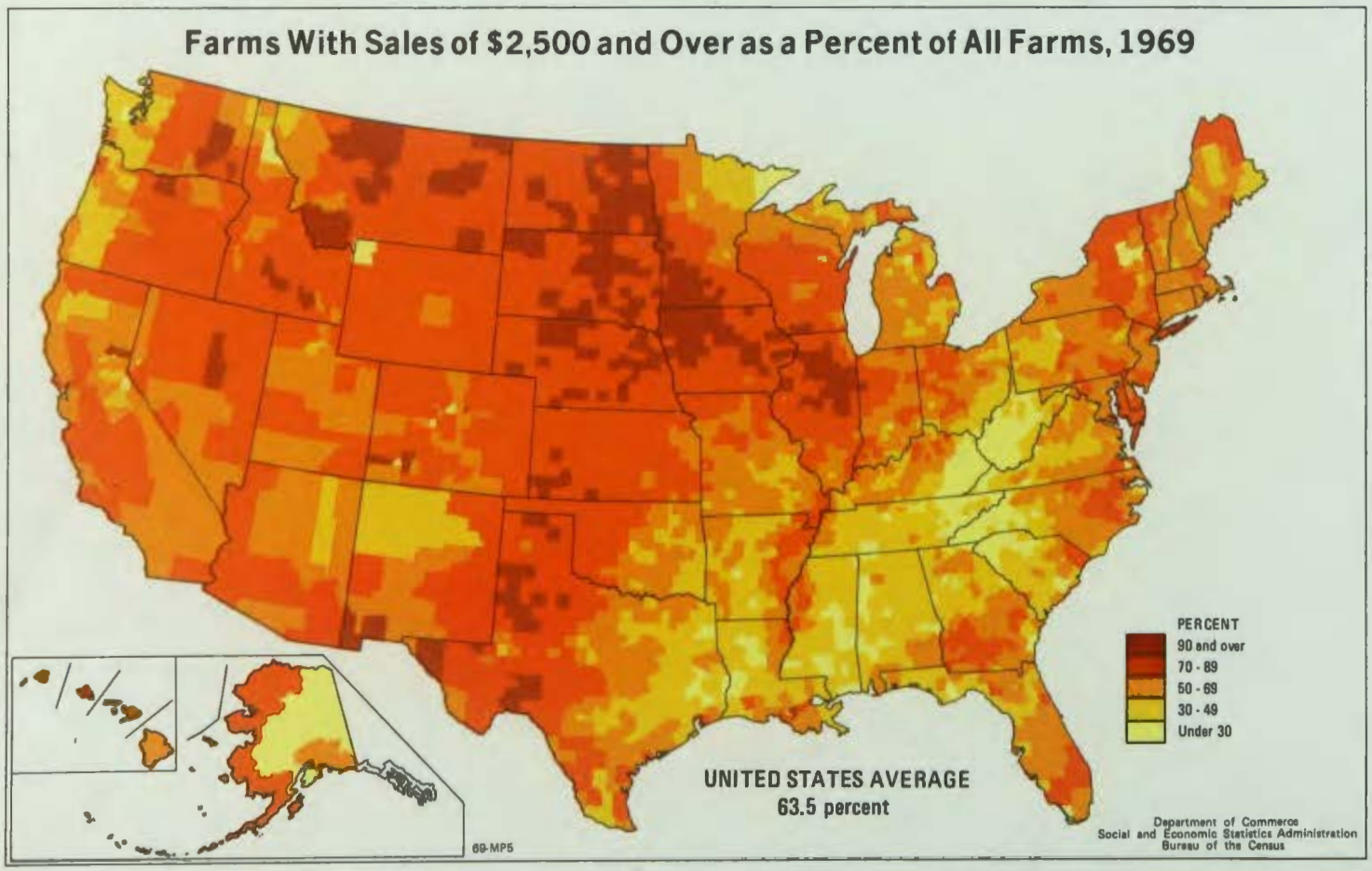
The agricultural data were extracted from the agriculture data tapes and were assigned into classes corresponding to the data intervals that were desired on the maps. This tape was then processed in conjunction with the file of plotter coordinates. By matching the State and county codes, the data class intervals were correctly associated with the appropriate set of plotter coordinates. The combined file was then sorted so as to group all of the counties by class intervals, one map at a time. This insured that all counties which were assigned to the first class interval appeared together. The same procedure was used to group the other classes together. The operation produced a tape of plotting instructions which were then processed on the FR 80 COM unit operated by the National Oceanic and Atmospheric Administration in Suitland, Md.

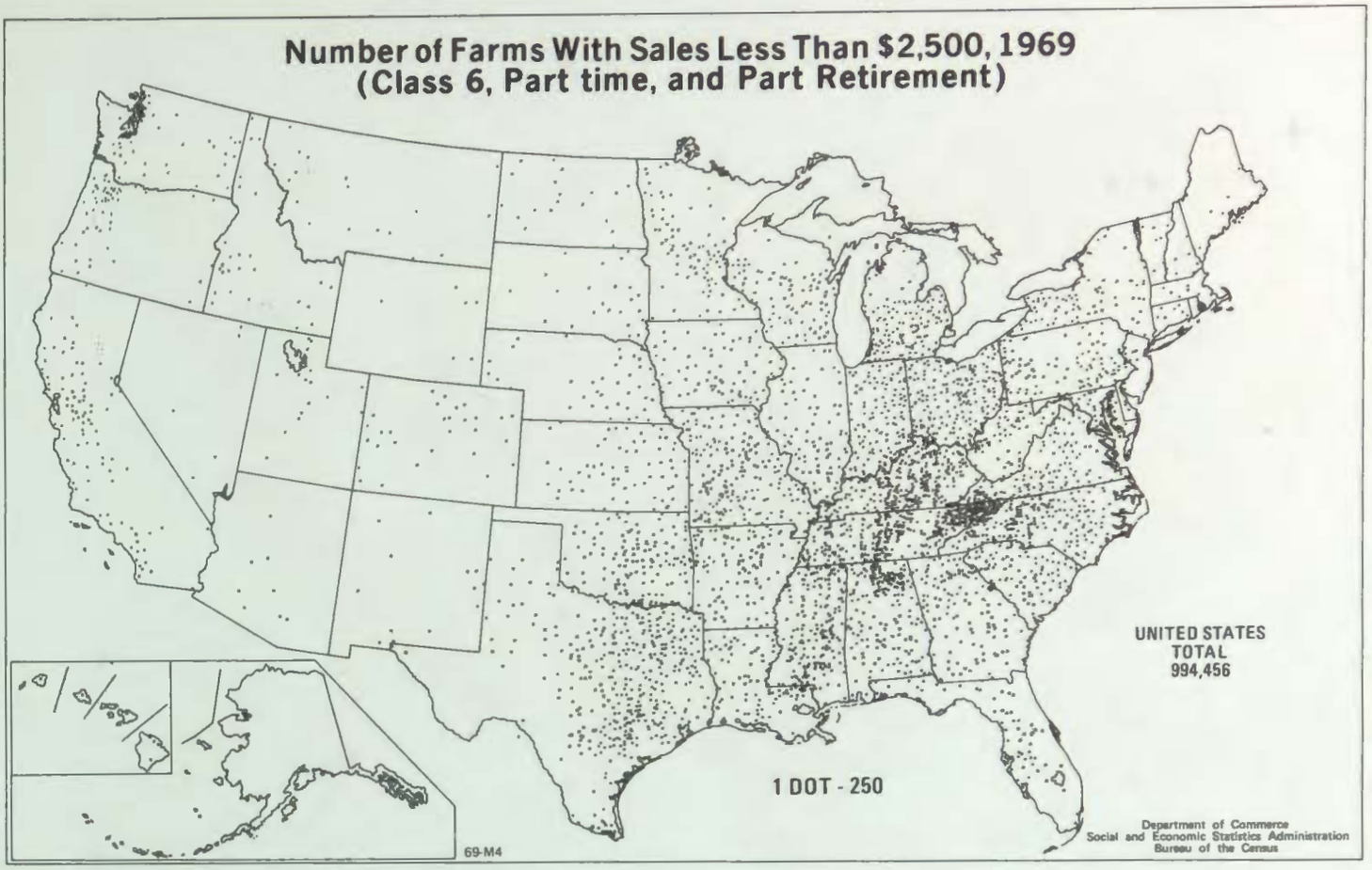
Generally, six separate film images were produced by the COM for each map. Each of these images corresponded to a separate class interval of the data and also to a separate color on the final printed maps. The 35mm negatives, which were produced on the COM, were enlarged, lettered, screened, and composited by the Census' Geographic Operations Branch in Jeffersonville, Ind. The printer was given three final publication negatives for each map corresponding to the red, yellow, and black inks which were used in the printing of the maps. This computer-mapping procedure is being used for the first time in this publication. The results have shown that this approach to automated cartography can significantly reduce the cost of producing choropleth maps without lessening the final quality of the maps.

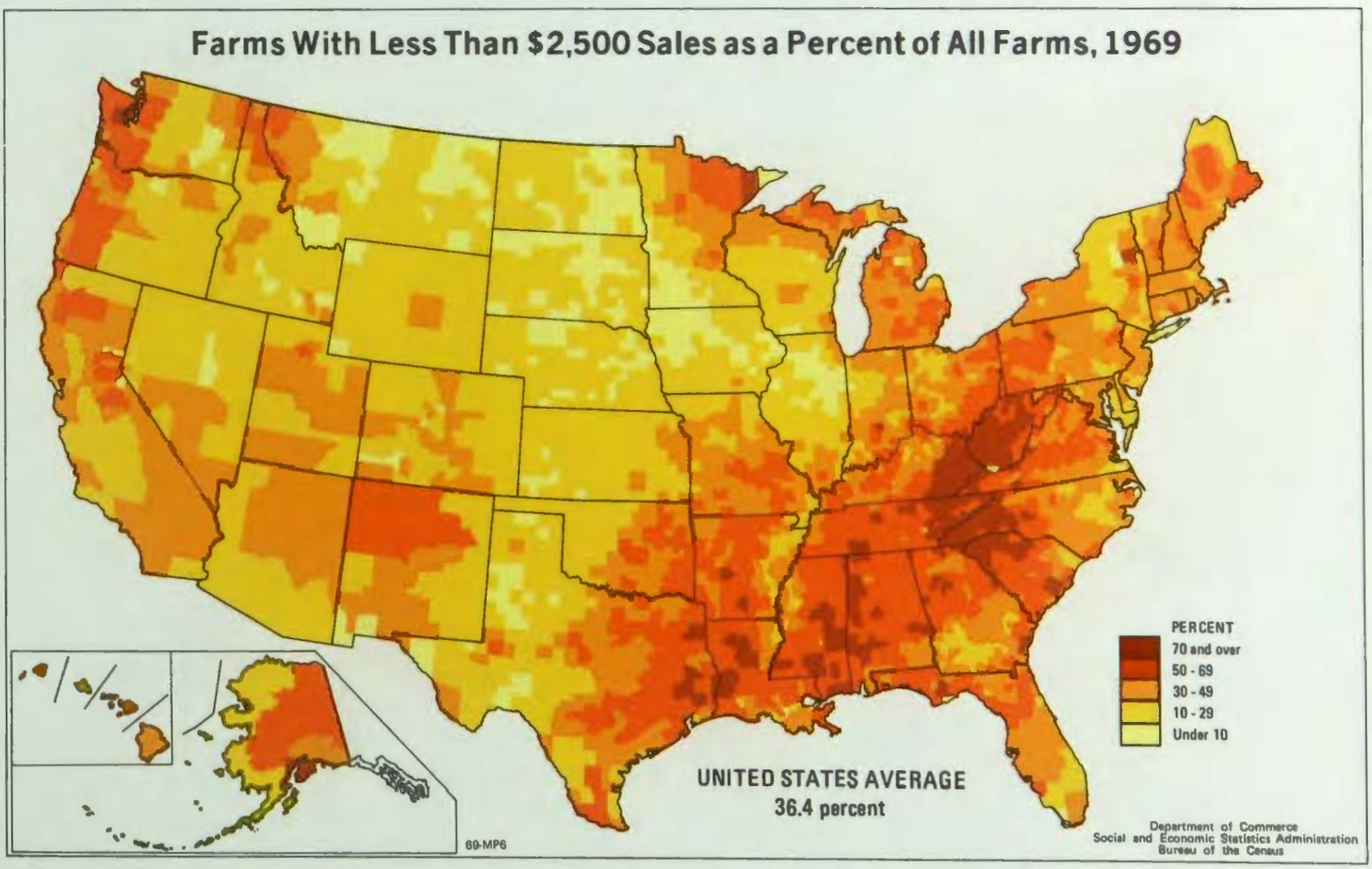

Number of Farms, 1969
UNITED STATES
TOTAL
2,730,250
1 DOT - 250
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census
69-M1

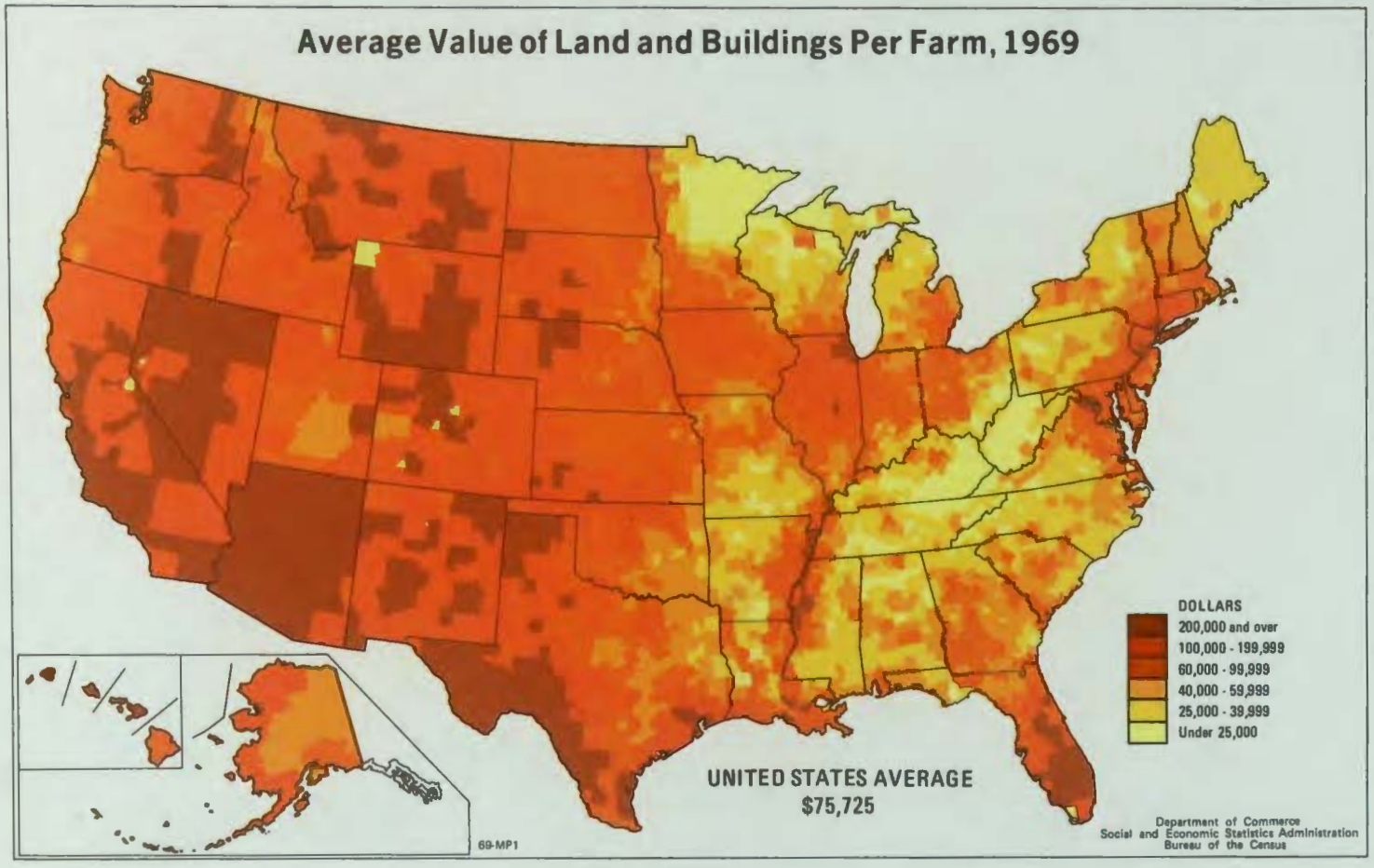

Farms—Increase and Decrease in Number, 1964 to 1969
UNITED STATES
NET DECREASE
–427,607
1 DOT - 100 INCREASE
1 DOT - 100 DECREASE
69-M2
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

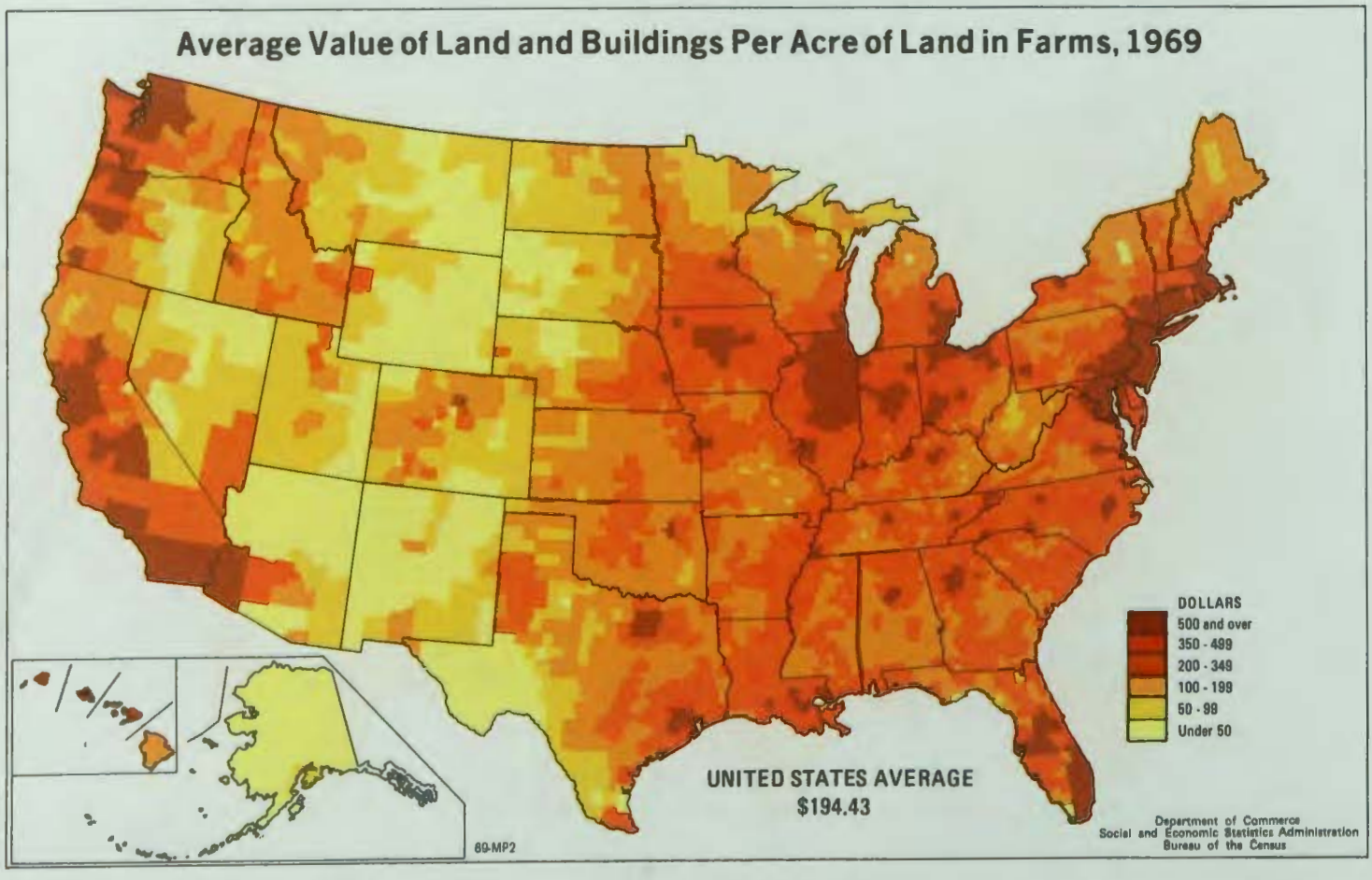

Number of Farms With Sales of $2,500 and Over, 1969
(Class 1-5)
UNITED STATES
TOTAL
1,733,683
1 DOT - 250
69-M3
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

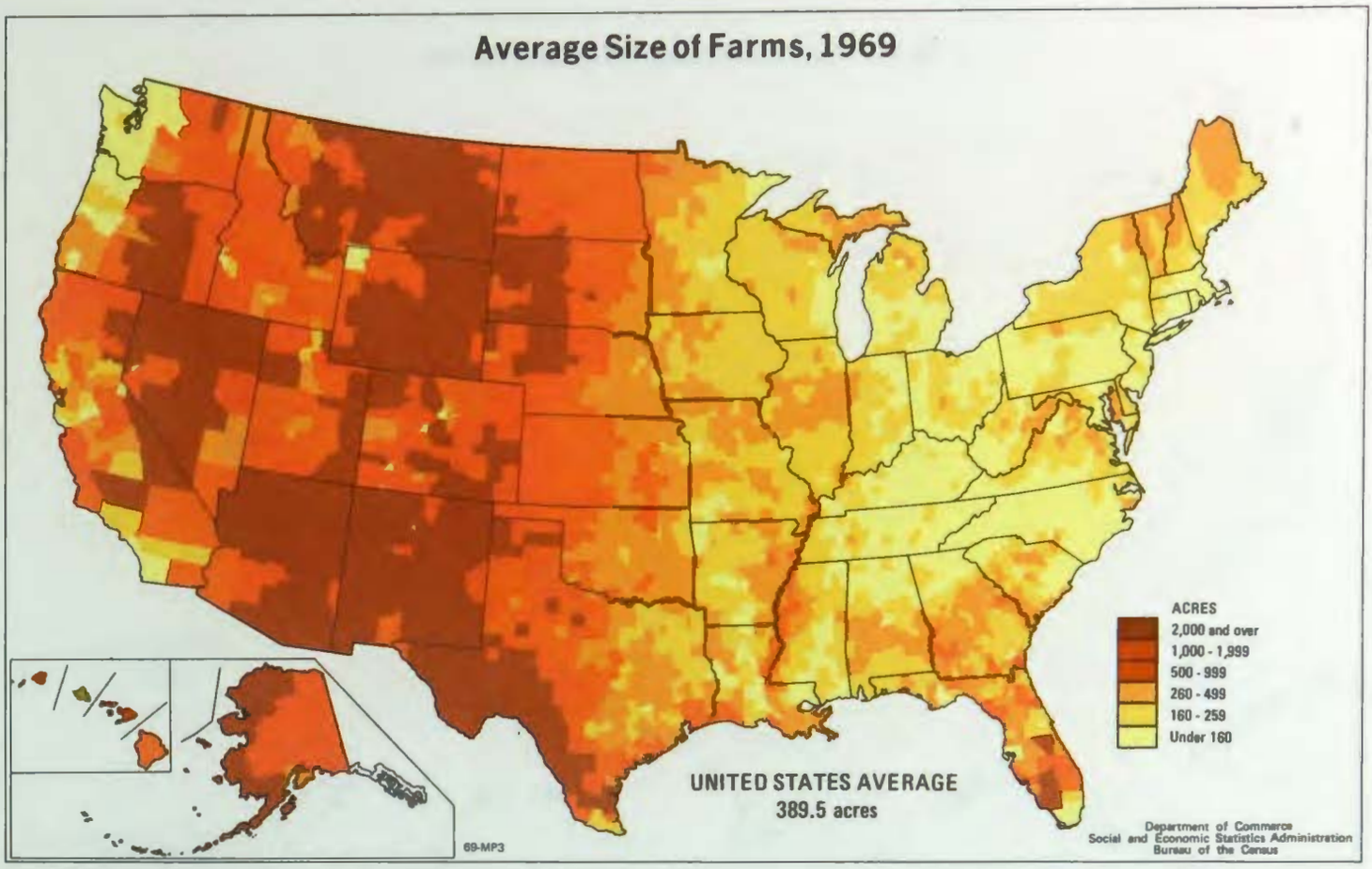

Farms With Sales of $2,500 and Over as a Percent of All Farms, 1969
PERCENT
90 and over
70 - 89
50 - 69
30 - 49
Under 30
UNITED STATES AVERAGE
63.5 percent
69-MP5
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

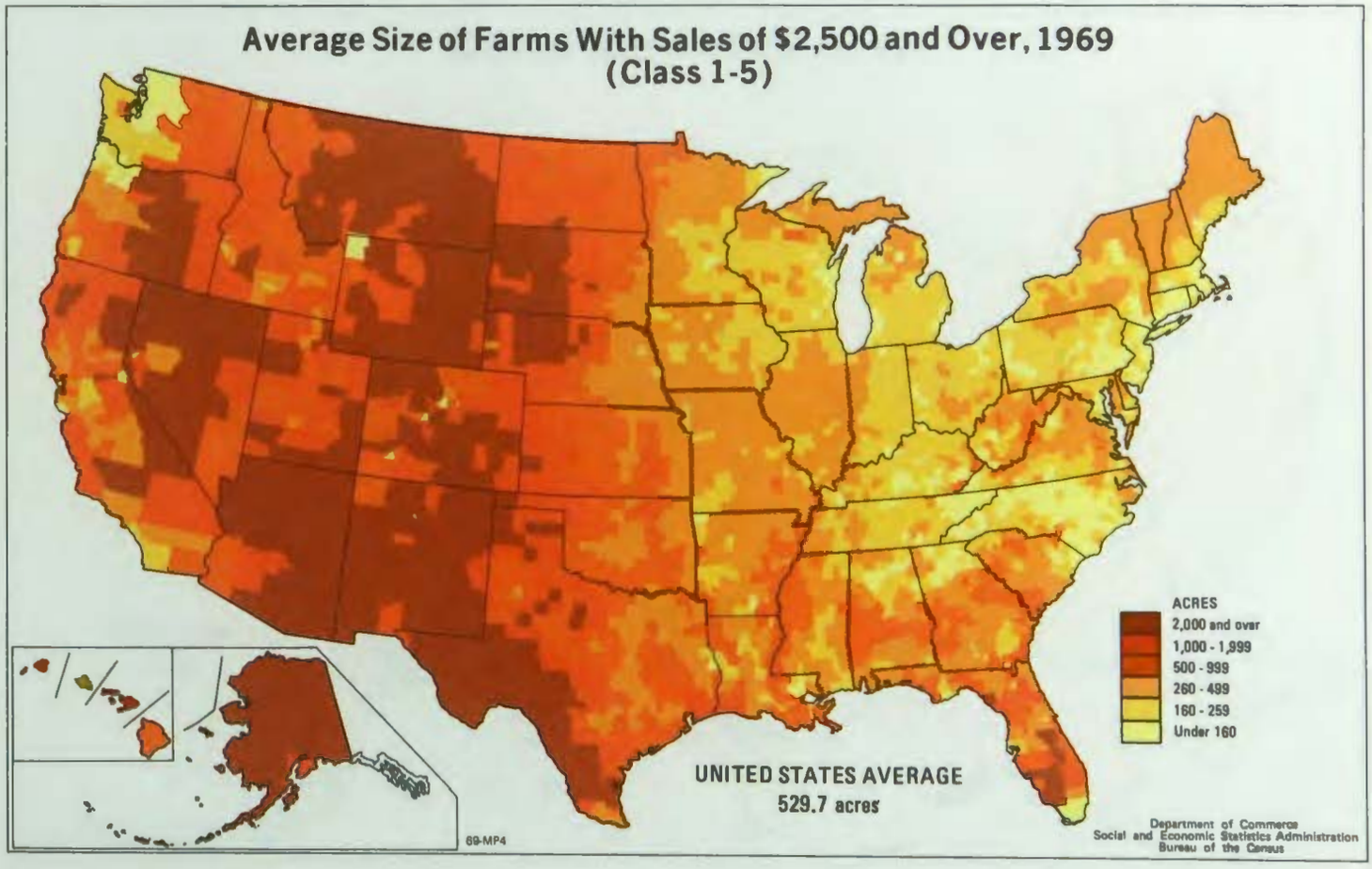

Number of Farms With Sales Less Than $2,500, 1969
(Class 6, Part time, and Part Retirement)
UNITED STATES
TOTAL
994,456
1 DOT - 250
69-M4
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

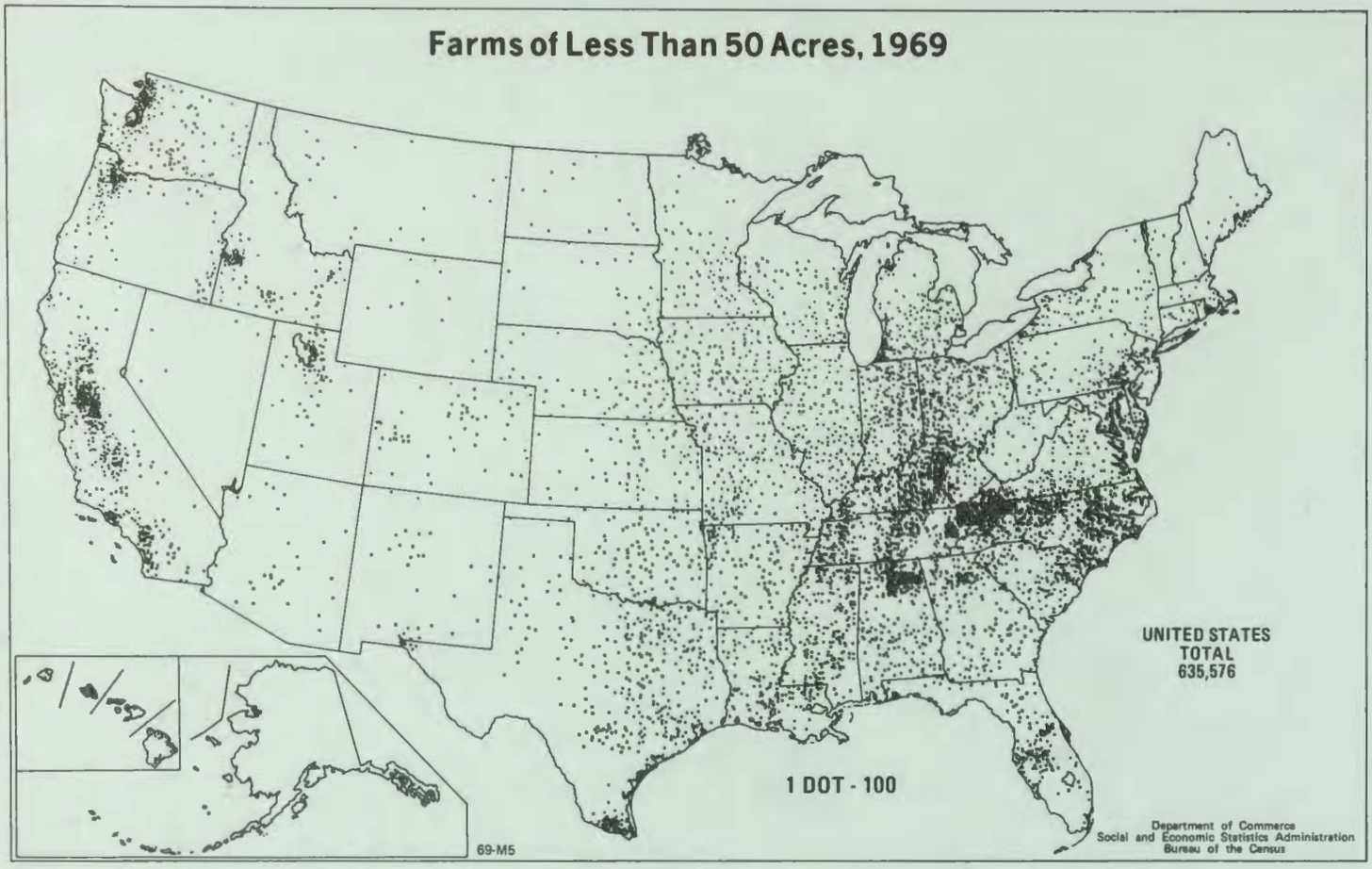

Farms With Less Than $2,500 Sales as a Percent of All Farms, 1969
PERCENT
70 and over
50 - 69
30 - 49
10 - 29
Under 10
UNITED STATES AVERAGE
36.4 percent
69-MP6
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

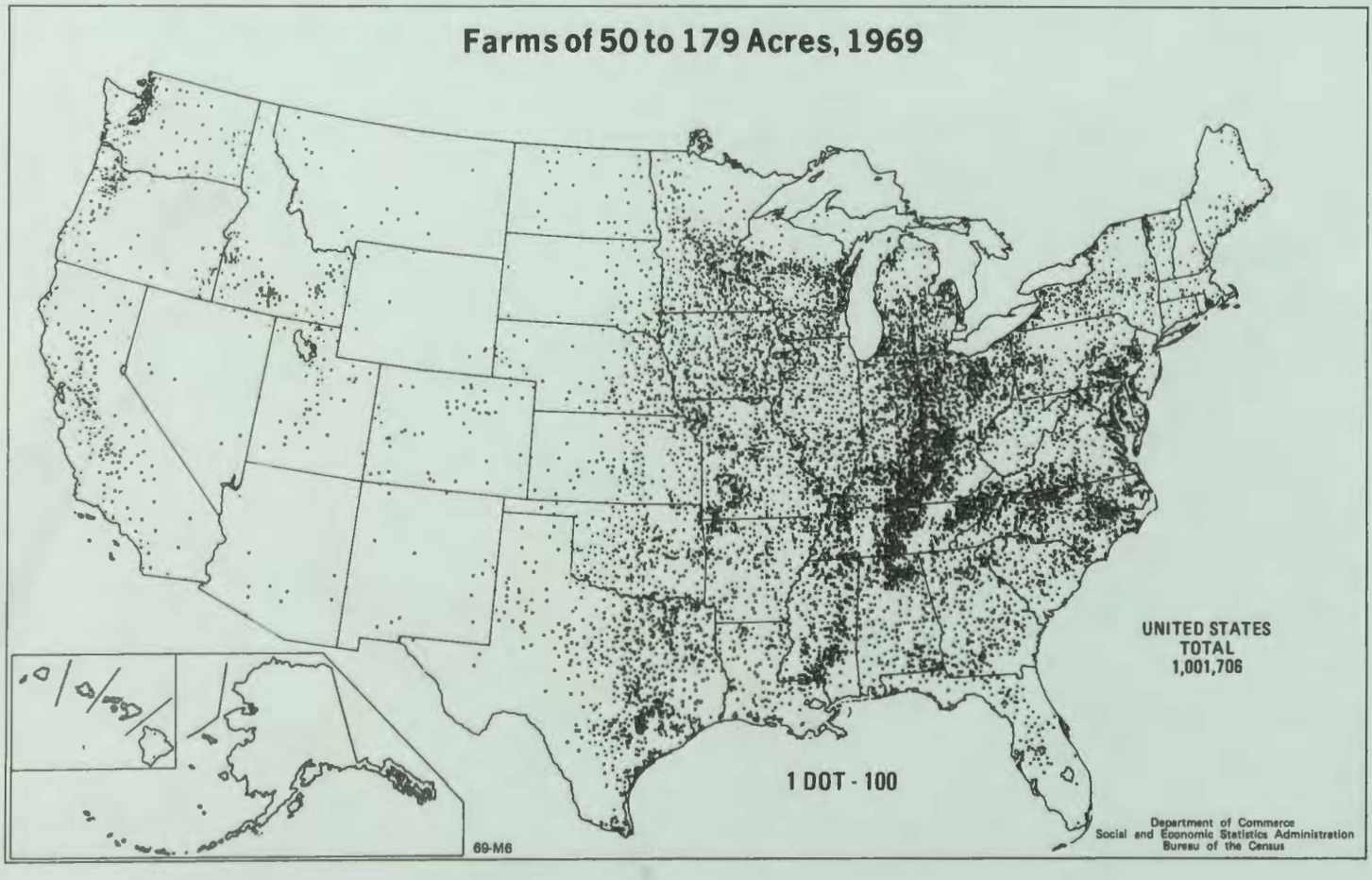

Average Value of Land and Buildings Per Farm, 1969
DOLLARS
200,000 and over
100,000 - 199,999
60,000 - 99,999
40,000 - 59,999
25,000 - 39,999
Under 25,000
UNITED STATES AVERAGE
$75,725
69-MP1
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

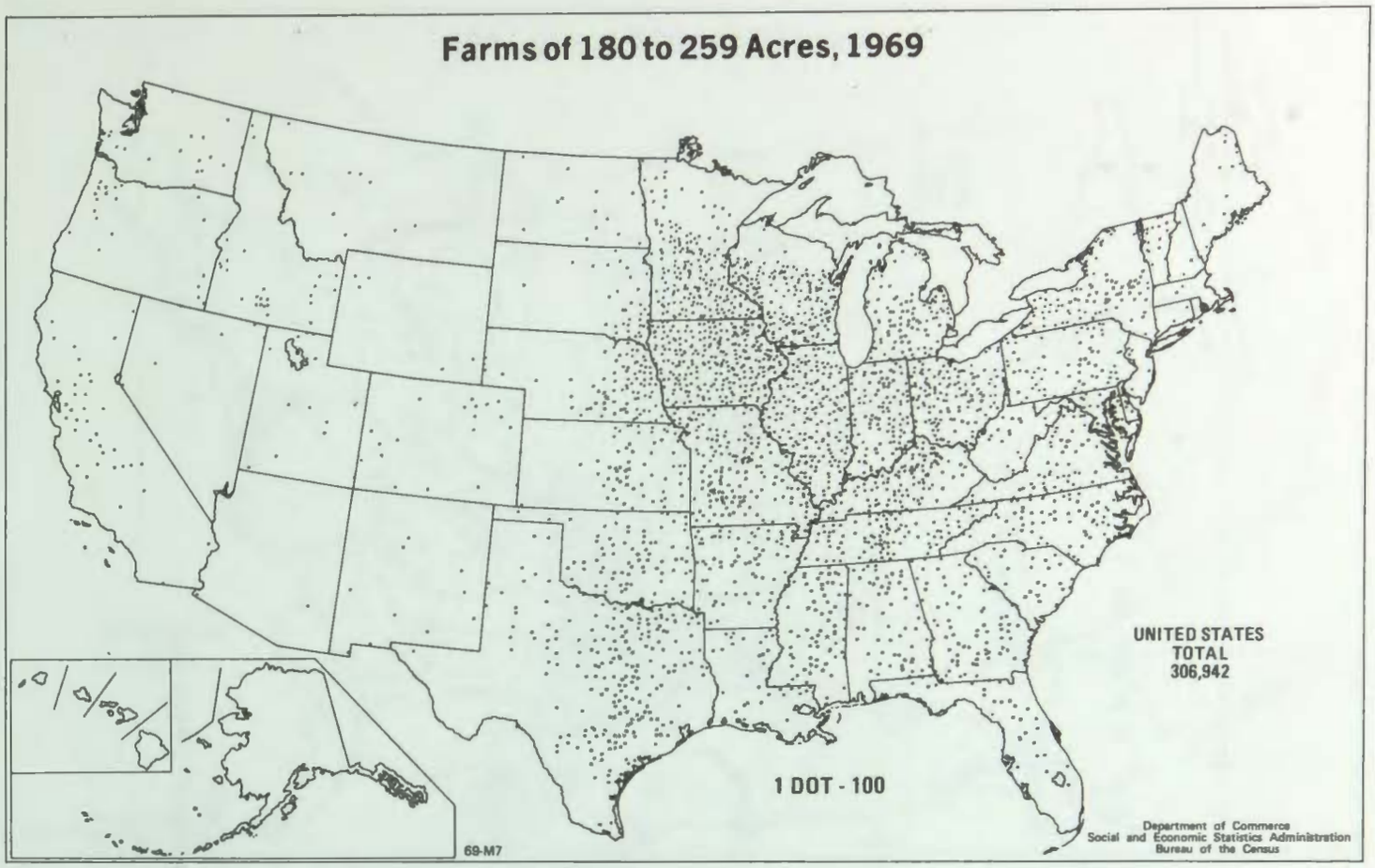

Average Value of Land and Buildings Per Acre of Land in Farms, 1969
DOLLARS
500 and over
350 - 499
200 - 349
100 - 199
50 - 99
Under 50
UNITED STATES AVERAGE
$194.43
69-MP2
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

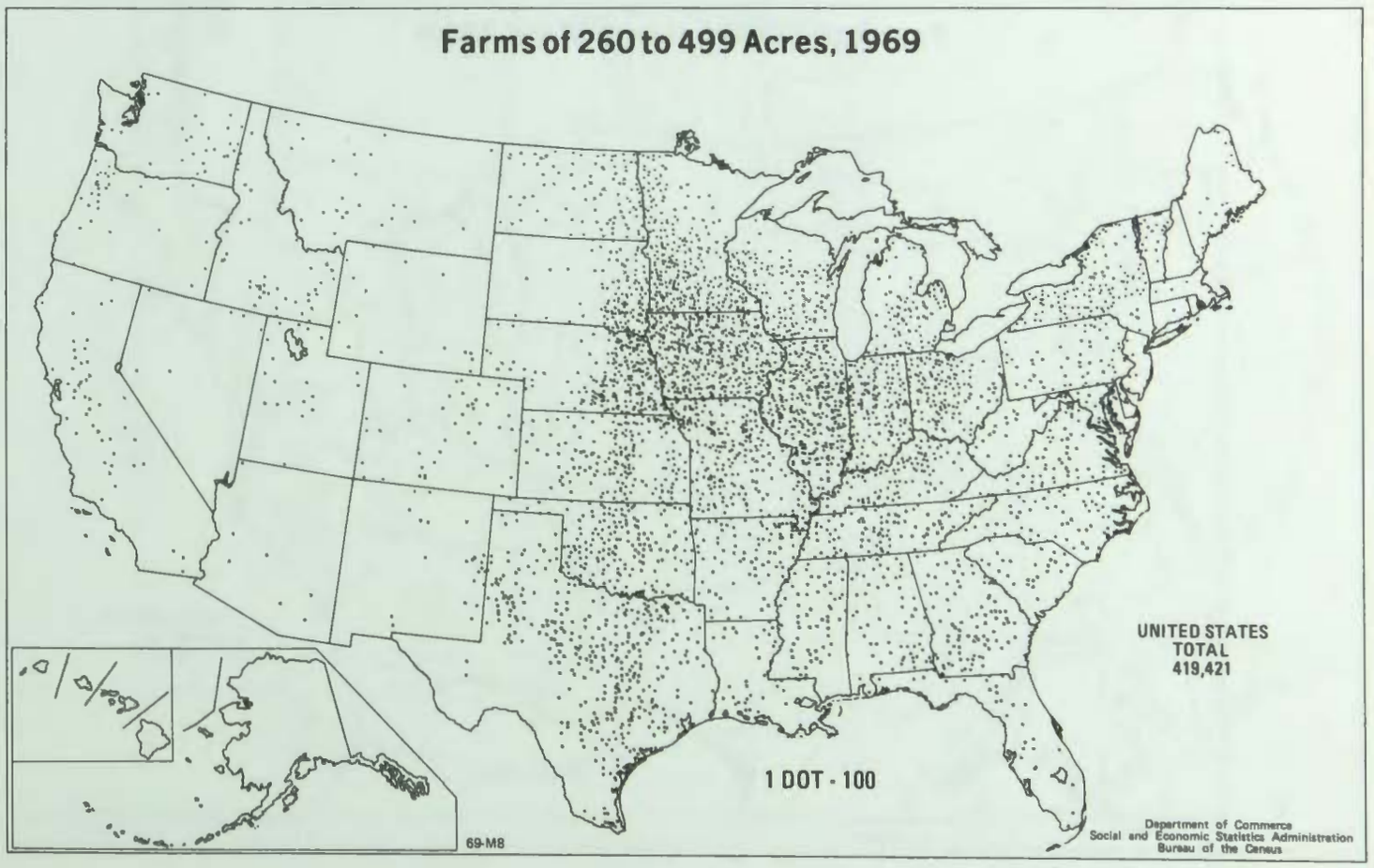

Average Size of Farms, 1969
ACRES
2,000 and over
1,000 - 1,999
500 - 999
260 - 499
160 - 259
Under 160
UNITED STATES AVERAGE
389.5 acres
69-MP3
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

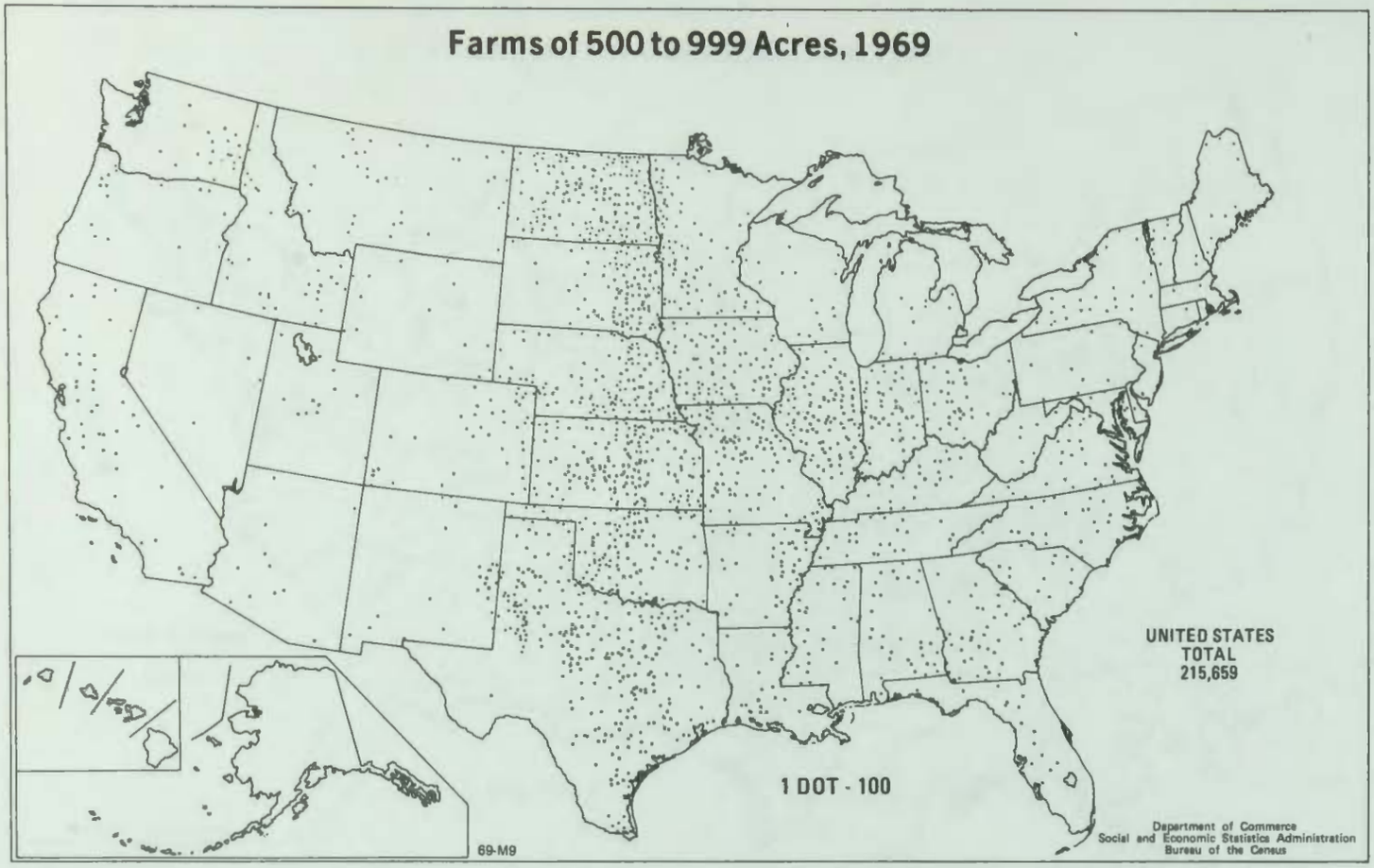

Average Size of Farms With Sales of $2,500 and Over, 1969
(Class 1-5)
ACRES
2,000 and over
1,000 - 1,999
500 - 999
260 - 499
160 - 259
Under 160
UNITED STATES AVERAGE
529.7 acres
69-MP4
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

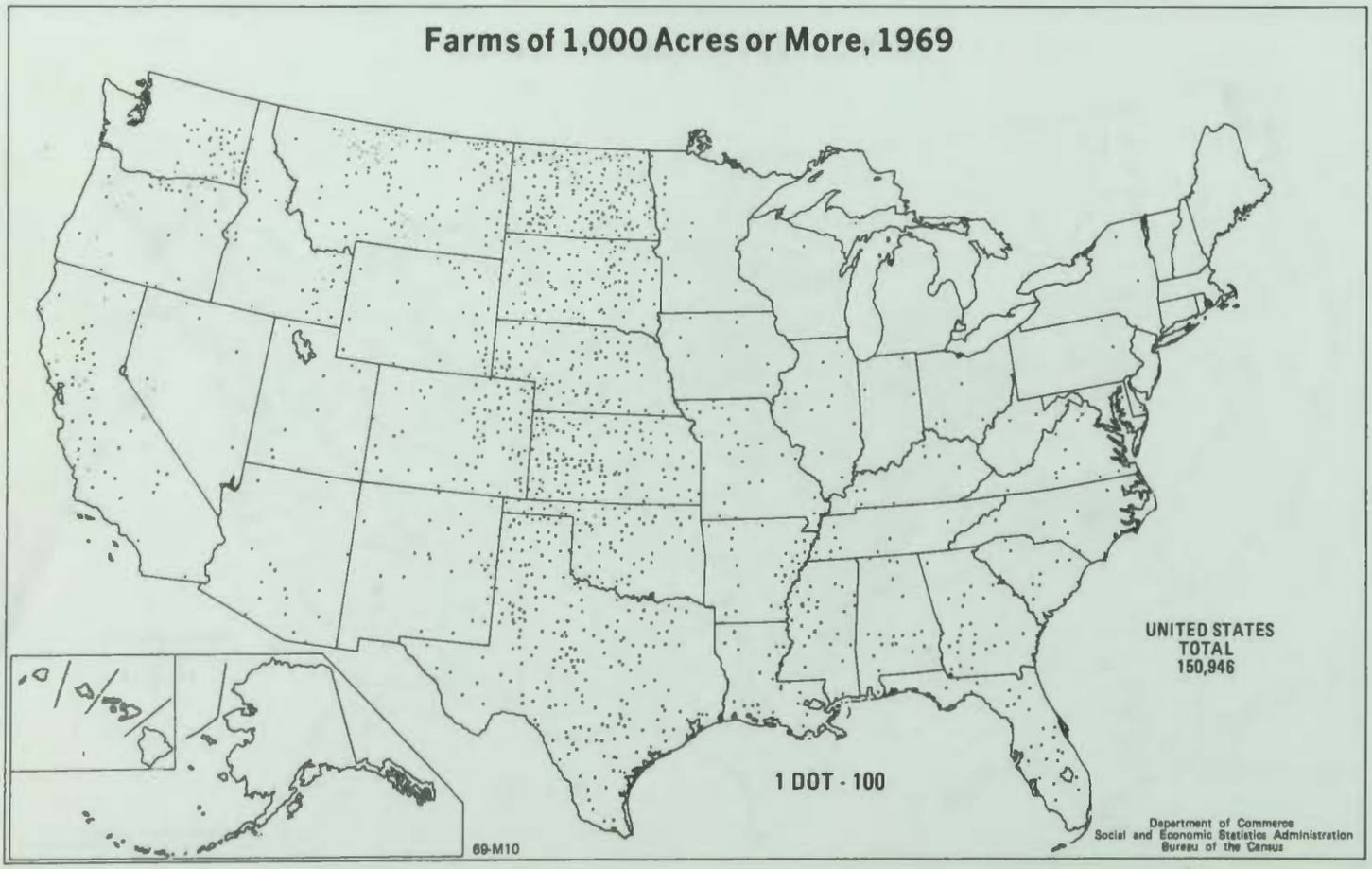

Farms of Less Than 50 Acres, 1969
UNITED STATES
TOTAL
635,576
1 DOT - 100
69-M5
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

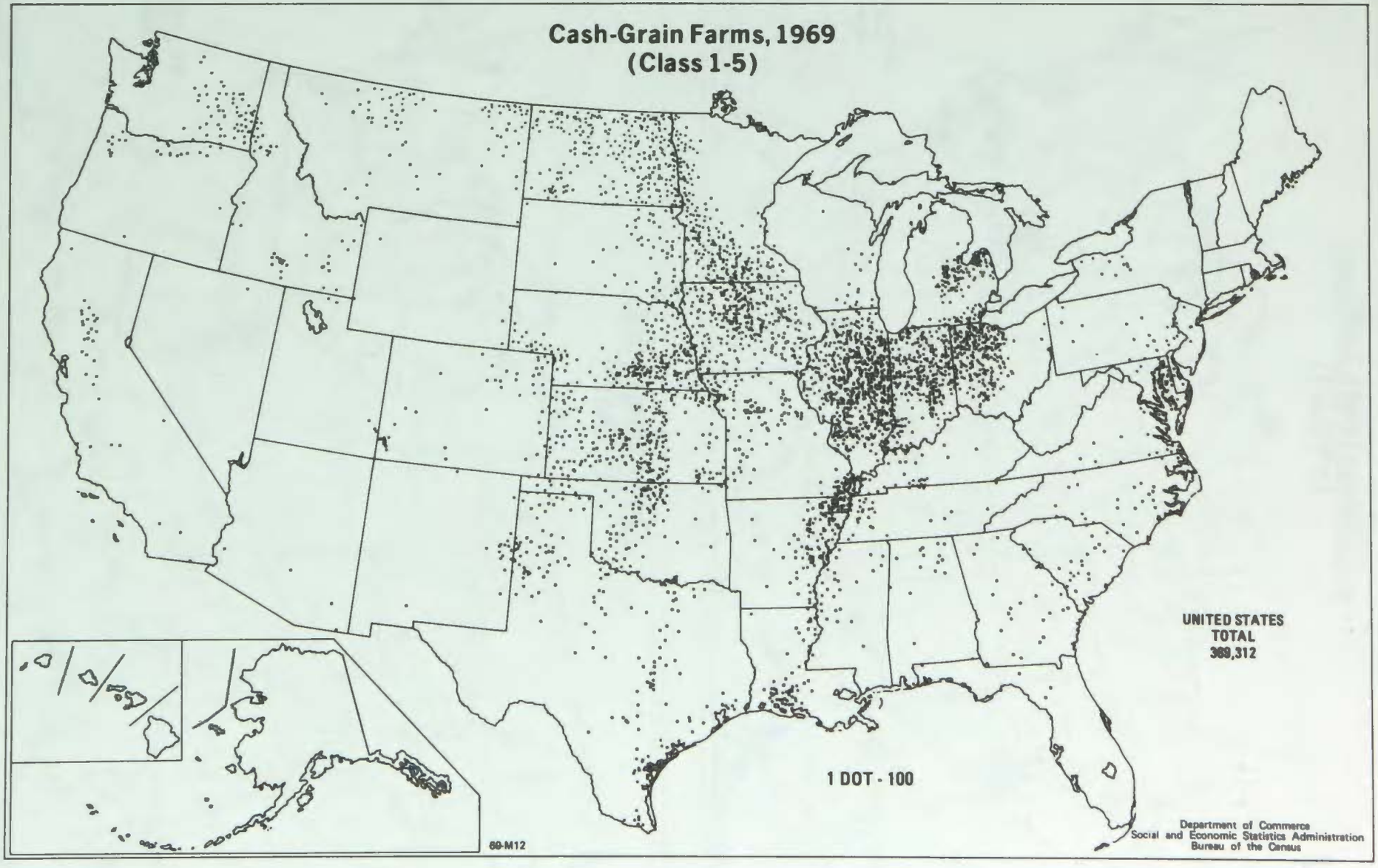

Farms of 50 to 179 Acres, 1969
UNITED STATES
TOTAL
1,001,706
1 DOT - 100
69-M6
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

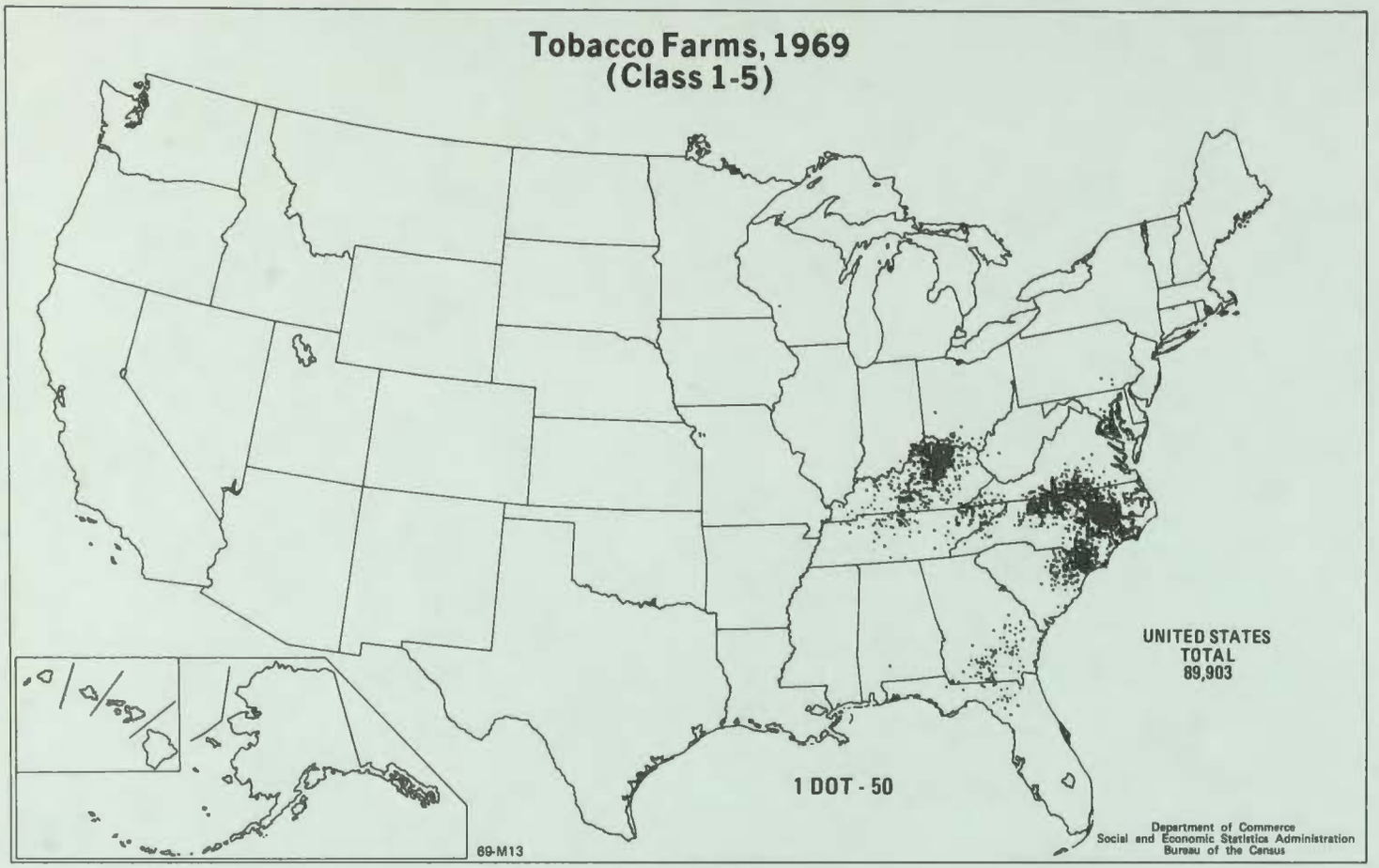

Farms of 180 to 259 Acres, 1969
UNITED STATES
TOTAL
306,942
1 DOT - 100
69-M7
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

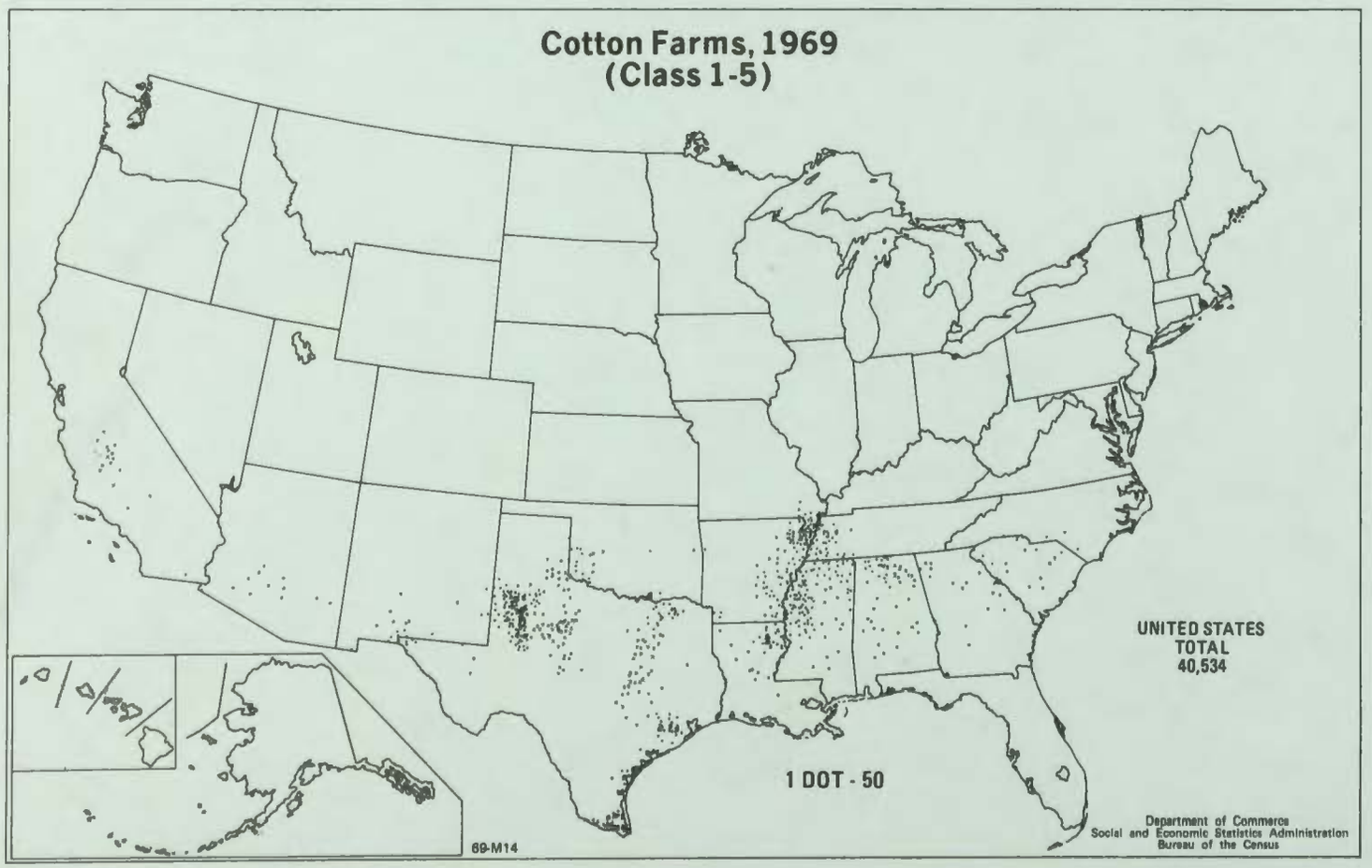

Farms of 260 to 499 Acres, 1969
UNITED STATES
TOTAL
419,421
1 DOT - 100
69-M8
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

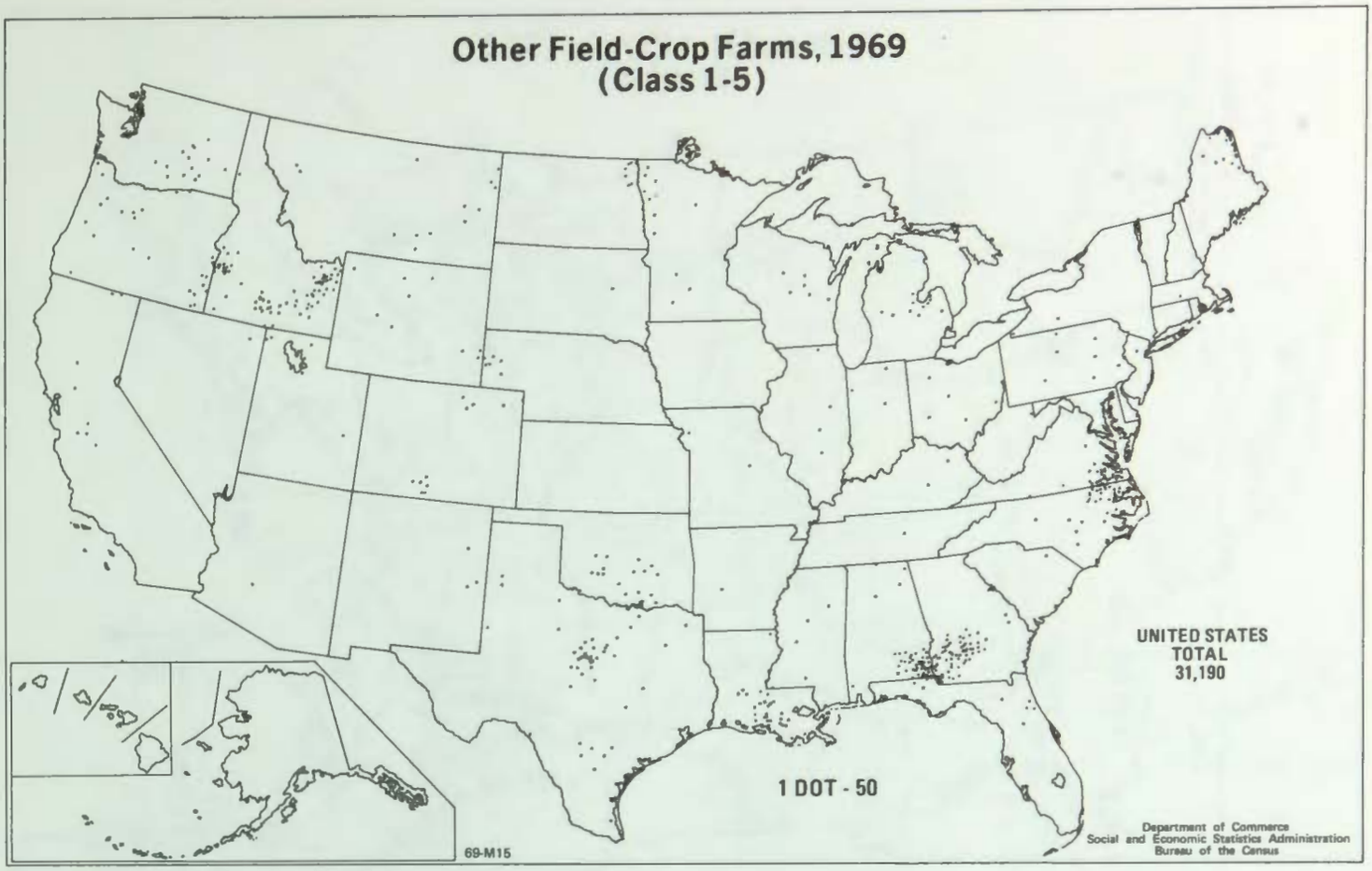

Farms of 500 to 999 Acres, 1969
UNITED STATES
TOTAL
215,659
1 DOT - 100
69-M9
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

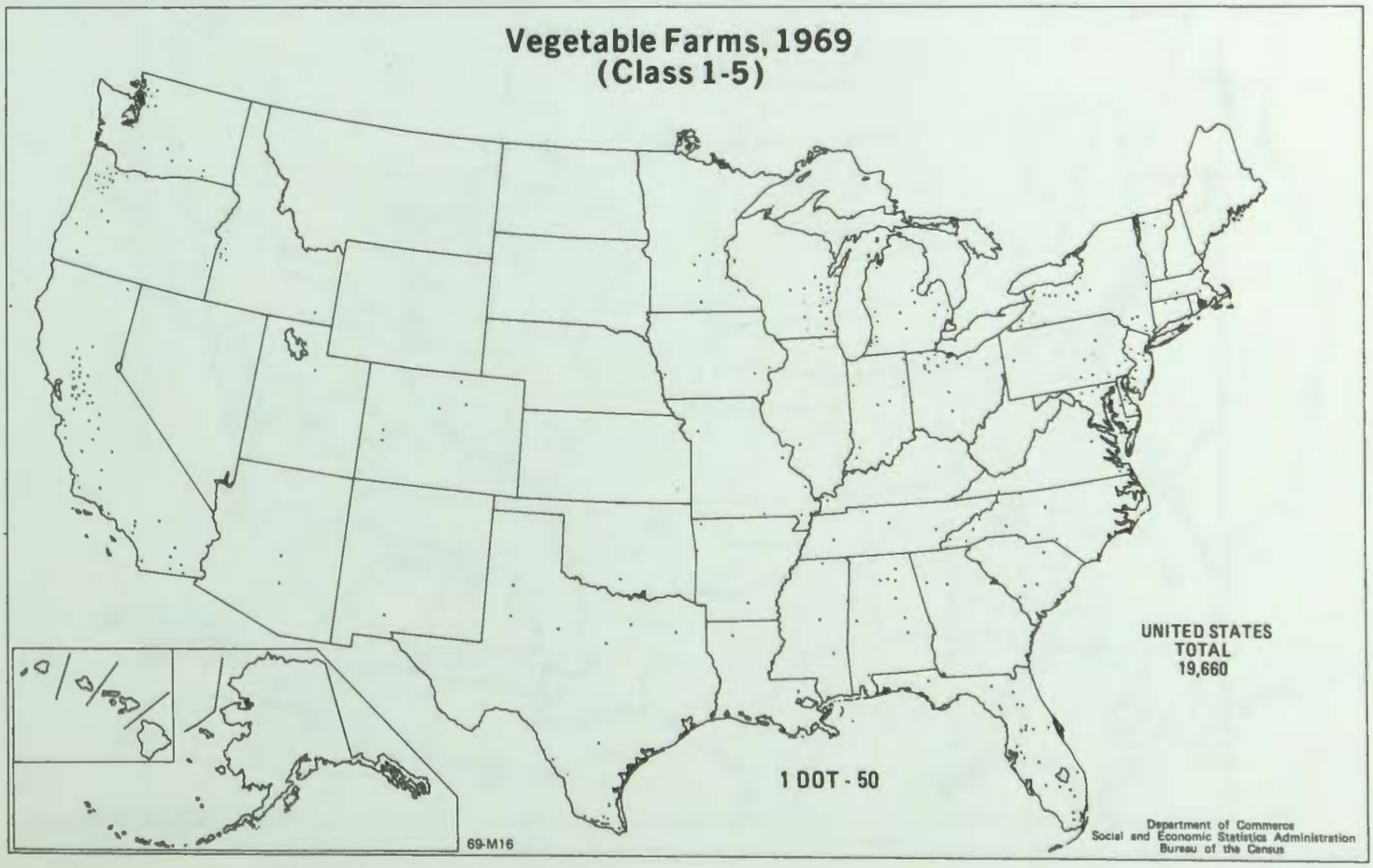

Farms of 1,000 Acres or More, 1969
UNITED STATES
TOTAL
150,946
1 DOT - 100
69-M10
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

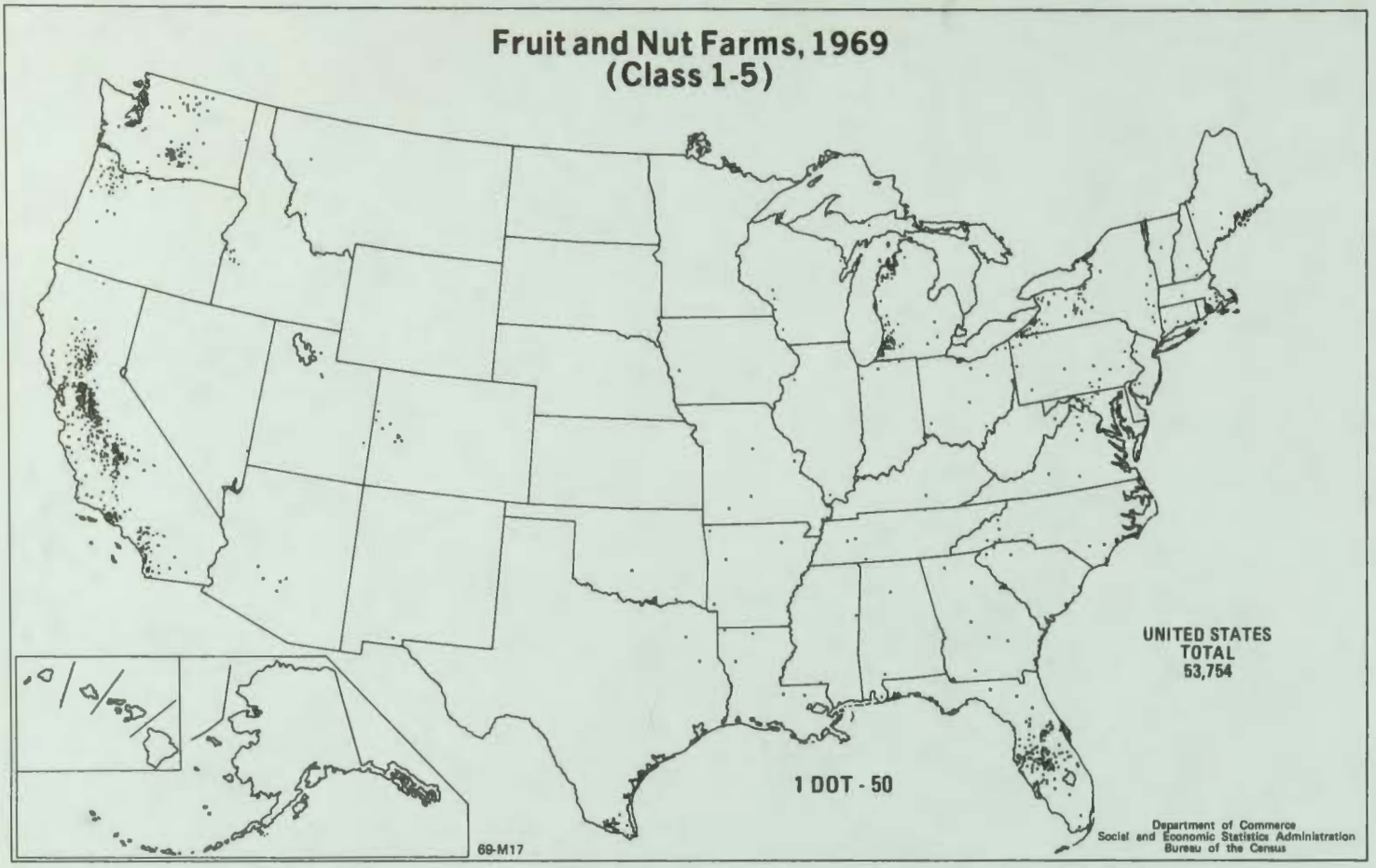

Cash-Grain Farms, 1969
(Class 1-5)
UNITED STATES
TOTAL
369,312
1 DOT - 100
69-M12
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

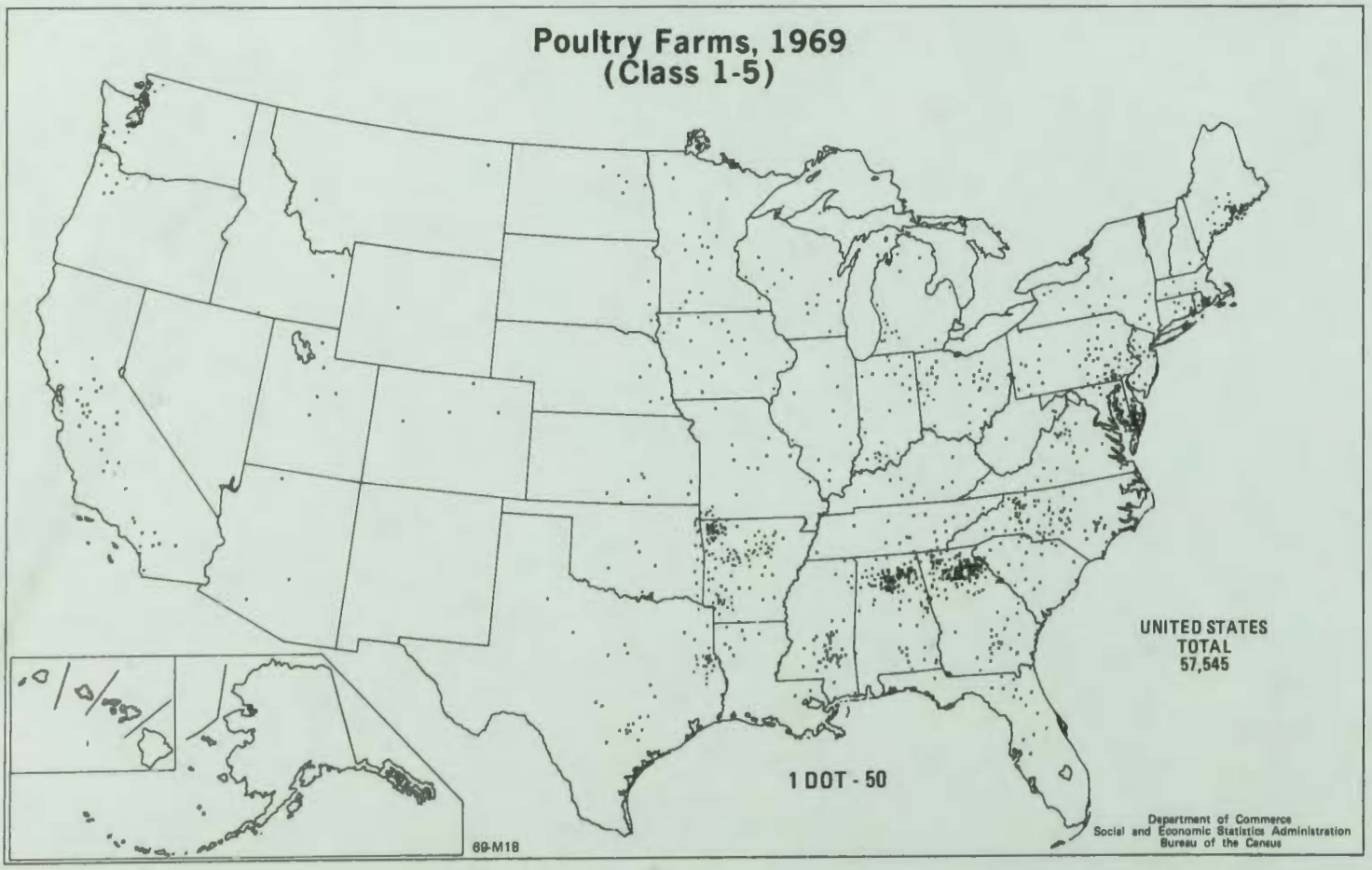

Tobacco Farms, 1969
(Class 1-5)
UNITED STATES
TOTAL
89,903
1 DOT - 50
89-M13
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

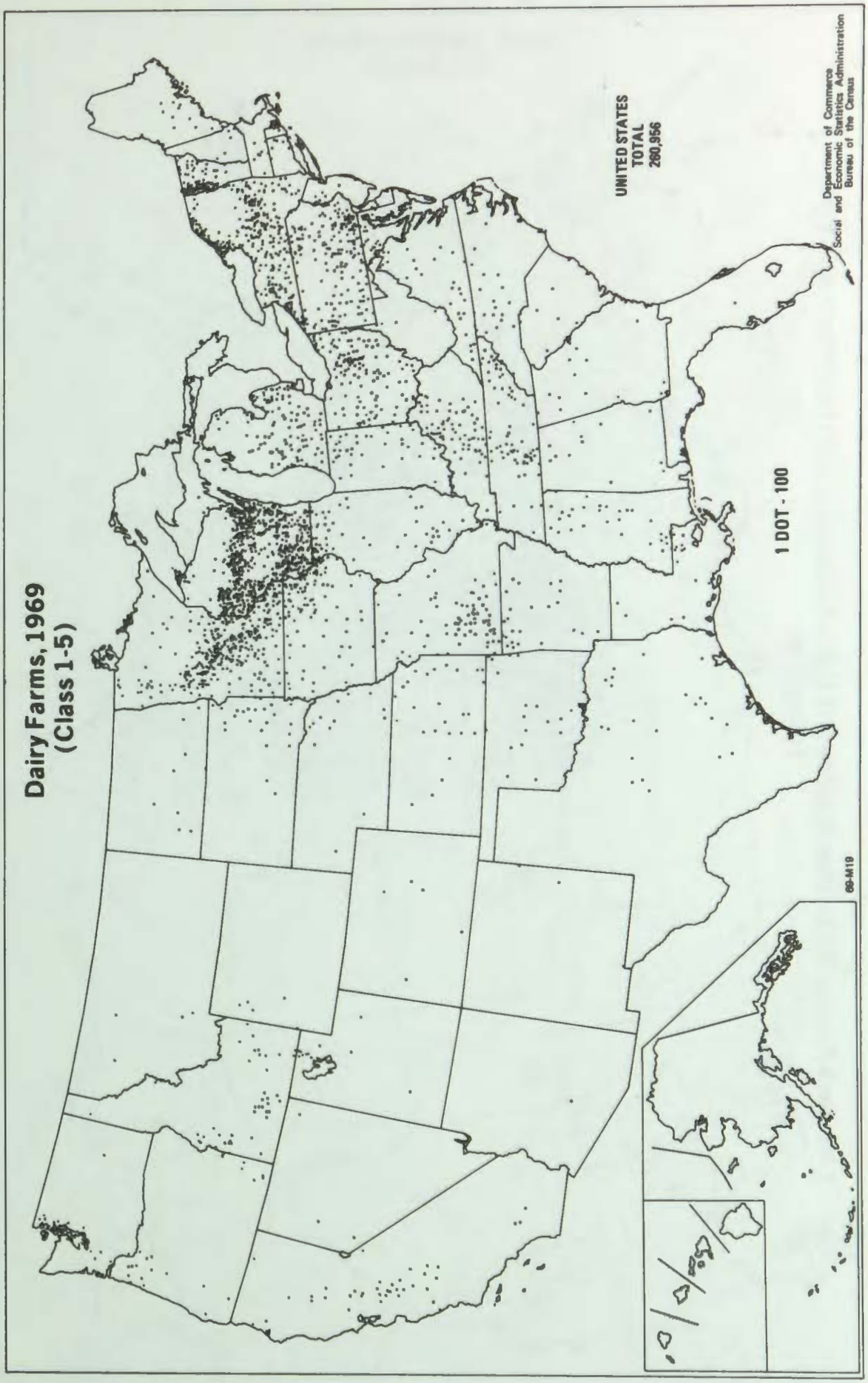

Cotton Farms, 1969
(Class 1-5)
UNITED STATES
TOTAL
40,534
1 DOT - 50
89-M14
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

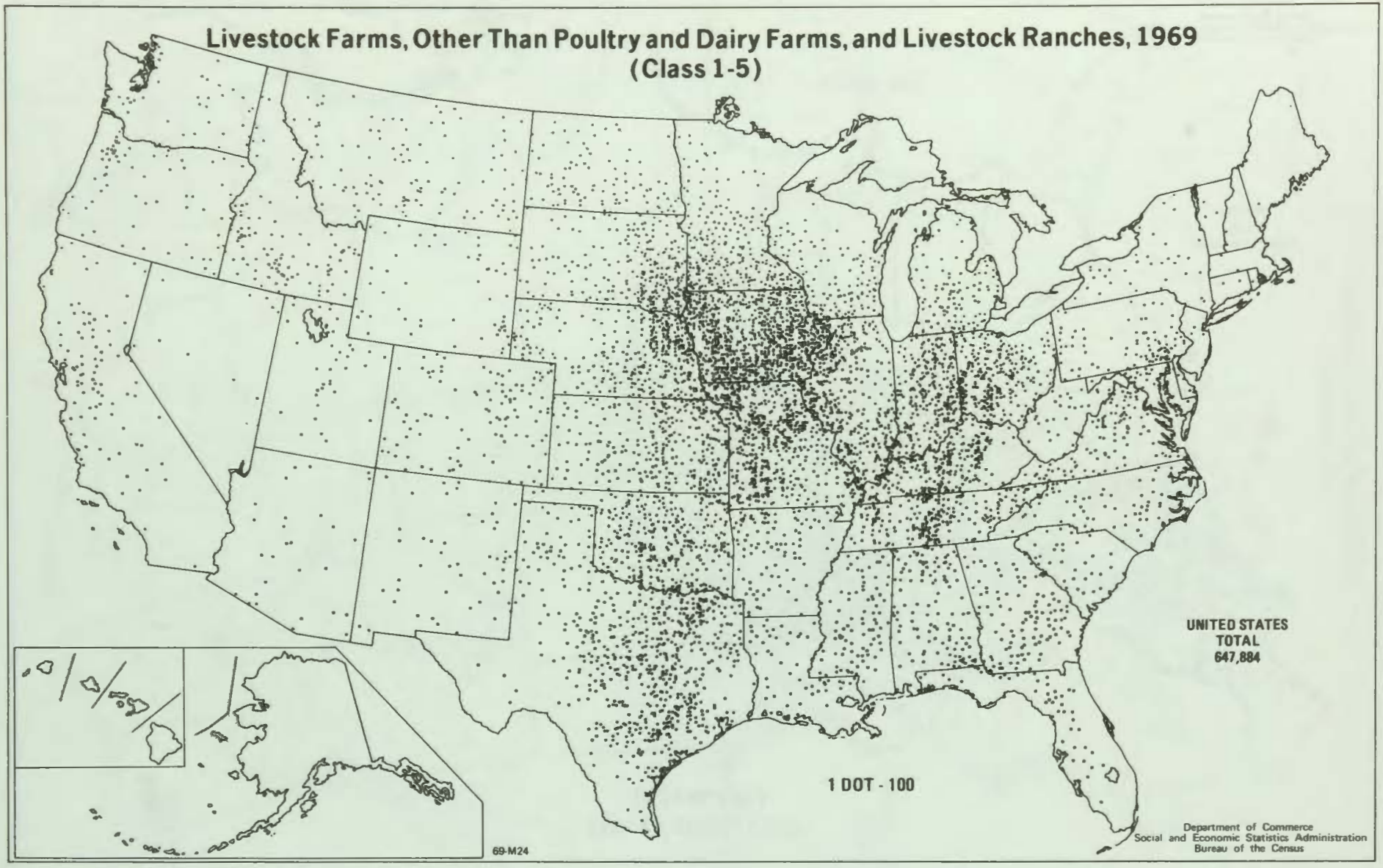

Other Field-Crop Farms, 1969
(Class 1-5)
UNITED STATES
TOTAL
31,190
1 DOT - 50
69-M15
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

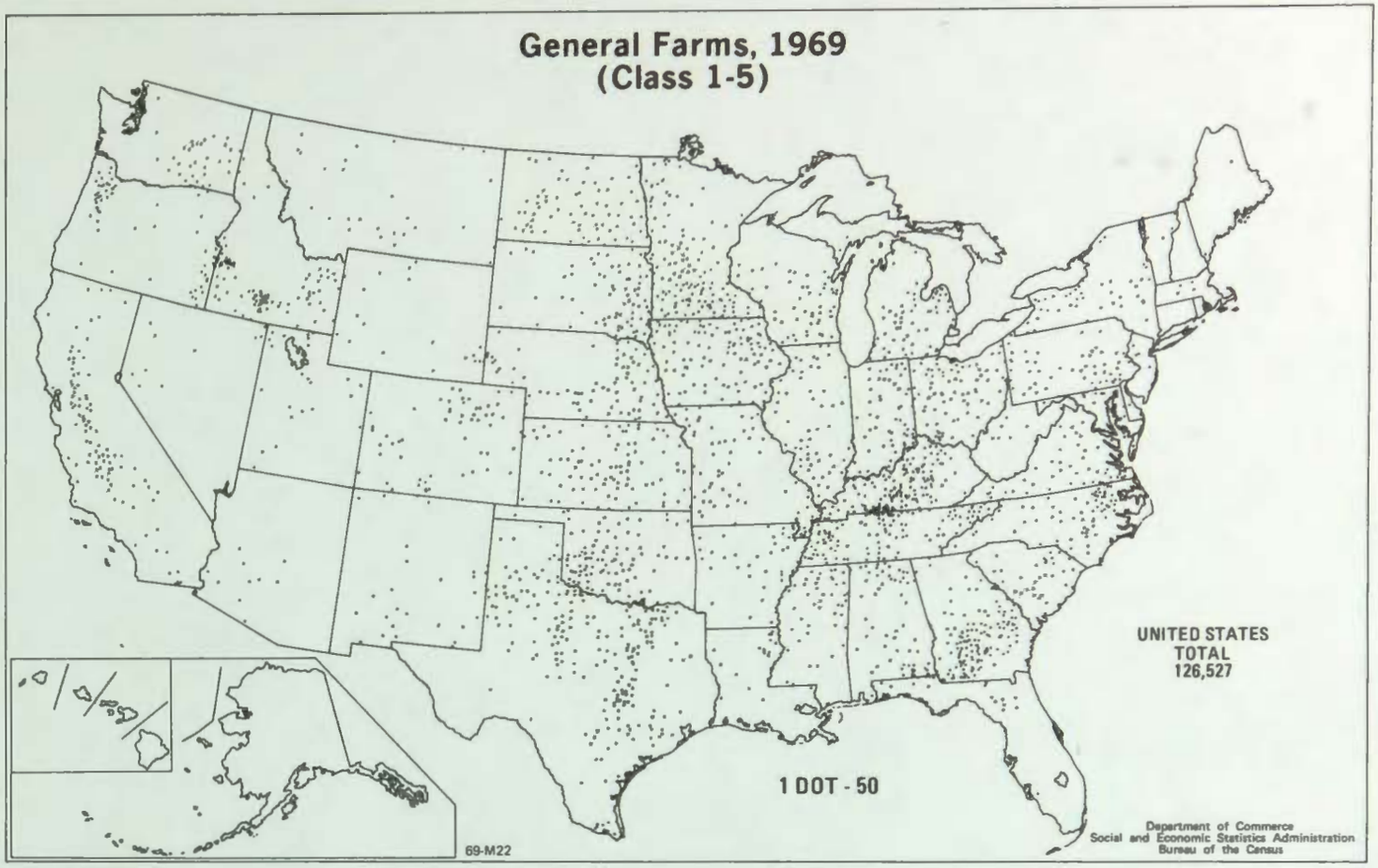

Vegetable Farms, 1969
(Class 1-5)
UNITED STATES
TOTAL
19,660
1 DOT - 50
69-M16
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

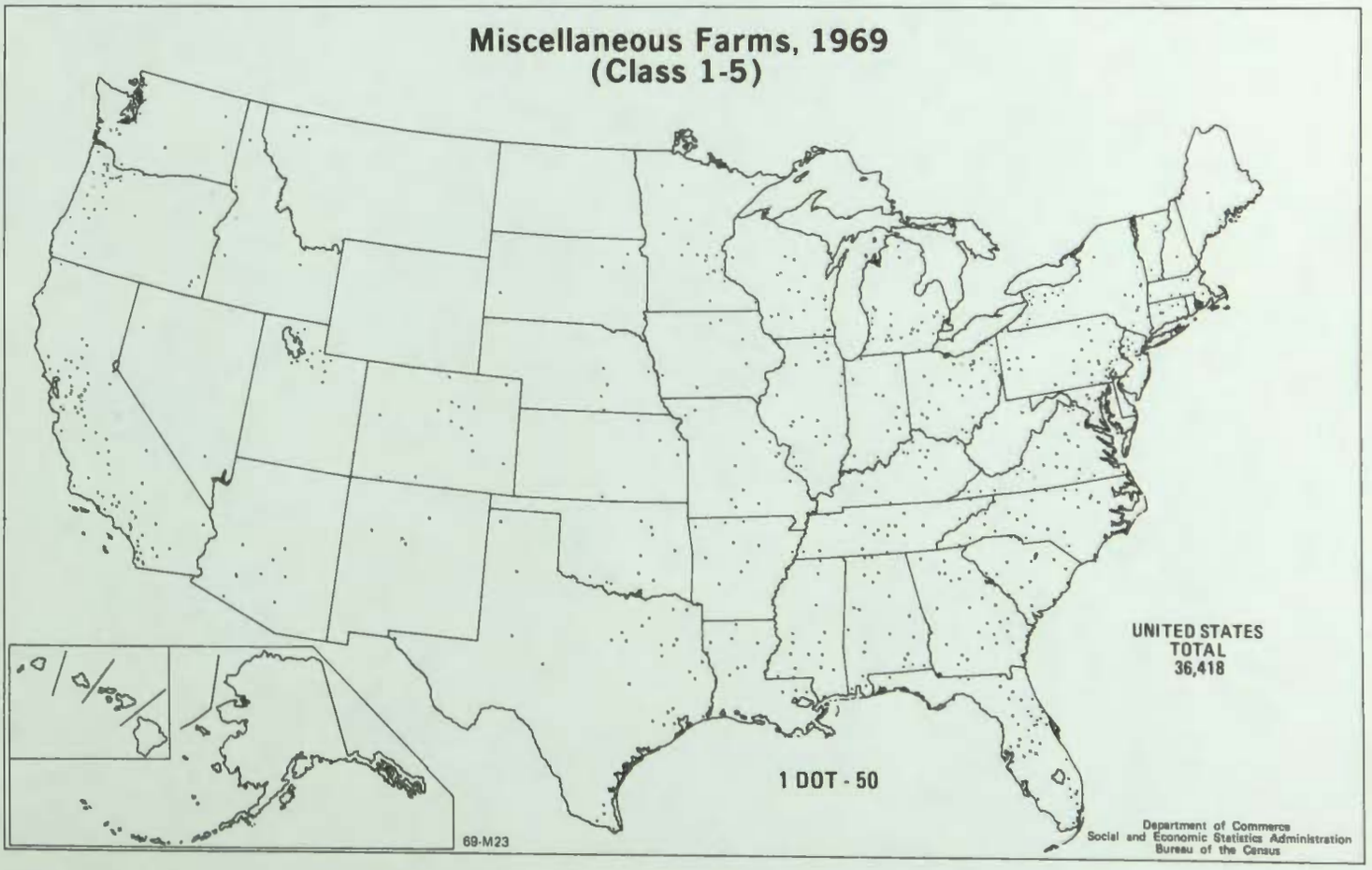

Fruit and Nut Farms, 1969
(Class 1-5)
UNITED STATES
TOTAL
53,754
1 DOT - 50
69-M17
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

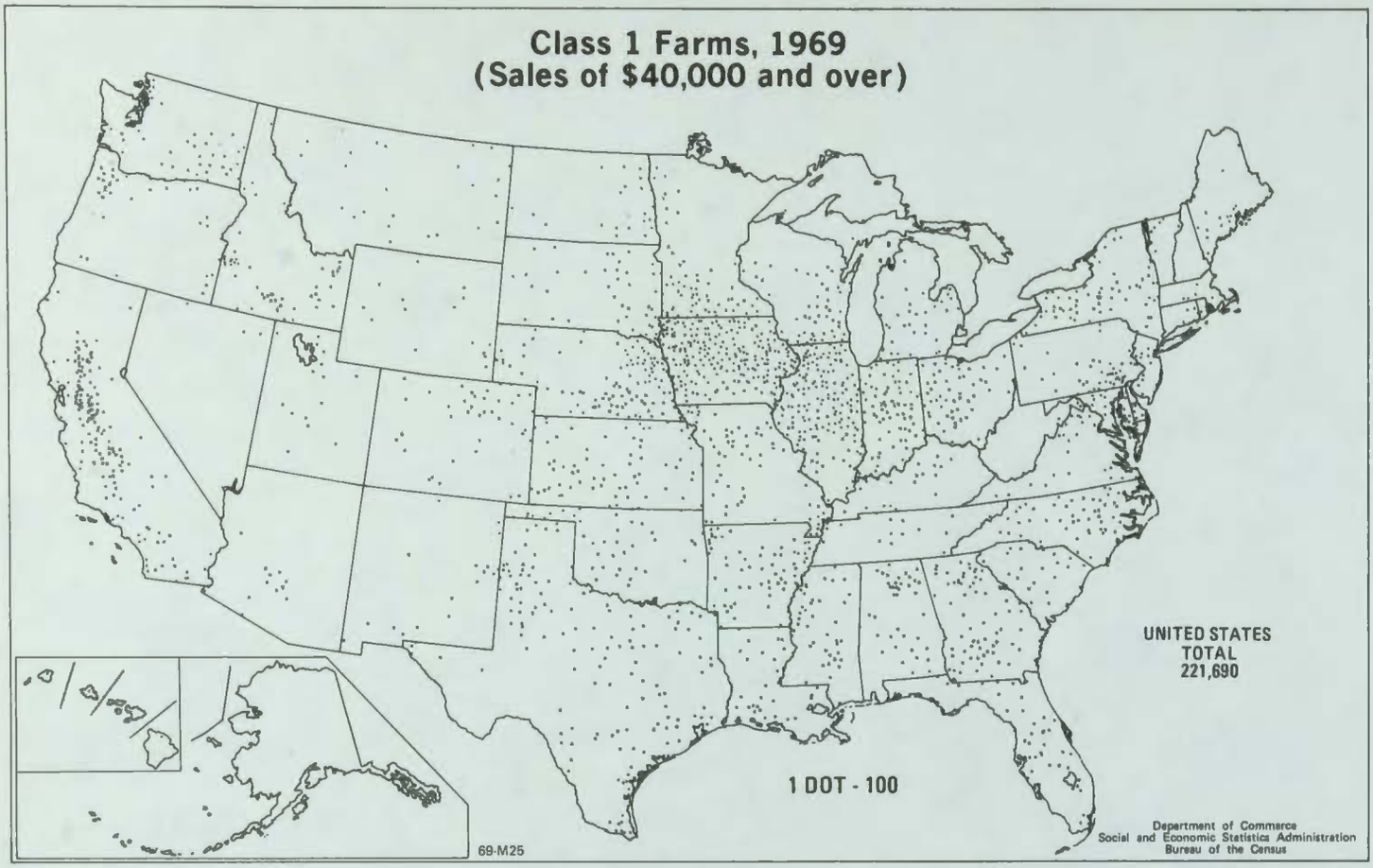

Poultry Farms, 1969
(Class 1-5)
UNITED STATES
TOTAL
57,545
1 DOT - 50
69-M18
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

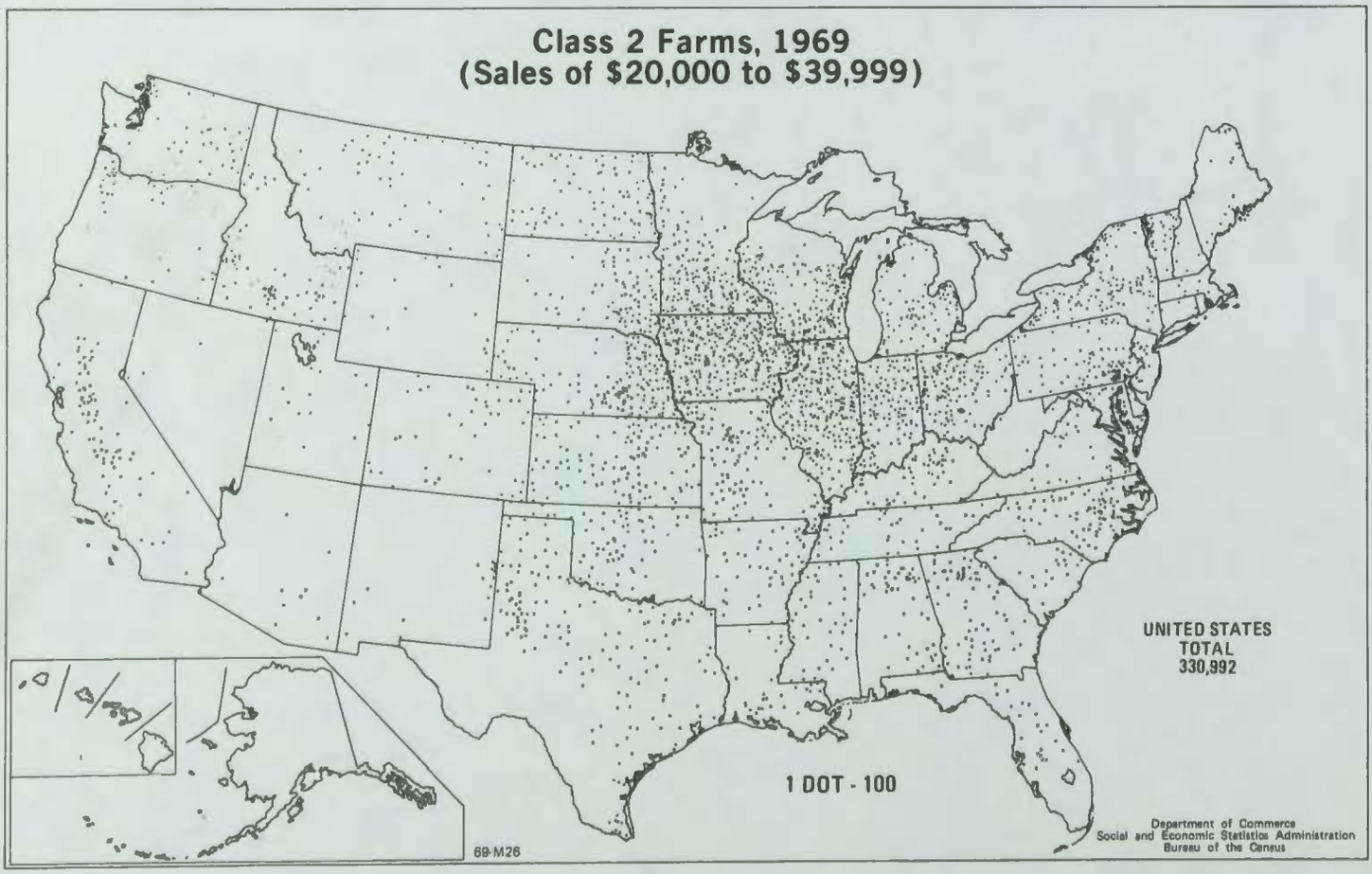

Dairy Farms, 1969
(Class 1-5)
UNITED STATES
TOTAL
260,956
1 DOT - 100
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census
69-M19

