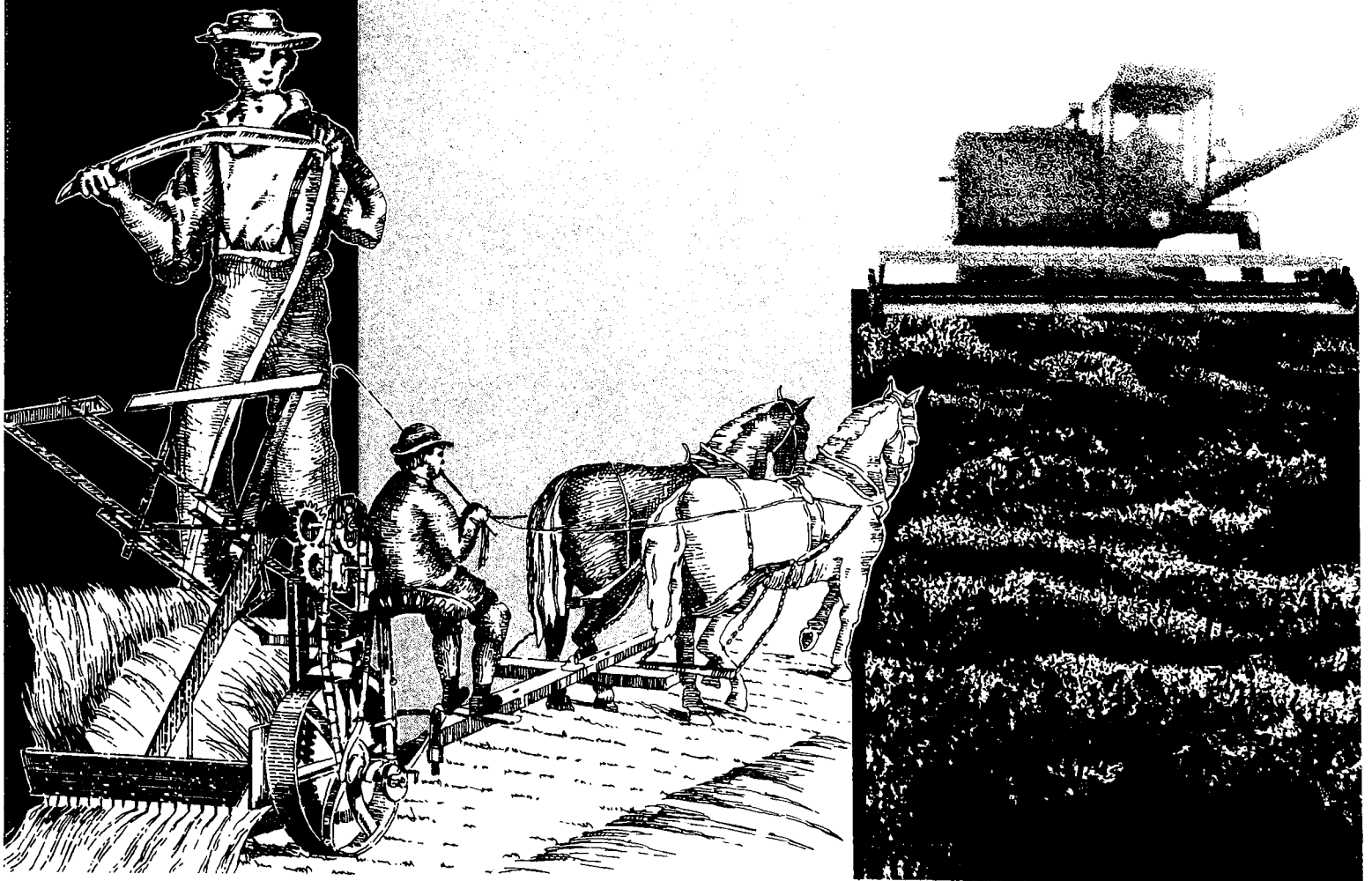


# 1974 Census of Agriculture

Volume I Part 22  
**Michigan**  
State and  
County Data

U.S. Department of Commerce  
BUREAU OF THE CENSUS



1974  
Census  
of  
Agriculture

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**Michigan**  
State and  
County Data



Issued June 1977



U.S. Department of Commerce  
Juanita M. Kreps, Secretary

BUREAU OF THE CENSUS  
Manuel D. Plotkin, Director

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## REPORTS OF 1974 CENSUS OF AGRICULTURE

**Preliminary Reports.** Four pages of data published separately for each county having 10 farms or more, and for each State, the four geographic regions, and the United States. *The statistics printed in these reports are superseded by those in the final reports, Volumes I through IV.*

**Volume I. State and County Data.** One for each State, Puerto Rico, Guam, and the Virgin Islands, covering the area and its subdivisions. The reports for the States contain data for all farms and farms with sales of \$2,500 and over. *Chapter I* contains detailed data at the State level classified by size of farm, tenure and age of farm operator, type of organization, value of products sold, and major type of farm; *Chapter II*, county data summarized by subject; *Chapter III*, county data by subject for miscellaneous crop and livestock items found in relatively few counties; *Chapter IV*, county data by county.

**Volume II. Statistics by Subject.** Chapters containing total data for the United States, geographic regions and divisions, and States, for all farms and farms with sales of \$2,500 and over.

**Volume III. Agricultural Services.** Data by county for each State covering establishments whose primary activities are providing agricultural services. Data at the U.S., State, and county levels for all establishments are presented for selected four-digit standard industrial classification codes by size and type of organization. Data shown include dollar volume of business, gross receipts from products provided, gross receipts, labor and payroll by type of service performed, capital expenditures, and expenditures for electricity, gasoline, petroleum, and other fuels.

#### Volume IV. Special Reports.

**Part 1. Graphic Summary.** Profiles the Nation's agricultural system in a series of U.S. maps, a number of which are printed in color. The characteristics of America's farms in 1974 are illustrated for crops, livestock, and many other characteristics.

**Part 2. Ranking Counties and States.** Reports on the top ranking 100 counties and 10 States in descending order of importance for 88 selected items for 1974 with comparative data for 1969.

**Part 3. Coverage Evaluation.** Shows the completeness of the agriculture census for States, geographic divisions, and the United States. Data also show the characteristics of farms missed by value of sales and by selected standard industrial (type-of-farm) classifications. Sampling reliability of the estimate of coverage is shown by value of sales classifications.