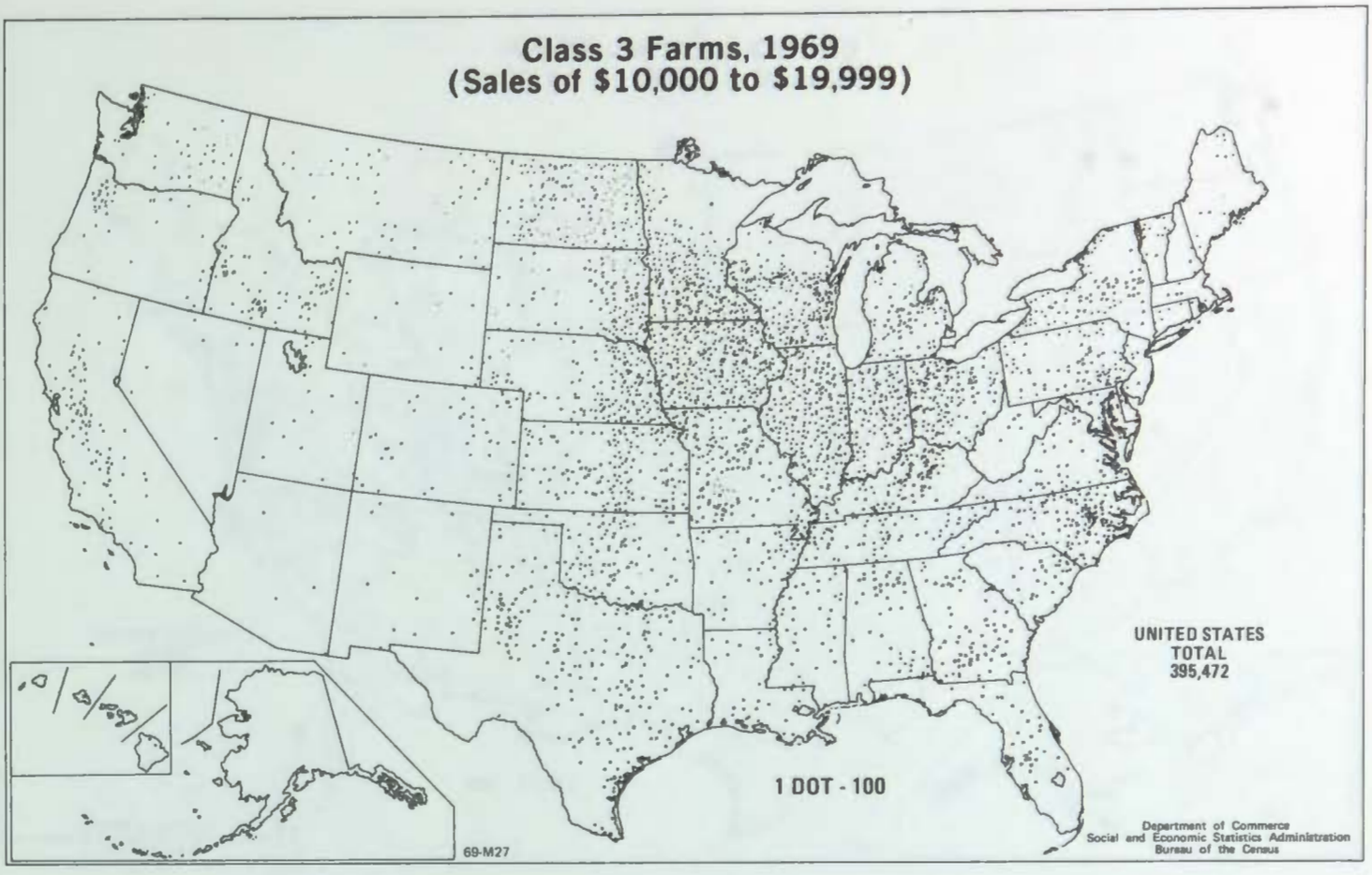

Livestock Farms, Other Than Poultry and Dairy Farms, and Livestock Ranches, 1969
(Class 1-5)
UNITED STATES
TOTAL
647,884
1 DOT - 100
69-M24
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

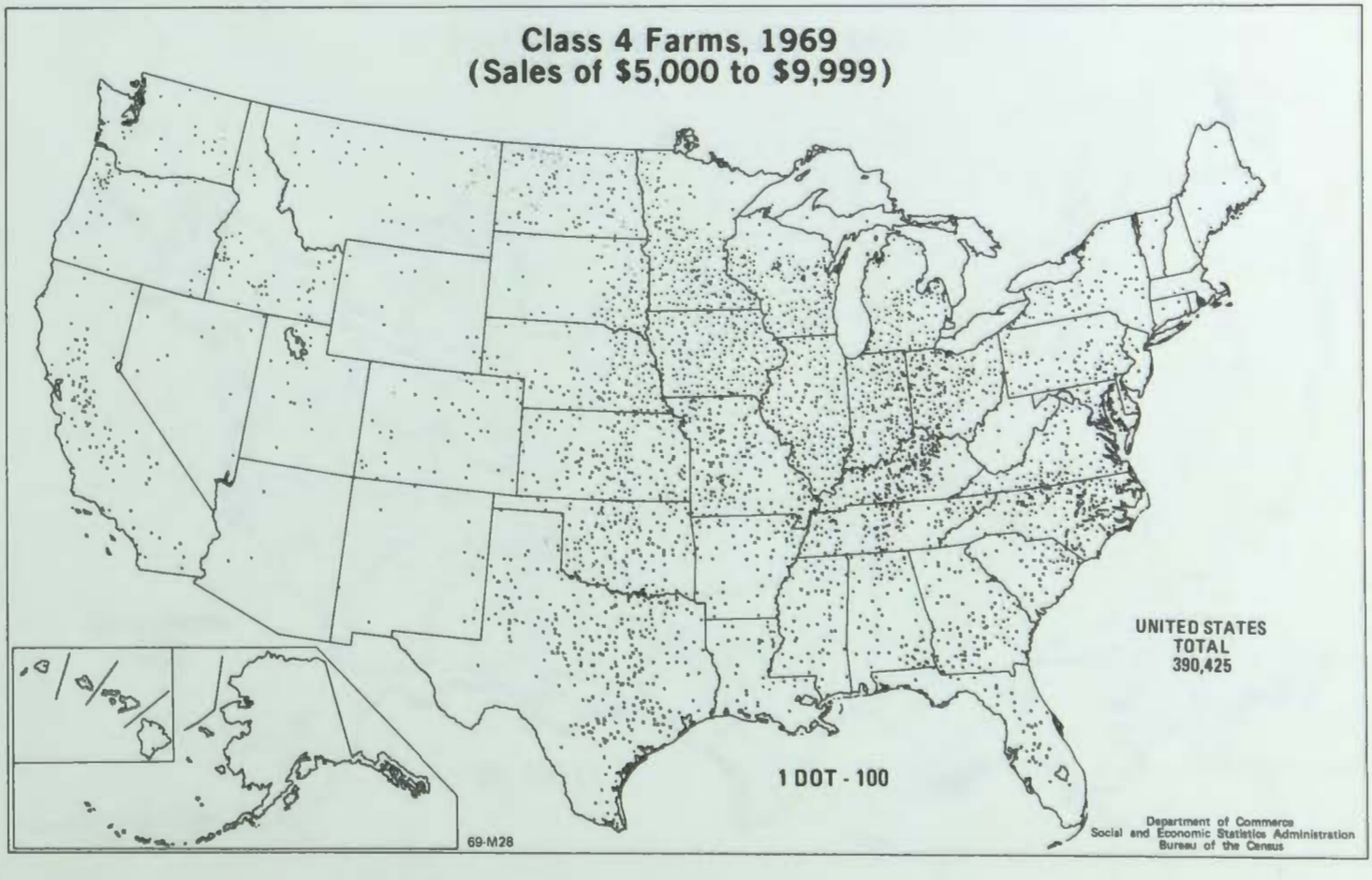

General Farms, 1969
(Class 1-5)
UNITED STATES
TOTAL
126,527
1 DOT - 50
69-M22
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

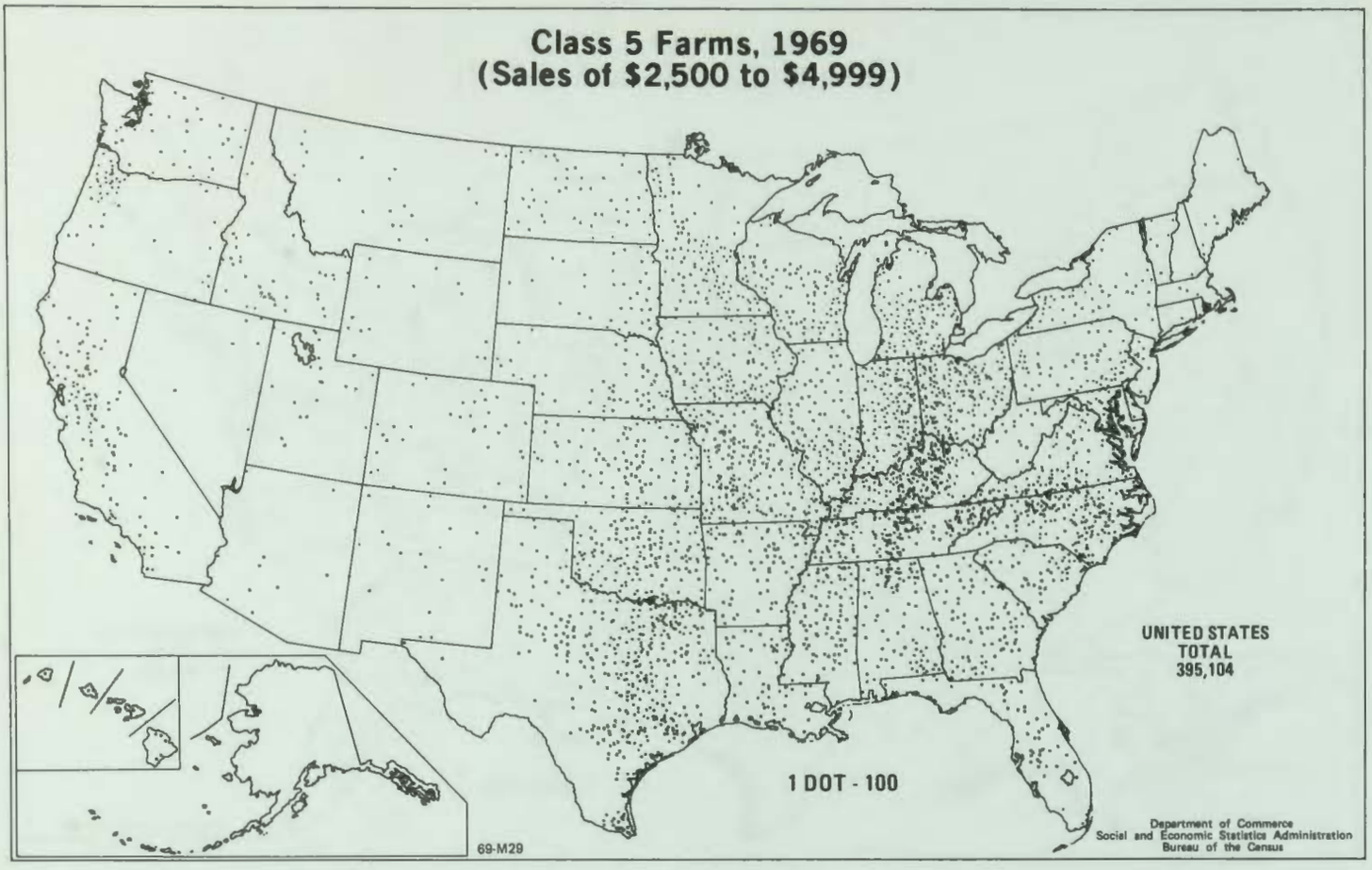

Miscellaneous Farms, 1969
(Class 1-5)
UNITED STATES
TOTAL
36,418
1 DOT - 50
69-M23
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

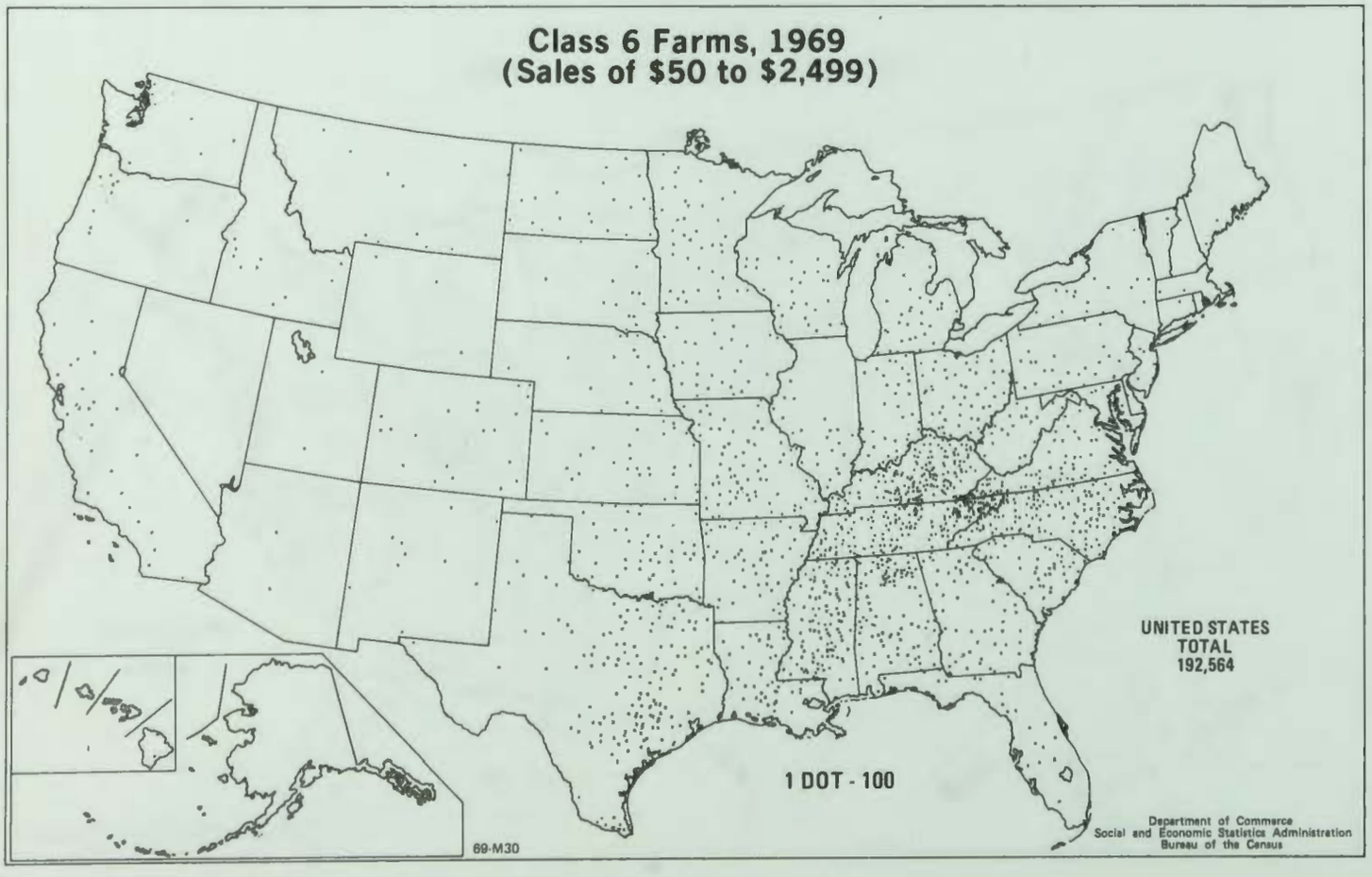

Class 1 Farms, 1969
(Sales of $40,000 and over)
UNITED STATES
TOTAL
221,690
1 DOT - 100
69-M25
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

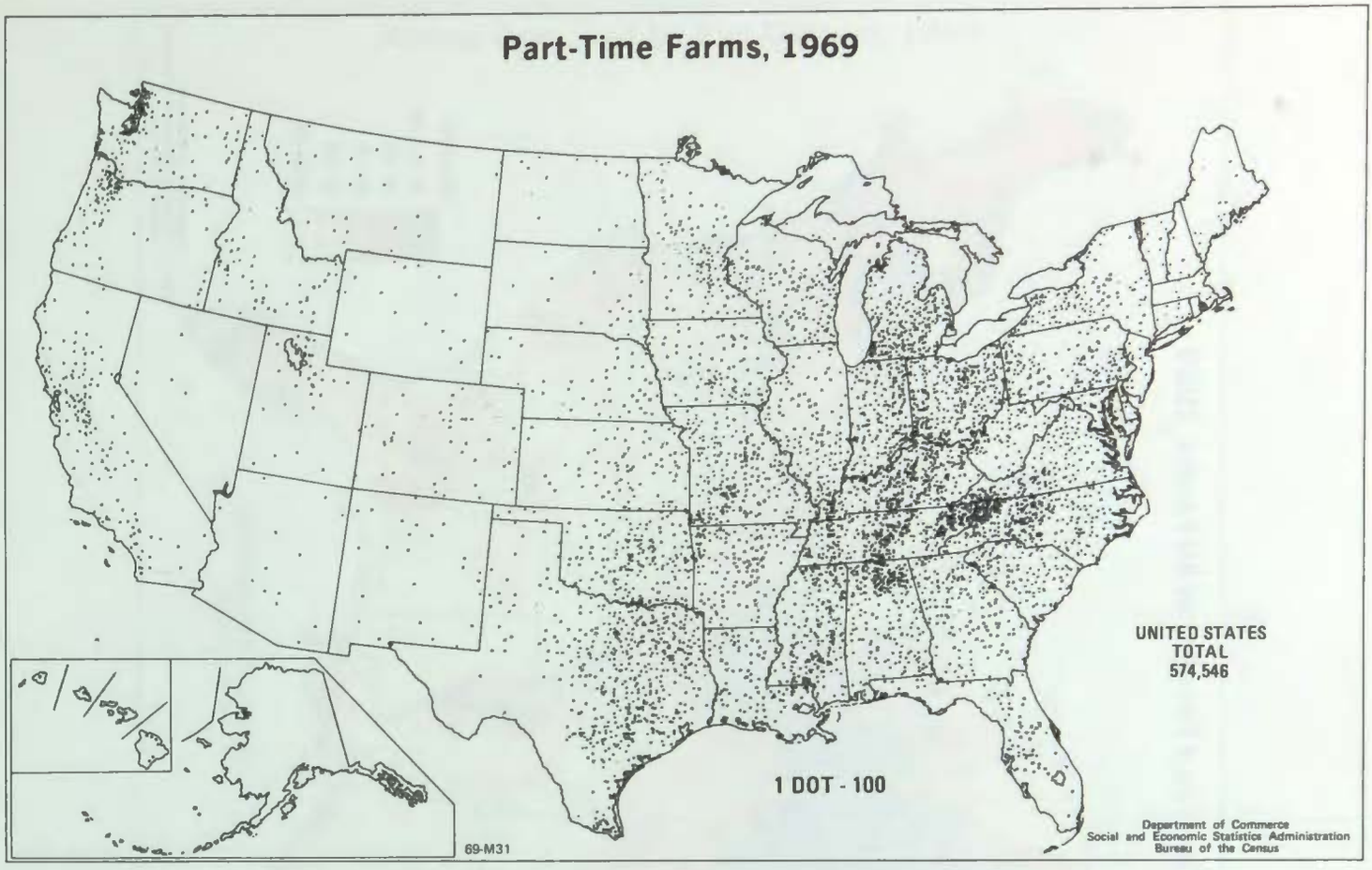

Class 2 Farms, 1969
(Sales of $20,000 to $39,999)
UNITED STATES
TOTAL
330,992
1 DOT - 100
69-M26
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Class 3 Farms, 1969
(Sales of $10,000 to $19,999)
UNITED STATES
TOTAL
395,472
1 DOT - 100
69-M27
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

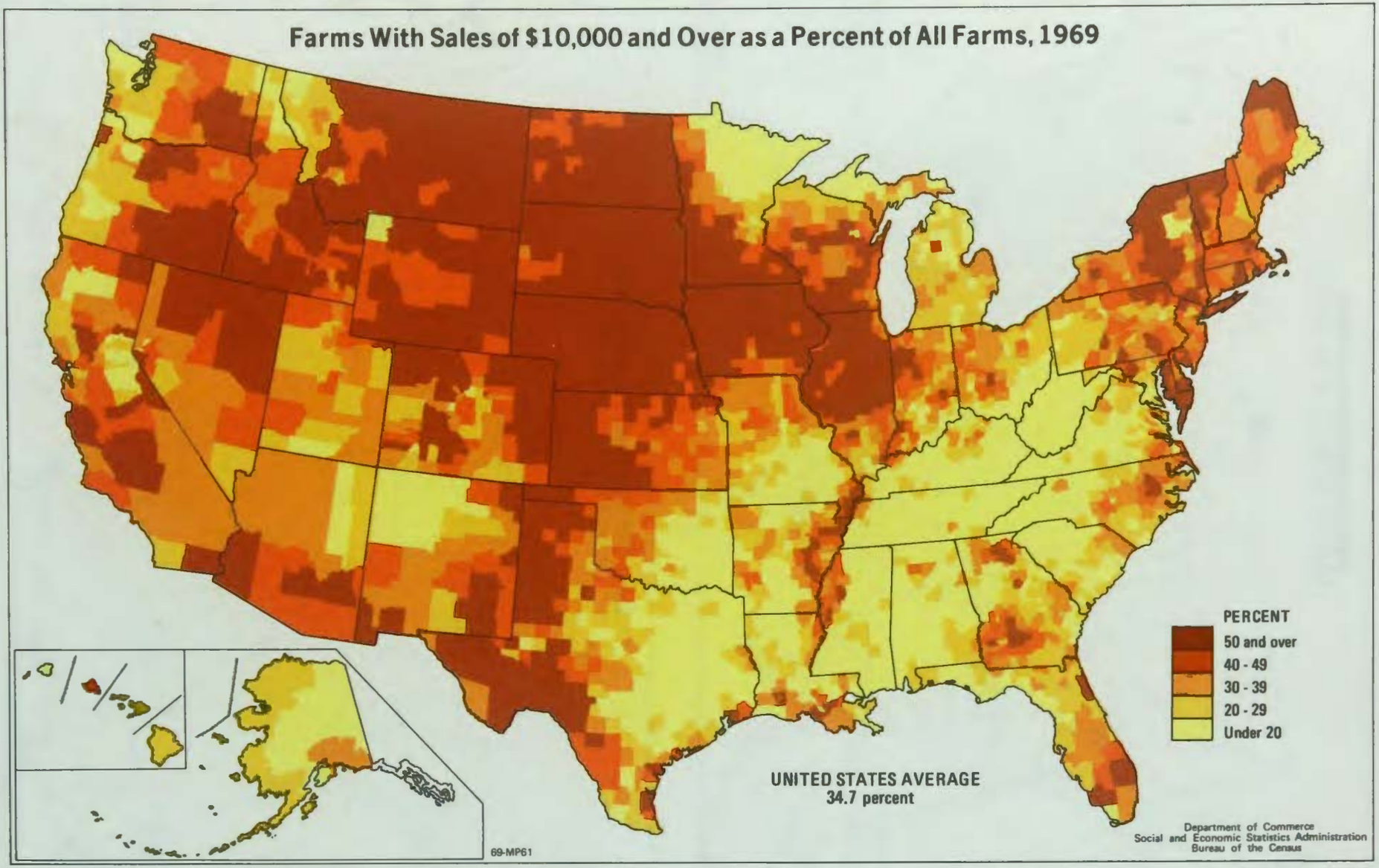

Class 4 Farms, 1969
(Sales of $5,000 to $9,999)
UNITED STATES
TOTAL
390,425
1 DOT - 100
69-M28
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

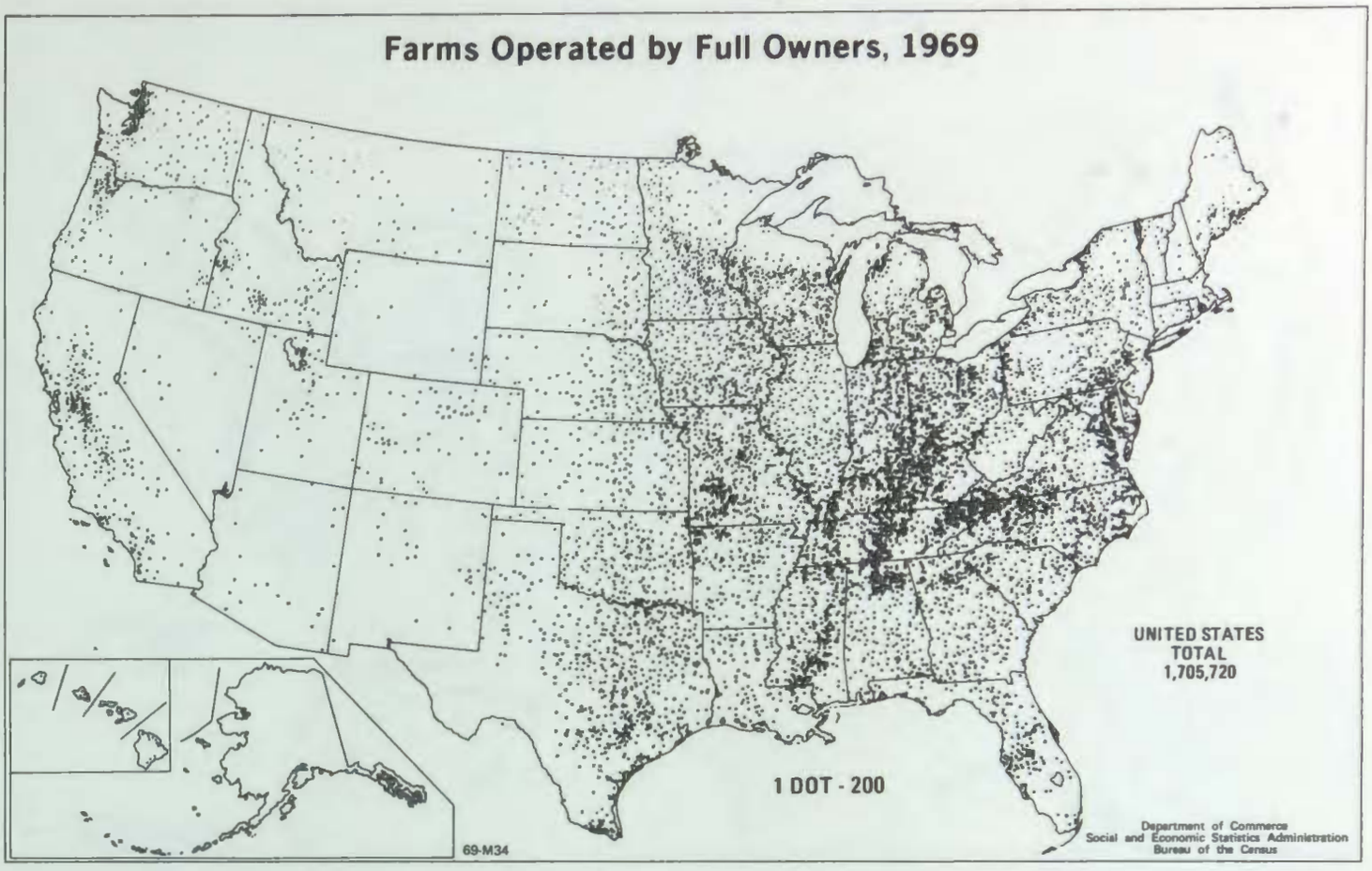

Class 5 Farms, 1969
(Sales of $2,500 to $4,999)
UNITED STATES
TOTAL
395,104
1 DOT - 100
69-M29
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

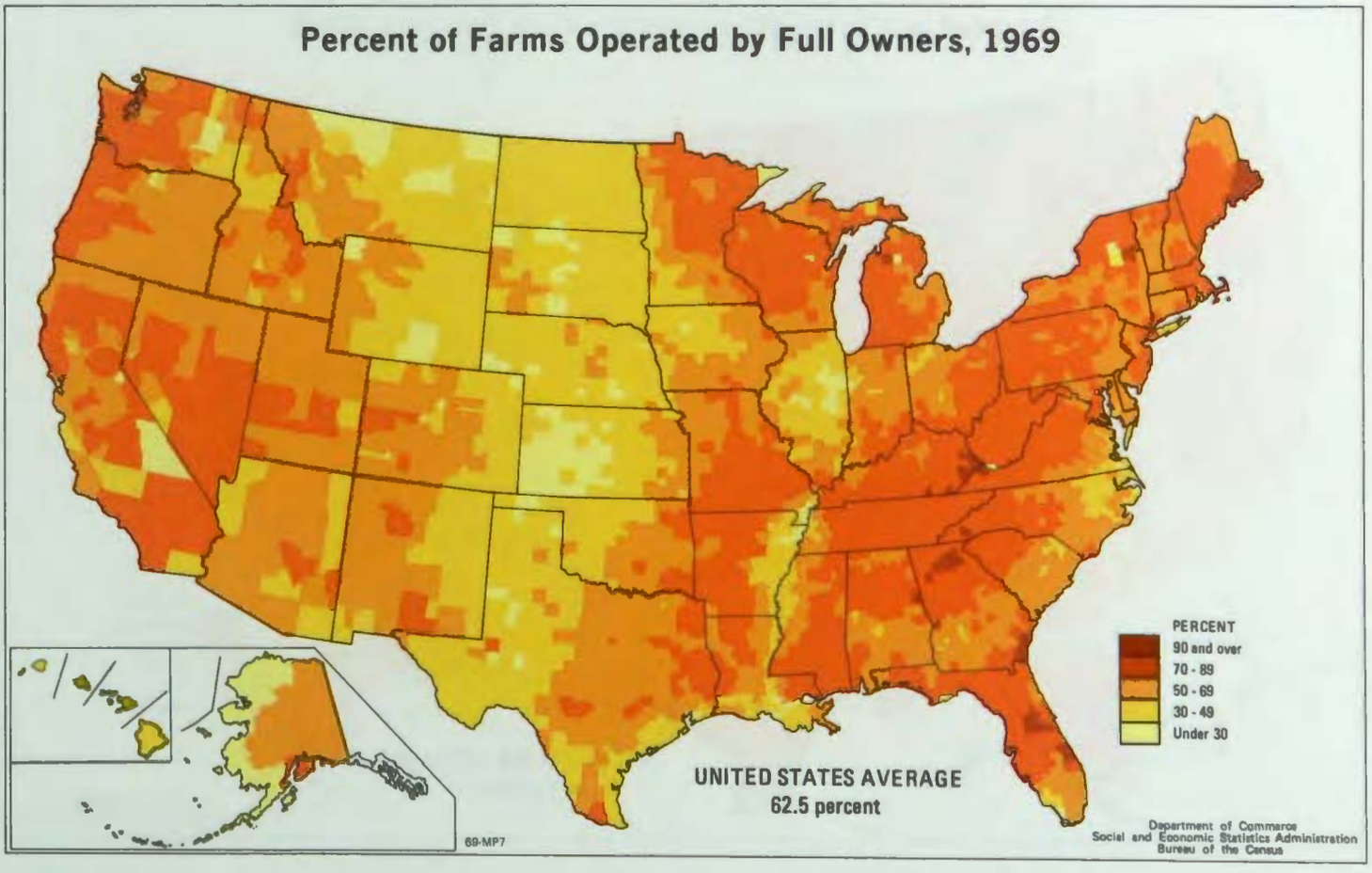

Class 6 Farms, 1969
(Sales of $50 to $2,499)
UNITED STATES
TOTAL
192,564
1 DOT - 100
69-M30
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

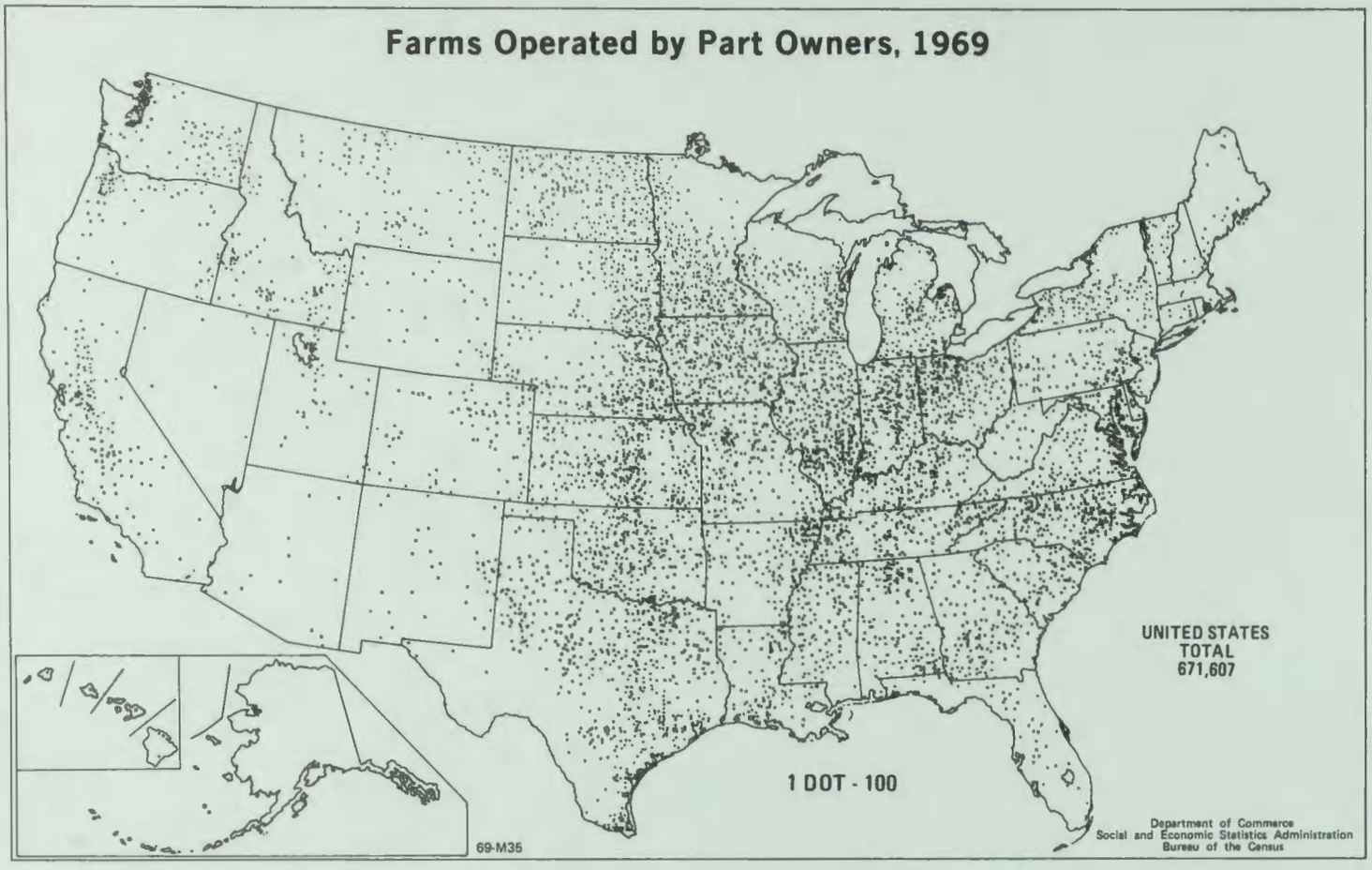

Part-Time Farms, 1969
UNITED STATES
TOTAL
574,546
1 DOT - 100
69-M31
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

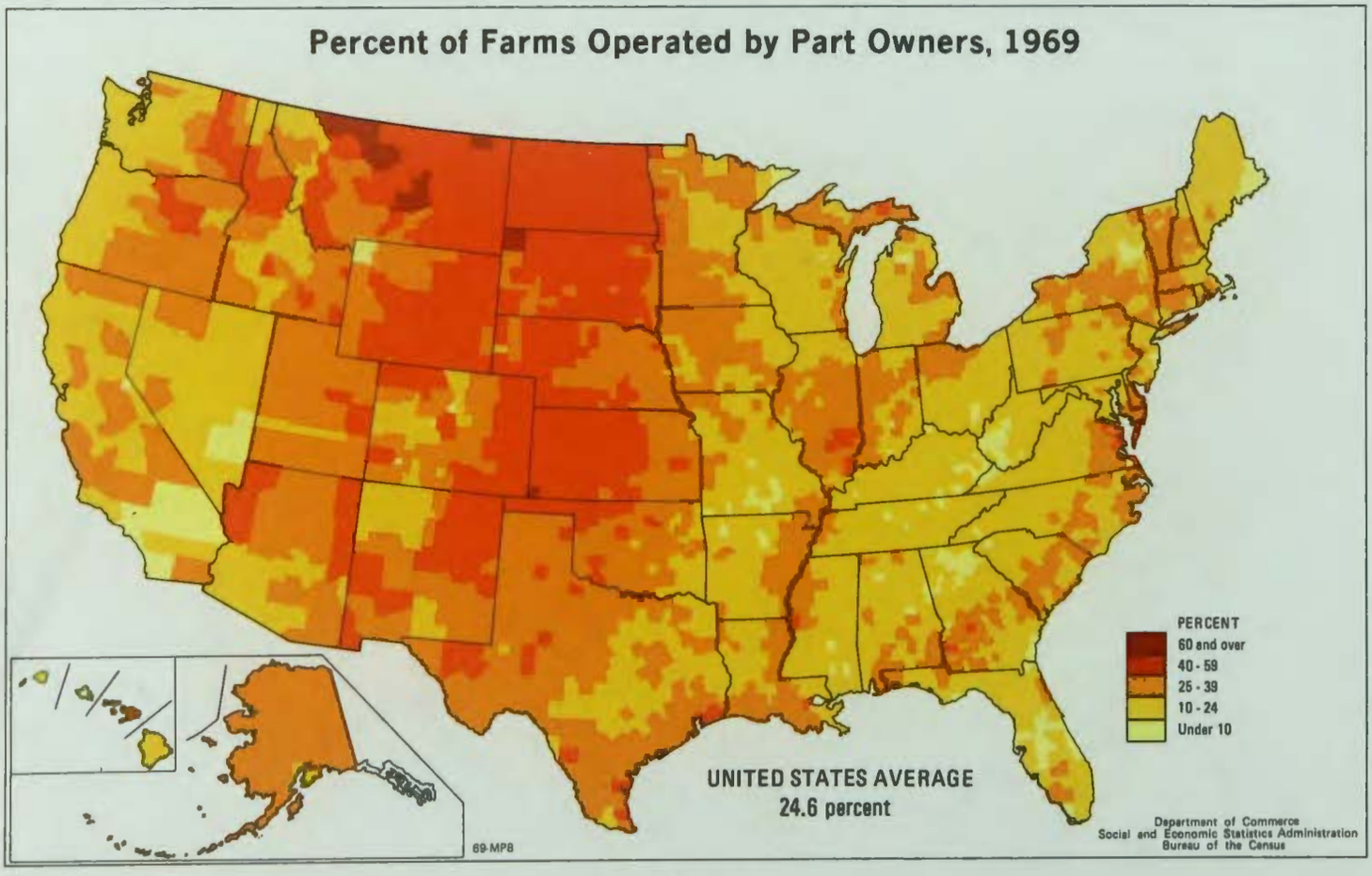

Part-Retirement Farms, 1969
UNITED STATES
TOTAL
227,346
1 DOT - 100
69-M32
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

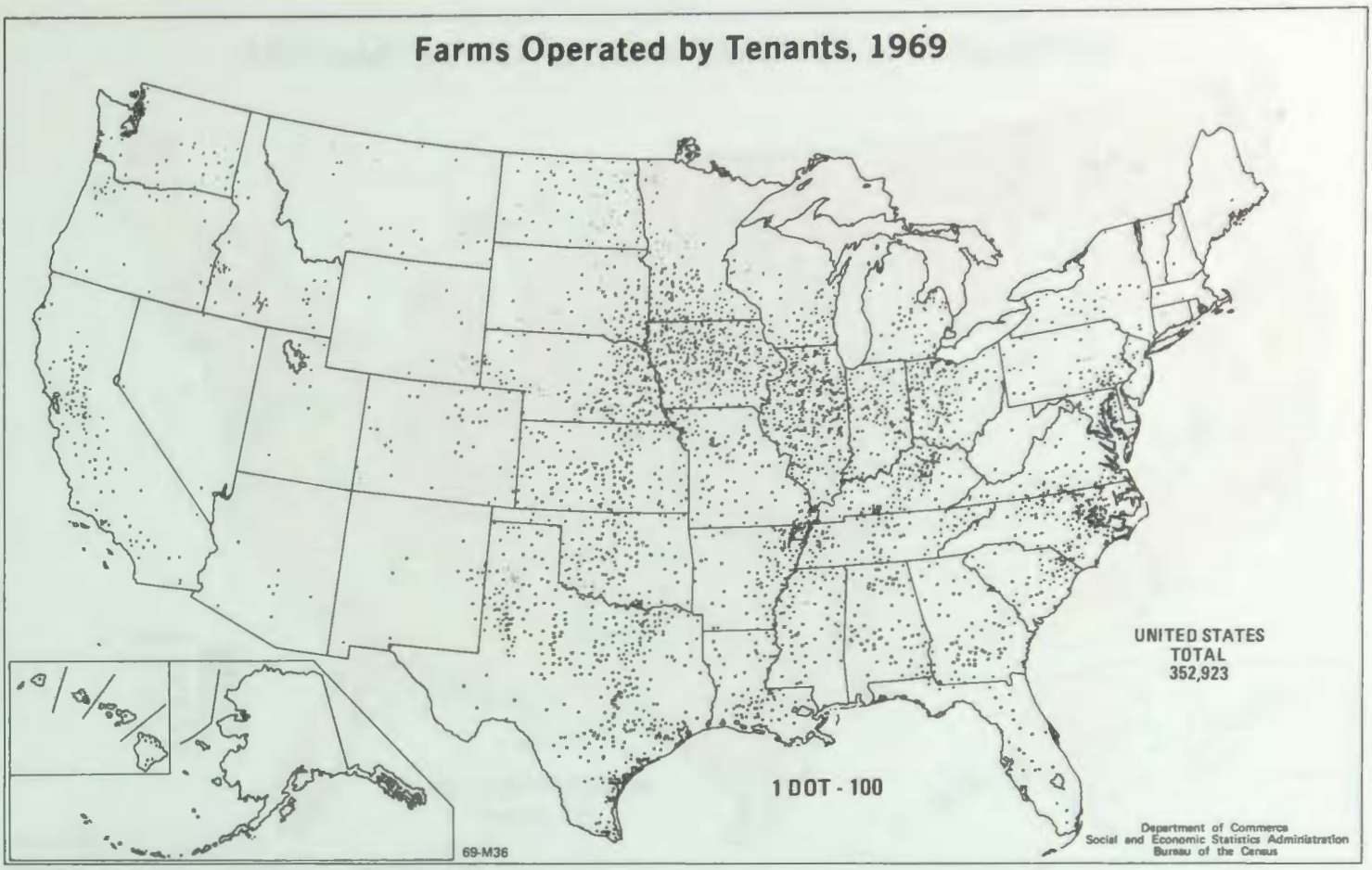

Farms With Sales of $10,000 and Over as a Percent of All Farms, 1969
PERCENT
50 and over
40 - 49
30 - 39
20 - 29
Under 20
UNITED STATES AVERAGE
34.7 percent
69-MP61
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

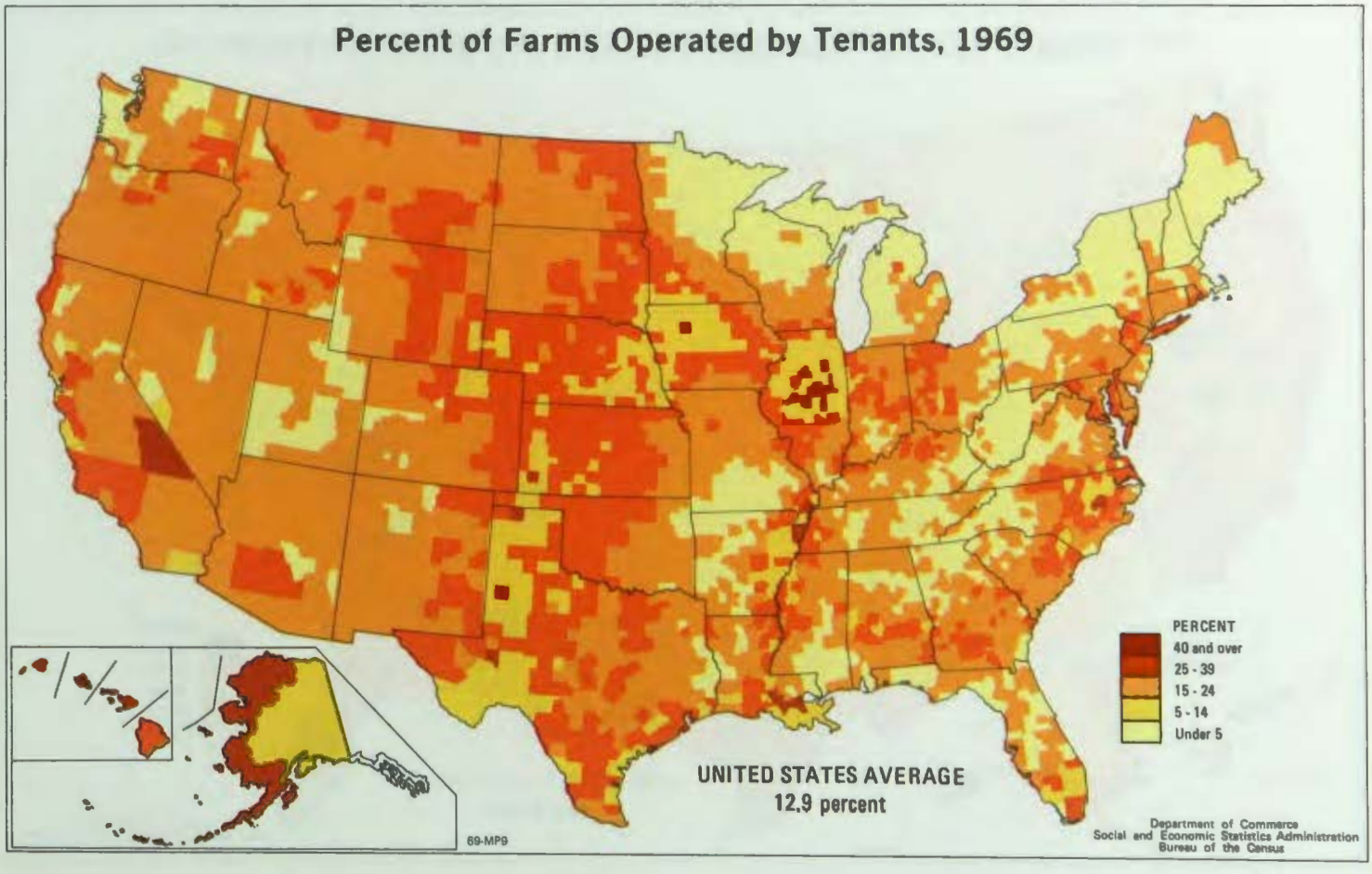

Farms Operated by Full Owners, 1969
UNITED STATES
TOTAL
1,705,720
1 DOT - 200
69-M34
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

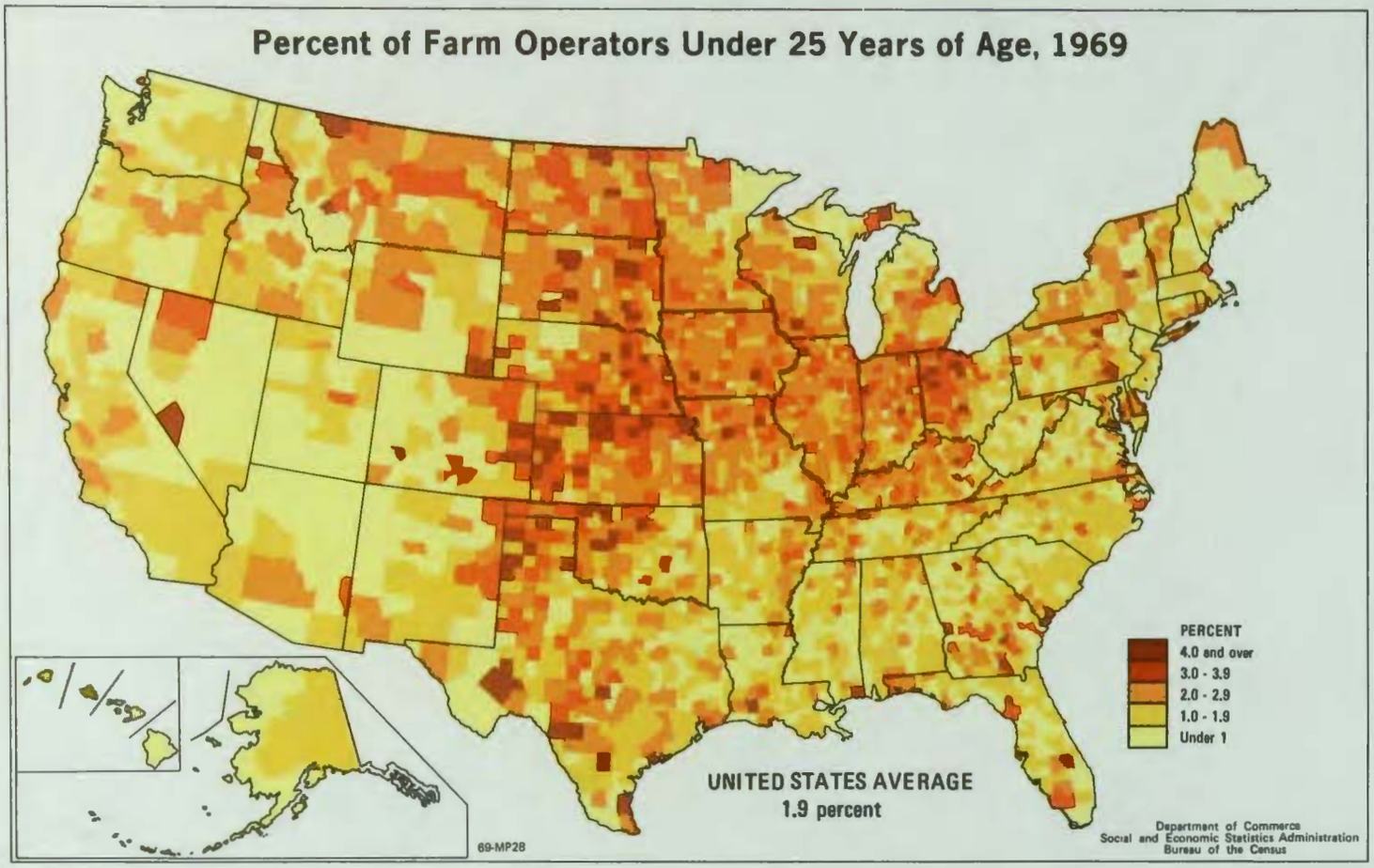

Percent of Farms Operated by Full Owners, 1969
PERCENT
90 and over
70 - 89
50 - 69
30 - 49
Under 30
UNITED STATES AVERAGE
62.5 percent
69-MP7
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

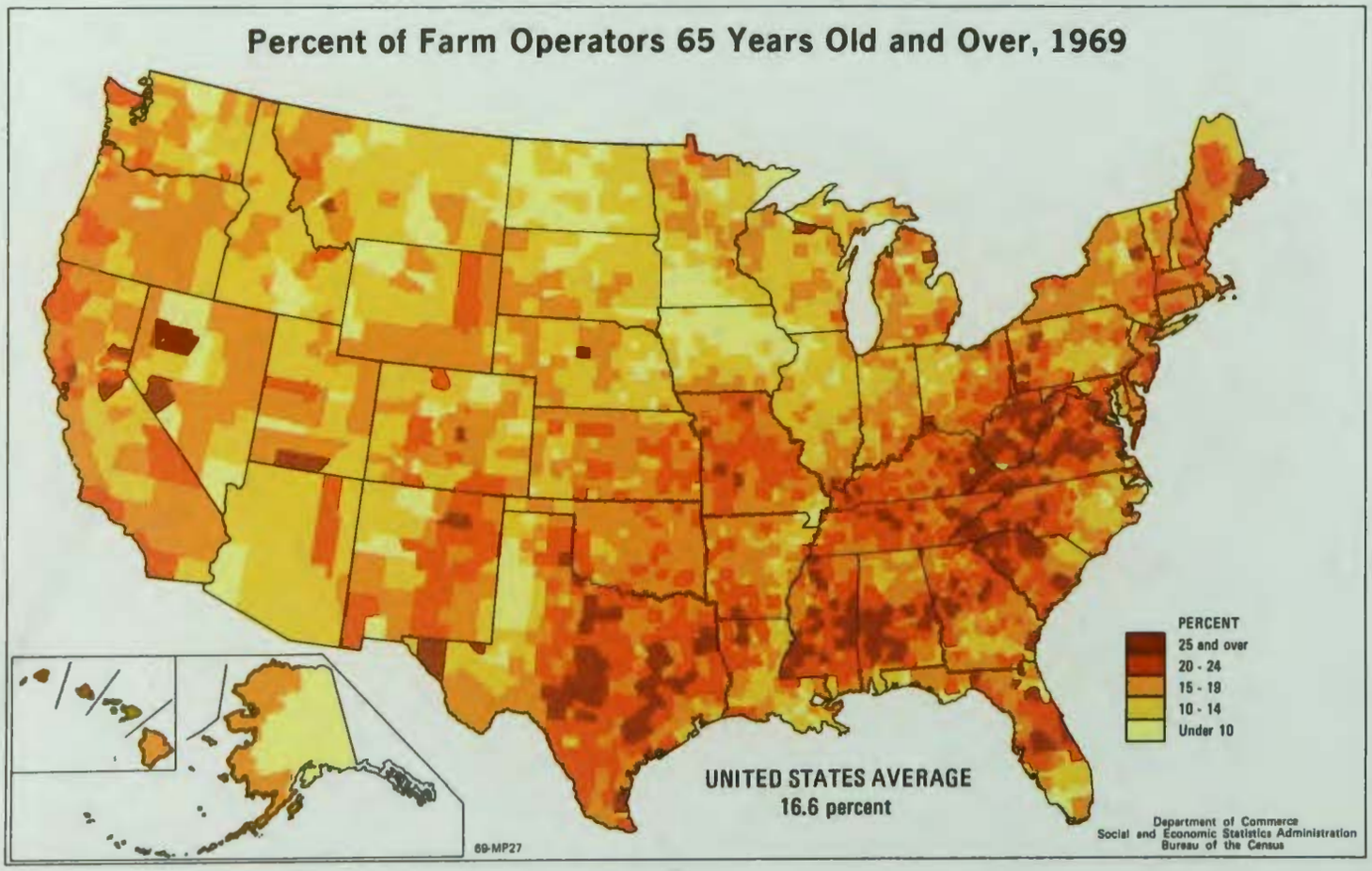

Farms Operated by Part Owners, 1969
UNITED STATES
TOTAL
671,607
1 DOT - 100
69-M35
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Percent of Farms Operated by Part Owners, 1969
PERCENT
60 and over
40 - 59
25 - 39
10 - 24
Under 10
UNITED STATES AVERAGE
24.6 percent
69-MP8
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

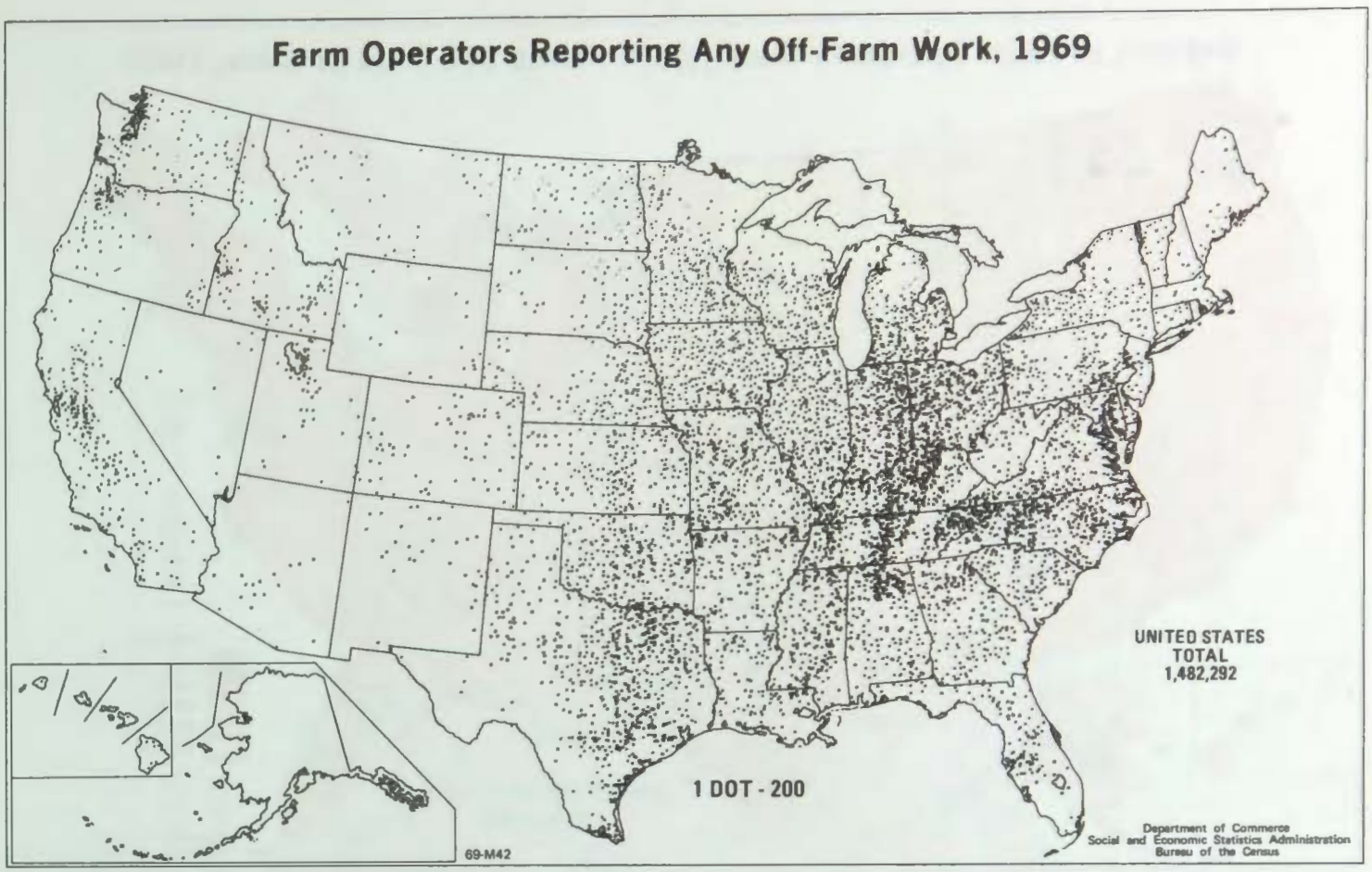

Farms Operated by Tenants, 1969
UNITED STATES
TOTAL
352,923
1 DOT - 100
69-M36
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Percent of Farms Operated by Tenants, 1969
PERCENT
40 and over
25 - 39
15 - 24
5 - 14
Under 5
UNITED STATES AVERAGE
12.9 percent
69-MP9
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

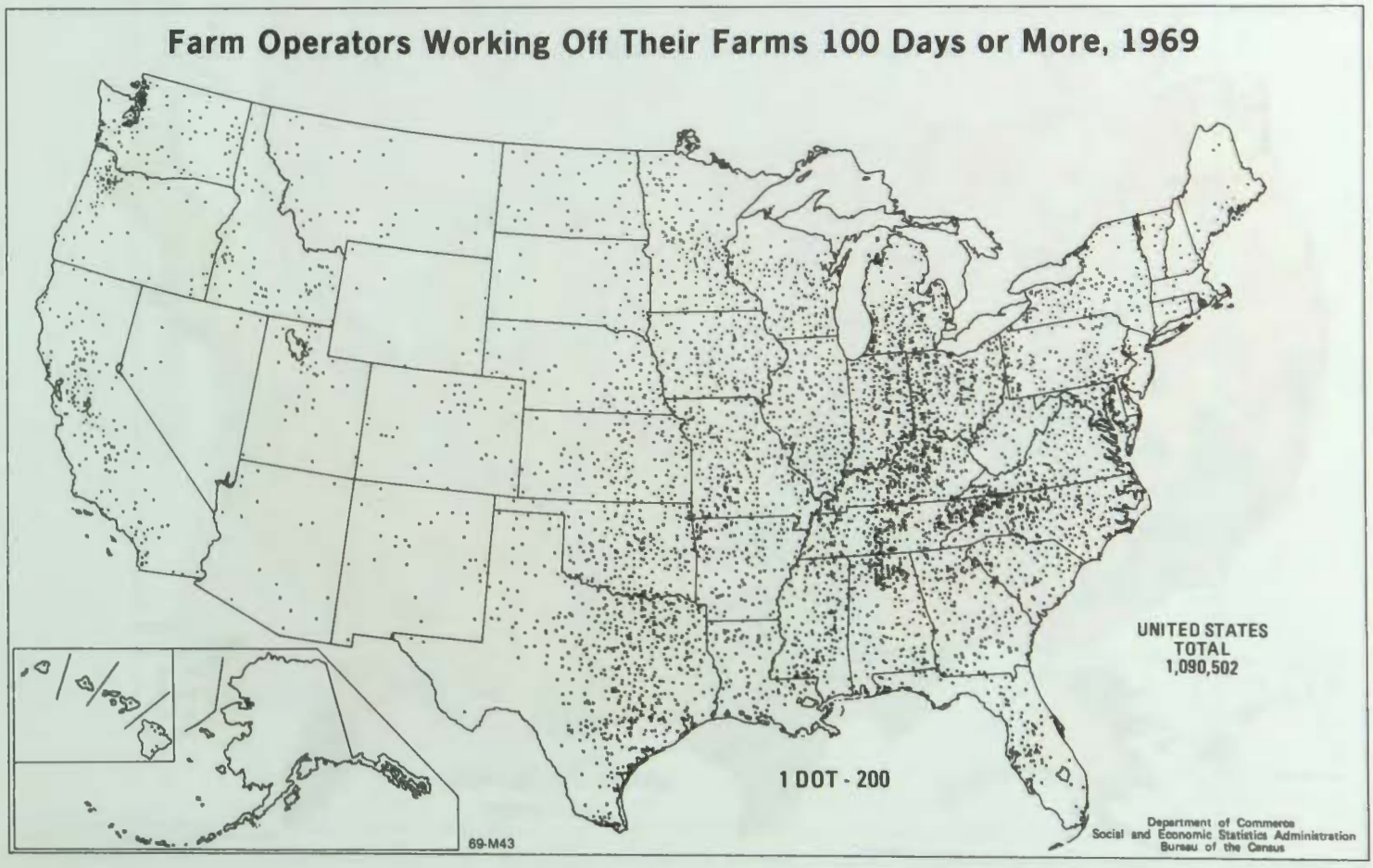

Percent of Farm Operators Under 25 Years of Age, 1969
PERCENT
4.0 and over
3.0 - 3.9
2.0 - 2.9
1.0 - 1.9
Under 1
UNITED STATES AVERAGE
1.9 percent
69-MP28
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

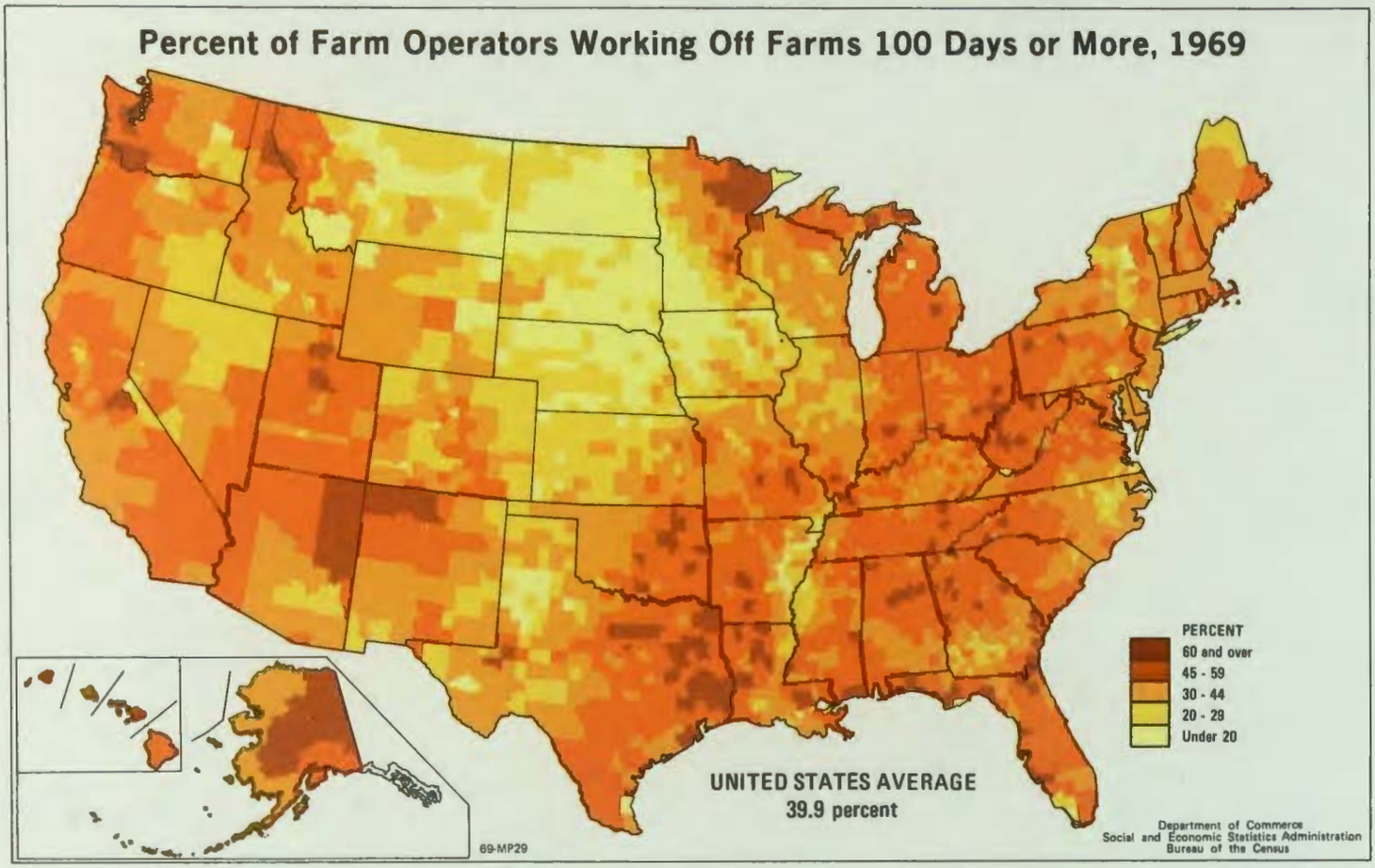

Percent of Farm Operators 65 Years Old and Over, 1969
PERCENT
25 and over
20 - 24
15 - 19
10 - 14
Under 10
UNITED STATES AVERAGE
16.6 percent
69-MP27
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

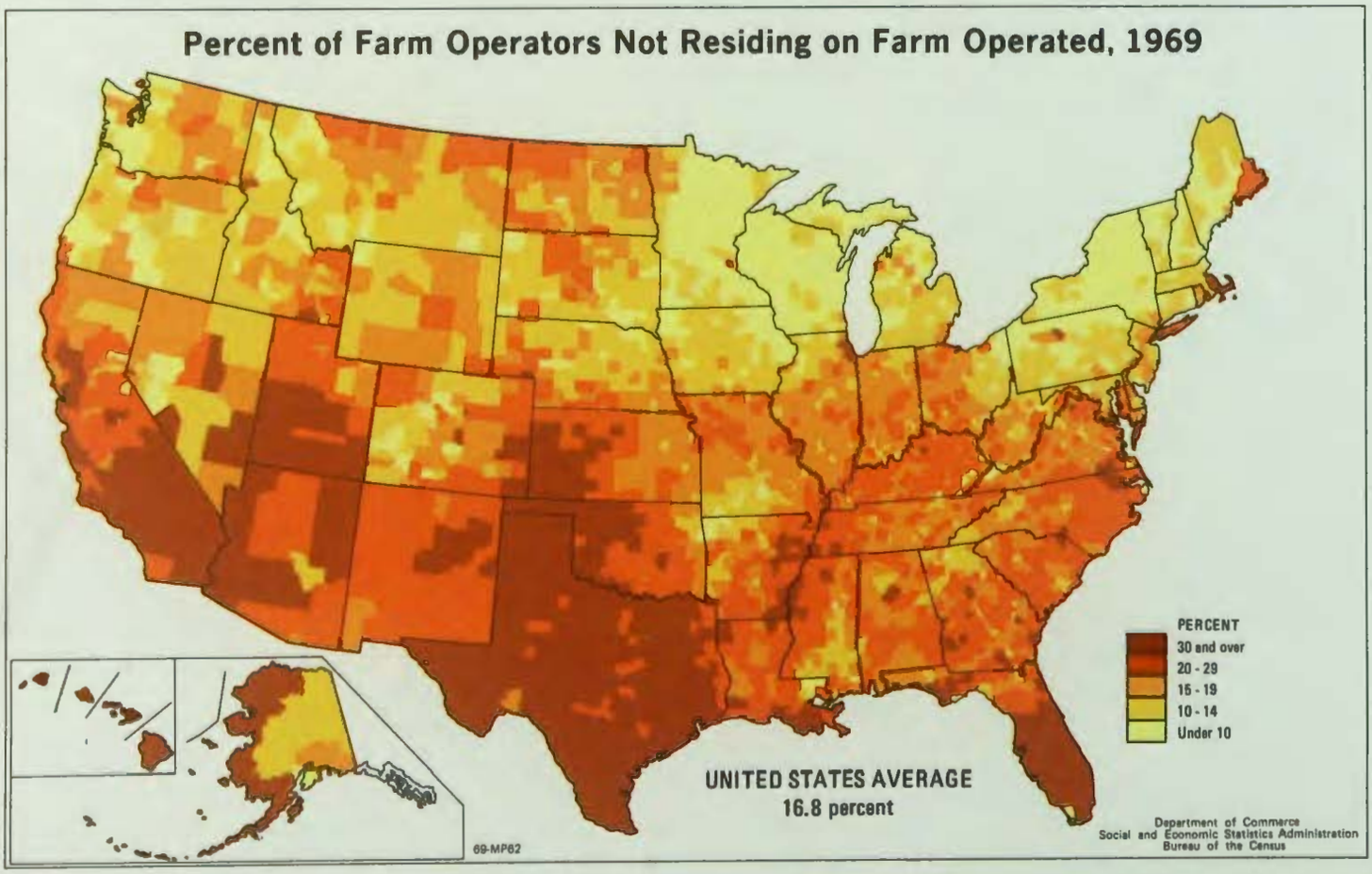
Farm Operators Reporting Any Off-Farm Work, 1969

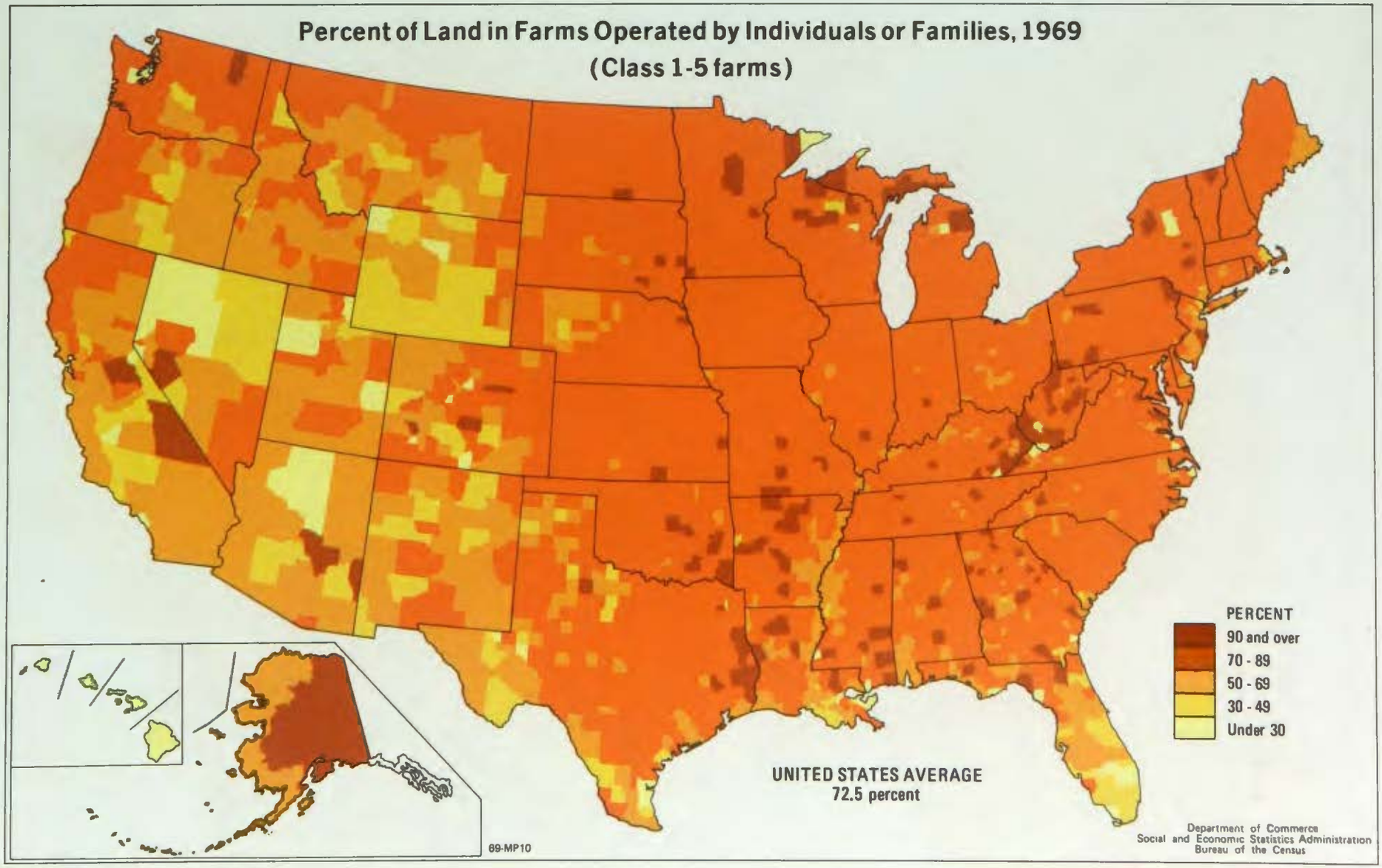


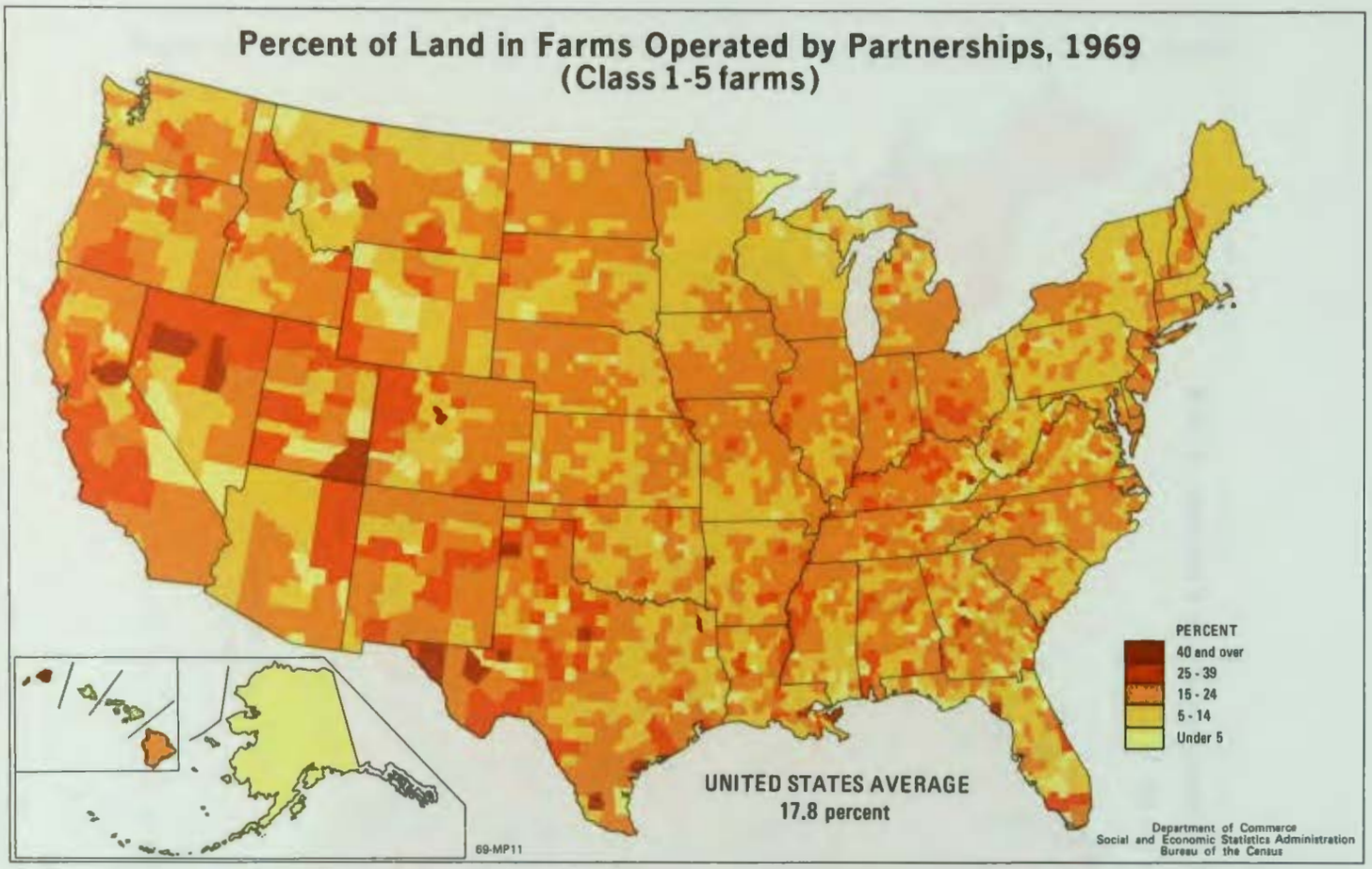
Farm Operators Working Off Their Farms 100 Days or More, 1969

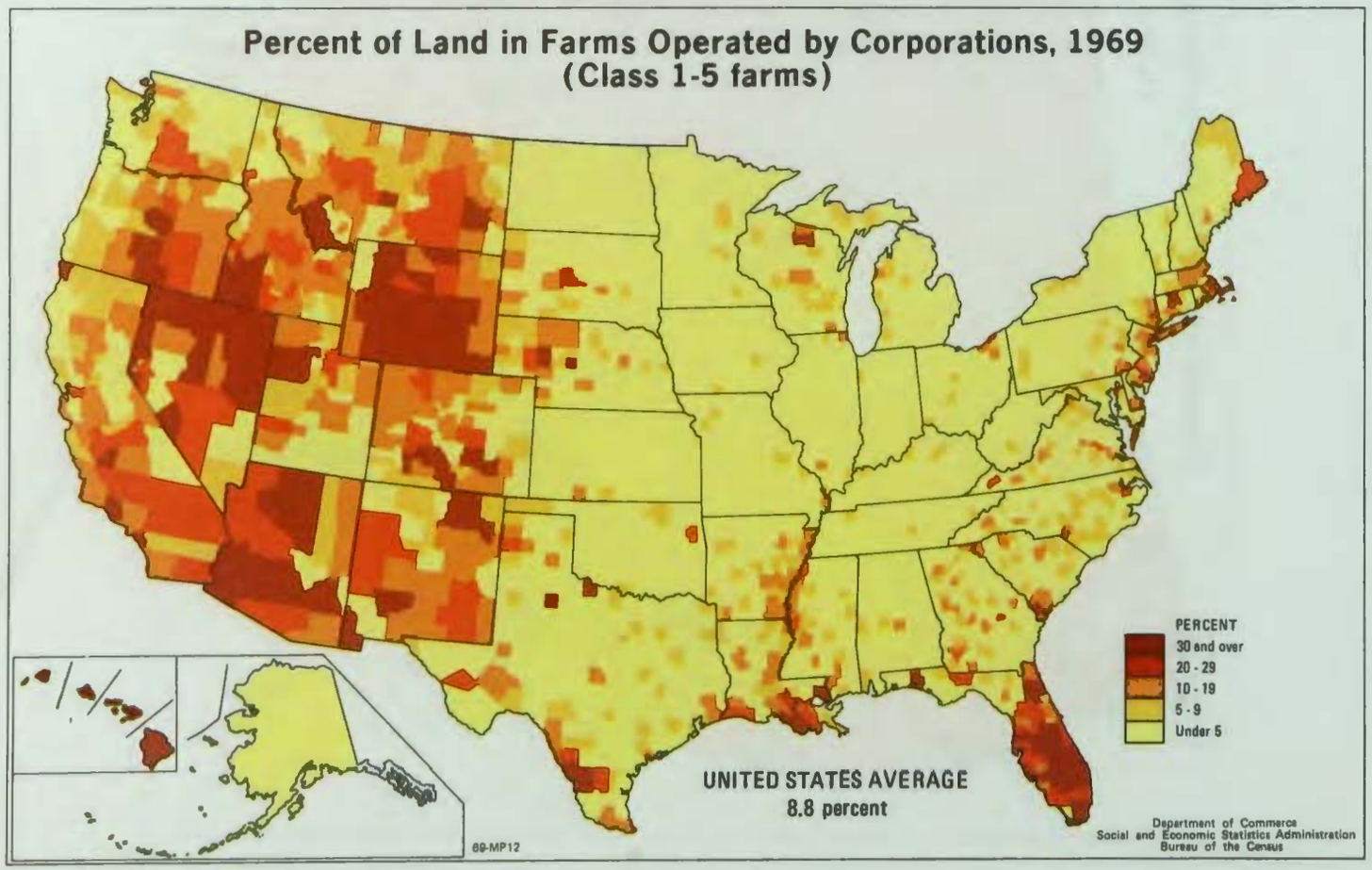


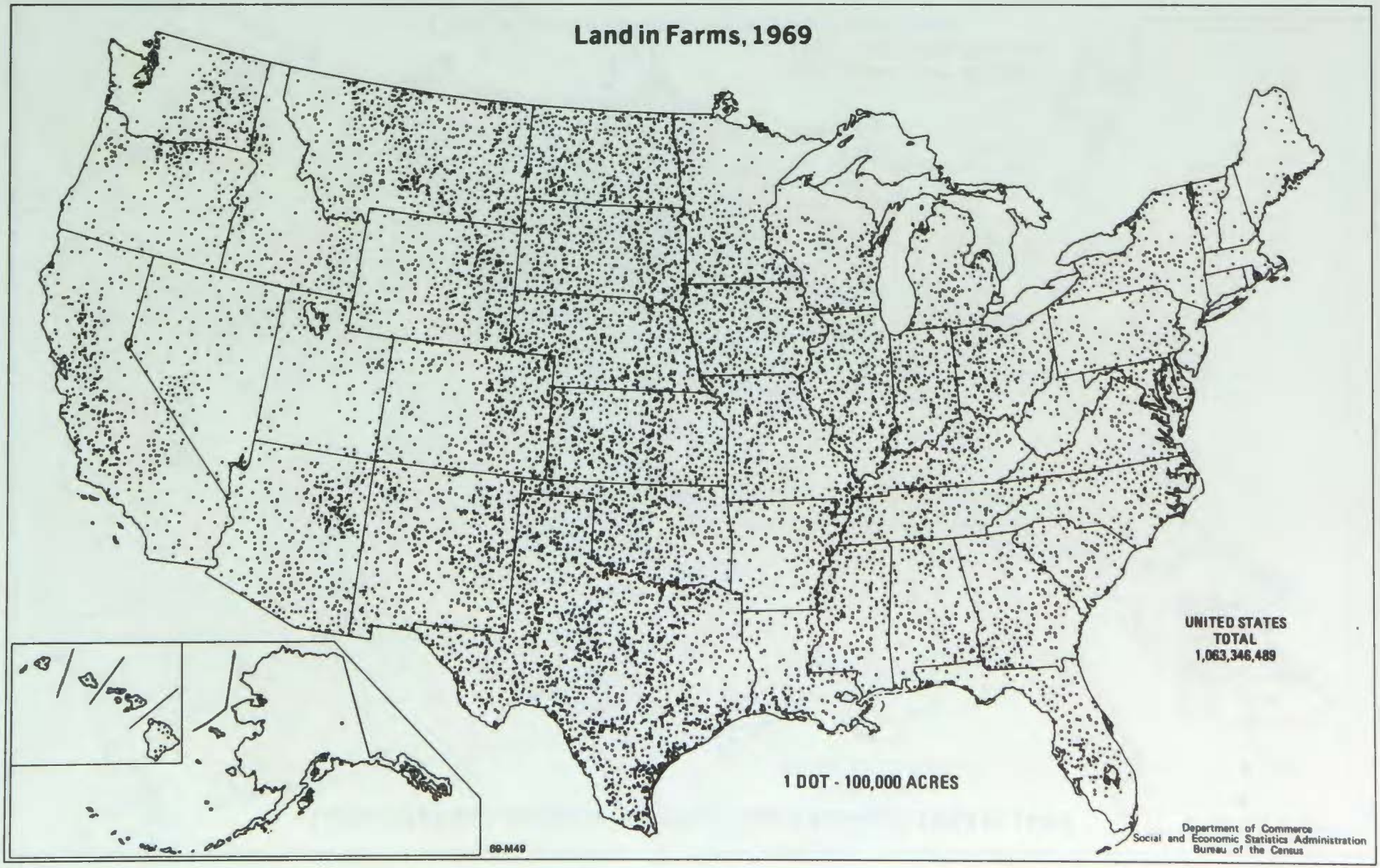

Percent of Farm Operators Working Off Farms 100 Days or More, 1969
PERCENT
60 and over
45 - 59
30 - 44
20 - 29
Under 20
UNITED STATES AVERAGE
39.9 percent
69-MP29
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

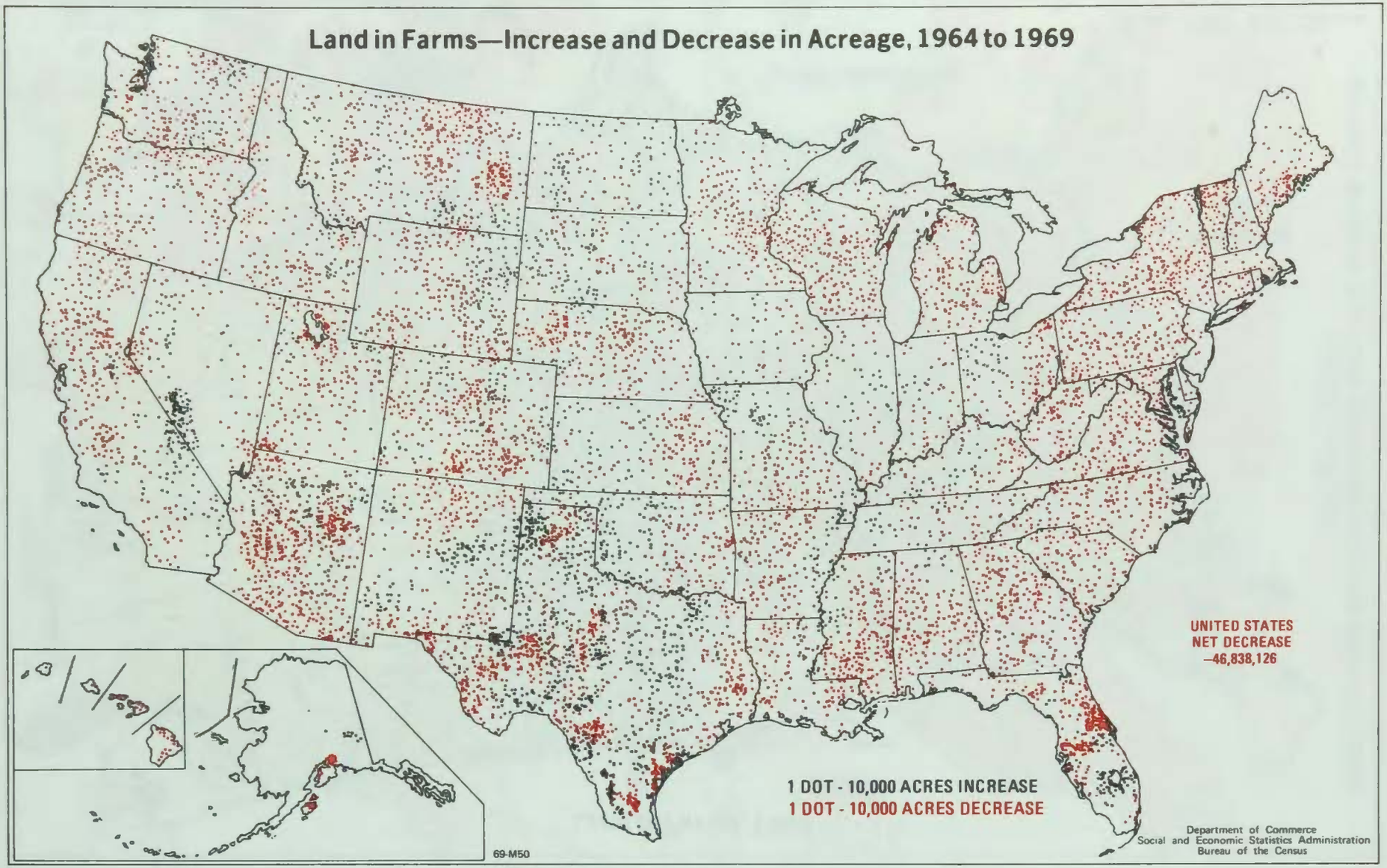

Percent of Farm Operators Not Residing on Farm Operated, 1969
PERCENT
30 and over
20 - 29
15 - 19
10 - 14
Under 10
UNITED STATES AVERAGE
16.8 percent
69-MP62
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

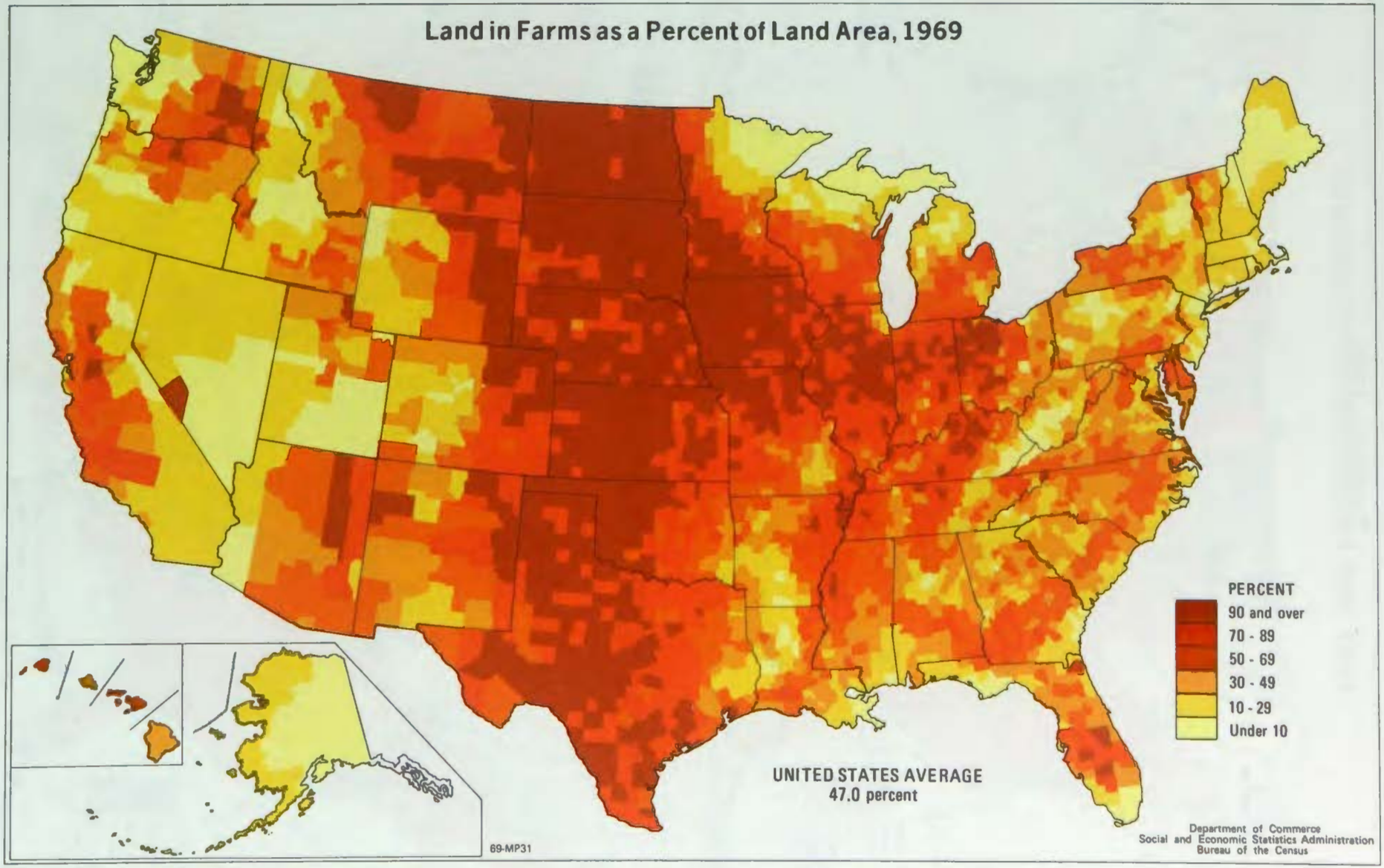

Percent of Land in Farms Operated by Individuals or Families, 1969
(Class 1-5 farms)
PERCENT
90 and over
70 - 89
50 - 69
30 - 49
Under 30
UNITED STATES AVERAGE
72.5 percent
69-MP10
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

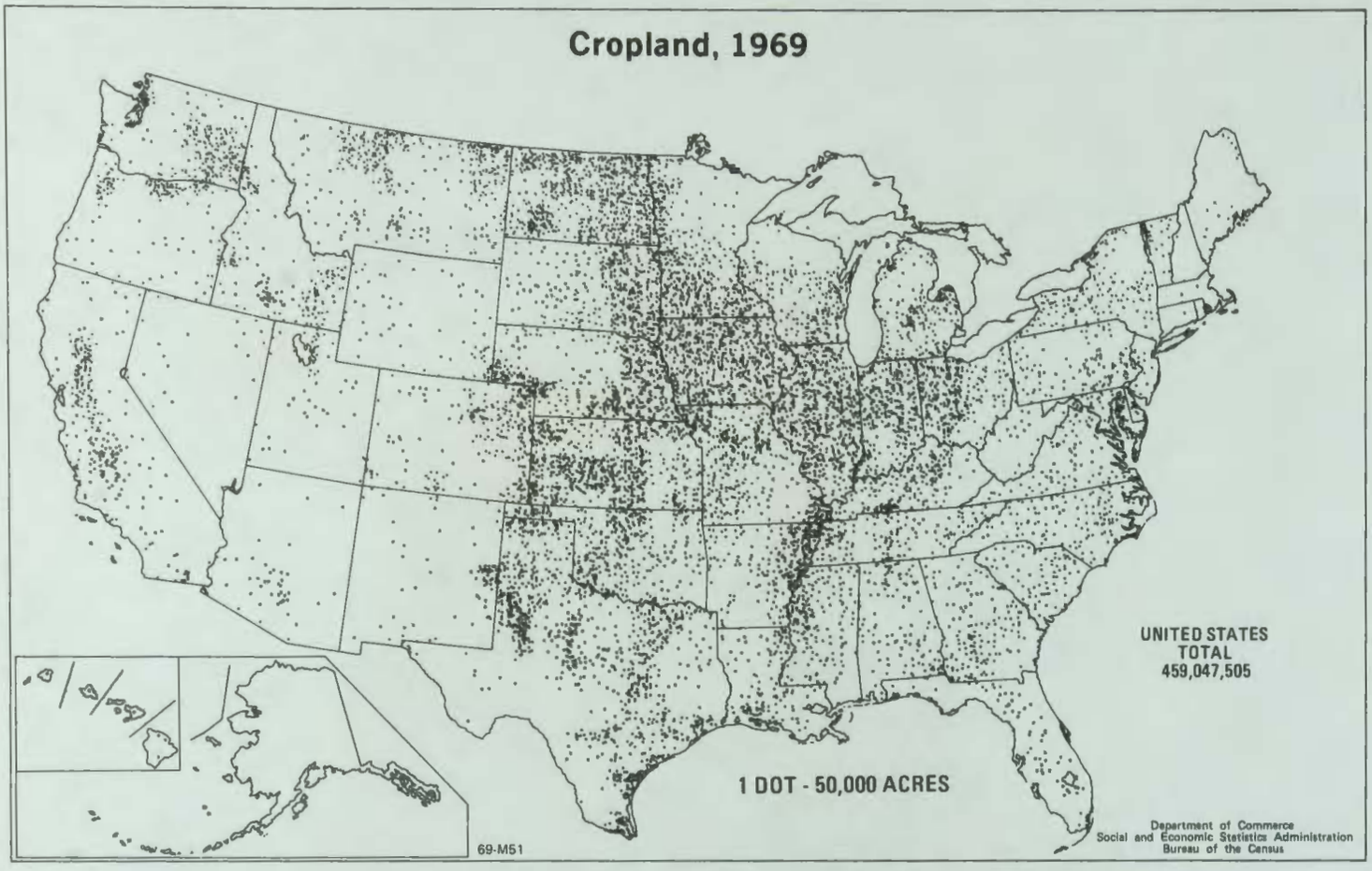

Percent of Land in Farms Operated by Partnerships, 1969
(Class 1-5 farms)
PERCENT
40 and over
25 - 39
15 - 24
5 - 14
Under 5
UNITED STATES AVERAGE
17.8 percent
69-MP11
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