**Part 4. Procedural History.** A comprehensive summary of the procedures used in conducting the 1974 Census of Agriculture, in the 50 States, Puerto Rico, Guam, and the Virgin Islands. The history explains the procedures used from early planning and testing through tabulation and publication of the final reports.

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# INTRODUCTION

## Authority, Area Covered, and History

The 1974 Census of Agriculture was taken in accordance with the provisions of Title 13, United States Code, reaffirmed by section 818 of the Agriculture and Consumer Protection Act of 1973 (Public Law 93-86). Sections 142(a) and 191 of Title 13 provide for a census of agriculture every 5 years in each State, the District of Columbia, Puerto Rico, Guam, and the Virgin Islands.

The 1974 census is the 20th nationwide census of agriculture and the second conducted primarily by mail. The first agricultural census data were collected in 1840 as part of the sixth decennial census. Since that time, a census of agriculture has been a part of each decennial census program, and since 1920 a national census of agriculture has been taken every 5 years.

## Farm Definition

For each of the 20 censuses of agriculture except the first, taken in 1840, the agency responsible for conducting the census has established minimum criteria which define a farm for the purpose of the census. As the Nation has developed and grown, agriculture also has changed and grown, and from time to time the minimum criteria for the definition of a farm have been changed.

Prior to 1974, the eighth and most recent change in minimum criteria was for the 1959 Census of Agriculture, when the definition of a farm was based primarily on a combination of acres in the place and value of agricultural products sold.

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

Places of less than 10 acres in the census year were counted as farms if the estimated sales of agricultural products for the year amounted to at least \$250. Places of 10 or more acres in the census year were counted as farms if the estimated sales of agricultural products for the year amounted to at least \$50. Places having less than the \$50 or \$250 minimum estimated sales in the census year were also counted as farms if they could normally be expected to produce agricultural products in sufficient quantity to meet the requirements of the definition.

Using the 1959 definition, the 1969 census reported about 571,000 farms in the United States having sales of less than \$1,000; these farms comprised 20.9 percent of all farms but contributed less than 1 percent of total sales. In 1974 there were only about 152,000 such farms, accounting for less than 6 hundredths of 1 percent of total sales. Between censuses many of these small farms had ceased operations, while many others had sales of \$1,000 or more in the census year, either because of increased agricultural activity or because of increases in the per unit value of agricultural products sold.

In view of increases in price levels and other changes in the structure of agricultural operations, various individuals

and organizations, including members of the Census Advisory Committee on Agriculture Statistics, the Office of Management and Budget, and the U.S. Department of Agriculture, agreed that a change in the definition of a farm was justified. The Department of Commerce announced on August 12, 1975, that the census definition of a farm, for purposes of publishing the 1974 census data, was any establishment which during the census year had or normally would have had sales of agricultural products of \$1,000 or more.

In the next 10 months, Congress held four hearings on the appropriateness of changing the definition. During this time, Public Law 94-229, enacted March 15, 1976, included a provision requiring the statistical classification of farms in effect on January 1, 1975, to be continued in effect through June 30, 1976, and that any statistical report issued on or before June 30, 1976, should reflect such classification, but could also include additional classifications as deemed appropriate by the Secretary of Commerce.

**Definition for preliminary reports.** Publication of the preliminary county reports began in April 1976, and these reports for all counties and States, the four regions, and the United States were tabulated and published in accordance with the same farm definition used for the 1959, 1964, and 1969 censuses.

**Definition for final reports.** For all final reports, the 1974 statistics are in accordance with the 1974 definition, which differs from the earlier definition in only two respects:

## INTRODUCTION Continued

1. The criterion for number of "acres in place" has been deleted.
2. The criterion for minimum value of agricultural products sold has been changed to \$1,000.

Thus for 1974, a farm was defined to include all land on which agricultural operations were conducted at any time in the census year under the day-to-day control of an individual management, and from which \$1,000 or more of agricultural products were sold during the census year. Control may have been exercised through ownership or management, or through a lease, rental, or cropping arrangement. Places having less than the minimum \$1,000 sales in the census year were also counted as farms if they could normally be expected to produce agricultural products in sufficient quantity to meet the requirements of the definition.

Three tables in this report provide users with measures of the effect of the change in definition: The table following this introduction shows farms and sales, by county, for 1974 and 1969, for both the old and the new definitions, and also for those places excluded by the 1974 but not by the 1959 definition. In chapter II, table 33 presents data by county for 1974 showing comparisons between farms (1974 definition) and agricultural operations that would have been farms under the 1959 definition. The table that comprises appendix B presents data by State for 1974 and 1969 showing characteristics of 1974 agricultural operations excluded by the new definition and of 1969 farms having less than \$1,000 total value of sales.

The 1974 "all farms" data shown in State tables 1 through 9 and county tables 1 through 10 are for those agricultural operations with at least \$1,000 in total (or potential) sales of farm products. All other tables in this report are limited to farms with sales of \$2,500 or more (see the paragraphs in appendix A that describe the report forms and the enumeration method).

### Comparability of Data

In general, data for 1974 and earlier

censuses are comparable with data from earlier censuses only for farms with \$2,500 or more total value of sales, because the data for farms with \$2,500 or more value of sales are not affected by the change in farm definition. Data for all farms for 1974 are based on the new definition so they are not directly comparable to earlier censuses. It is also important to note that in addition to the difference in farm definition used in this report from that in the preliminary version, this final report contains 1974 figures which will not agree with figures in the preliminary reports because of corrections, additions, and deletions.

Even for farms with \$2,500 or more value of sales, the difference in timing and the change from personal interview to mail enumeration affect the comparability between the data for 1974 and 1969 and that for earlier censuses. Both 1974 and 1969 censuses were taken by mail; all earlier censuses were taken by direct interview.

Dramatic changes in rates of farm expenditure and unit prices of products sold between the 1969 and 1974 censuses affect the comparability of some census data. During the period between the two censuses, prices paid by farmers greatly increased. Prices received by farmers also increased but with wide fluctuations among commodities at different times during the census year of 1974.

Crop and livestock production data are for the calendar year 1974, except for a few crops (such as citrus) for which the production year overlaps the calendar year. Expenditures, crops irrigated, usage of agricultural chemicals and fertilizers, and sale of farm products were all asked for the calendar year. Respondents were instructed to report inventory numbers of livestock, poultry, and other specified items as of December 31, 1974. The reporting period and inventory data are the same as for the 1969 census.