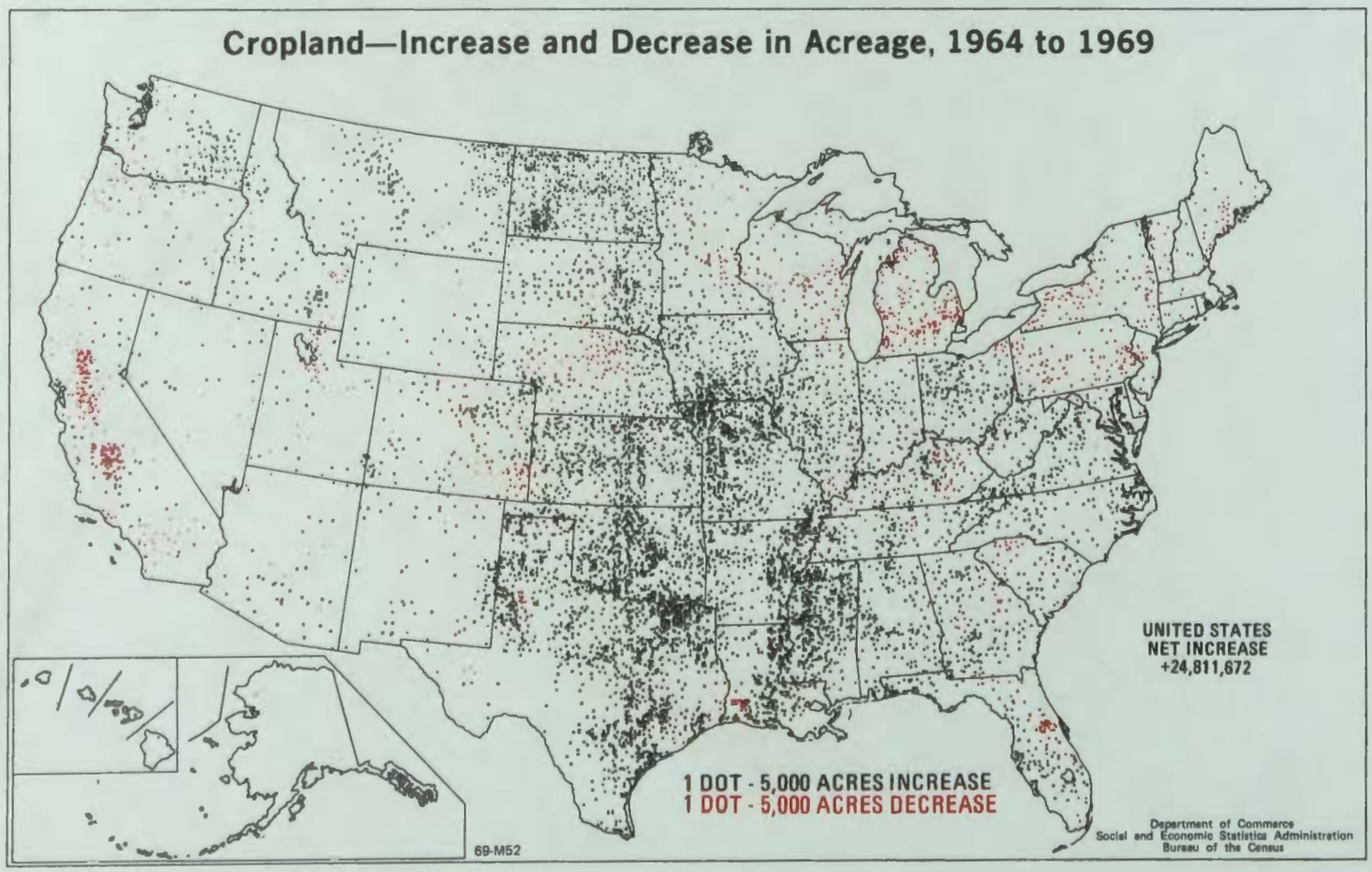

Percent of Land in Farms Operated by Corporations, 1969
(Class 1-5 farms)
PERCENT
30 and over
20 - 29
10 - 19
5 - 9
Under 5
UNITED STATES AVERAGE
8.8 percent
69-MP12
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

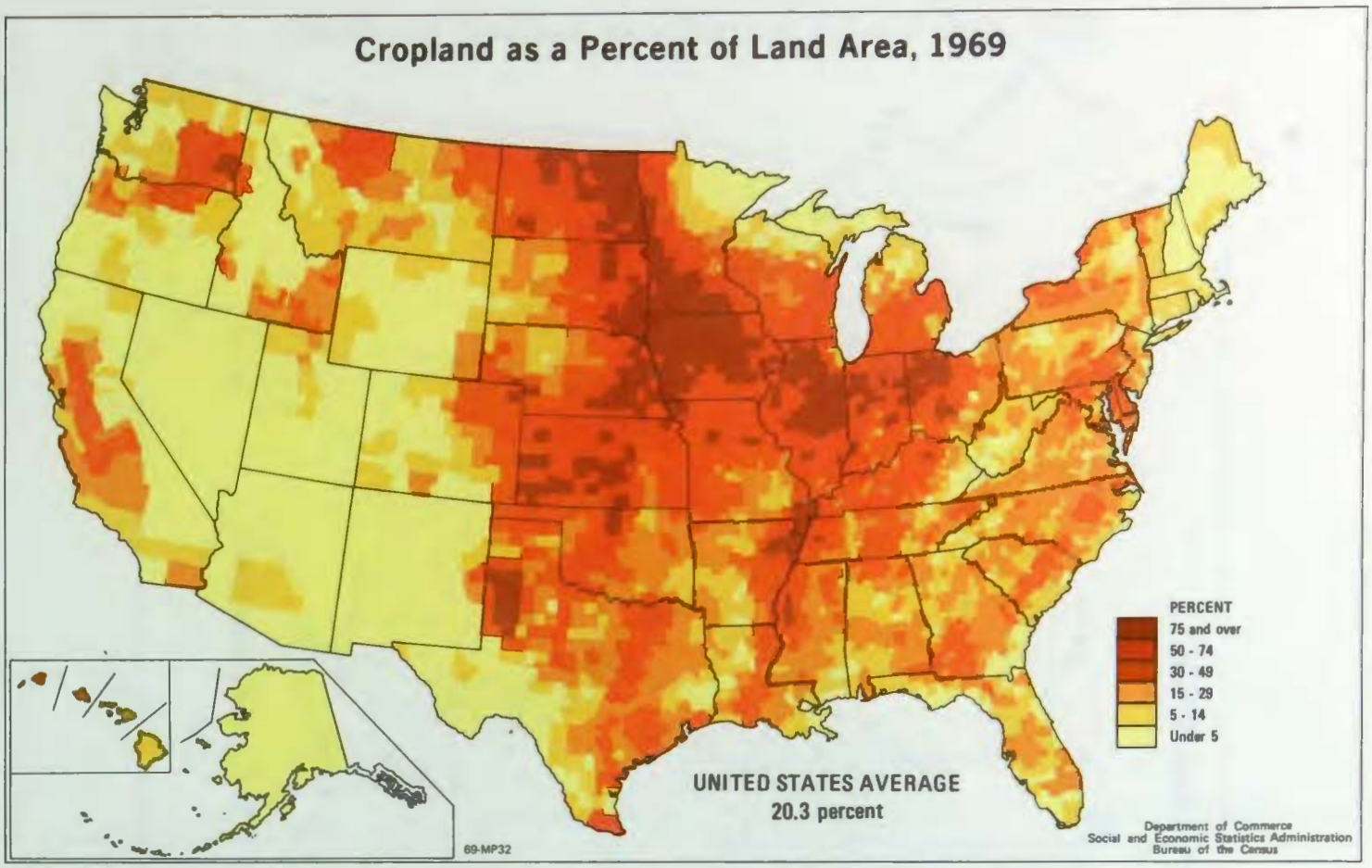

Land in Farms, 1969
UNITED STATES
TOTAL
1,063,346,489
1 DOT - 100,000 ACRES
69-M49
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

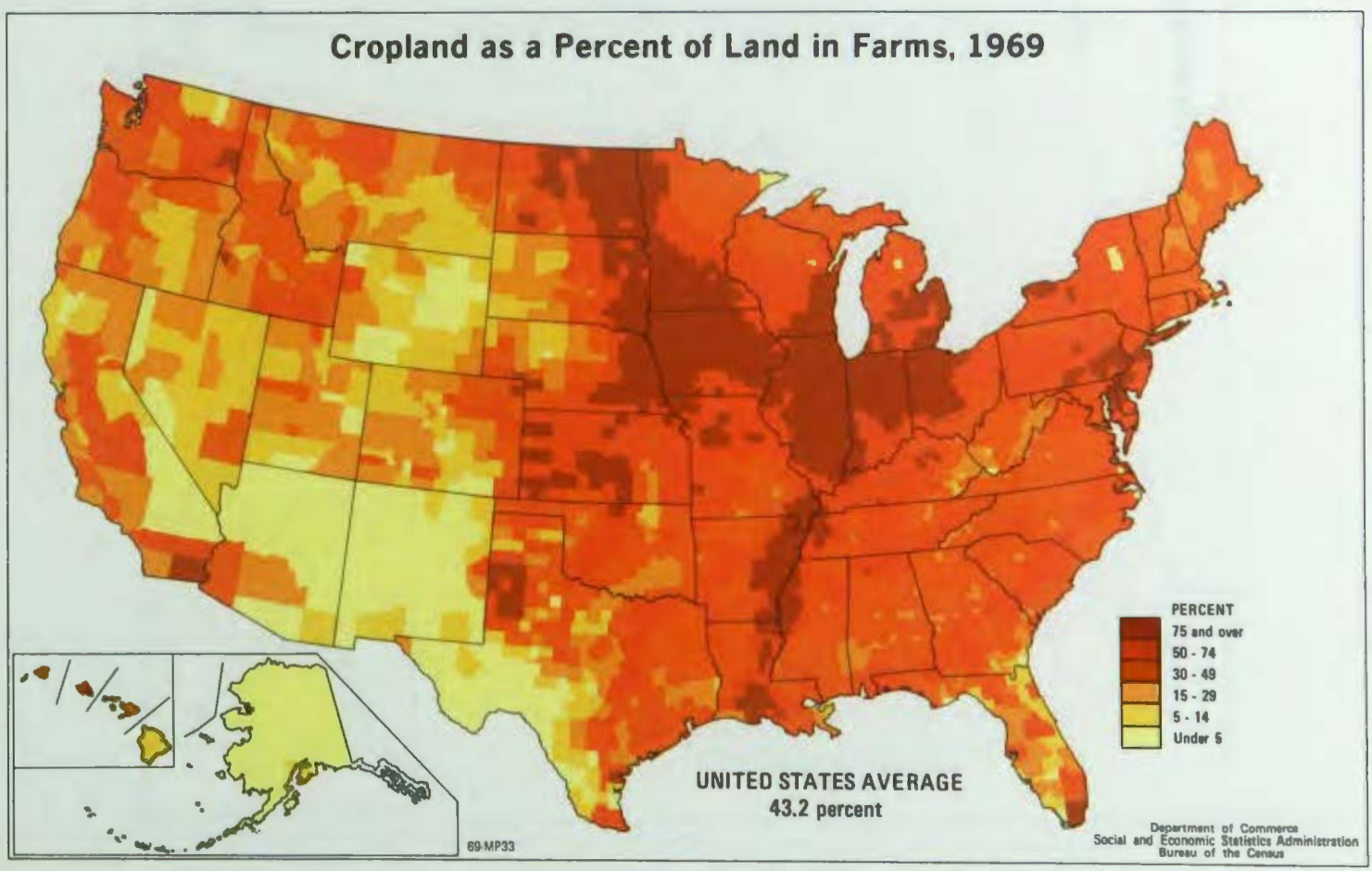

Land in Farms—Increase and Decrease in Acreage, 1964 to 1969
UNITED STATES
NET DECREASE
–46,838,126
1 DOT - 10,000 ACRES INCREASE
1 DOT - 10,000 ACRES DECREASE
69-M50
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

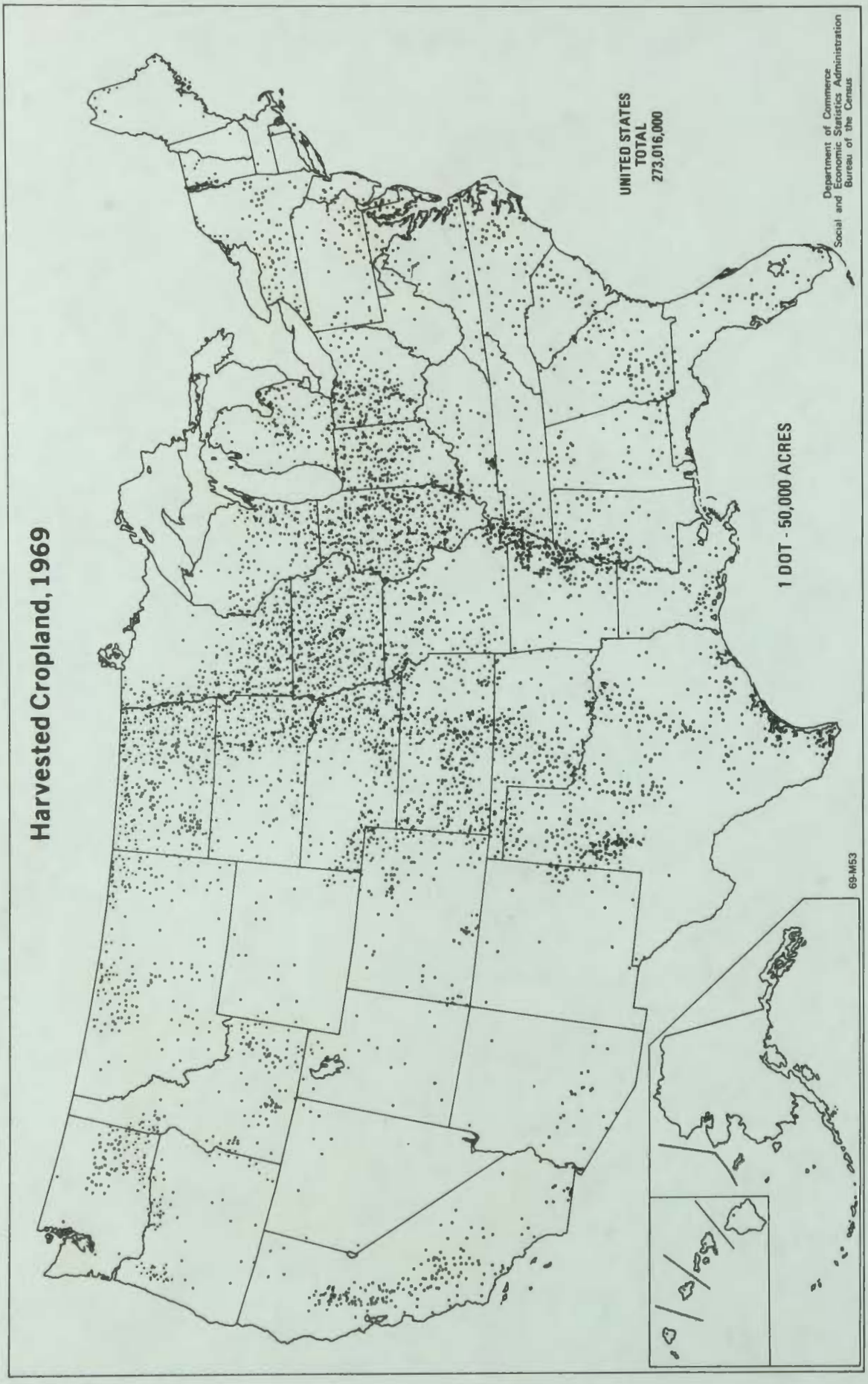

Land in Farms as a Percent of Land Area, 1969
PERCENT
90 and over
70 - 89
50 - 69
30 - 49
10 - 29
Under 10
UNITED STATES AVERAGE
47.0 percent
69-MP31
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Cropland, 1969
UNITED STATES
TOTAL
459,047,505
1 DOT - 50,000 ACRES
69-M51
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

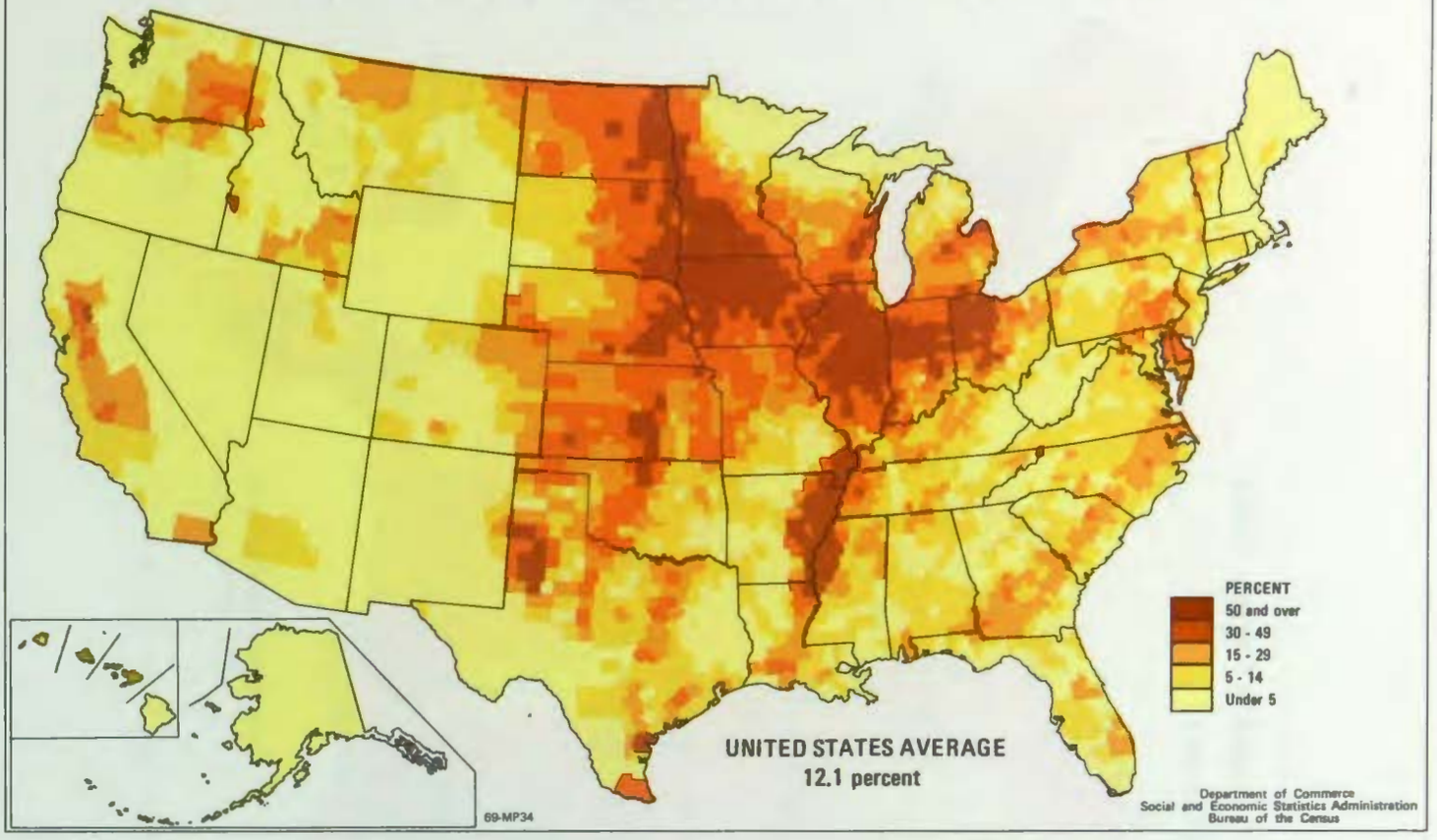

Cropland—Increase and Decrease in Acreage, 1964 to 1969
UNITED STATES
NET INCREASE
+24,811,672
1 DOT - 5,000 ACRES INCREASE
1 DOT - 5,000 ACRES DECREASE
69-M52
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Cropland as a Percent of Land Area, 1969
PERCENT
75 and over
50 - 74
30 - 49
15 - 29
5 - 14
Under 5
UNITED STATES AVERAGE
20.3 percent
69-MP32
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

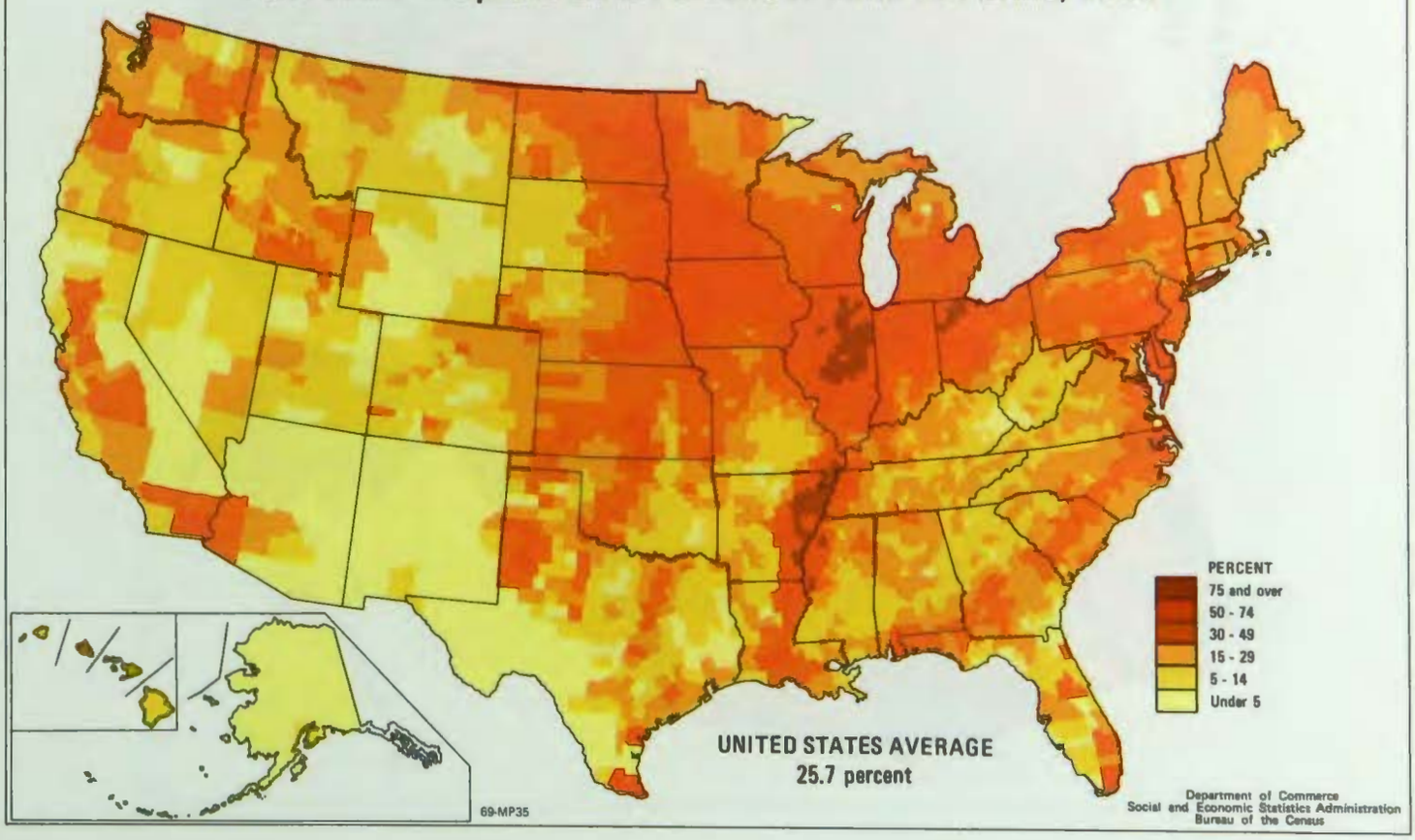

Cropland as a Percent of Land in Farms, 1969
PERCENT
75 and over
50 - 74
30 - 49
15 - 29
5 - 14
Under 5
UNITED STATES AVERAGE
43.2 percent
69-MP33
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

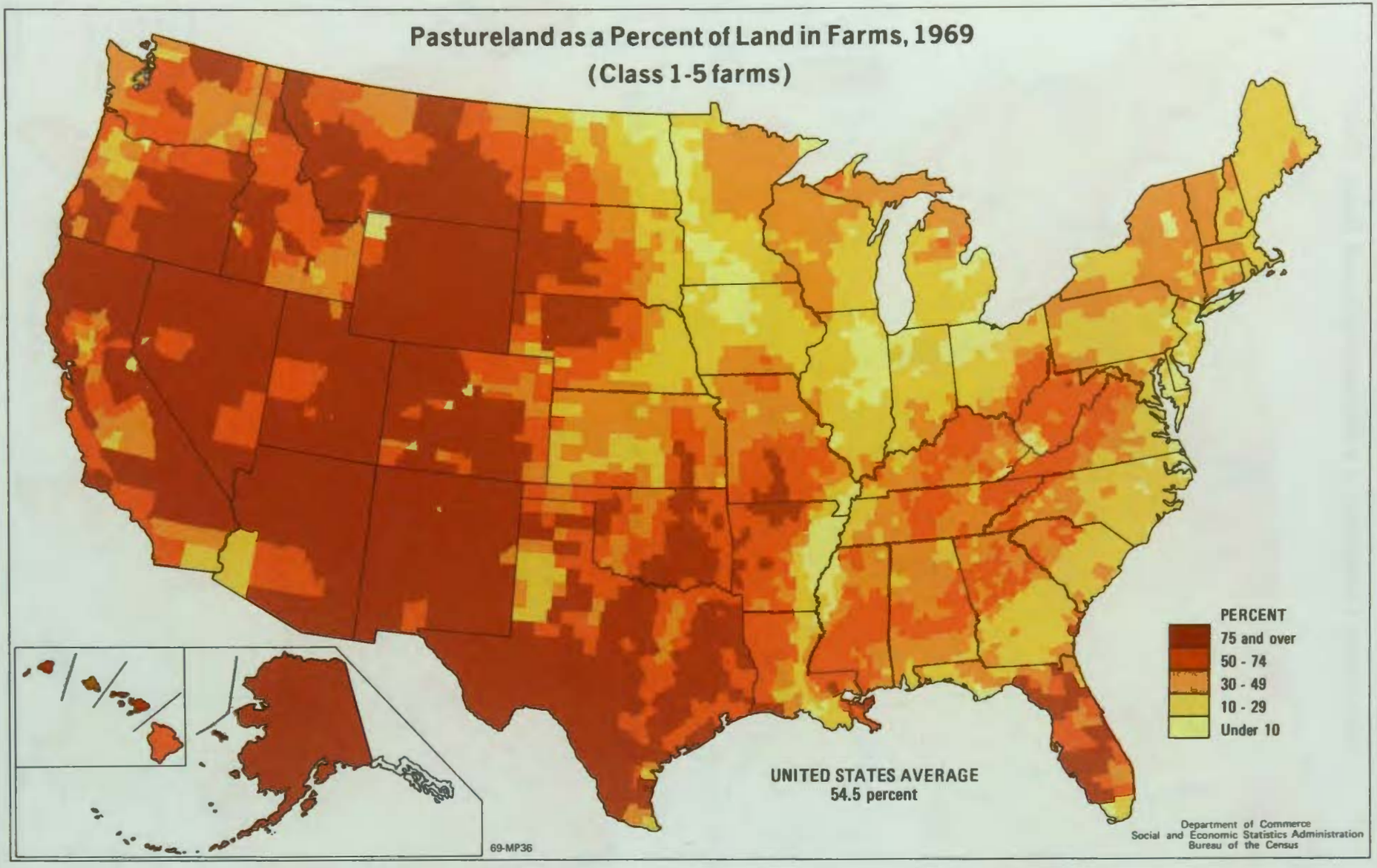

Harvested Cropland, 1969
UNITED STATES
TOTAL
273,016,000
1 DOT - 50,000 ACRES
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census
69-M53

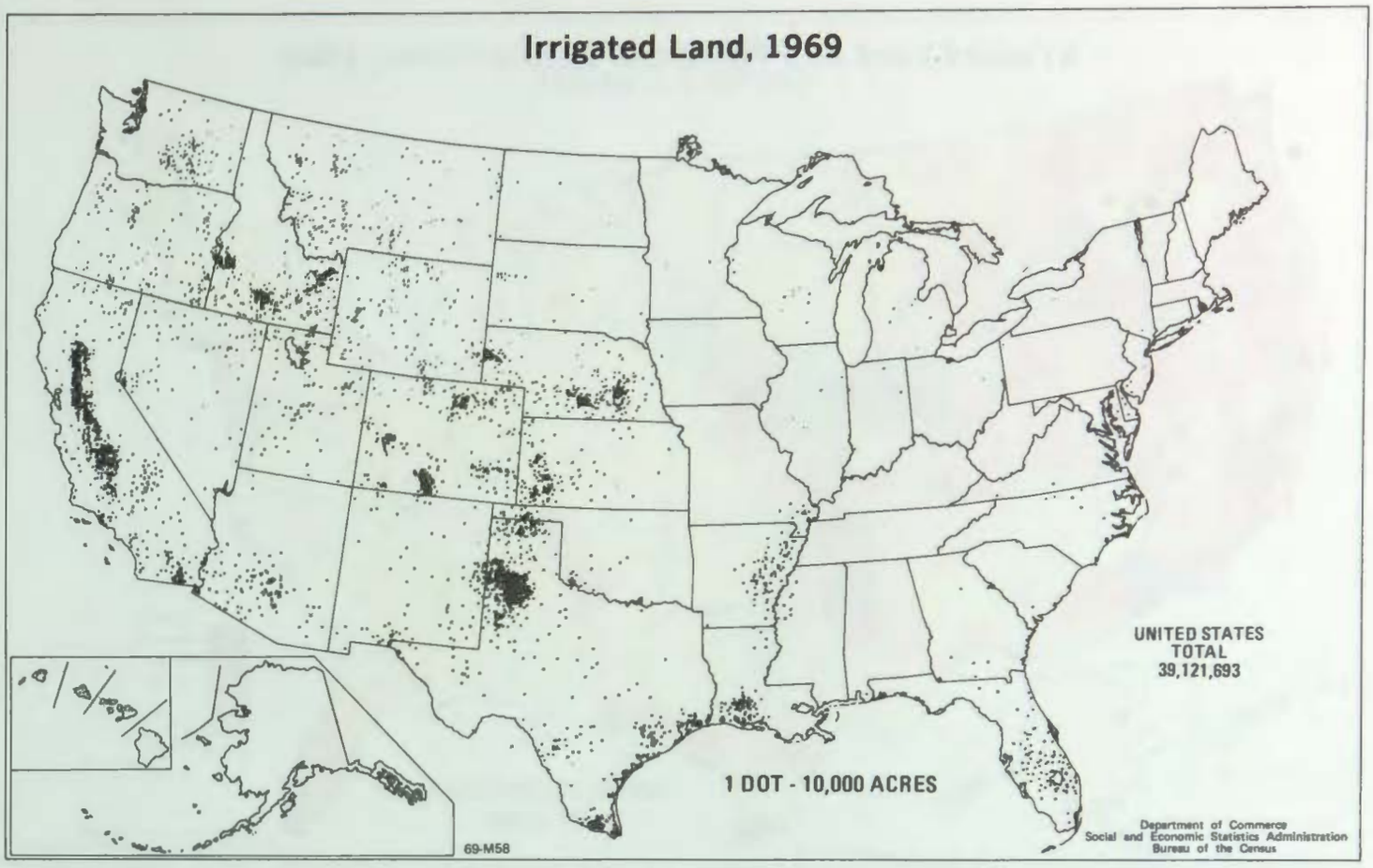
Harvested Cropland as a Percent of Land Area, 1969

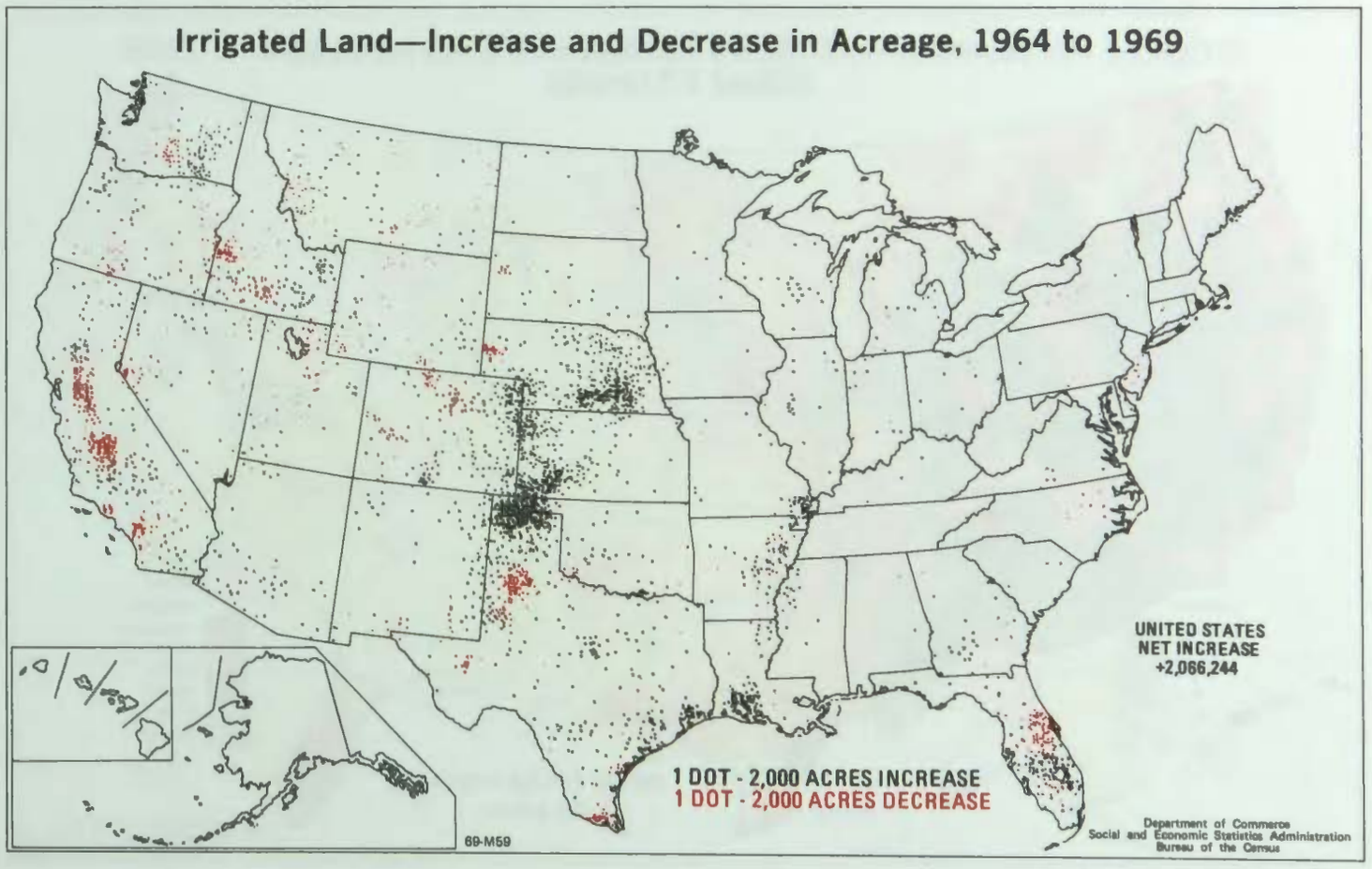


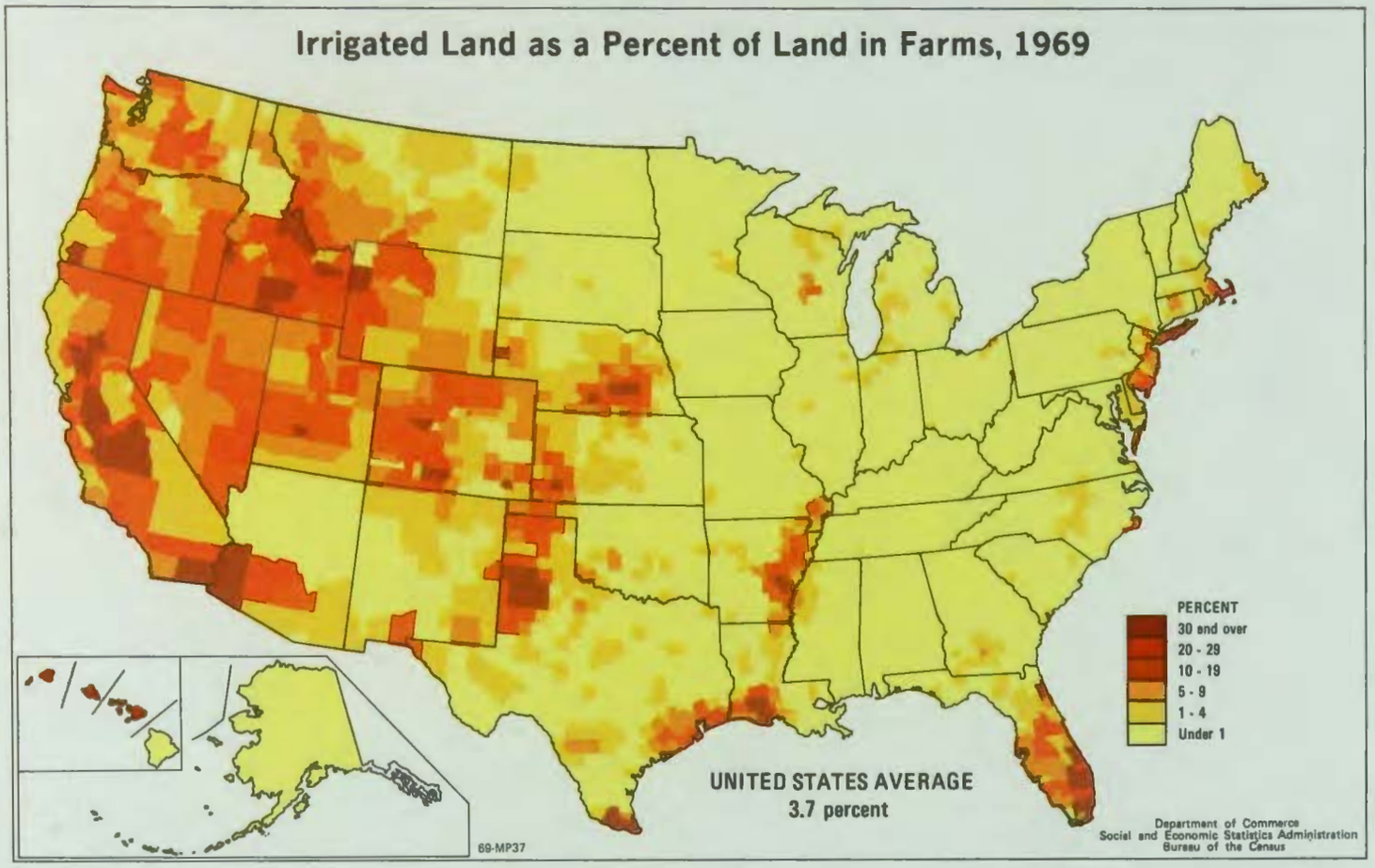
Harvested Cropland as a Percent of Land in Farms, 1969

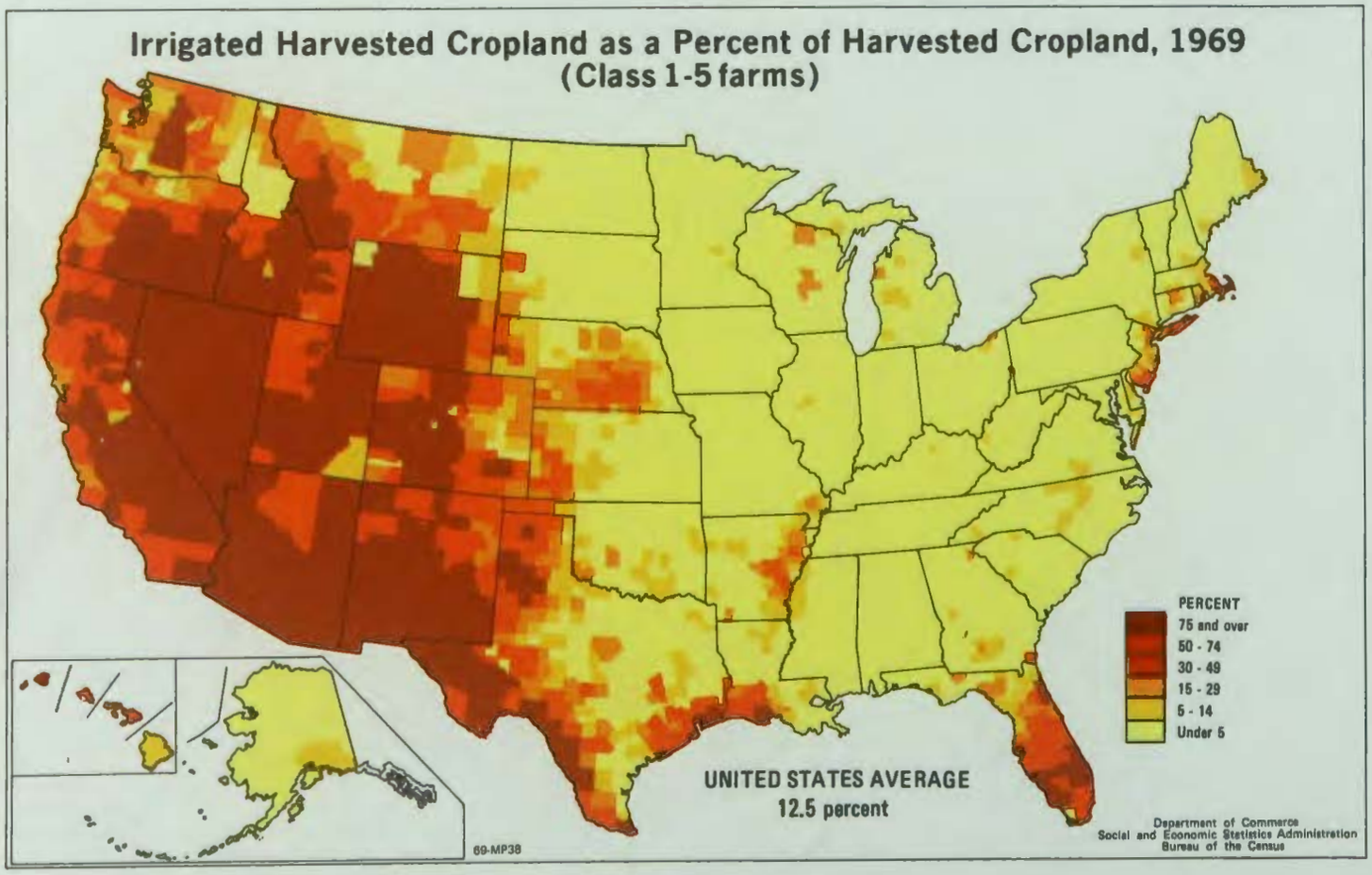


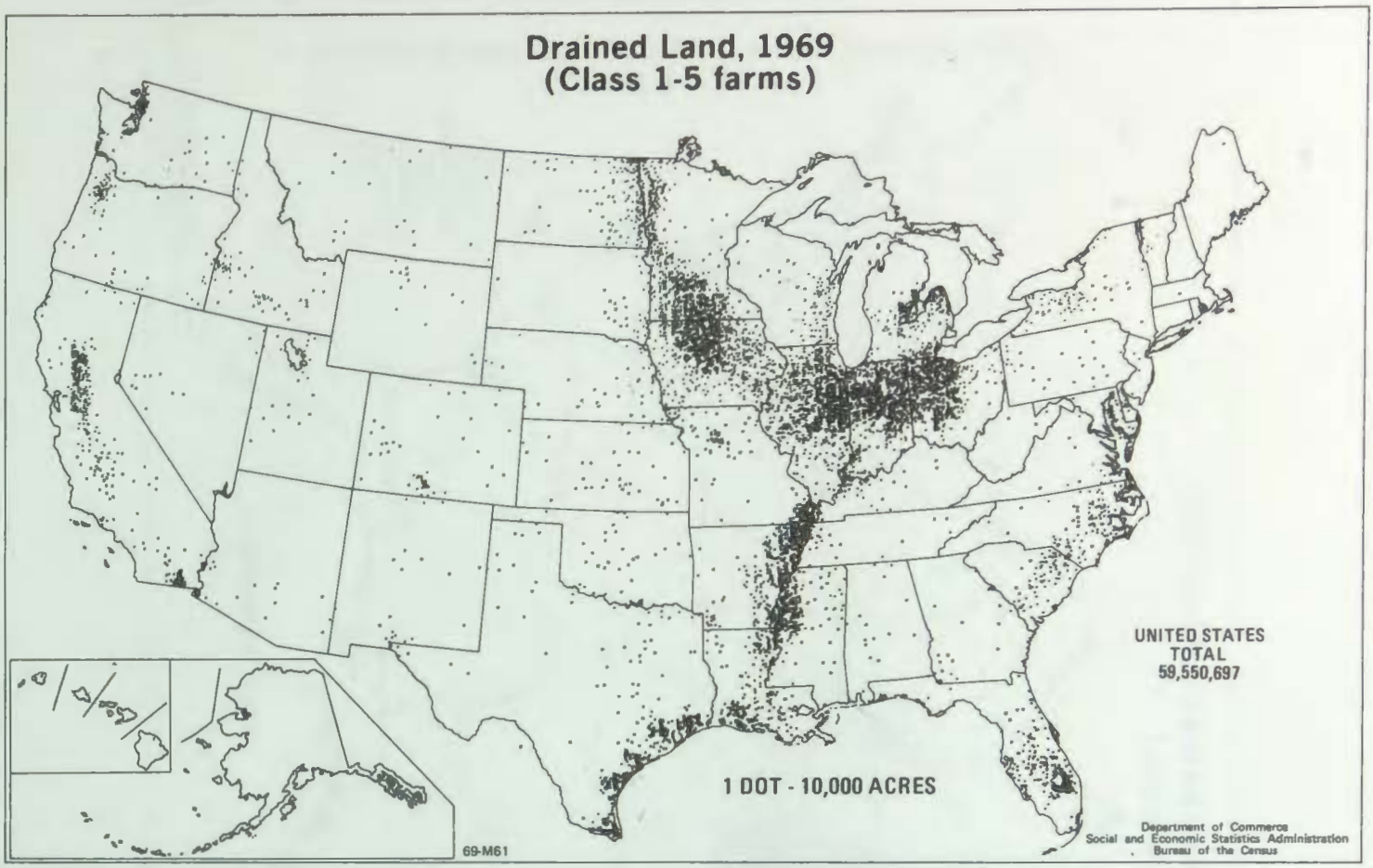

Pastureland as a Percent of Land in Farms, 1969
(Class 1-5 farms)
PERCENT
75 and over
50 - 74
30 - 49
10 - 29
Under 10
UNITED STATES AVERAGE
54.5 percent
69-MP36
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

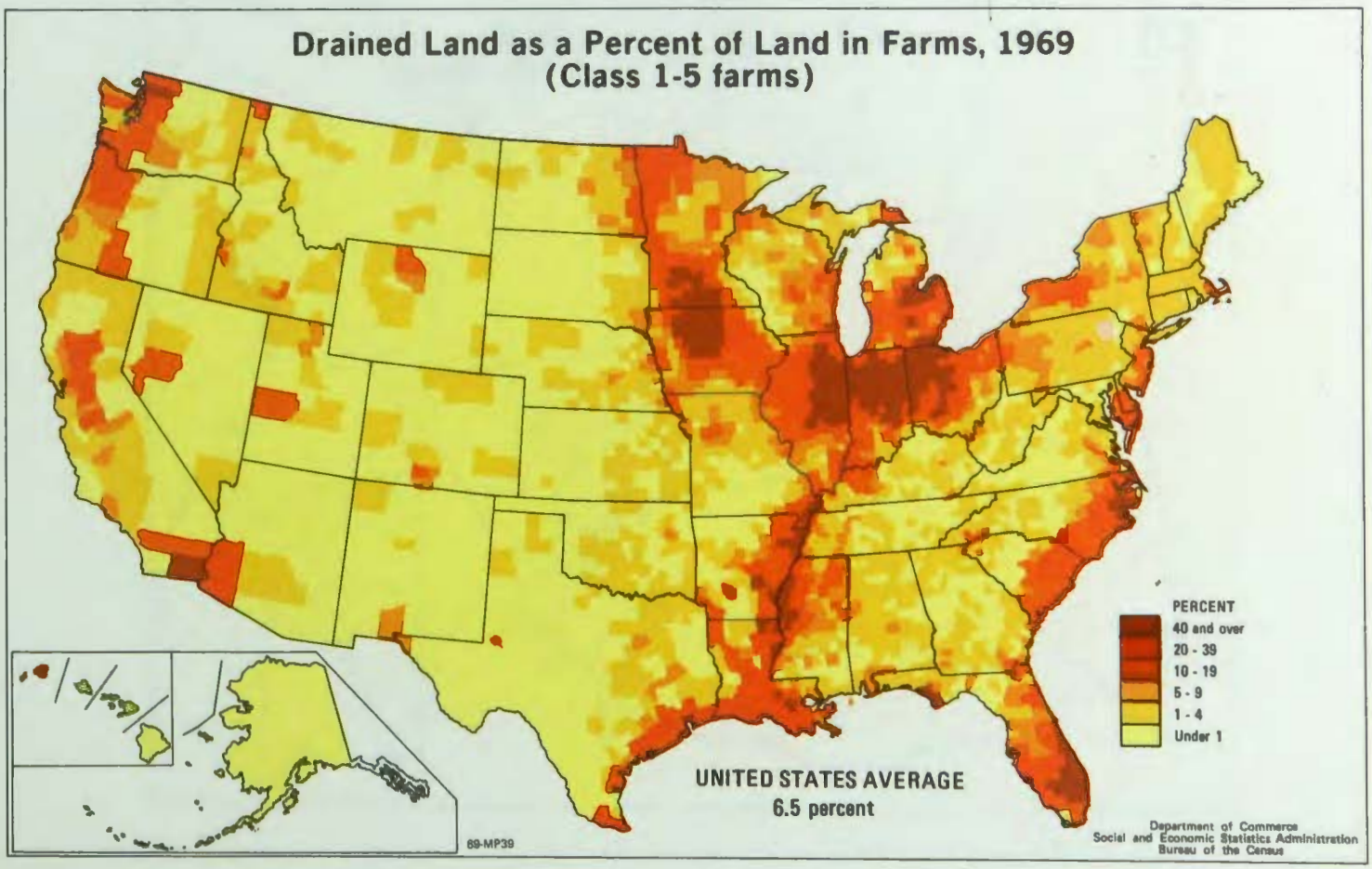

Irrigated Land, 1969
UNITED STATES
TOTAL
39,121,693
1 DOT - 10,000 ACRES
69-M58
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

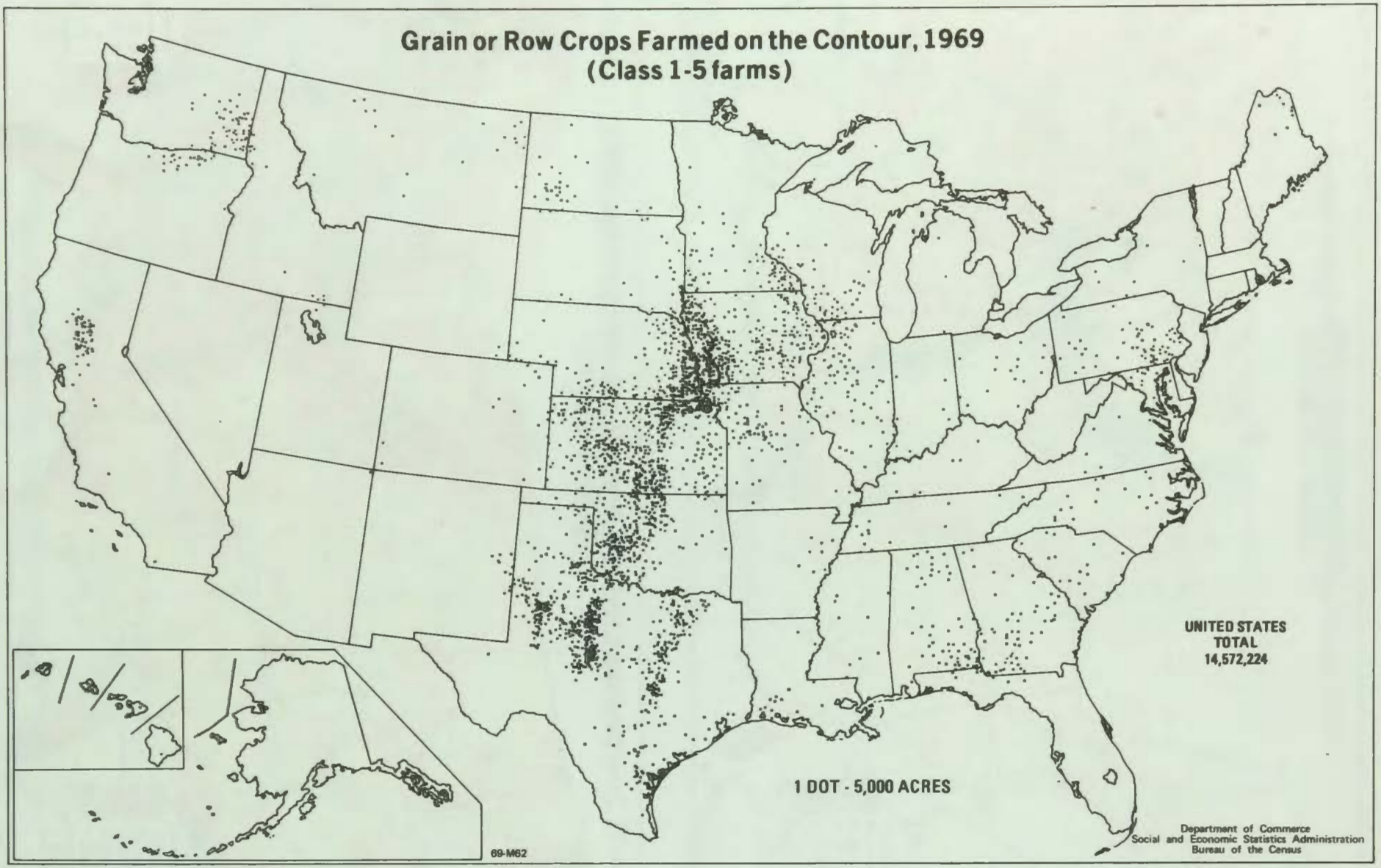

Irrigated Land—Increase and Decrease in Acreage, 1964 to 1969
UNITED STATES
NET INCREASE
+2,066,244
1 DOT - 2,000 ACRES INCREASE
1 DOT - 2,000 ACRES DECREASE
69-M59
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

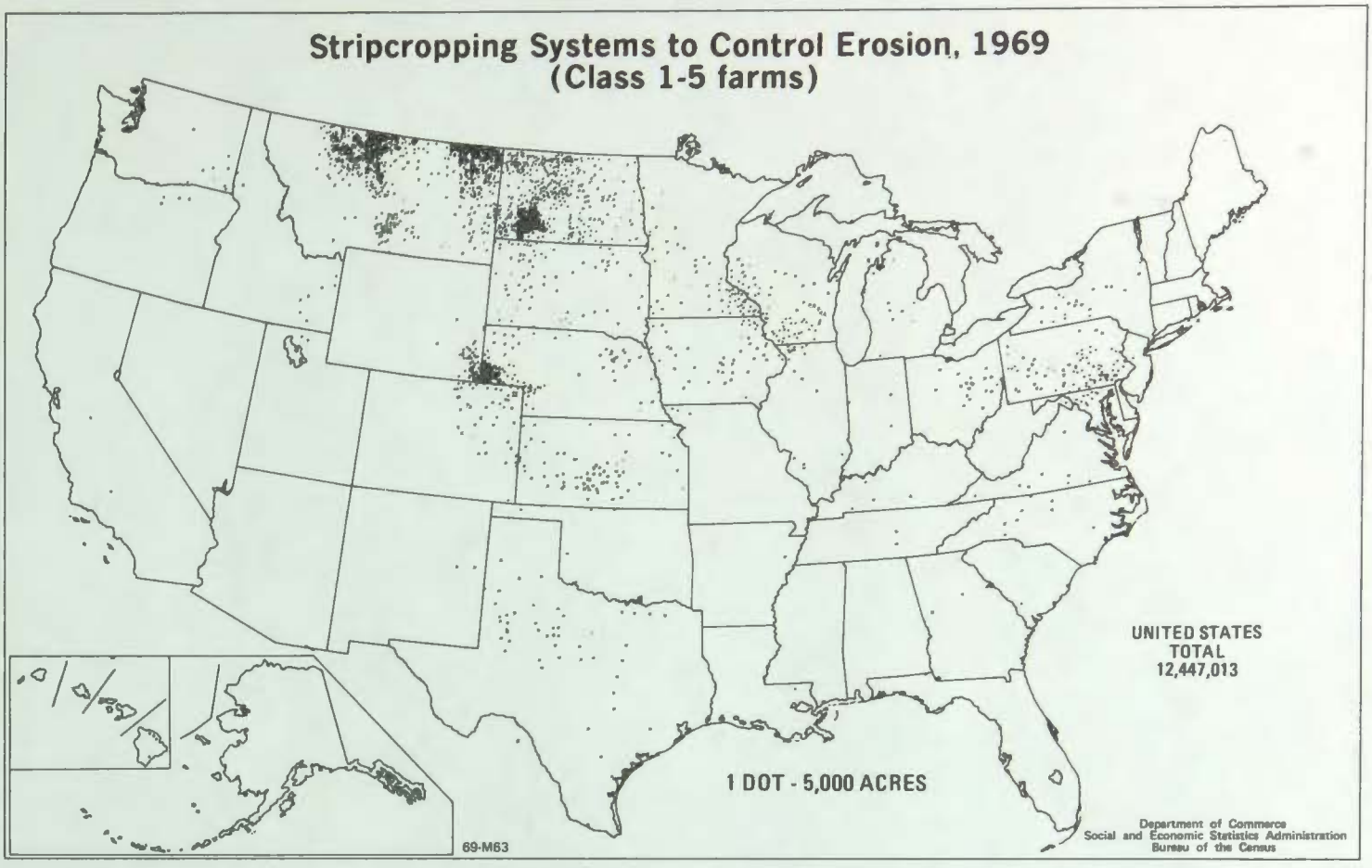

Irrigated Land as a Percent of Land in Farms, 1969
PERCENT
30 and over
20 - 29
10 - 19
5 - 9
1 - 4
Under 1
UNITED STATES AVERAGE
3.7 percent
69-MP37
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

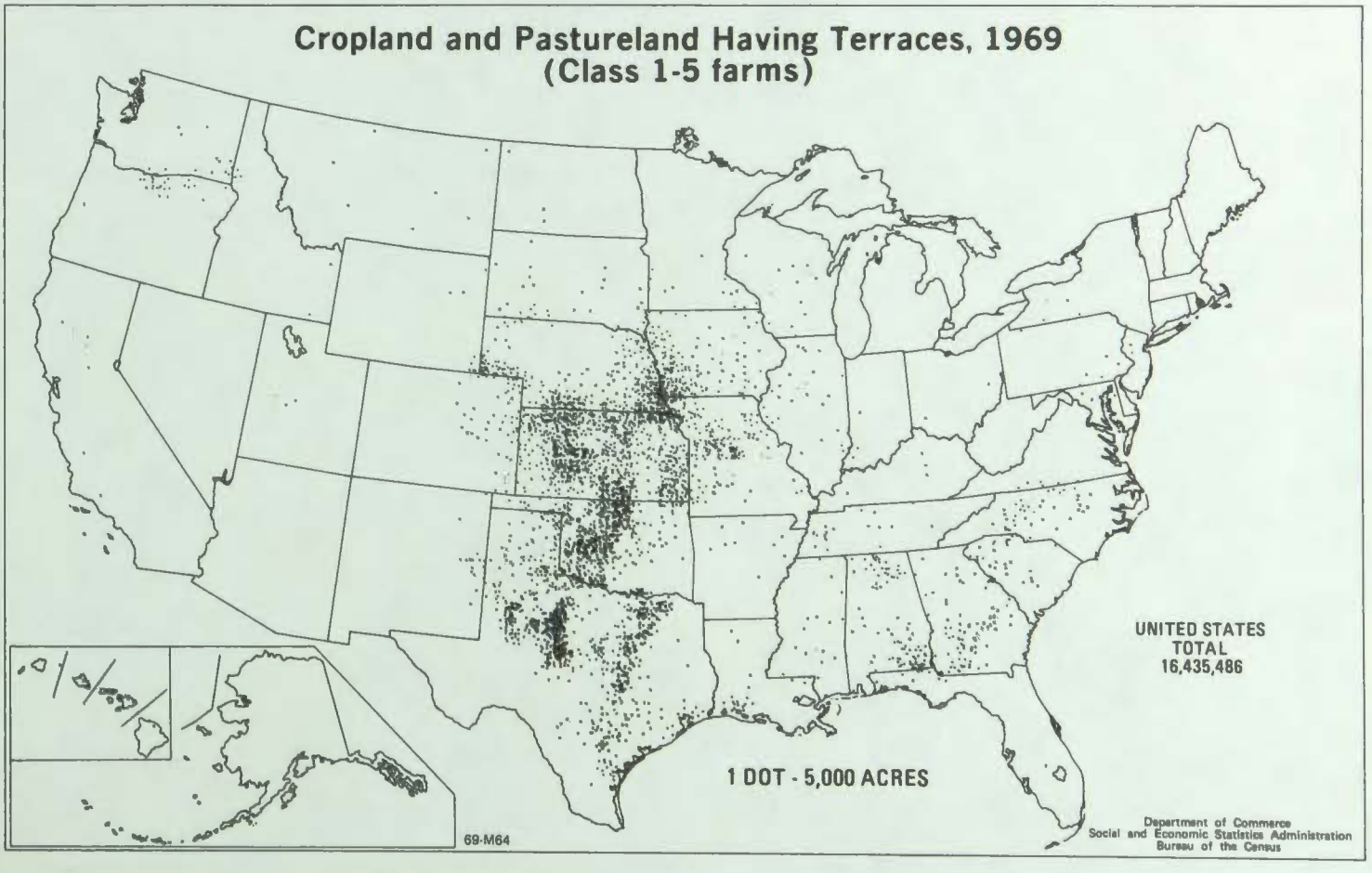

Irrigated Harvested Cropland as a Percent of Harvested Cropland, 1969
(Class 1-5 farms)
PERCENT
75 and over
50 - 74
30 - 49
15 - 29
5 - 14
Under 5
UNITED STATES AVERAGE
12.5 percent
69-MP38
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

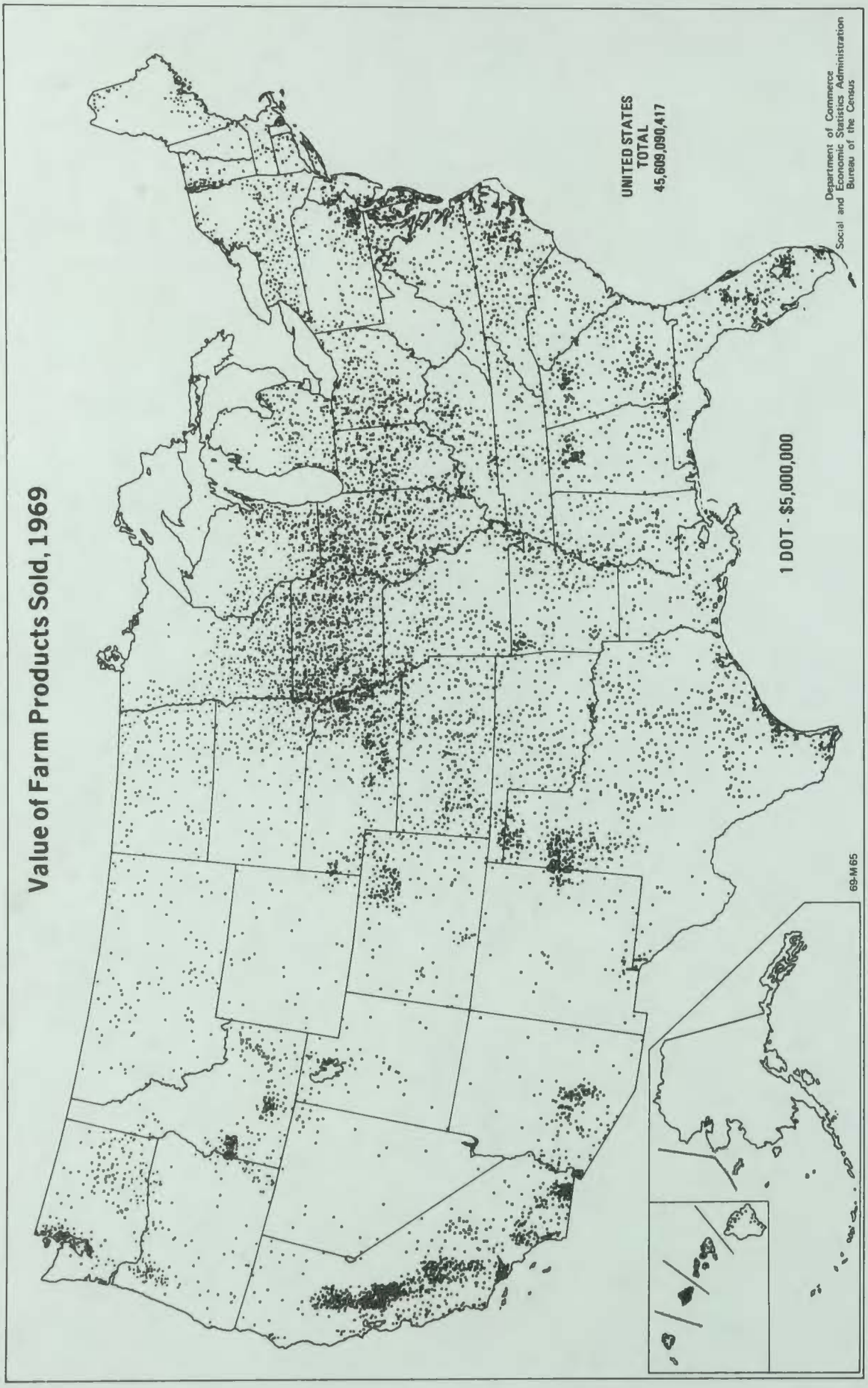

Drained Land, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
59,550,697
1 DOT - 10,000 ACRES
69-M61
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

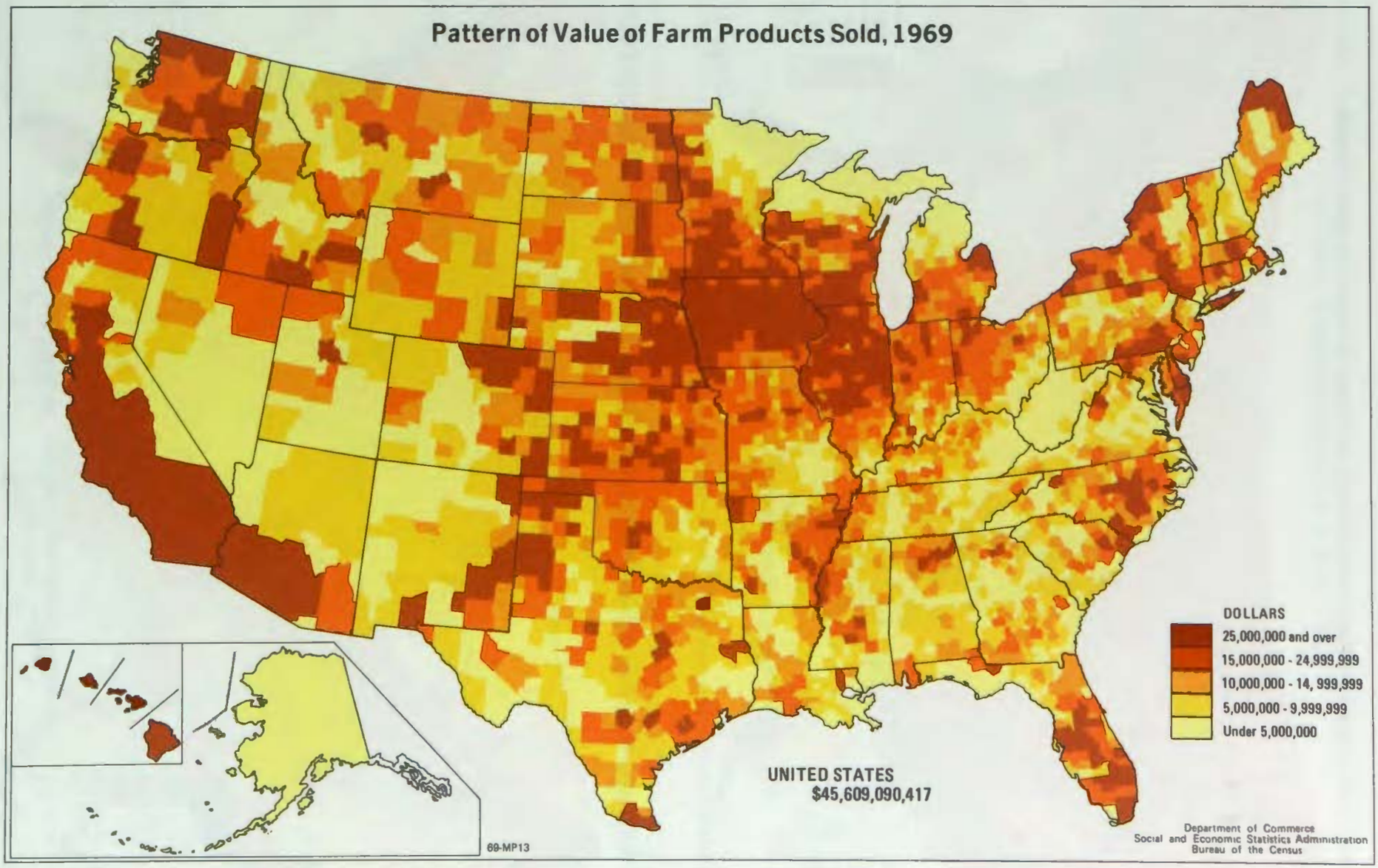

Drained Land as a Percent of Land in Farms, 1969
(Class 1-5 farms)
PERCENT
40 and over
20 - 39
10 - 19
5 - 9
1 - 4
Under 1
UNITED STATES AVERAGE
6.5 percent
69-MP39
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

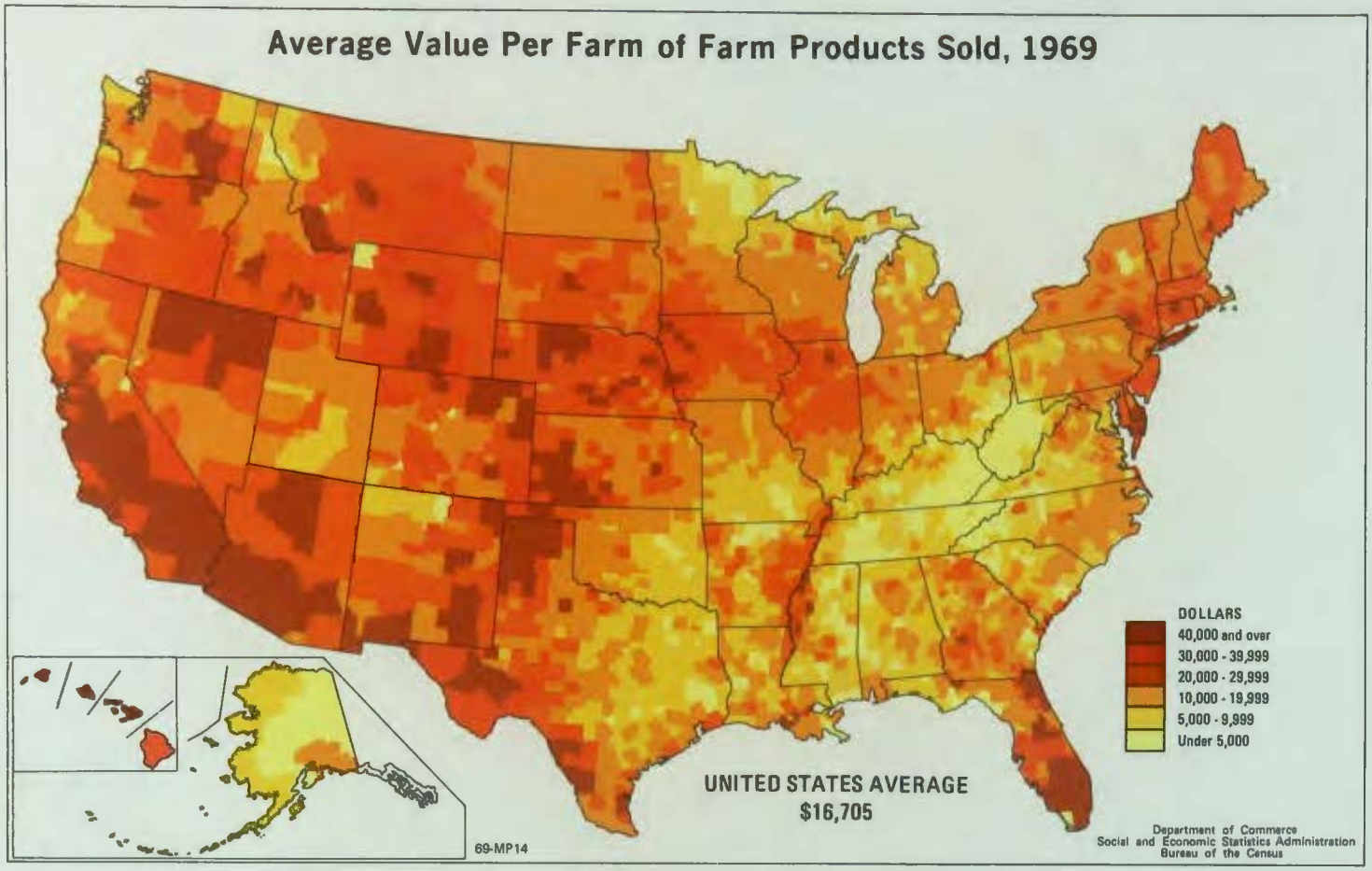

Grain or Row Crops Farmed on the Contour, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
14,572,224
1 DOT - 5,000 ACRES
69-M62
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

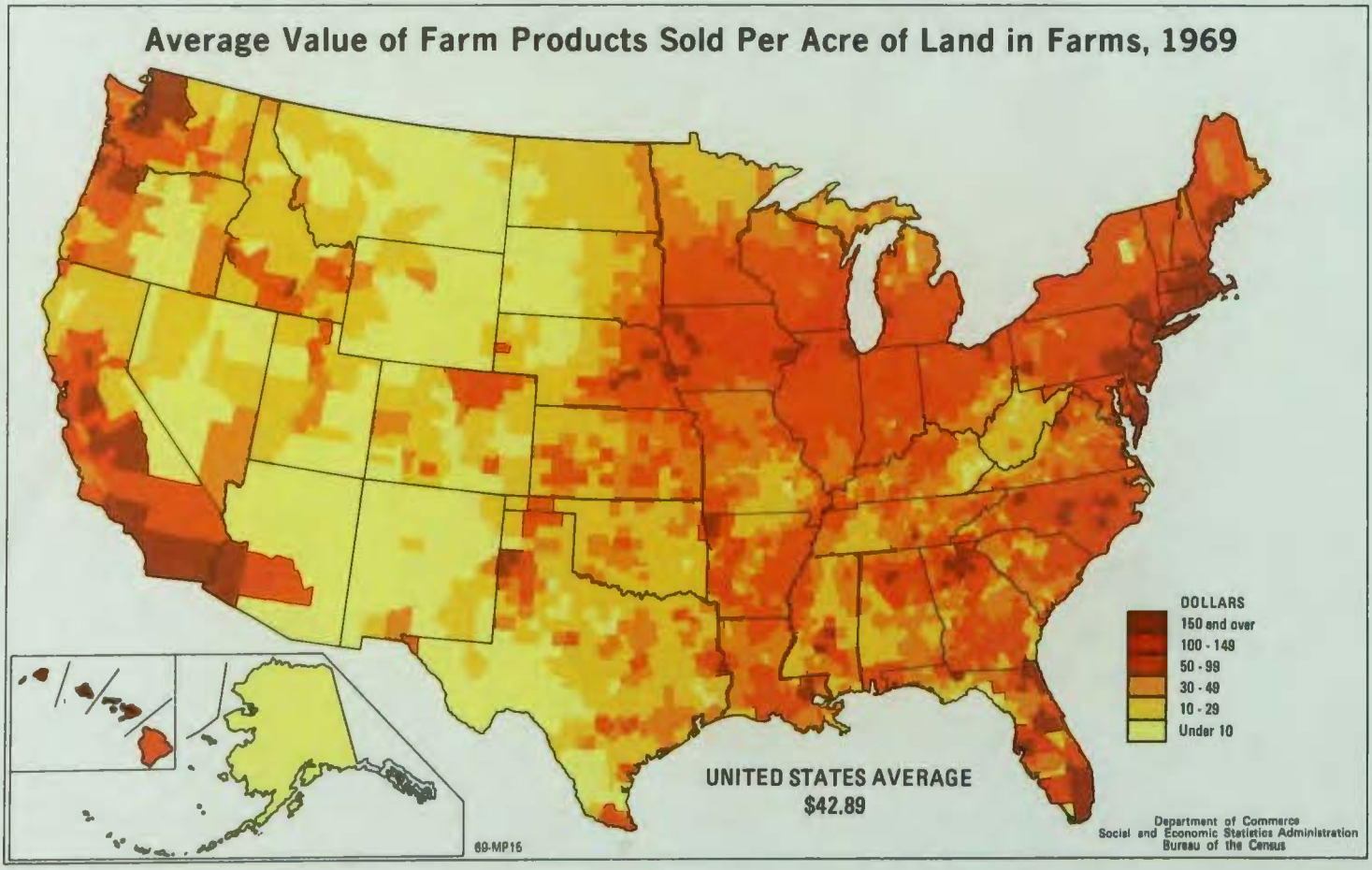

Stripcropping Systems to Control Erosion, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
12,447,013
1 DOT - 5,000 ACRES
69-M63
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Cropland and Pastureland Having Terraces, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
16,435,486
1 DOT - 5,000 ACRES
69-M64
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

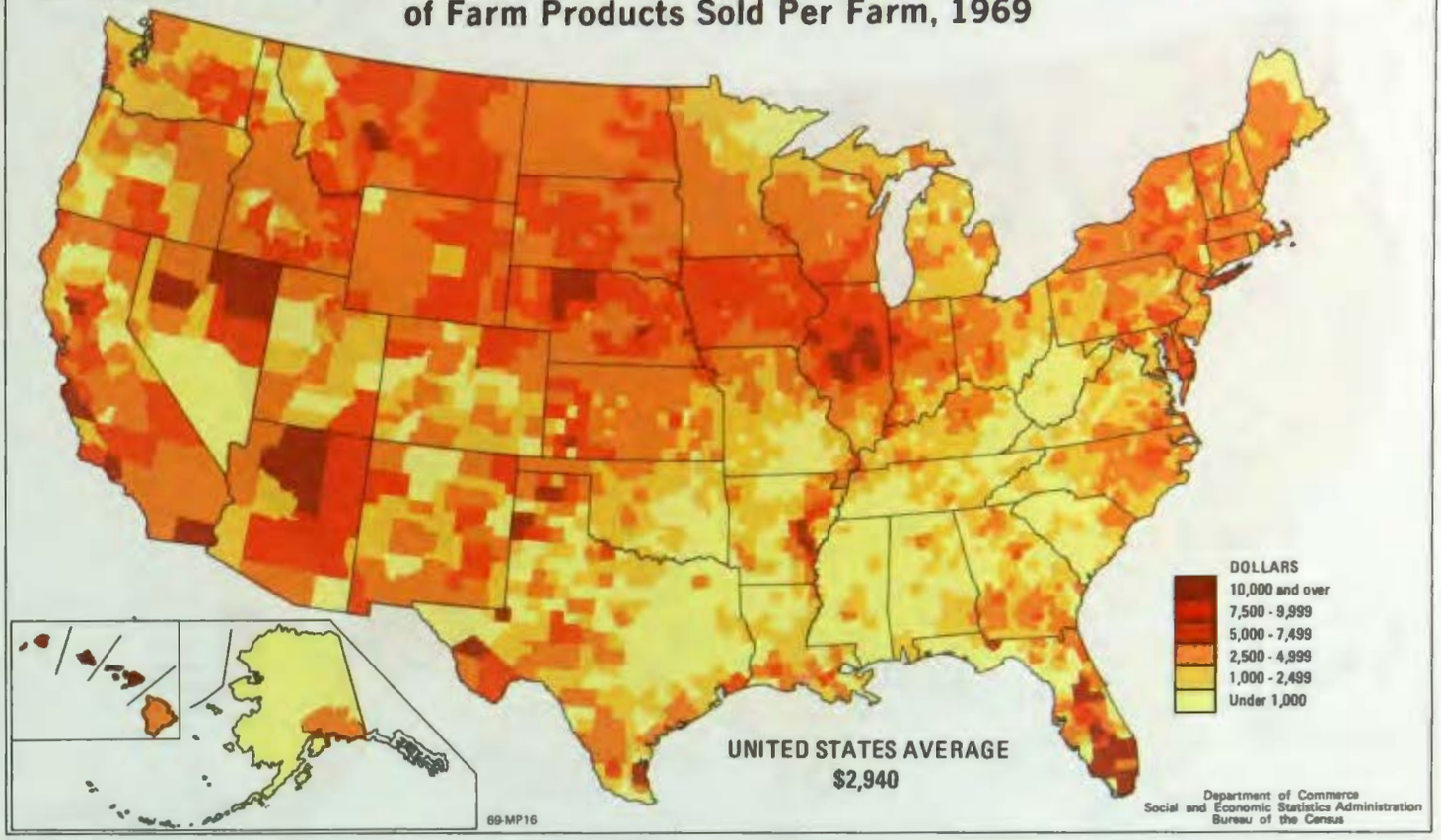

Value of Farm Products Sold, 1969
UNITED STATES
TOTAL
45,609,090,417
1 DOT - $5,000,000
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census
69-M65


Pattern of Value of Farm Products Sold, 1969
DOLLARS
25,000,000 and over
15,000,000 - 24,999,999
10,000,000 - 14, 999,999
5,000,000 - 9,999,999
Under 5,000,000
UNITED STATES
$45,609,090,417
69-MP13
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

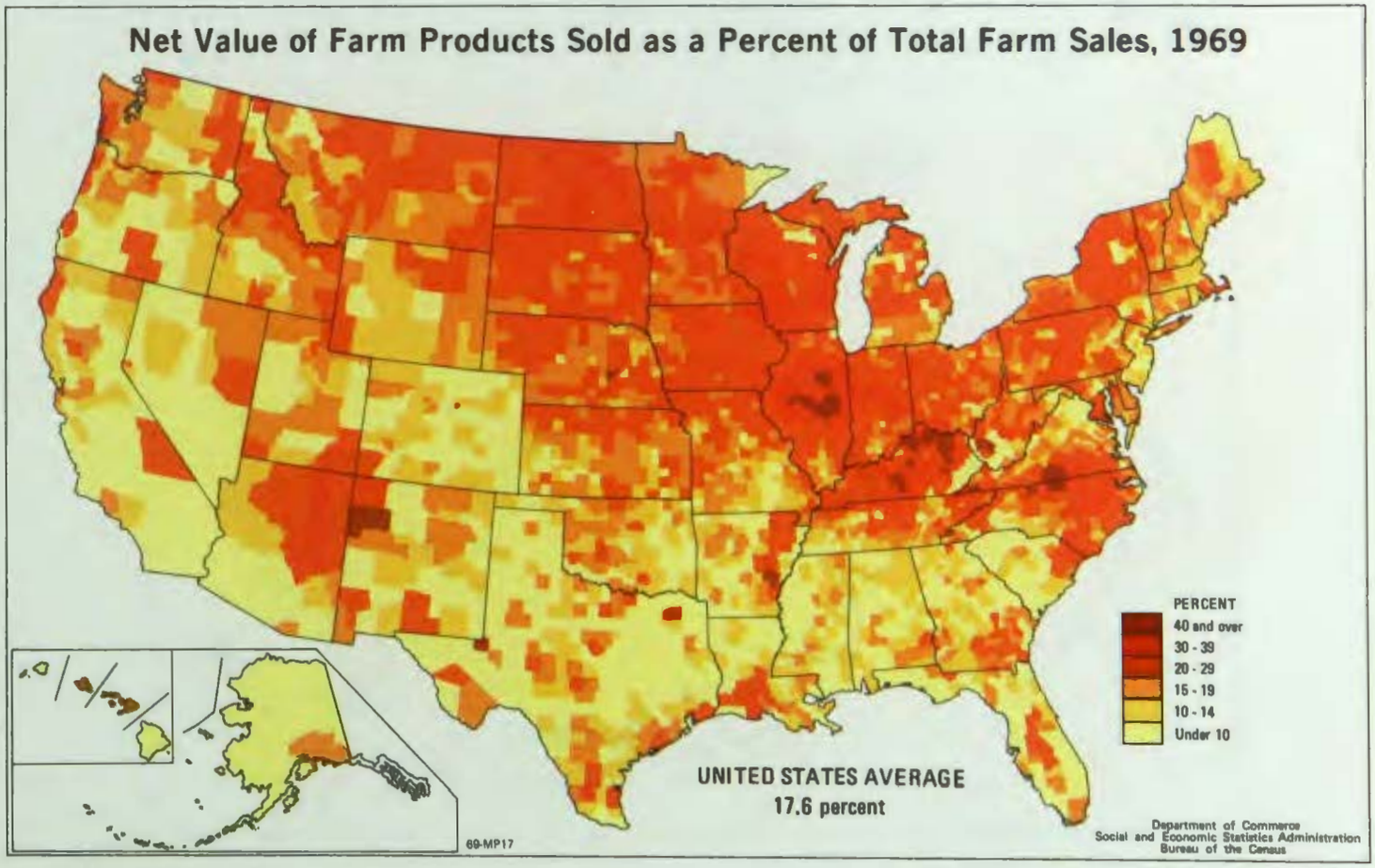

Average Value Per Farm of Farm Products Sold, 1969
DOLLARS
40,000 and over
30,000 - 39,999
20,000 - 29,999
10,000 - 19,999
5,000 - 9,999
Under 5,000
UNITED STATES AVERAGE
$16,705
69-MP14
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

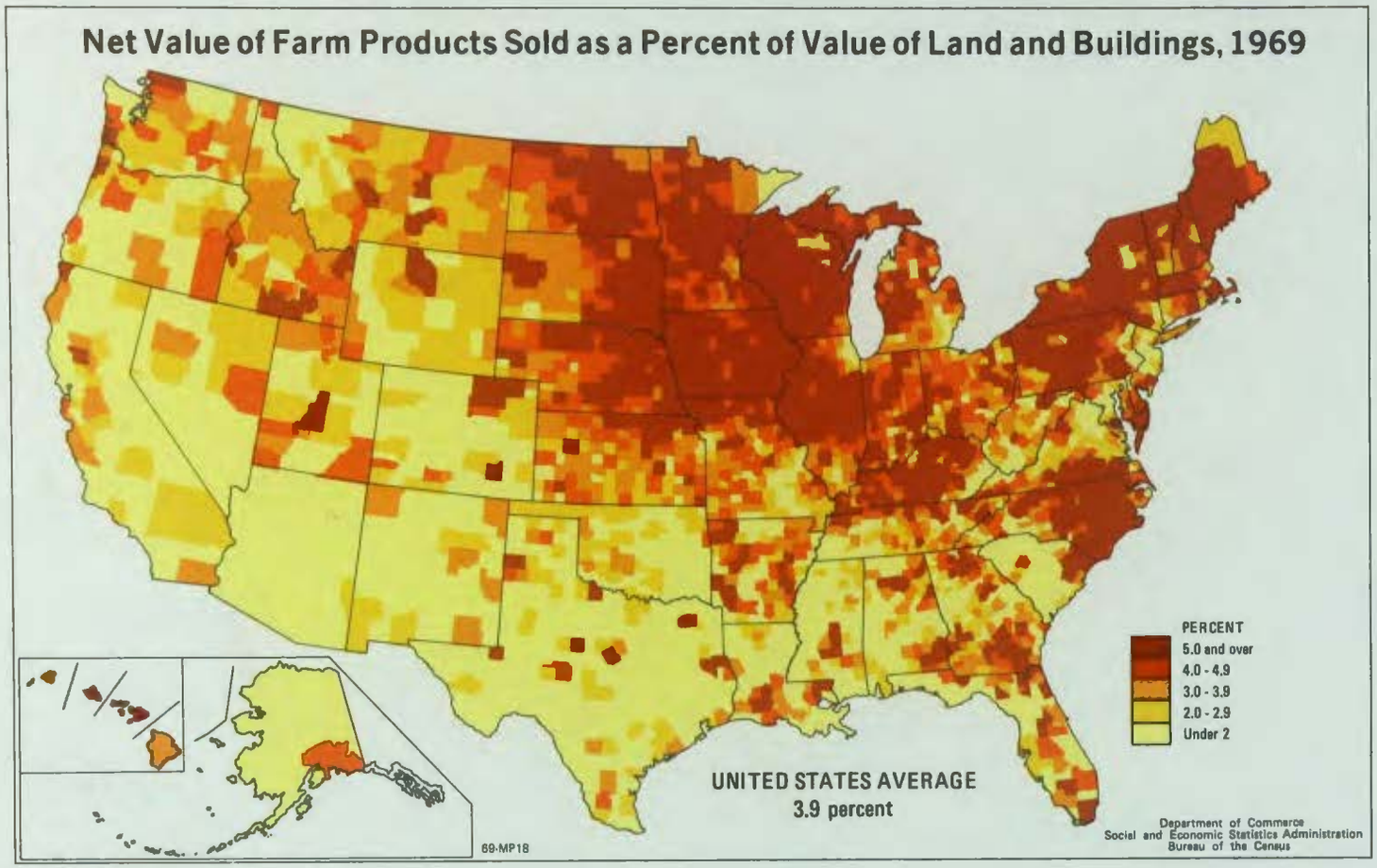

Average Value of Farm Products Sold Per Acre of Land in Farms, 1969
DOLLARS
150 and over
100 - 149
50 - 99
30 - 49
10 - 29
Under 10
UNITED STATES AVERAGE
$42.89
69-MP15
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

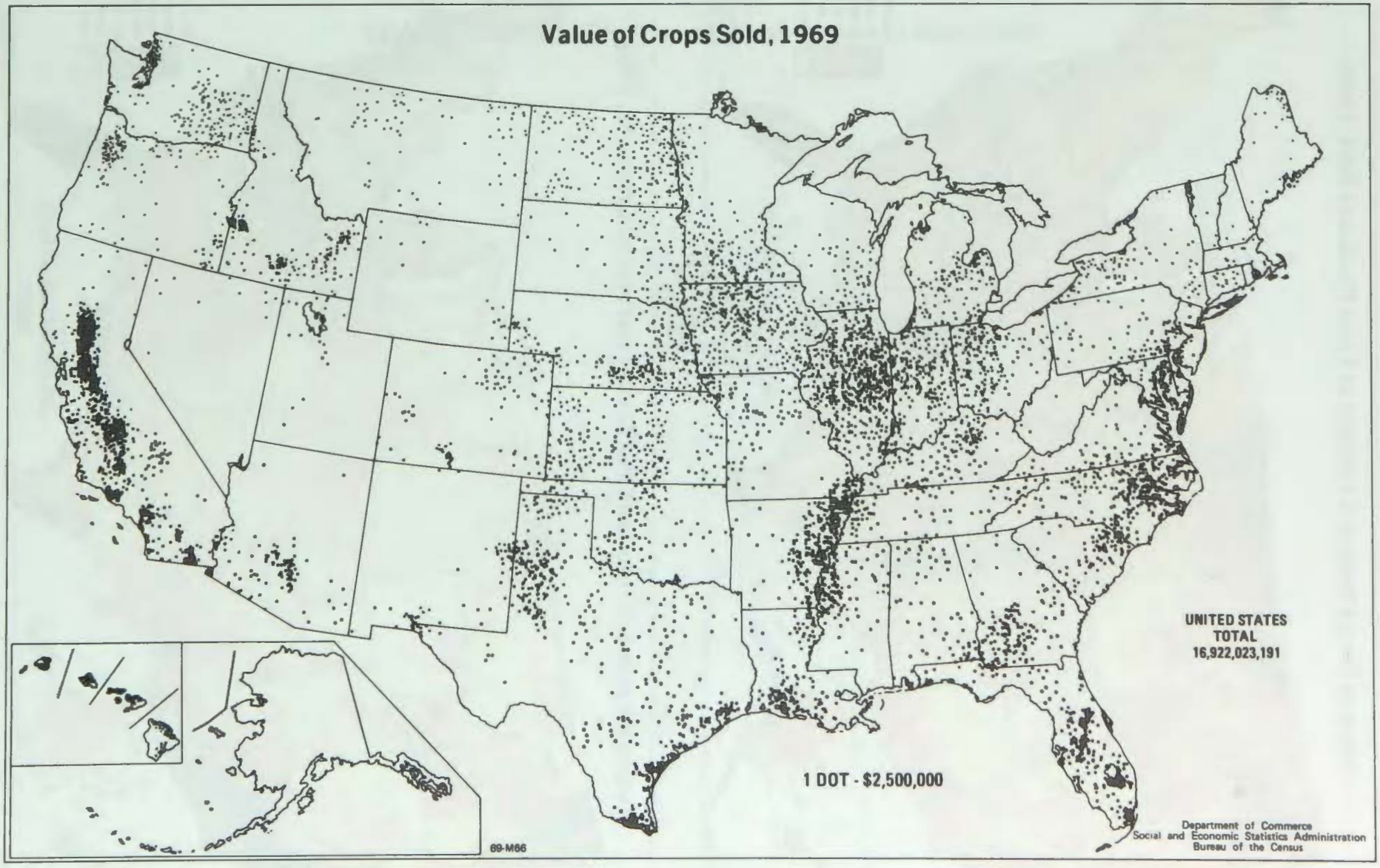
Average Net Value (Value of Farm Products Sold Minus Farm Production Expenses) of Farm Products Sold Per Farm, 1969

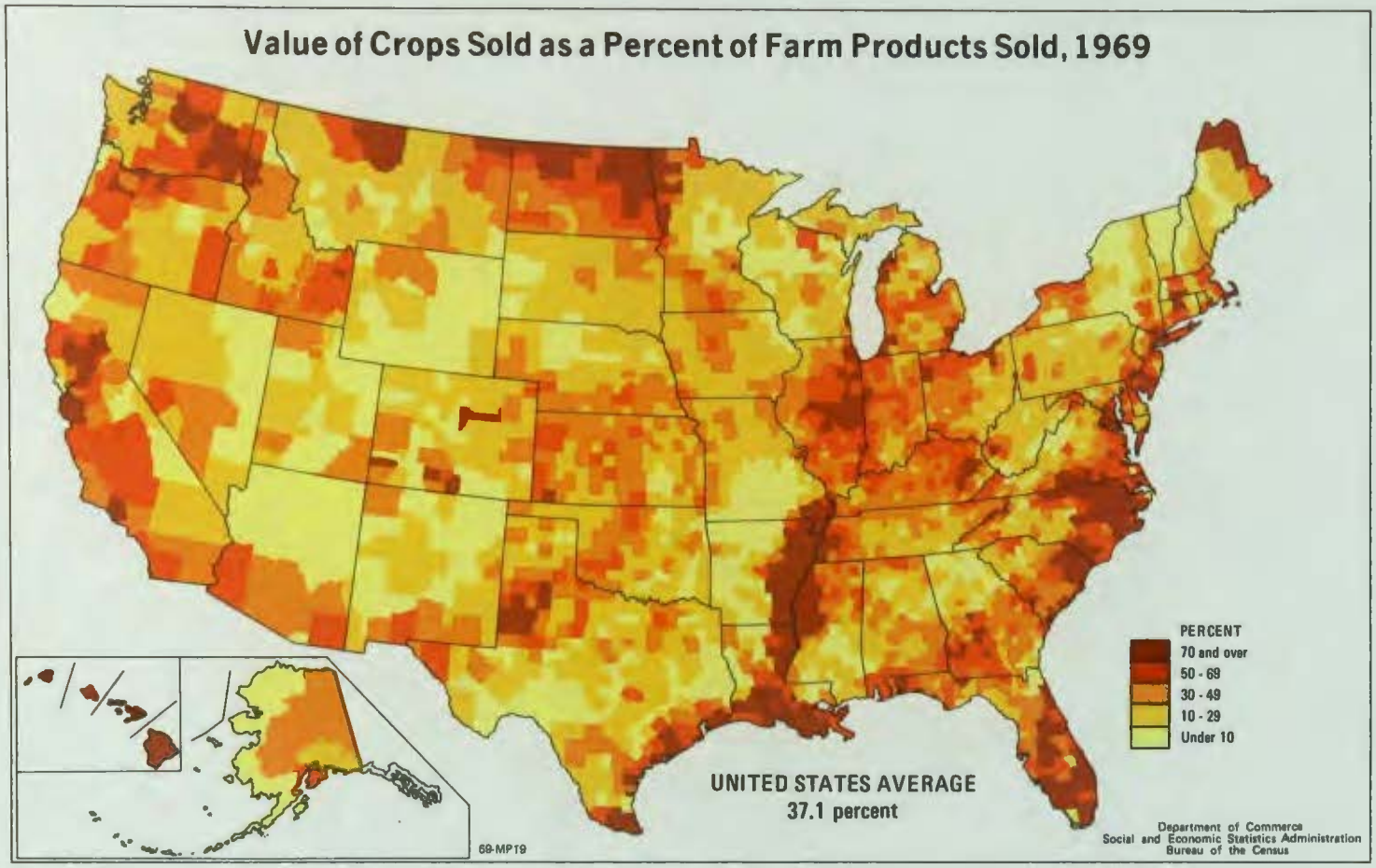


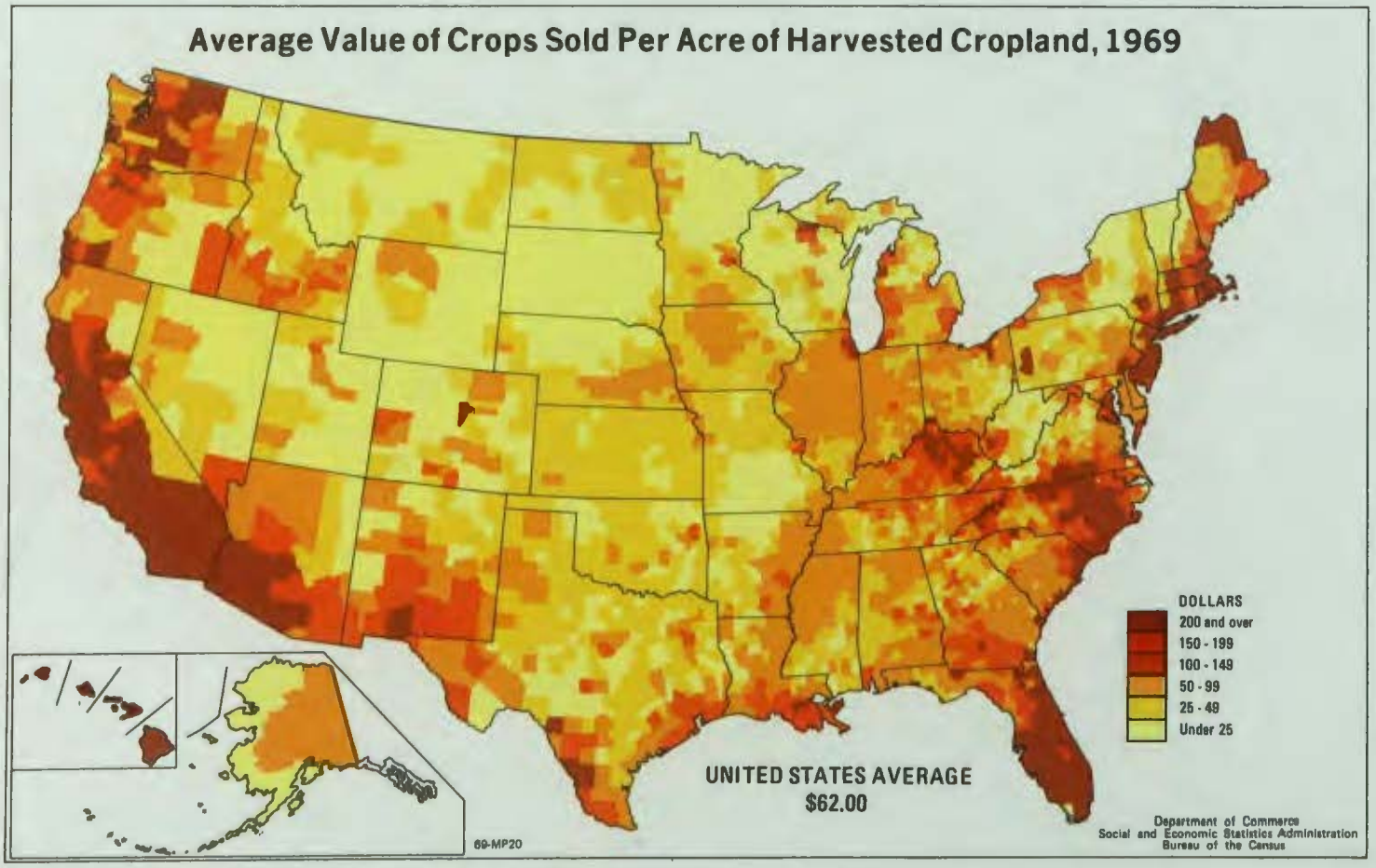
Net Value of Farm Products Sold as a Percent of Total Farm Sales, 1969