Censuses prior to 1969 were taken by enumerators, each assigned to a specific geographic area. Field work for the 1964 and 1959 censuses was completed largely in October, November, and December of the reference year. Livestock and poultry inventories for those two censuses were as

of the time of enumeration. Other variations in time of enumeration occurred in censuses prior to 1959.

### Graphics

On the following pages, there is a graphic presentation of selected agricultural statistics for this State. The first four dot maps are being published for all States. The second four dot maps have been selected to present data of particular importance to this State.

### Tabular Presentation

**State data**—In chapter I, State tables 1 through 27 show detailed State level data generally accompanied by historical data for one or more censuses. Tables 28 through 33 provide 1974 State data cross-tabulated by various farm classifications.

**County summary data**—A summary of selected data items for each county of the State is presented in chapter II of this publication. In these tables the counties are listed in alphabetical order with the State total at the beginning of each table.

**County miscellaneous data**—In chapter III, data for additional crop and livestock items not common to a large number of counties are reported in a separate set of tables by county for each State. Some of these items, even though reported in only a few counties of the State, are sufficiently important to account for a significant proportion of the agricultural production.

Counties not having the subject item of a given table, or with only a very limited number of farms reporting the item, are not listed separately; their data are combined with other counties and presented as "All other."

**Final county data**—Six pages of data are presented in chapter IV for each county with 10 farms or more in 1974. The tables include final data for each county and are more comprehensive than those in the preliminary reports. Data are for the year 1974 with inventory (on place)

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## INTRODUCTION Continued

figures as of December 31, 1974. Information covering all farms and farms with sales of \$2,500 and over are presented for both the 1974 and 1969 censuses. A State level six-page report like the county report is published at the beginning of the chapter.

**Preliminary county data**—Preliminary reports have been published separately for all counties in the United States with 10 farms or more in 1974. This four-page series provided, at the earliest possible date, usable information on a limited number of major data items, with comparative final figures from the 1969 census.

The reports were issued on a flow basis, with a State report following the release of the last county report for each State. Tables showing regional and U.S. totals were also prepared as a part of this series.

For all States, the same table format was used to present the data except data for six selected crops shown in table 7. These crops were varied by State depending upon their relative importance.

For major items at the county level differences between the preliminary and final figures are in general less than 5 percent. At the State level, differences are significantly less.

### “See Text” Reference

The remark “See text” in the tables refers to explanations, definitions, and classifications in sections 5 and 6 of appendix A.

### Abbreviations and Symbols

The following abbreviations and symbols are used throughout the tables:

- Represents zero.
- D Data withheld to avoid disclosing information for individual farms.
- X Not applicable.
- Z Less than half of the unit reported.
- NA Not available.

# INTRODUCTION Continued

FARMS AND VALUE OF PRODUCTS SOLD BY 1974 AND 1959 DEFINITIONS, WITH COMPARABLE DATA FOR AGRICULTURAL OPERATIONS EXCLUDED BY 1974 DEFINITION: 1974 AND 1969

COUNTY	BY 1974 DEFINITION				BY 1959 DEFINITION				AGRICULTURAL OPERATIONS EXCLUDED BY 1974 DEFINITION BUT NOT BY 1959 DEFINITION			
	NUMBER		VALUE OF AGRICULTURAL PRODUCTS SOLD (\$1,000)		NUMBER		VALUE OF AGRICULTURAL PRODUCTS SOLD (\$1,000)		NUMBER		VALUE OF AGRICULTURAL PRODUCTS SOLD (\$1,000)	
	1974	1969	1974	1969	1974	1969	1974	1969	1974	1969	1974	1969
MICHIGAN, TOTAL. . . . .	64 094	58 106	1 491 439	821 587	68 952	77 946	1 492 527	829 451	4 858	19 840	1 088	7 864
ALCONA. . . . .	254	223	2 128	1 860	282	304	2 136	1 892	28	81	8	32
ALGER. . . . .	81	82	1 120	872	93	104	1 121	882	12	22	1	10
ALLEGAN. . . . .	2 044	1 813	56 140	30 404	2 200	2 470	56 178	30 651	156	657	38	247
ALPENA. . . . .	487	421	4 453	3 392	511	572	4 458	3 453	24	151	5	60
ANTRIM. . . . .	250	247	7 656	3 751	265	341	7 660	3 791	15	94	4	40
ARENAC. . . . .	436	419	9 667	5 270	463	544	9 670	5 318	27	125	3	49
BARAGA. . . . .	86	91	470	491	100	142	473	513	14	51	3	22
BARRY. . . . .	1 092	906	17 864	11 624	1 187	1 301	17 880	11 786	95	395	16	161
BAY. . . . .	1 244	1 262	34 879	15 690	1 290	1 512	34 888	15 794	46	250	9	104
BENZIE. . . . .	177	152	3 518	1 678	190	231	3 520	1 703	13	79	1	25
BERRIEN. . . . .	1 959	1 797	42 310	28 304	2 115	2 513	42 353	28 577	156	716	43	273
BRANCH. . . . .	1 310	1 203	27 643	13 643	1 388	1 632	27 659	13 829	78	429	16	186
CALHOUN. . . . .	1 417	1 179	30 105	16 991	1 542	1 725	30 128	17 199	125	546	23	208
CASS. . . . .	1 107	920	27 168	14 152	1 194	1 268	27 193	14 304	87	348	24	152
CHARLEVOIX. . . . .	219	200	3 005	1 775	233	278	3 008	1 800	14	78	4	25
CHEBOYGAN. . . . .	178	152	2 142	1 143	188	214	2 144	1 167	10	62	2	24
CHIPPEWA. . . . .	320	311	3 005	1 942	330	401	3 008	1 991	10	90	3	49
CLARE. . . . .	346	303	4 817	3 107	362	394	4 822	3 141	16	91	5	34
CLINTON. . . . .	1 645	1 488	35 889	20 369	1 734	1 981	35 916	20 563	89	493	26	194
CRAWFORD. . . . .	8	(D)	54	(D)	10	(D)	55	(D)	2	-	1	-
DELTA. . . . .	317	307	4 753	3 367	333	373	4 755	3 395	16	66	2	27
DICKINSON. . . . .	143	124	3 704	1 911	163	162	3 707	1 925	20	38	3	14
EATON. . . . .	1 558	1 275	24 485	13 866	1 698	1 782	24 526	14 063	140	507	41	198
EMMET. . . . .	200	181	2 611	2 320	218	248	2 614	2 345	18	67	3	25
GENESE. . . . .	1 015	855	20 371	10 582	1 134	1 360	20 397	10 801	119	505	26	218
GLADWIN. . . . .	434	385	4 890	3 040	472	507	4 896	3 098	38	122	5	57
GOGEBIC. . . . .	59	37	427	356	67	73	430	372	8	36	3	17
GRAND TRAVERSE. . . . .	443	483	12 207	6 684	496	633	12 220	6 723	53	150	13	39
GRATIOT. . . . .	1 553	1 582	47 421	22 439	1 604	1 935	47 440	22 580	51	353	19	141
HILLSDALE. . . . .	1 719	1 445	30 896	15 688	1 835	2 028	30 917	15 952	116	583	21	264
HOUGHTON. . . . .	206	191	2 221	1 386	230	274	2 225	1 420	24	83	4	35
HURON. . . . .	2 088	2 143	80 907	34 702	2 158	2 507	80 930	34 846	70	364	23	144
INGHAM. . . . .	1 198	976	32 528	17 020	1 344	1 399	32 557	17 200	146	423	29	181
IONIA. . . . .	1 380	1 337	34 111	19 623	1 465	1 629	34 130	19 745	85	292	19	122
IOSCO. . . . .	225	213	3 046	2 708	243	311	3 049	2 744	18	98	3	36
IRON. . . . .	83	79	1 257	704	94	106	1 258	718	11	27	1	14
ISABELLA. . . . .	1 074	1 001	26 868	14 087	1 132	1 270	26 887	14 209	58	269	18	122
JACKSON. . . . .	1 259	1 059	24 201	16 743	1 392	1 577	24 231	16 923	142	518	30	180
KALAMAZOO. . . . .	1 003	833	26 735	13 583	1 120	1 194	26 758	13 725	117	361	23	143
KALKASKA. . . . .	63	63	1 103	1 419	78	122	1 105	1 431	15	59	2	12
KENT. . . . .	1 603	1 347	41 571	24 661	1 795	1 897	41 602	24 873	192	550	31	212
KEWEENAW. . . . .	3	(D)	9	(D)	3	(D)	9	(D)	-	2	-	1
LAKE. . . . .	122	113	835	681	126	152	835	695	4	39	-	14
LAPPEER. . . . .	1 405	1 136	34 869	20 701	1 565	1 719	34 899	20 906	160	583	30	204
LEELANAU. . . . .	441	390	12 877	5 641	460	511	12 879	5 685	19	121	2	44
LENAWEE. . . . .	2 056	2 068	56 524	31 711	2 155	2 558	56 546	31 912	99	490	22	201
LIVINGSTON. . . . .	790	713	15 458	11 086	886	1 099	15 474	11 228	96	386	16	142
LUCE. . . . .	29	27	417	406	31	29	418	407	2	2	1	1
MACKINAC. . . . .	86	86	1 081	878	86	98	1 081	882	-	12	-	4
MACOMB. . . . .	872	704	19 887	13 276	937	997	19 901	13 382	65	293	14	105
MANISTEE. . . . .	300	273	5 495	4 831	322	376	5 497	4 869	22	103	2	38
MARQUETTE. . . . .	80	68	1 136	673	96	97	1 138	682	16	29	3	9
MASON. . . . .	532	453	10 070	5 424	593	608	10 083	5 487	61	155	13	63
MECOSTA. . . . .	633	577	13 457	6 989	681	792	13 465	7 060	48	215	9	70
MENOMINEE. . . . .	488	479	9 142	5 858	524	588	9 149	5 898	36	109	7	39
MIDLAND. . . . .	580	507	11 499	5 543	648	712	11 507	5 629	68	205	8	86
MISSAUKEE. . . . .	358	376	9 177	6 084	370	447	9 180	6 114	12	71	3	31
MONROE. . . . .	1 702	1 546	36 393	19 845	1 784	2 000	36 419	20 052	82	454	27	207
MONTCALM. . . . .	1 310	1 189	30 600	15 685	1 398	1 715	30 619	15 887	88	526	18	202
MONTMORENCY. . . . .	108	111	1 574	1 041	112	134	1 576	1 052	4	23	1	10
MUSKOGON. . . . .	465	416	13 097	7 710	519	578	13 110	7 770	54	162	12	60
NEWAYGO. . . . .	823	712	18 018	12 143	904	1 012	18 032	12 268	81	300	14	125
OAKLAND. . . . .	609	514	12 486	8 753	766	863	12 529	8 852	157	349	42	99
OCEANA. . . . .	779	667	18 866	9 419	813	864	18 875	9 495	34	197	8	76
OGEMAW. . . . .	304	288	4 988	3 424	342	369	4 991	3 455	38	81	3	30
ONTONAGON. . . . .	147	162	1 113	971	159	199	1 113	984	12	37	-	13
OSCEOLA. . . . .	554	499	8 439	5 370	604	663	8 453	5 441	50	164	14	70
OSCODA. . . . .	87	81	1 619	849	98	95	1 622	853	11	14	4	4
OTSEGO. . . . .	132	141	1 372	1 189	138	172	1 373	1 199	6	31	1	10
OTTAWA. . . . .	1 616	1 451	52 424	31 634	1 777	1 846	52 464	31 788	161	395	40	153
PRESQUE ISLE. . . . .	388	336	5 341	3 074	411	414	5 345	3 111	23	78	4	37
ROSCOMMON. . . . .	23	26	103	127	27	49	103	138	4	23	(2)	11
SAGINAW. . . . .	2 044	2 044	59 242	24 664	2 114	2 454	59 260	24 825	70	410	18	161
ST CLAIR. . . . .	1 468	1 107	25 990	16 073	1 627	1 662	26 024	16 284	159	555	34	211
ST JOSEPH. . . . .	1 169	1 025	25 683	13 040	1 224	1 380	25 693	13 197	55	355	9	158
SANILAC. . . . .	2 300	2 259	59 994	32 681	2 368	2 787	60 009	32 910	68	528	15	229
SCHOOLCRAFT. . . . .	43	39	392	256	46	54	392	264	3	15	-	8
SHIAWASSEE. . . . .	1 476	1 272	29 015	14 712	1 557	1 710	29 037	14 896	81	438	23	184
TUSCOLA. . . . .	1 798	1 804	64 484	26 085	1 887	2 208	64 515	26 266	89	404	31	181
VAN BUREN. . . . .	1 700	1 465	37 336	23 656	1 814	1 988	37 363	23 877	114	523	27	221
WASHTENAW. . . . .	1 327	1 263	28 378	18 294	1 471	1 699	28 414	18 439	144	436	36	145
WAYNE. . . . .	441	399	9 424	5 786	509	597	9 441	5 865	68	198	17	79
WEXFORD. . . . .	232	227	2 789	1 944	252	327	2 792	1 972	20	100	3	28