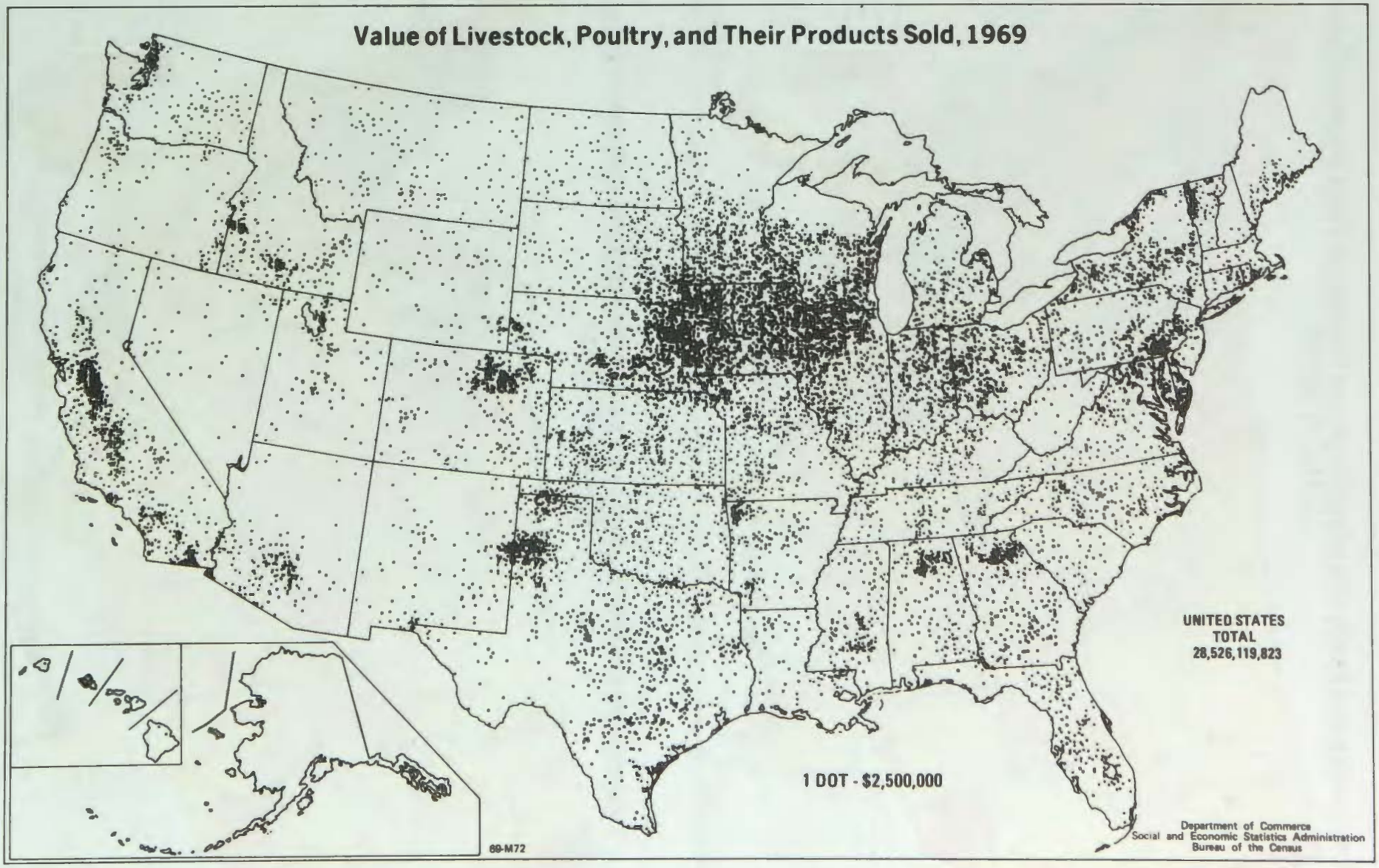


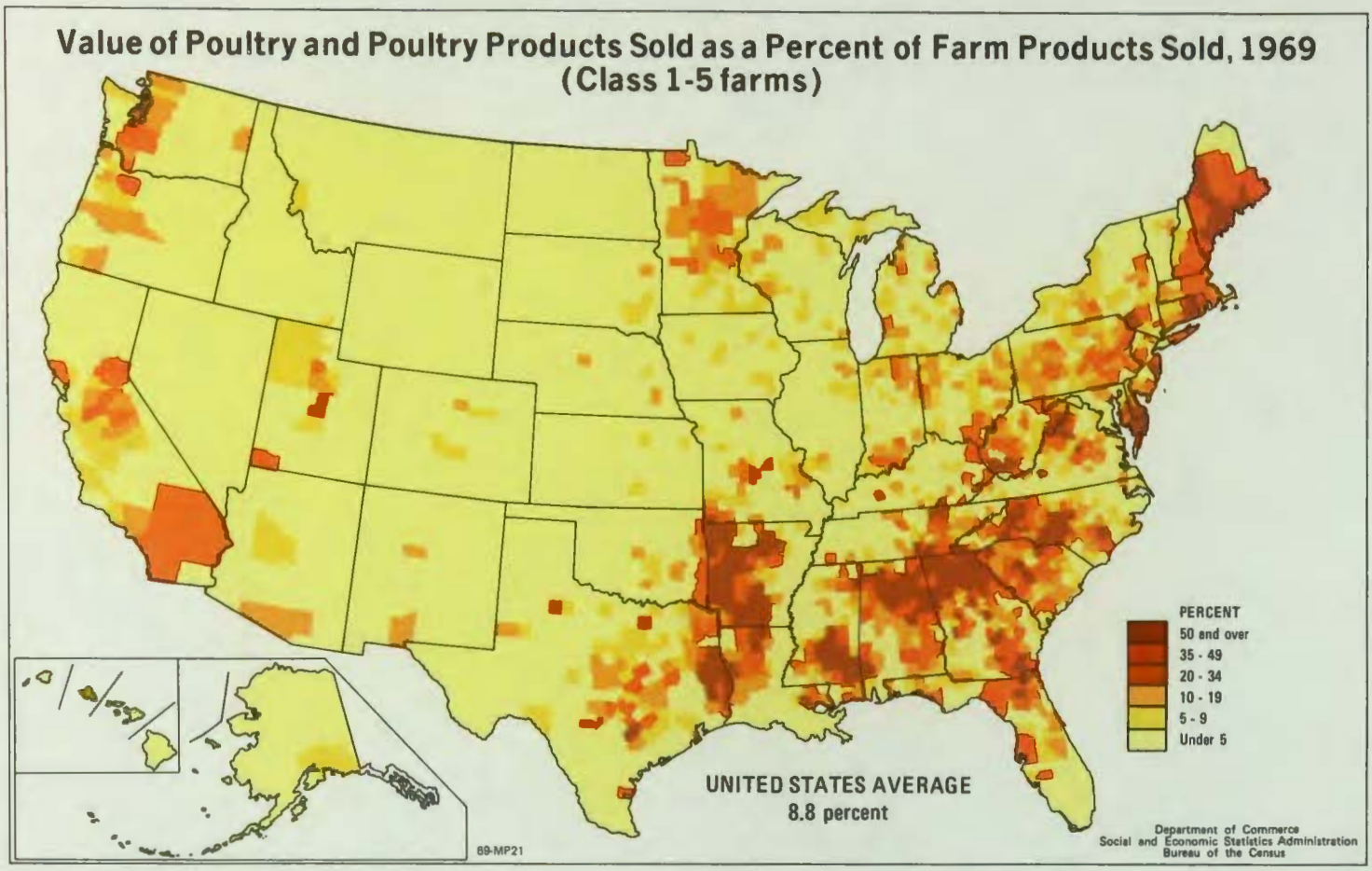

Net Value of Farm Products Sold as a Percent of Value of Land and Buildings, 1969
PERCENT
5.0 and over
4.0 - 4.9
3.0 - 3.9
2.0 - 2.9
Under 2
UNITED STATES AVERAGE
3.9 percent
69-MP18
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

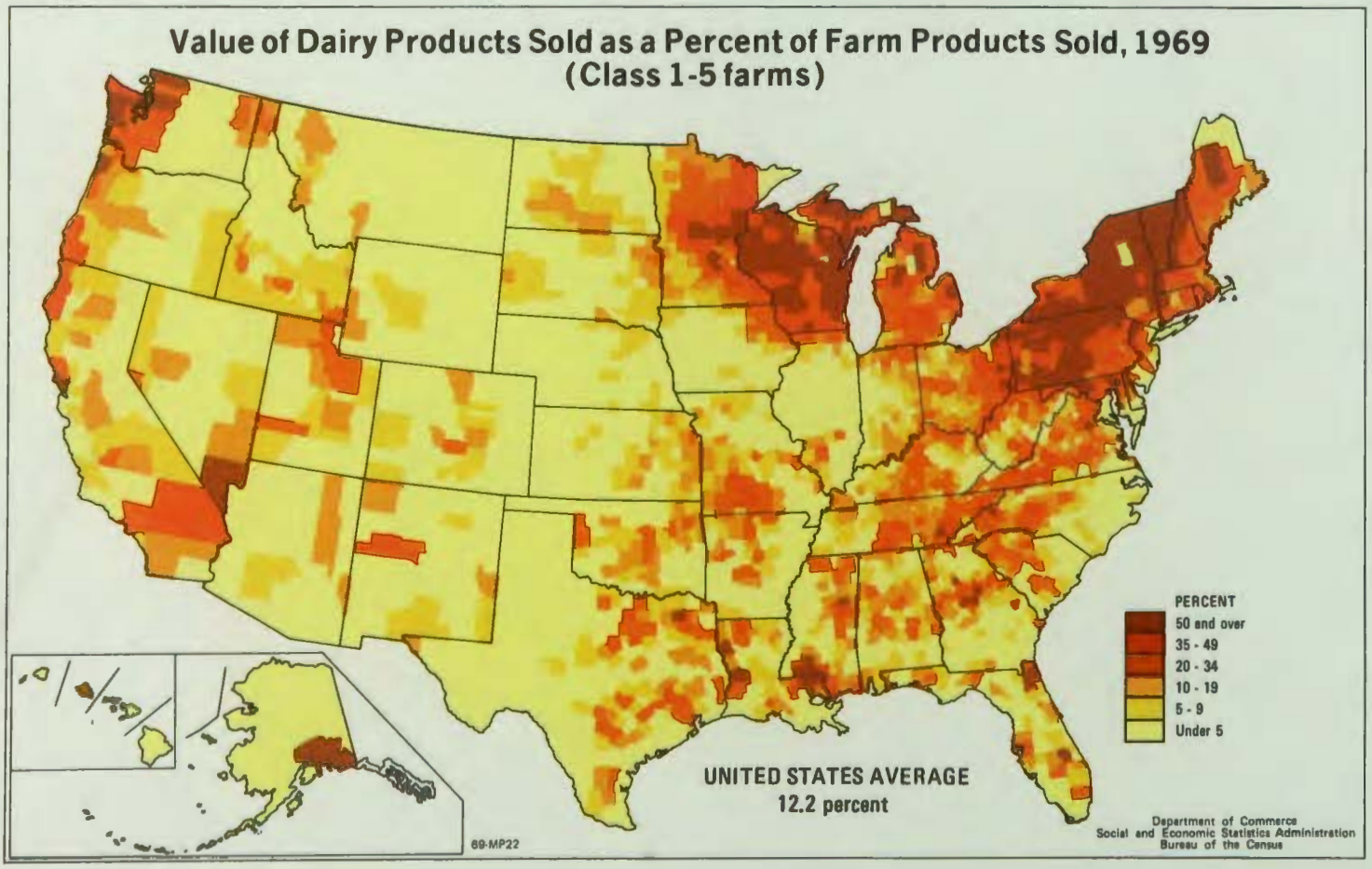

Value of Crops Sold, 1969
UNITED STATES
TOTAL
16,922,023,191
1 DOT - $2,500,000
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census
69-M66

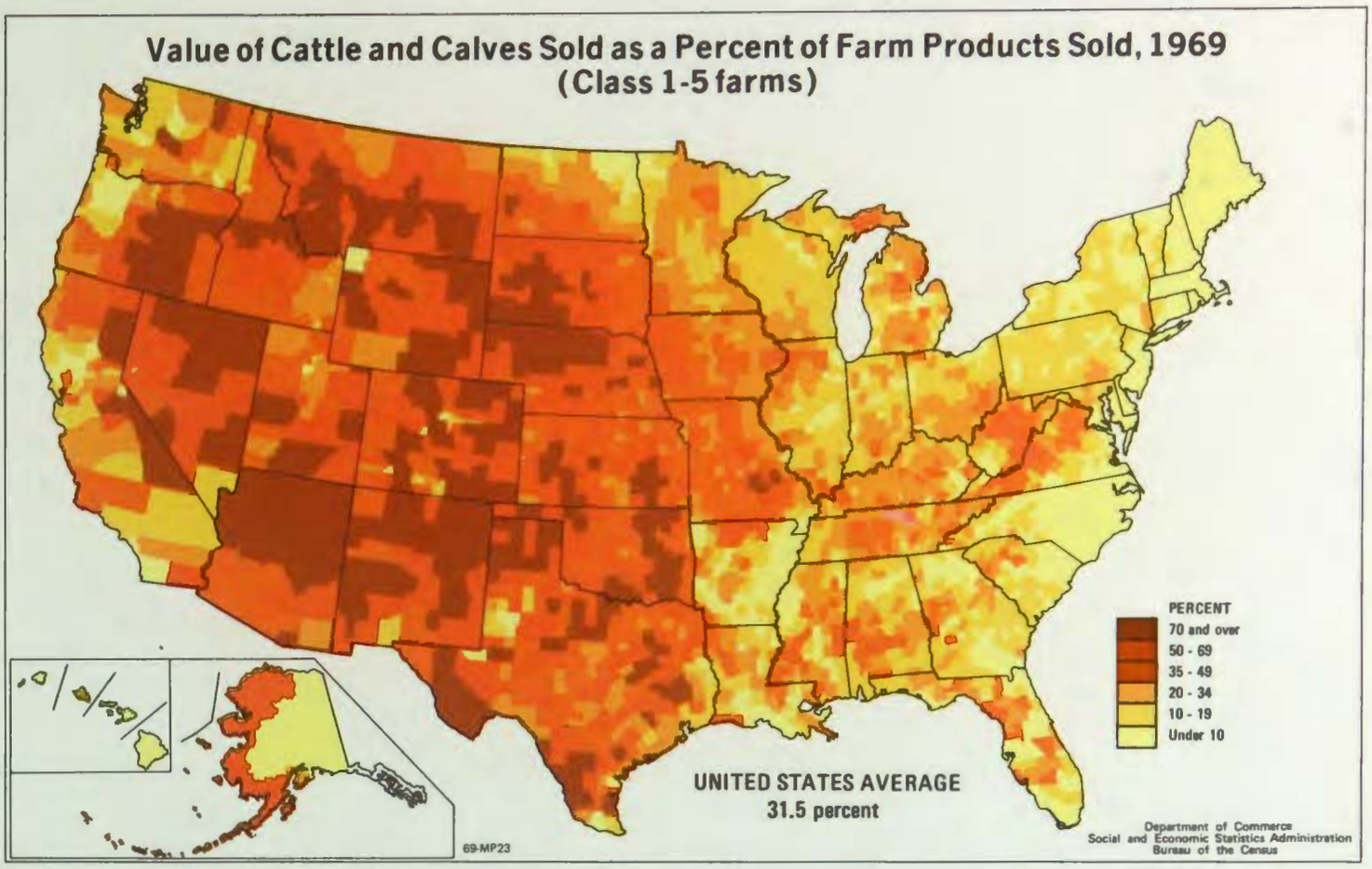

Value of Crops Sold as a Percent of Farm Products Sold, 1969
PERCENT
70 and over
50 - 69
30 - 49
10 - 29
Under 10
UNITED STATES AVERAGE
37.1 percent
69-MP19
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

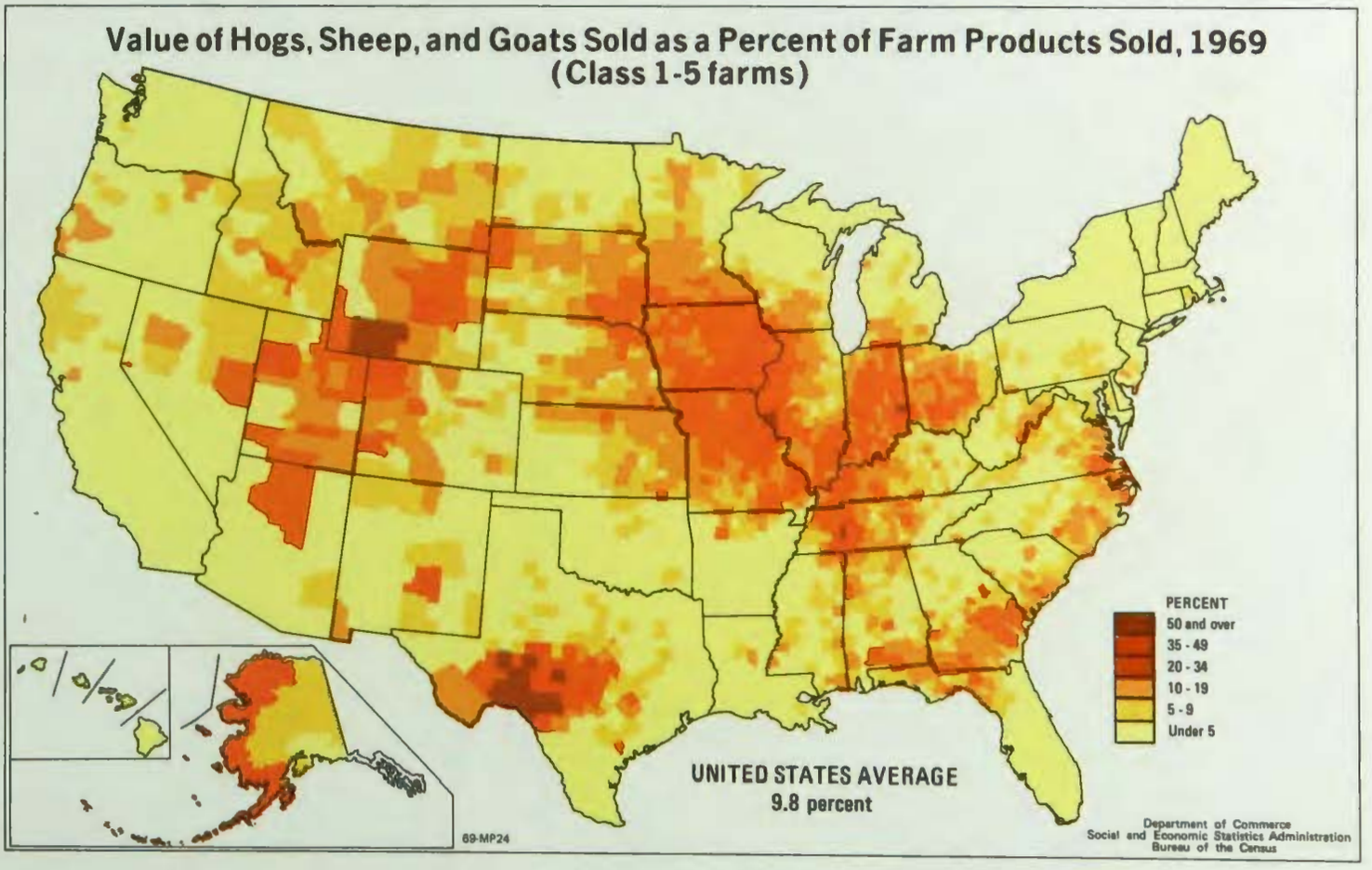

Average Value of Crops Sold Per Acre of Harvested Cropland, 1969
DOLLARS
200 and over
150 - 199
100 - 149
50 - 99
25 - 49
Under 25
UNITED STATES AVERAGE
$62.00
69-MP20
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

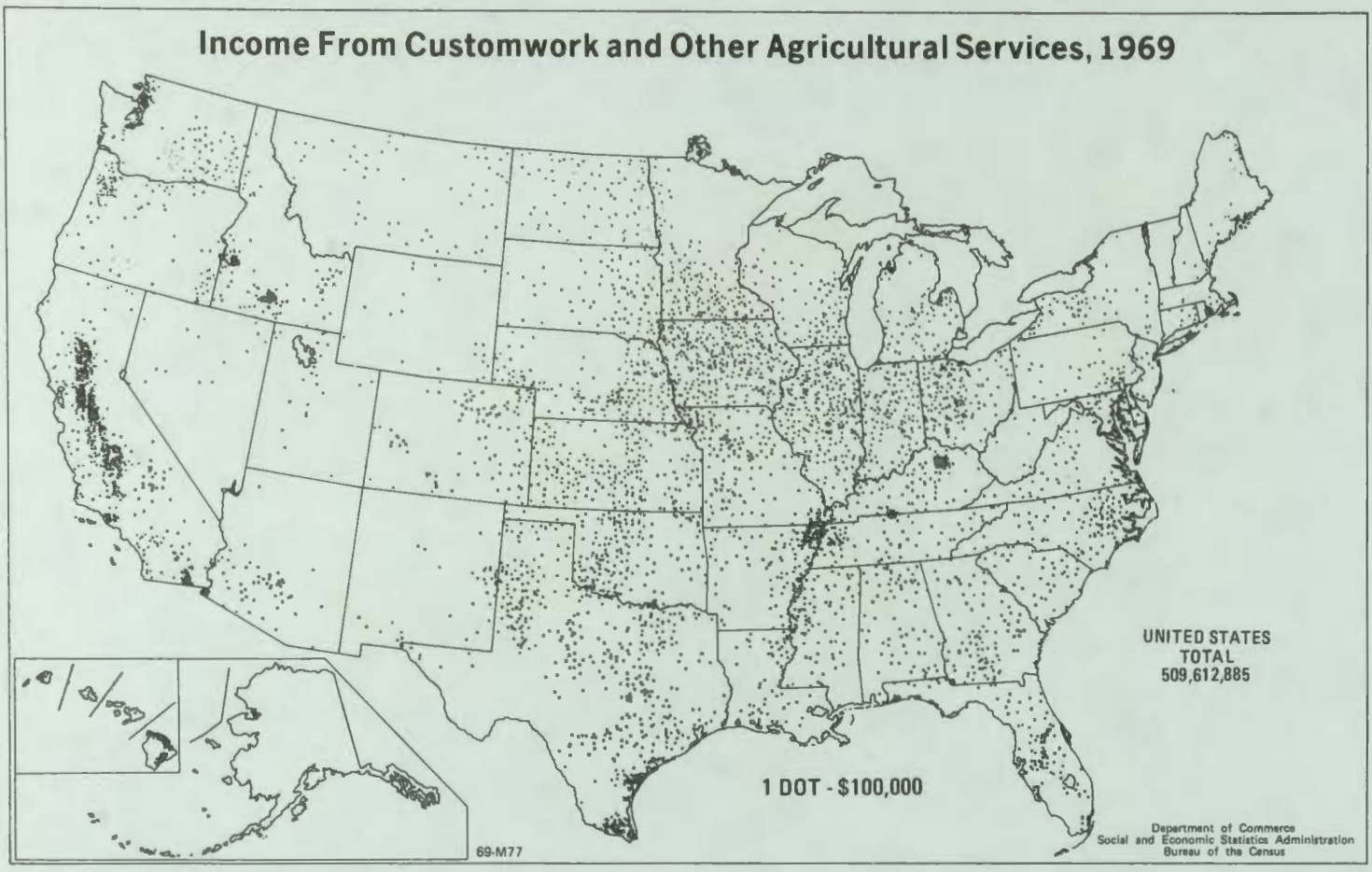

Value of Livestock, Poultry, and Their Products Sold, 1969
UNITED STATES
TOTAL
28,526,119,823
1 DOT - $2,500,000
69-M72
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Value of Poultry and Poultry Products Sold as a Percent of Farm Products Sold, 1969
(Class 1-5 farms)
PERCENT
50 and over
35 - 49
20 - 34
10 - 19
5 - 9
Under 5
UNITED STATES AVERAGE
8.8 percent
69-MP21
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Value of Dairy Products Sold as a Percent of Farm Products Sold, 1969
(Class 1-5 farms)
PERCENT
50 and over
35 - 49
20 - 34
10 - 19
5 - 9
Under 5
UNITED STATES AVERAGE
12.2 percent
69-MP22
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

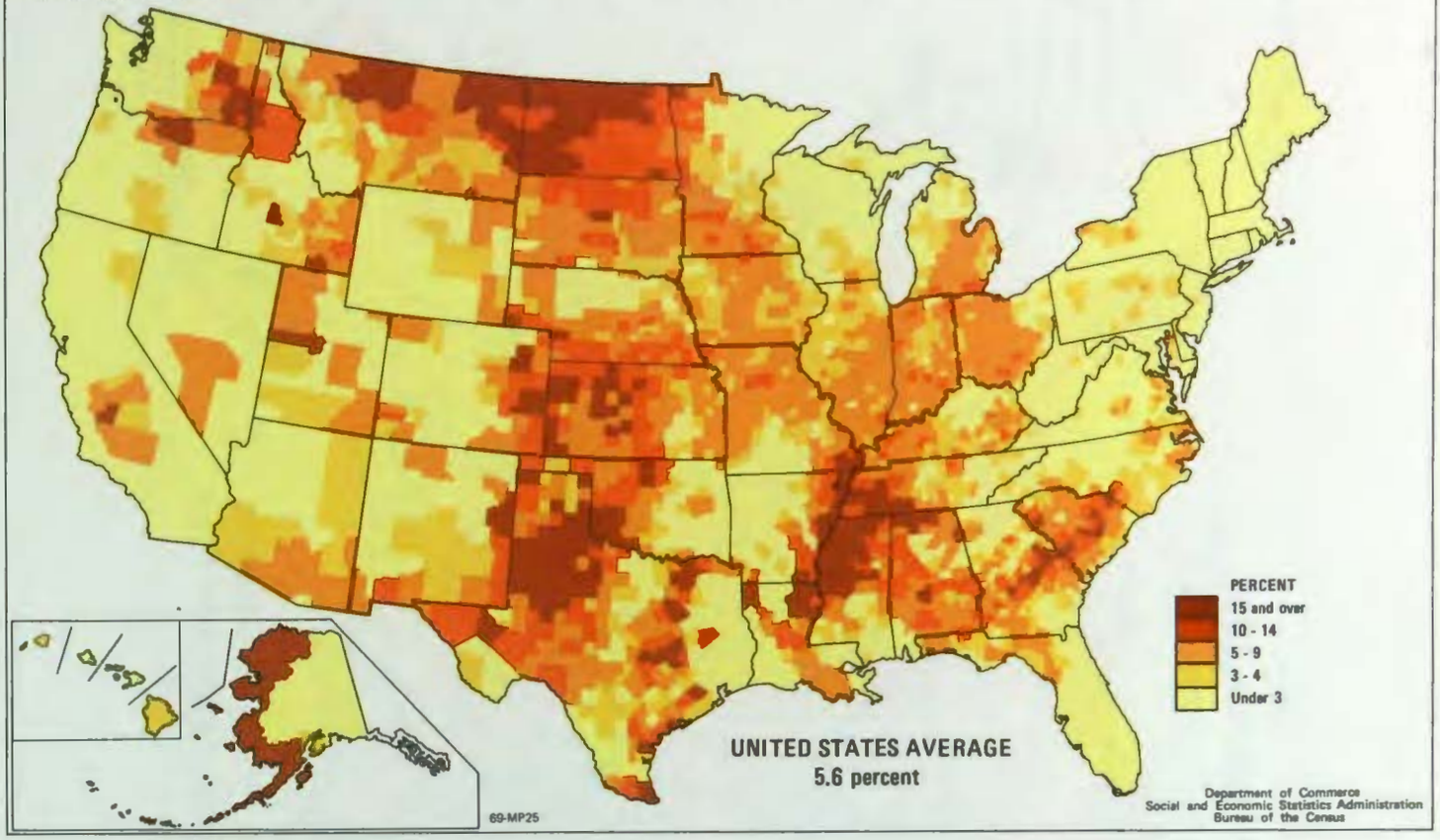

Value of Cattle and Calves Sold as a Percent of Farm Products Sold, 1969
(Class 1-5 farms)
PERCENT
70 and over
50 - 69
35 - 49
20 - 34
10 - 19
Under 10
UNITED STATES AVERAGE
31.5 percent
69-MP23
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Value of Hogs, Sheep, and Goats Sold as a Percent of Farm Products Sold, 1969
(Class 1-5 farms)
PERCENT
50 and over
35 - 49
20 - 34
10 - 19
5 - 9
Under 5
UNITED STATES AVERAGE
9.8 percent
69-MP24
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

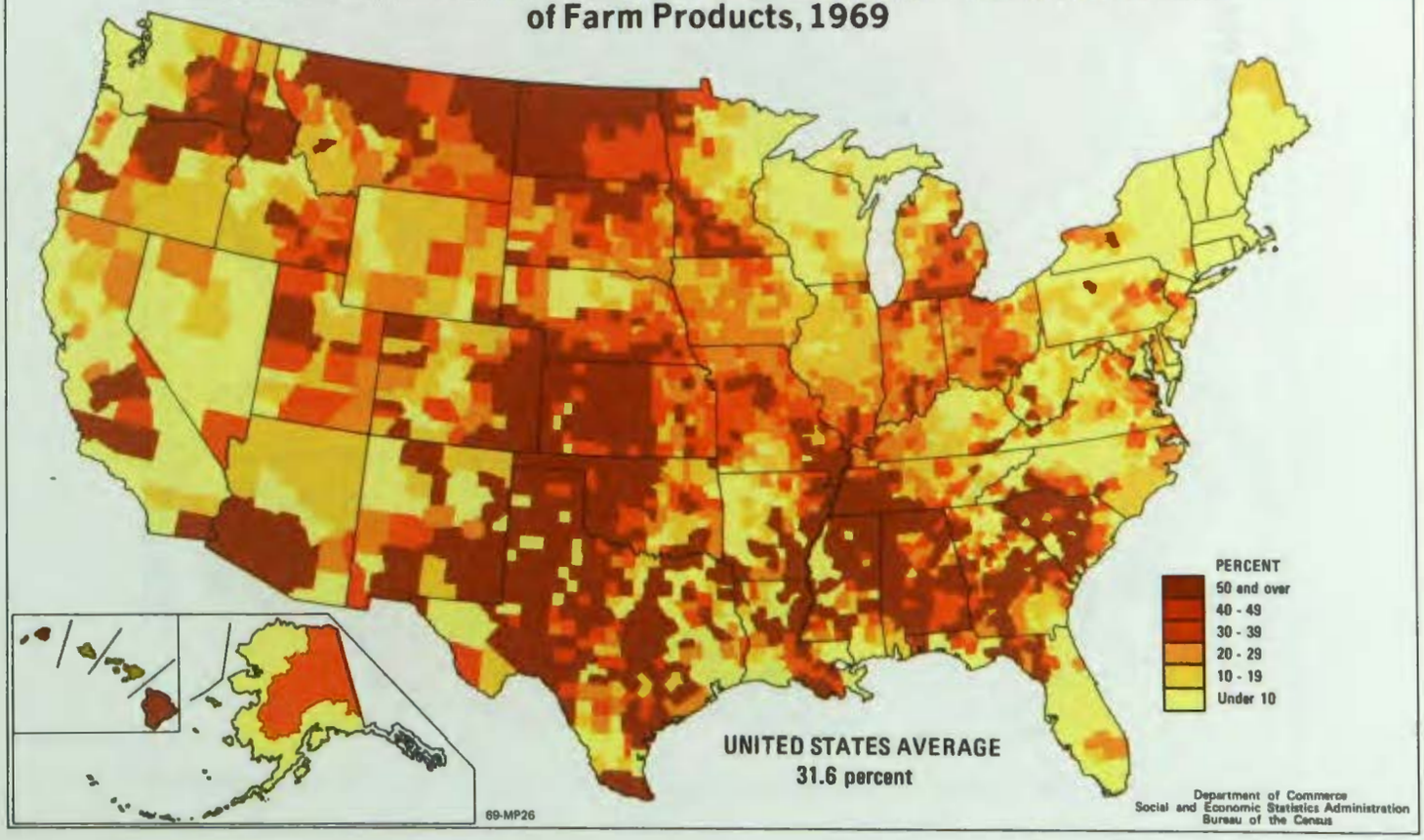

Income From Customwork and Other Agricultural Services, 1969
UNITED STATES
TOTAL
509,612,885
1 DOT - $100,000
69-M77
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

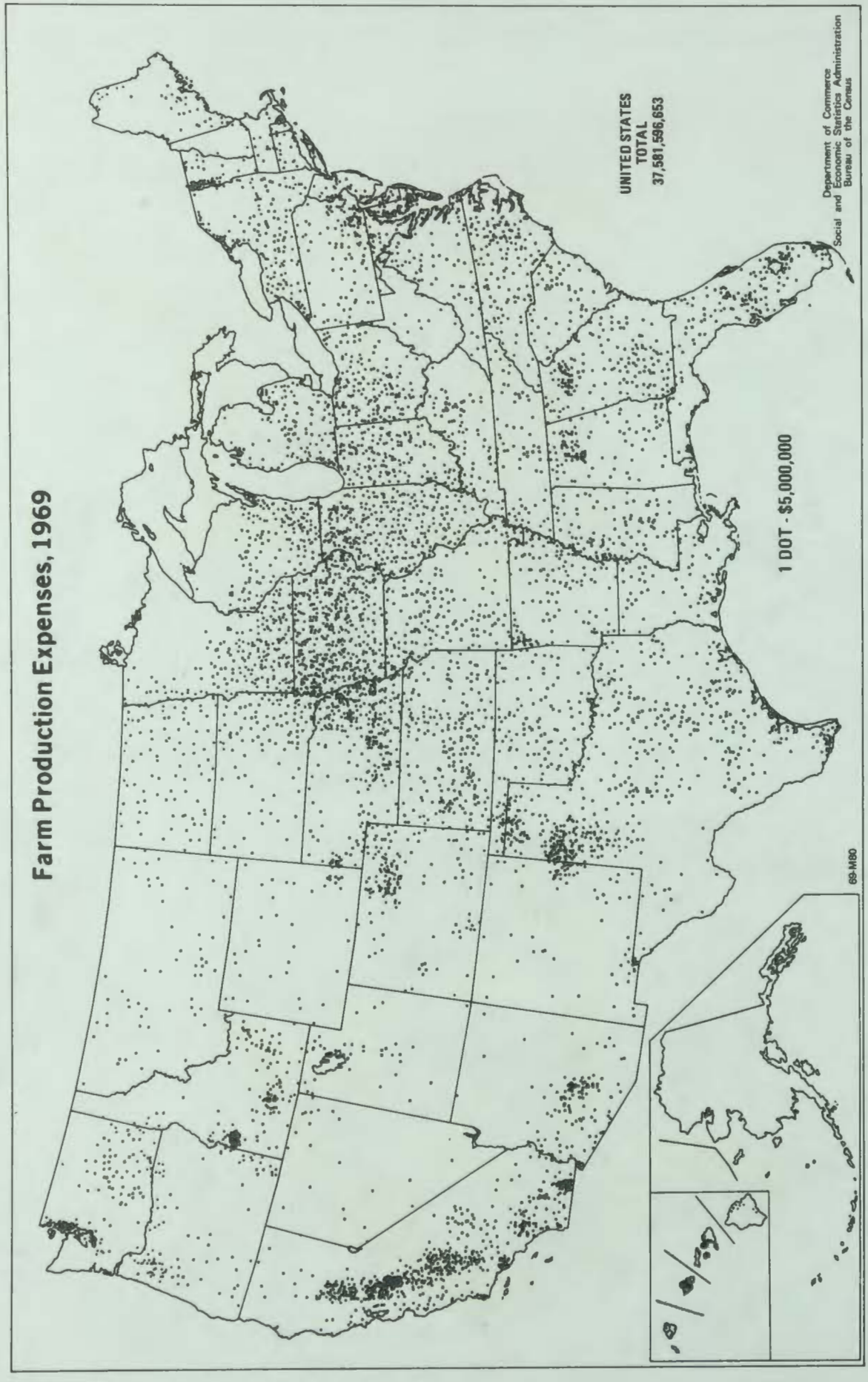

Income From Recreational Services, 1969
UNITED STATES
TOTAL
49,622,915
1 DOT - $10,000
69-M78
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

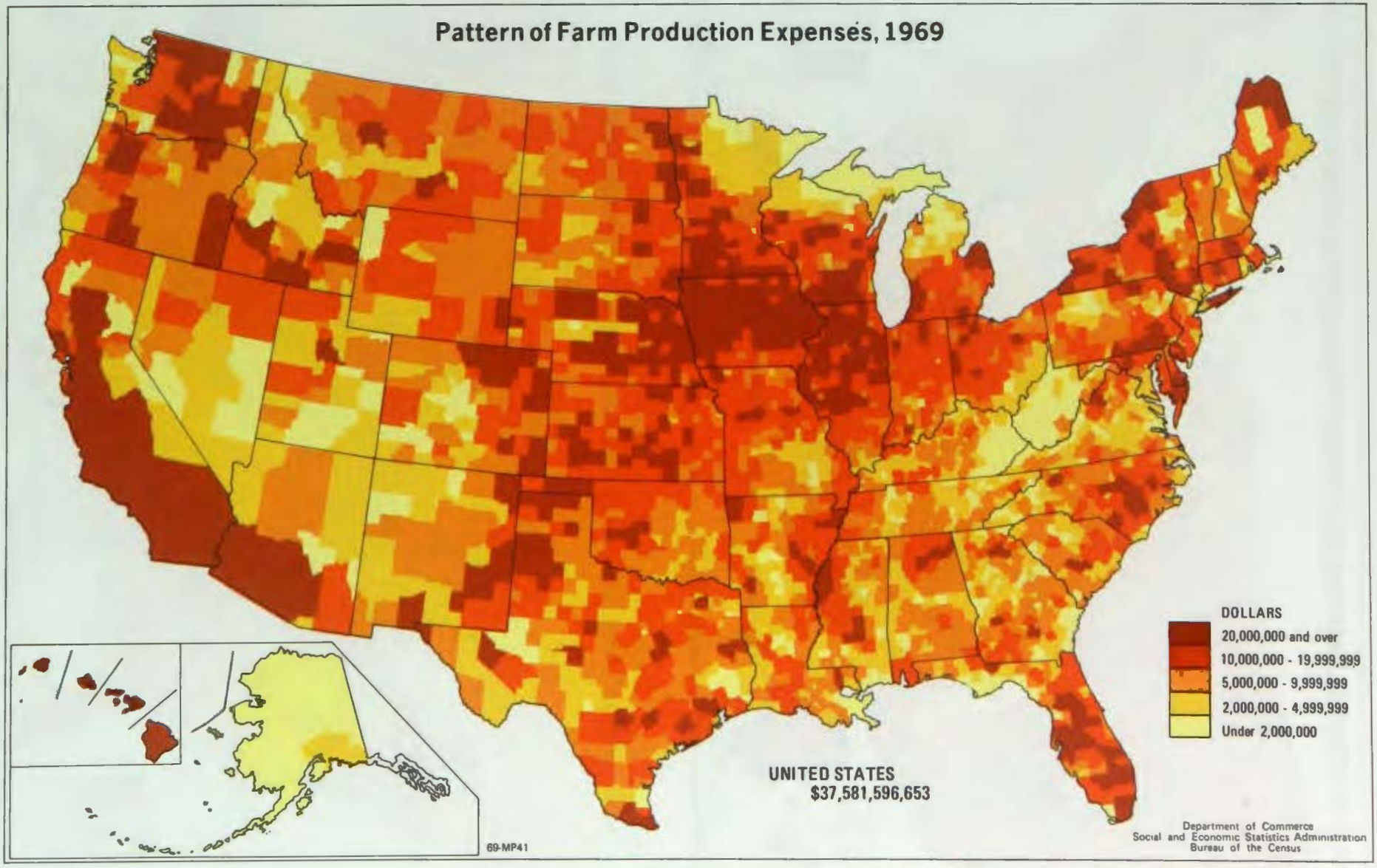
Income From Government Farm Programs as a Percent of Sales of Farm Products, 1969

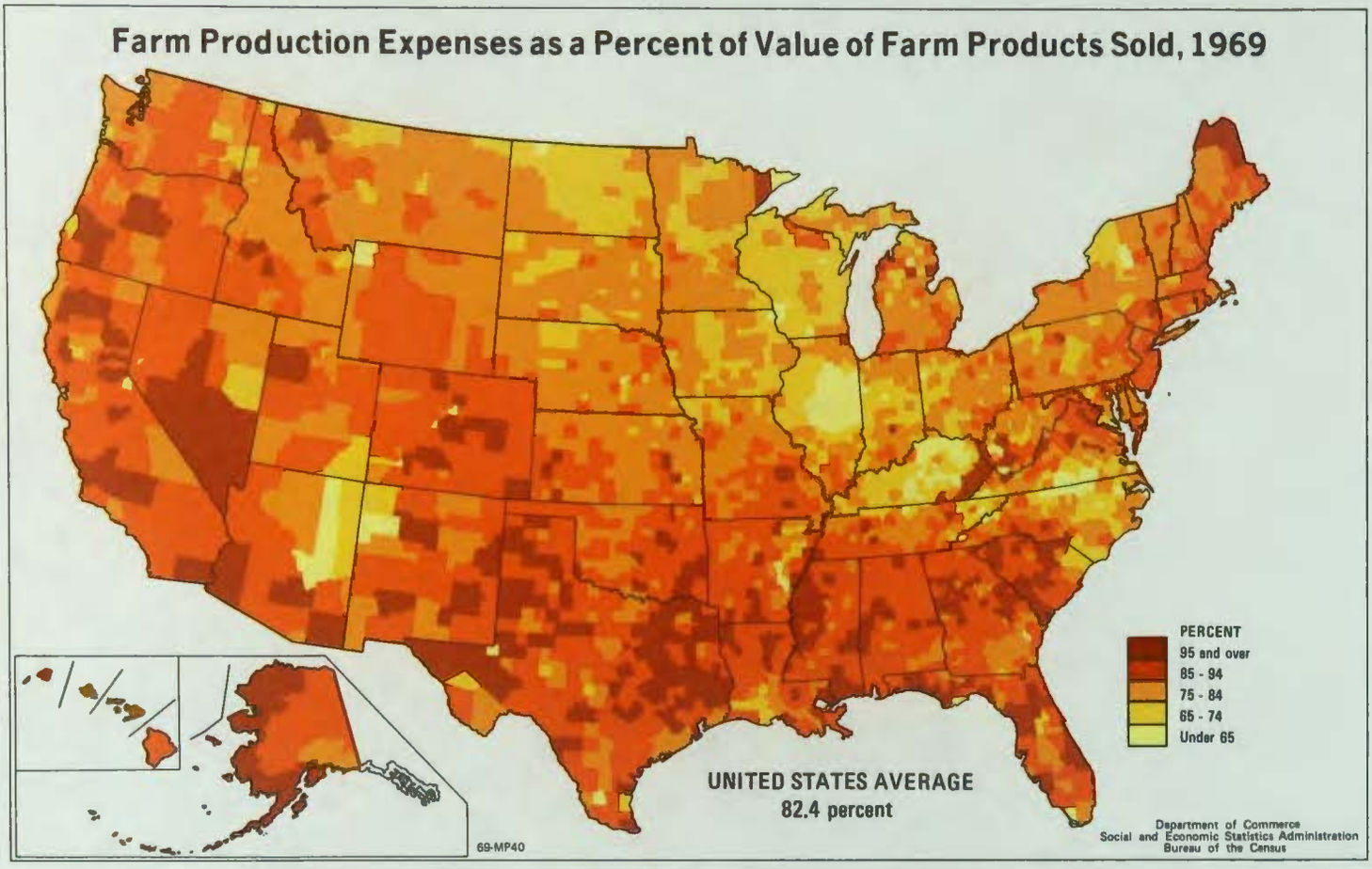


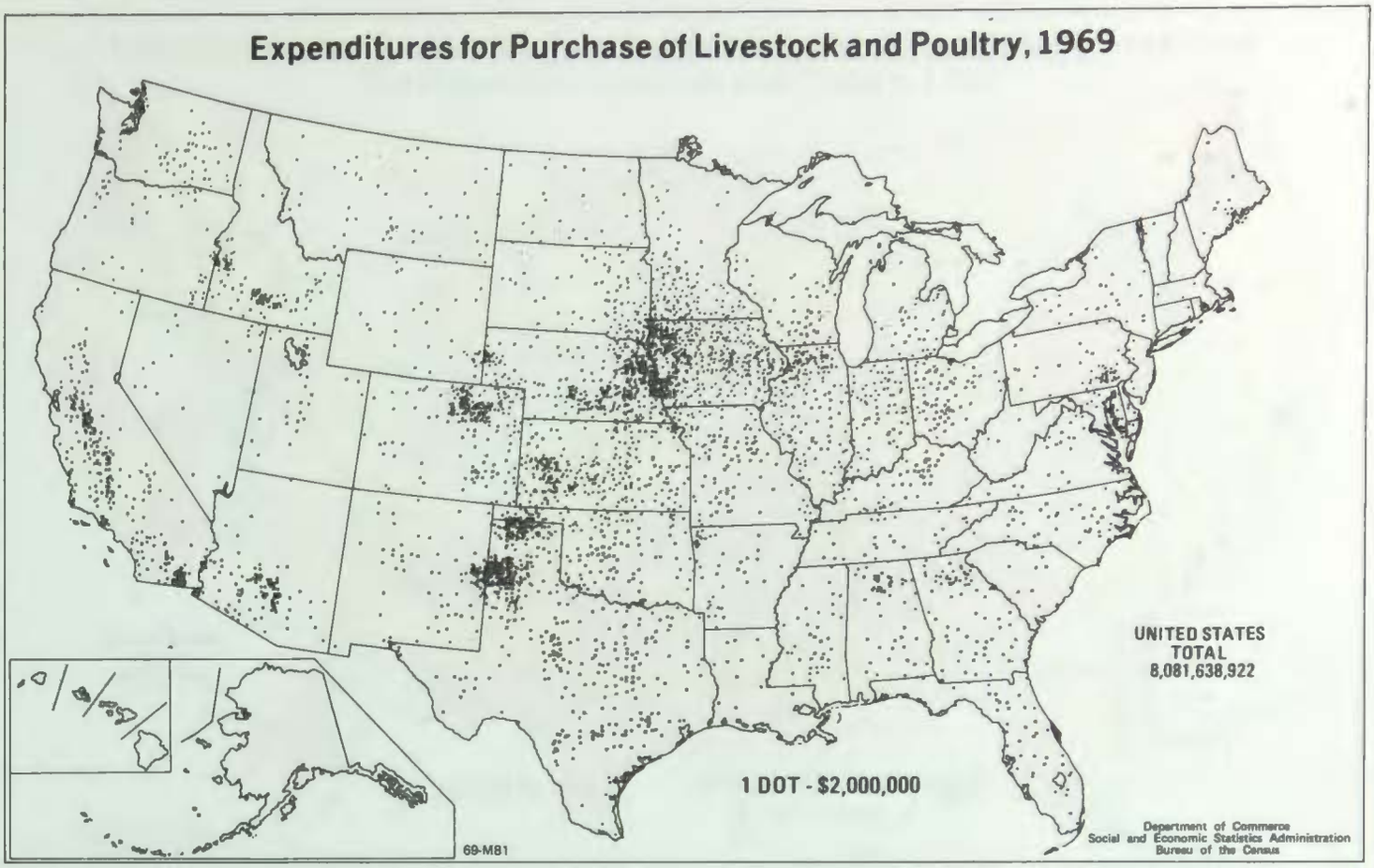
Income From Government Farm Programs as a Percent of Net Sales of Farm Products, 1969

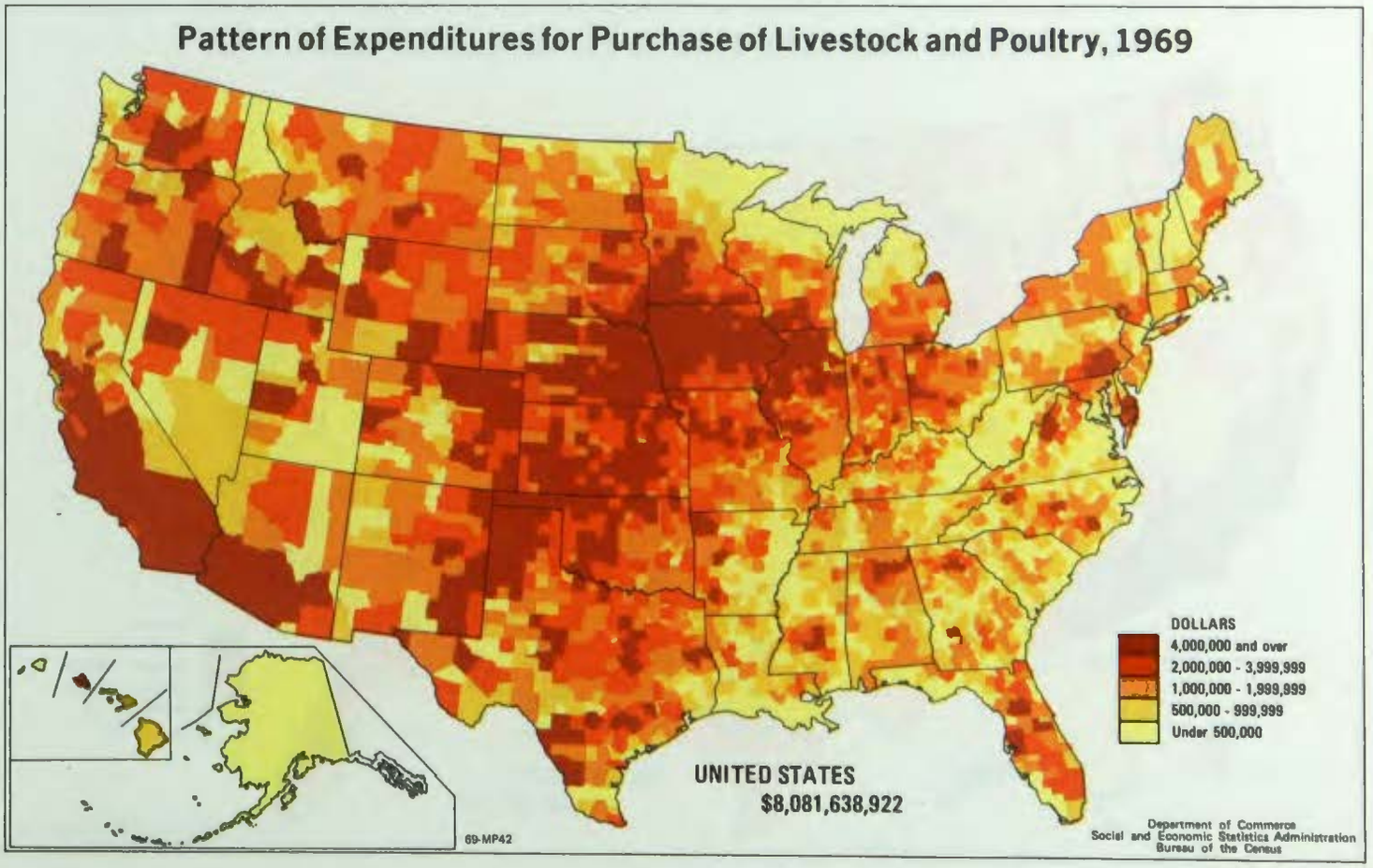



Farm Production Expenses, 1969
UNITED STATES
TOTAL
37,581,596,653
1 DOT - $5,000,000
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census
69-M80

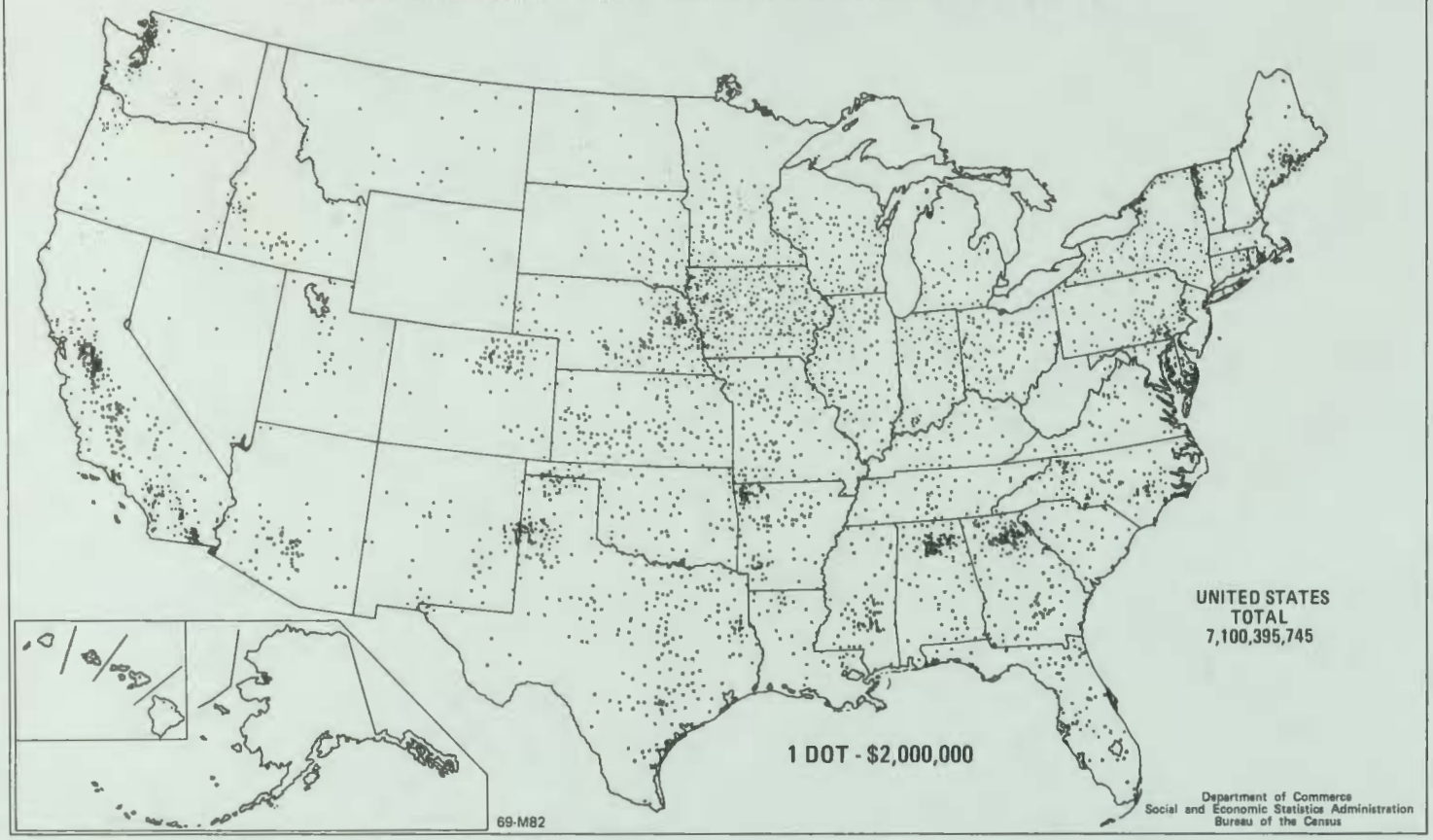

Pattern of Farm Production Expenses, 1969
DOLLARS
20,000,000 and over
10,000,000 - 19,999,999
5,000,000 - 9,999,999
2,000,000 - 4,999,999
Under 2,000,000
UNITED STATES
$37,581,596,653
69-MP41
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Farm Production Expenses as a Percent of Value of Farm Products Sold, 1969
PERCENT
95 and over
85 - 94
75 - 84
65 - 74
Under 65
UNITED STATES AVERAGE
82.4 percent
69-MP40
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

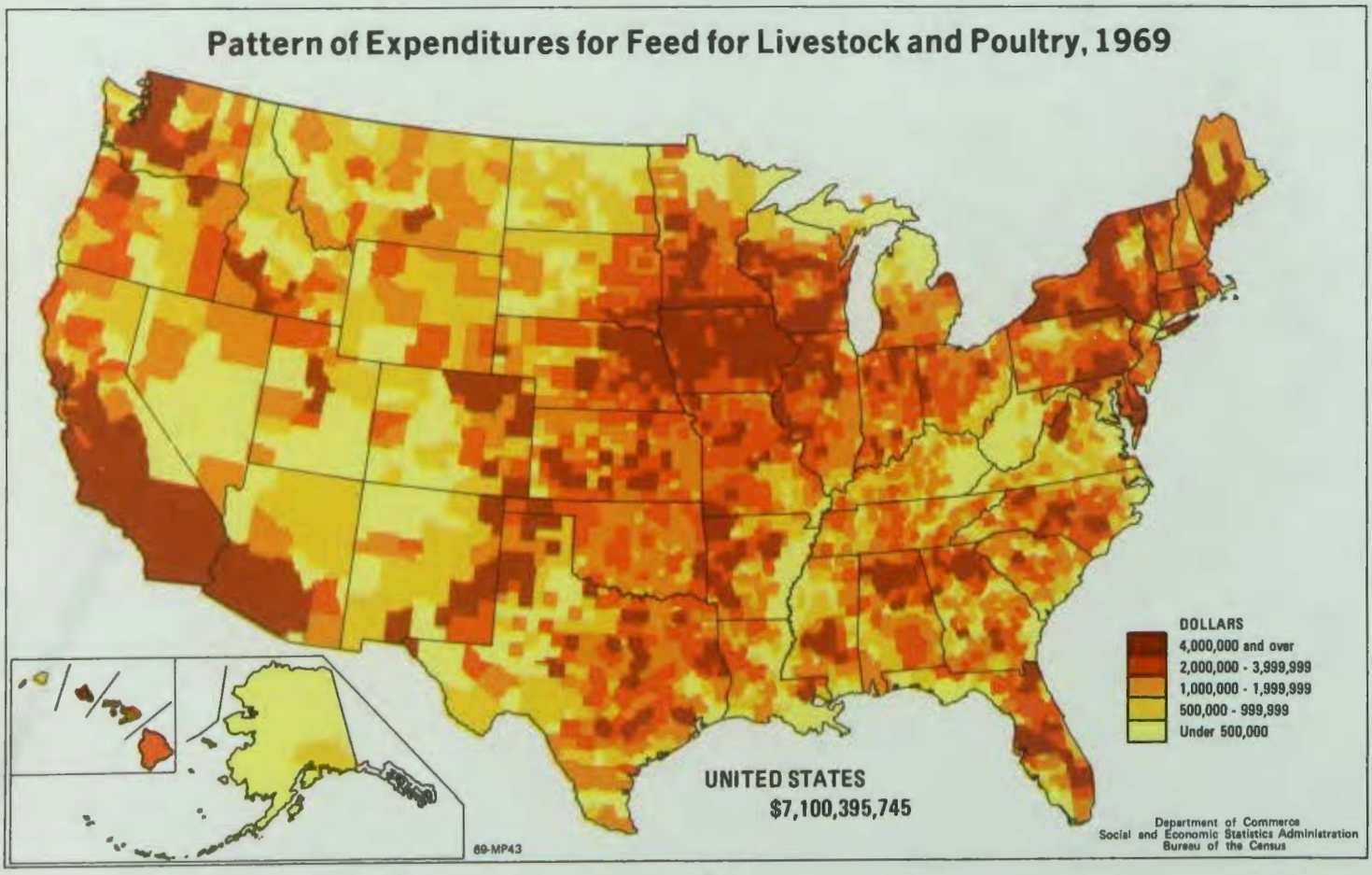

Expenditures for Purchase of Livestock and Poultry, 1969
UNITED STATES
TOTAL
8,081,638,922
1 DOT - $2,000,000
69-M81
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

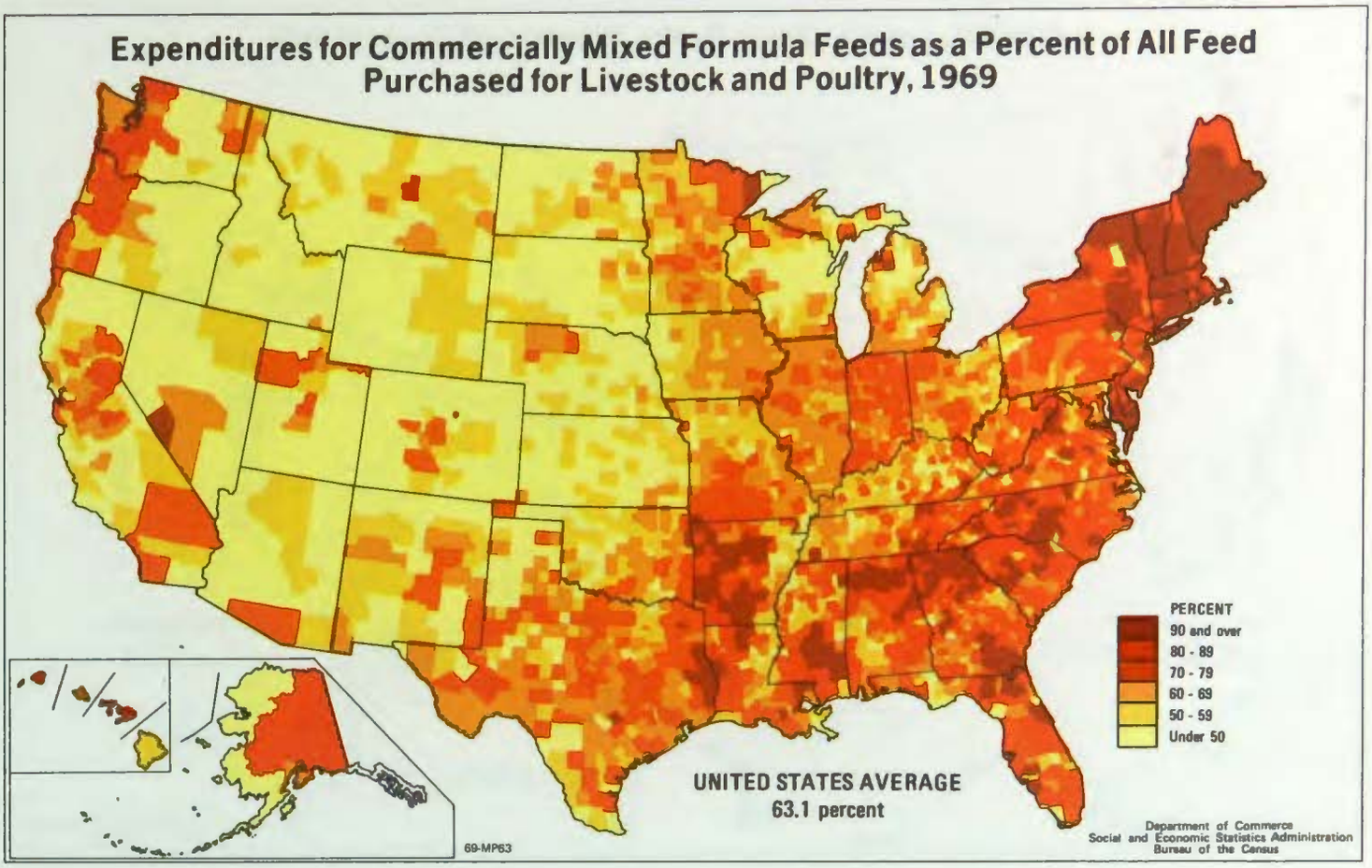

Pattern of Expenditures for Purchase of Livestock and Poultry, 1969
DOLLARS
4,000,000 and over
2,000,000 - 3,999,999
1,000,000 - 1,999,999
500,000 - 999,999
Under 500,000
UNITED STATES
$8,081,638,922
69-MP42
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

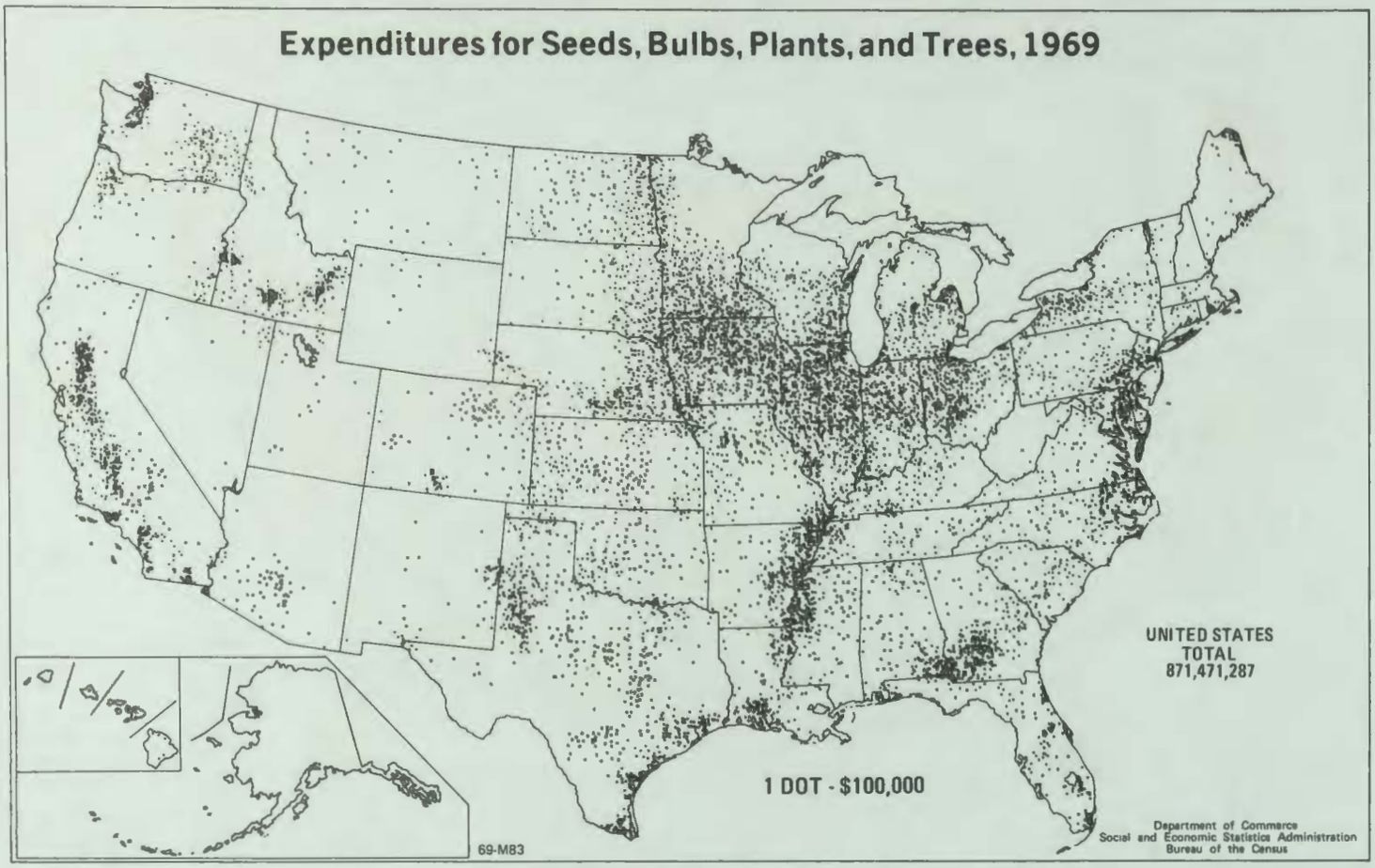
Expenditures for Feed for Livestock and Poultry, 1969

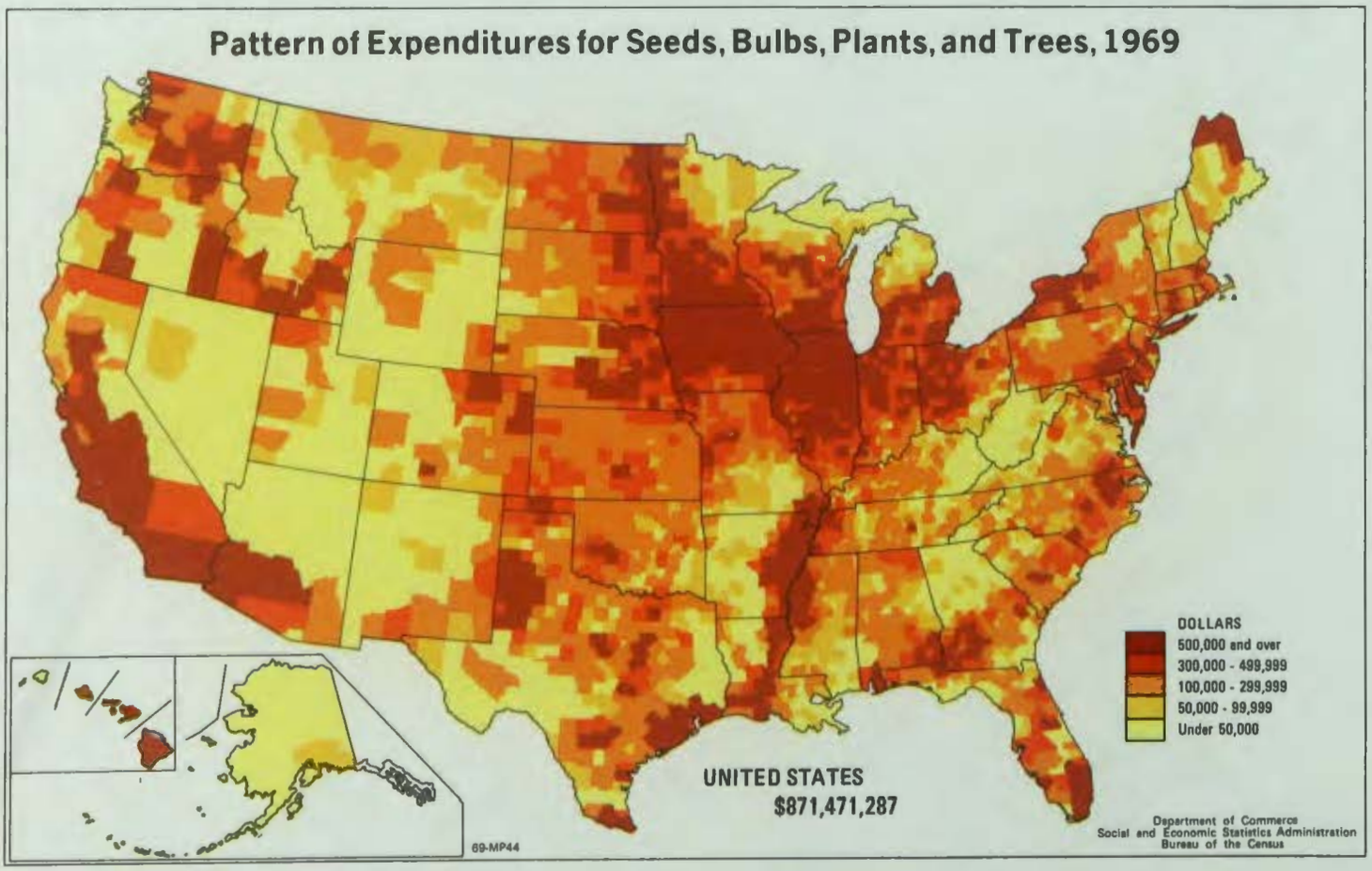


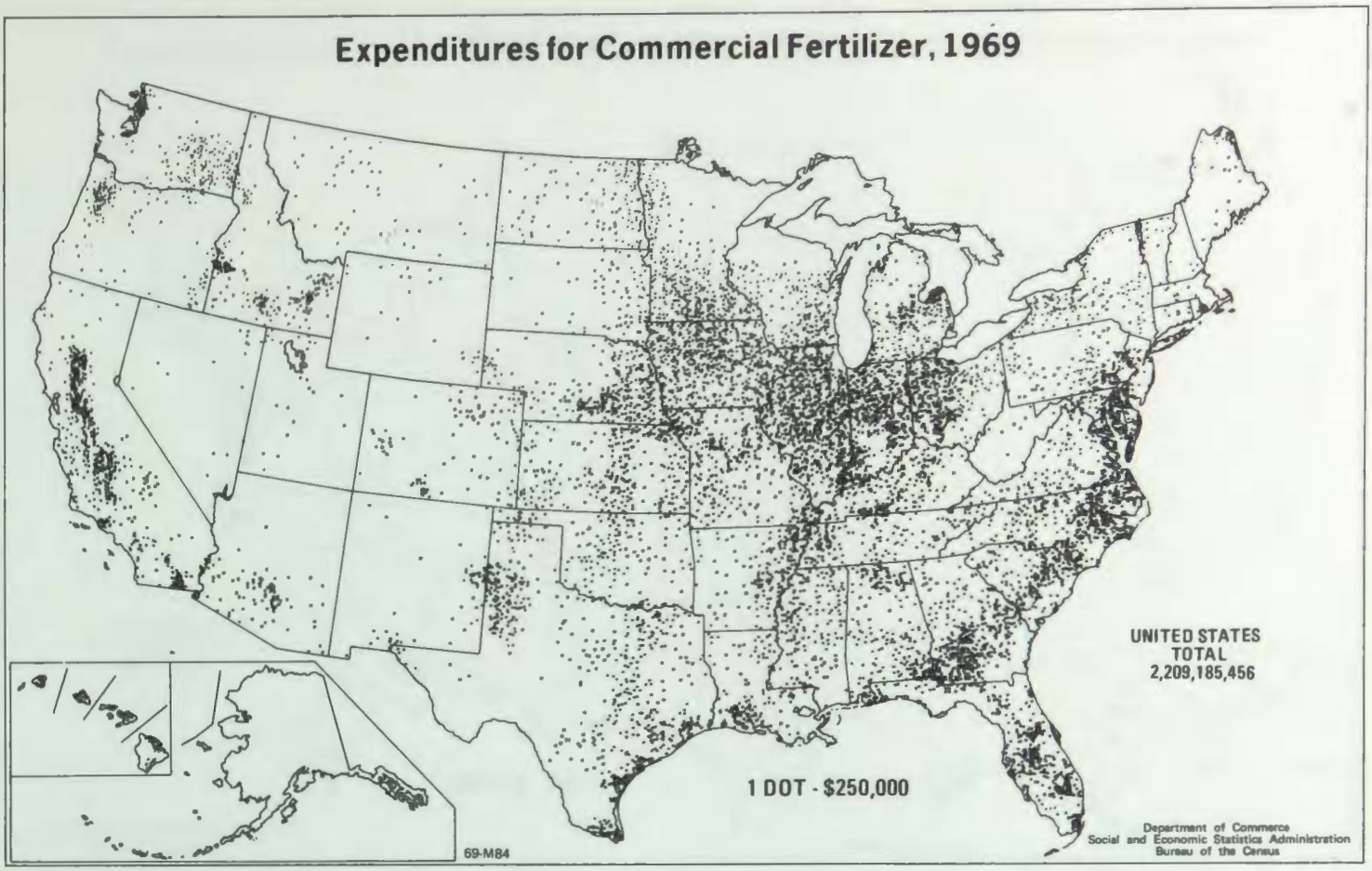
Pattern of Expenditures for Feed for Livestock and Poultry, 1969

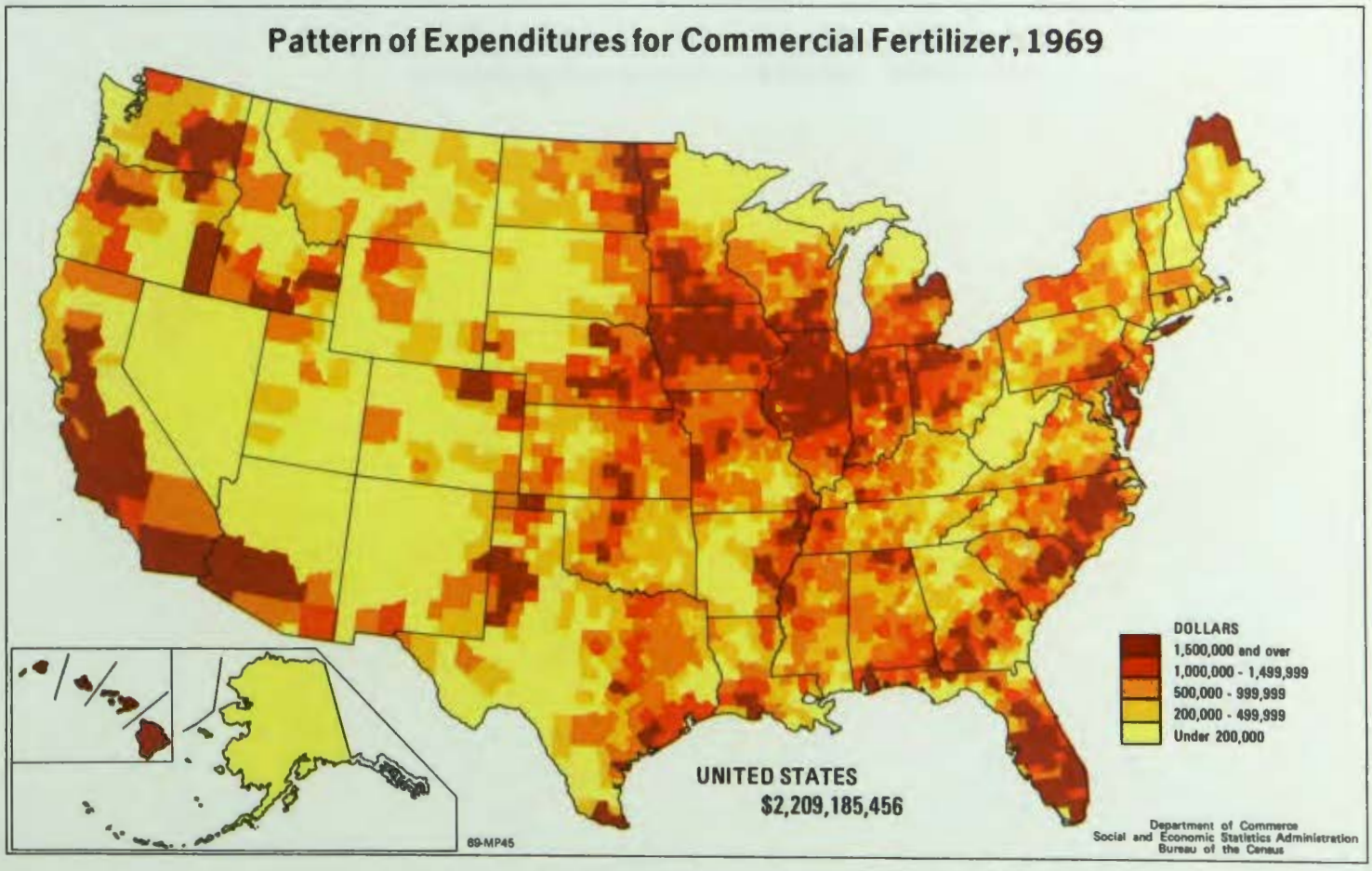


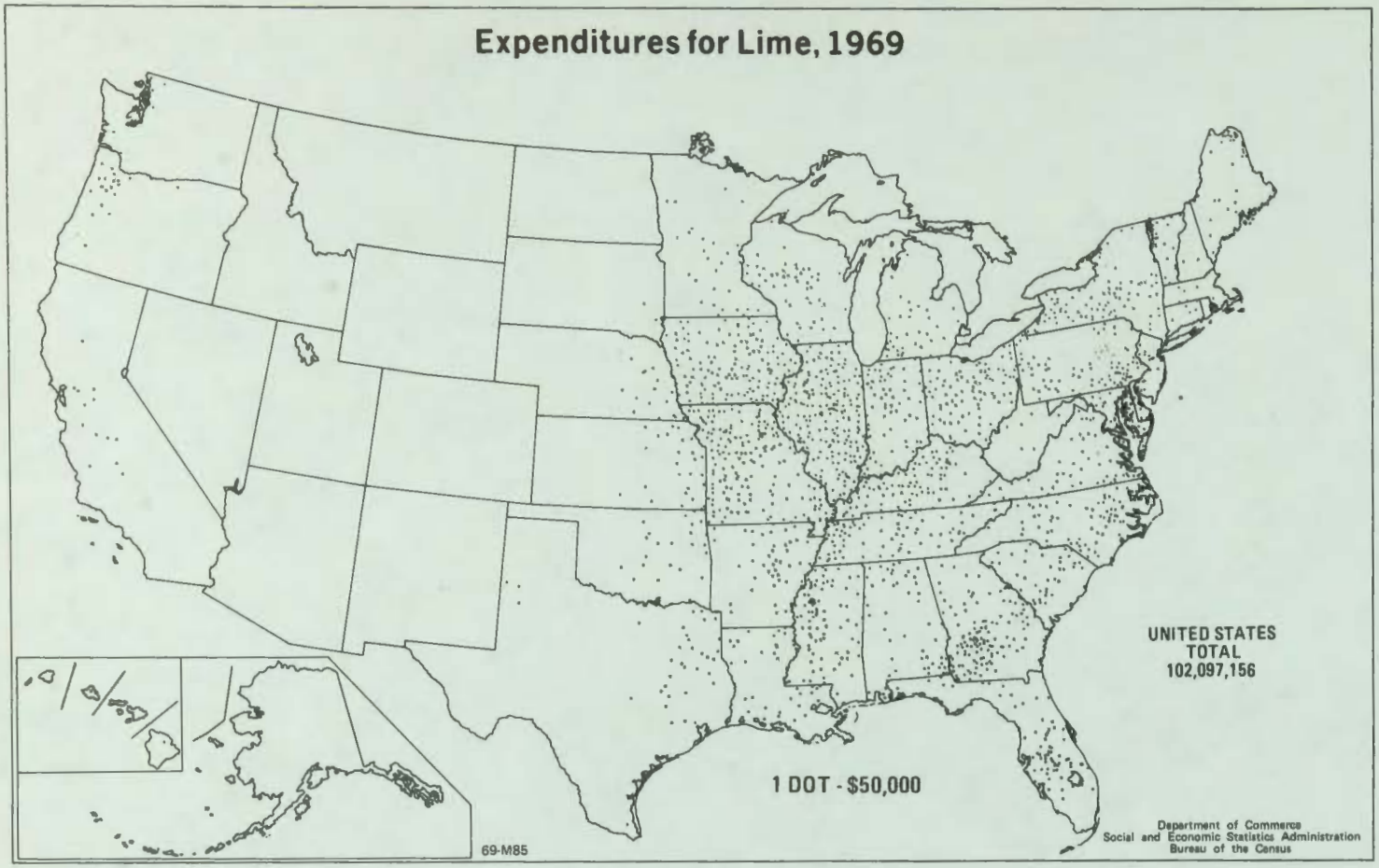

Expenditures for Commercially Mixed Formula Feeds as a Percent of All Feed Purchased for Livestock and Poultry, 1969
PERCENT
90 and over
80 - 89
70 - 79
60 - 69
50 - 59
Under 50
UNITED STATES AVERAGE
63.1 percent
69-MP63
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Expenditures for Seeds, Bulbs, Plants, and Trees, 1969
UNITED STATES
TOTAL
871,471,287
1 DOT - $100,000
69-M83
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

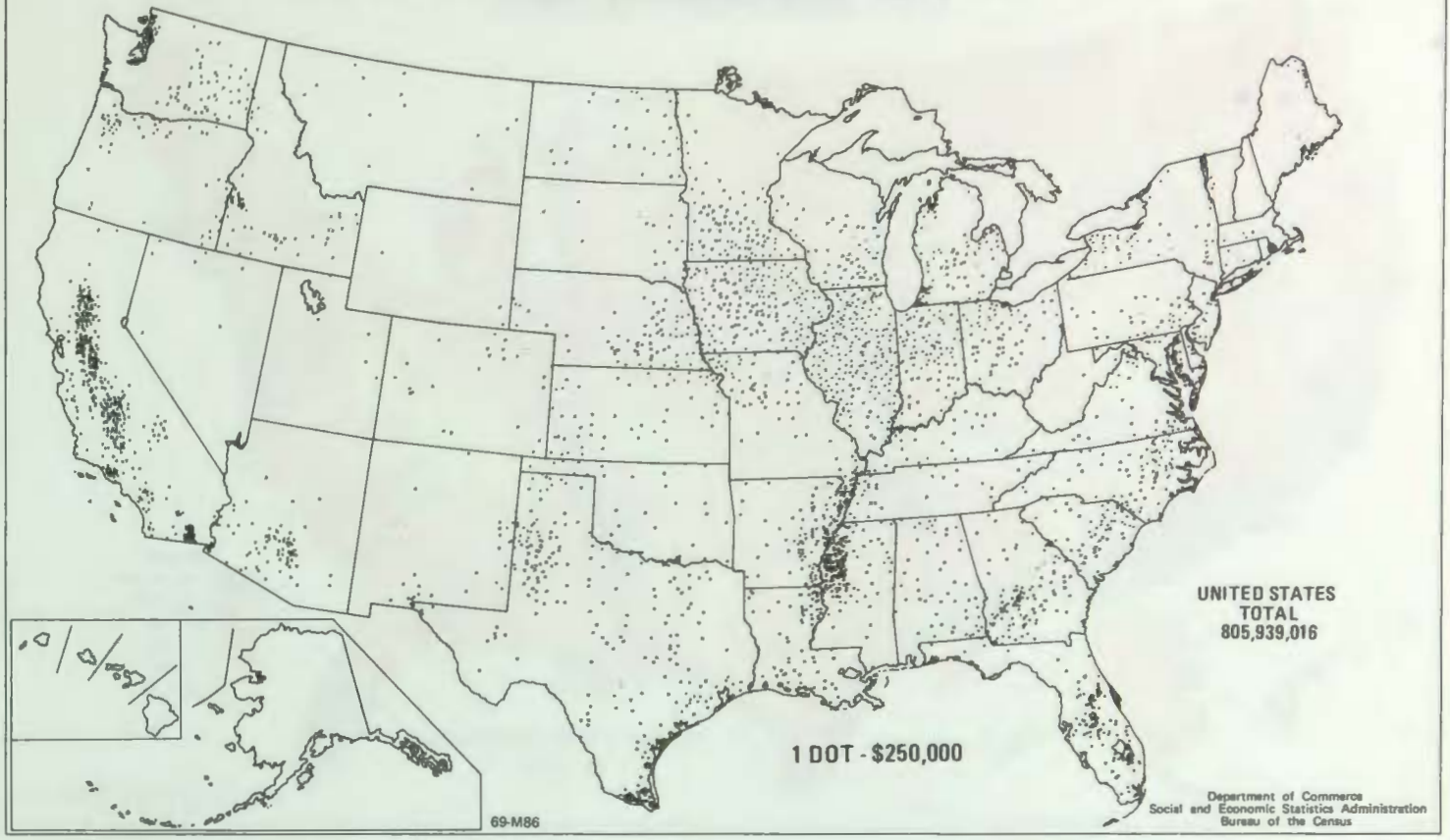

Pattern of Expenditures for Seeds, Bulbs, Plants, and Trees, 1969
DOLLARS
500,000 and over
300,000 - 499,999
100,000 - 299,999
50,000 - 99,999
Under 50,000
UNITED STATES
$871,471,287
69-MP44
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Expenditures for Commercial Fertilizer, 1969
UNITED STATES
TOTAL
2,209,185,456
1 DOT - $250,000
69-M84
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

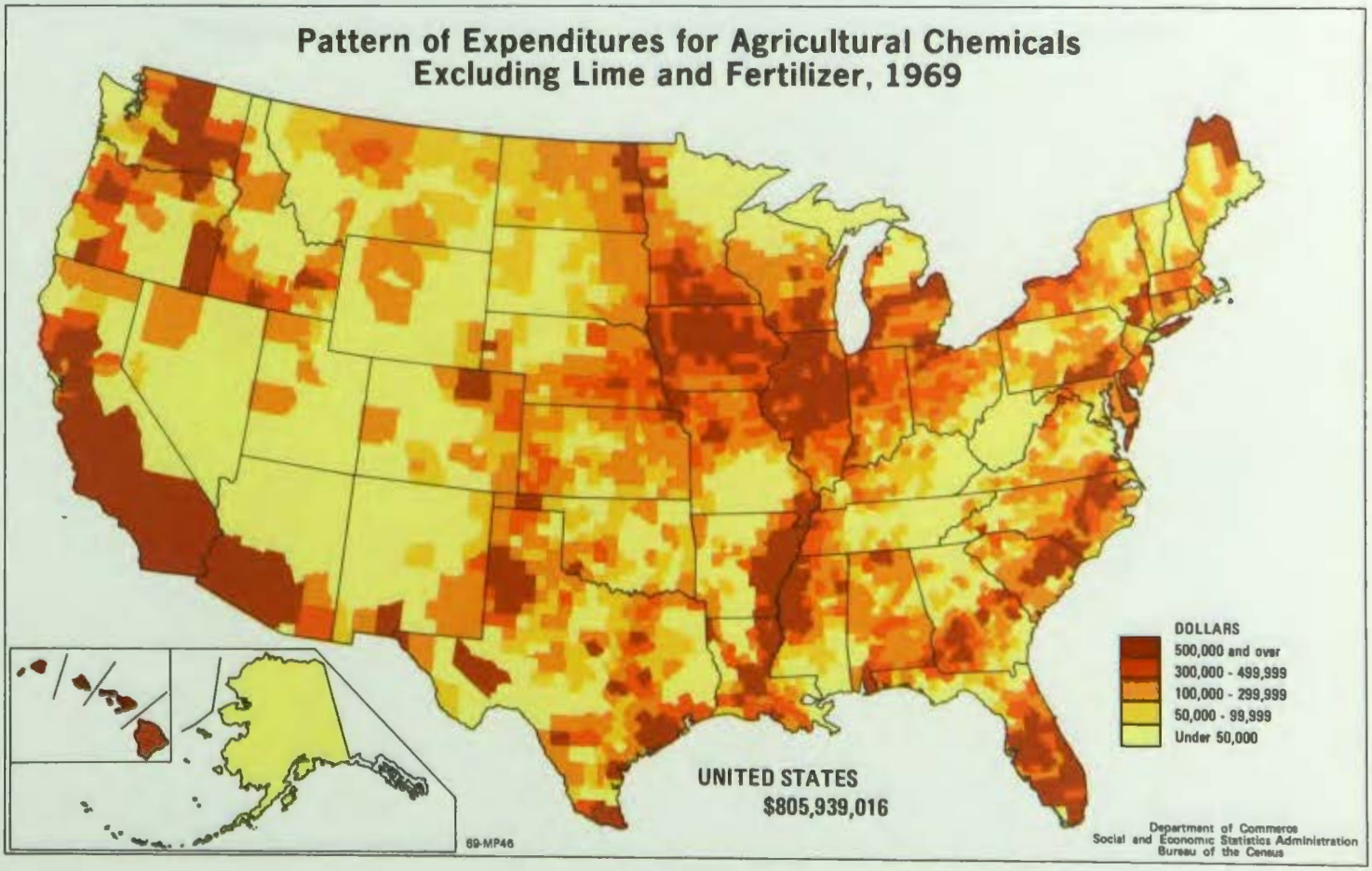

Pattern of Expenditures for Commercial Fertilizer, 1969
DOLLARS
1,500,000 and over
1,000,000 - 1,499,999
500,000 - 999,999
200,000 - 499,999
Under 200,000
UNITED STATES
$2,209,185,456
89-MP45
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

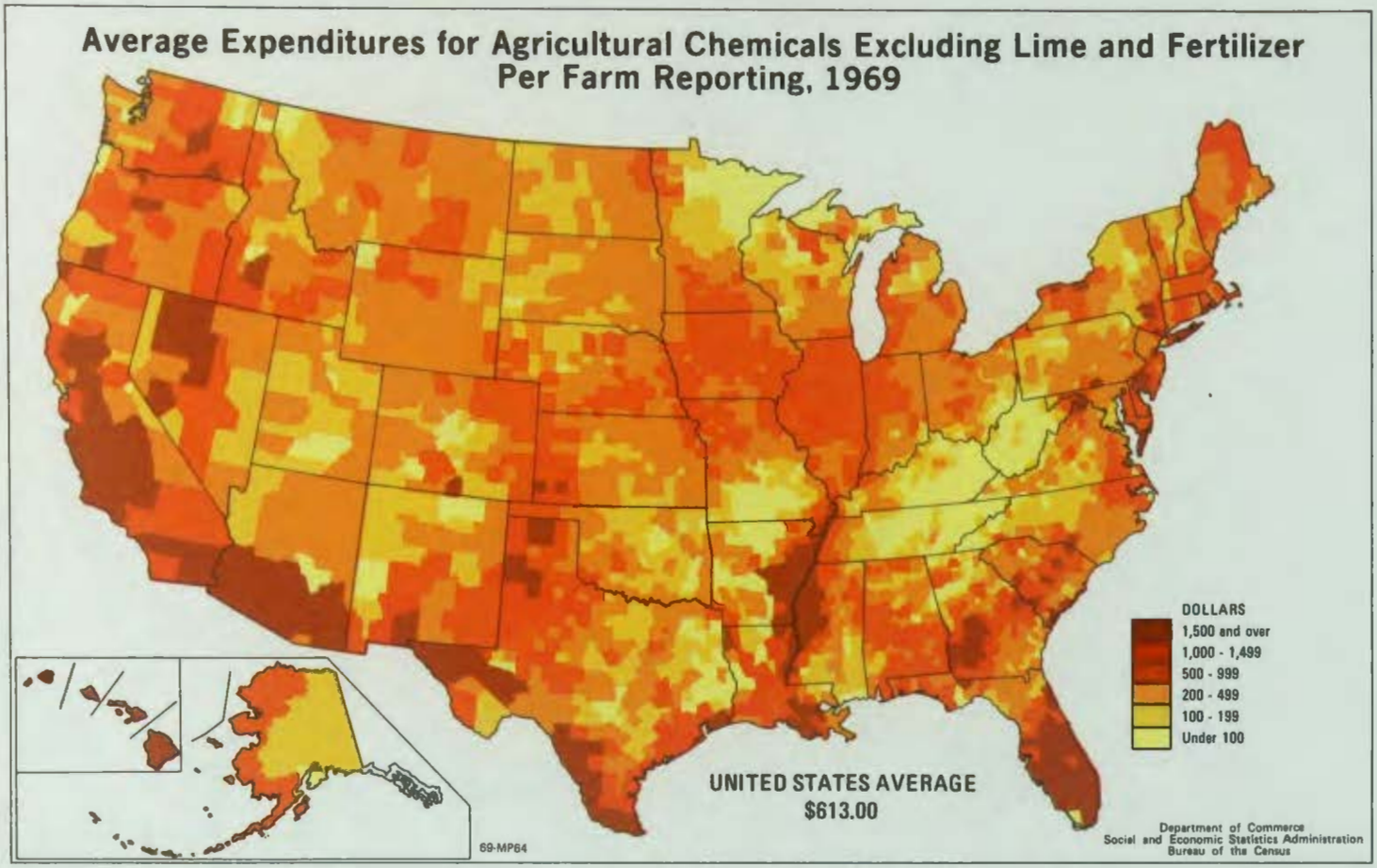

Expenditures for Lime, 1969
UNITED STATES
TOTAL
102,097,156
1 DOT - $50,000
69-M85
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

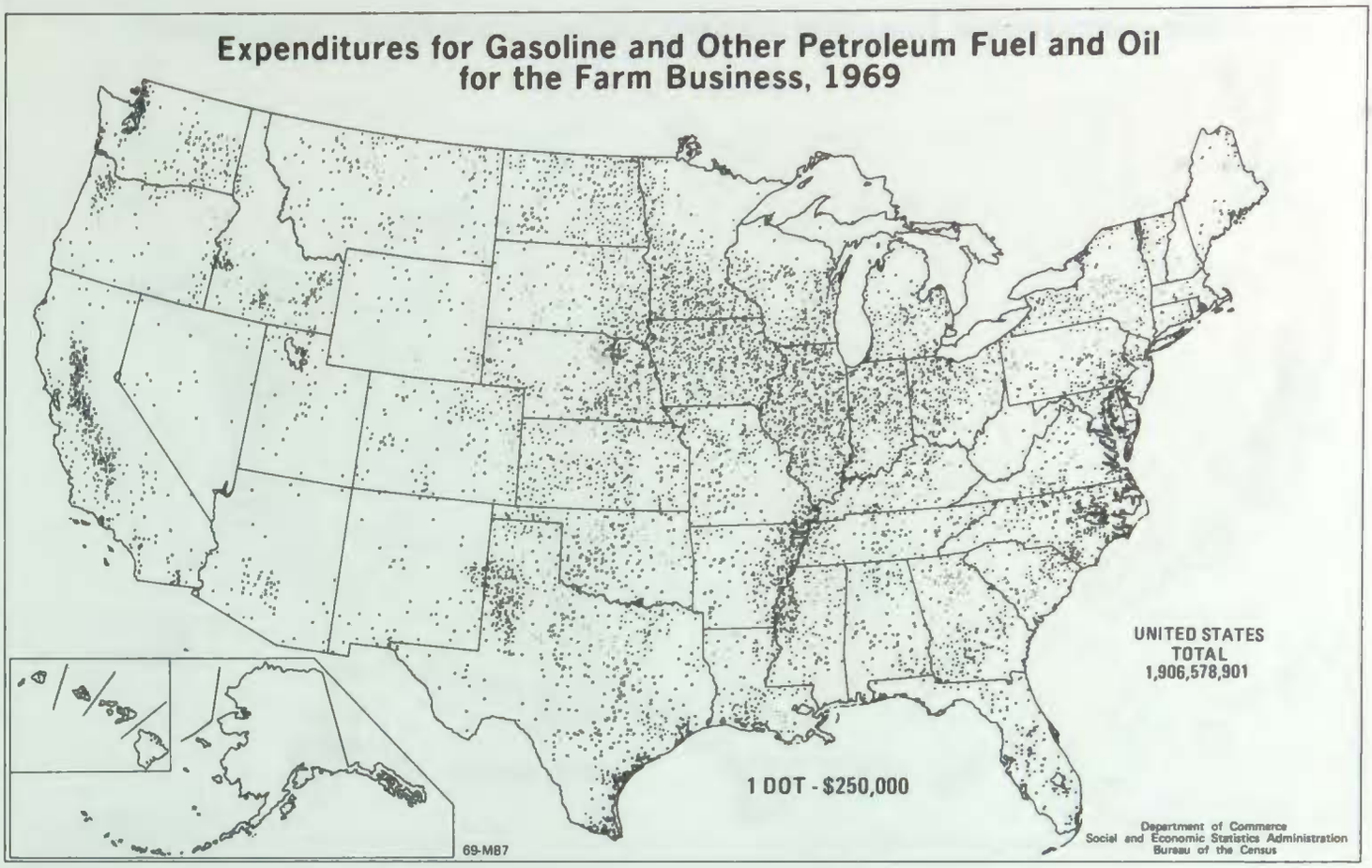
Expenditures for Agricultural Chemicals Excluding Lime and Fertilizer, 1969