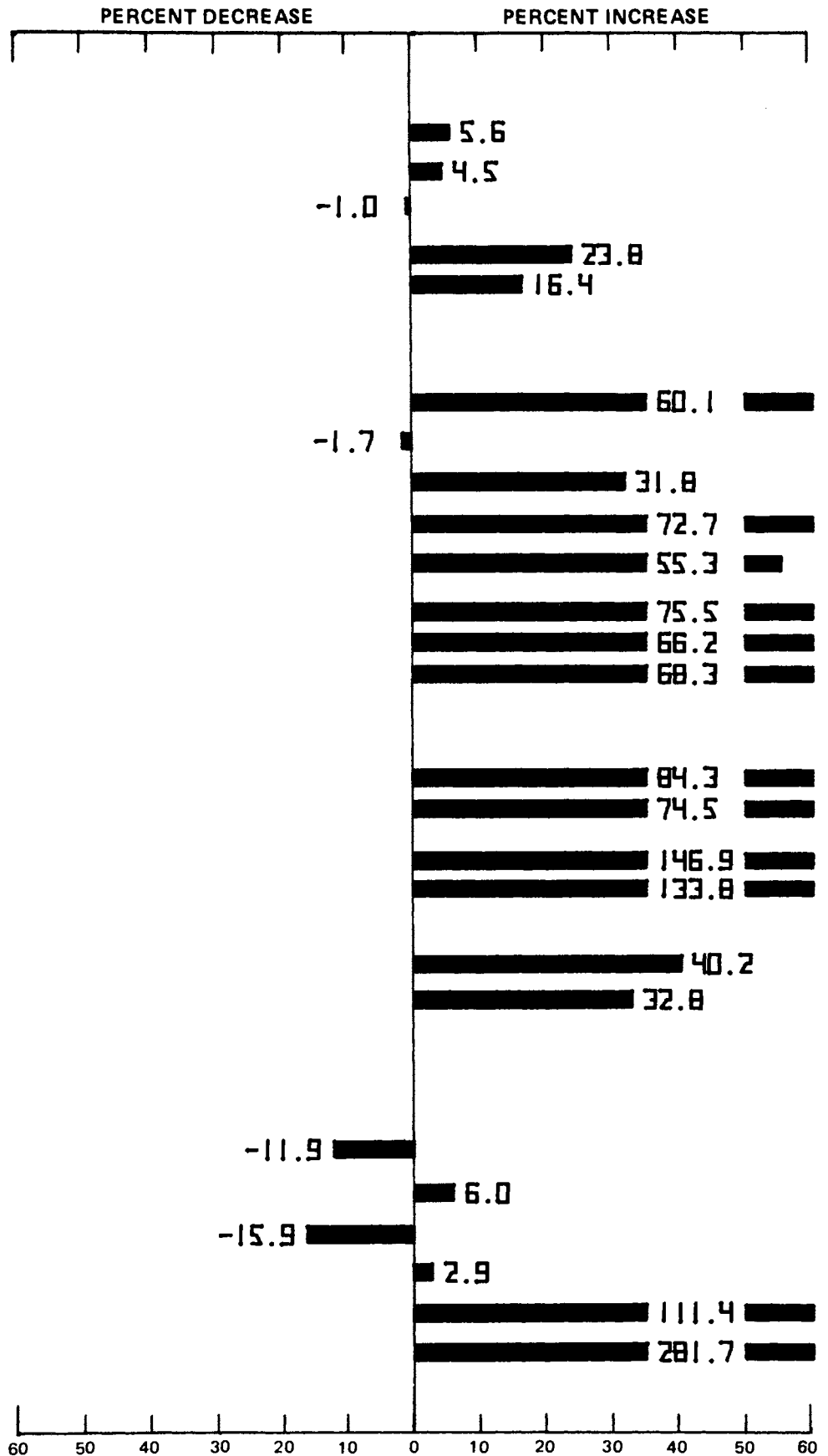
# HIGHLIGHTS of the State's Agriculture: 1974 and 1969

	All Farms		Farms with sales of \$2,500 and over	
	1974	1969 <sup>1</sup>	1974	1969
Number of farms . . . . . total . .	64 094	77 946	46 647	44 175
Acres in farms . . . . . total . .	10 832 234	11 900 689	9 549 692	9 142 760
per farm . .	169	153	205	207
Acres of harvested cropland . . . . . total . .	6 317 638	5 501 729	5 993 074	4 839 384
per farm . .	99	71	128	110
Number of farms by size:				
1 to 49 acres . . . . .	14 021	16 285	5 842	3 649
50 to 499 acres . . . . .	46 645	59 085	37 429	38 058
500 acres and over . . . . .	3 428	2 576	3 376	2 468
1,000 acres and over . . . . .	548	328	539	316
Value of land and buildings . . . . . total . .	5 988 653 000	3 883 355 000	5 269 130 000	3 003 129 000
per farm . .	93 435	49 821	112 958	67 983
Value of machinery and equipment on farms . . . . . total . .	1 313 311 000	715 931 000	1 170 064 000	584 861 000
per farm . .	20 490	9 185	25 083	13 240
Machinery and equipment on farms—specified items (number):				
Automobiles . . . . .	68 517	85 287	52 362	51 250
Motortrucks, including pickups . . . . .	73 597	74 605	59 980	52 690
Tractors, excluding garden tractors and motor tillers . . . . .	143 569	152 741	119 614	108 517
Value of all agricultural products sold . . . . . total . .	1 491 439 000	829 451 000	1 467 705 000	796 496 000
per farm . .	23 270	10 641	31 464	18 030
Crops . . . . . total . .	828 866 000	349 704 000	814 714 000	330 016 000
per farm . .	12 932	4 486	17 466	7 471
Livestock, poultry, and their products . . . . . total . .	657 721 000	475 210 000	648 310 000	462 296 000
per farm . .	10 262	6 097	13 898	10 465
Number of farms, excluding abnormal farms, by value of agricultural product sold:				
Under \$2,500 . . . . .	18 360	34 817	937	1 064
\$2,500 and over . . . . .	45 710	43 111	45 710	43 111
\$2,500 to \$9,999 . . . . .	18 832	22 395	18 832	22 395
\$10,000 to \$39,999 . . . . .	17 221	16 741	17 221	16 741
\$40,000 to \$99,999 . . . . .	6 848	3 239	6 848	3 239
\$100,000 to \$199,999 . . . . .	2 028	558	2 028	558
\$200,000 and over . . . . .	781	178	781	178
Value of agricultural products sold by farms, excluding abnormal farms, having sales of—				
Under \$2,500 . . . . .	21 983 000	32 236 000	1 377 000	1 348 000
\$2,500 and over . . . . .	1 466 328 000	795 148 000	1 466 328 000	795 148 000
\$2,500 to \$9,999 . . . . .	105 734 000	119 182 000	105 734 000	119 182 000
\$10,000 to \$39,999 . . . . .	356 190 000	340 573 000	356 190 000	340 573 000
\$40,000 to \$99,999 . . . . .	420 768 000	190 152 000	420 768 000	190 152 000
\$100,000 to \$199,999 . . . . .	273 426 000	145 241 000	273 426 000	145 241 000
\$200,000 and over . . . . .	310 210 000			
Farm production expenses—specified items:				
Commercially mixed formula feeds . . . . .	98 139 000	50 200 000	96 305 000	48 658 000
Commercial fertilizer . . . . .	131 619 000	53 169 000	128 788 000	49 671 000
Gasoline and other petroleum fuel and oil for the farm business . . . . .	67 528 000	39 971 000	63 722 000	34 472 000
Farm labor, contract labor, machine hire and customwork . . . . .	117 731 000	92 117 000	115 033 000	87 710 000

<sup>1</sup> Not fully comparable because of change in farm definition; see introduction.

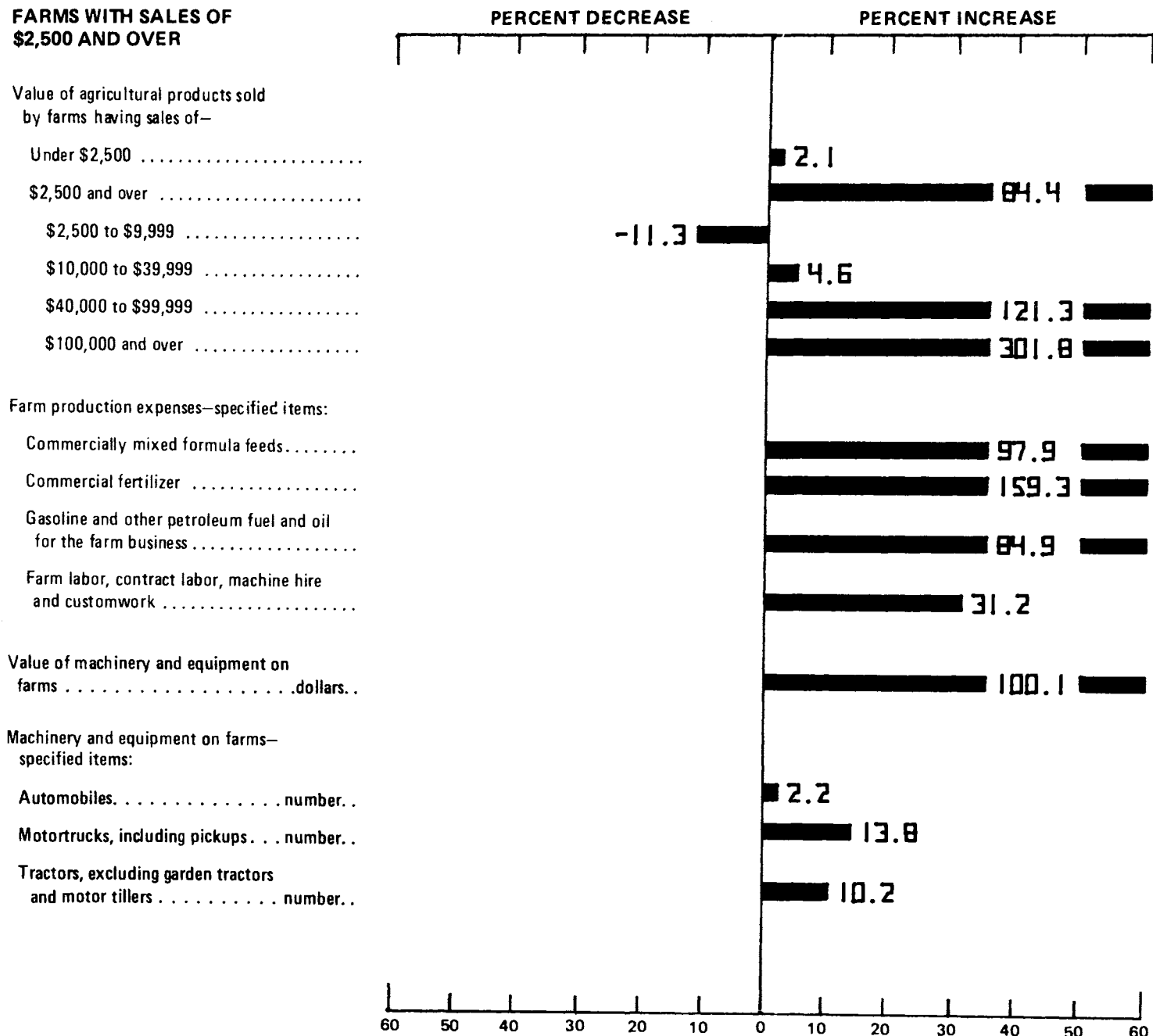
**CHART 1. Changes in the State's Agriculture: 1974 From 1969**