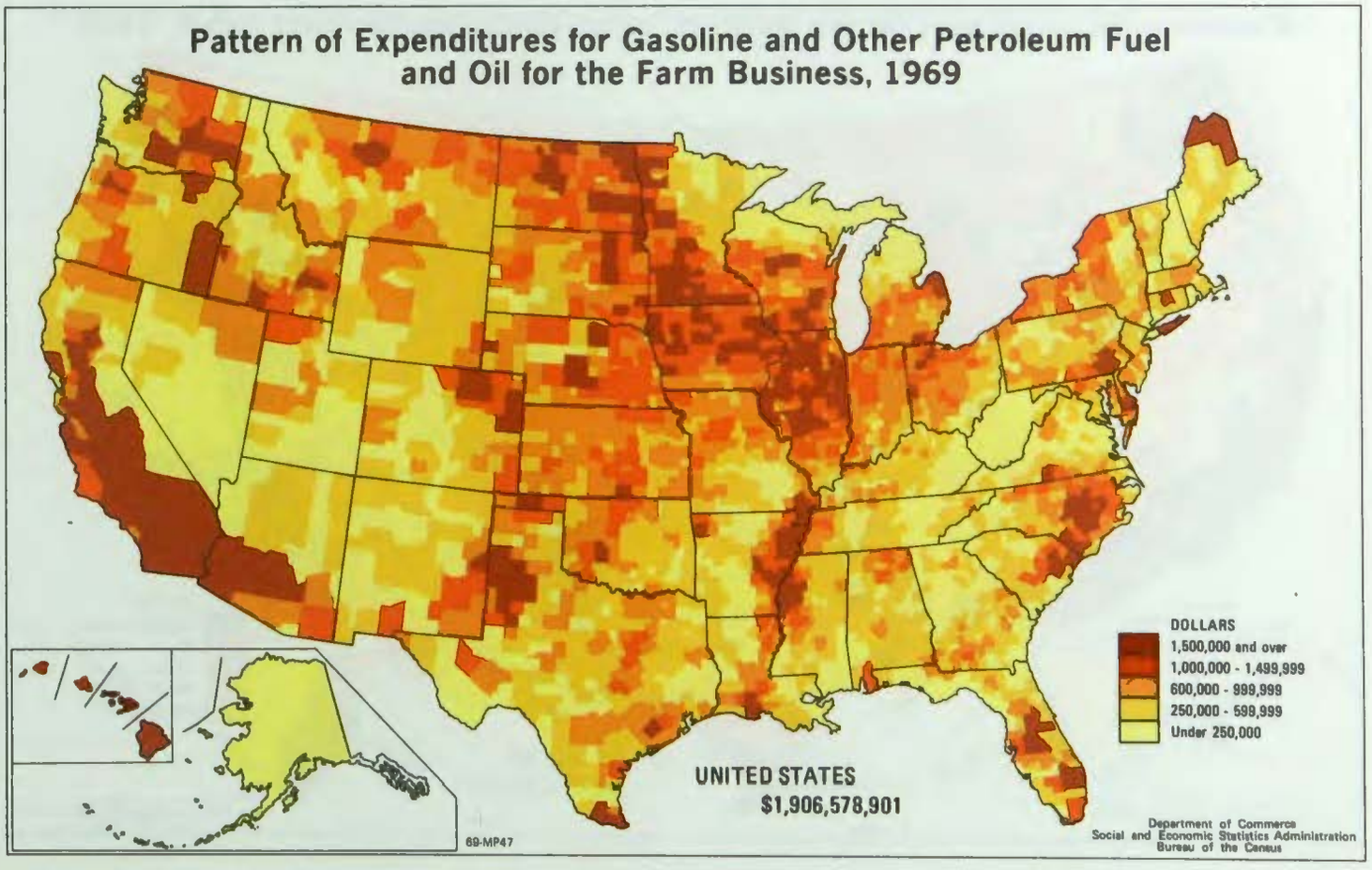


Pattern of Expenditures for Agricultural Chemicals Excluding Lime and Fertilizer, 1969

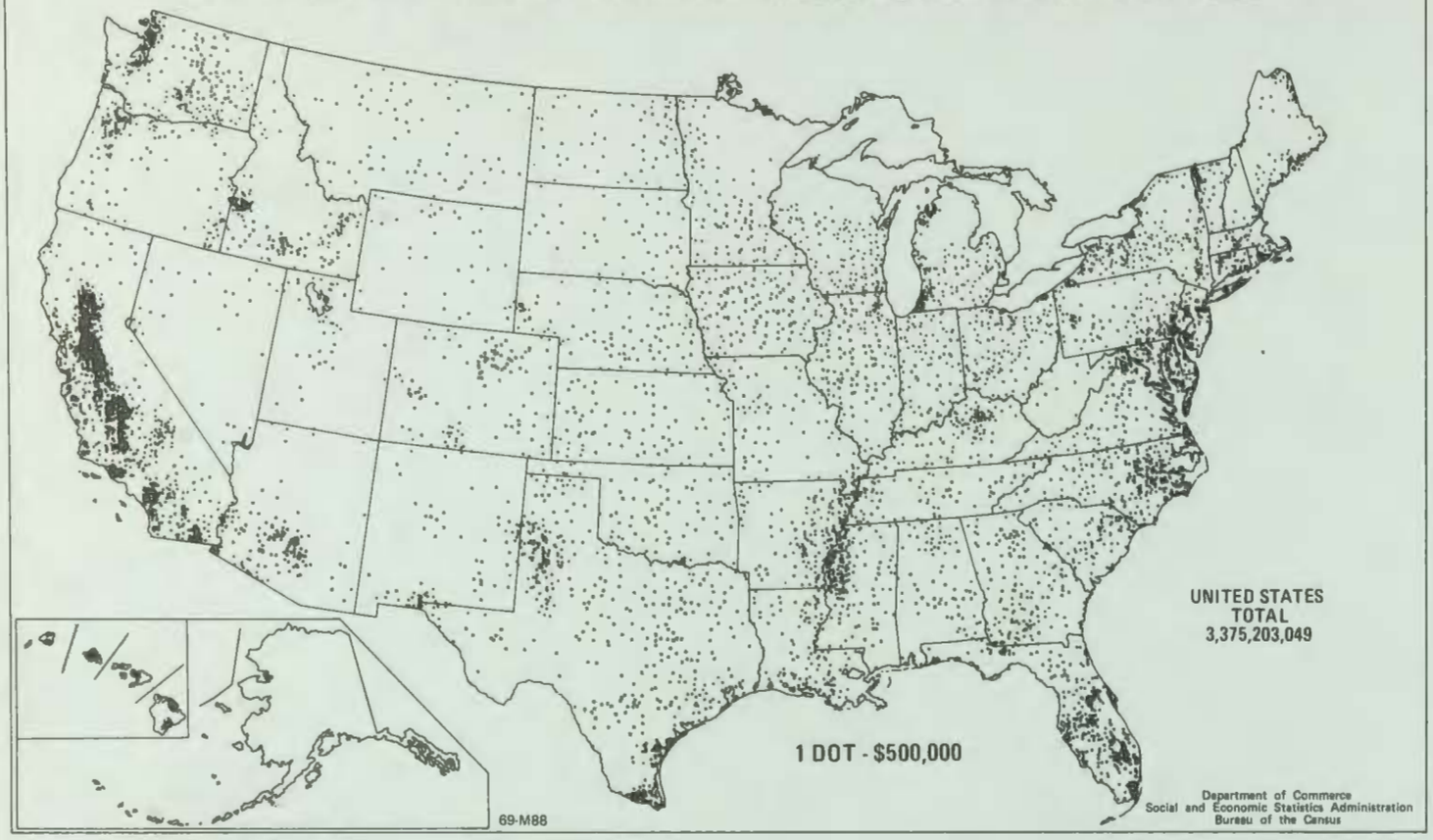



Average Expenditures for Agricultural Chemicals Excluding Lime and Fertilizer Per Farm Reporting, 1969
DOLLARS
1,500 and over
1,000 - 1,499
500 - 999
200 - 499
100 - 199
Under 100
UNITED STATES AVERAGE
$613.00
69-MP64
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Expenditures for Gasoline and Other Petroleum Fuel and Oil for the Farm Business, 1969
UNITED STATES TOTAL 1,906,578,901
1 DOT - $250,000
69-MB7
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

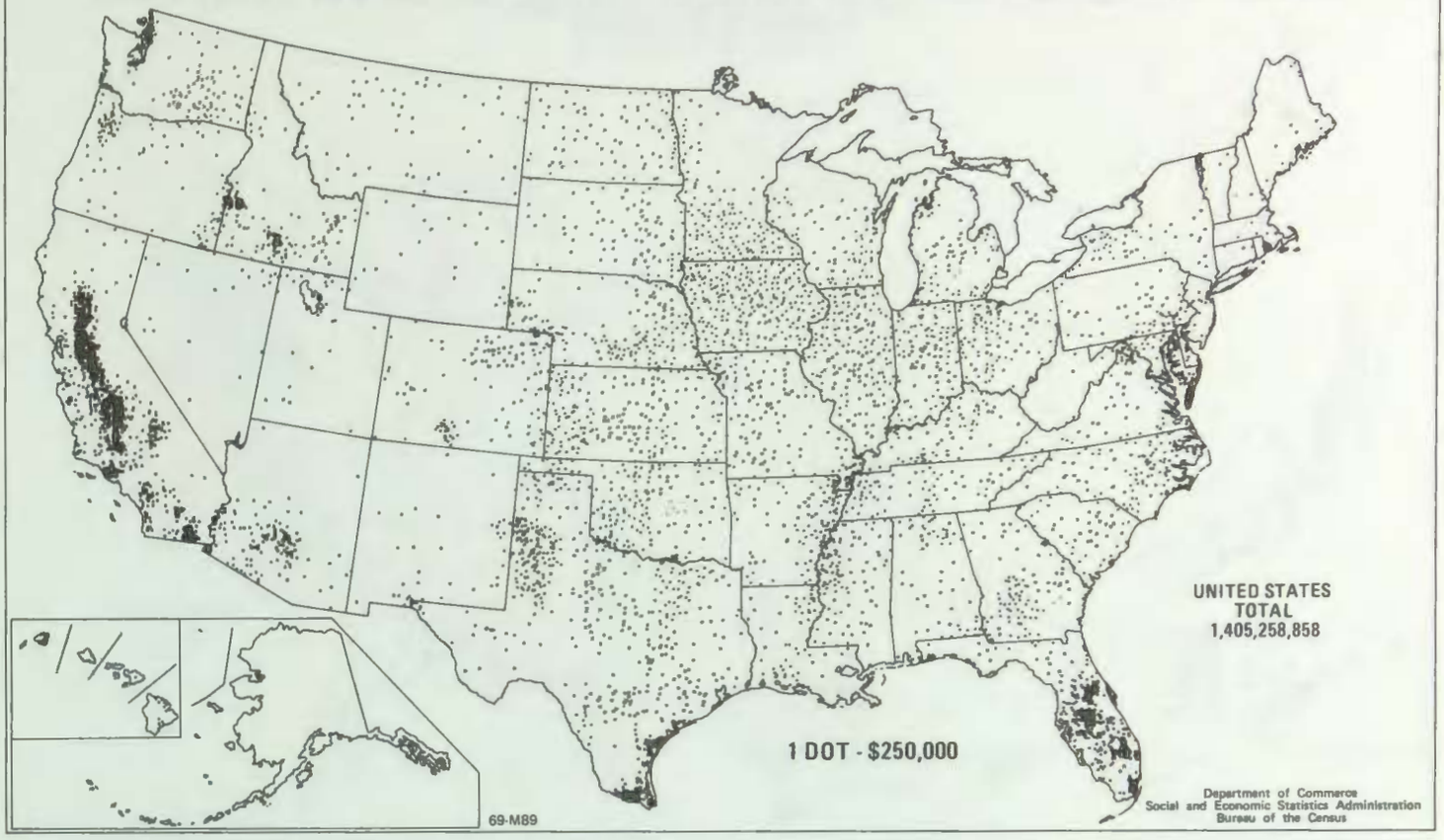

Pattern of Expenditures for Gasoline and Other Petroleum Fuel and Oil for the Farm Business, 1969
DOLLARS
1,500,000 and over
1,000,000 - 1,499,999
600,000 - 999,999
250,000 - 599,999
Under 250,000
UNITED STATES
$1,906,578,901
69-MP47
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

Expenditures for Hired Farm Labor Excluding Contract Labor, 1969

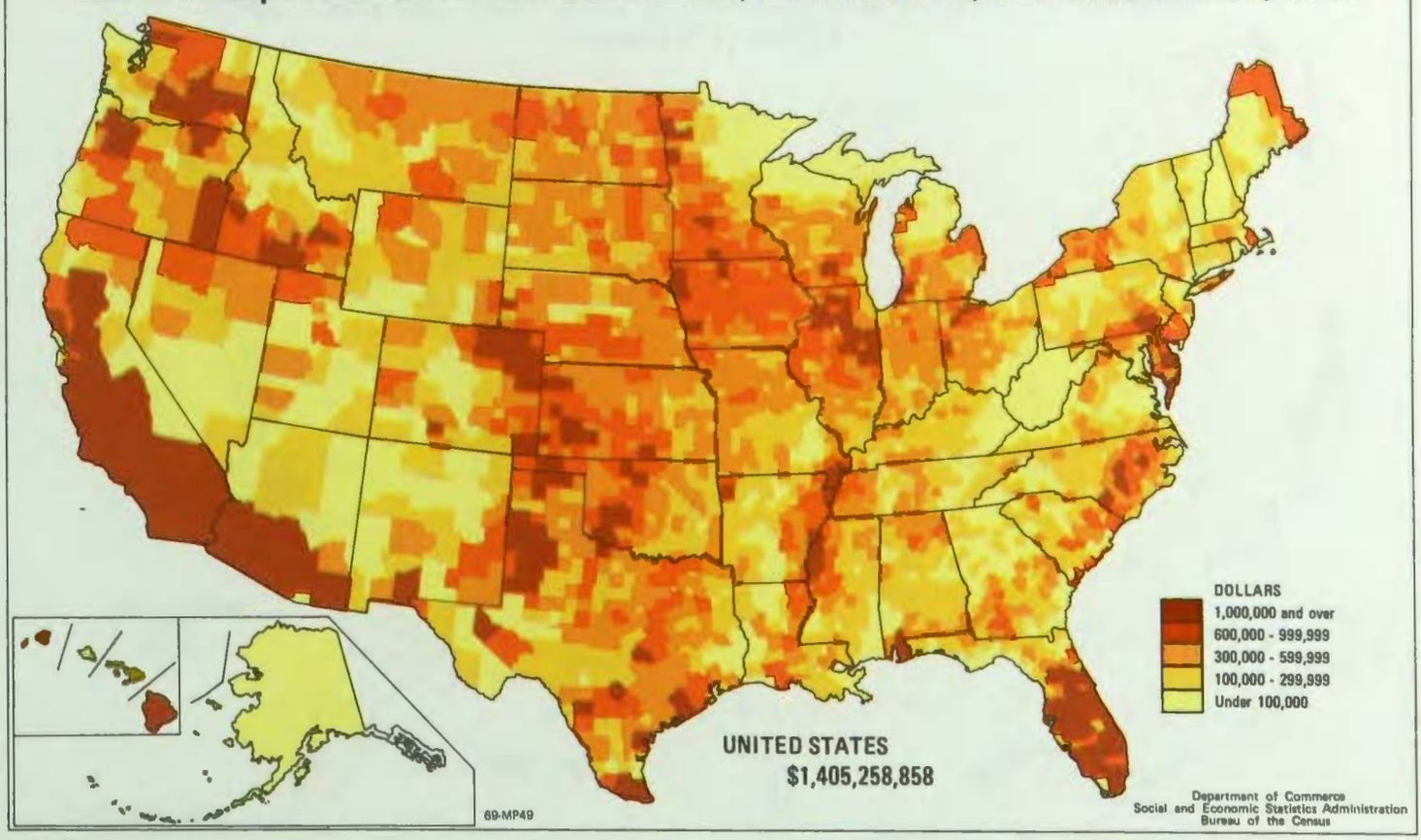


Pattern of Expenditures for Hired Farm Labor Excluding Contract Labor, 1969

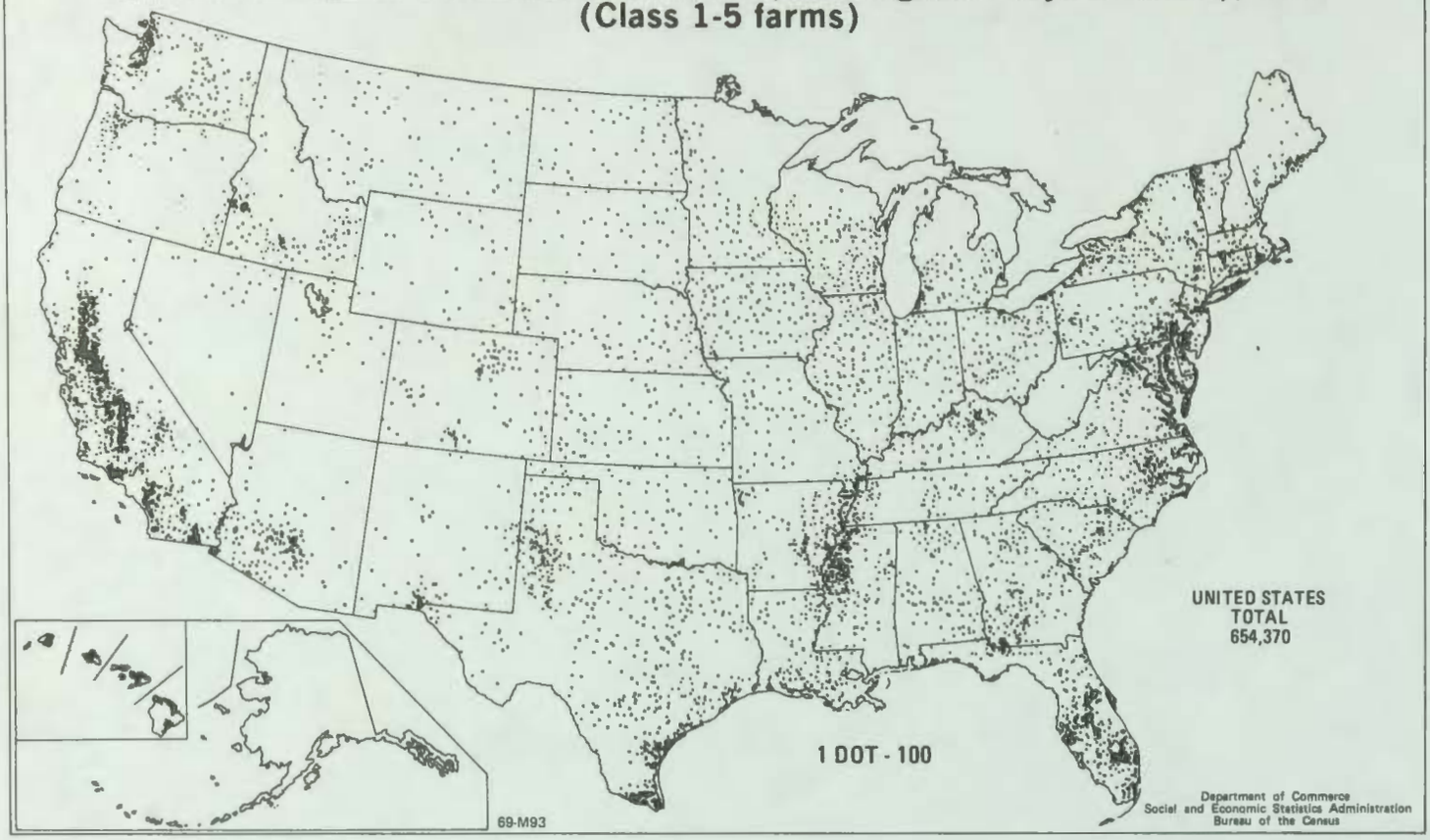
Expenditures for Contract Labor, Machine Hire, and Customwork, 1969



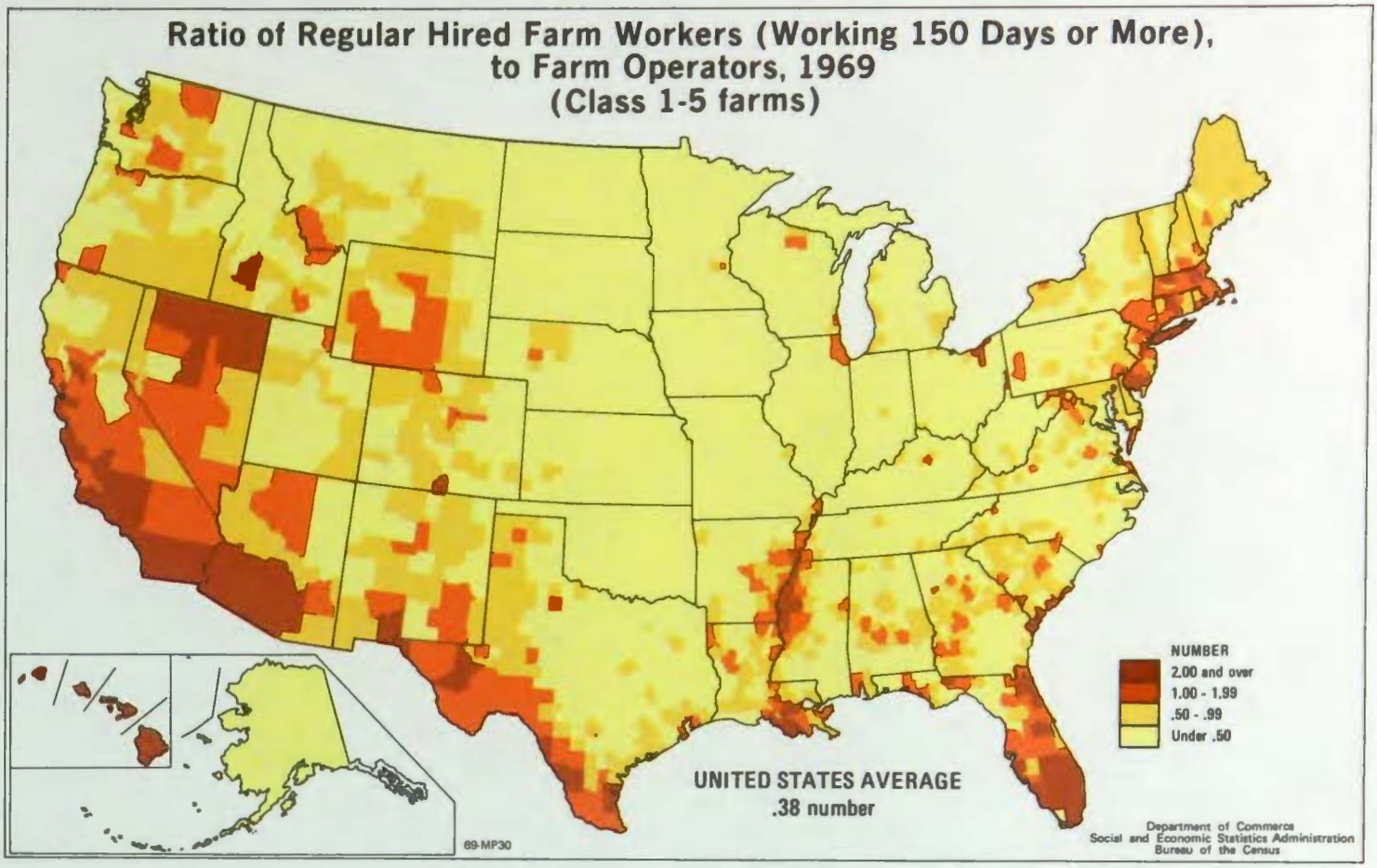
Pattern of Expenditures for Contract Labor, Machine Hire, and Customwork, 1969

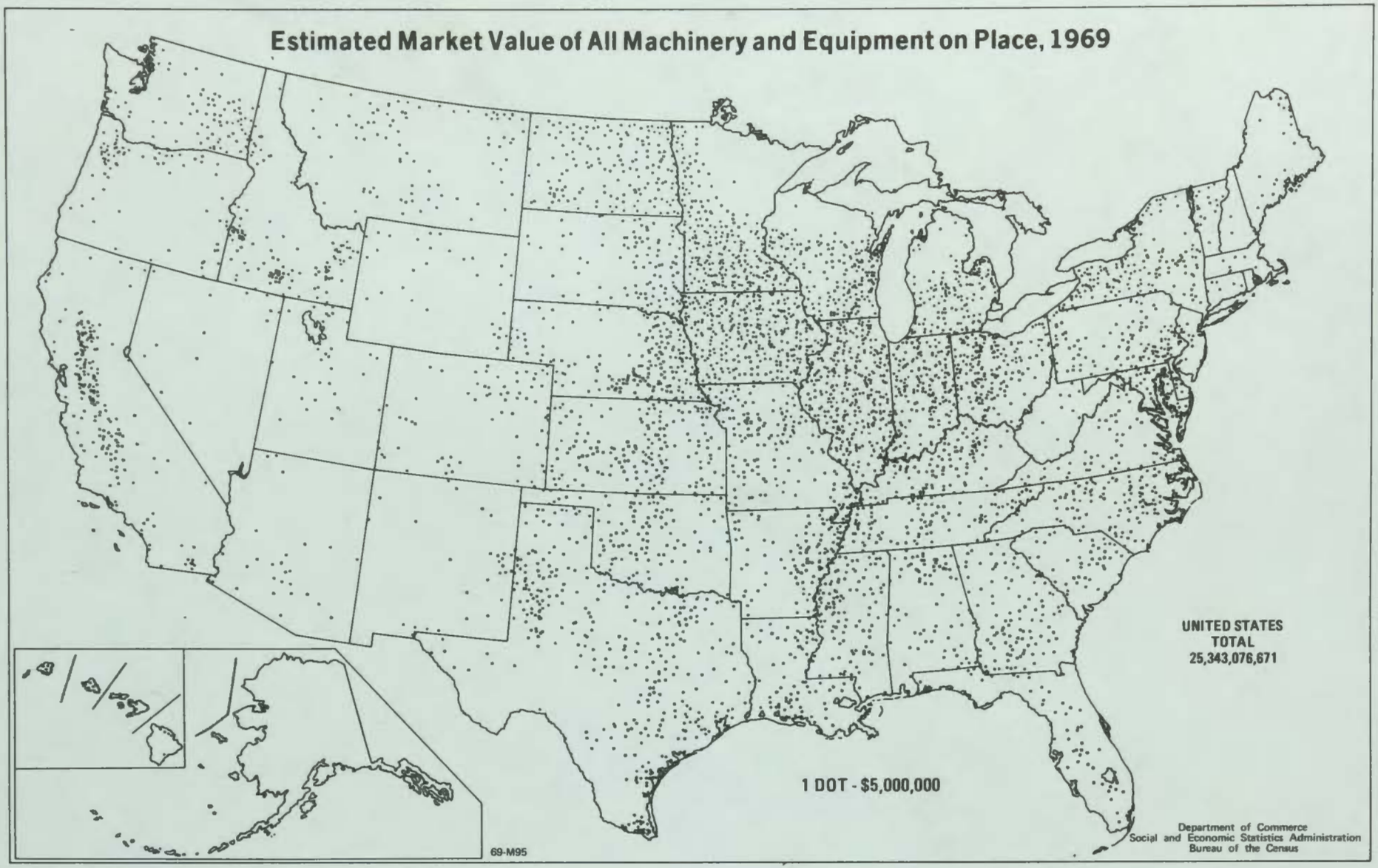


Number of Regular Hired Farm Workers (Working 150 Days or More), 1969 (Class 1-5 farms)

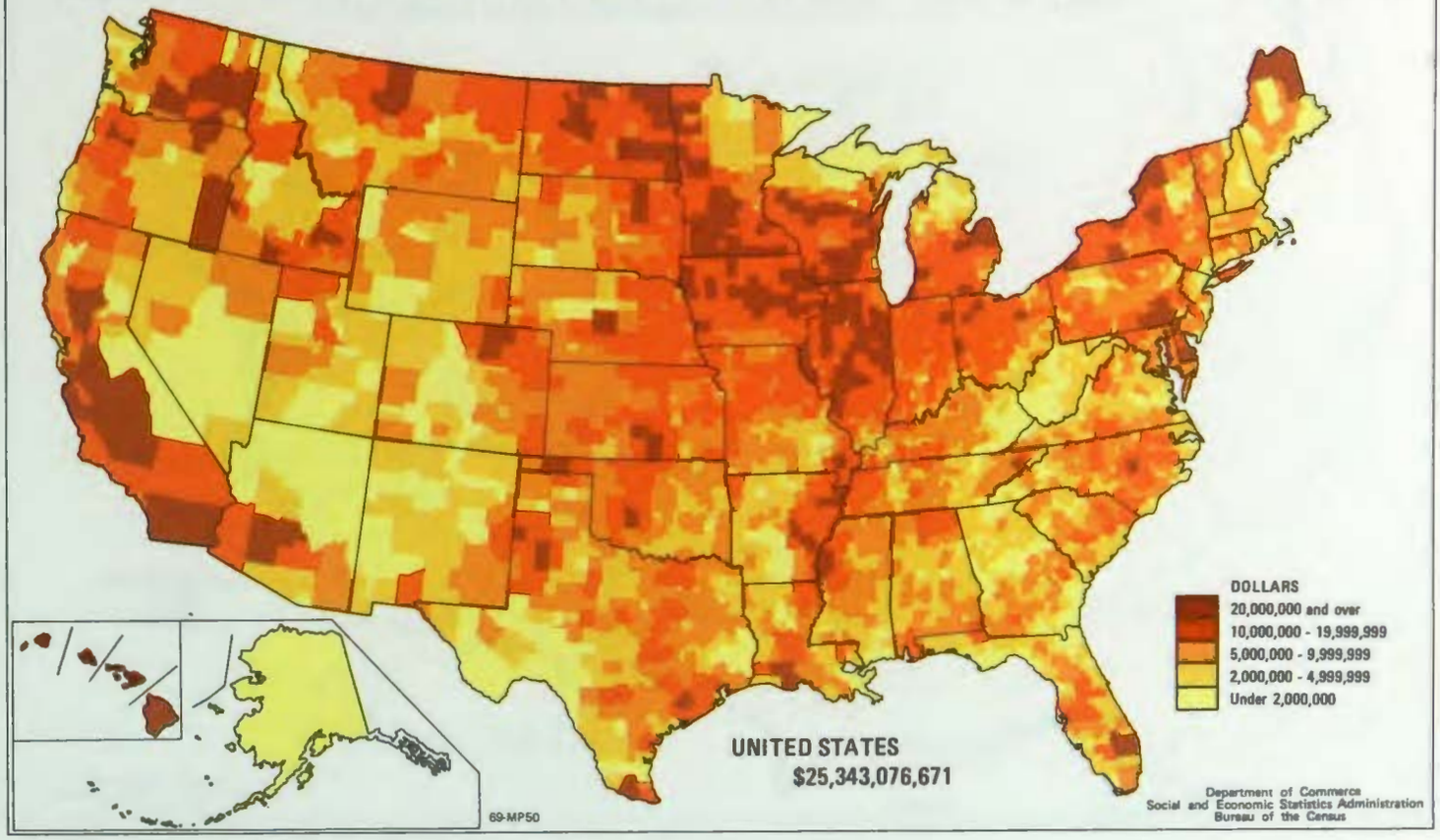


Number of Hired Workers Working Less Than 150 Days, 1969 (Class 1-5 farms)

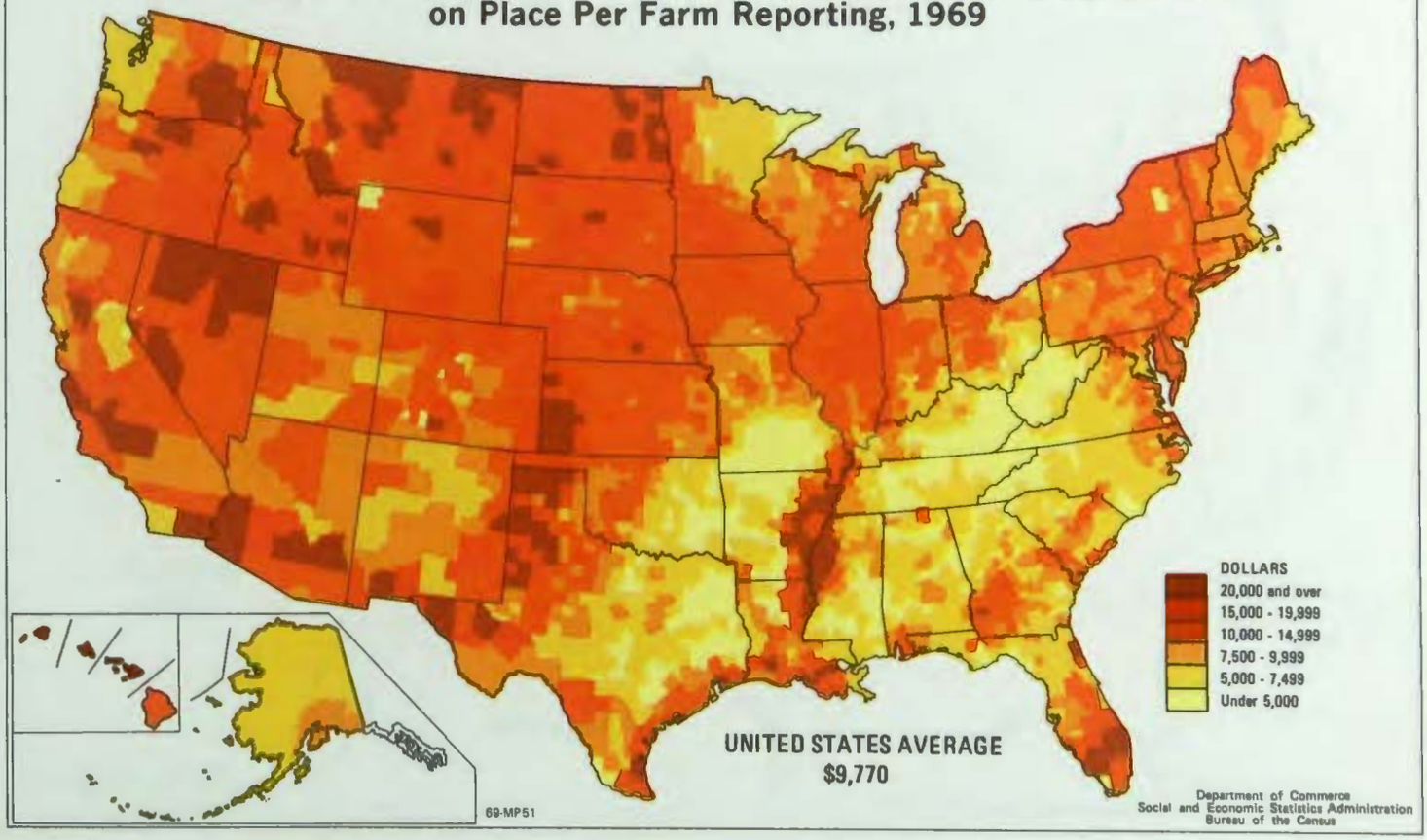

Ratio of Regular Hired Farm Workers (Working 150 Days or More), to Farm Operators, 1969 (Class 1-5 farms)
NUMBER
2.00 and over
1.00 - 1.99
.50 - .99
Under .50
UNITED STATES AVERAGE
.38 number
69-MP30
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

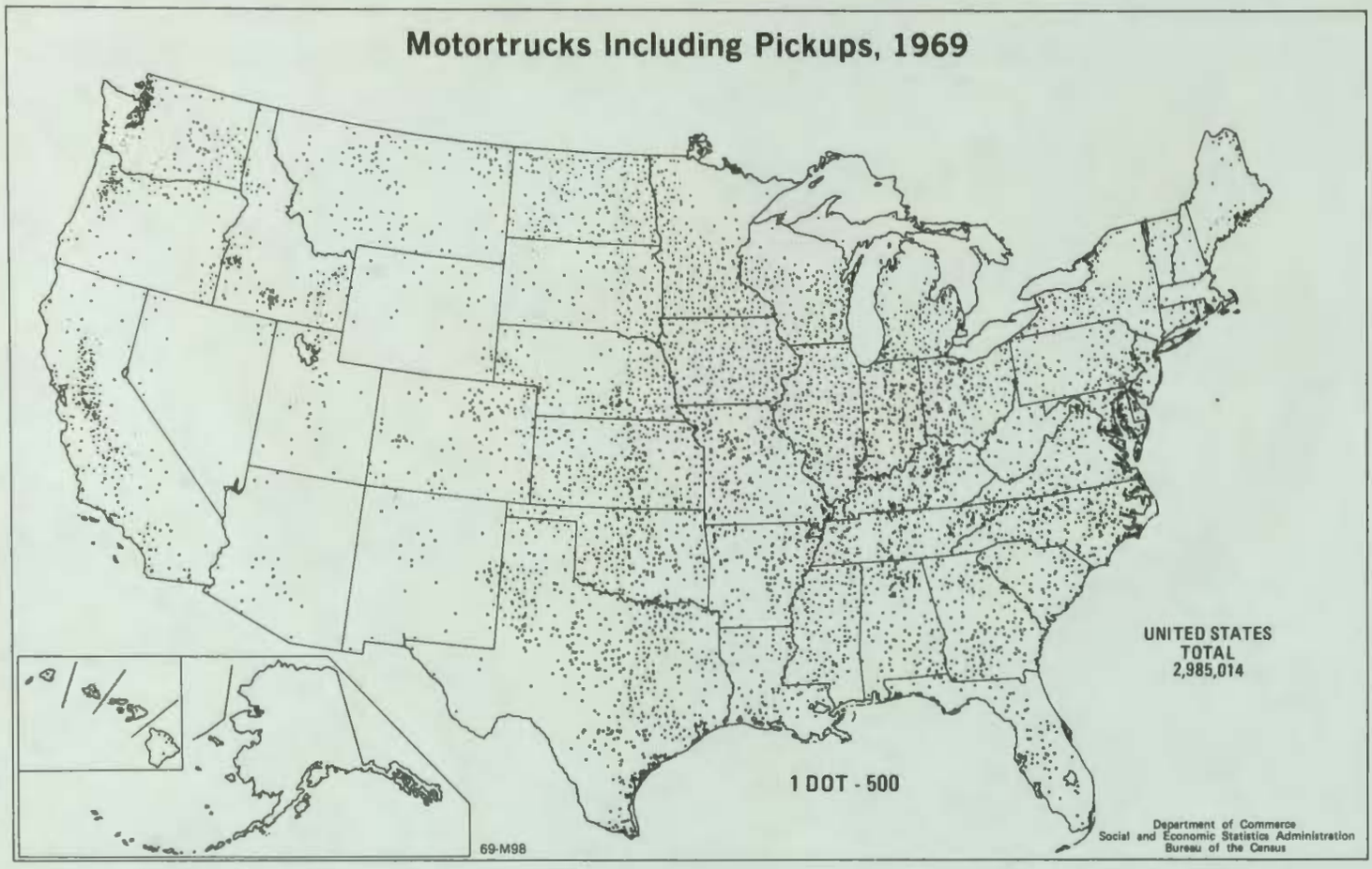

Estimated Market Value of All Machinery and Equipment on Place, 1969
UNITED STATES
TOTAL
25,343,076,671
1 DOT - $5,000,000
69-M95
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

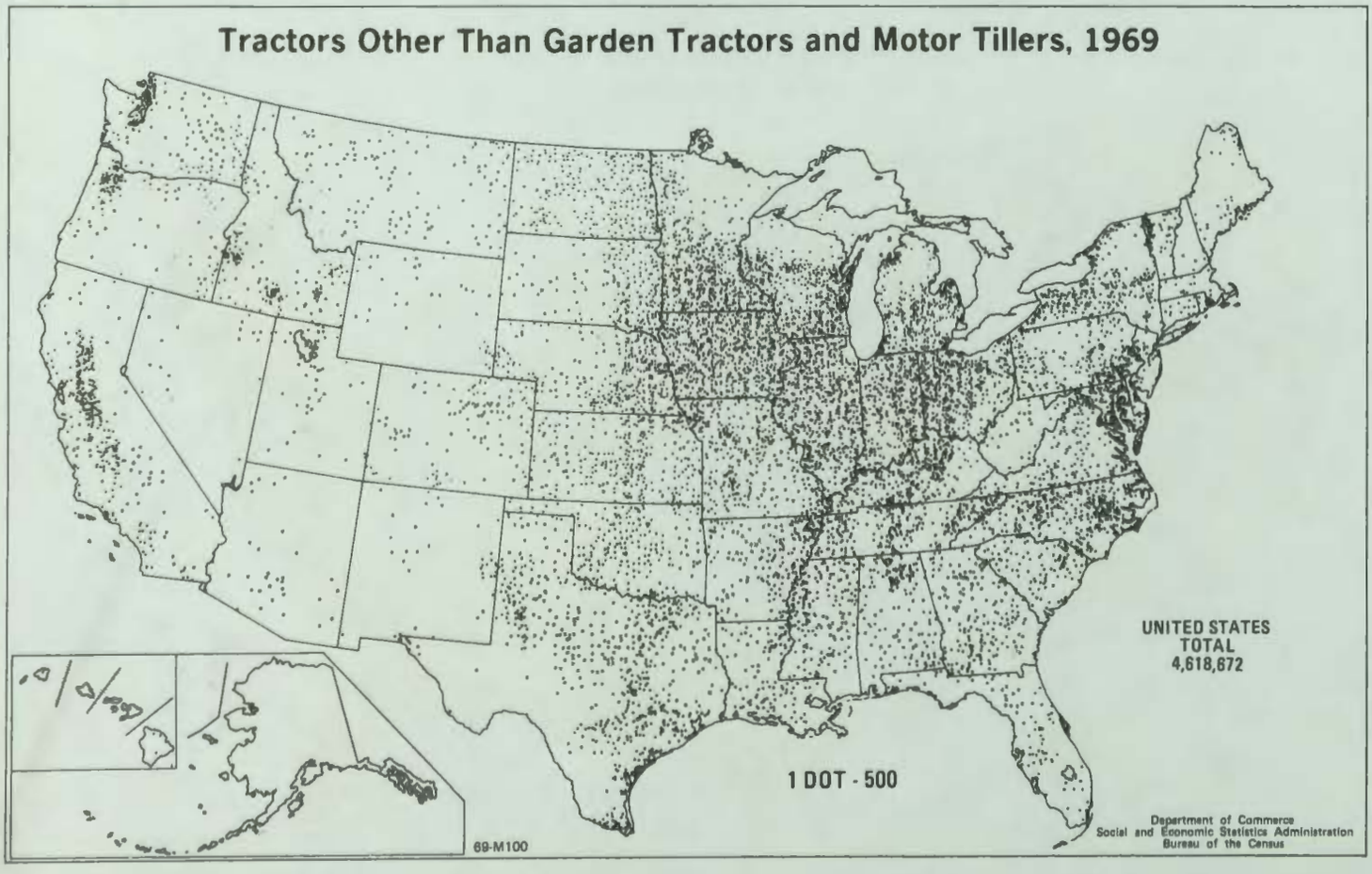
Pattern of Estimated Market Value of All Machinery and Equipment on Place, 1969



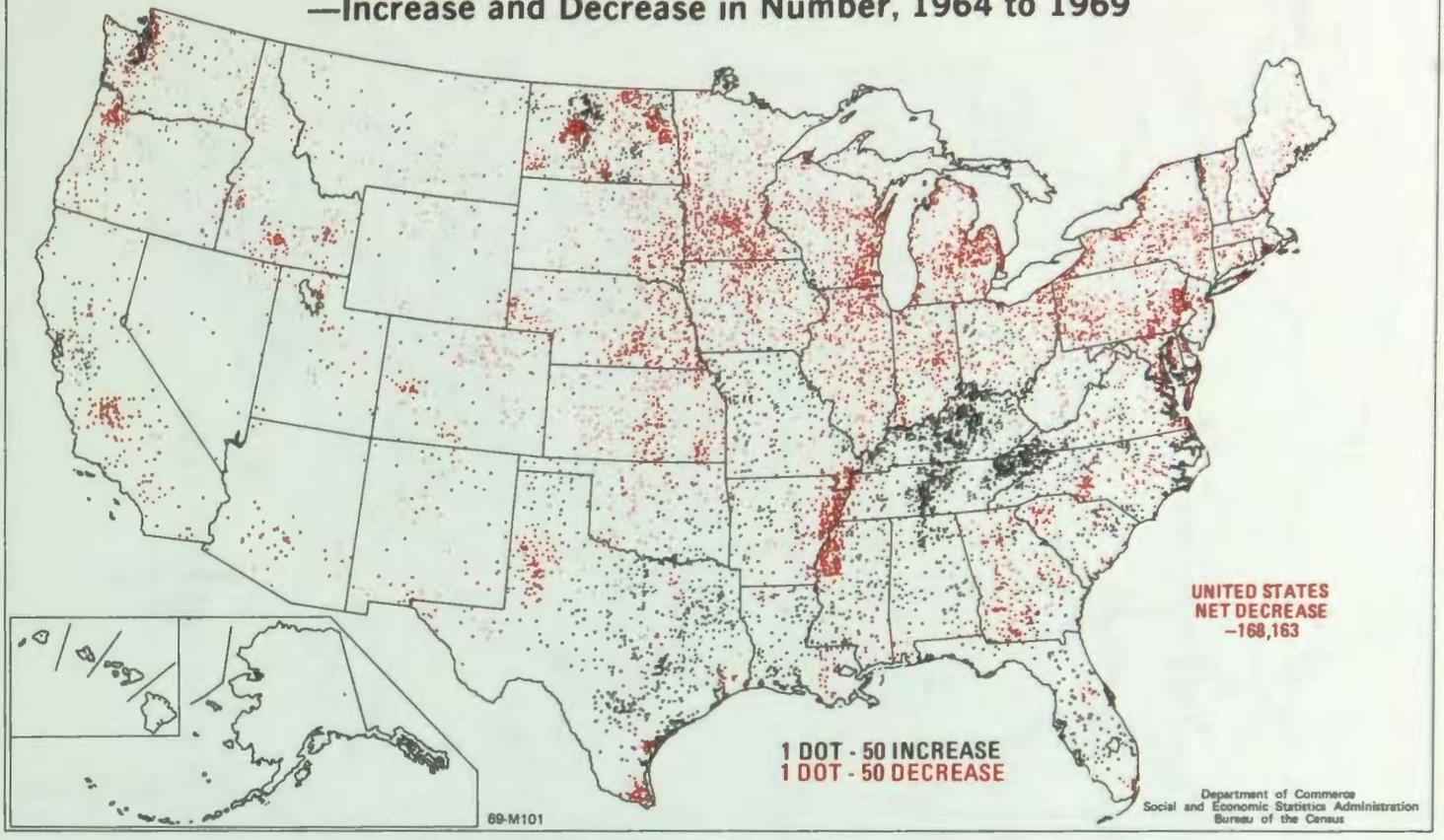
Average Estimated Market Value of All Machinery and Equipment on Place Per Farm Reporting, 1969



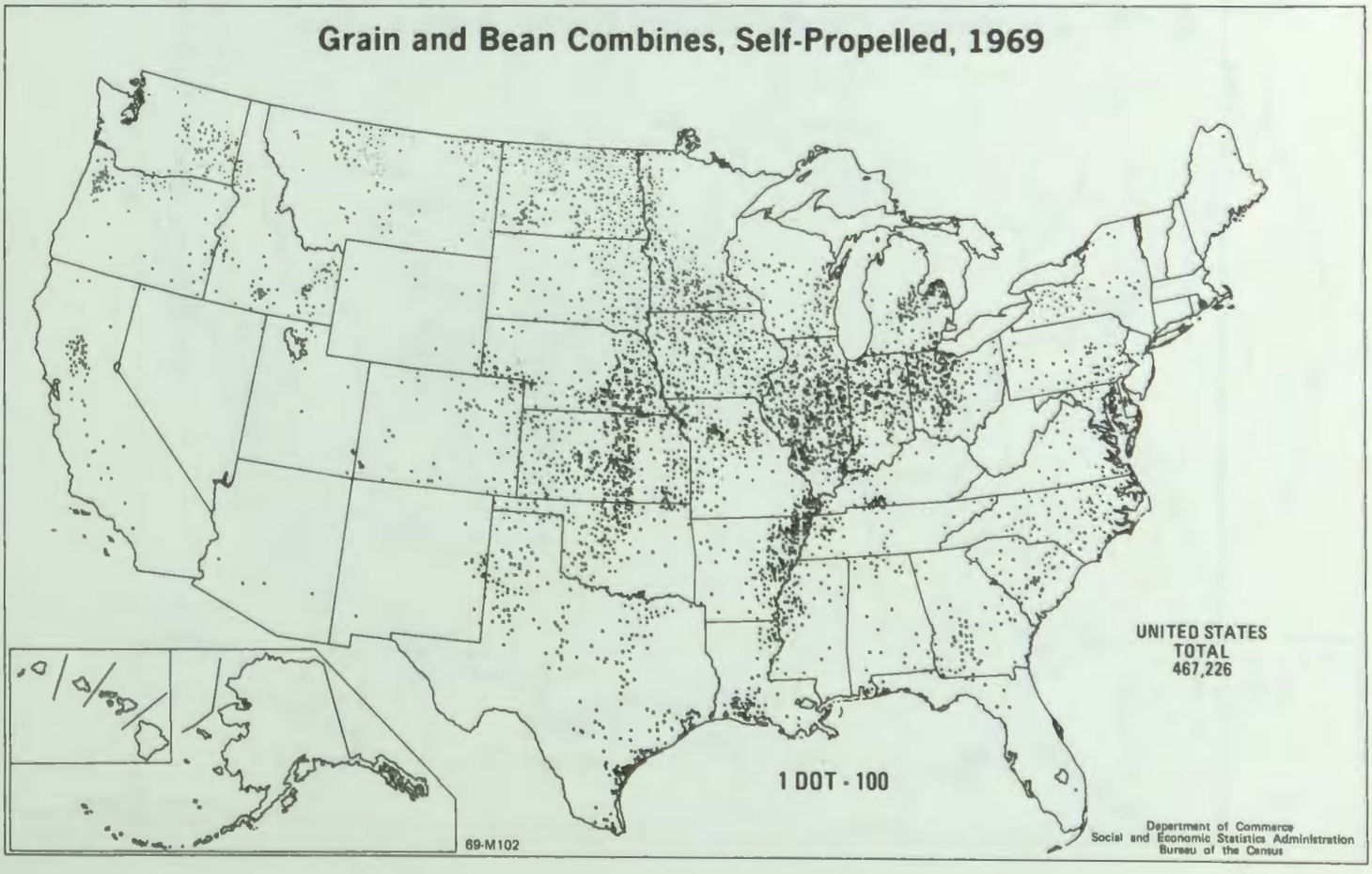

Motortrucks Including Pickups, 1969
UNITED STATES
TOTAL
2,985,014
1 DOT - 500
69-M98
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

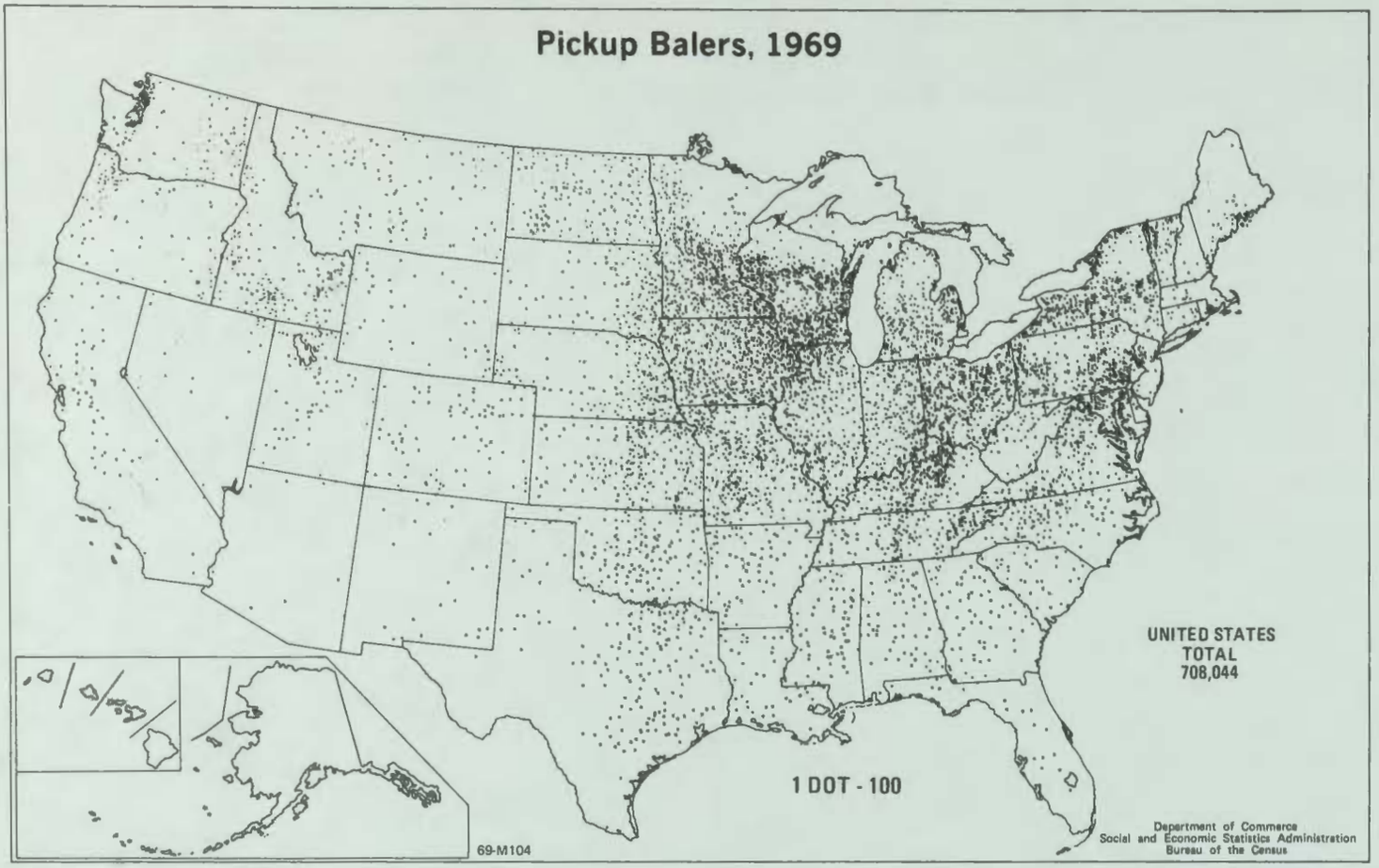

Tractors Other Than Garden Tractors and Motor Tillers, 1969
UNITED STATES
TOTAL
4,618,672
1 DOT - 500
69-M100
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

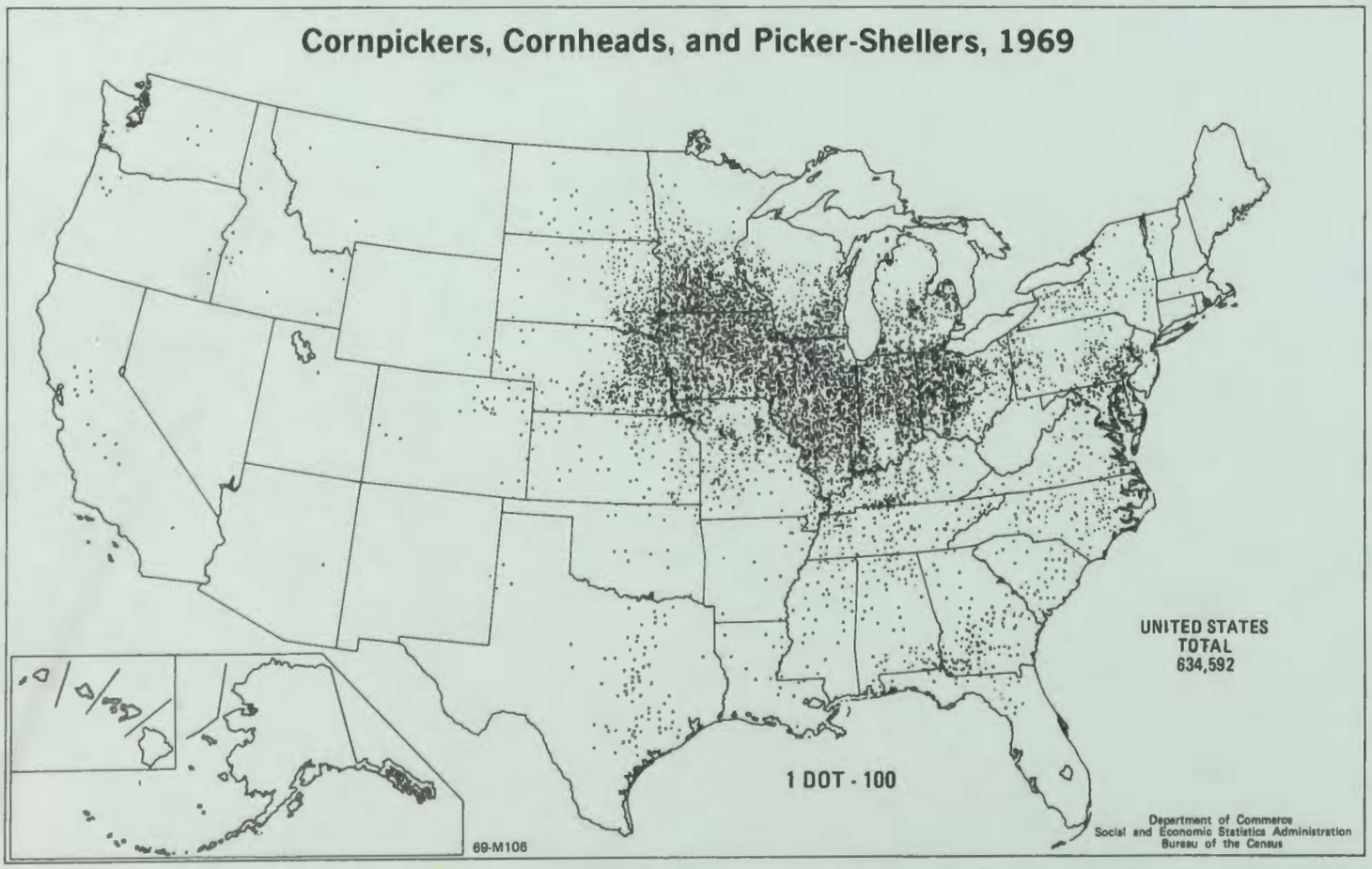
Tractors Other Than Garden Tractors and Motor-Tillers —Increase and Decrease in Number, 1964 to 1969

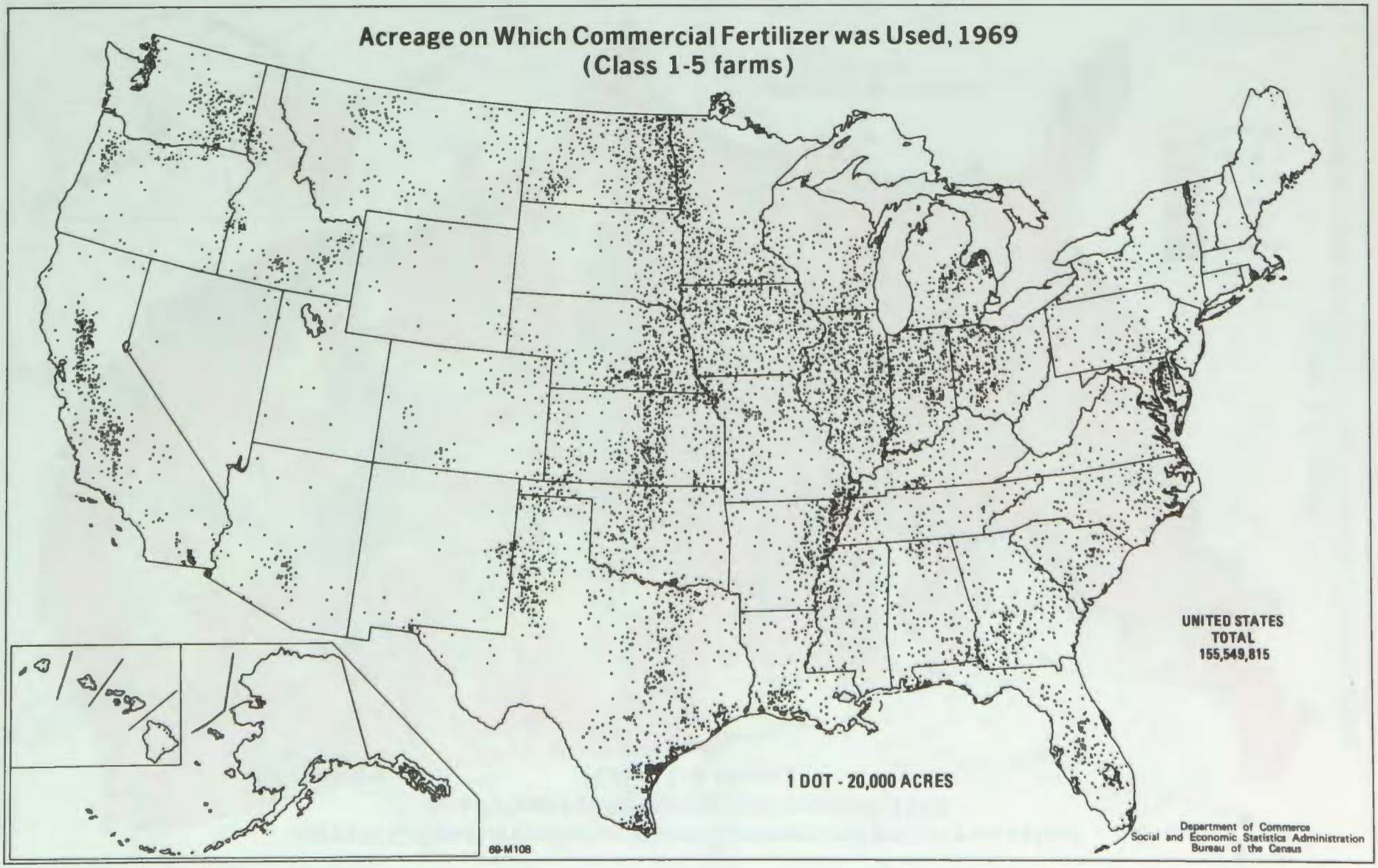


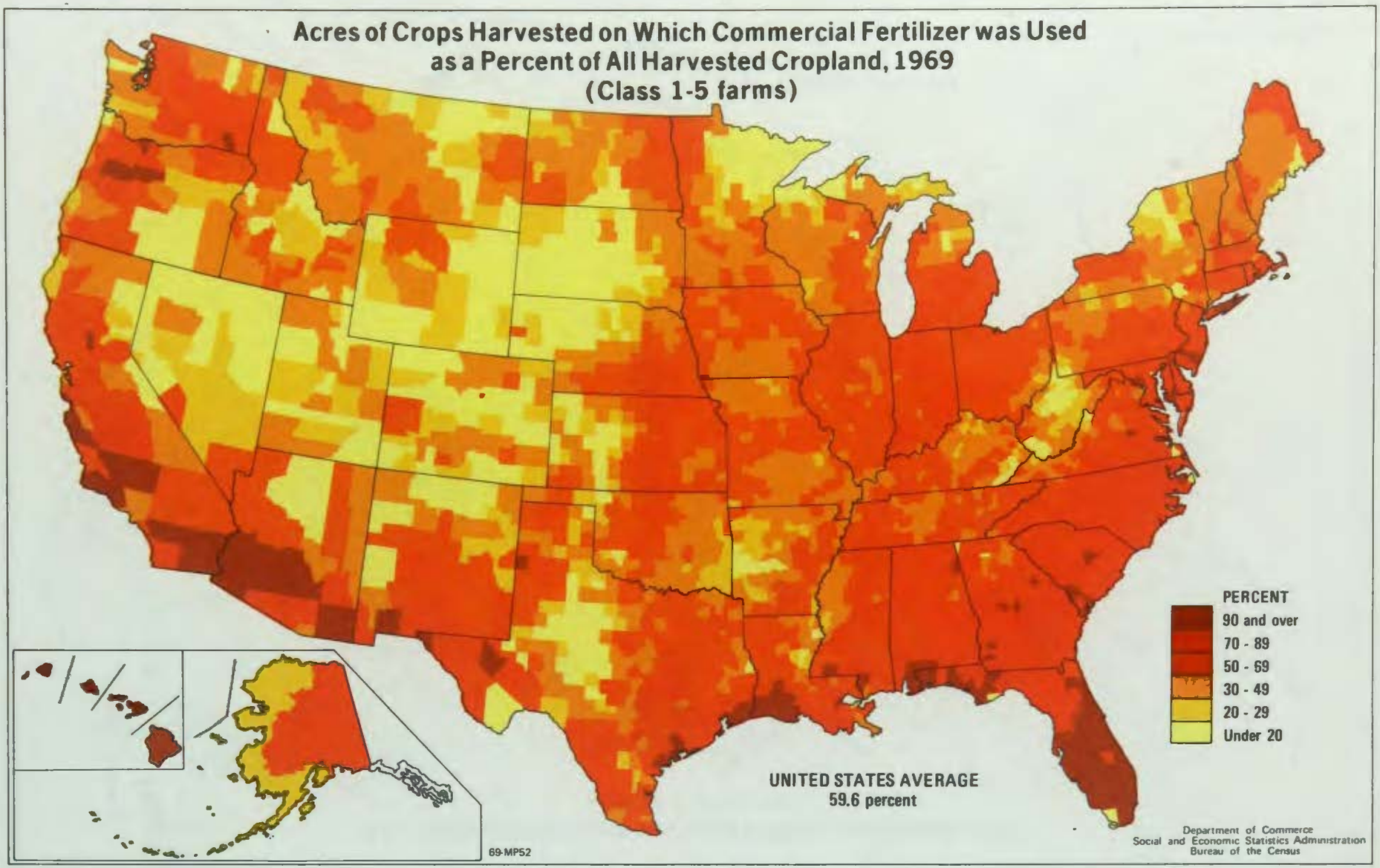
Grain and Bean Combines, Self-Propelled, 1969

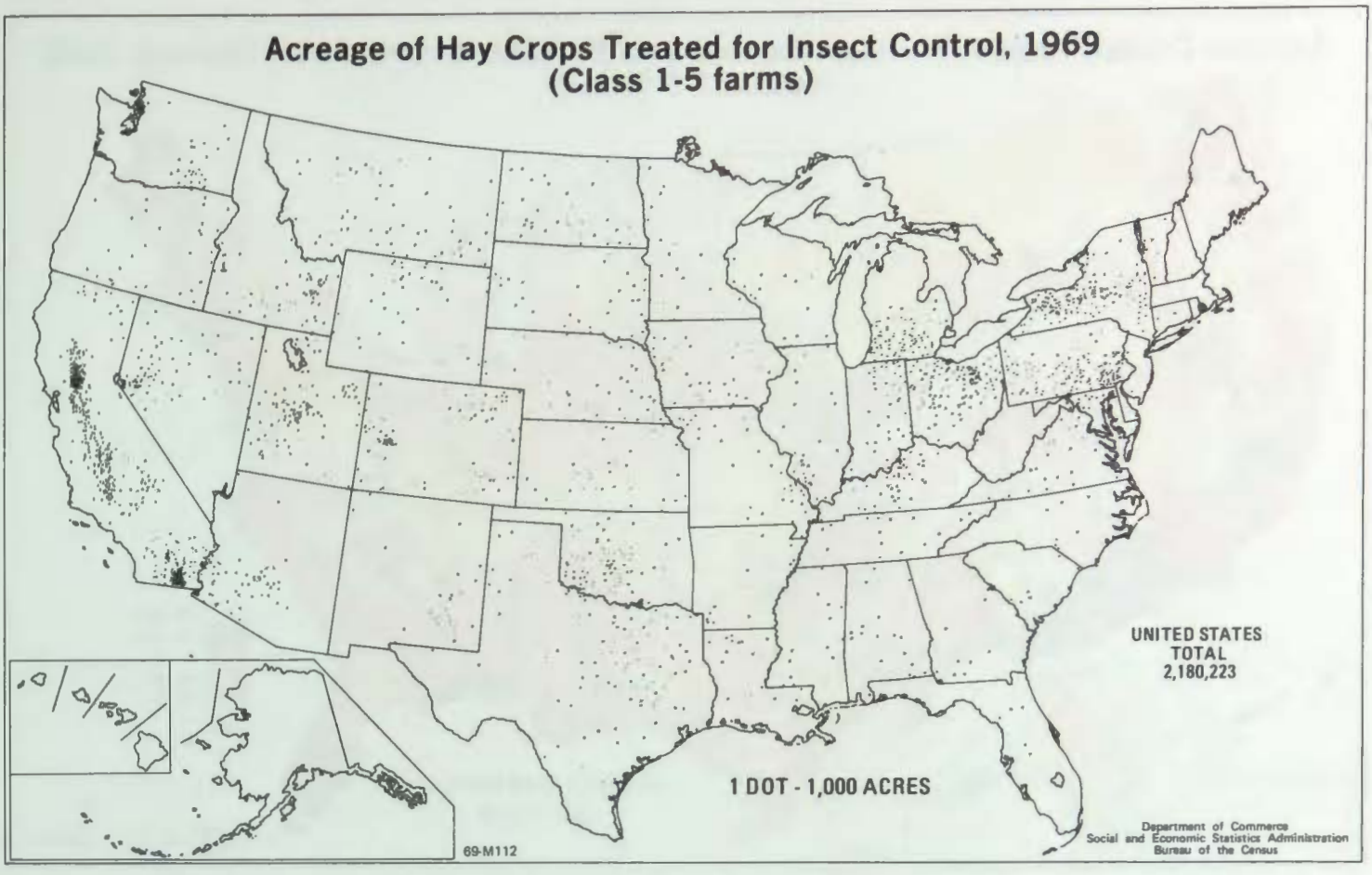


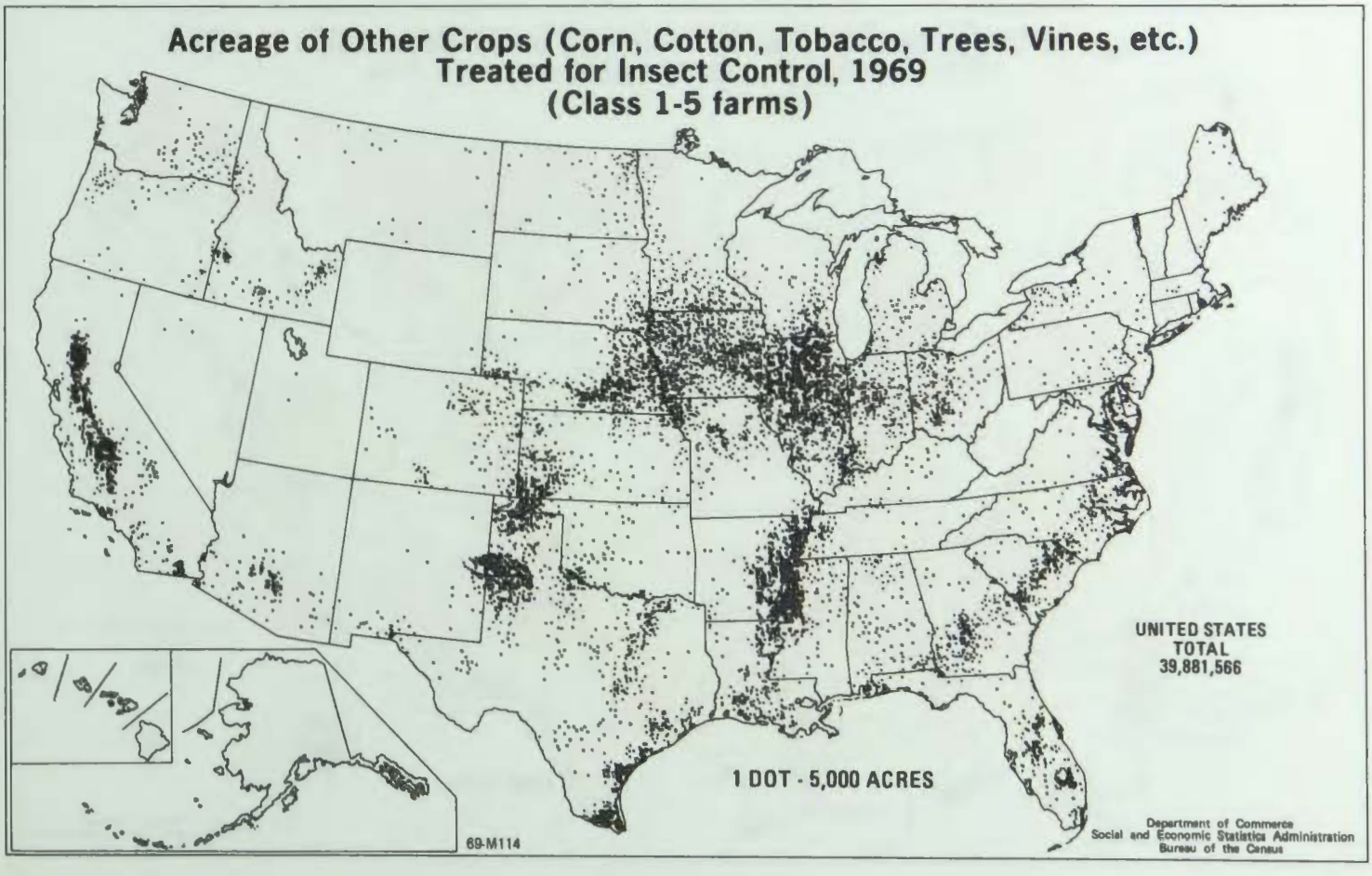

Pickup Balers, 1969
UNITED STATES
TOTAL
708,044
1 DOT - 100
69-M104
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Cornpickers, Cornheads, and Picker-Shellers, 1969
UNITED STATES
TOTAL
634,592
1 DOT - 100
69-M106
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

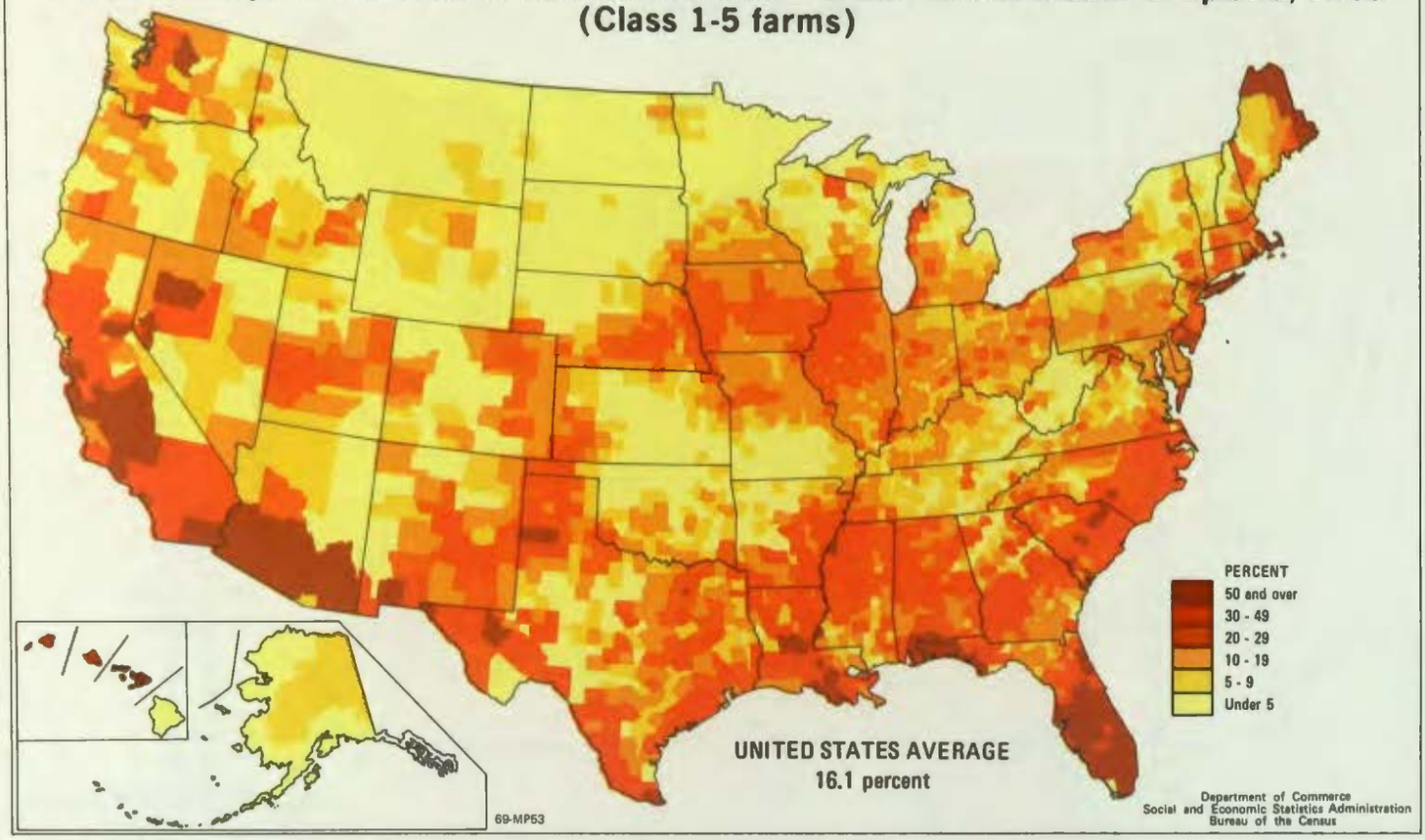

Acreage on Which Commercial Fertilizer was Used, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
155,549,815
1 DOT - 20,000 ACRES
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census
69-M108


Acres of Crops Harvested on Which Commercial Fertilizer was Used
as a Percent of All Harvested Cropland, 1969
(Class 1-5 farms)
PERCENT
90 and over
70 - 89
50 - 69
30 - 49
20 - 29
Under 20
UNITED STATES AVERAGE
59.6 percent
69-MP52
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

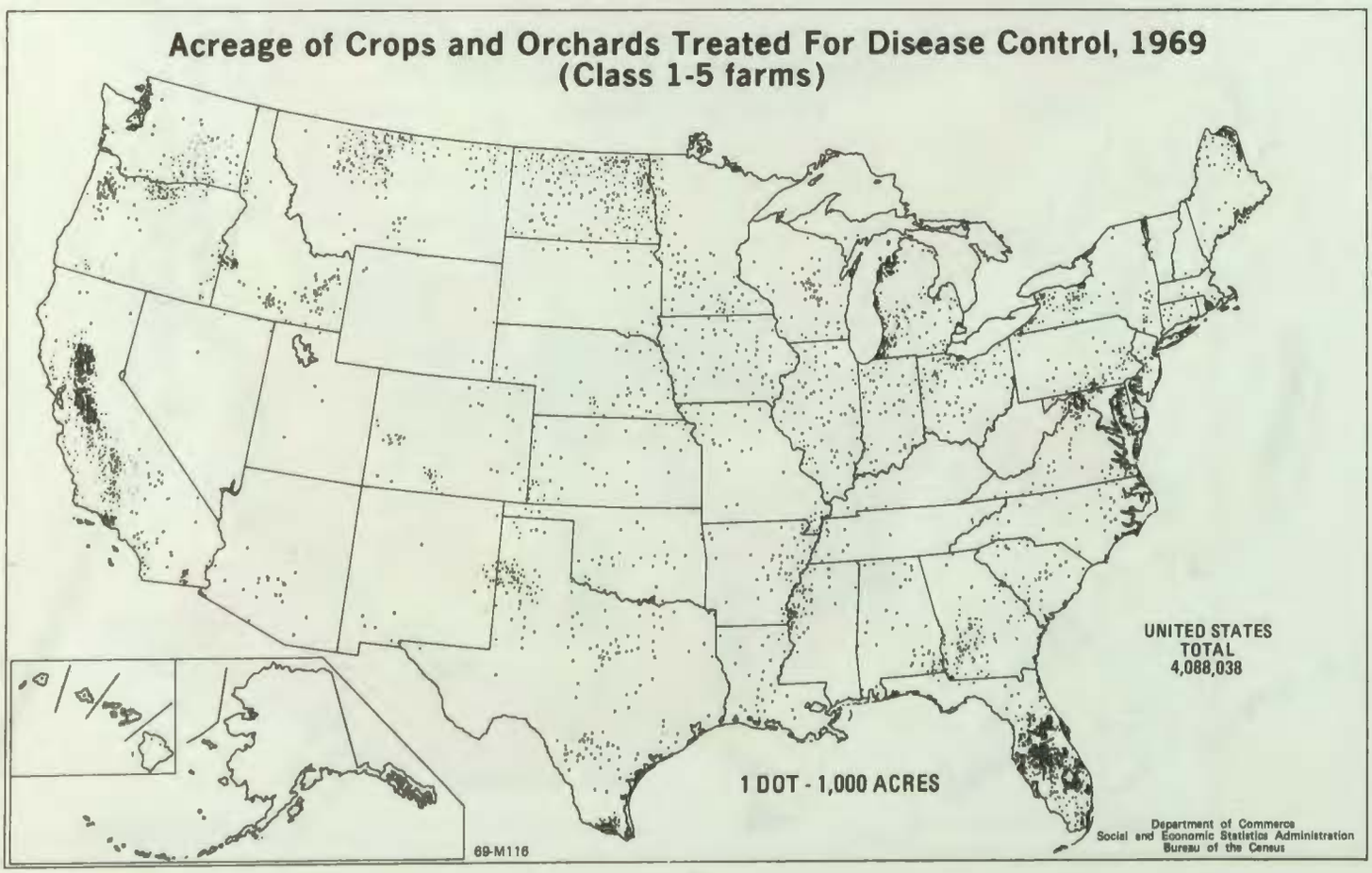

Acreage of Hay Crops Treated for Insect Control, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
2,180,223
1 DOT - 1,000 ACRES
69-M112
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

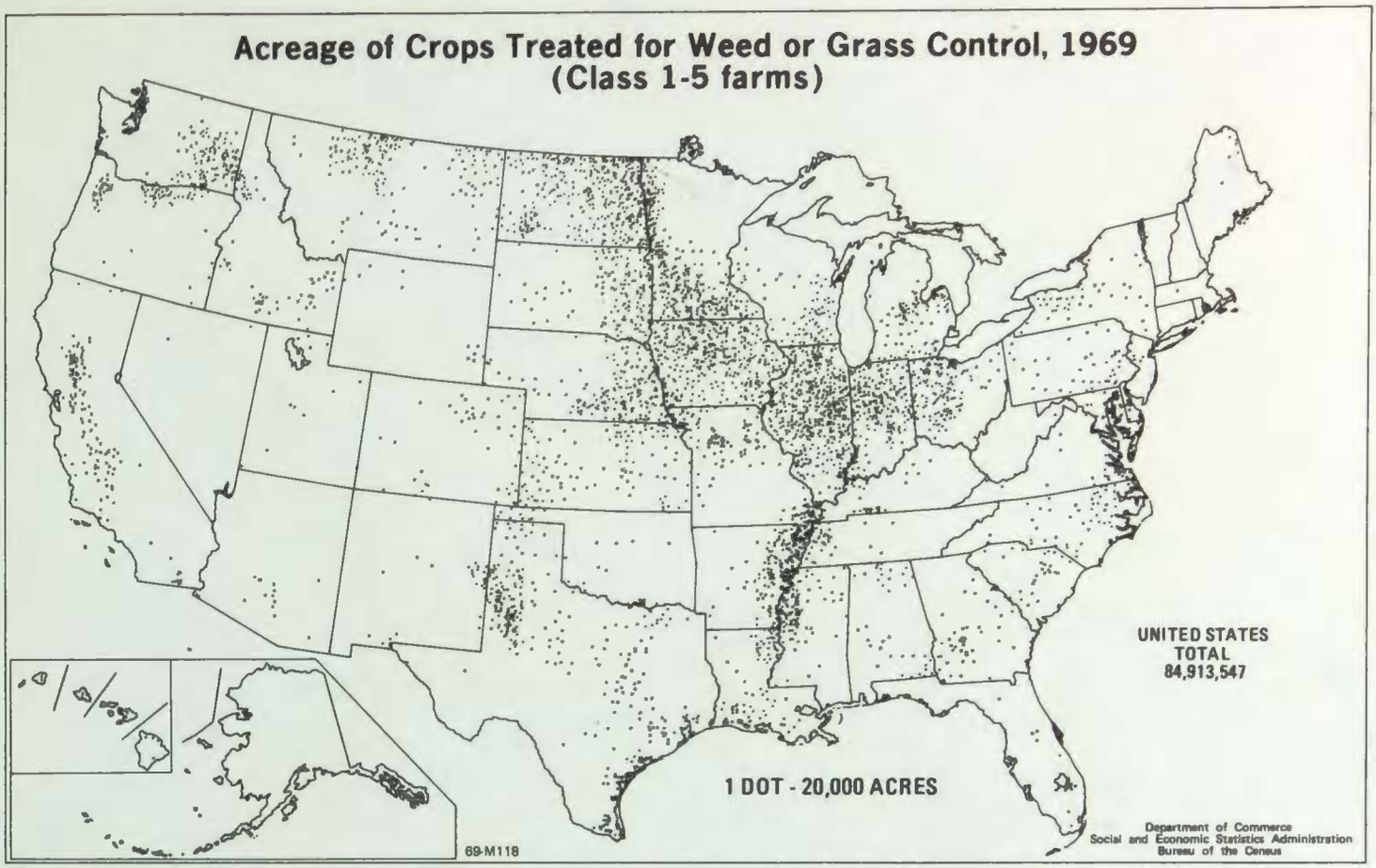

Acreage of Other Crops (Corn, Cotton, Tobacco, Trees, Vines, etc.)
Treated for Insect Control, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
39,881,566
1 DOT - 5,000 ACRES
69-M114
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

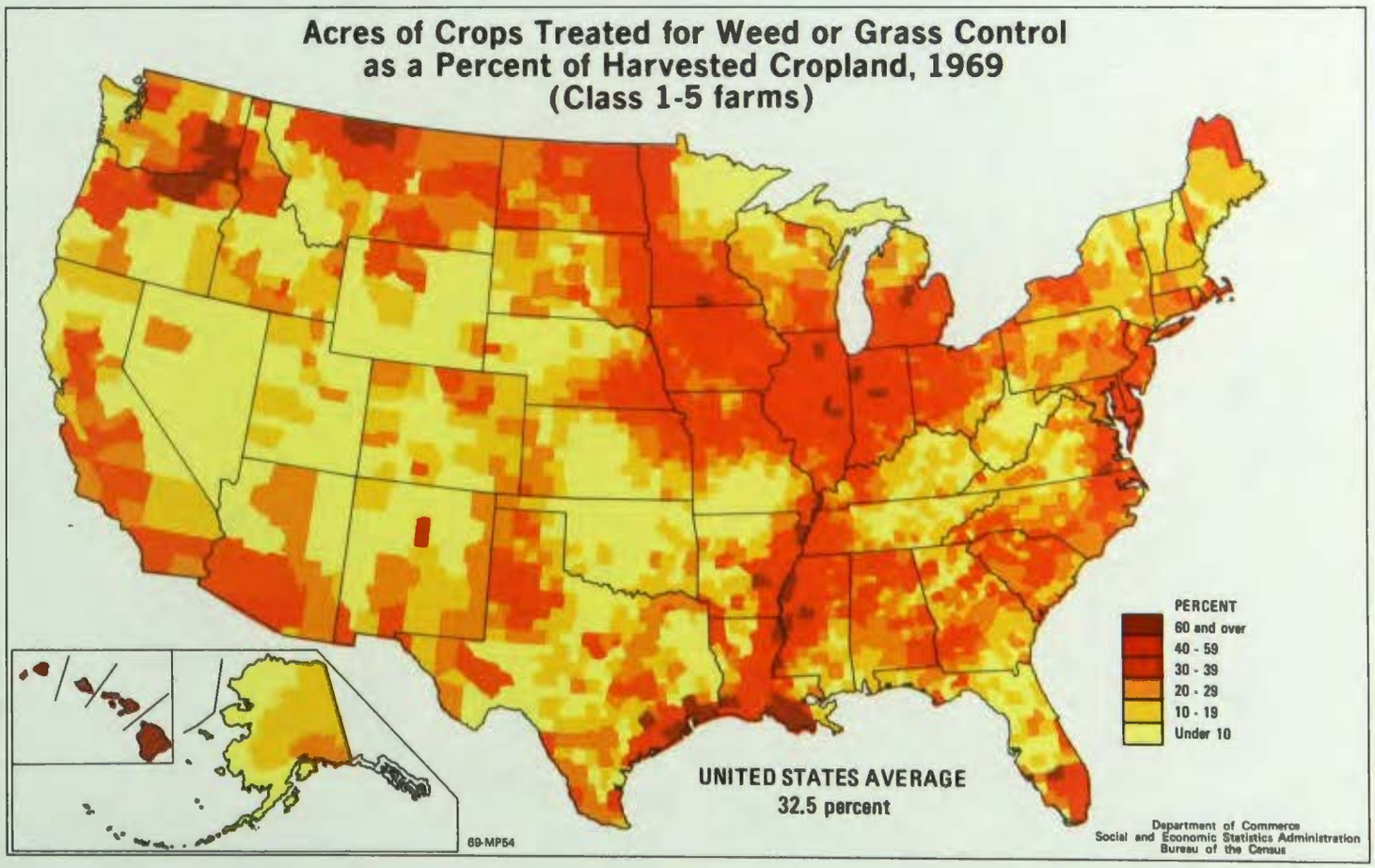
Acres of Crops Treated for Insect Control as a Percent of Harvested Cropland, 1969 (Class 1-5 farms)

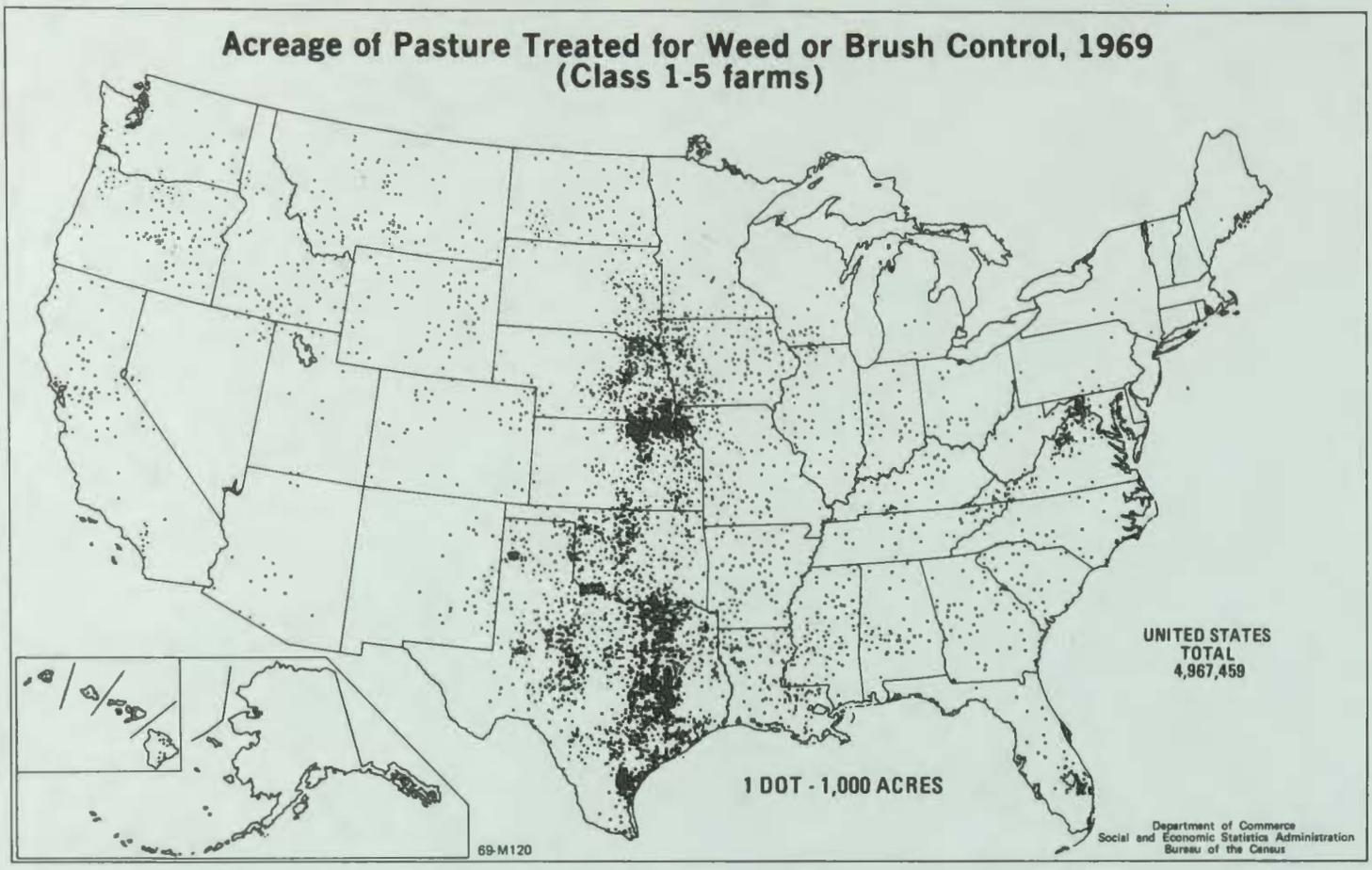


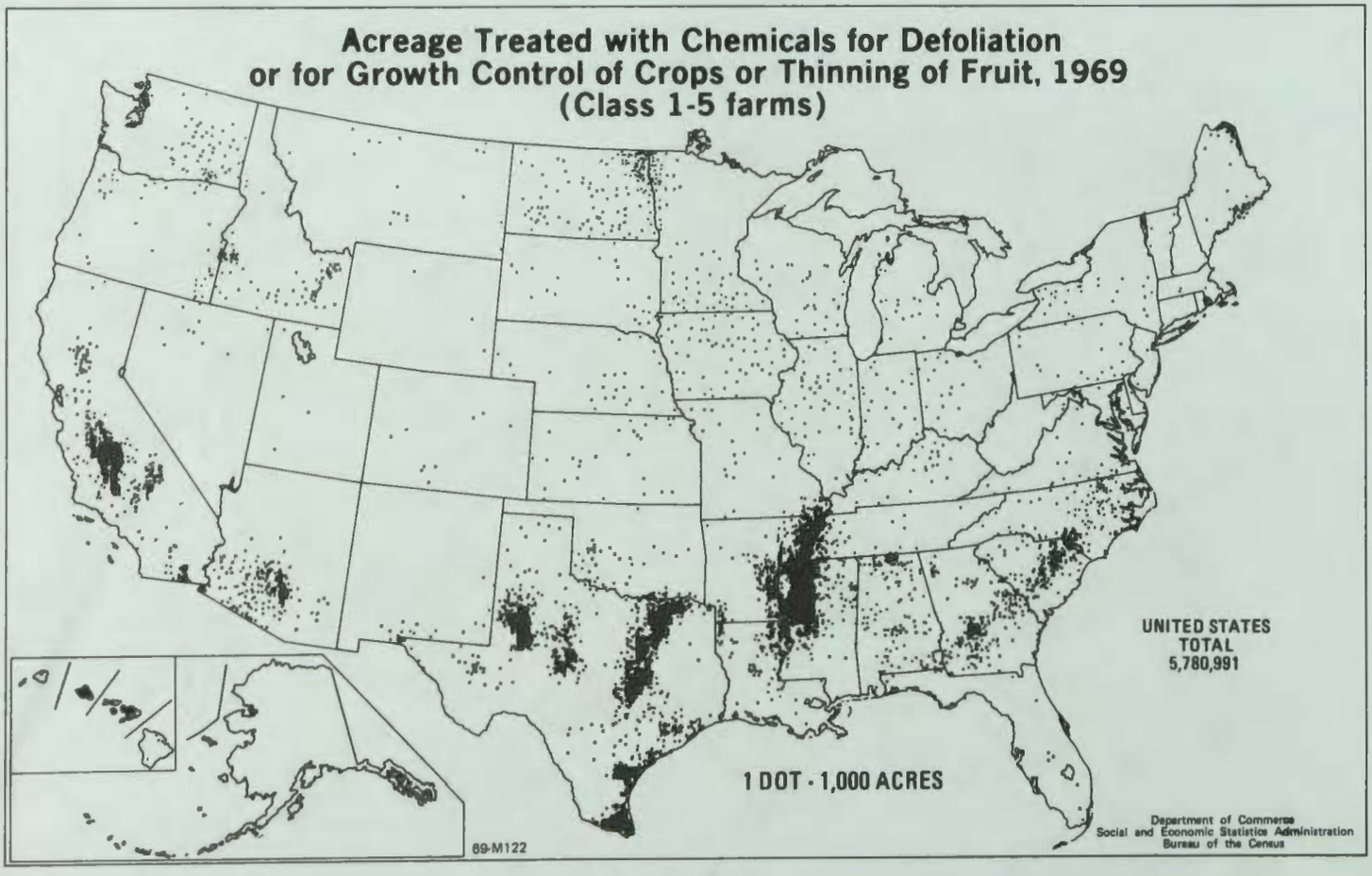
Acreage of Crops and Orchards Treated For Disease Control, 1969 (Class 1-5 farms)

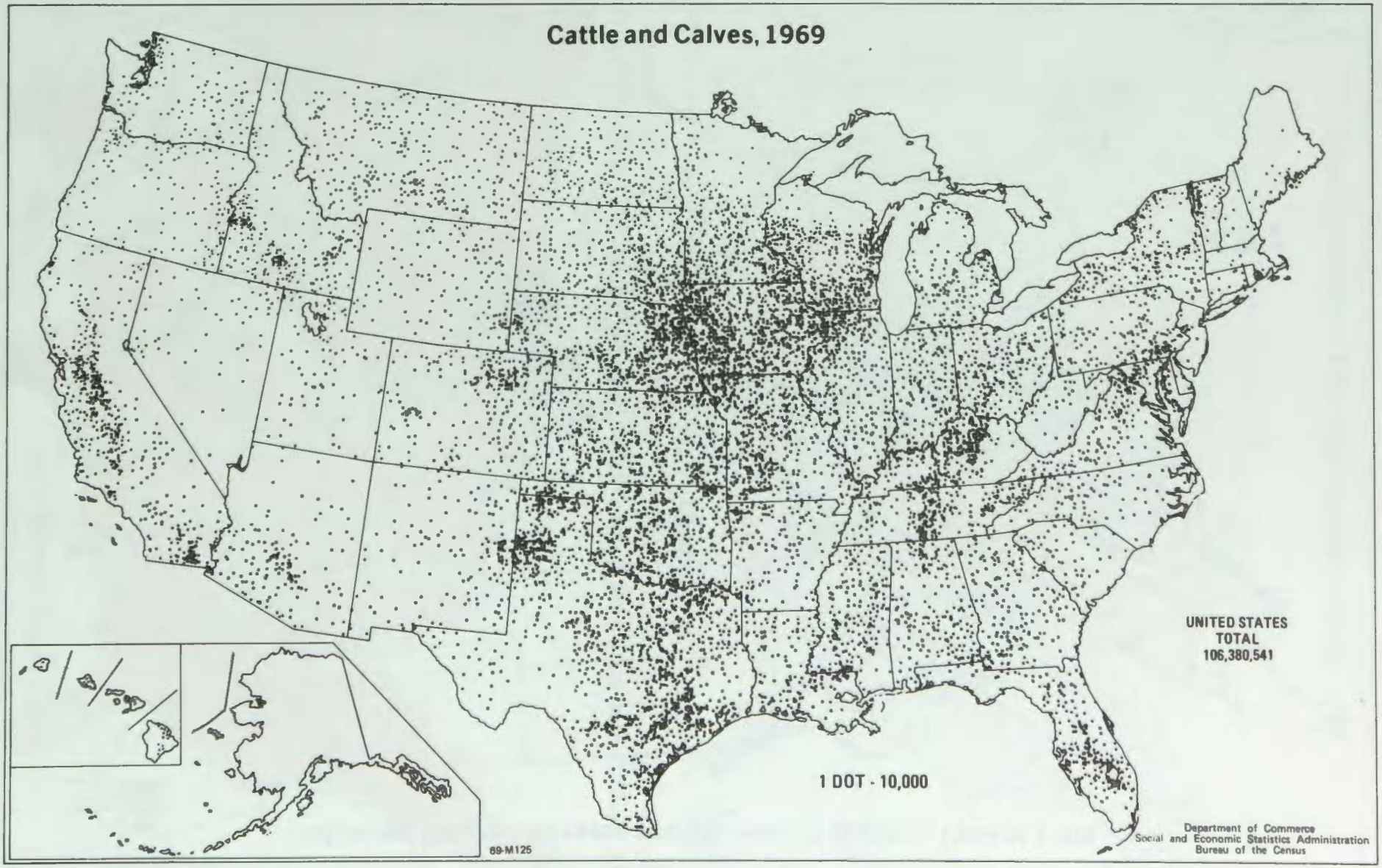


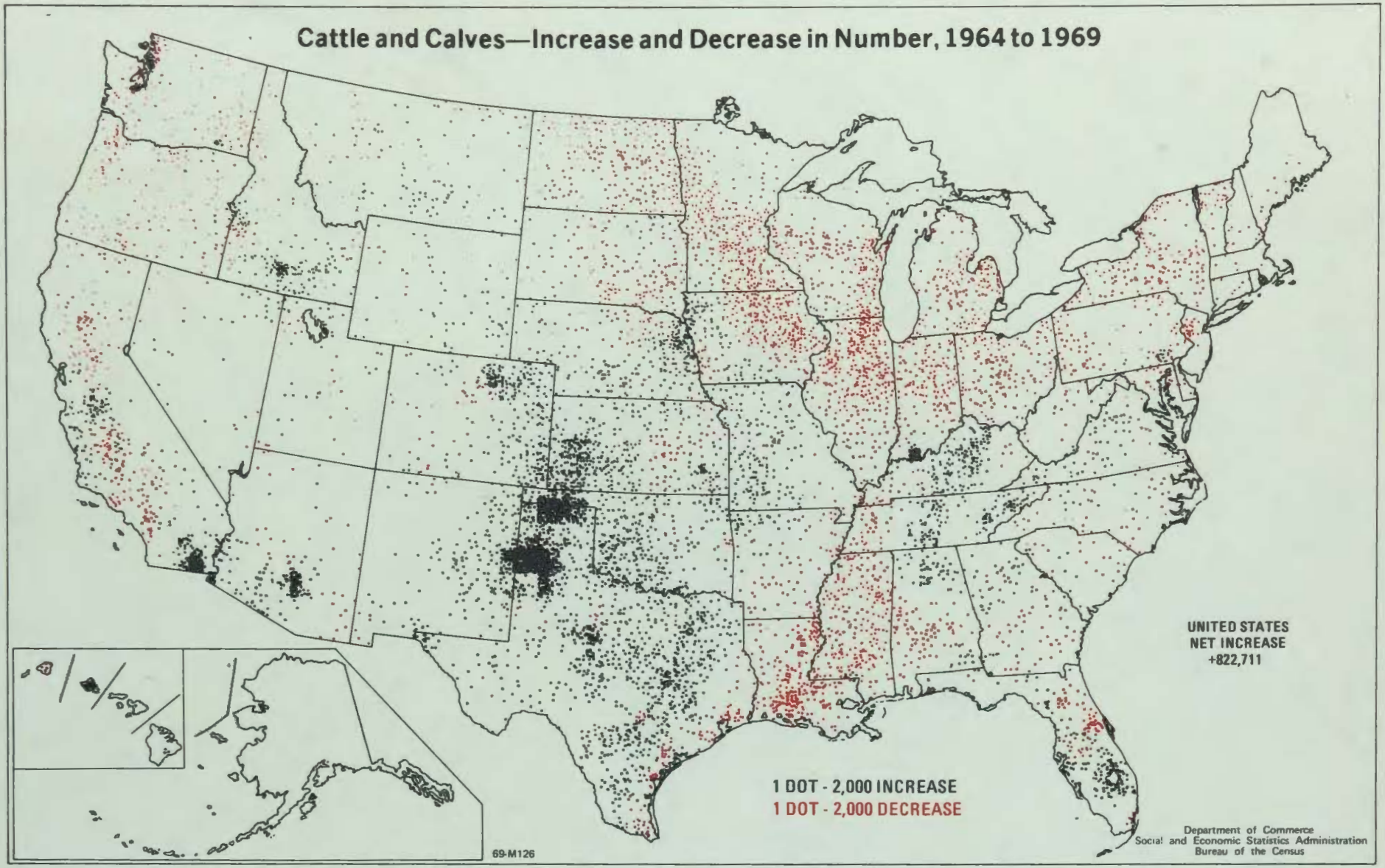

Acreage of Crops Treated for Weed or Grass Control, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
84,913,547
1 DOT - 20,000 ACRES
69-M118
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Acres of Crops Treated for Weed or Grass Control
as a Percent of Harvested Cropland, 1969
(Class 1-5 farms)
PERCENT
60 and over
40 - 59
30 - 39
20 - 29
10 - 19
Under 10
UNITED STATES AVERAGE
32.5 percent
69-MP54
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

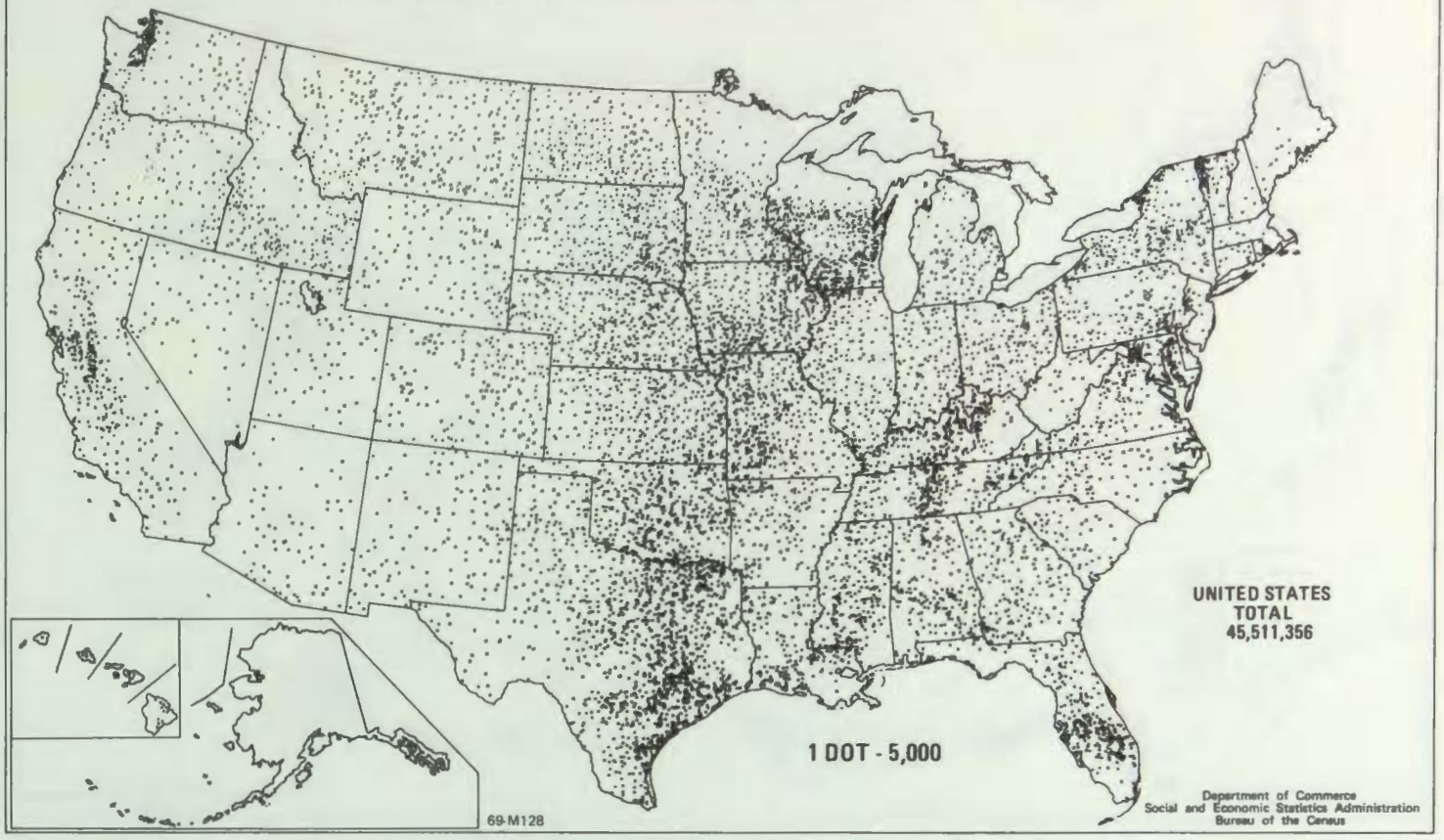

Acreage of Pasture Treated for Weed or Brush Control, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
4,967,459
1 DOT - 1,000 ACRES
69-M120
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Acreage Treated with Chemicals for Defoliation
or for Growth Control of Crops or Thinning of Fruit, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
5,780,991
1 DOT - 1,000 ACRES
69-M122
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

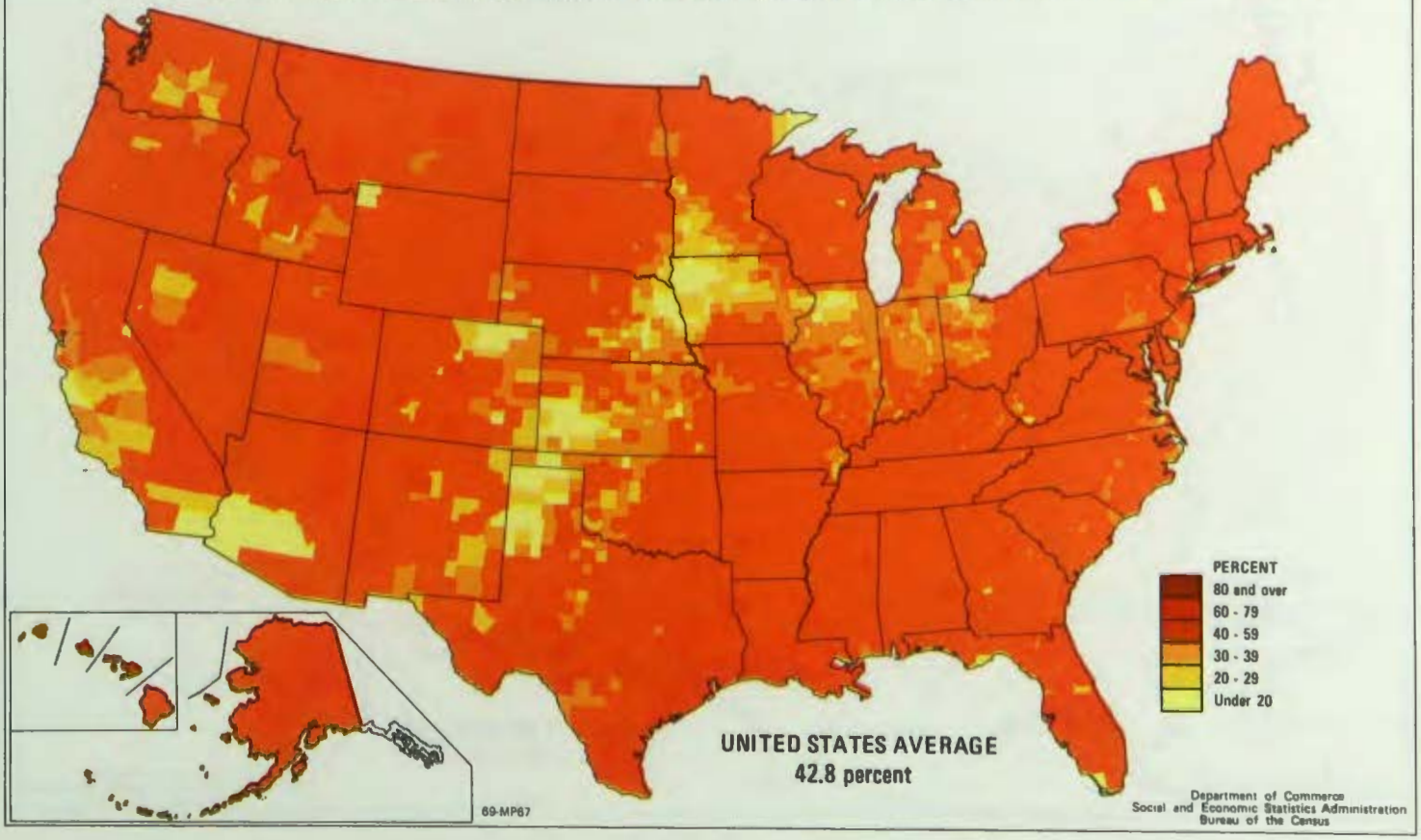

Cattle and Calves, 1969
UNITED STATES
TOTAL
106,380,541
1 DOT - 10,000
69-M125
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

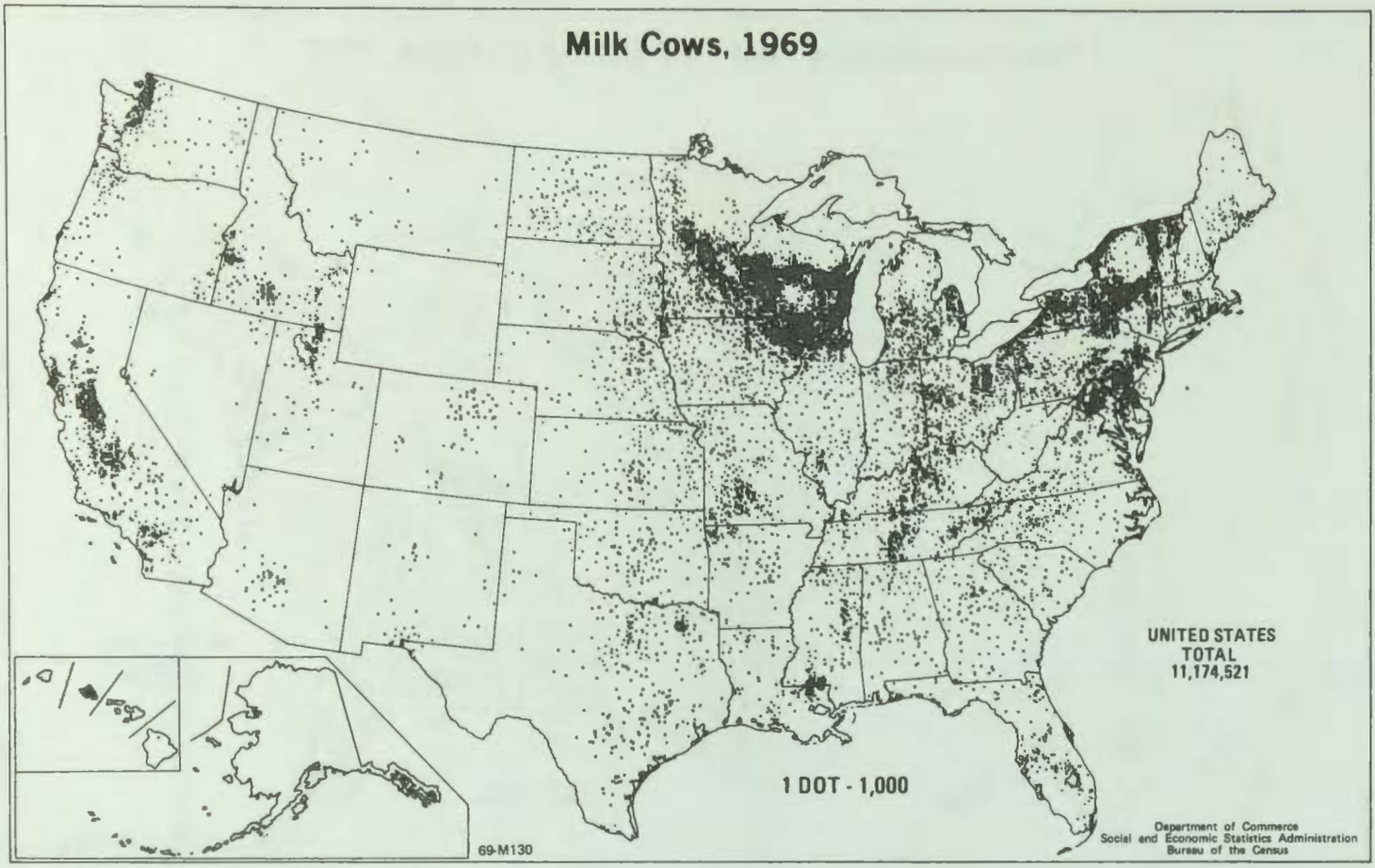

Cattle and Calves—Increase and Decrease in Number, 1964 to 1969
UNITED STATES
NET INCREASE
+822,711
1 DOT - 2,000 INCREASE
1 DOT - 2,000 DECREASE
69-M126
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

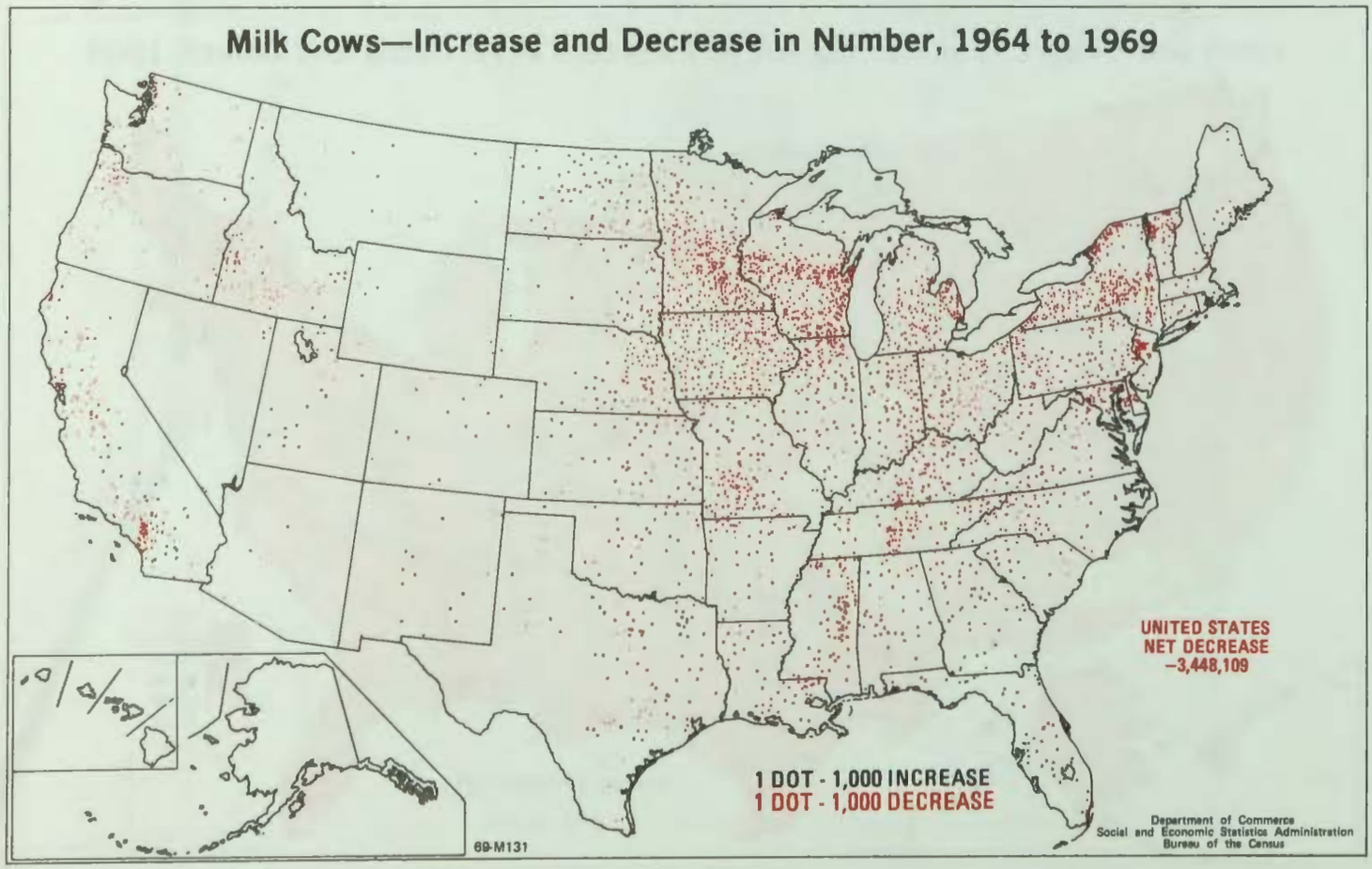
Cows and Heifers That Had Calved on Hand, 1969



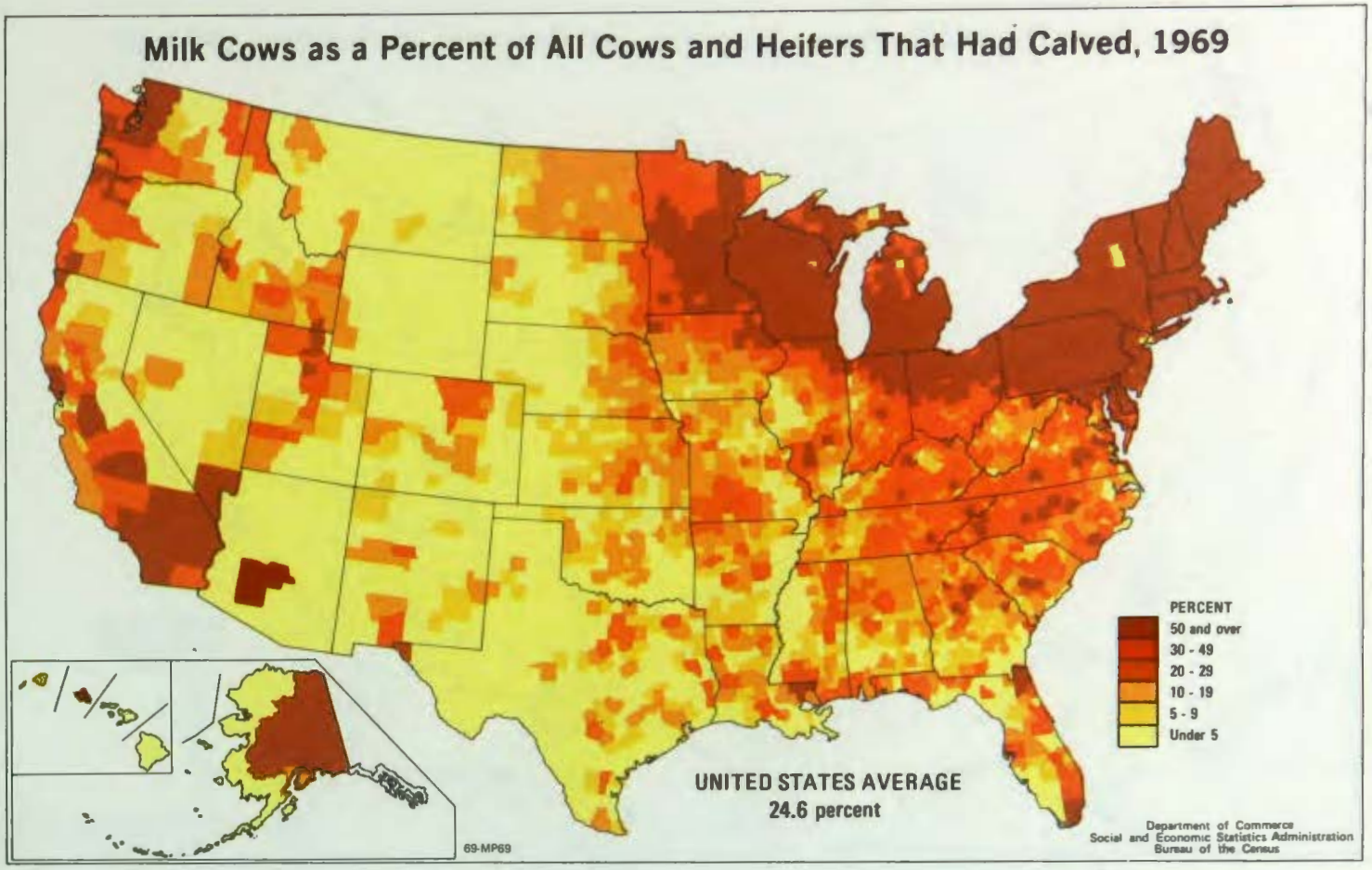
Cows and Heifers That Had Calved as a Percent of All Cattle and Calves, 1969



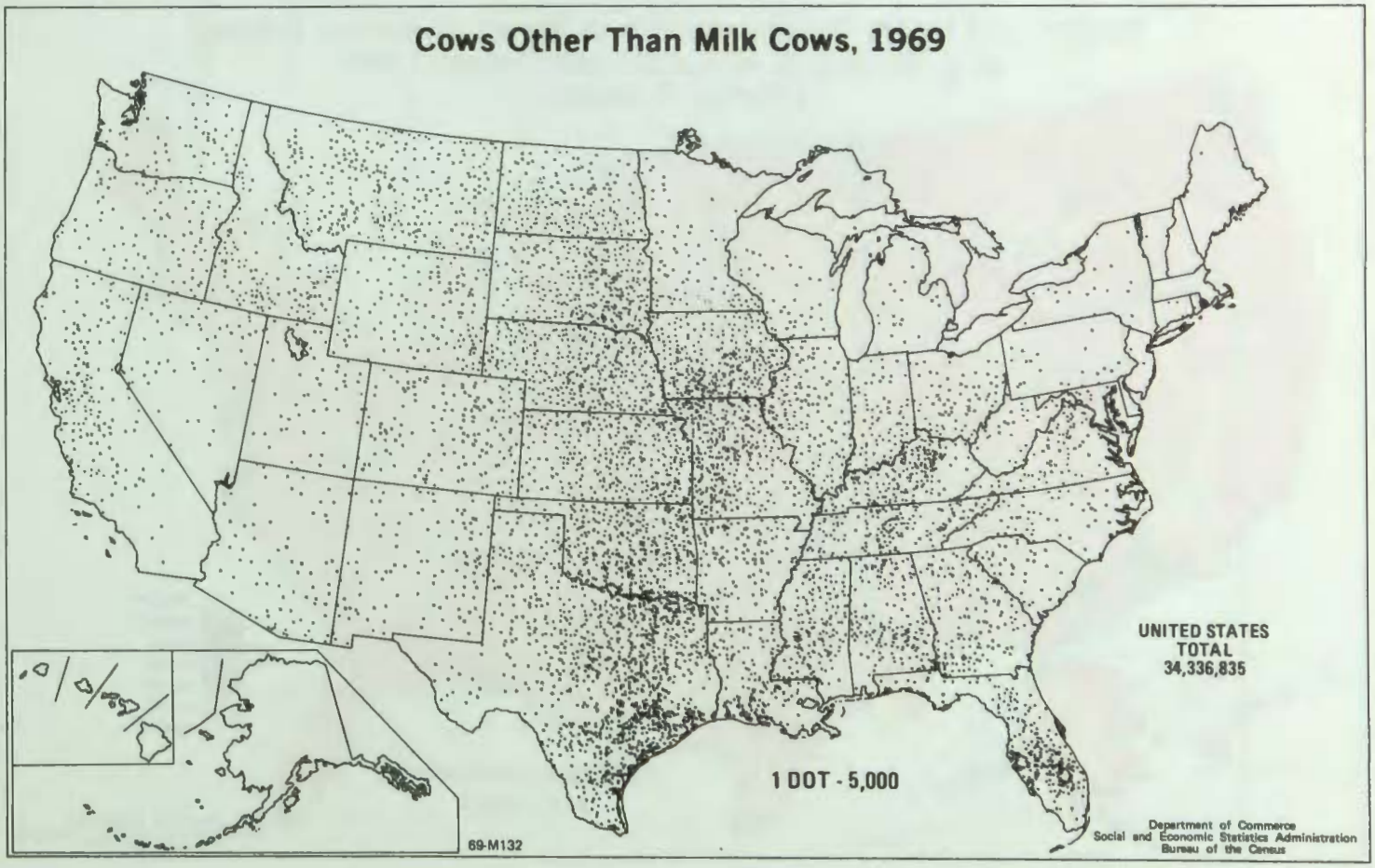

Milk Cows, 1969
UNITED STATES
TOTAL
11,174,521
1 DOT - 1,000
69-M130
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Milk Cows—Increase and Decrease in Number, 1964 to 1969
UNITED STATES
NET DECREASE
–3,448,109
1 DOT - 1,000 INCREASE
1 DOT - 1,000 DECREASE
69-M131
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

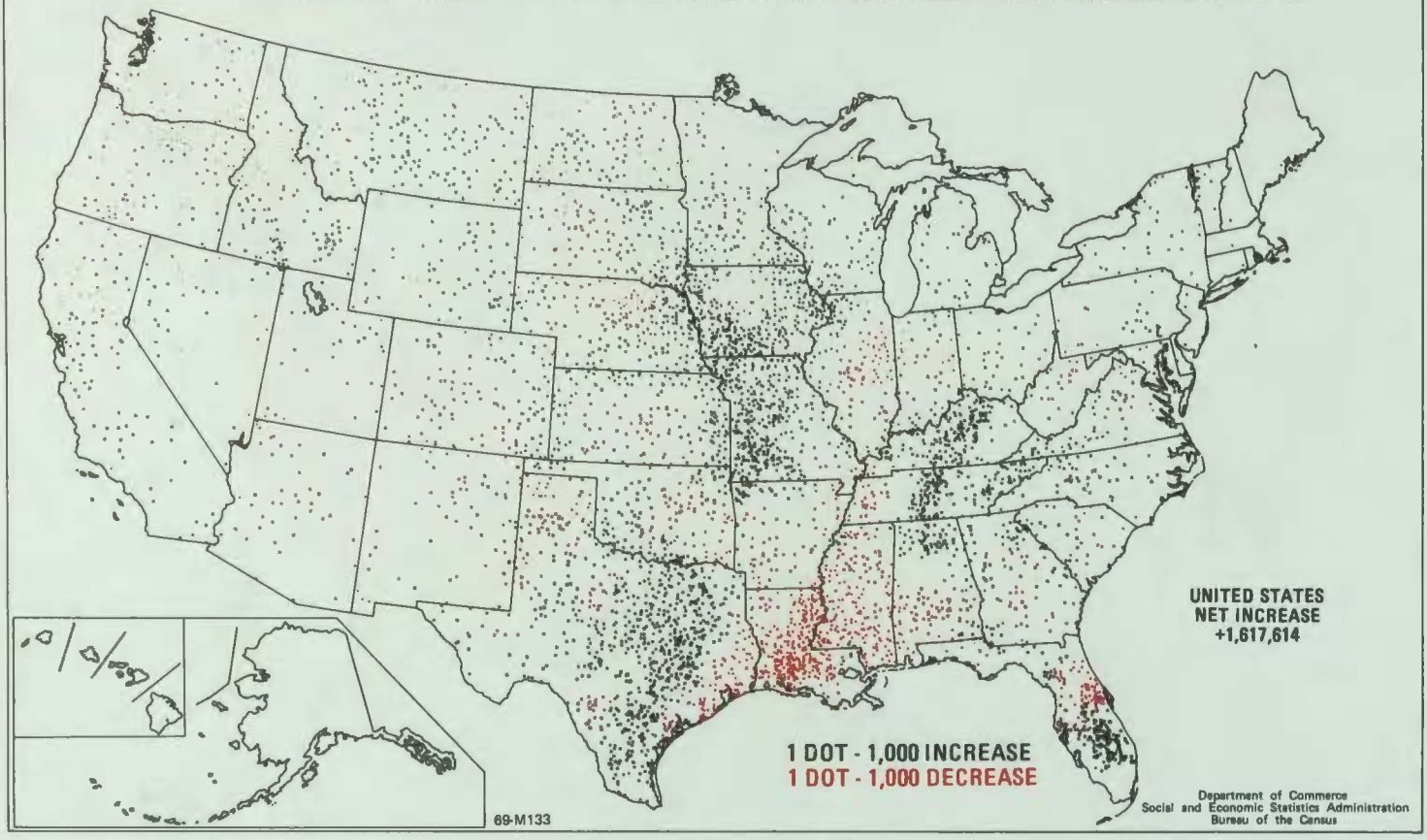
Milk Cows as a Percent of All Cows and Heifers That Had Calved, 1969



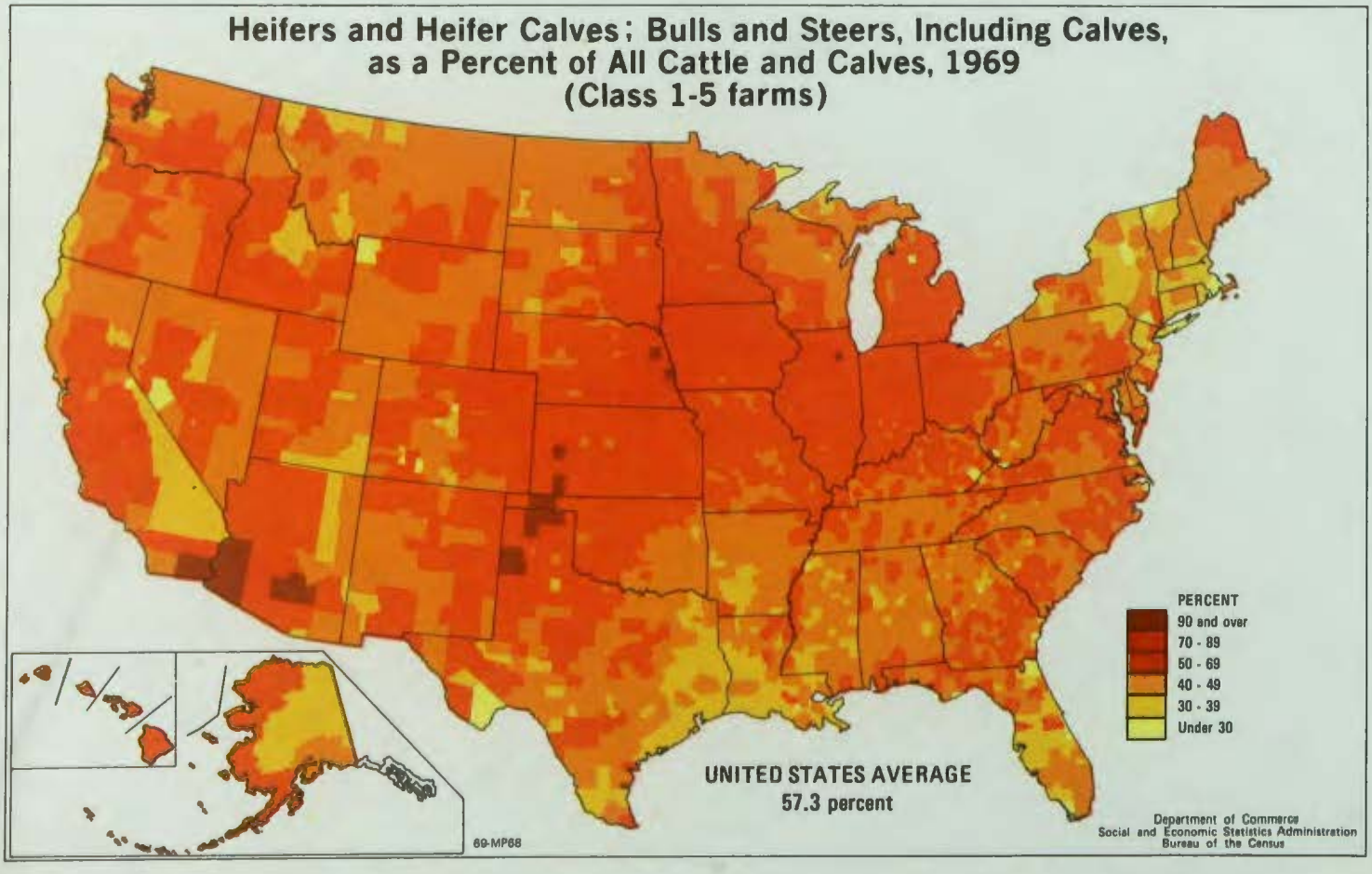
Cows Other Than Milk Cows, 1969

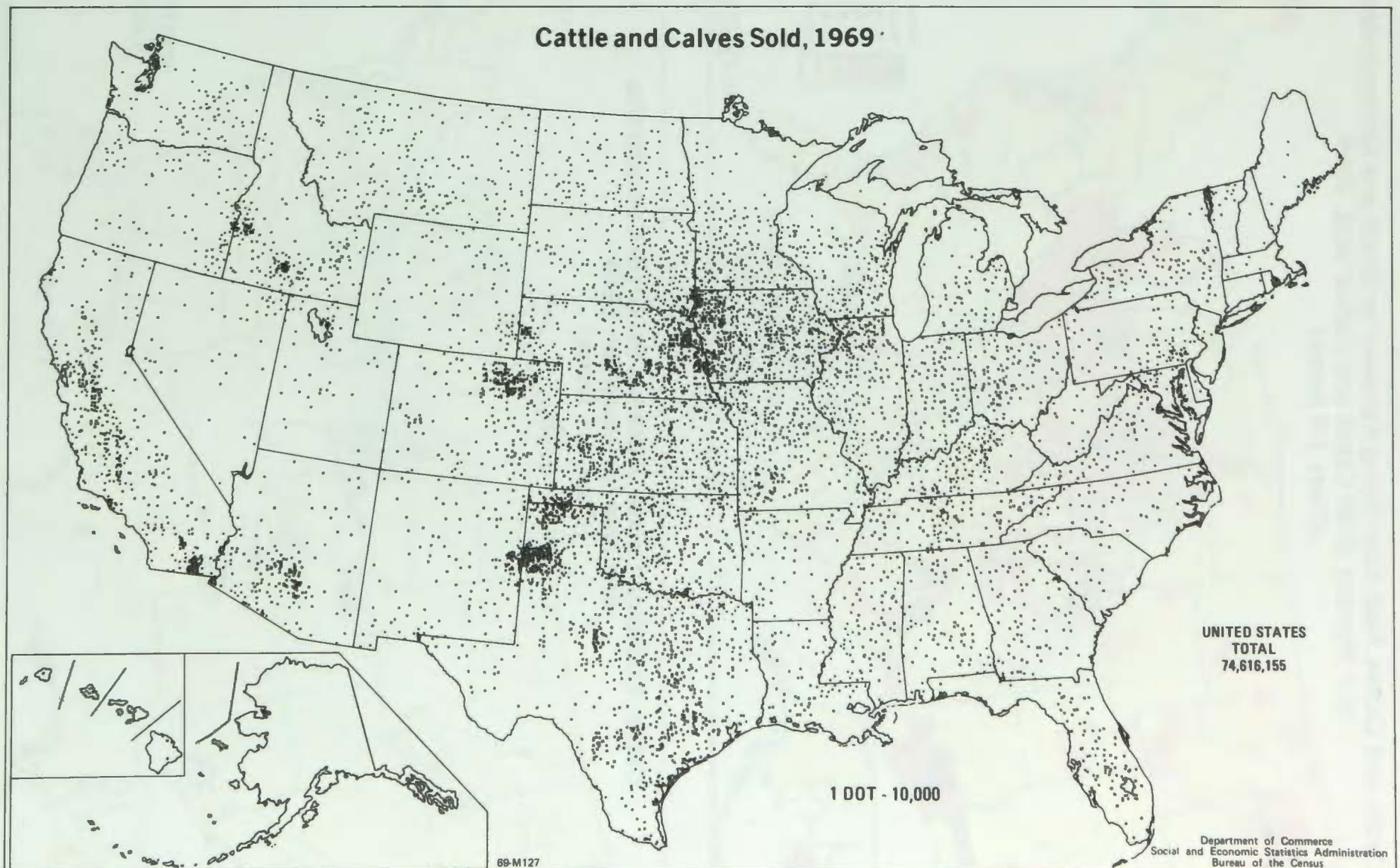


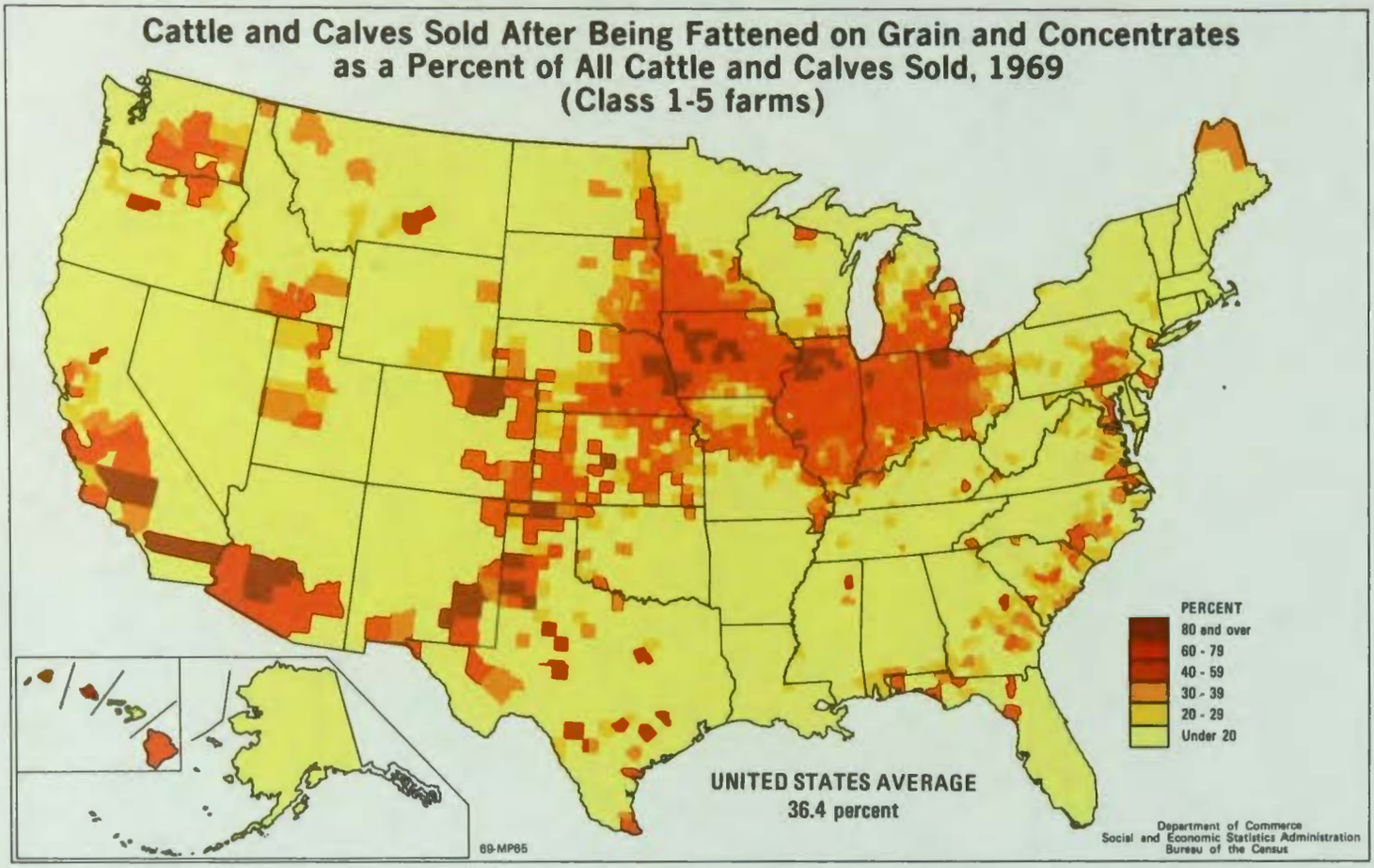
Cows Other Than Milk Cows—Increase and Decrease in Number, 1964-69

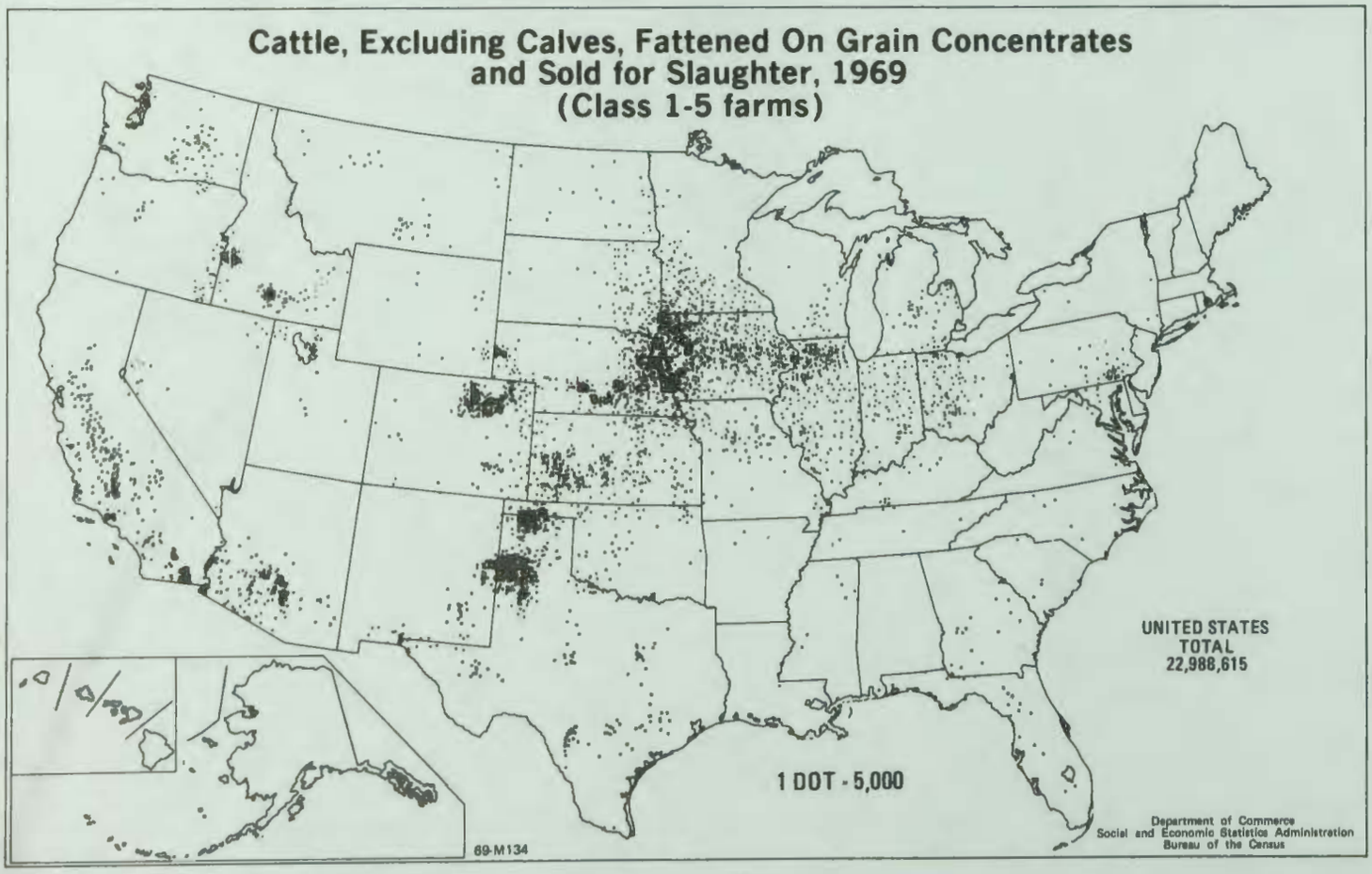


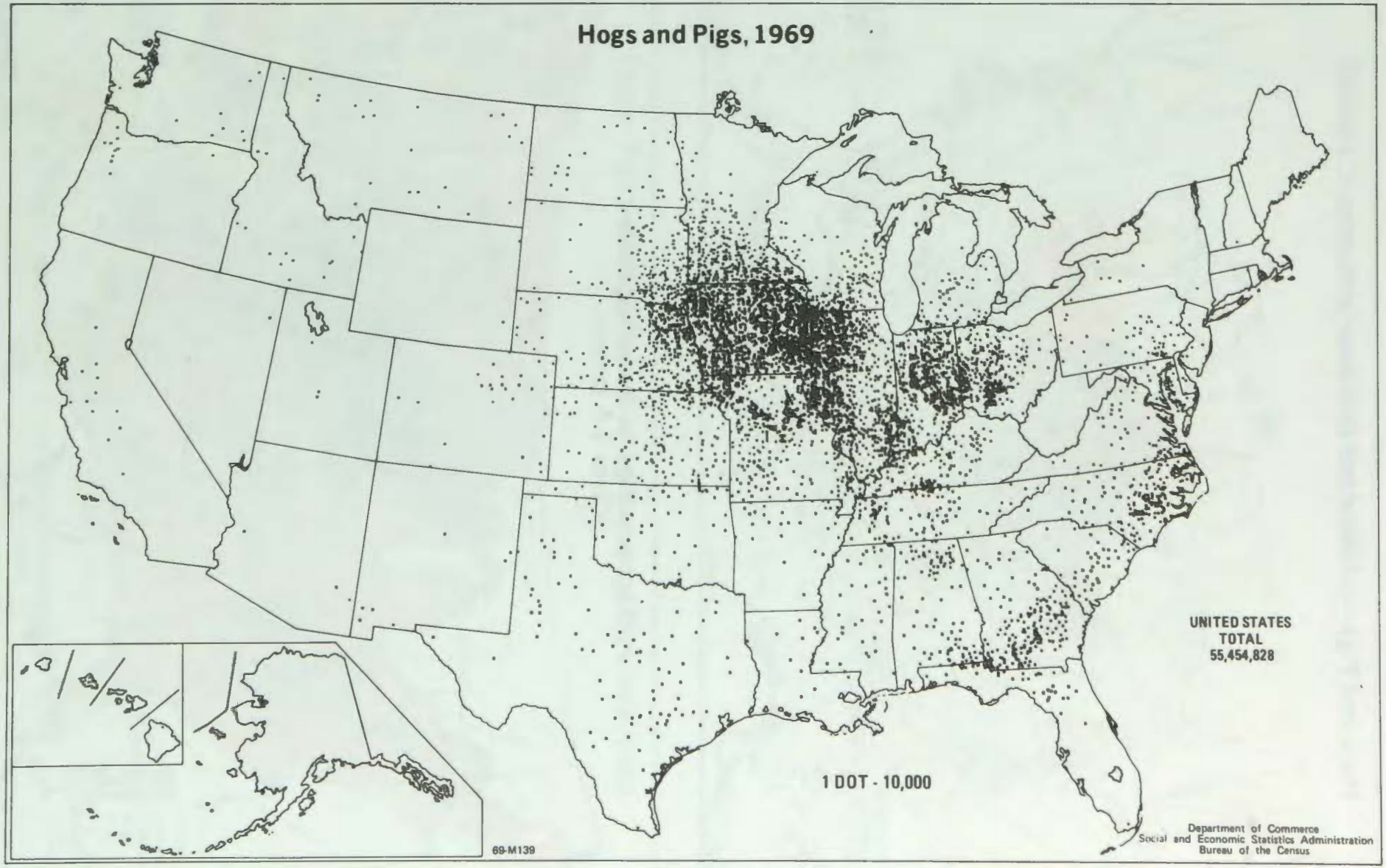
Heifers and Heifer Calves; Bulls and Steers, Including Calves, as a Percent of All Cattle and Calves, 1969 (Class 1-5 farms)

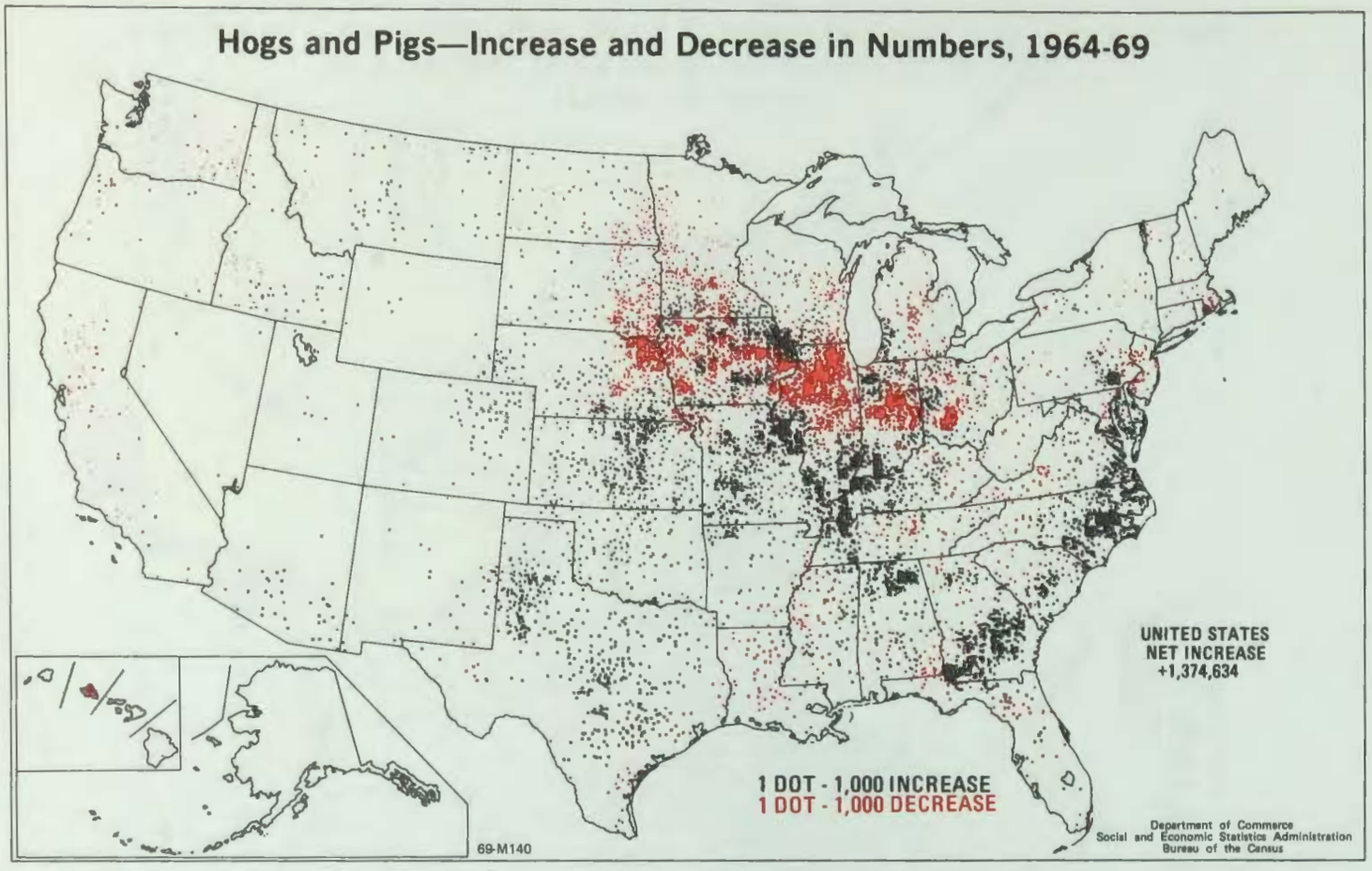


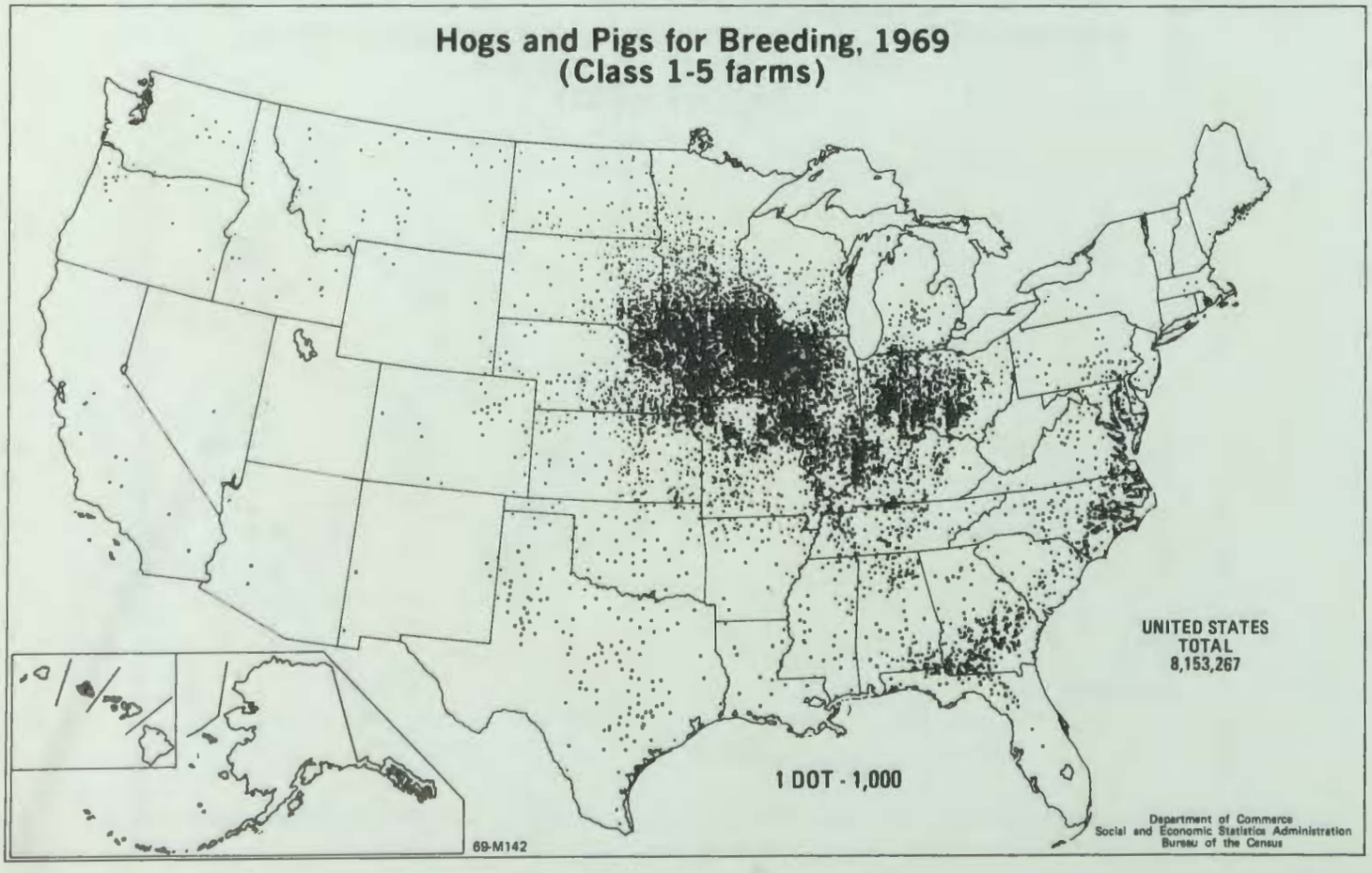

Cattle and Calves Sold, 1969
UNITED STATES
TOTAL
74,616,155
1 DOT - 10,000
69-M127
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

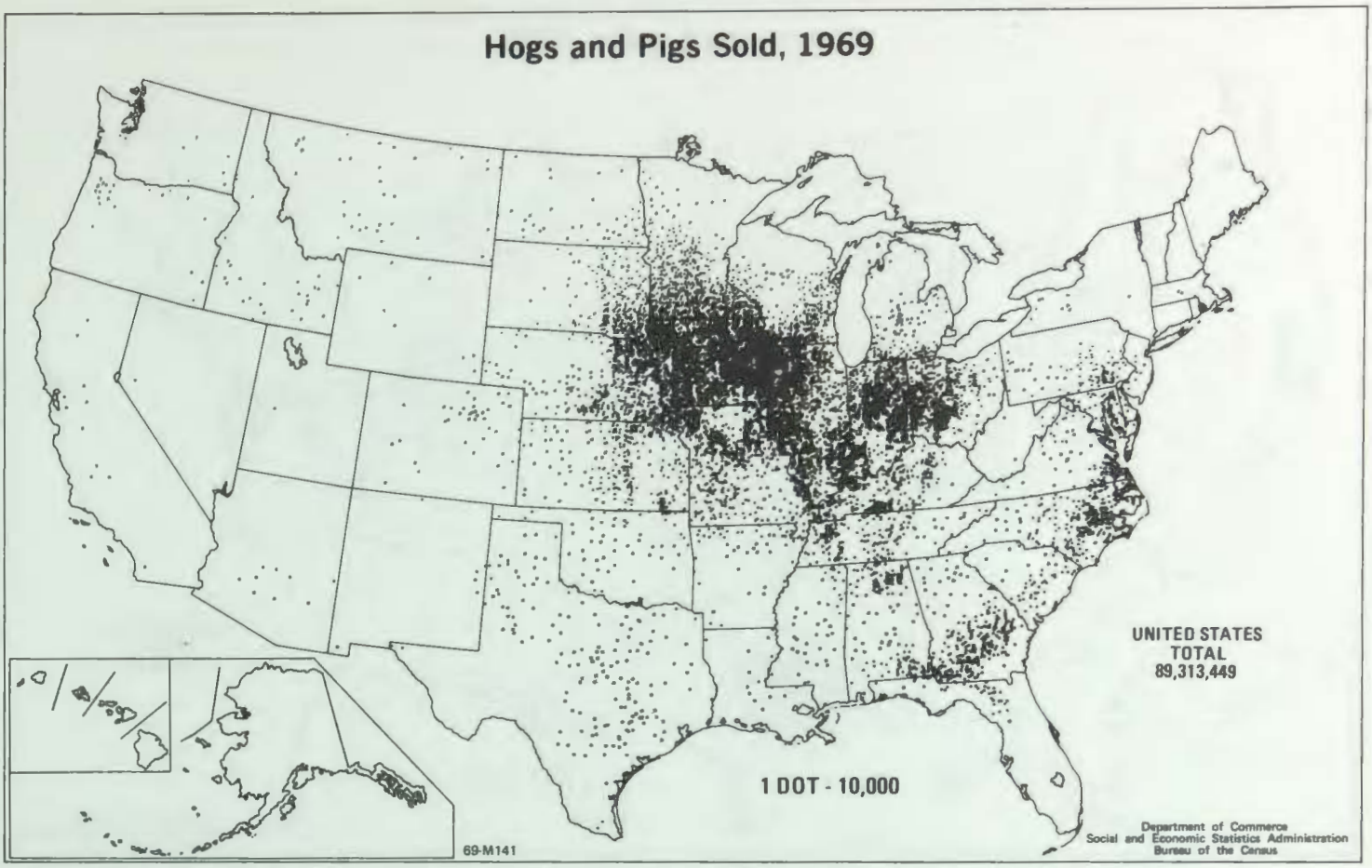

Cattle and Calves Sold After Being Fattened on Grain and Concentrates as a Percent of All Cattle and Calves Sold, 1969 (Class 1-5 farms)
PERCENT
80 and over
60 - 79
40 - 59
30 - 39
20 - 29
Under 20
UNITED STATES AVERAGE
36.4 percent
69-MP65
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

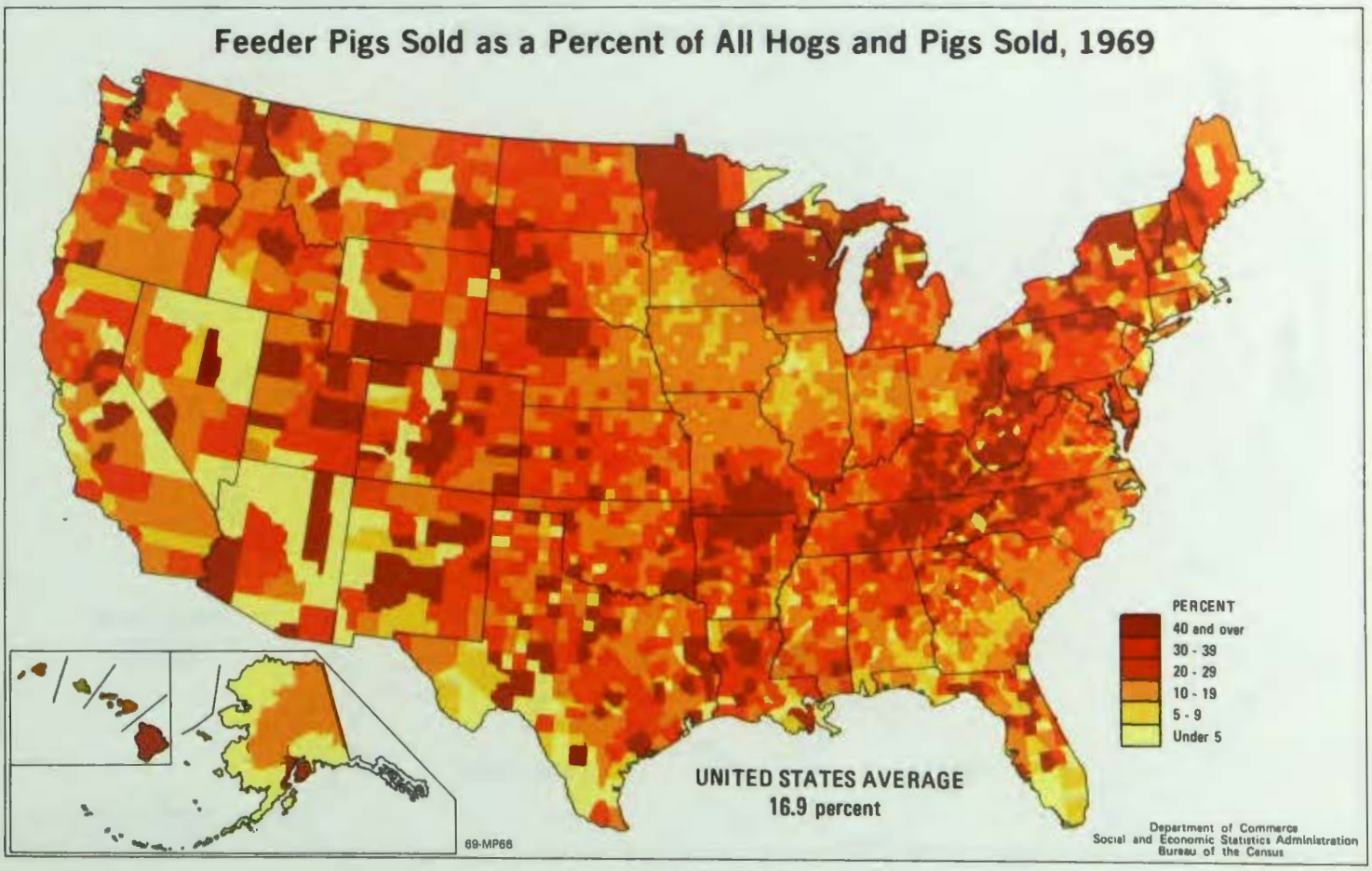

Cattle, Excluding Calves, Fattened On Grain Concentrates and Sold for Slaughter, 1969 (Class 1-5 farms)
UNITED STATES
TOTAL
22,988,615
1 DOT - 5,000
69-M134
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Hogs and Pigs, 1969
UNITED STATES
TOTAL
55,454,828
1 DOT - 10,000
69-M139
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

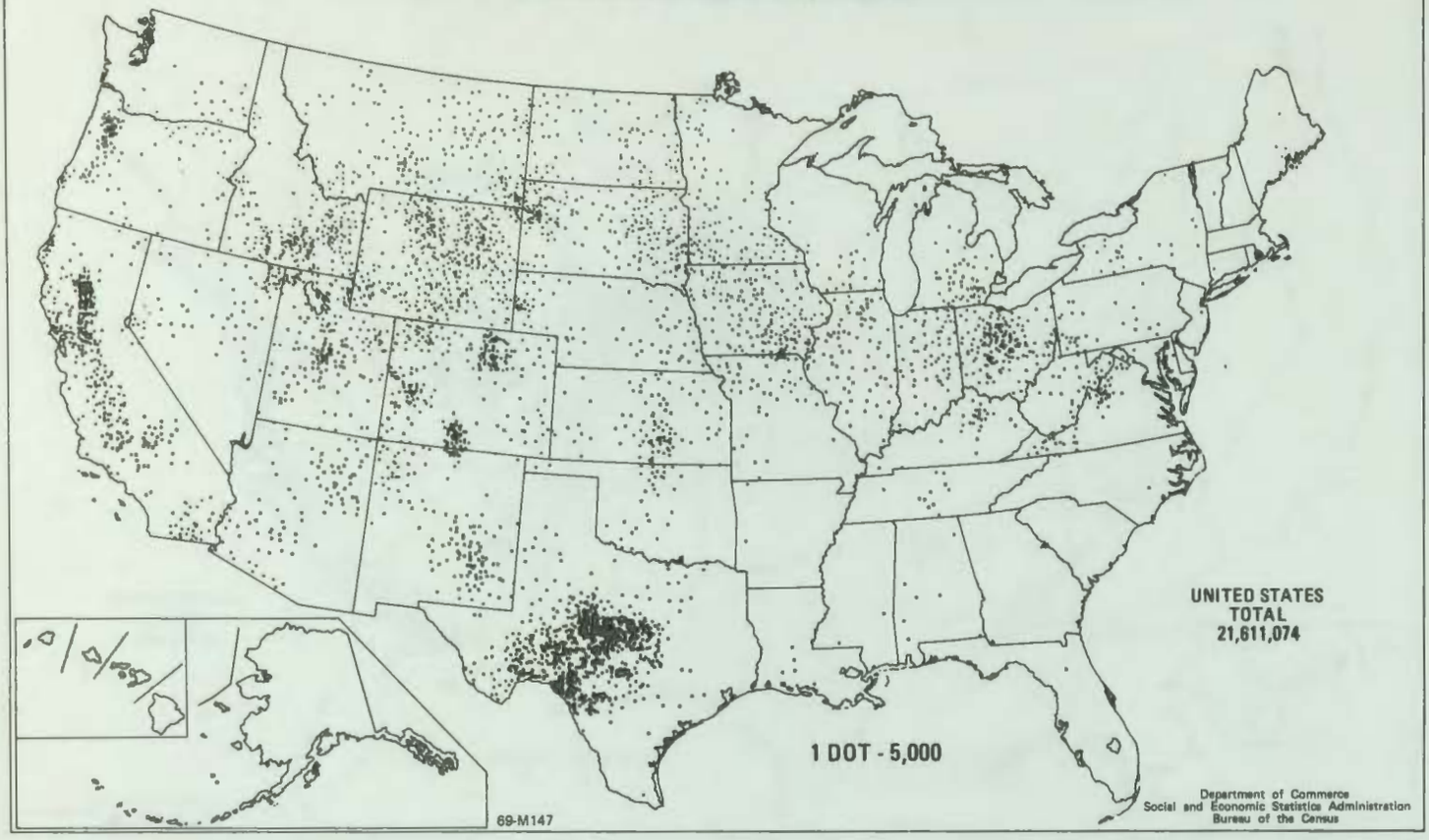

Hogs and Pigs—Increase and Decrease in Numbers, 1964-69
UNITED STATES
NET INCREASE
+1,374,634
1 DOT - 1,000 INCREASE
1 DOT - 1,000 DECREASE
69-M140
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Hogs and Pigs for Breeding, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
8,153,267
1 DOT - 1,000
69-M142
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

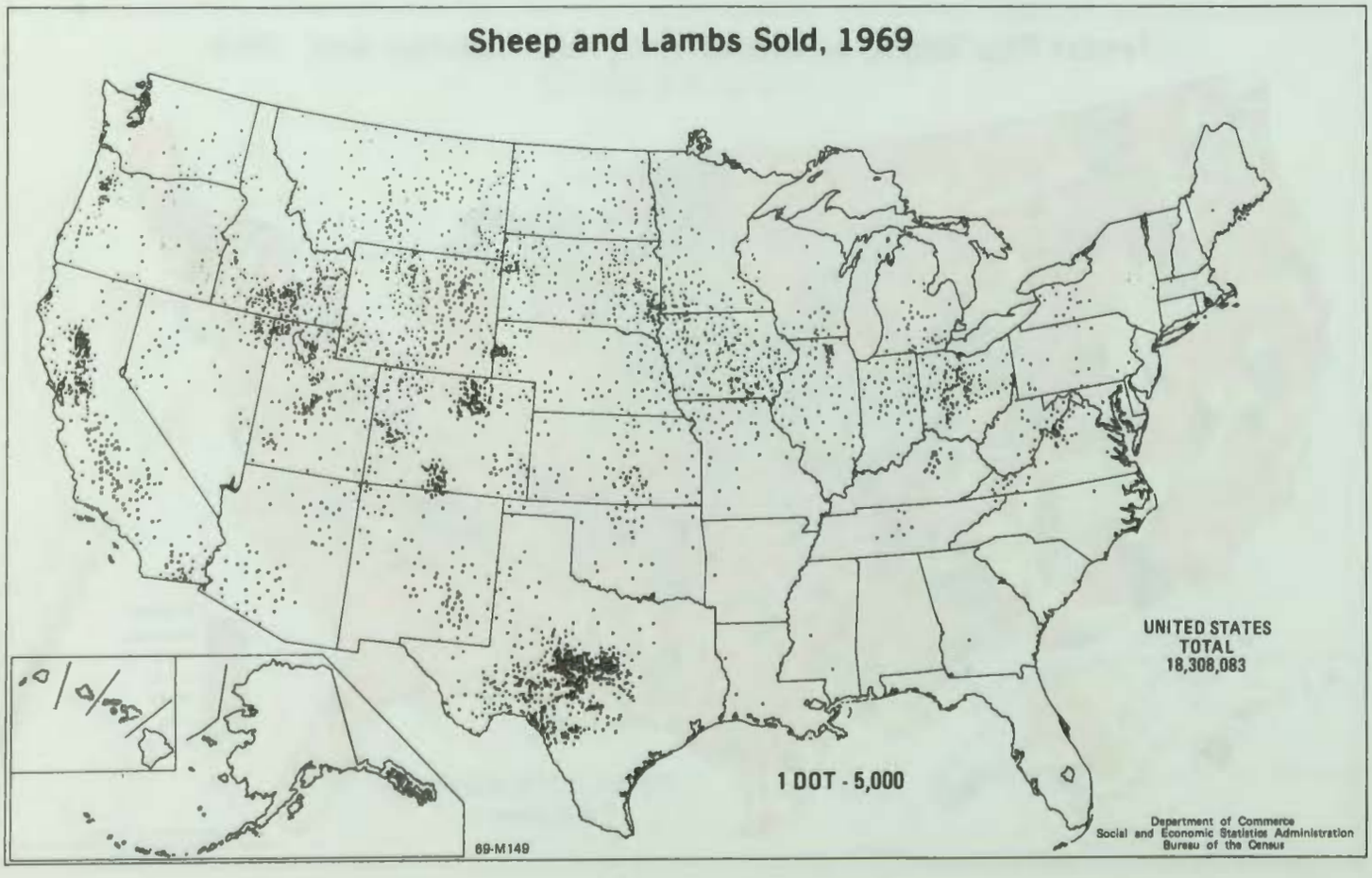

Hogs and Pigs Sold, 1969
UNITED STATES
TOTAL
89,313,449
1 DOT - 10,000
69-M141
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

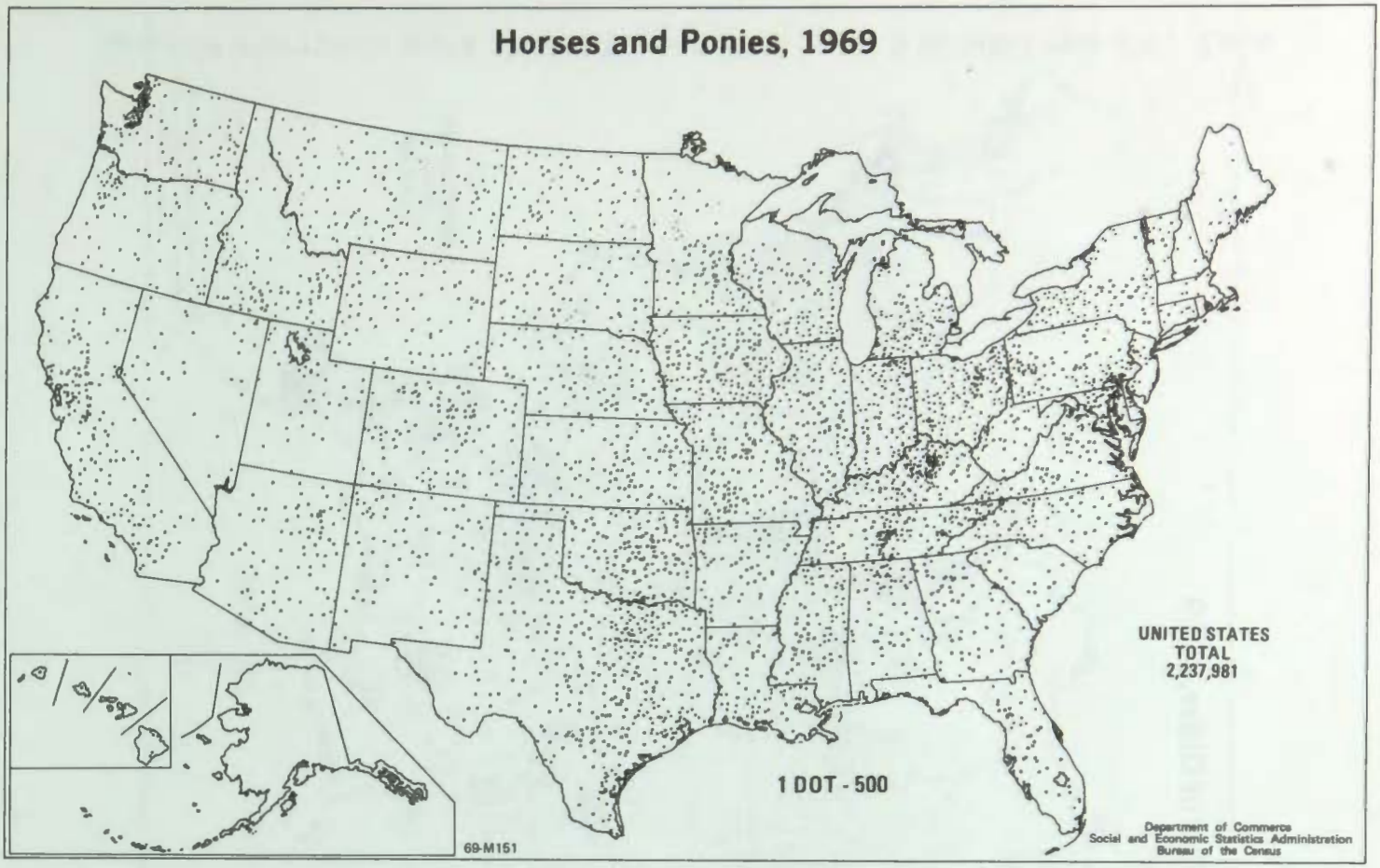

Feeder Pigs Sold as a Percent of All Hogs and Pigs Sold, 1969
PERCENT
40 and over
30 - 39
20 - 29
10 - 19
5 - 9
Under 5
UNITED STATES AVERAGE
16.9 percent
69-MP66
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

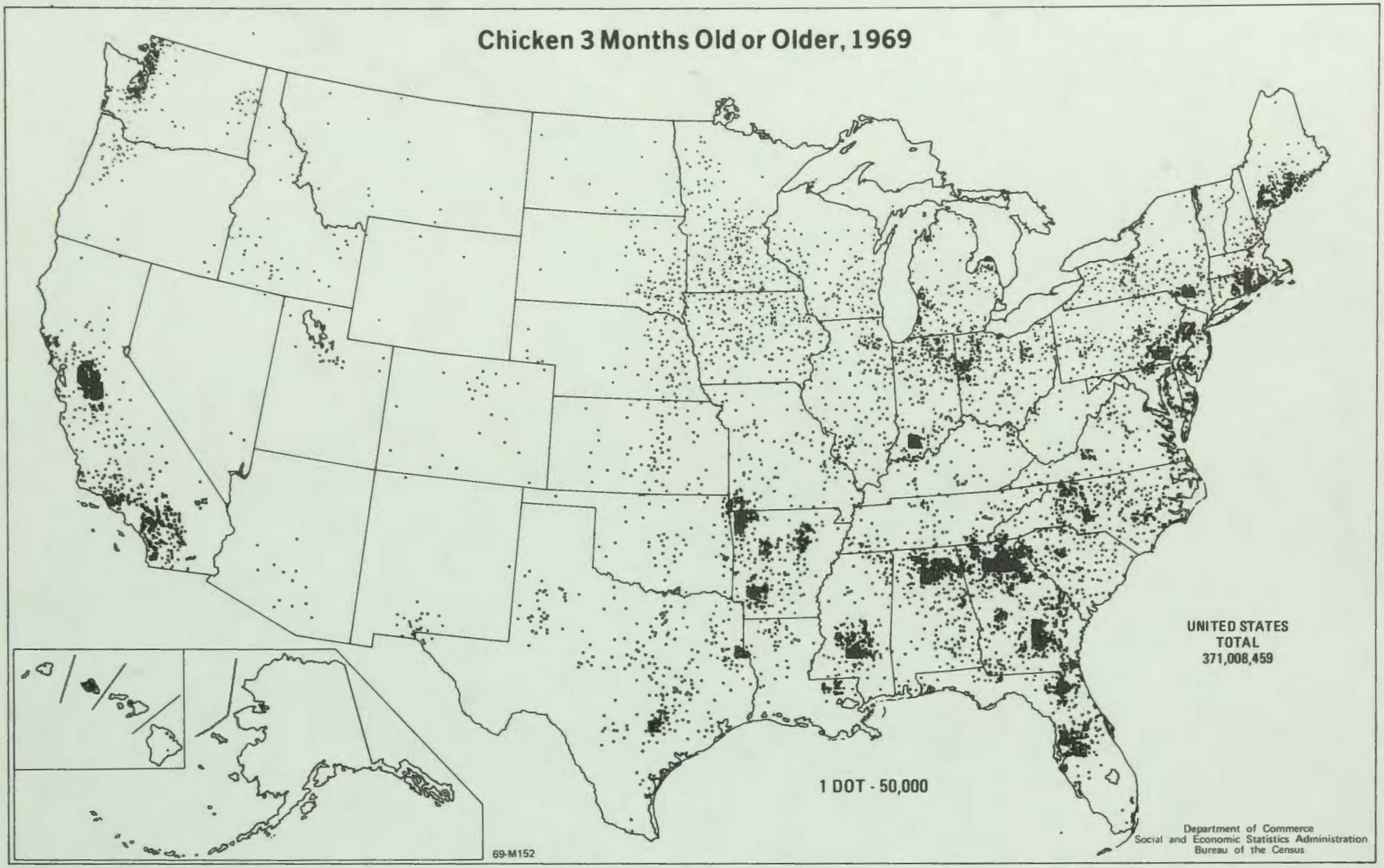
Sheep and Lambs, 1969

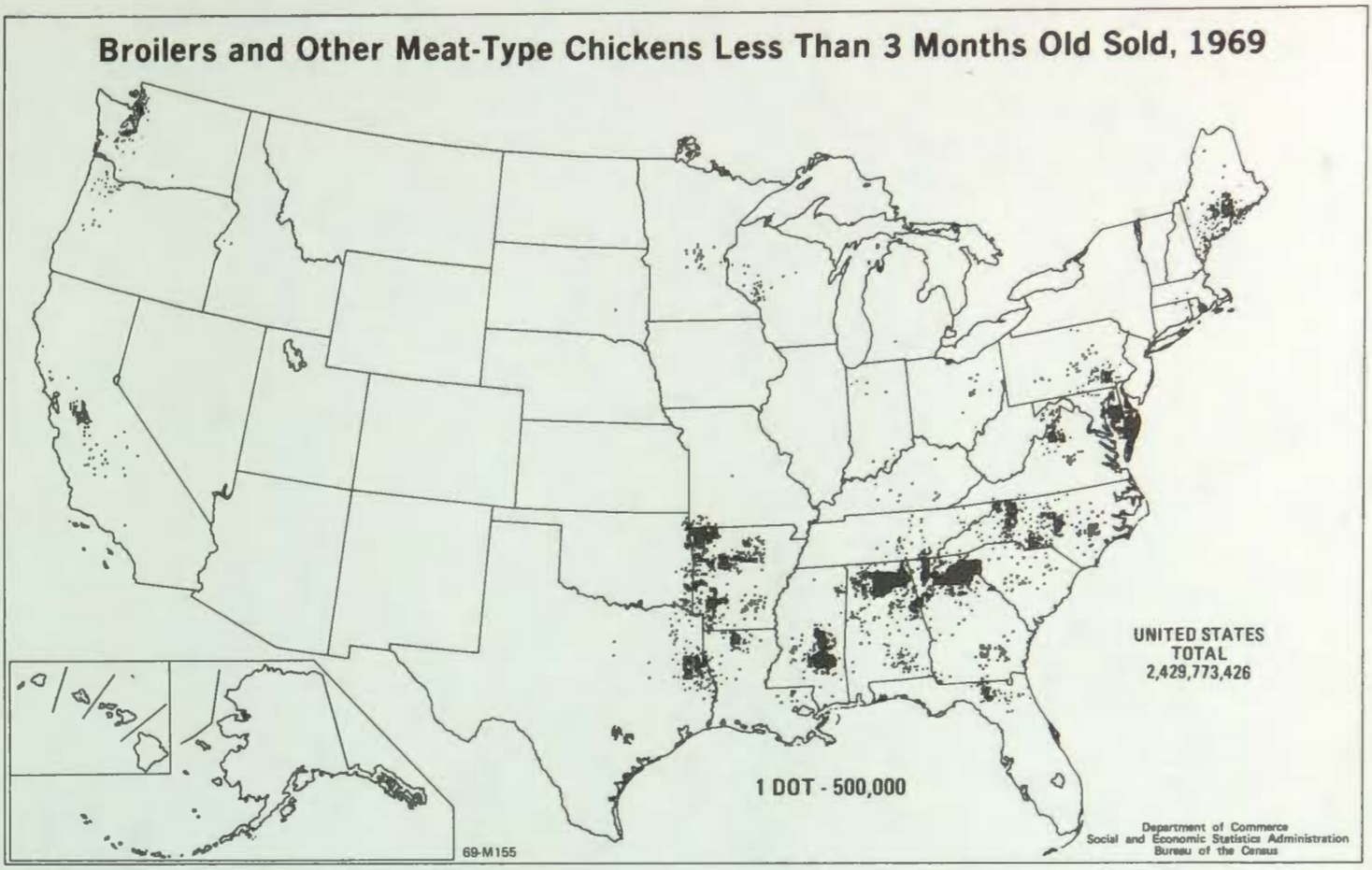


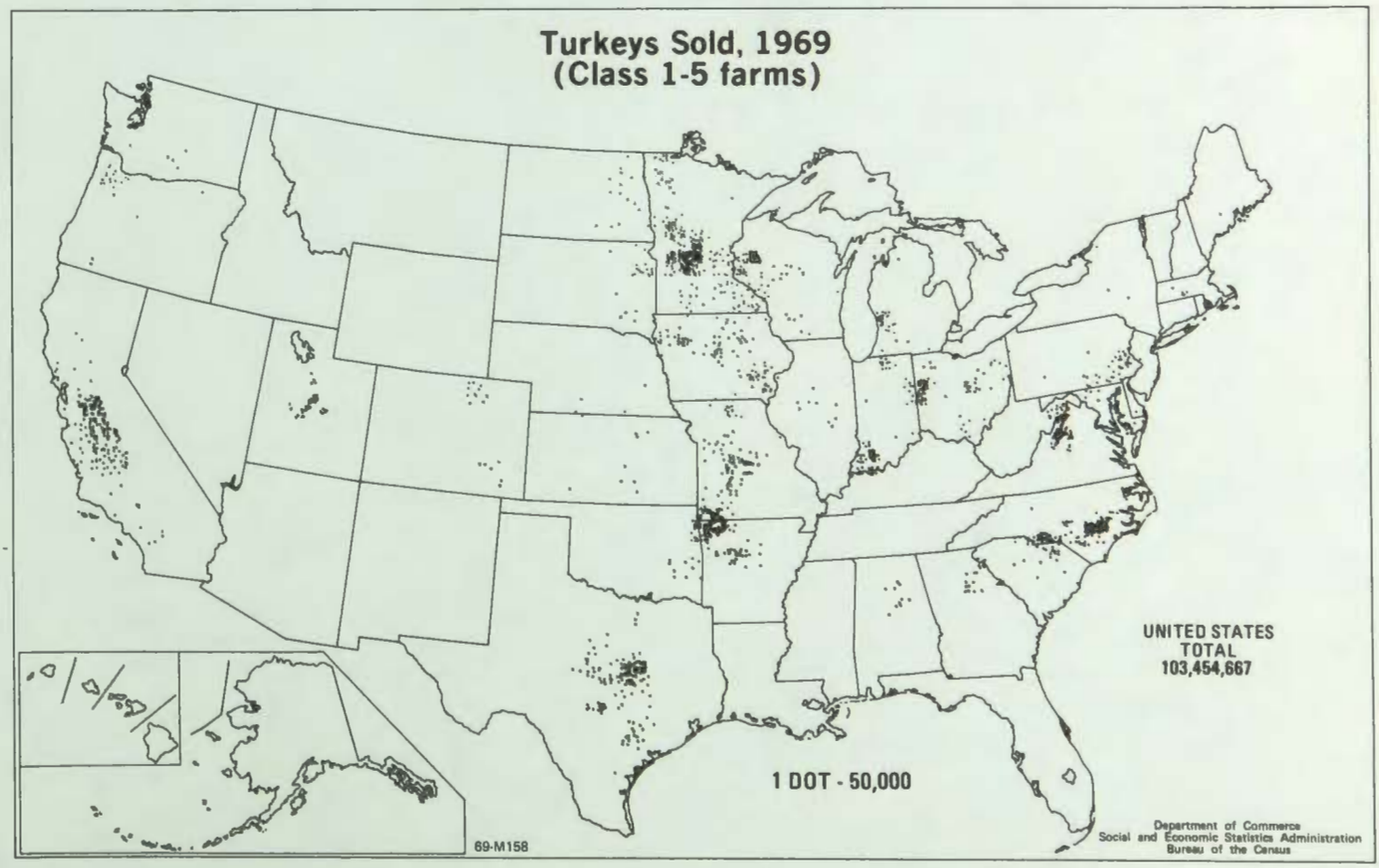
Sheep and Lambs Sold, 1969

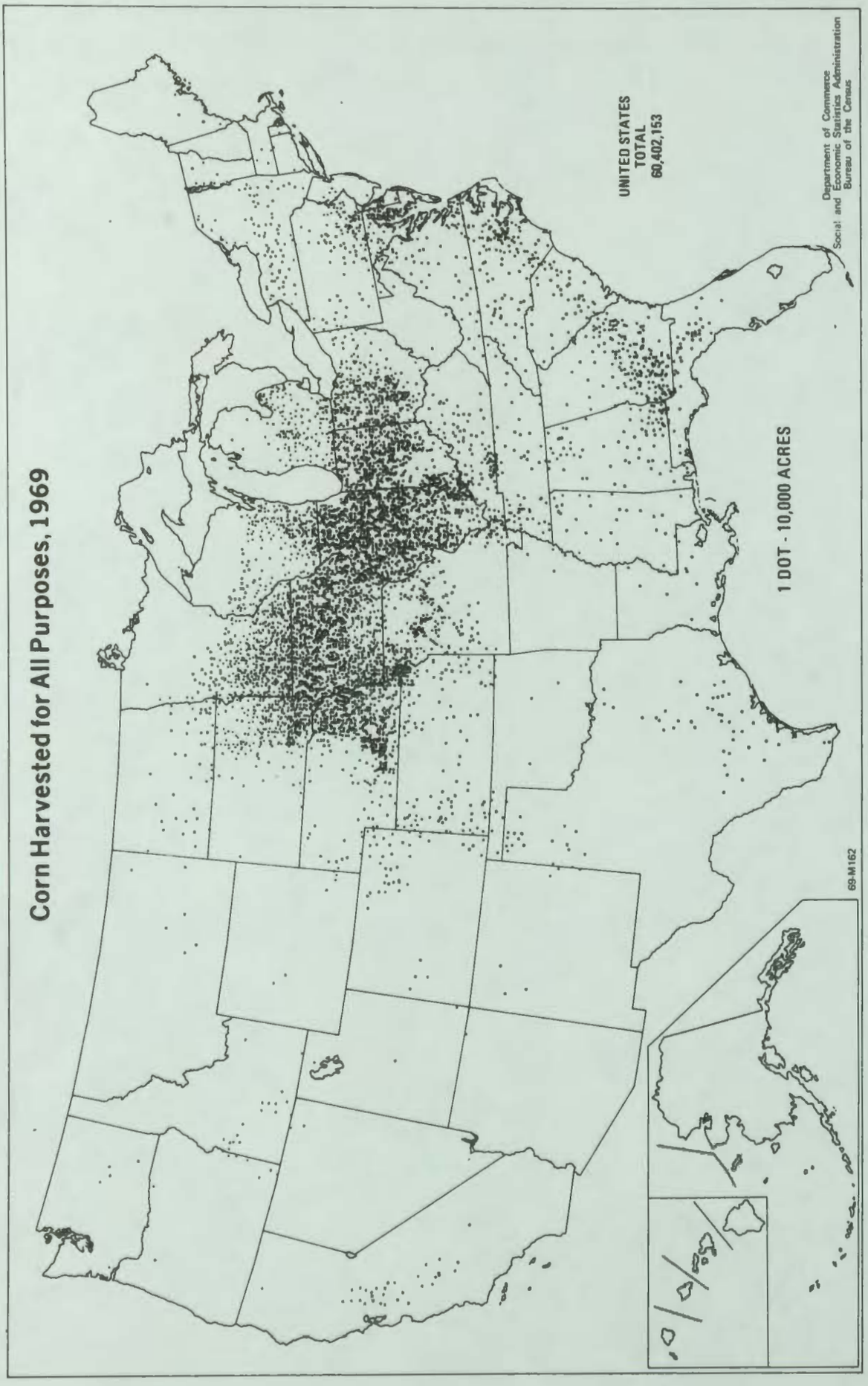


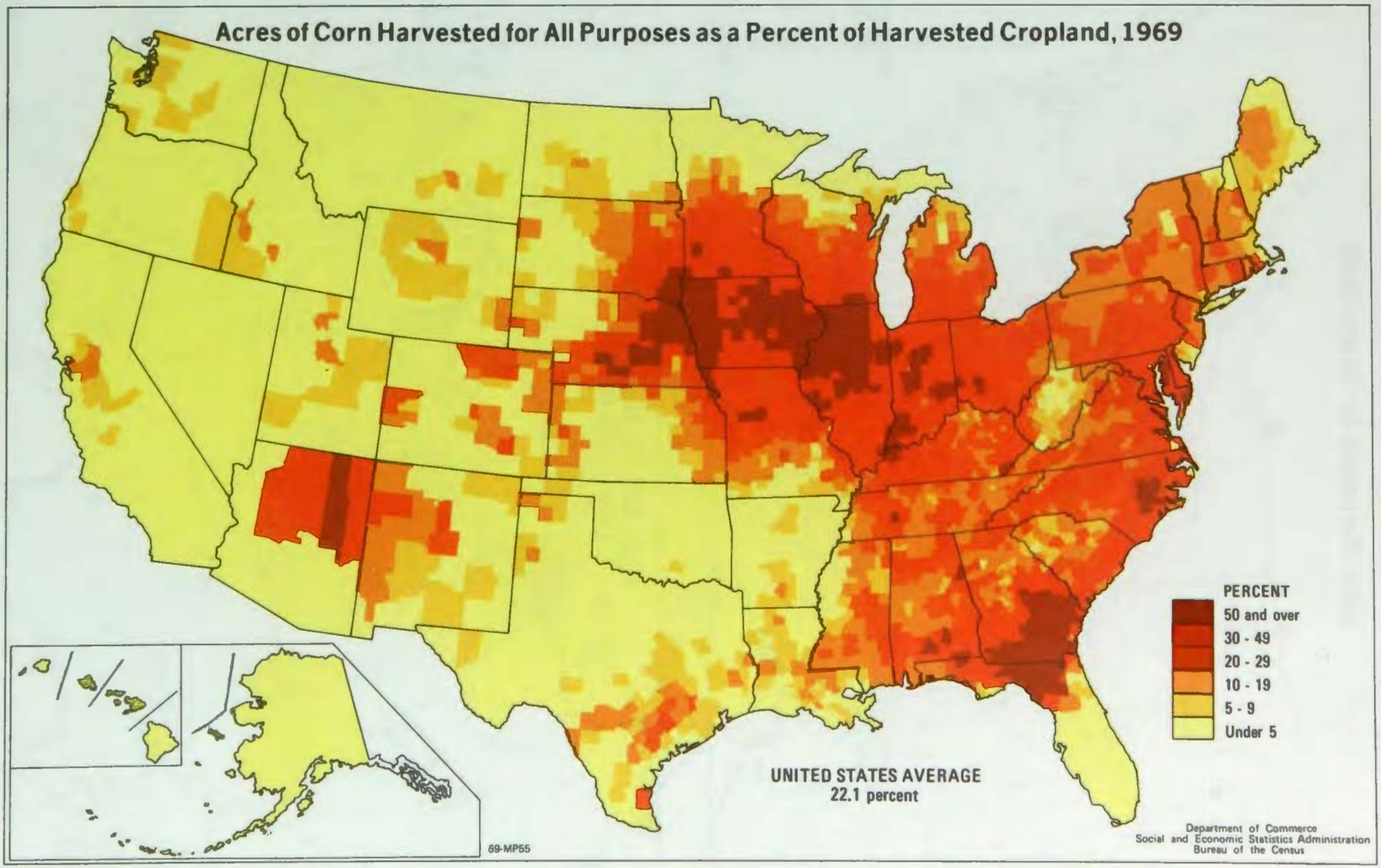

Horses and Ponies, 1969
UNITED STATES
TOTAL
2,237,981
1 DOT - 500
69-M151
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

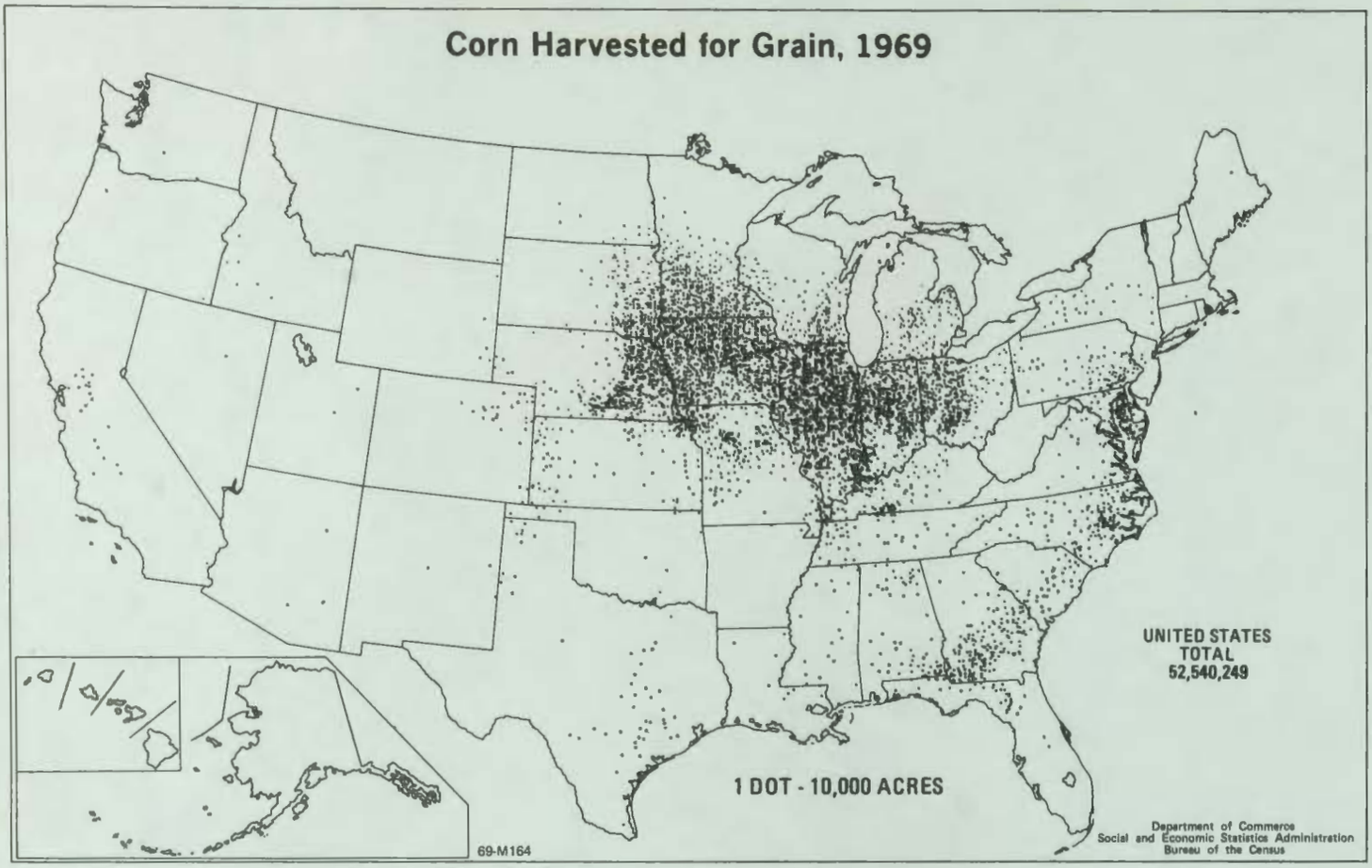

Chicken 3 Months Old or Older, 1969
UNITED STATES
TOTAL
371,008,459
1 DOT - 50,000
69-M152
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