**FARMS WITH SALES OF \$2,500 AND OVER**



# CHART 1. Changes in the State's Agriculture: 1974 From 1969—Continued

## FARMS WITH SALES OF \$2,500 AND OVER

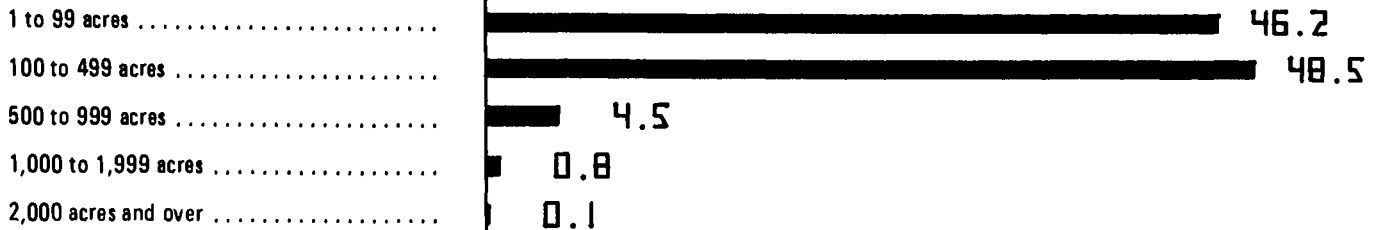


## CHART 2. Profile of the State's Agriculture: 1974

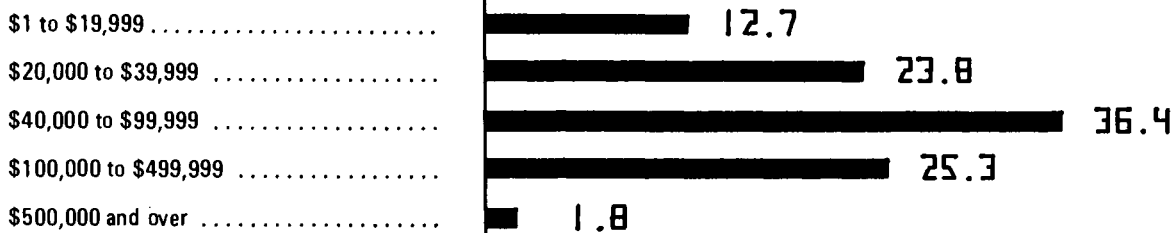
### ALL FARMS

### PERCENT OF TOTAL FARMS

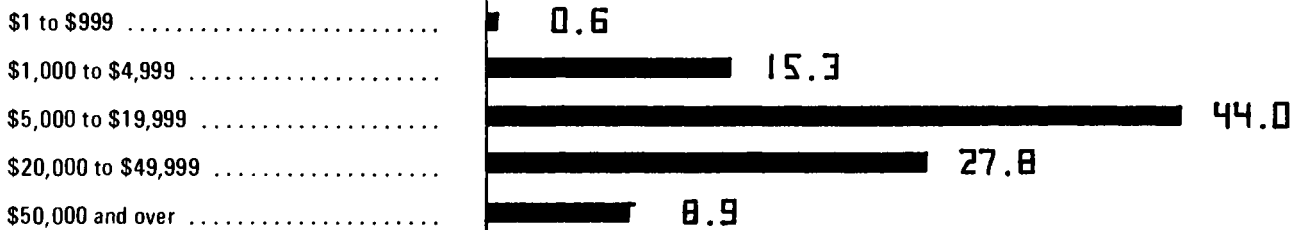
#### Farms by size:



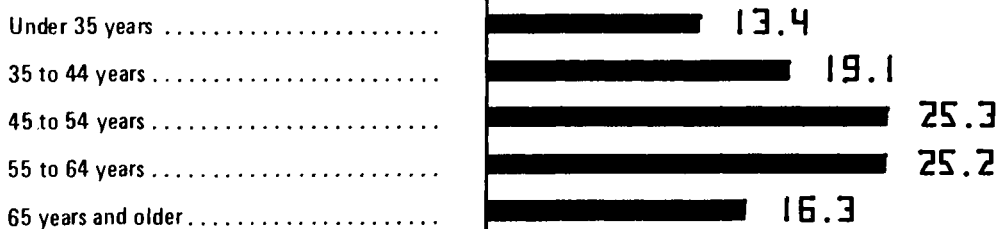
#### Farms by value of land and buildings:



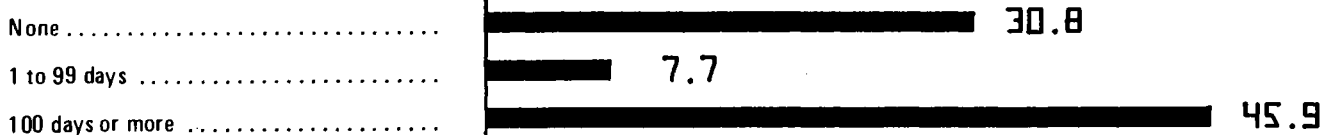
#### Farms by value of machinery and equipment:



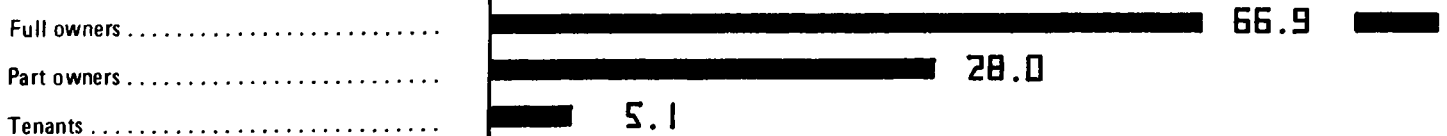
#### Farm operators by age:<sup>1</sup>



#### Farm operators working off farm:<sup>1</sup>



#### Farm operators by tenure:



<sup>1</sup> Data apply only to individual or family operations (sole proprietorships) and partnerships.