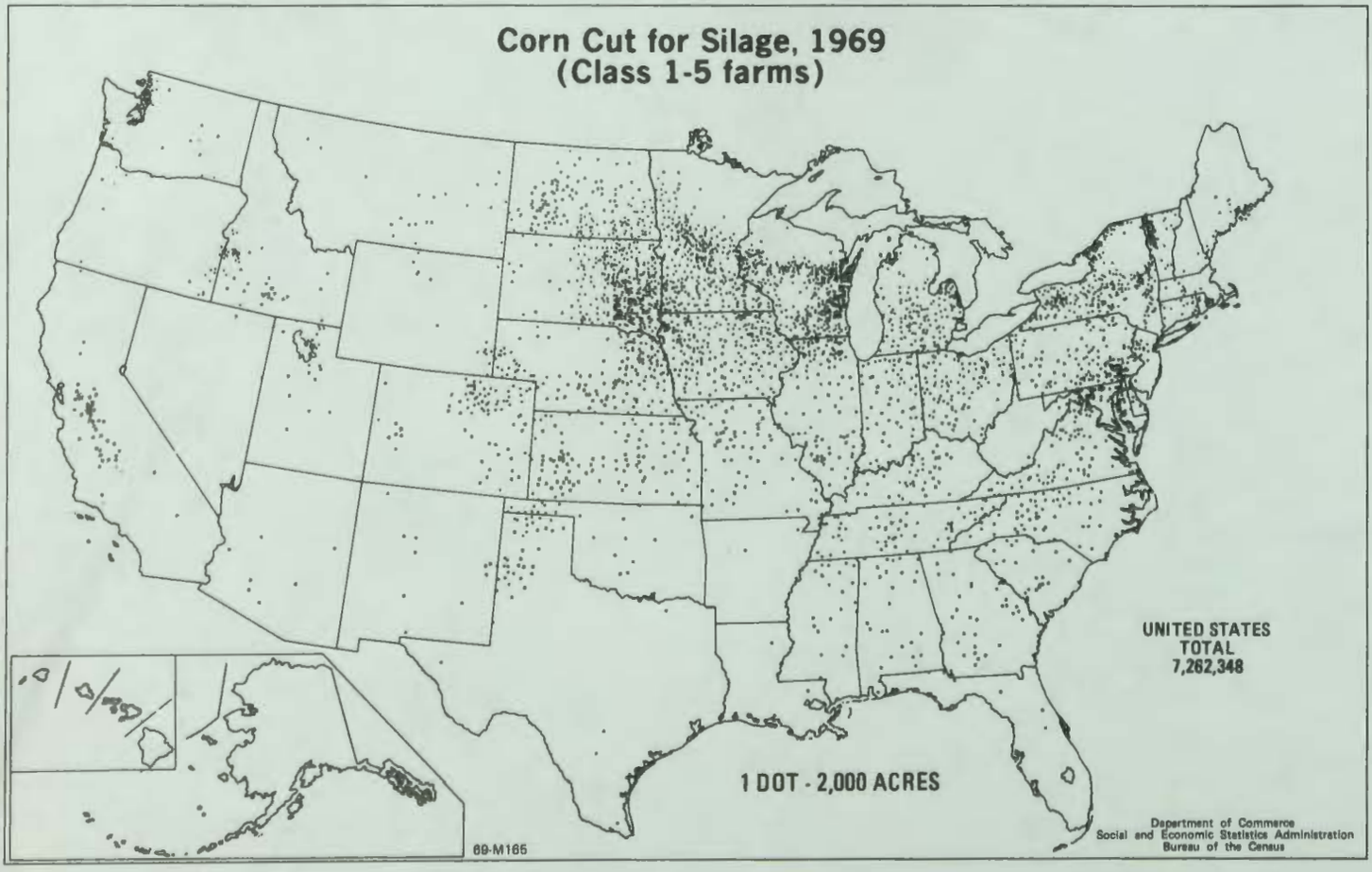

Broilers and Other Meat-Type Chickens Less Than 3 Months Old Sold, 1969
UNITED STATES
TOTAL
2,429,773,426
1 DOT - 500,000
69-M155
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

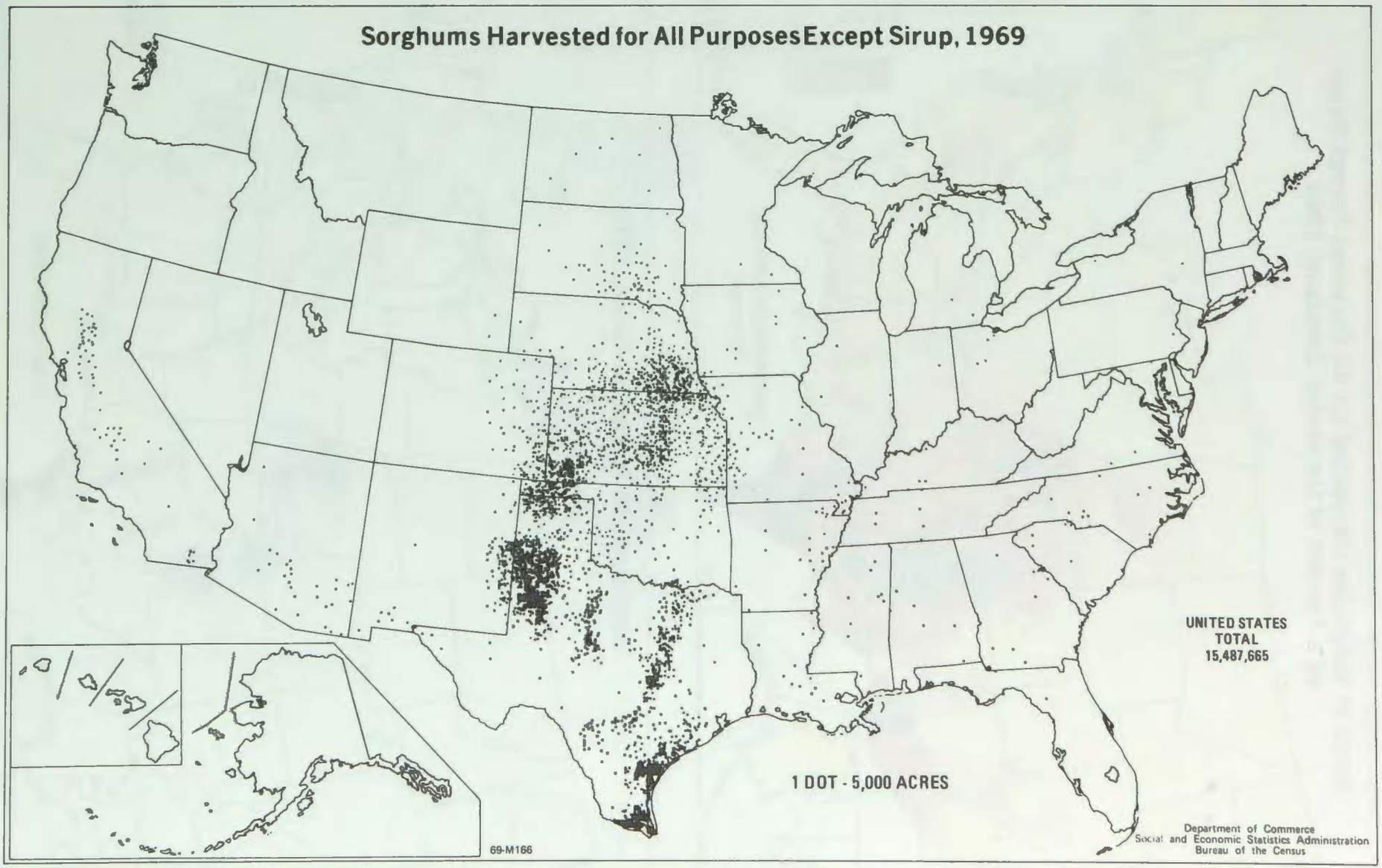

Turkeys Sold, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
103,454,667
1 DOT - 50,000
69-M158
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

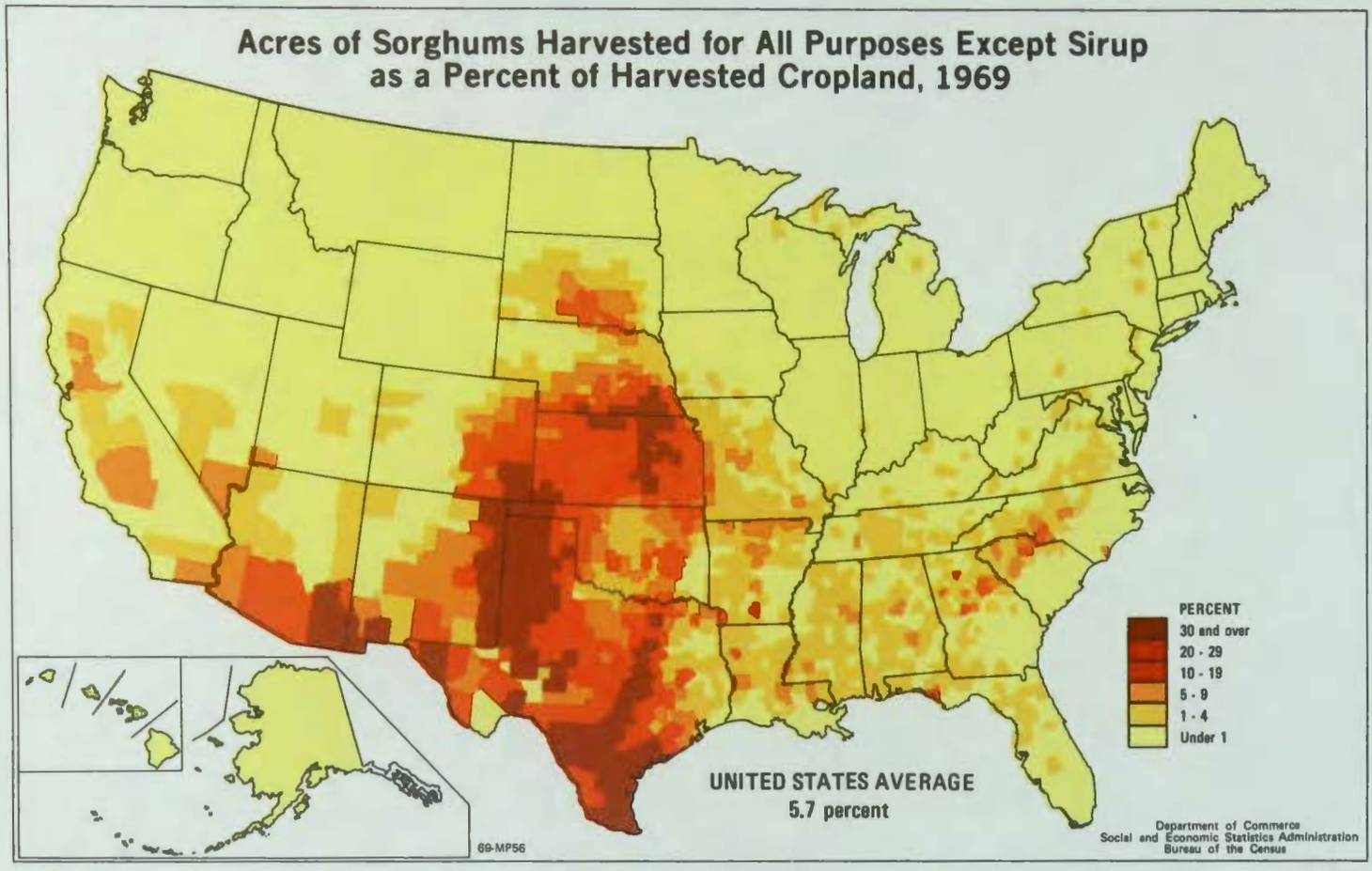

Corn Harvested for All Purposes, 1969
UNITED STATES
TOTAL
60,402,153
1 DOT - 10,000 ACRES
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census
69-M162

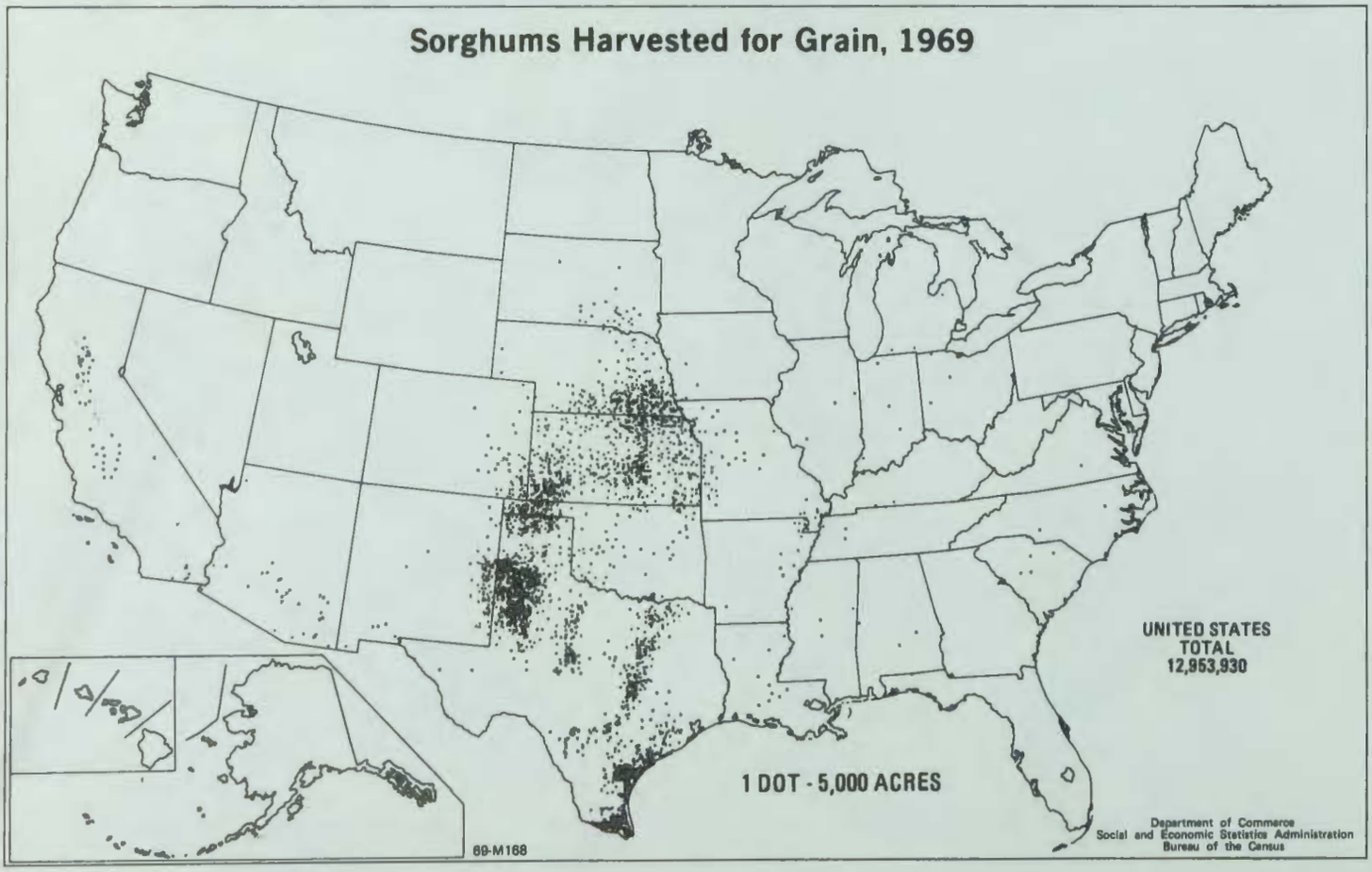

Acres of Corn Harvested for All Purposes as a Percent of Harvested Cropland, 1969
PERCENT
50 and over
30 - 49
20 - 29
10 - 19
5 - 9
Under 5
UNITED STATES AVERAGE
22.1 percent
69-MP55
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

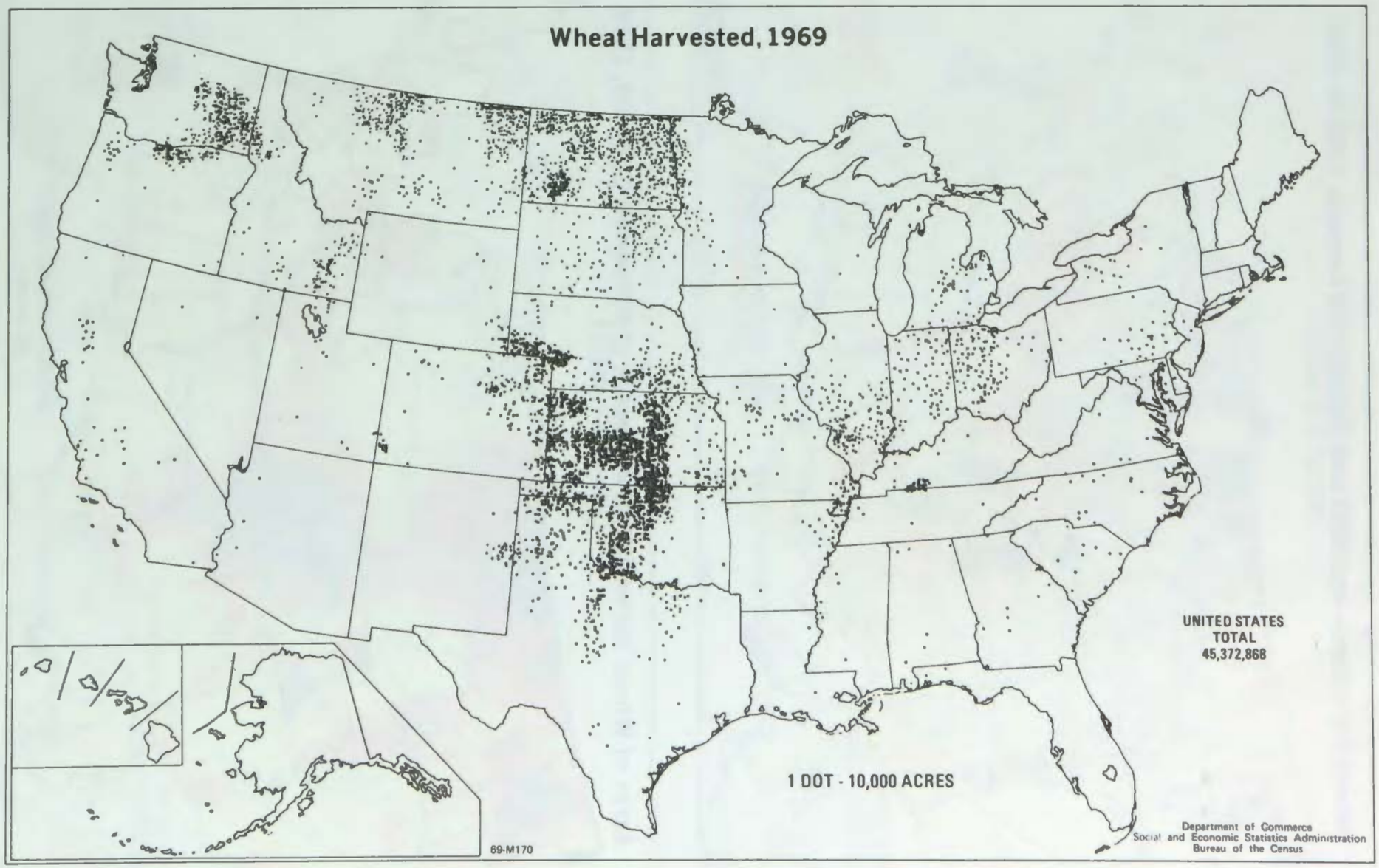

Corn Harvested for Grain, 1969
UNITED STATES
TOTAL
52,540,249
1 DOT - 10,000 ACRES
69-M164
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

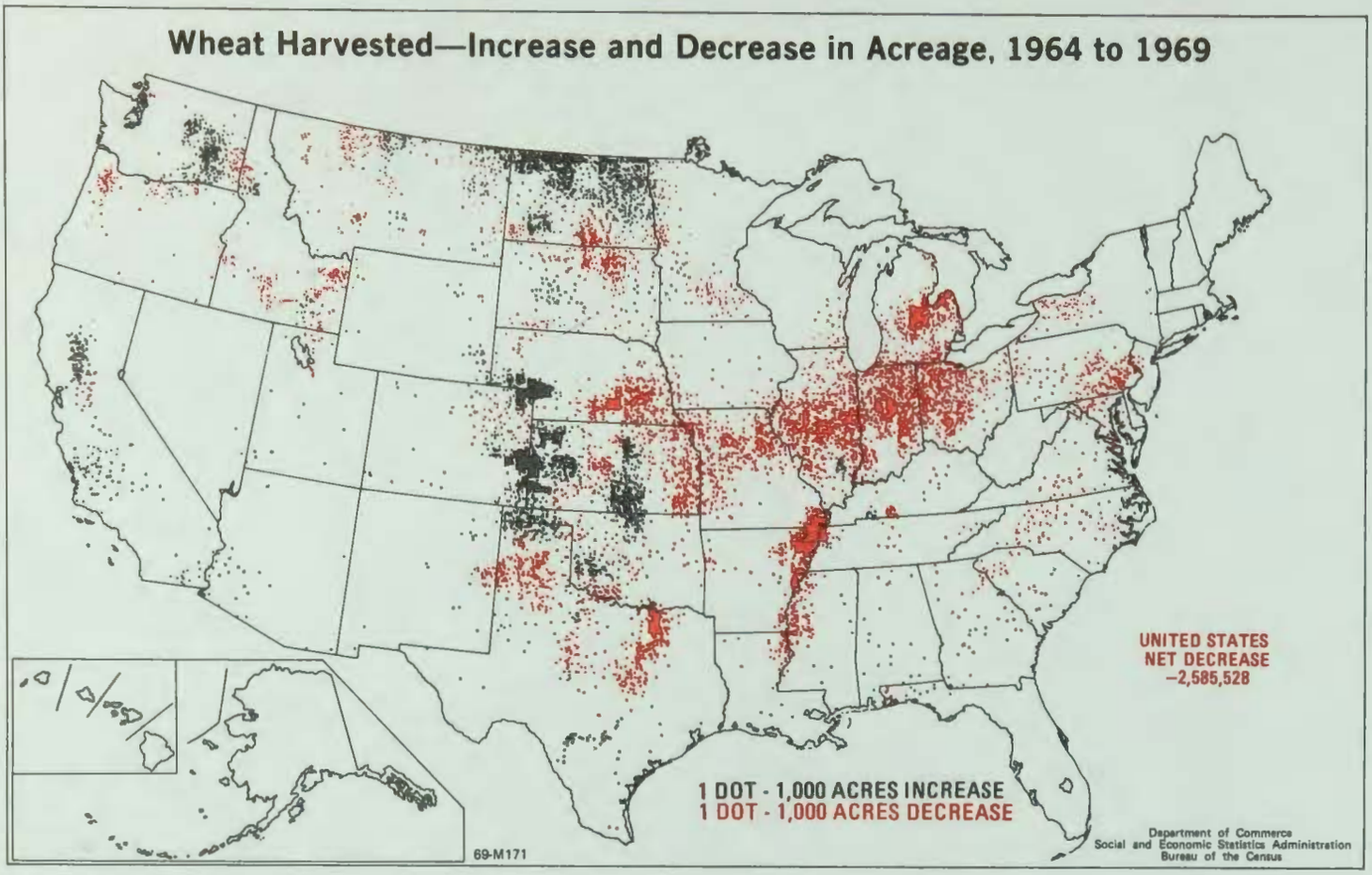

Corn Cut for Silage, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
7,262,348
1 DOT - 2,000 ACRES
69-M165
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

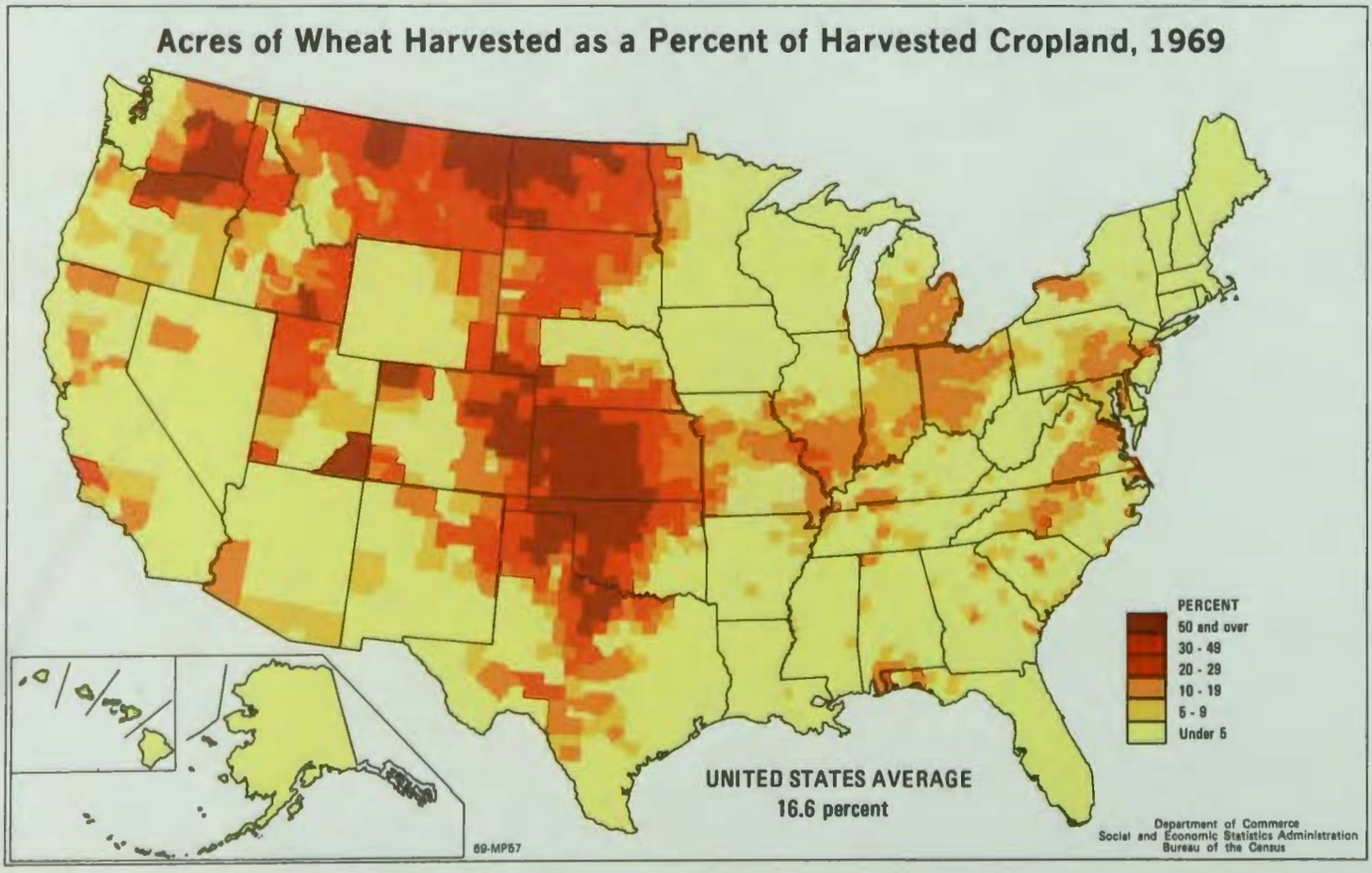

Sorghums Harvested for All Purposes Except Sirup, 1969
UNITED STATES
TOTAL
15,487,665
1 DOT - 5,000 ACRES
69-M166
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

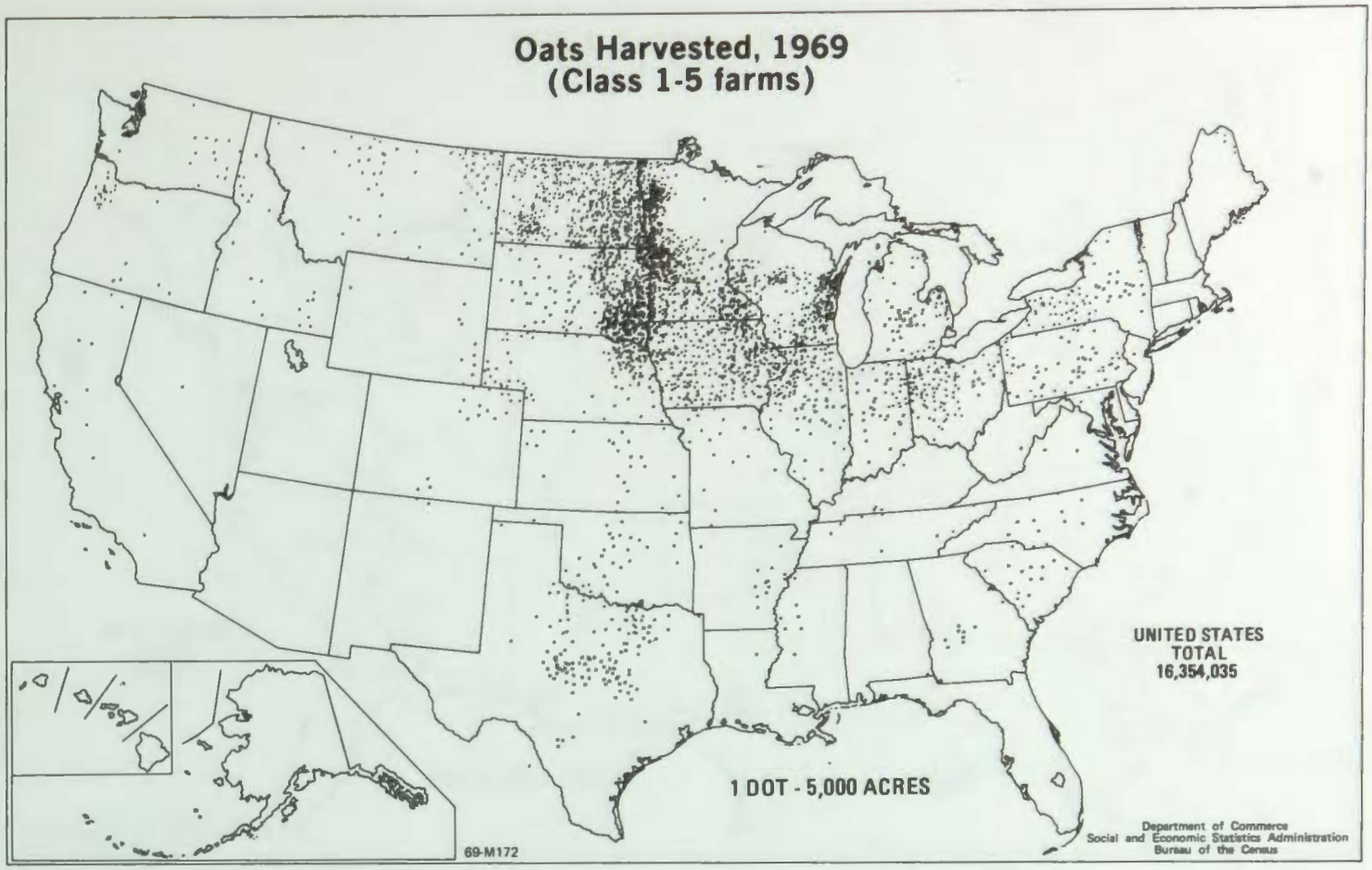

Acres of Sorghums Harvested for All Purposes Except Sirup as a Percent of Harvested Cropland, 1969
PERCENT
30 and over
20 - 29
10 - 19
5 - 9
1 - 4
Under 1
UNITED STATES AVERAGE
5.7 percent
69-MP56
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

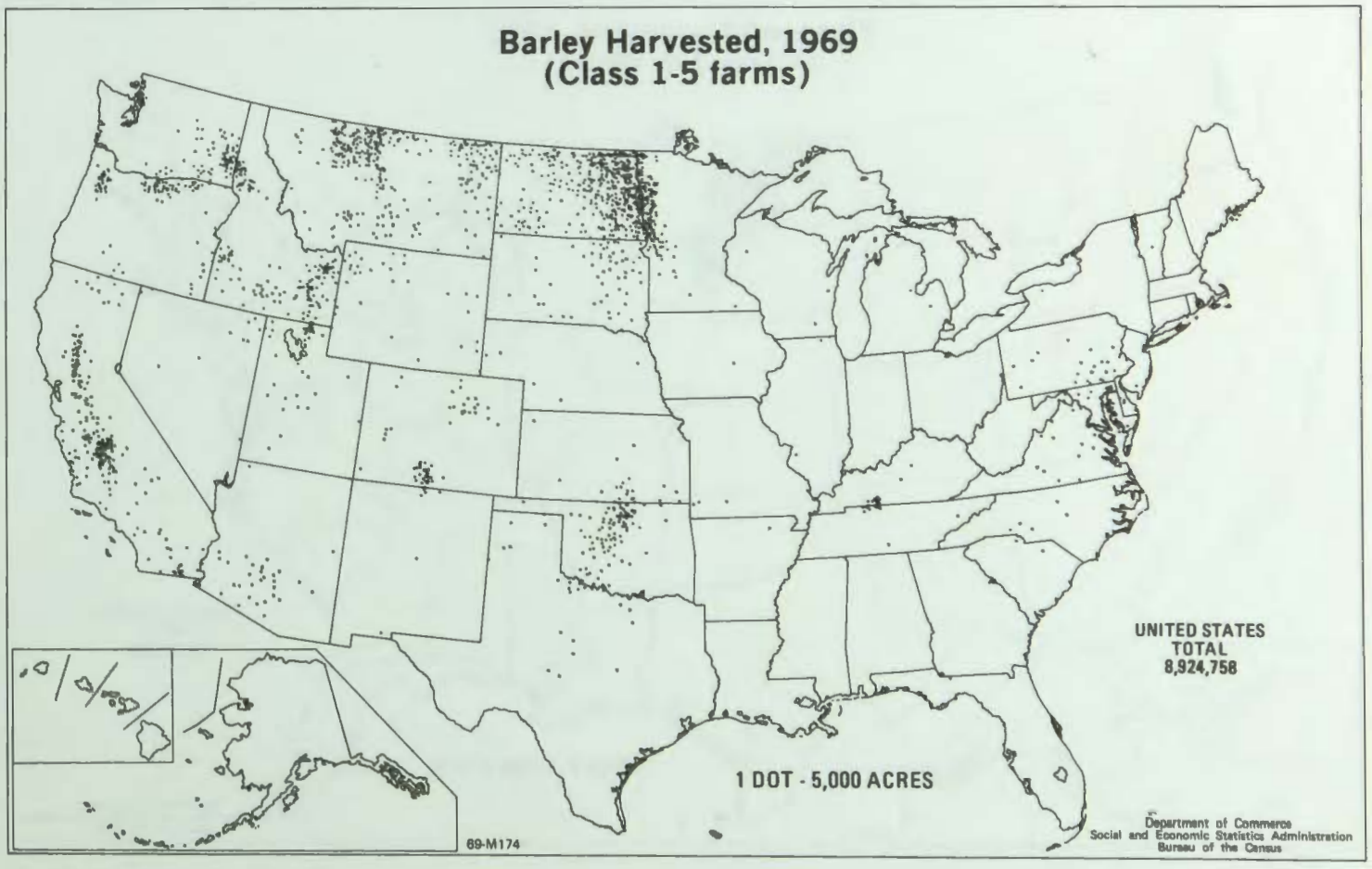

Sorghums Harvested for Grain, 1969
UNITED STATES
TOTAL
12,953,930
1 DOT - 5,000 ACRES
69-M168
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

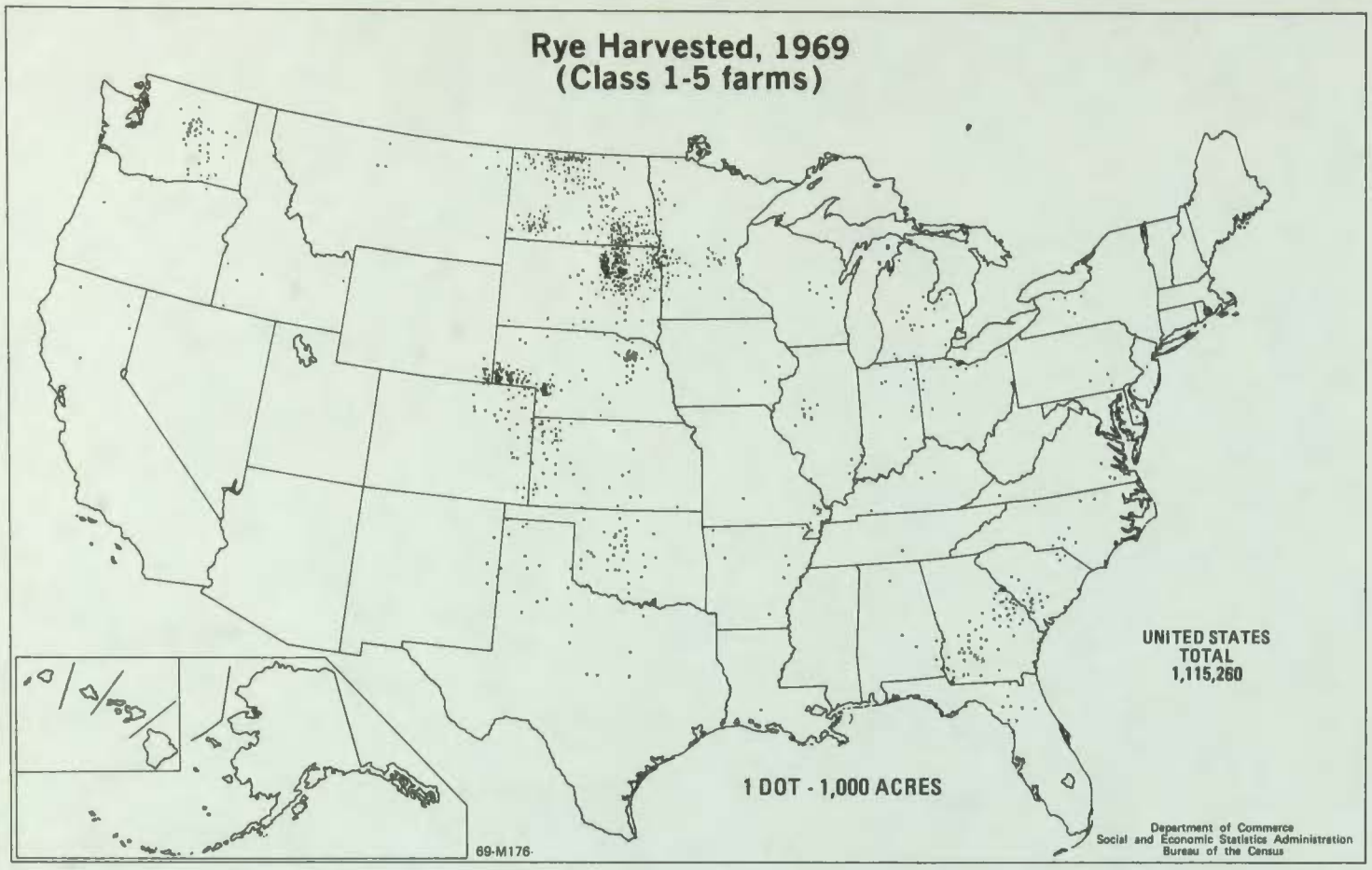

Wheat Harvested, 1969
UNITED STATES
TOTAL
45,372,868
1 DOT - 10,000 ACRES
69-M170
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

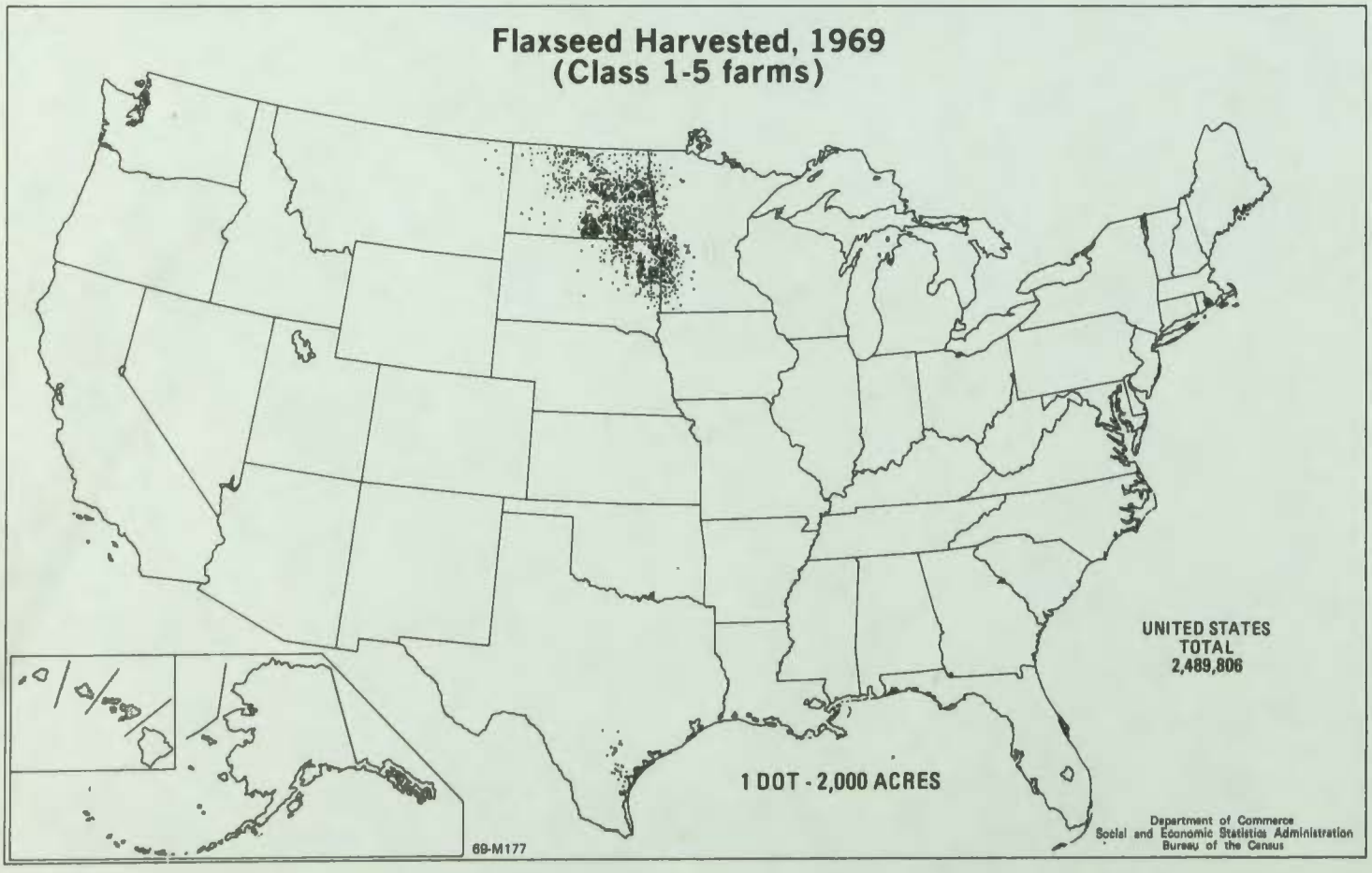

Wheat Harvested—Increase and Decrease in Acreage, 1964 to 1969
UNITED STATES
NET DECREASE
–2,585,528
1 DOT - 1,000 ACRES INCREASE
1 DOT - 1,000 ACRES DECREASE
69-M171
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

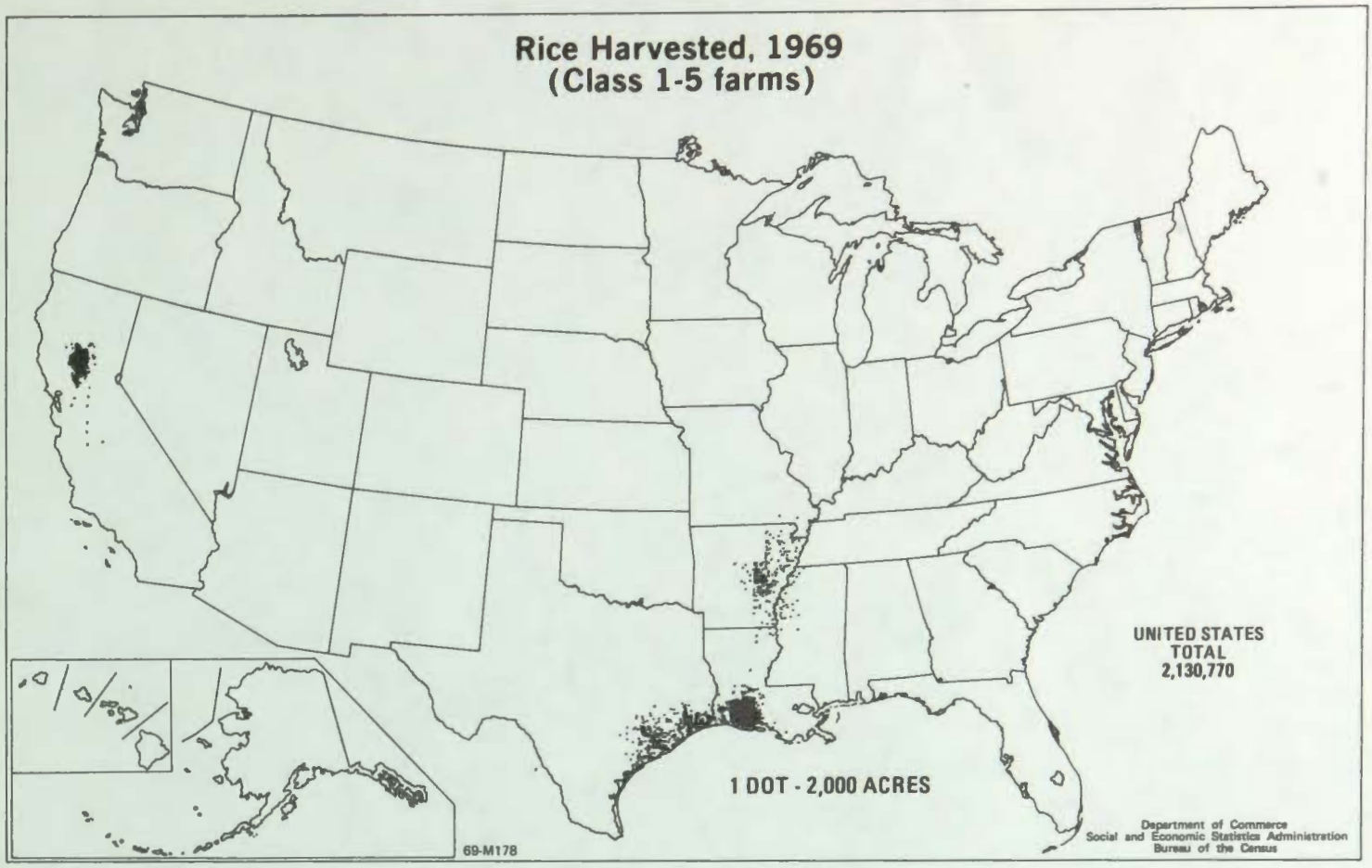

Acres of Wheat Harvested as a Percent of Harvested Cropland, 1969
PERCENT
50 and over
30 - 49
20 - 29
10 - 19
5 - 9
Under 5
UNITED STATES AVERAGE
16.6 percent
69-MP57
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

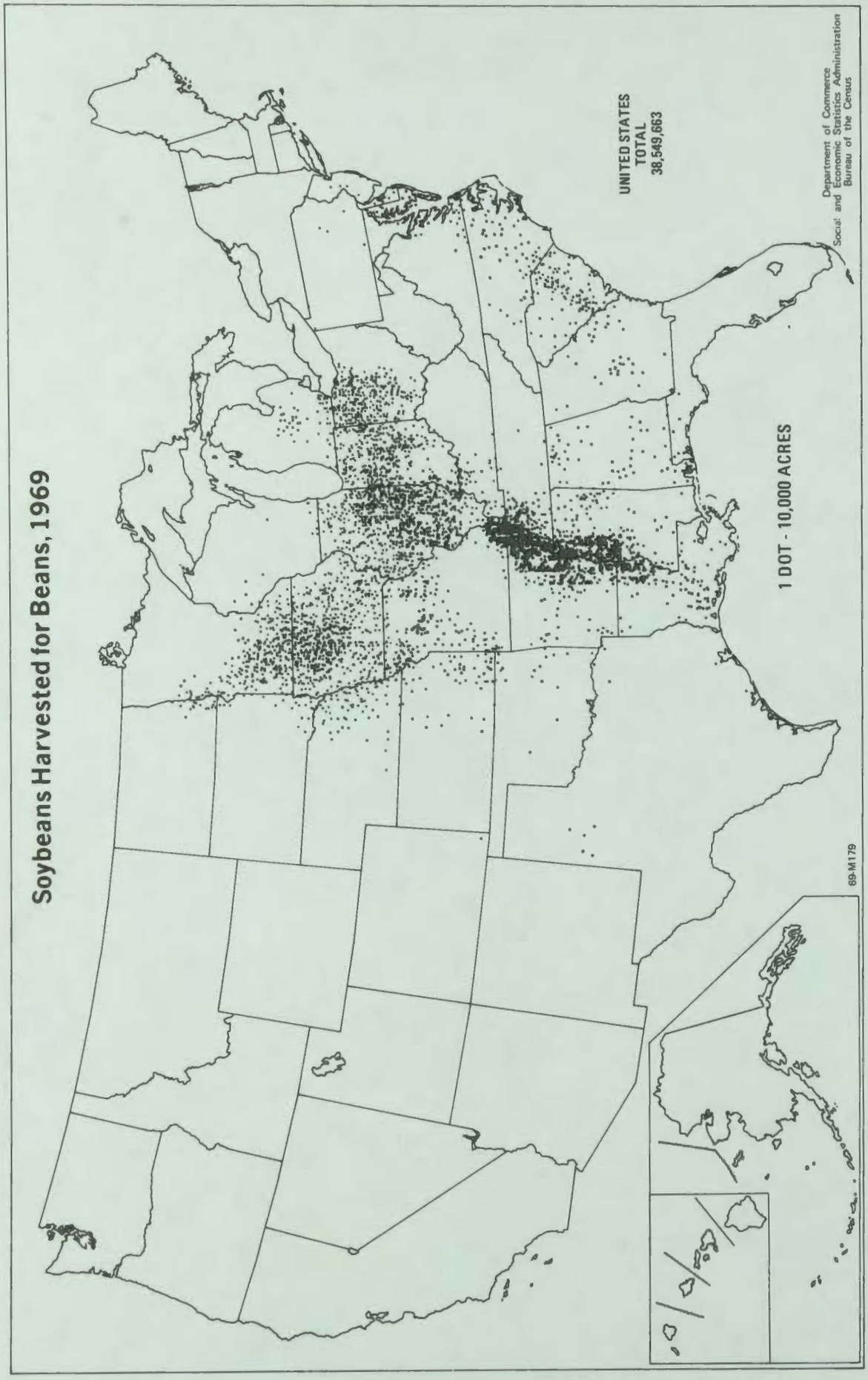

Oats Harvested, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
16,354,035
1 DOT - 5,000 ACRES
69-M172
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Barley Harvested, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
8,924,758
1 DOT - 5,000 ACRES
69-M174
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

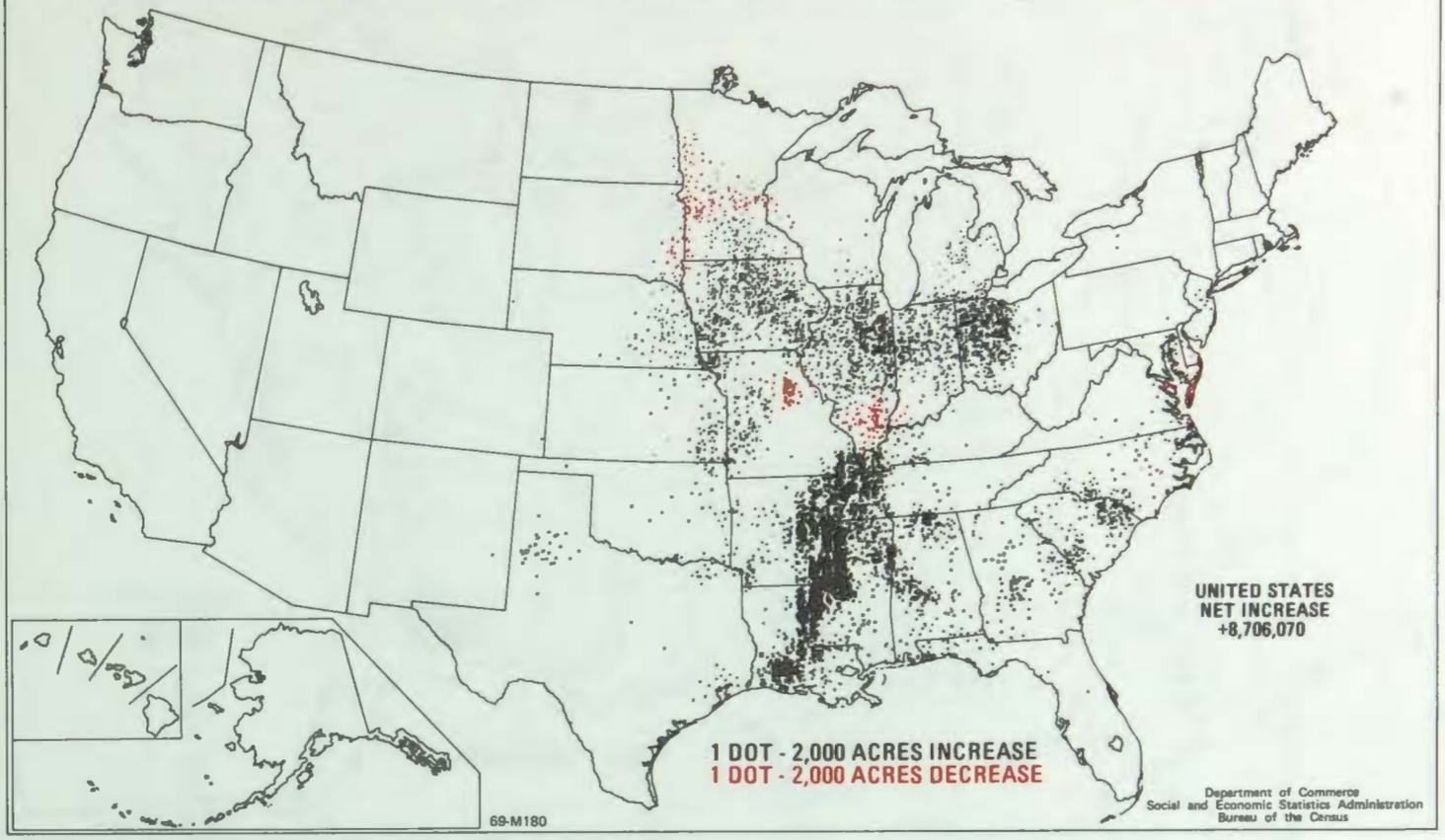

Rye Harvested, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
1,115,260
1 DOT - 1,000 ACRES
69-M176
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Flaxseed Harvested, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
2,489,806
1 DOT - 2,000 ACRES
69-M177
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

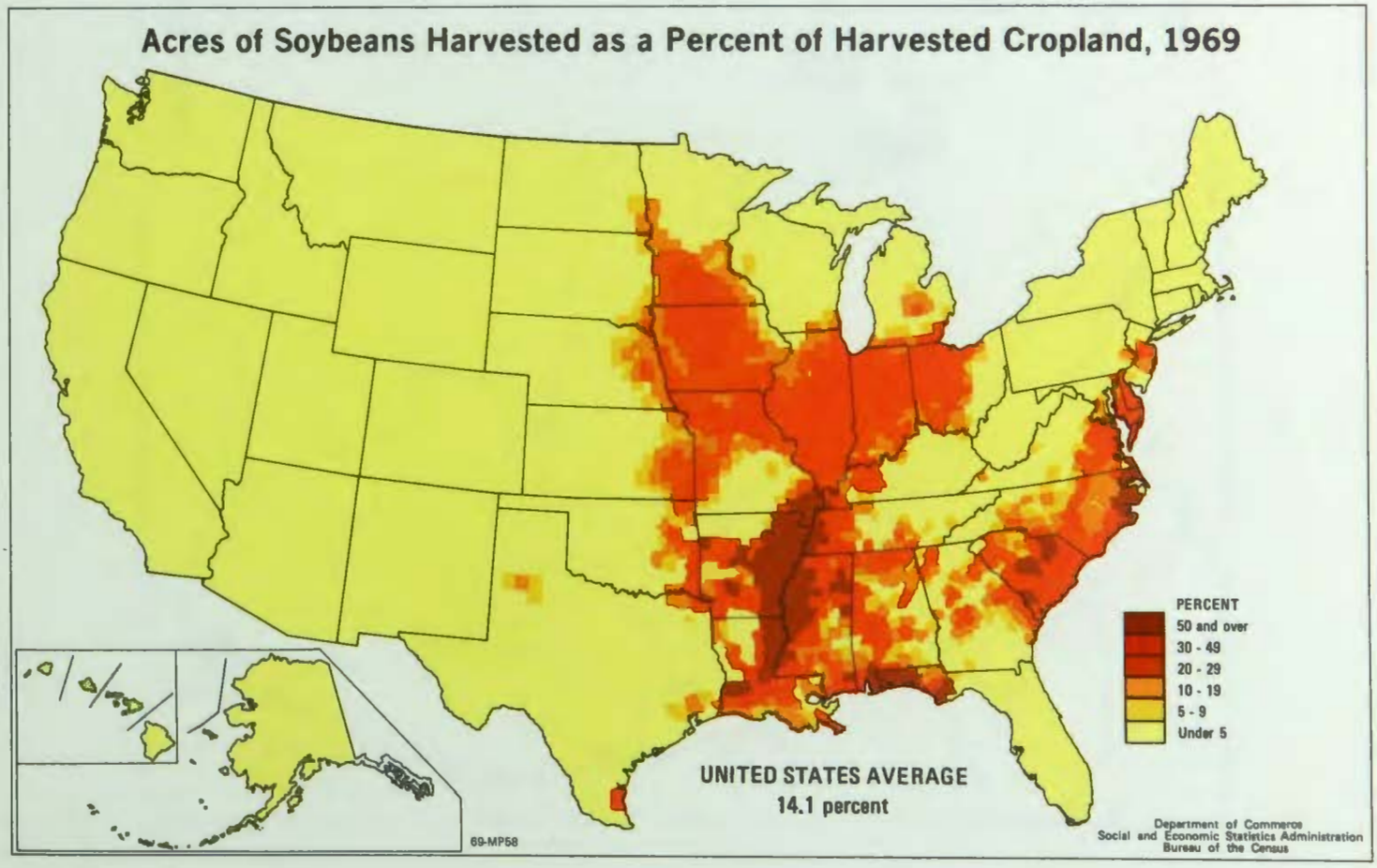

Rice Harvested, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
2,130,770
1 DOT - 2,000 ACRES
69-M178
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

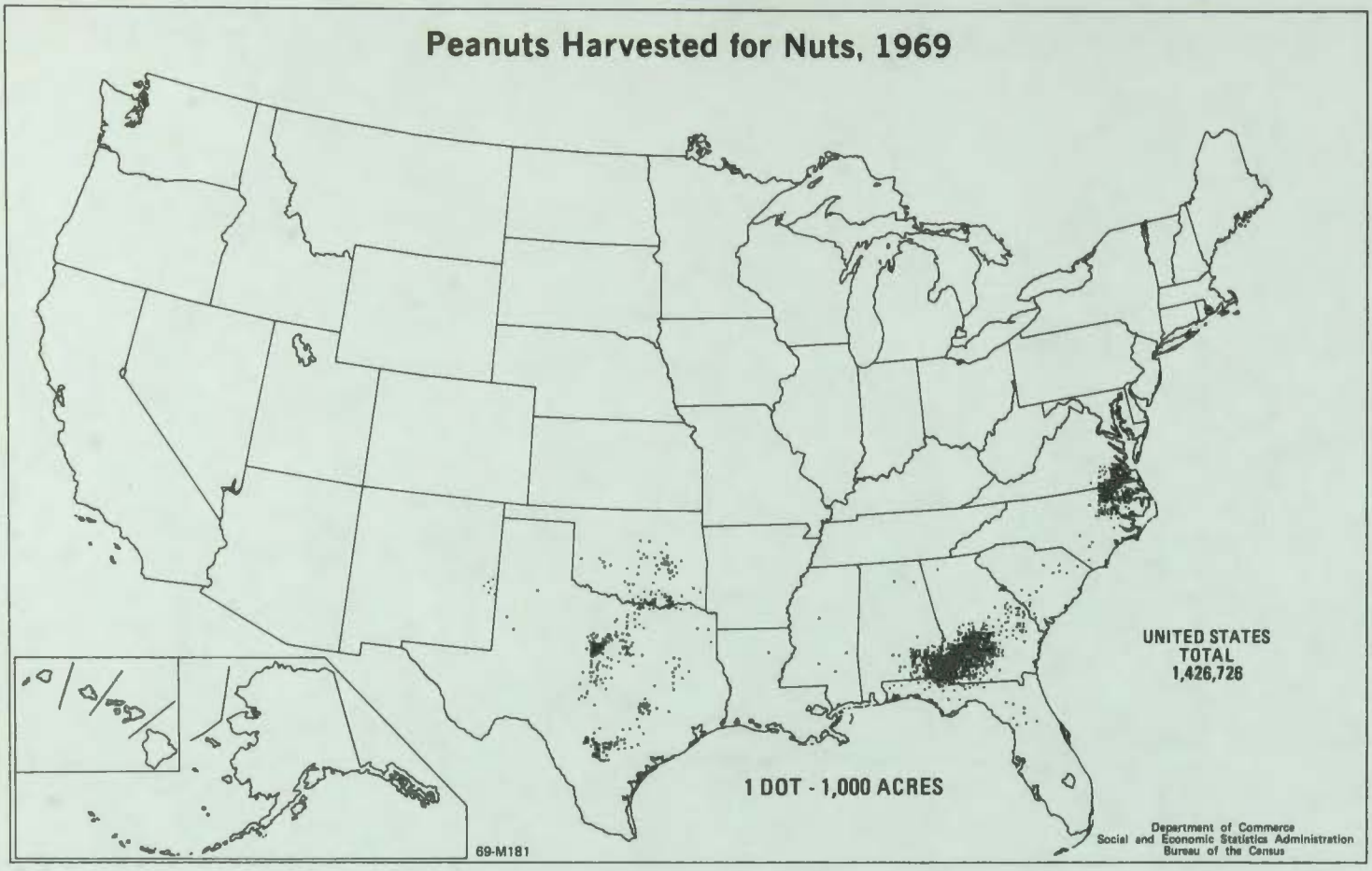

Soybeans Harvested for Beans, 1969
UNITED STATES
TOTAL
38,549,663
1 DOT - 10,000 ACRES
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census
69-M179

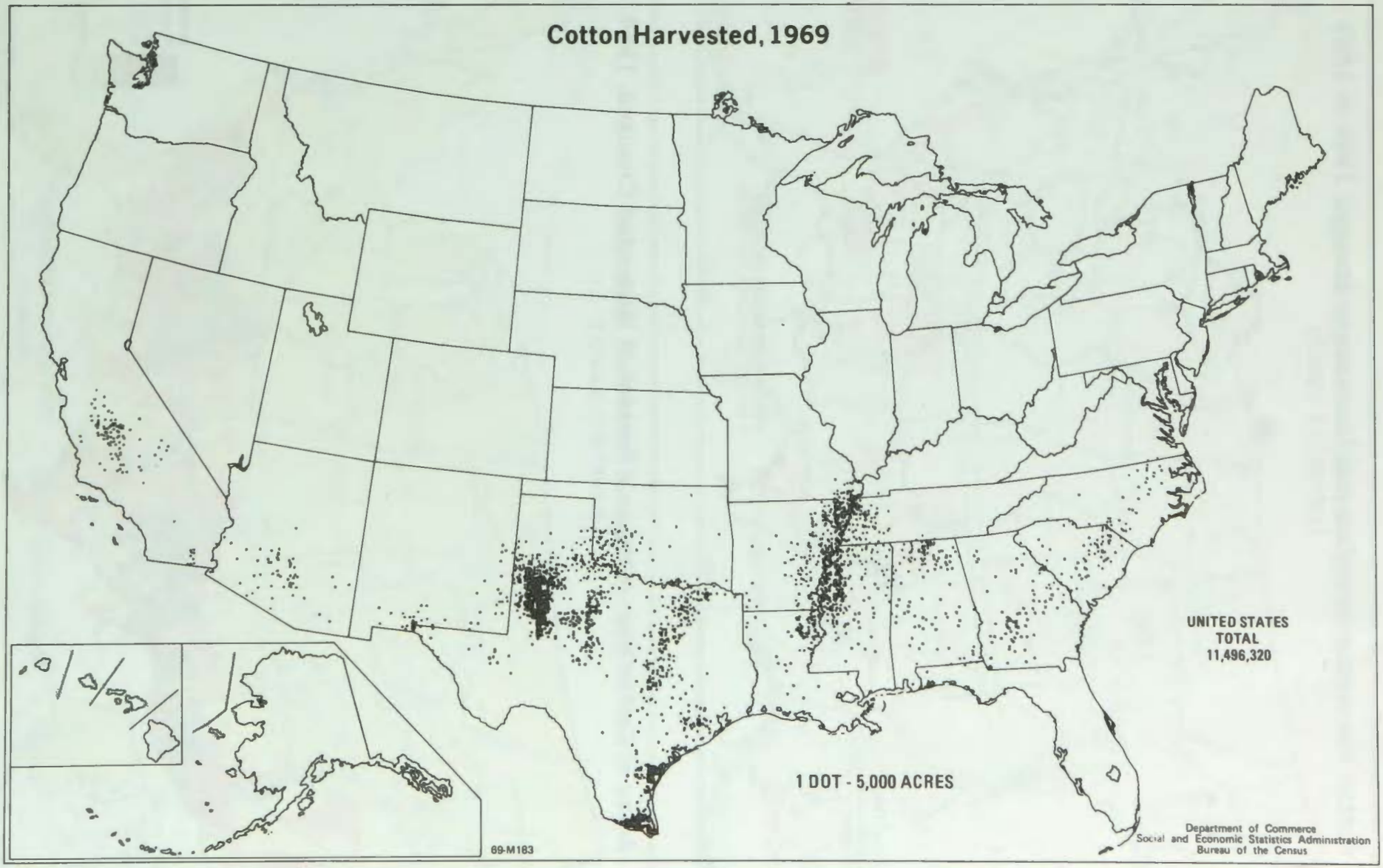
Soybeans Harvested for Beans—Increase and Decrease in Acreage, 1964 to 1969



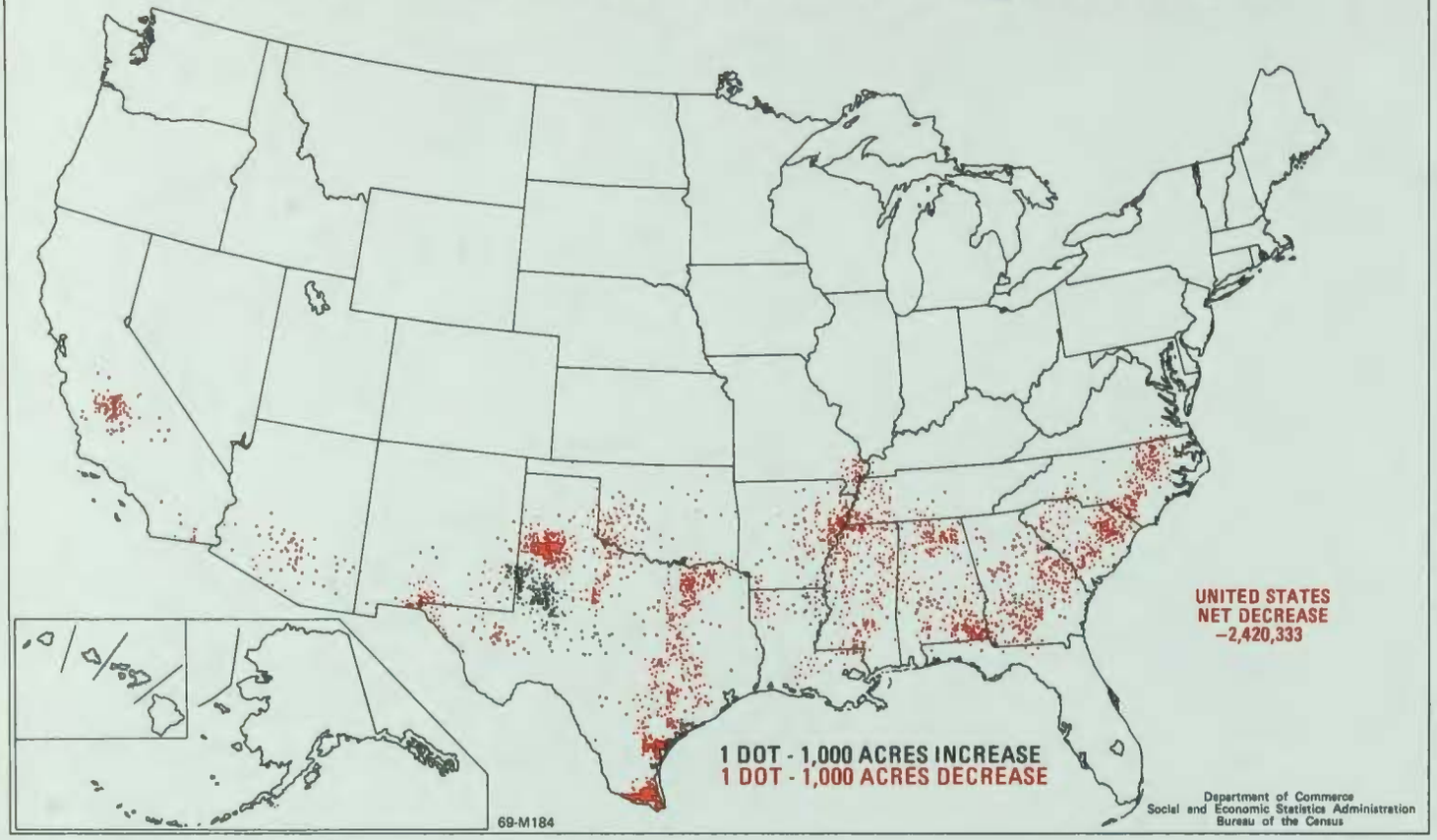
Acres of Soybeans Harvested as a Percent of Harvested Cropland, 1969



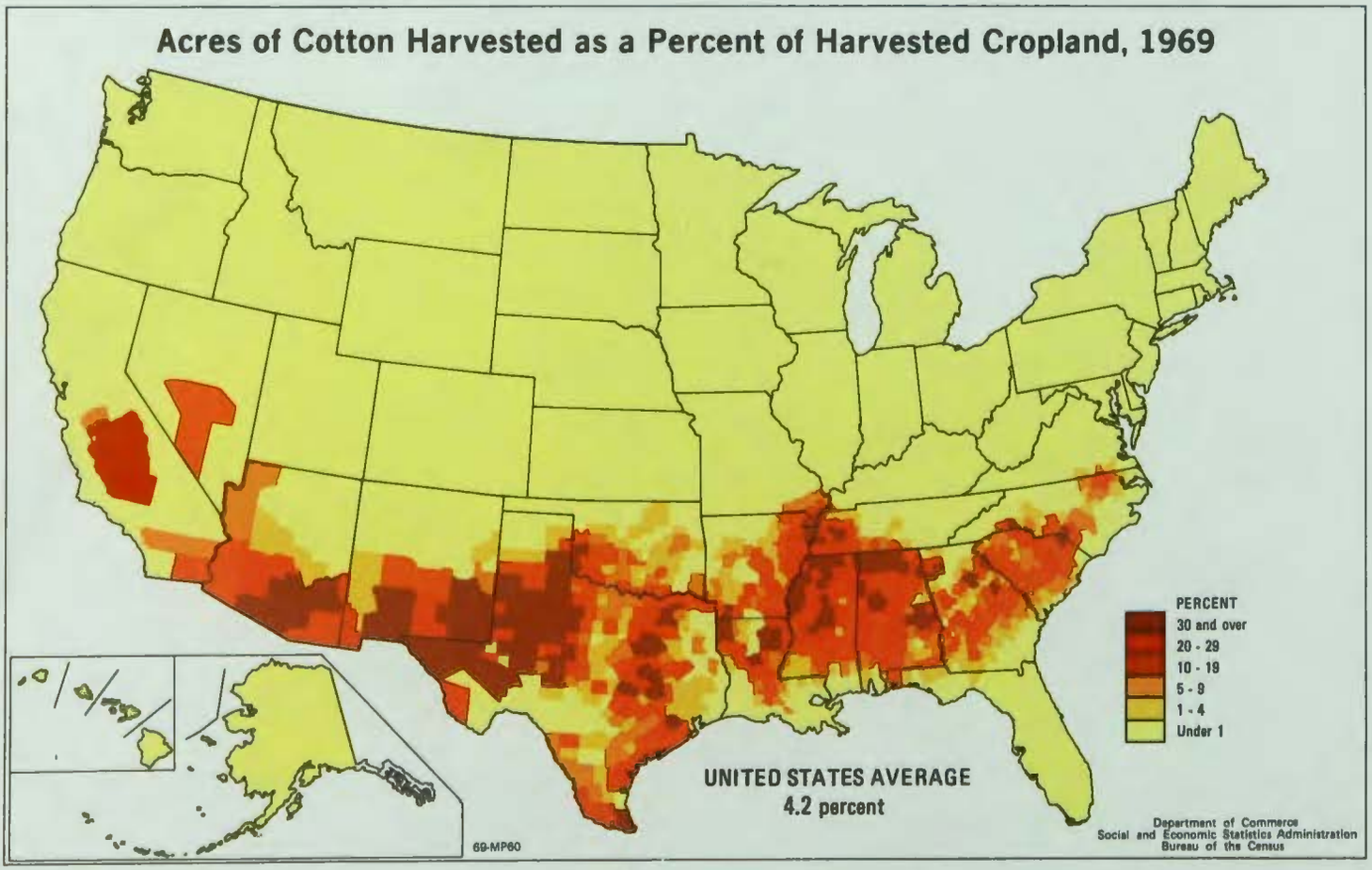

Peanuts Harvested for Nuts, 1969
UNITED STATES
TOTAL
1,426,726
1 DOT - 1,000 ACRES
69-M181
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

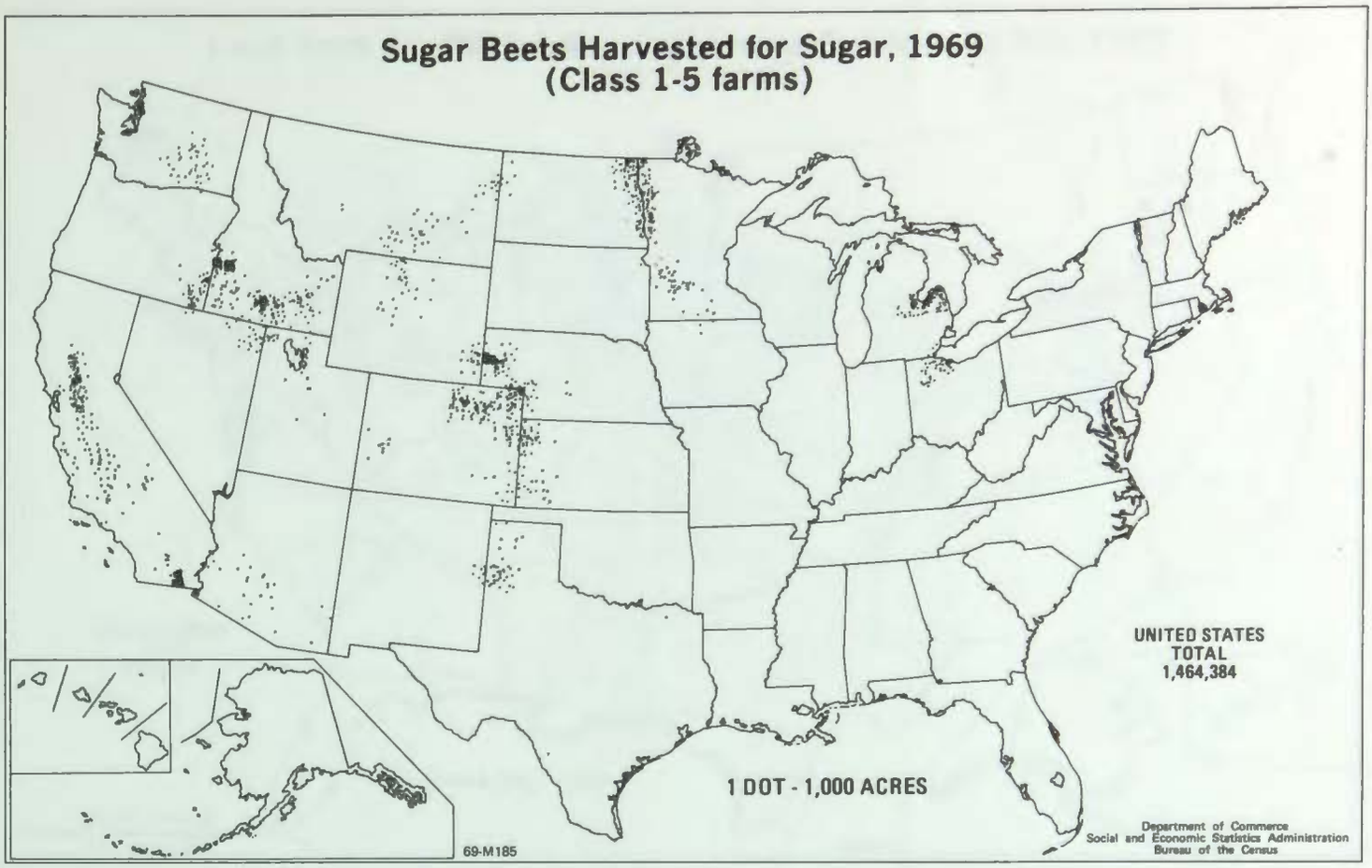

Cotton Harvested, 1969
UNITED STATES
TOTAL
11,496,320
1 DOT - 5,000 ACRES
69-M183
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

Cotton Harvested—Increase and Decrease in Acreage, 1964 to 1969

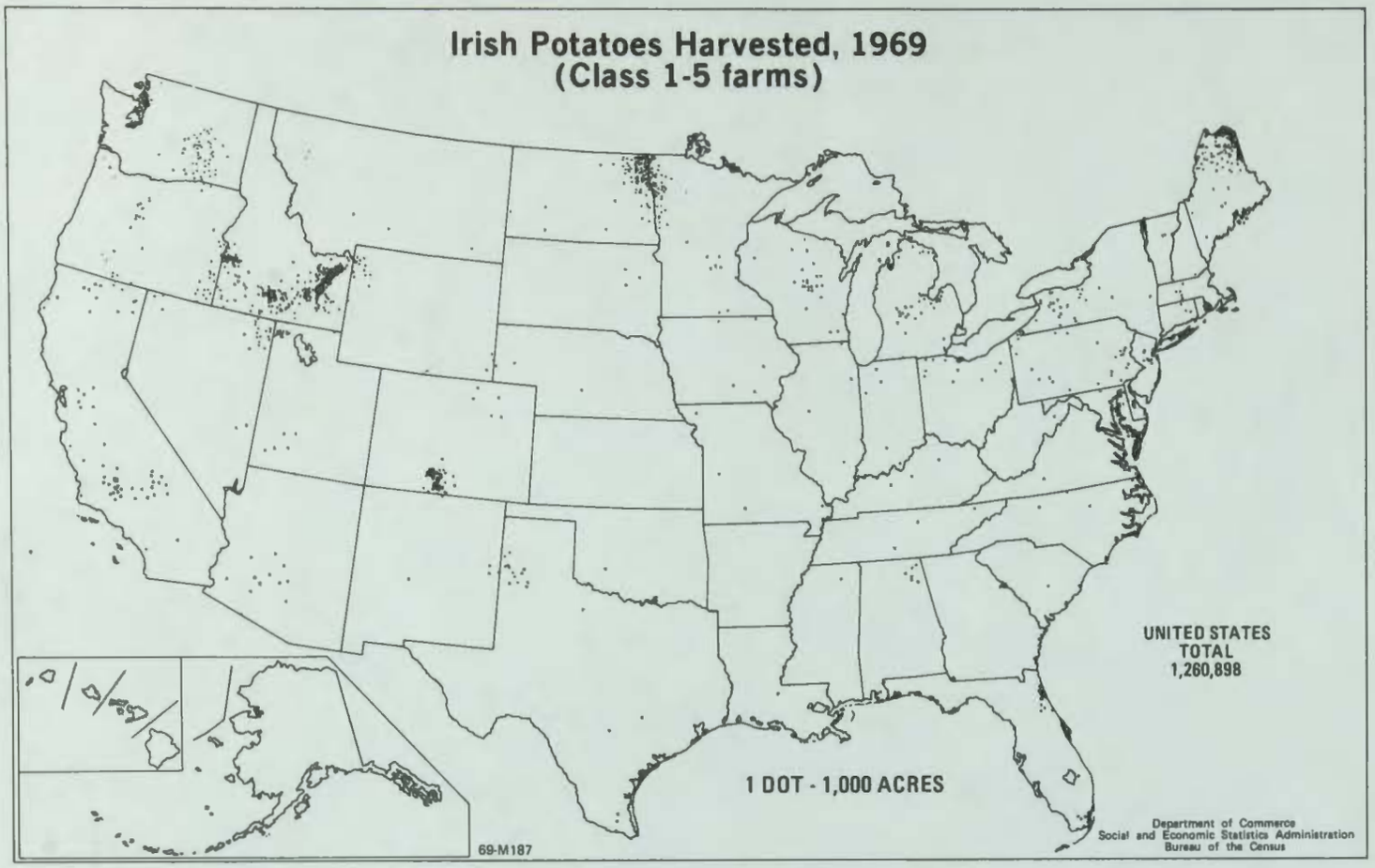


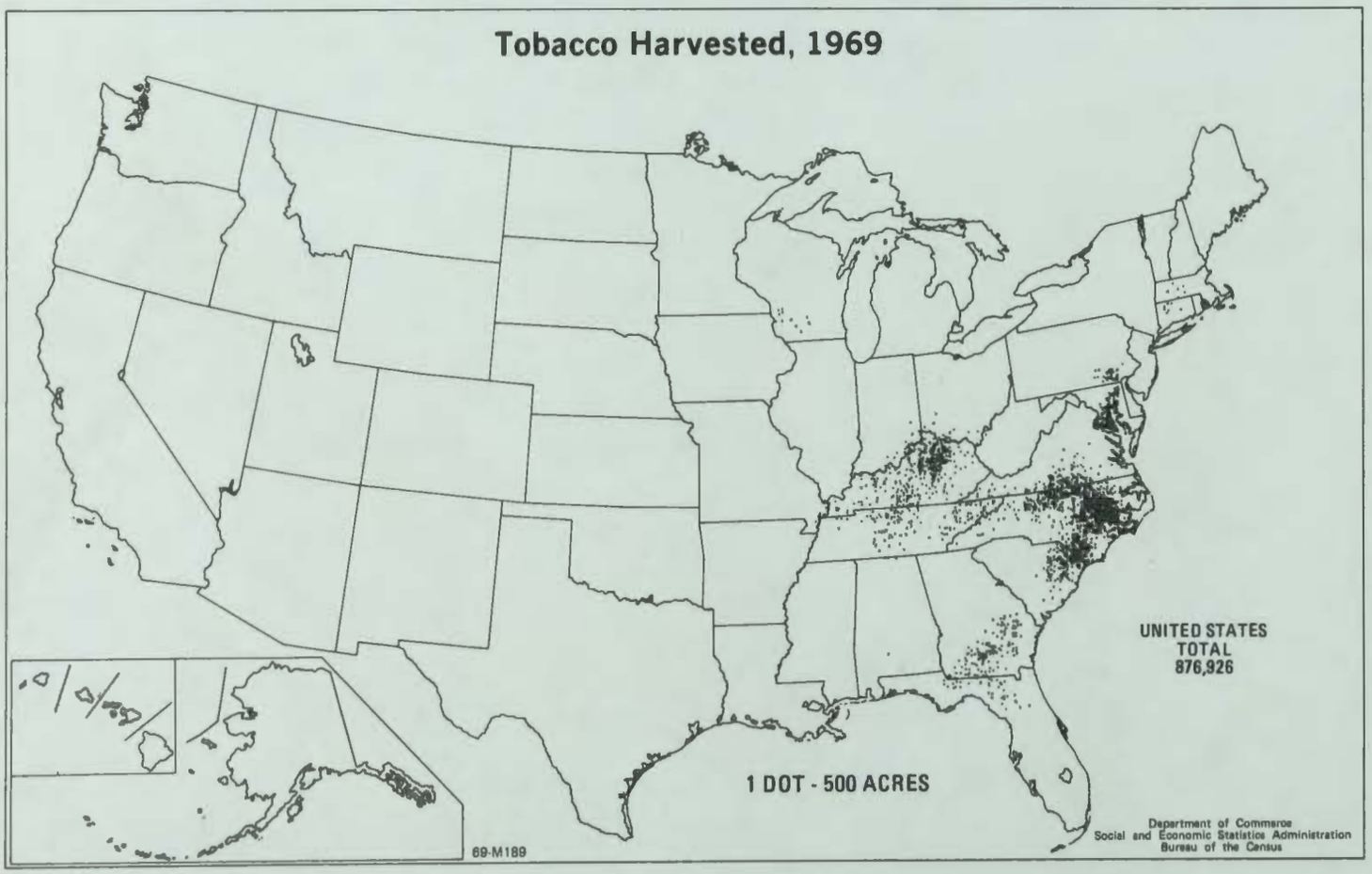
Acres of Cotton Harvested as a Percent of Harvested Cropland, 1969

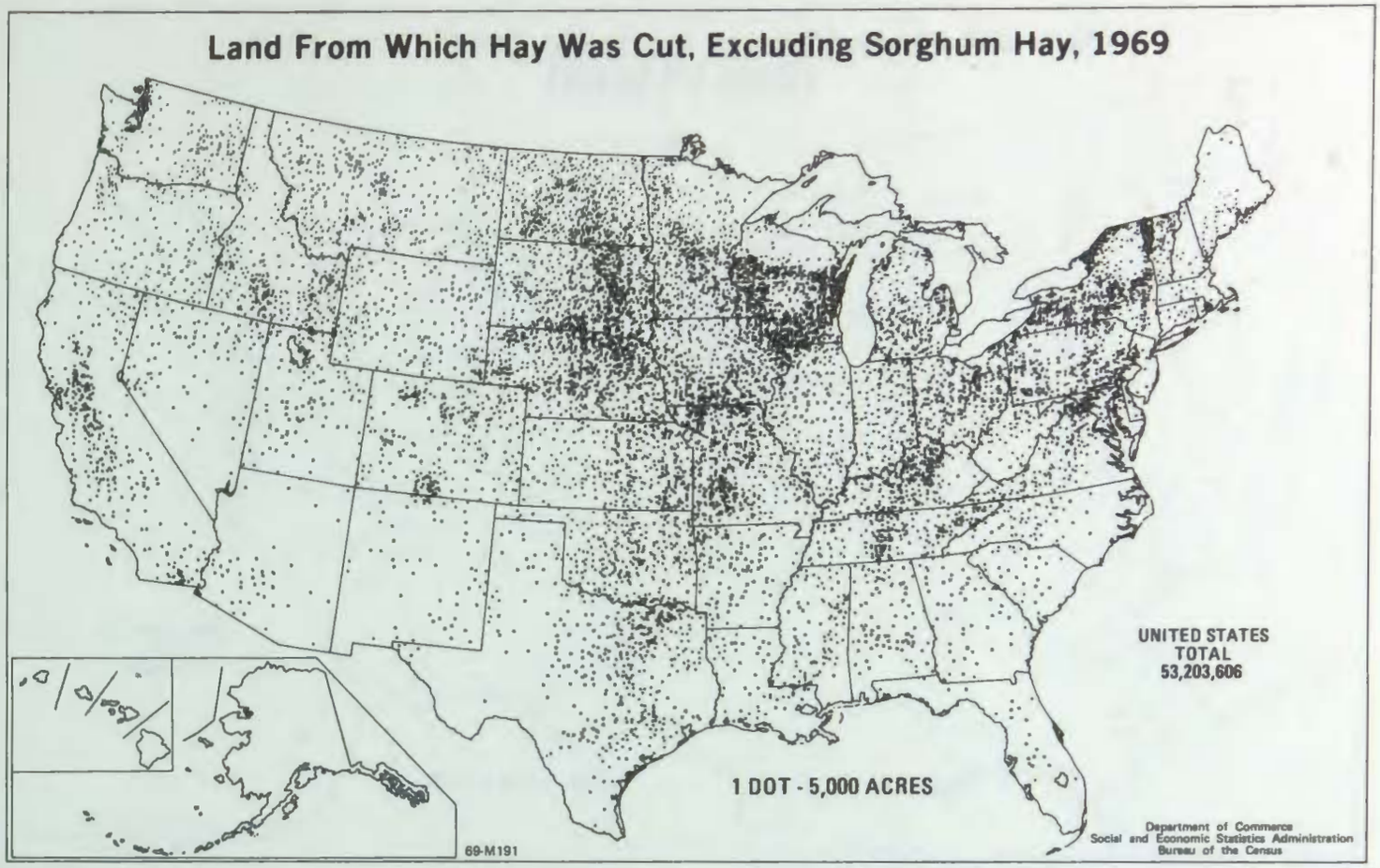


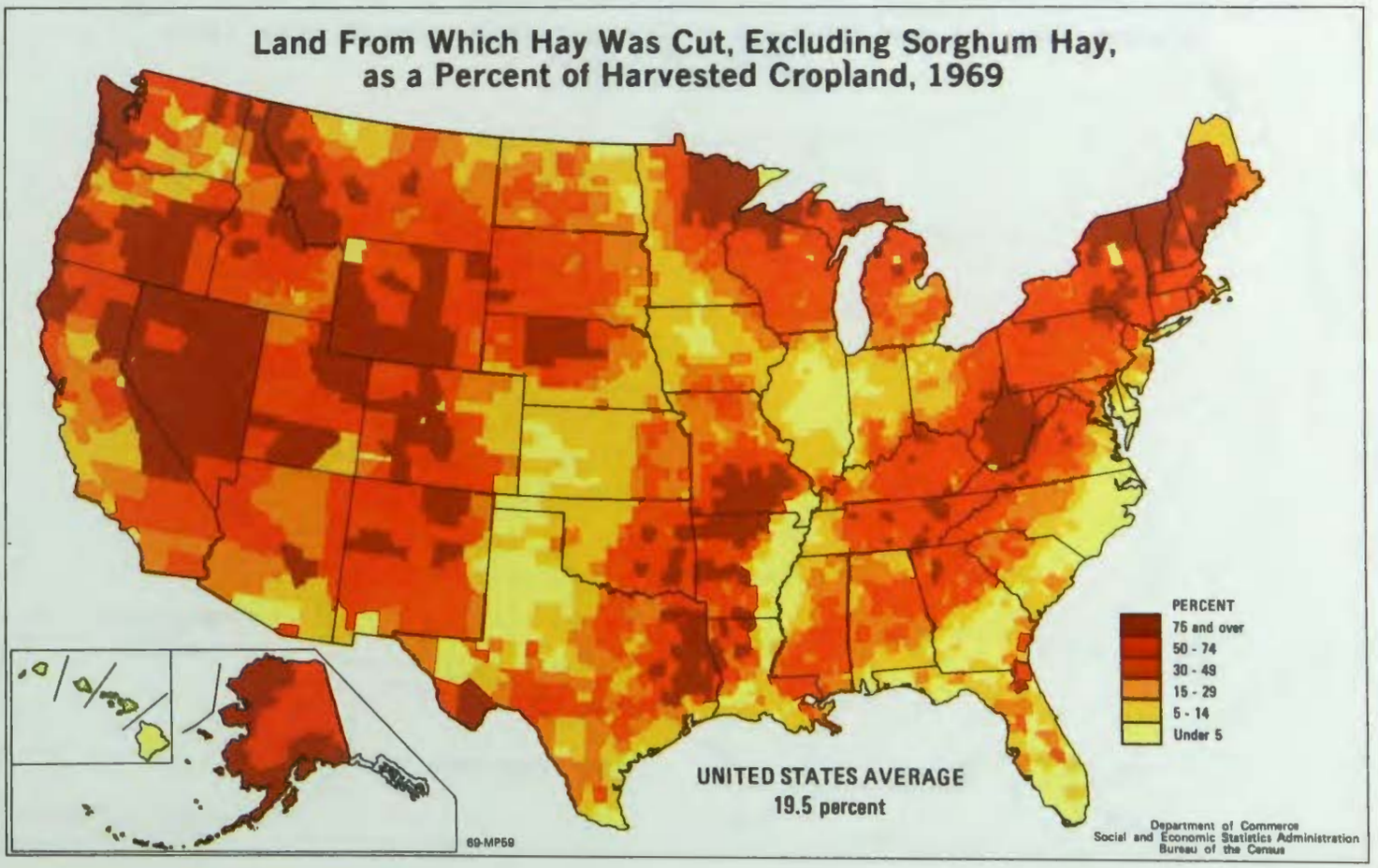

Sugar Beets Harvested for Sugar, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
1,464,384
1 DOT - 1,000 ACRES
69-M185
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

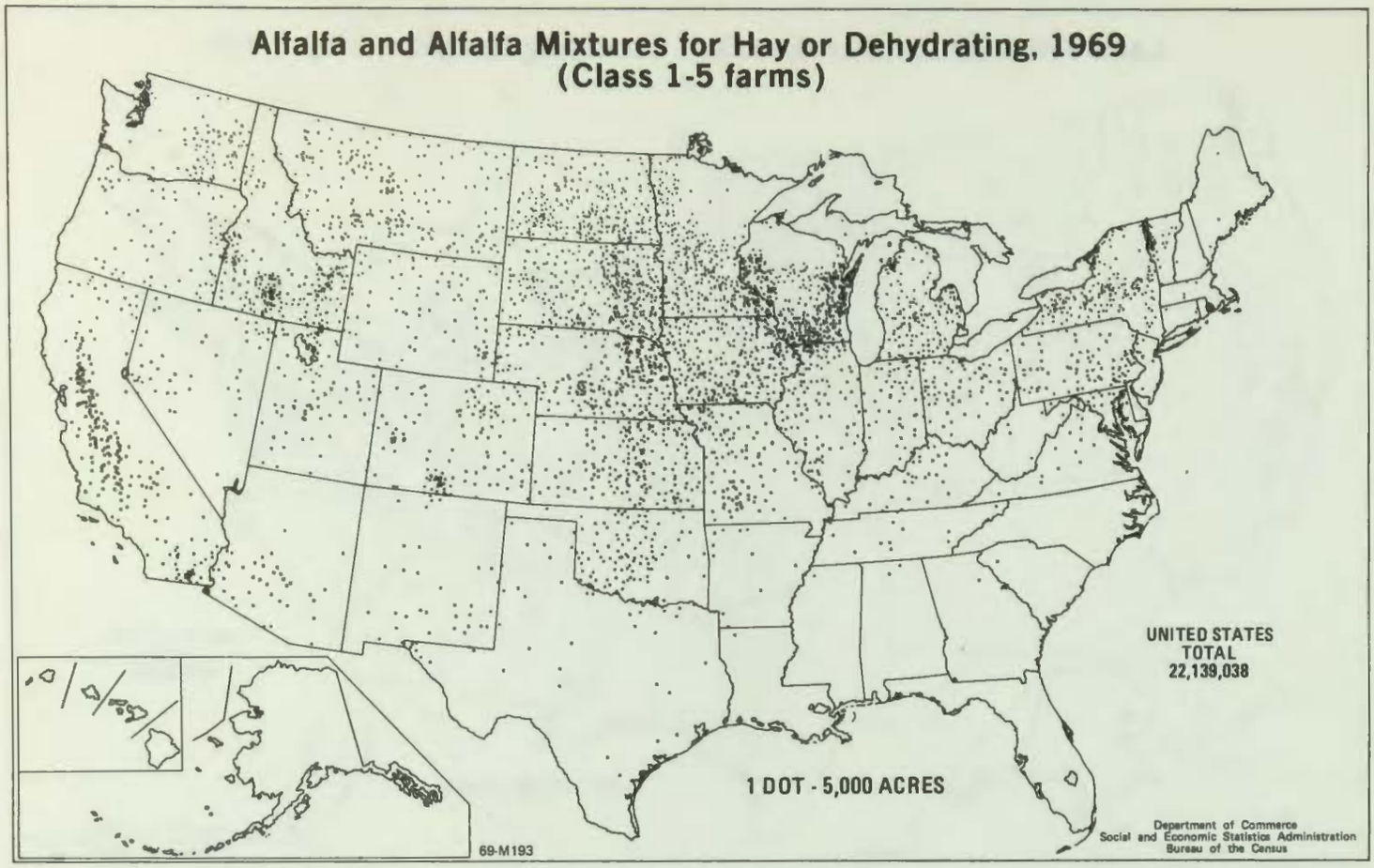

Sugarcane Harvested for Sugar, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
519,180
1 DOT - 1,000 ACRES
69-M186
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

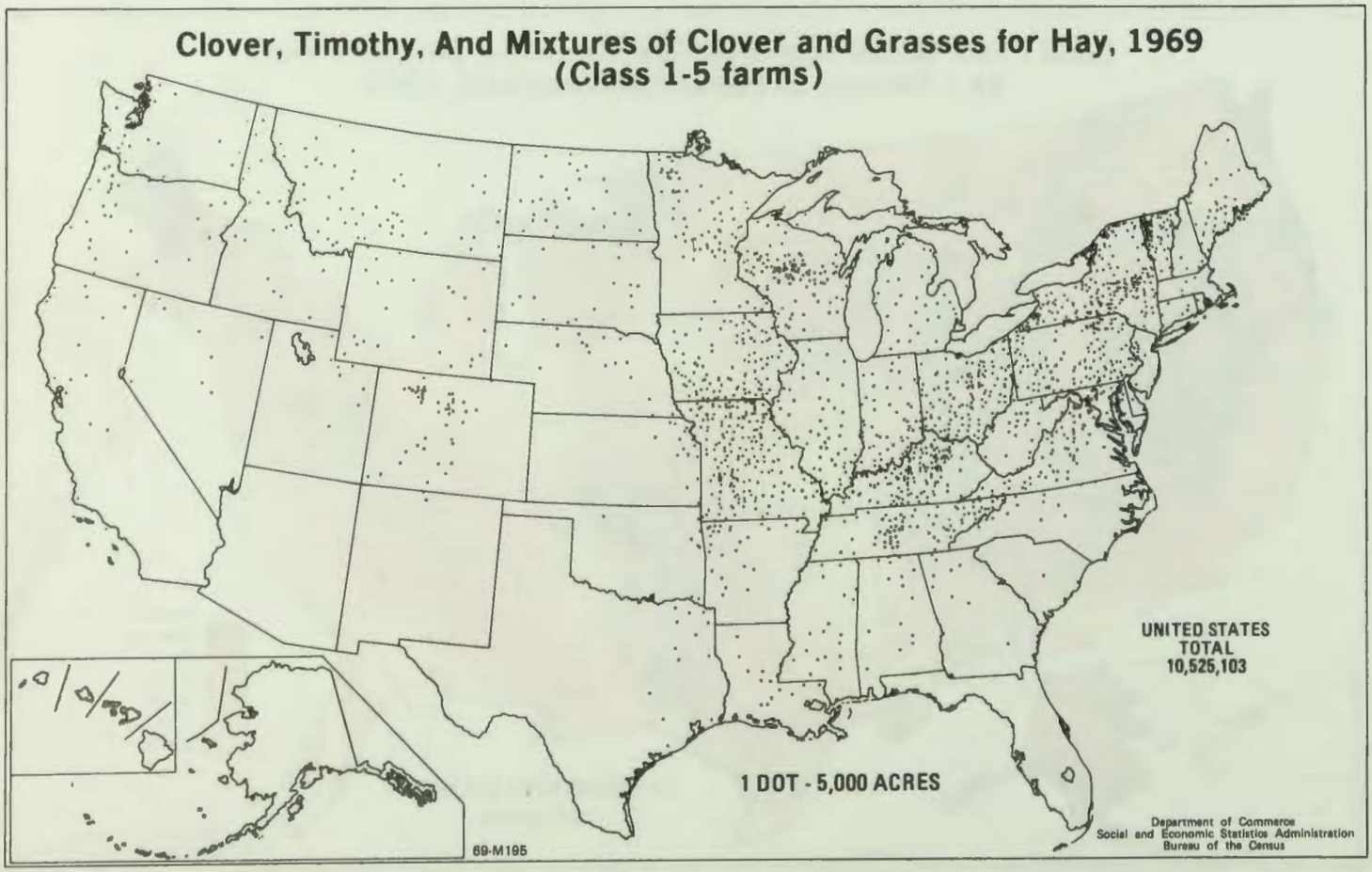

Irish Potatoes Harvested, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
1,260,898
1 DOT - 1,000 ACRES
69-M187
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

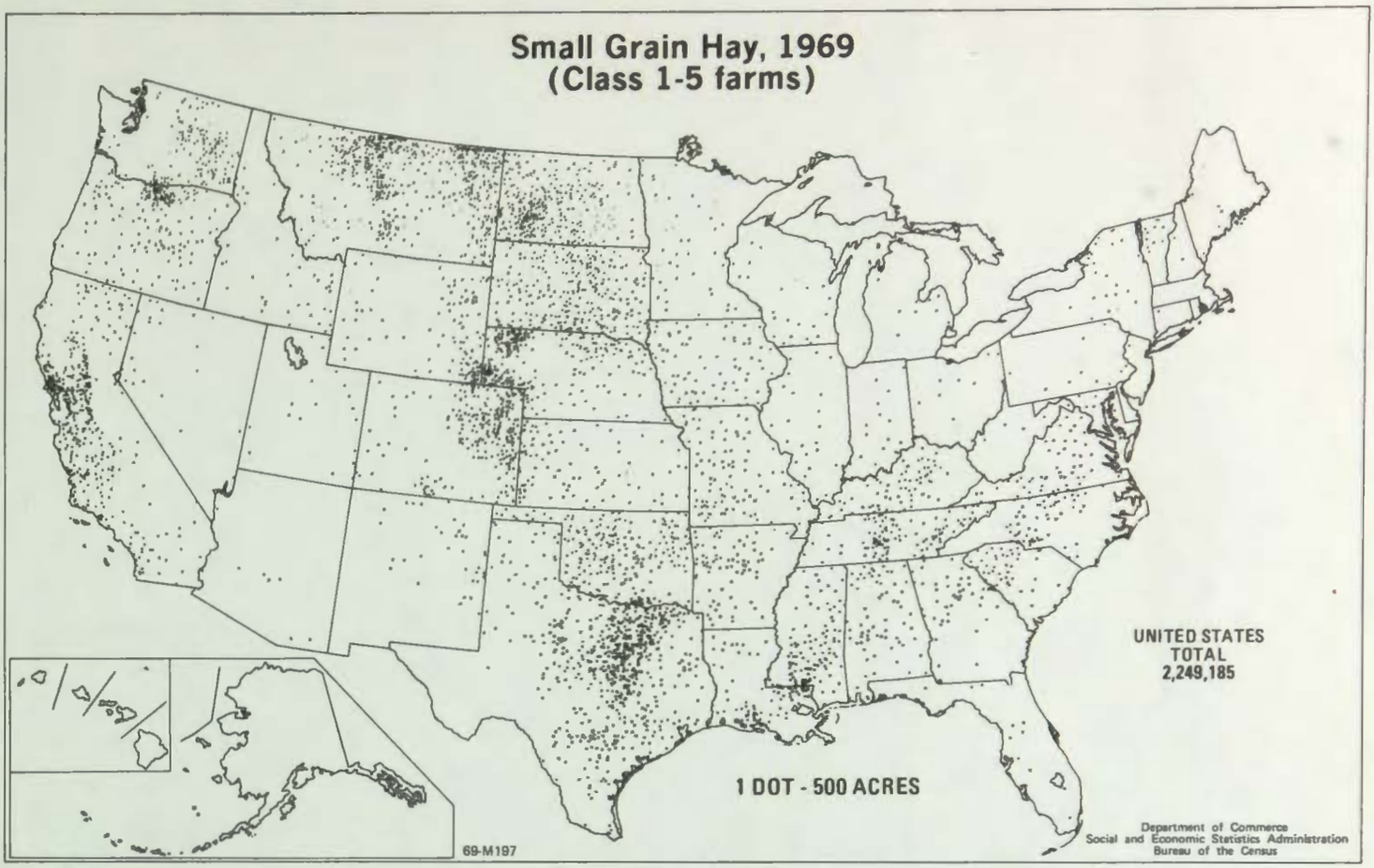

Tobacco Harvested, 1969
UNITED STATES
TOTAL
876,926
1 DOT - 500 ACRES
69-M189
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

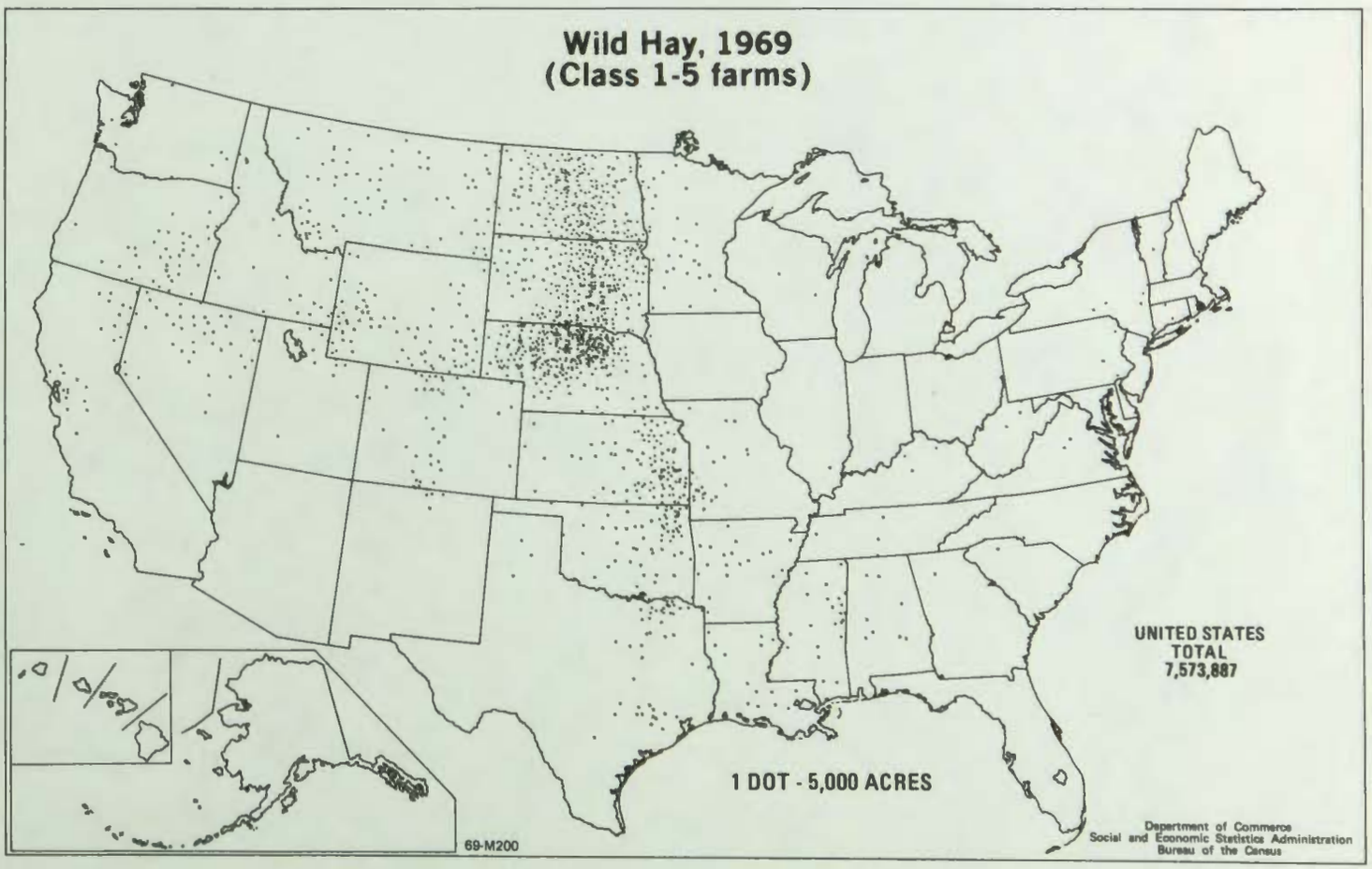

Land From Which Hay Was Cut, Excluding Sorghum Hay, 1969
UNITED STATES
TOTAL
53,203,606
1 DOT - 5,000 ACRES
69-M191
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

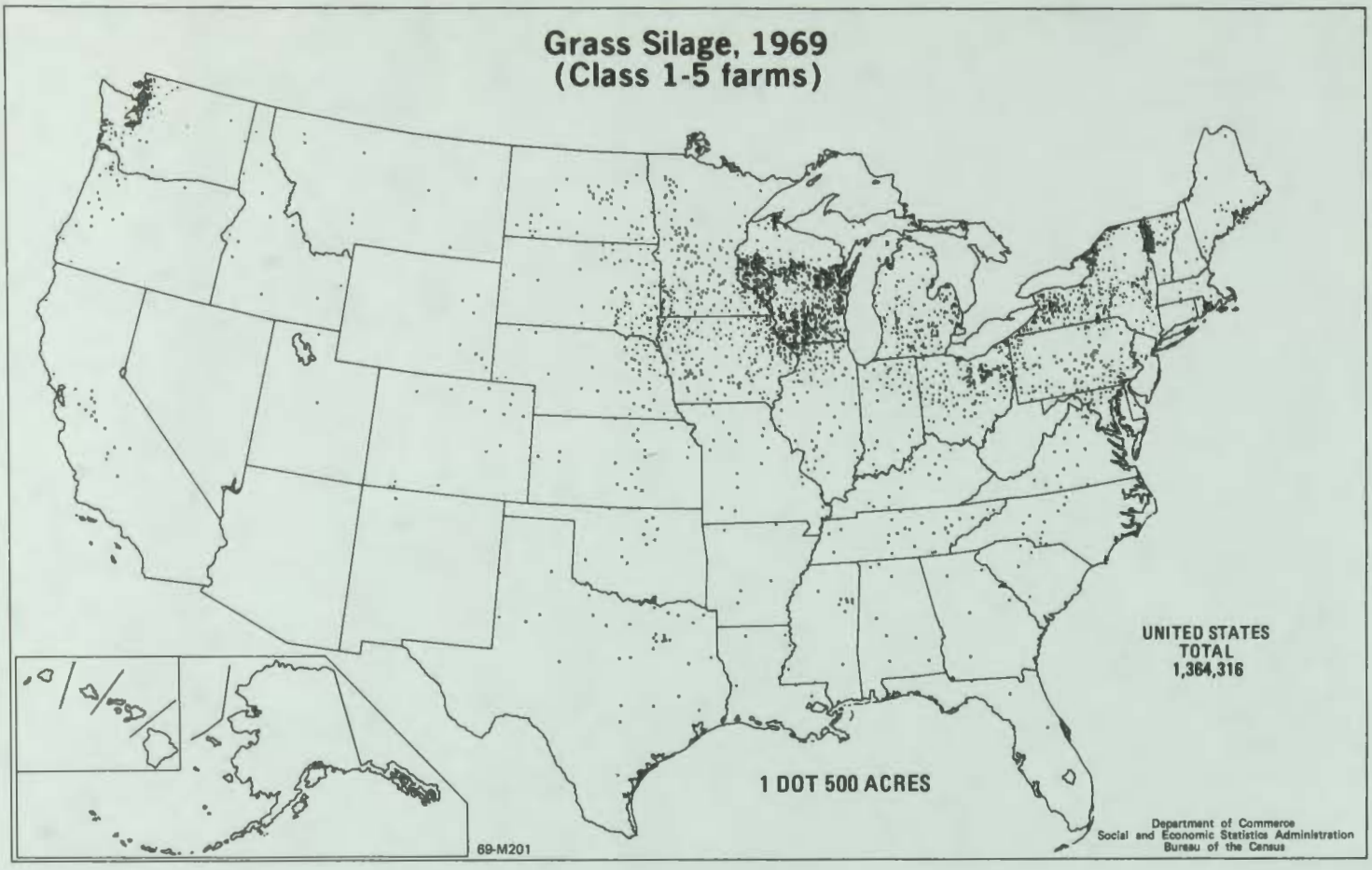

Land From Which Hay Was Cut, Excluding Sorghum Hay,
as a Percent of Harvested Cropland, 1969
PERCENT
75 and over
50 - 74
30 - 49
15 - 29
5 - 14
Under 5
UNITED STATES AVERAGE
19.5 percent
69-MP59
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

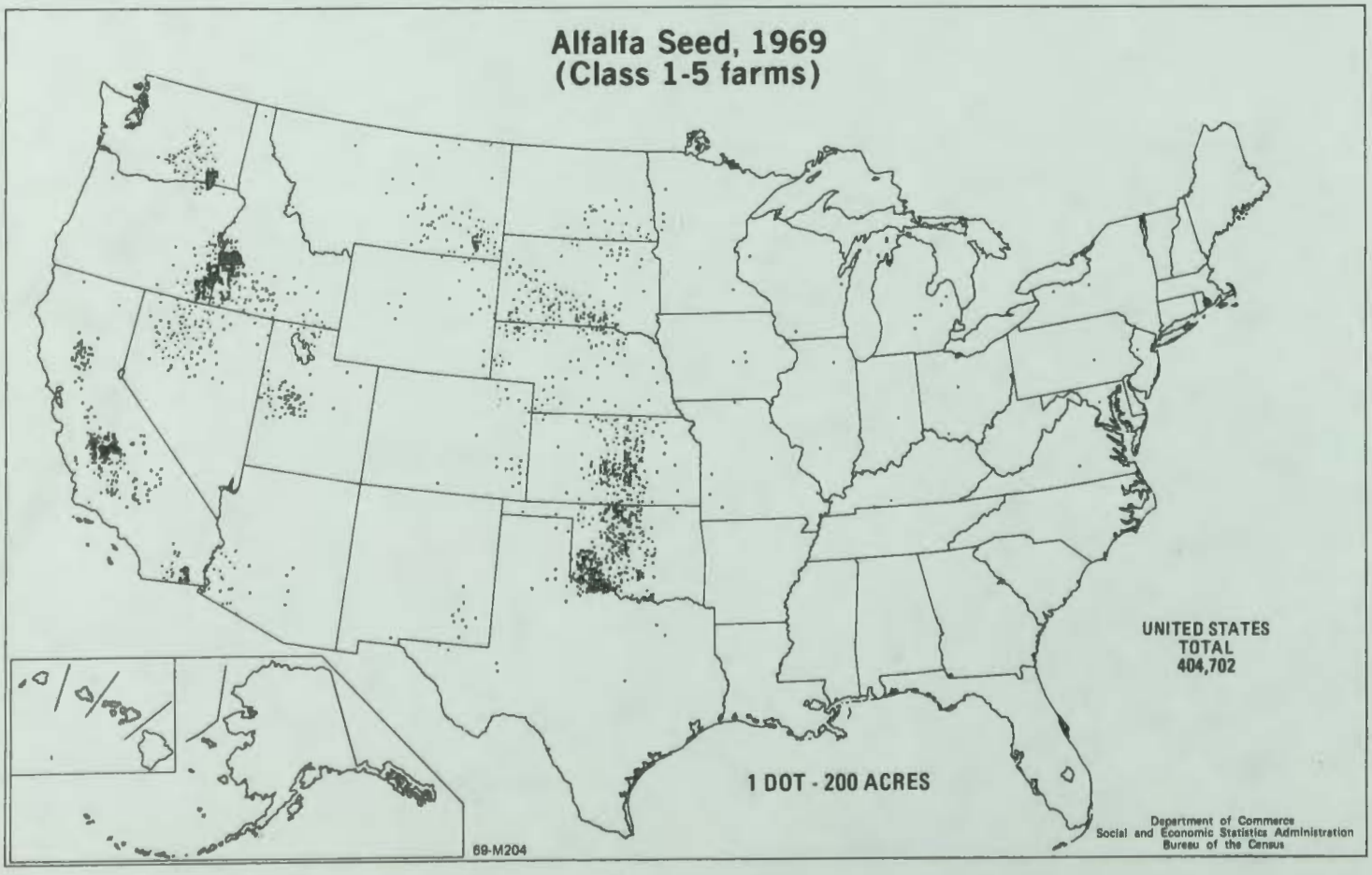

Alfalfa and Alfalfa Mixtures for Hay or Dehydrating, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
22,139,038
1 DOT - 5,000 ACRES
69-M193
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

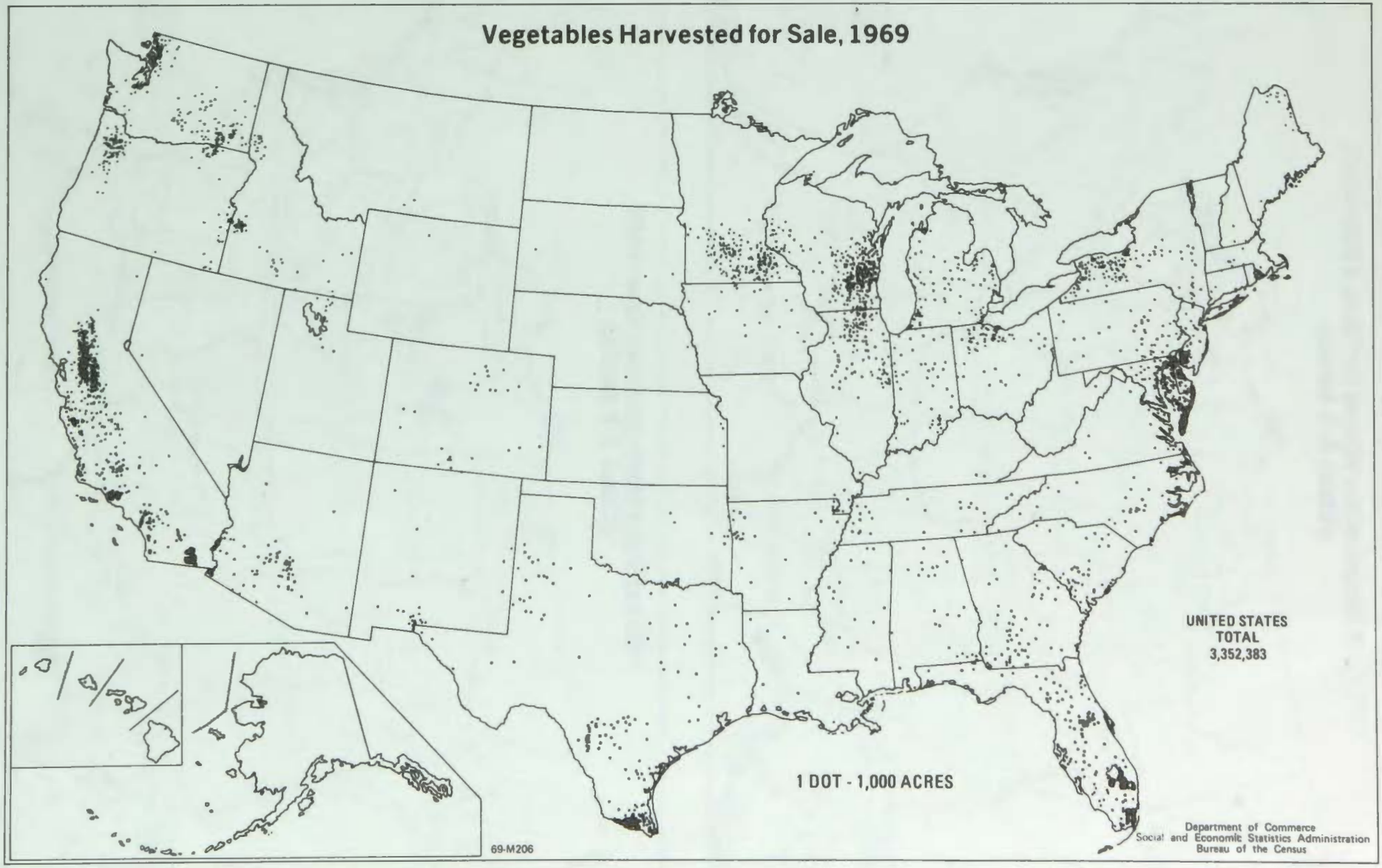

Clover, Timothy, And Mixtures of Clover and Grasses for Hay, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
10,525,103
1 DOT - 5,000 ACRES
69-M195
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

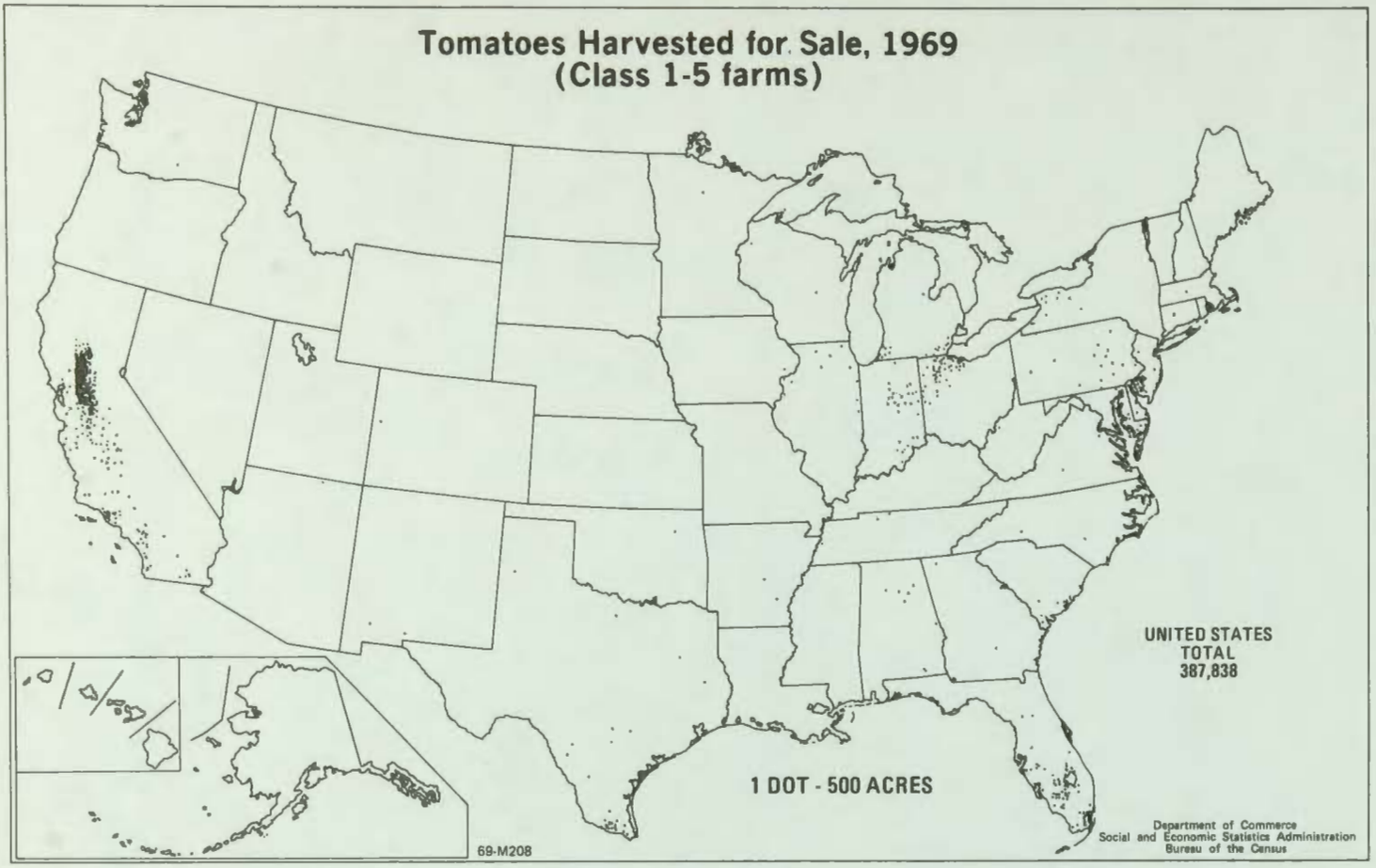

Small Grain Hay, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
2,249,185
1 DOT - 500 ACRES
69-M197
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

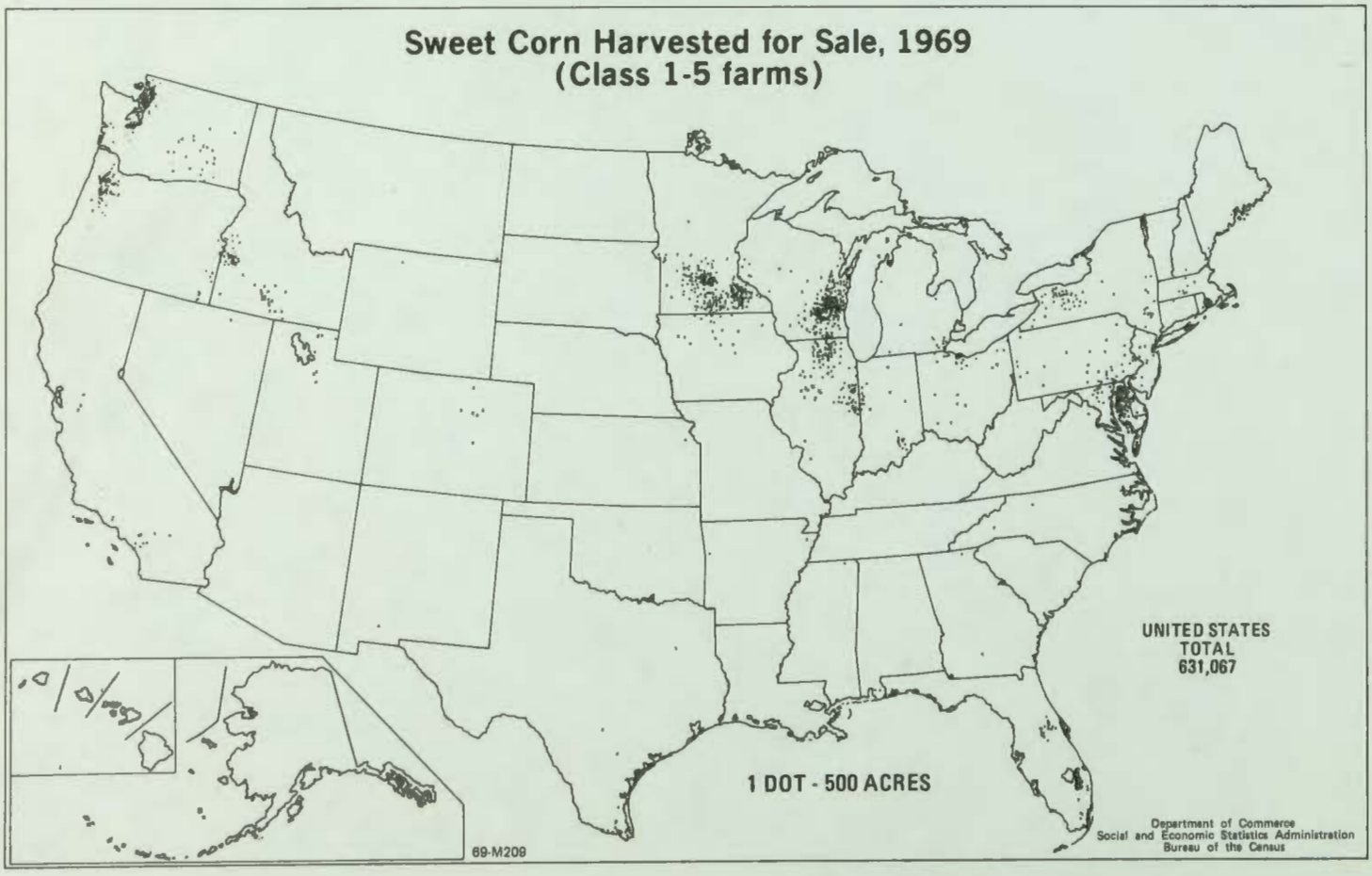

Wild Hay, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
7,573,887
1 DOT - 5,000 ACRES
69-M200
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

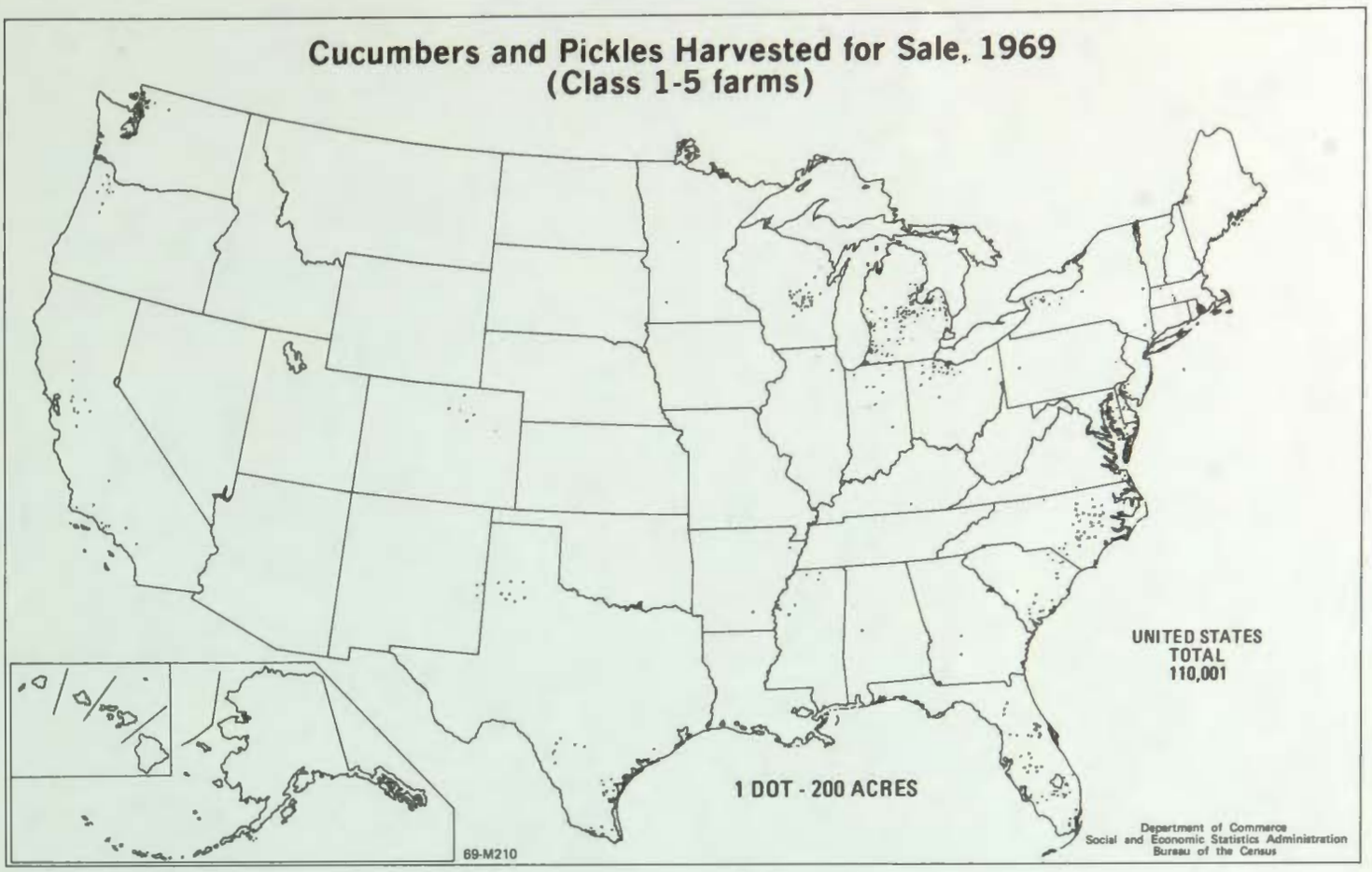

Grass Silage, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
1,364,316
1 DOT 500 ACRES
69-M201
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

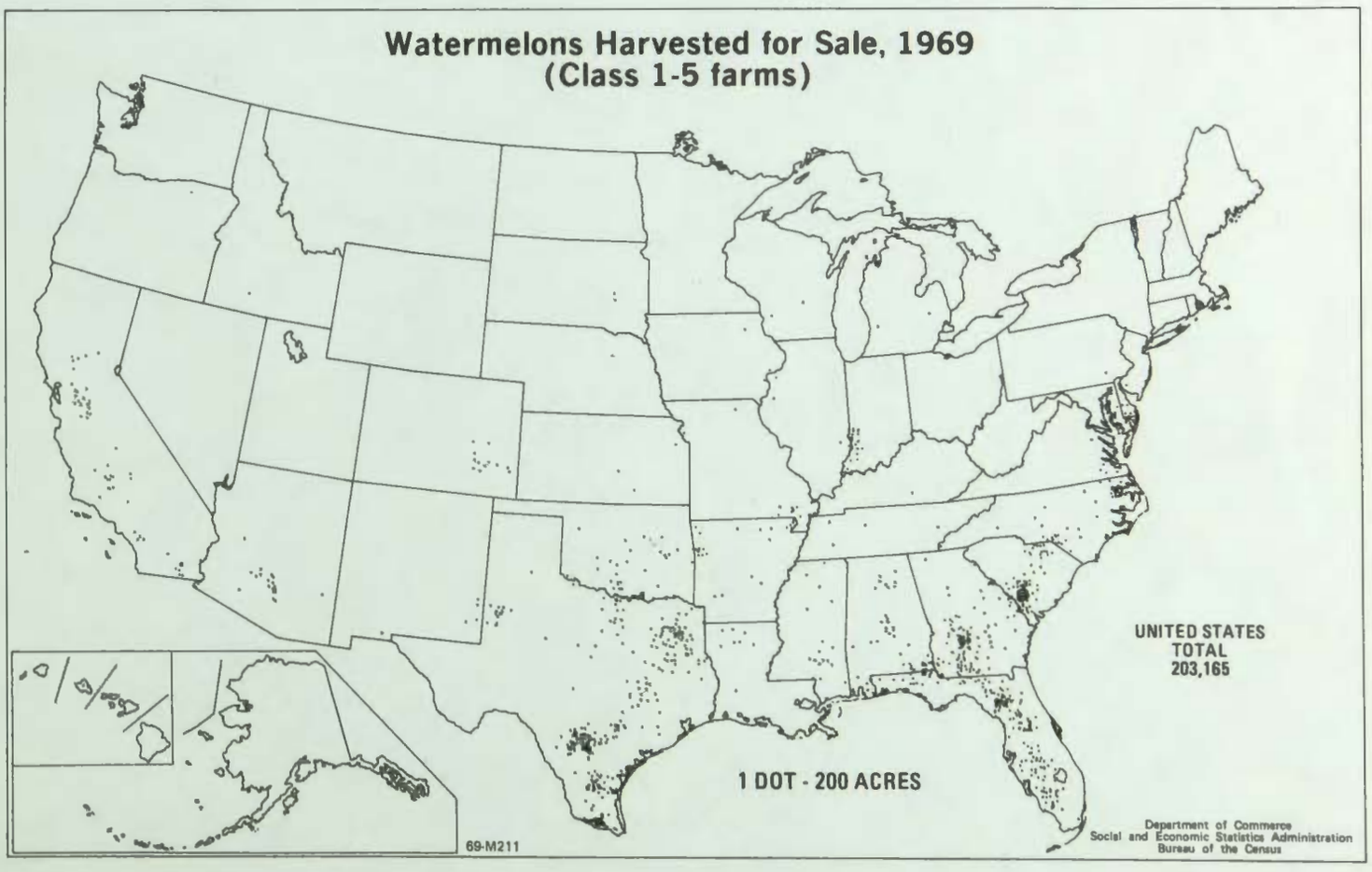

Alfalfa Seed, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
404,702
1 DOT - 200 ACRES
69-M204
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

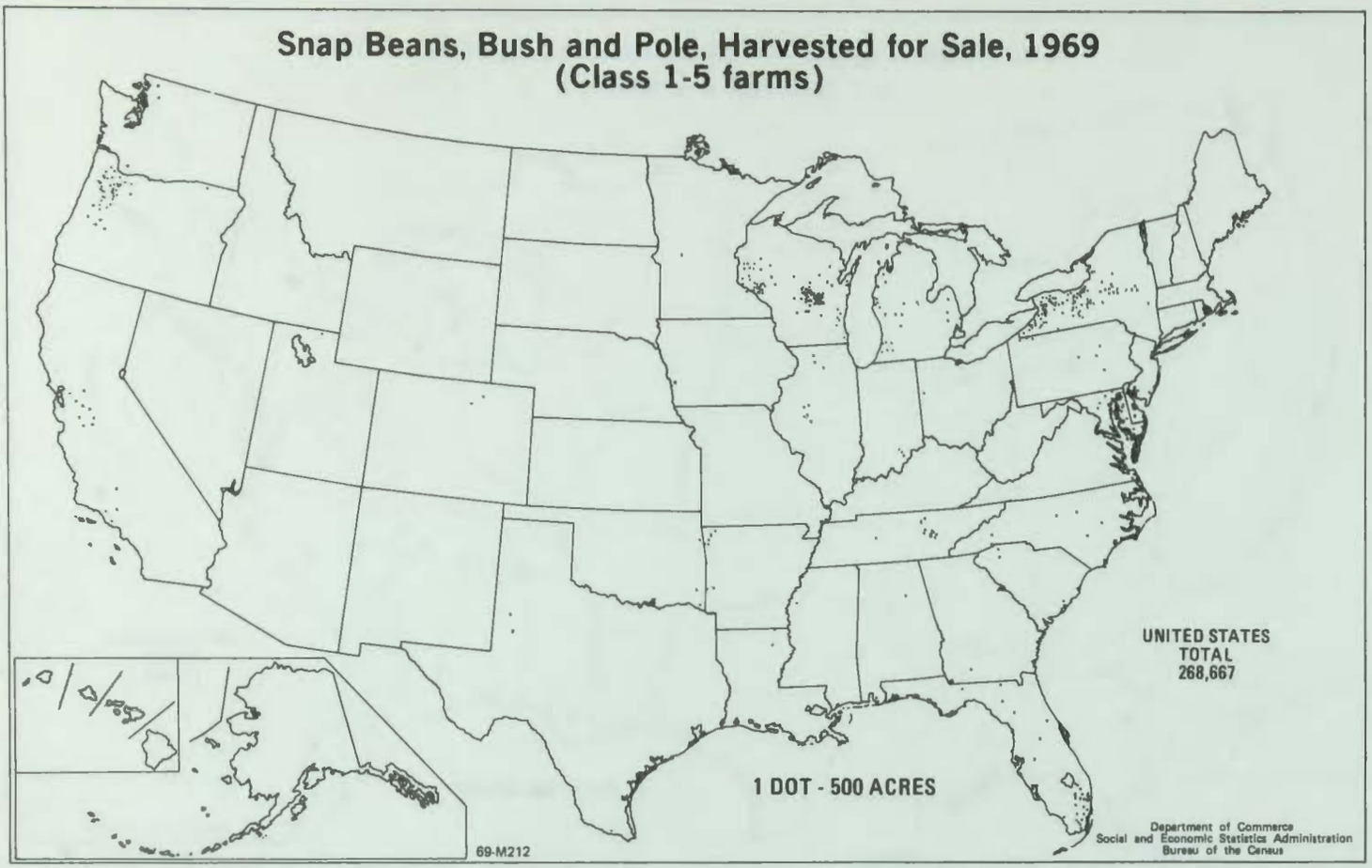

Vegetables Harvested for Sale, 1969
UNITED STATES
TOTAL
3,352,383
1 DOT - 1,000 ACRES
69-M206
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

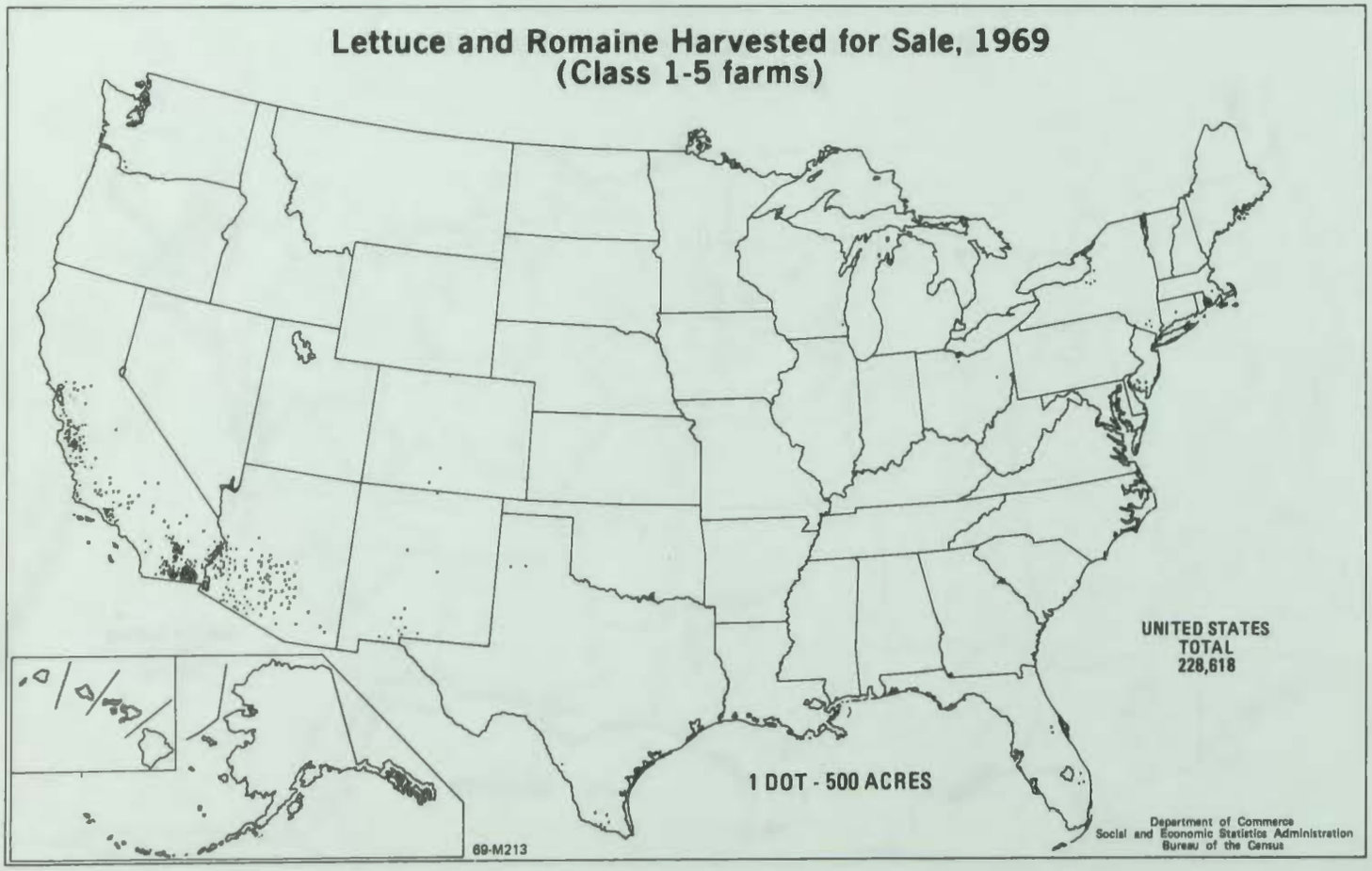

Tomatoes Harvested for Sale, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
387,838
1 DOT - 500 ACRES
69-M208
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Sweet Corn Harvested for Sale, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
631,067
1 DOT - 500 ACRES
69-M209
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

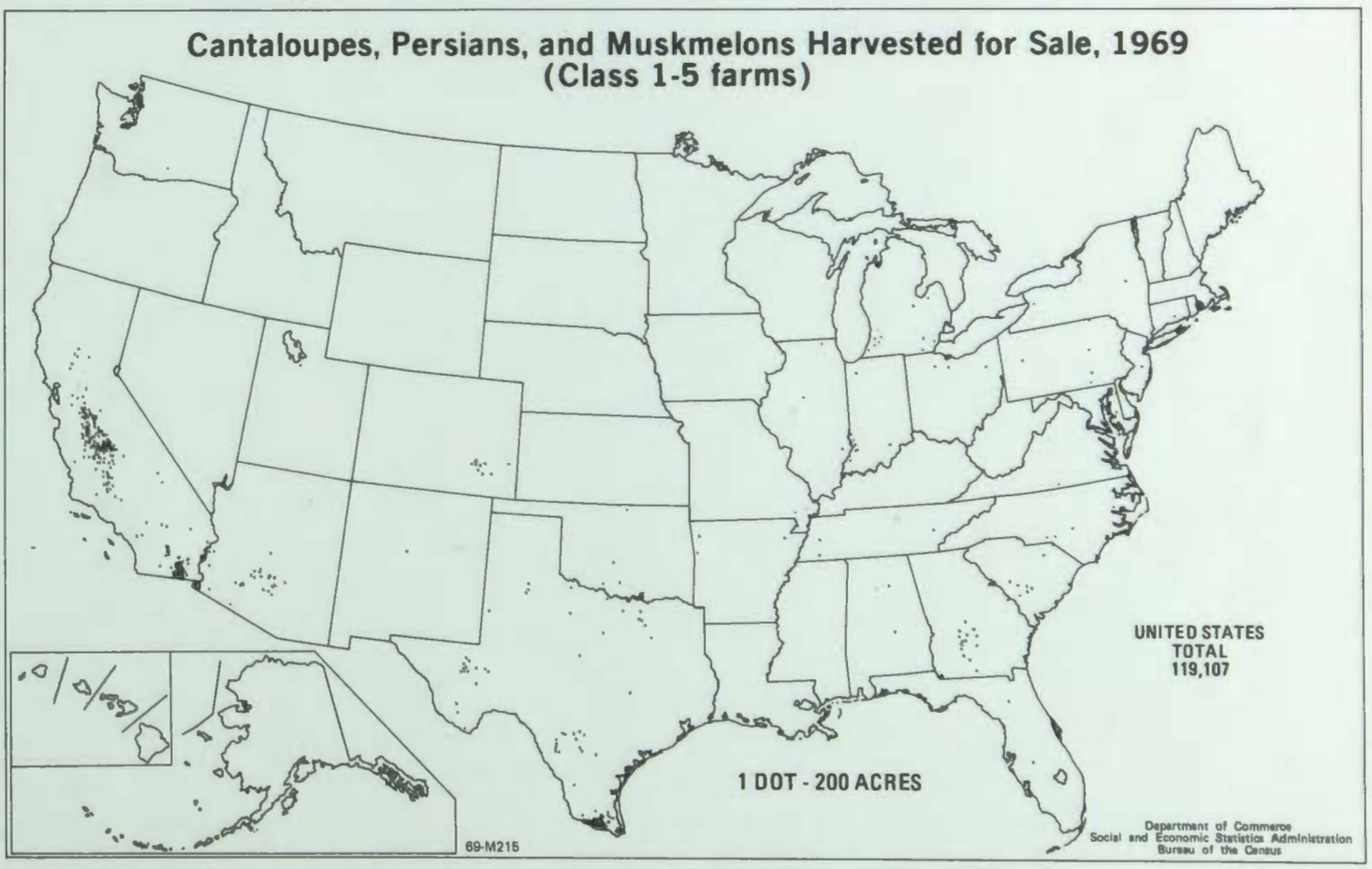

Cucumbers and Pickles Harvested for Sale, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
110,001
1 DOT - 200 ACRES
69-M210
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

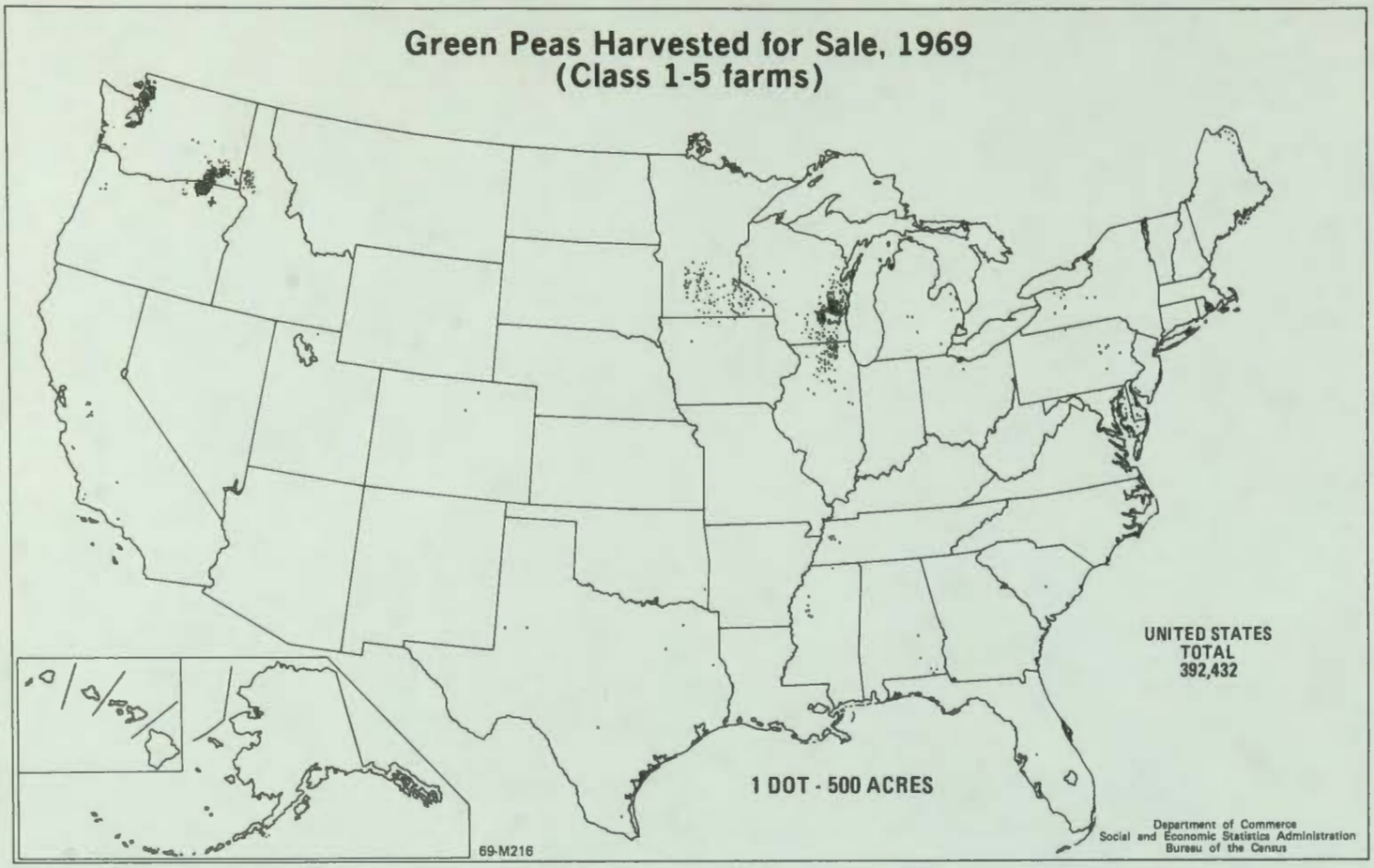

Watermelons Harvested for Sale, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
203,165
1 DOT - 200 ACRES
69-M211
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

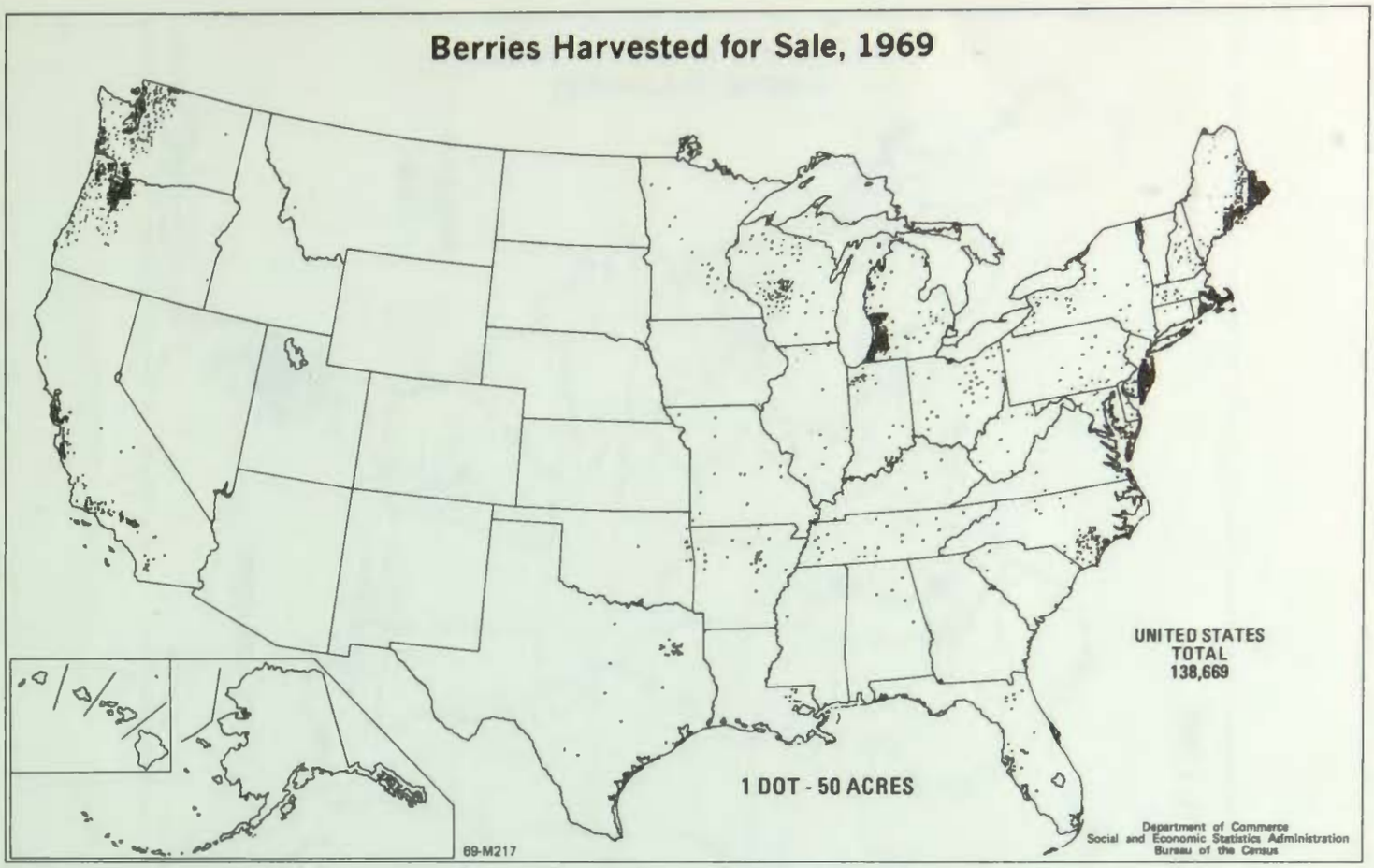

Snap Beans, Bush and Pole, Harvested for Sale, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
268,667
1 DOT - 500 ACRES
69-M212
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

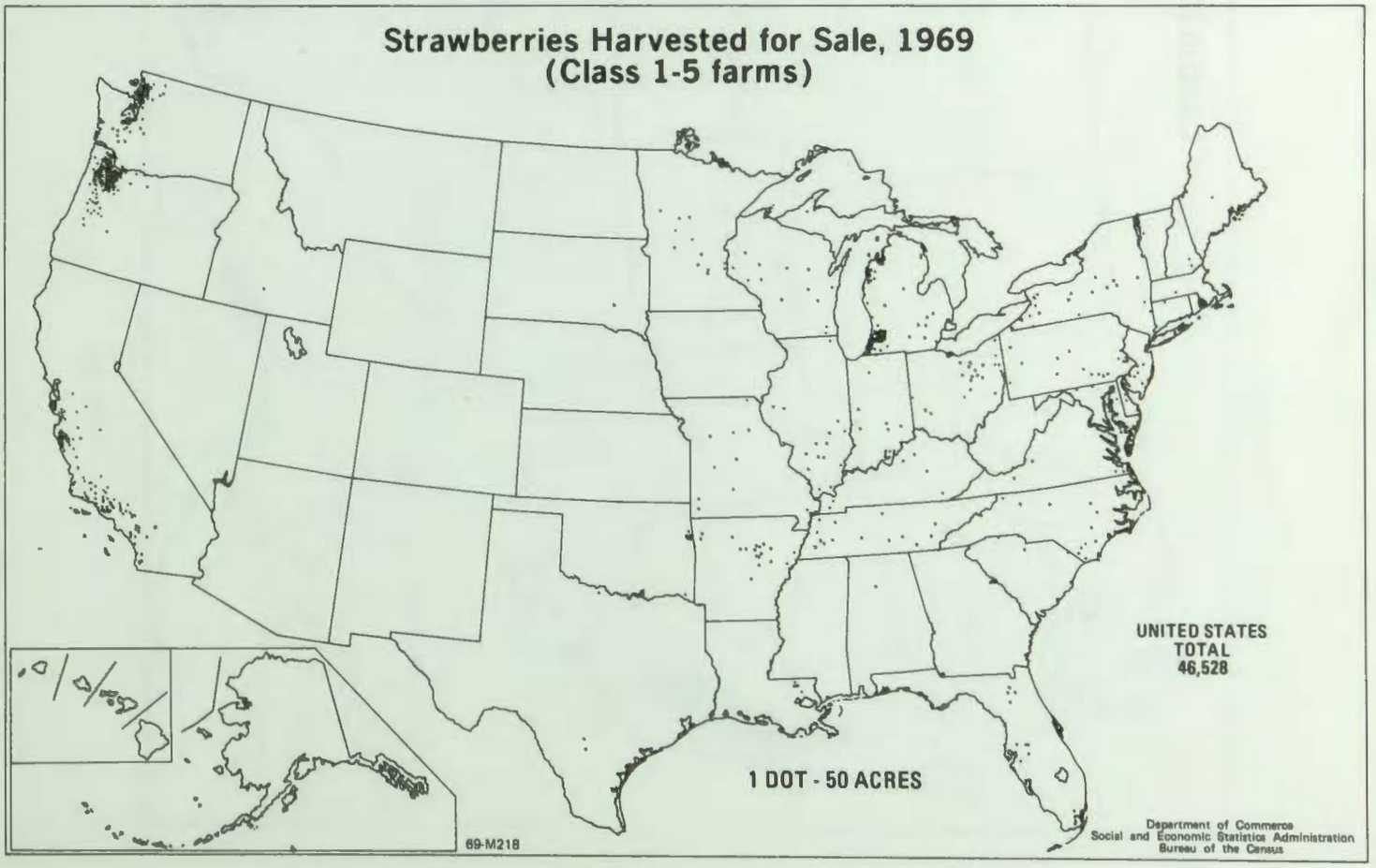

Lettuce and Romaine Harvested for Sale, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
228,618
1 DOT - 500 ACRES
69-M213
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

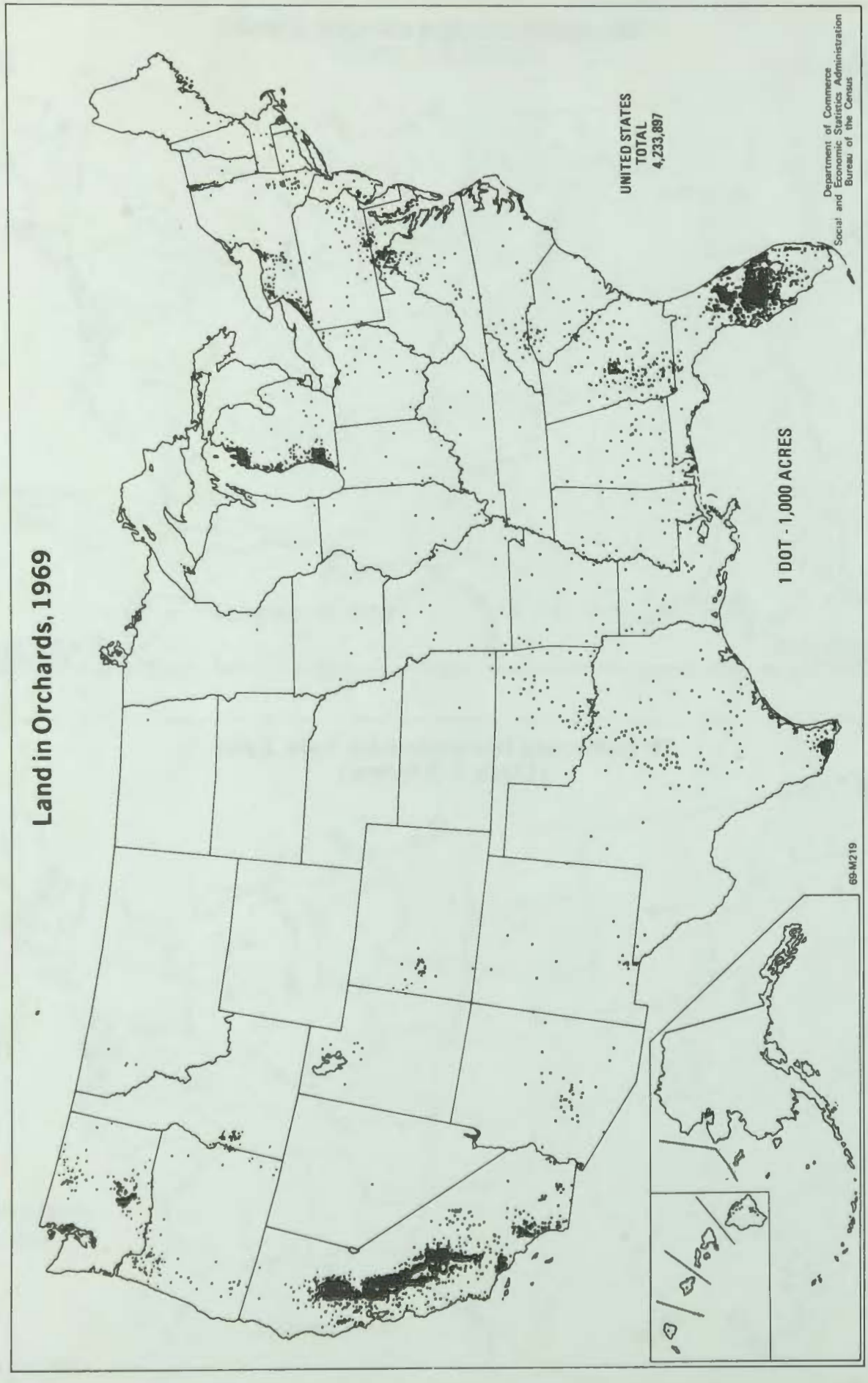

Asparagus Harvested for Sale, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
116,392
1 DOT - 200 ACRES
69-M214
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

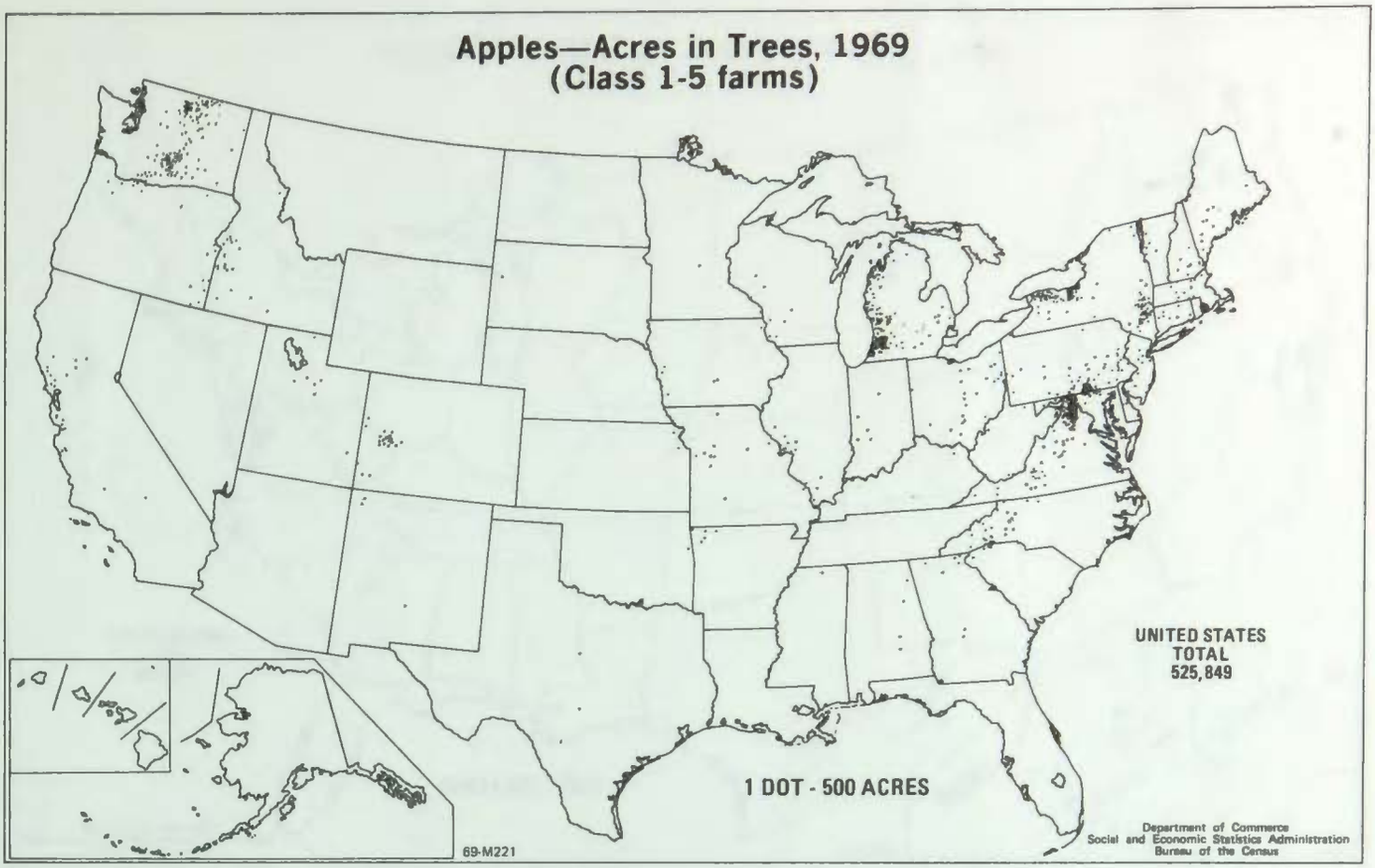

Cantaloupes, Persians, and Muskmelons Harvested for Sale, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
119,107
1 DOT - 200 ACRES
69-M215
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

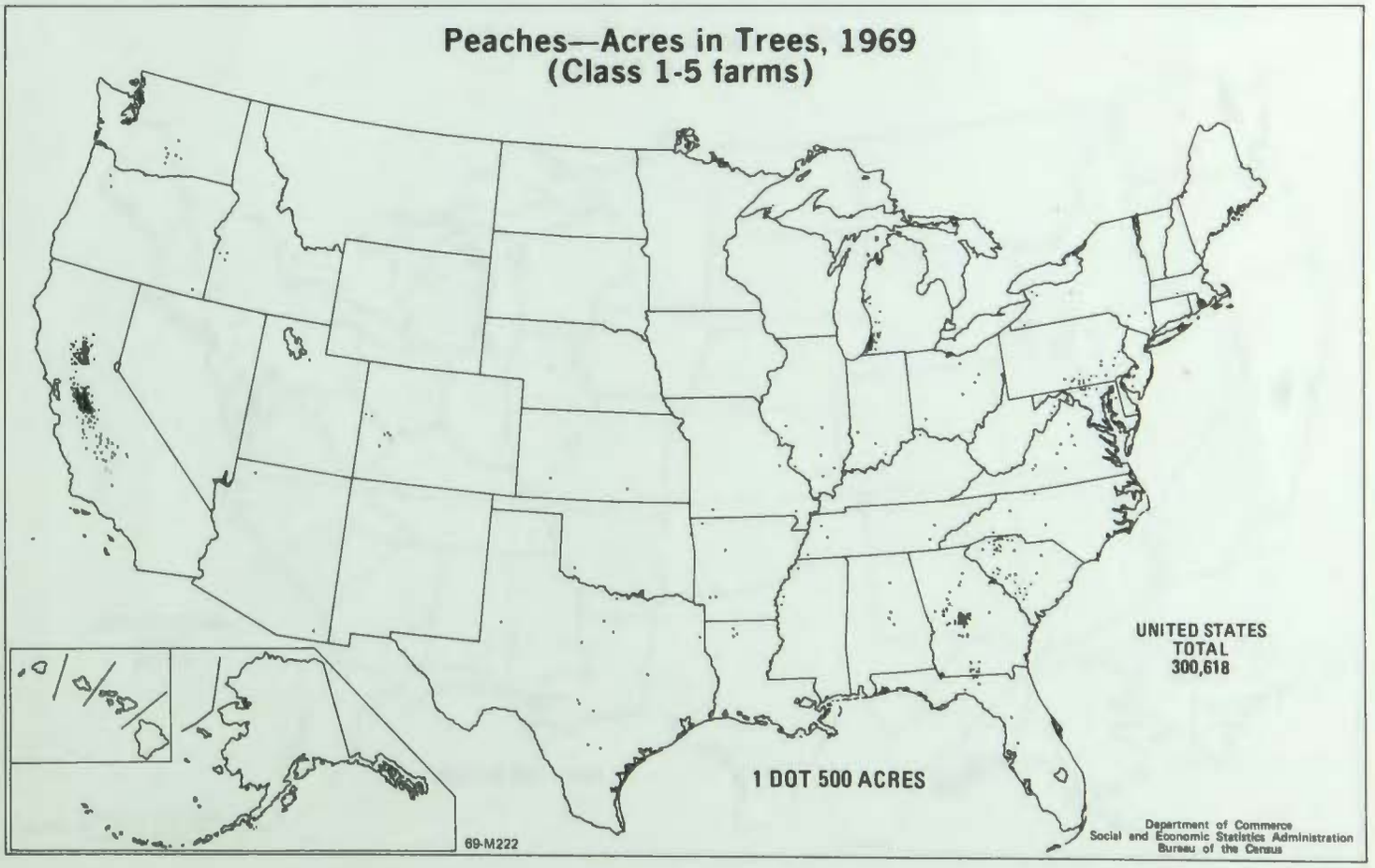

Green Peas Harvested for Sale, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
392,432
1 DOT - 500 ACRES
69-M216
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

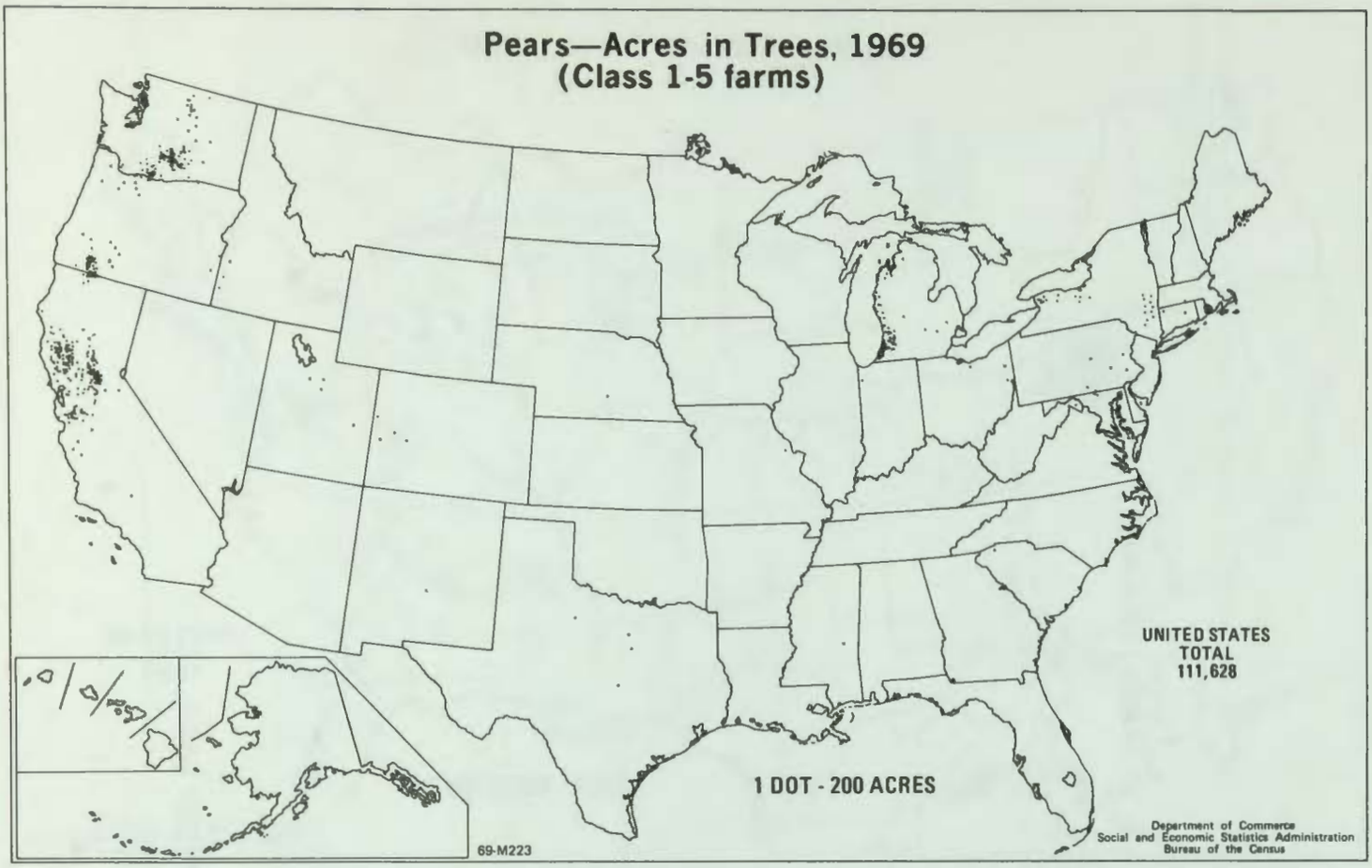

Berries Harvested for Sale, 1969
UNITED STATES
TOTAL
138,669
1 DOT - 50 ACRES
69-M217
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

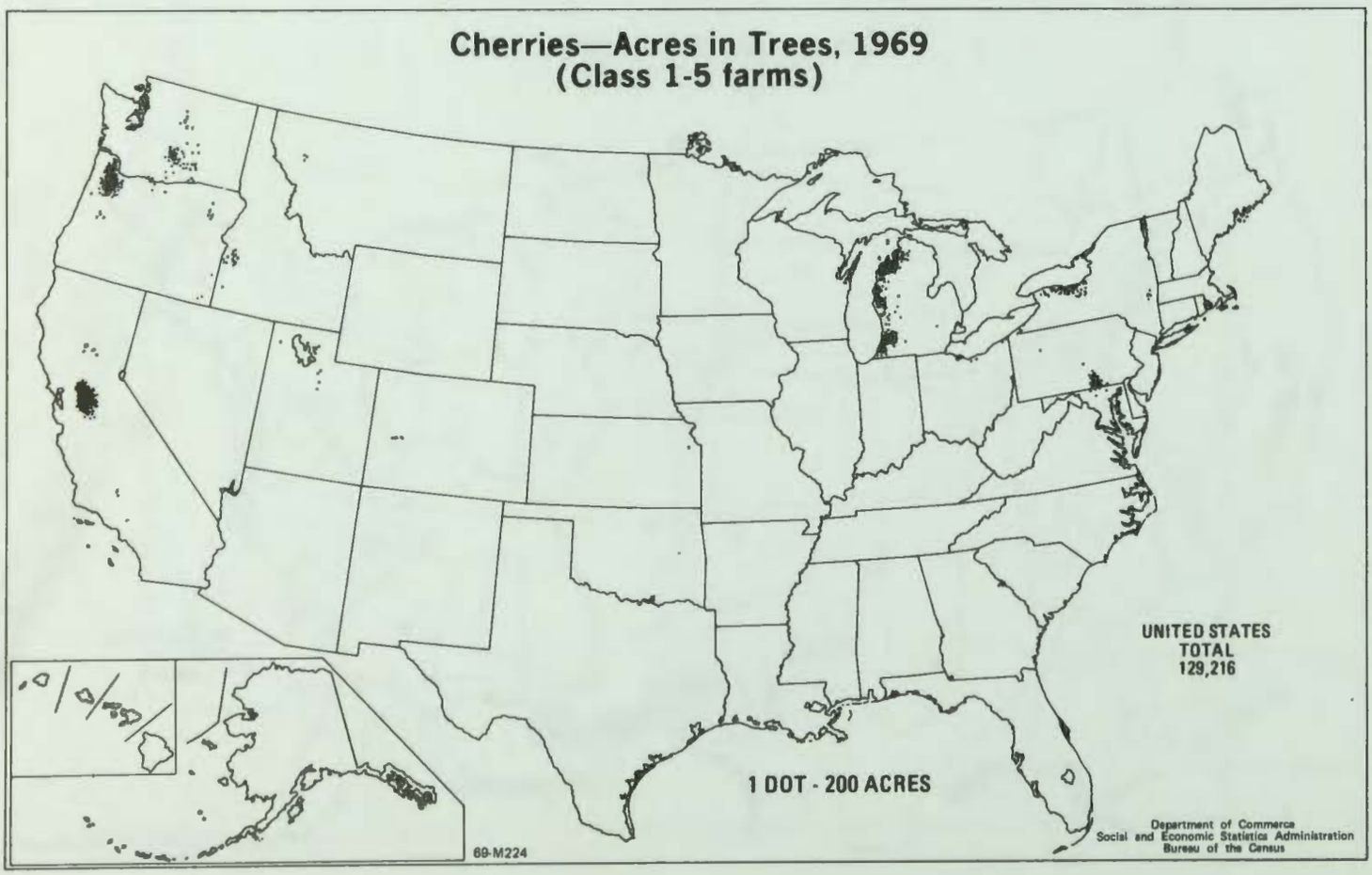

Strawberries Harvested for Sale, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
46,528
1 DOT - 50 ACRES
69-M218
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

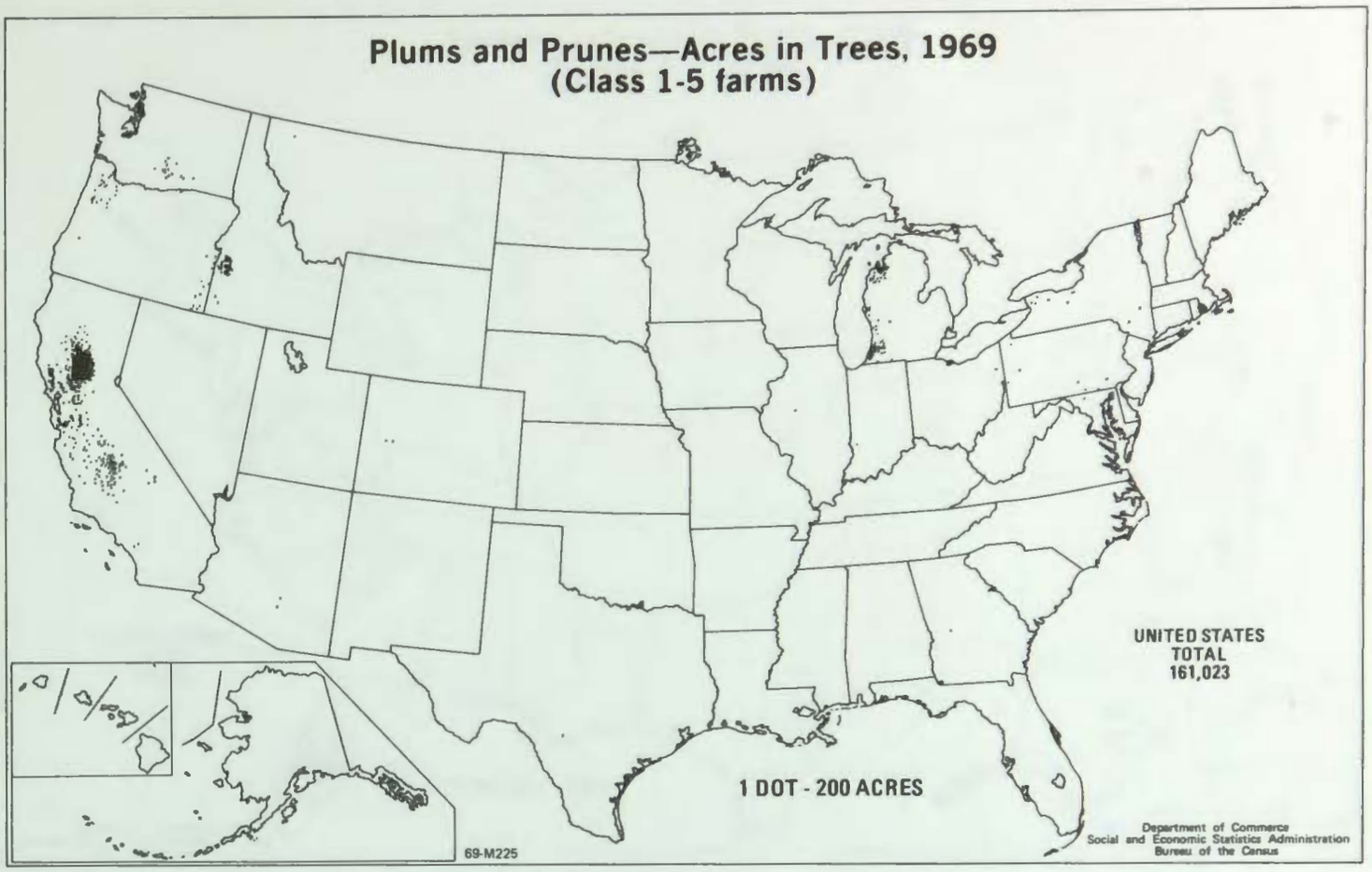

Land in Orchards, 1969
UNITED STATES
TOTAL
4,233,897
1 DOT - 1,000 ACRES
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census
69-M219

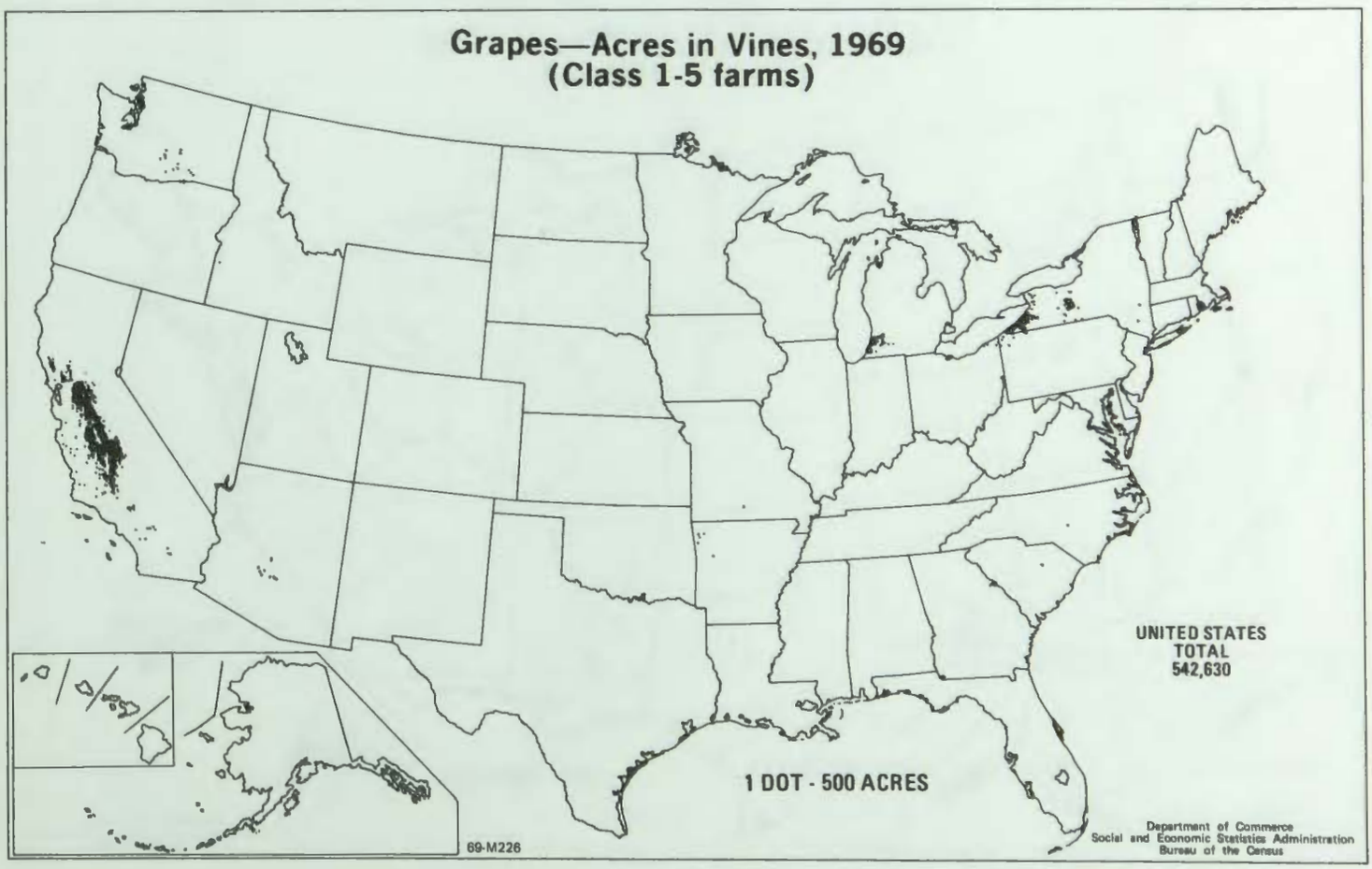

Apples—Acres in Trees, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
525,849
1 DOT - 500 ACRES
69-M221
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

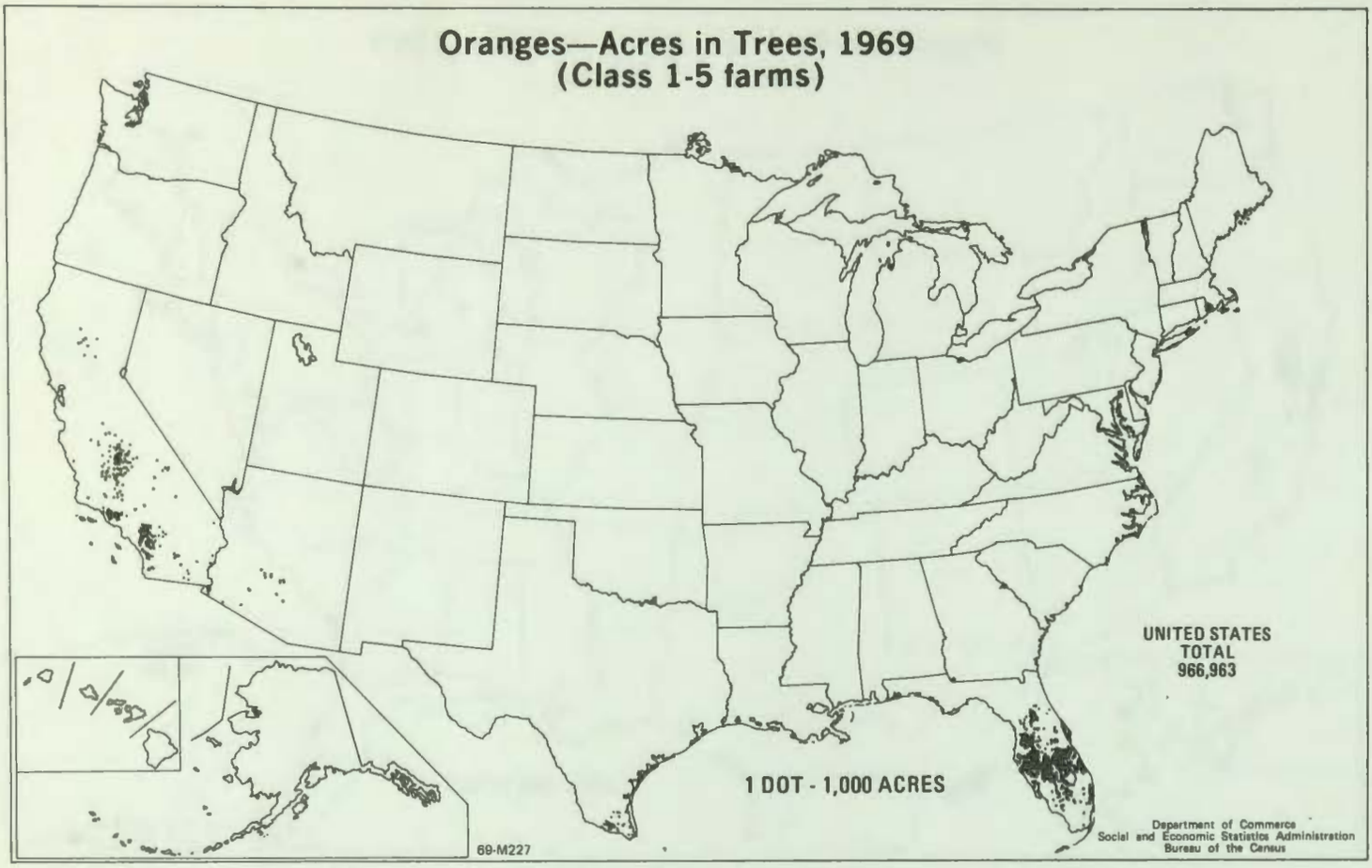

Peaches—Acres in Trees, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
300,618
1 DOT 500 ACRES
69-M222
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

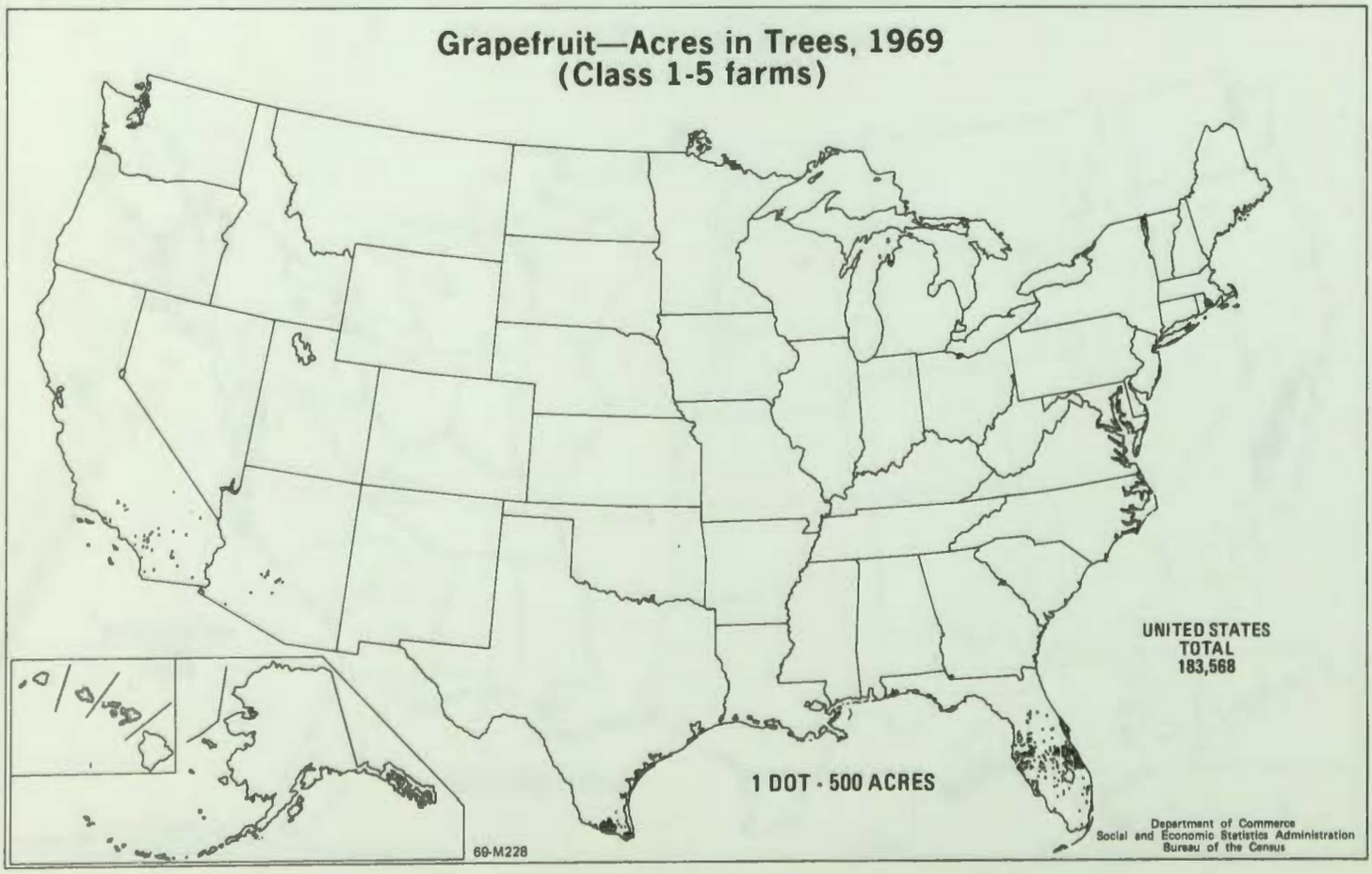

Pears—Acres in Trees, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
111,628
1 DOT - 200 ACRES
69-M223
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

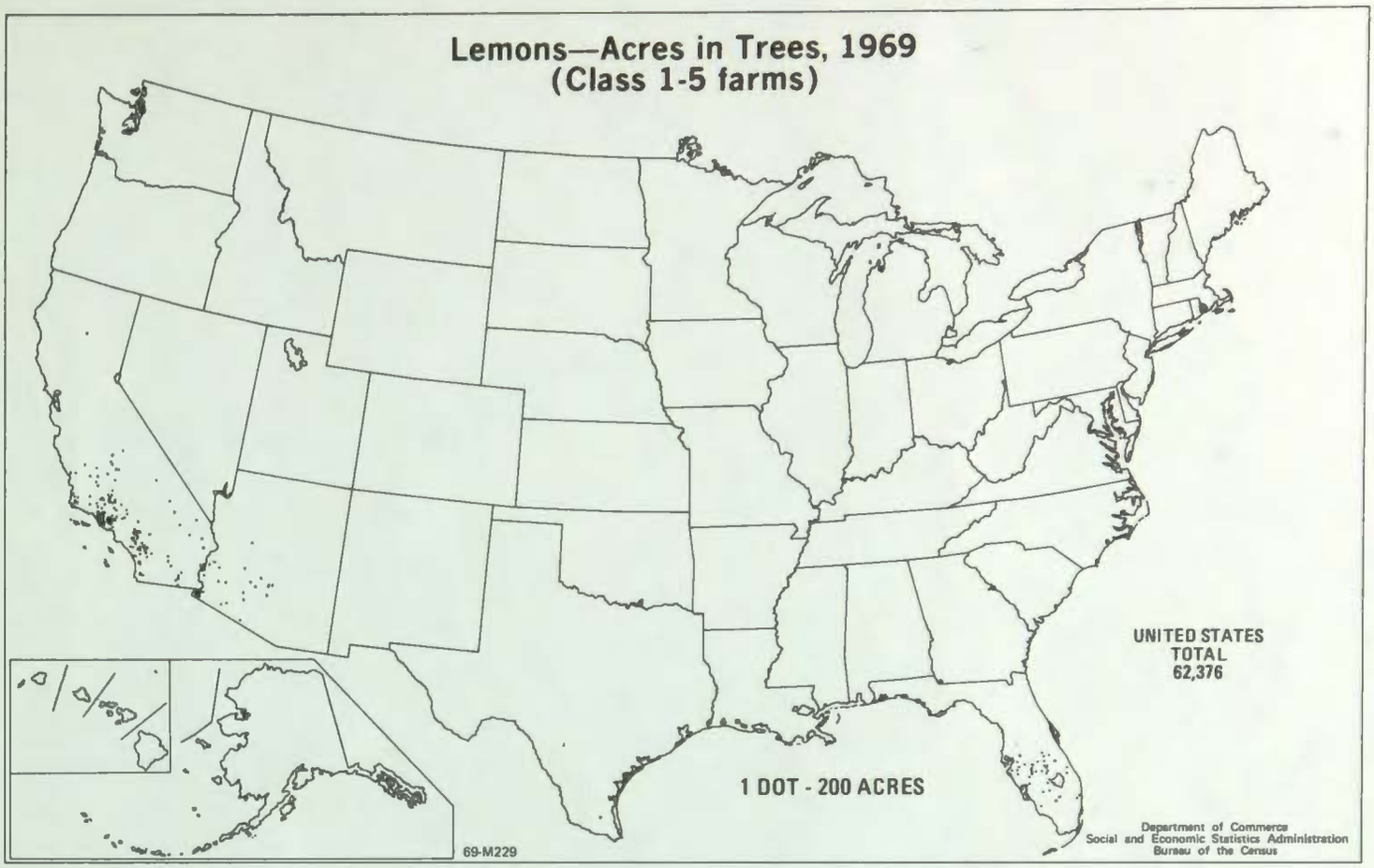

Cherries—Acres in Trees, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
129,216
1 DOT - 200 ACRES
69-M224
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census

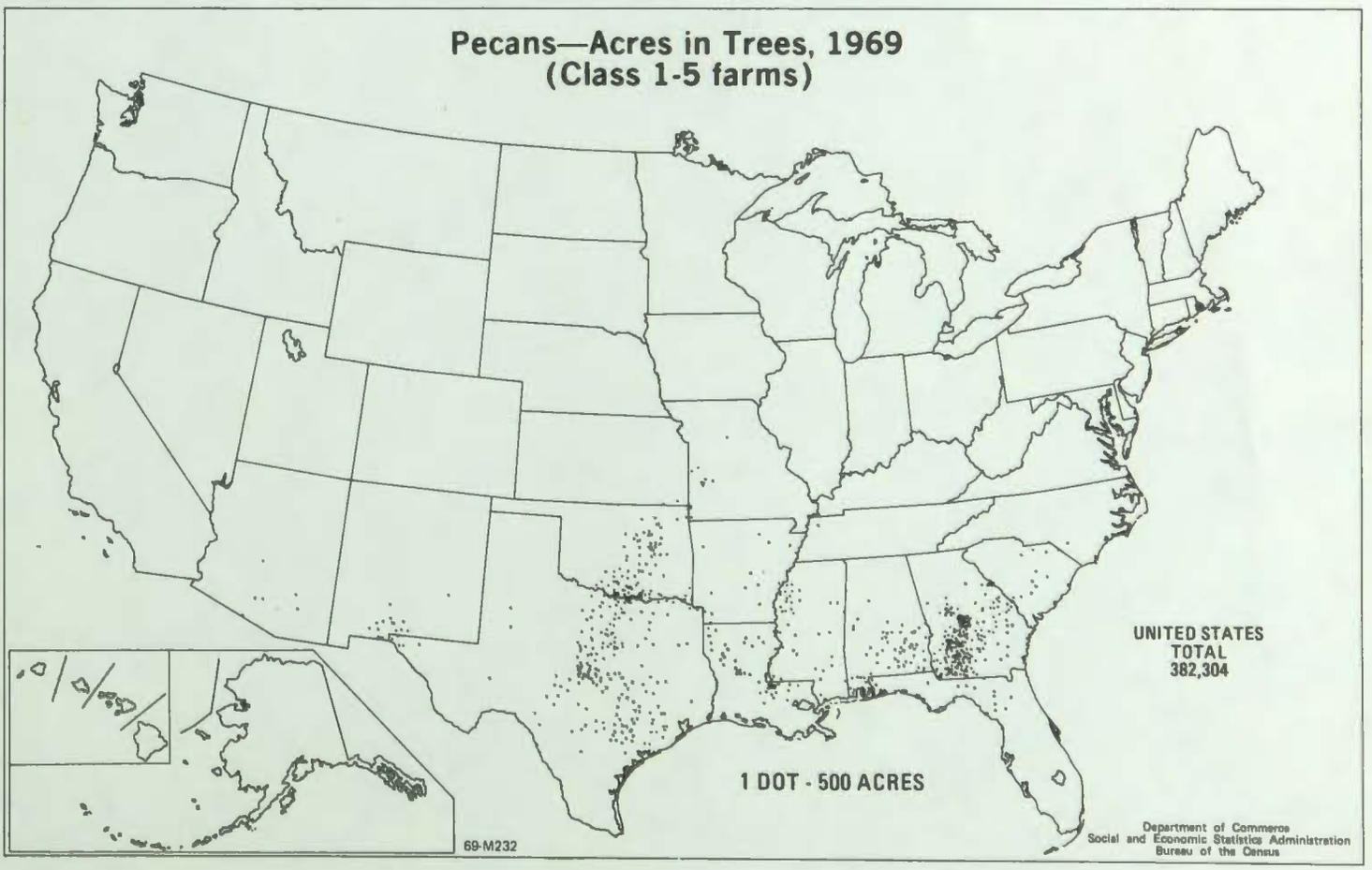

Plums and Prunes—Acres in Trees, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
161,023
1 DOT - 200 ACRES
69-M225
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Grapes—Acres in Vines, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
542,630
1 DOT - 500 ACRES
69-M226
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Oranges—Acres in Trees, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
966,963
1 DOT - 1,000 ACRES
69-M227
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census


Grapefruit—Acres in Trees, 1969
(Class 1-5 farms)
UNITED STATES
TOTAL
183,568
1 DOT - 500 ACRES
69-M228
Department of Commerce
Social and Economic Statistics Administration
Bureau of the Census





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