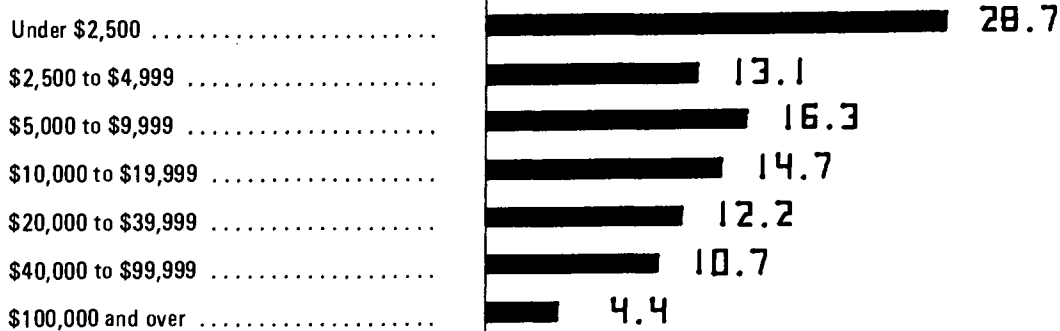


## CHART 2. Profile of the State's Agriculture: 1974—Continued

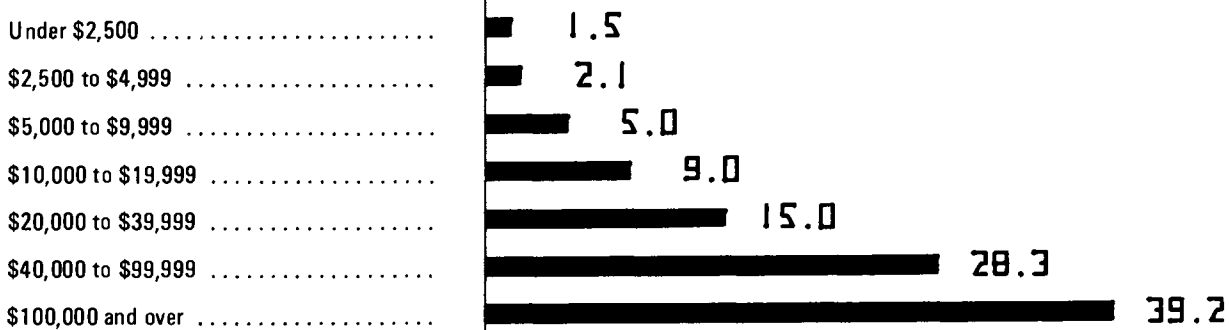
### ALL FARMS

PERCENT OF TOTAL FARMS

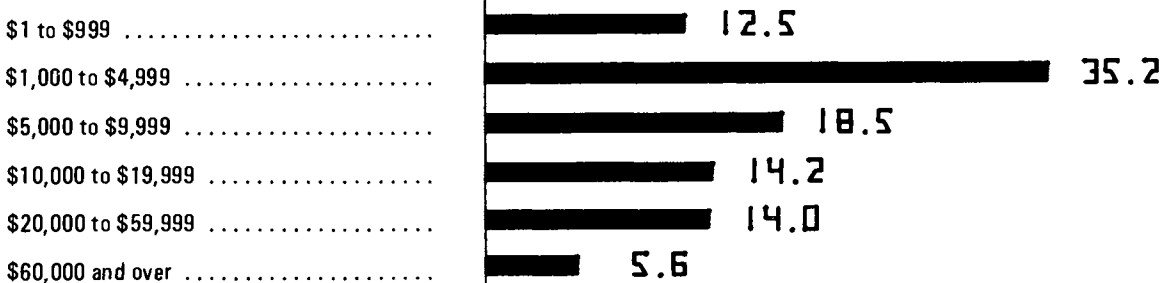
#### Farms by value of agricultural products sold:



#### Value of agricultural products sold by farms having sales of—



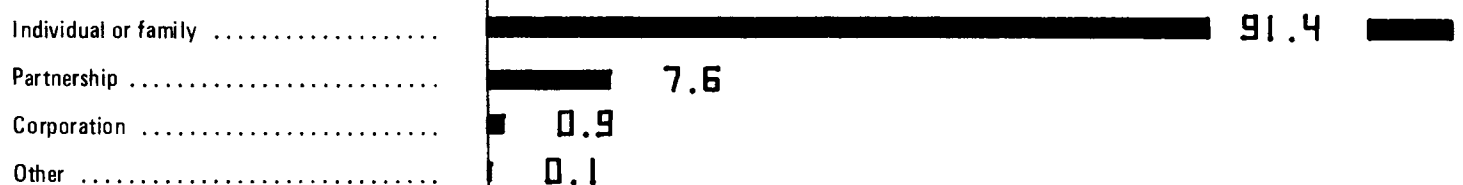
#### Farms by amount of total production expenses:



#### Sources of farm income:

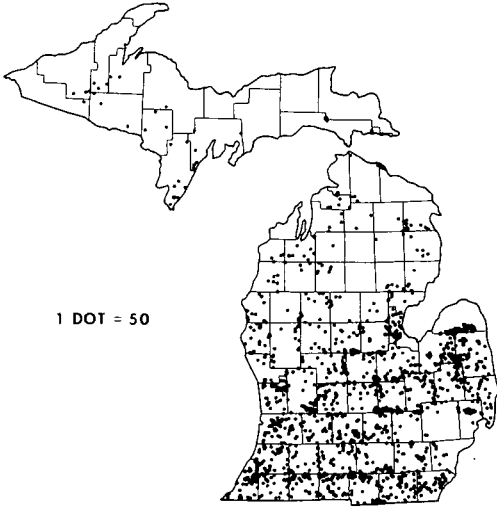


#### Type of organization for farms with sales of \$2,500 and over:



<sup>1</sup> Includes forest products sold, and income from customwork and other agricultural services, recreational services, participation in government farm programs, rental of farm property, and other miscellaneous sources closely related to the agricultural operation.

**NUMBER OF FARMS: 1974**

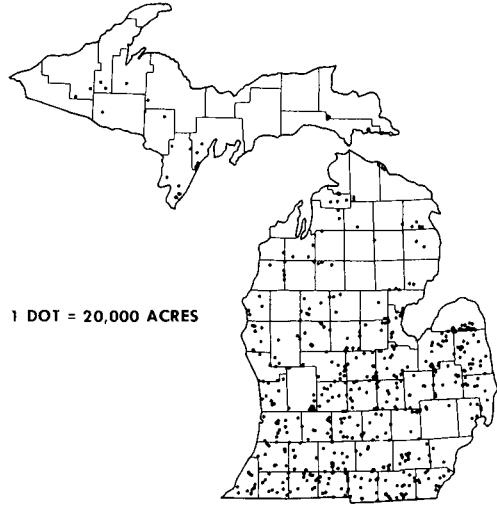


1 DOT = 50

U.S. Department of Commerce  
Bureau of the Census

74 - 1MI

**LAND IN FARMS: 1974**

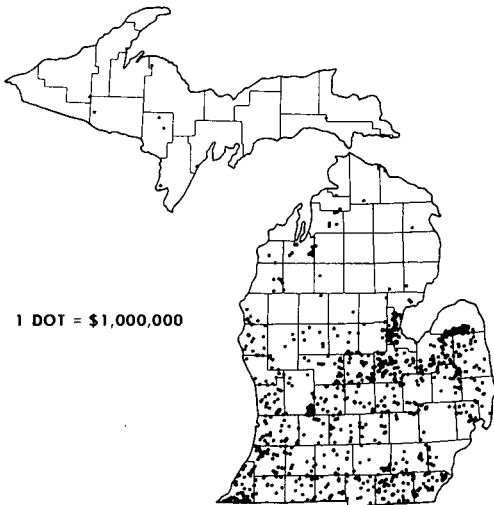


1 DOT = 20,000 ACRES

U.S. Department of Commerce  
Bureau of the Census

74 - 2MI

**VALUE OF CROPS SOLD: 1974**

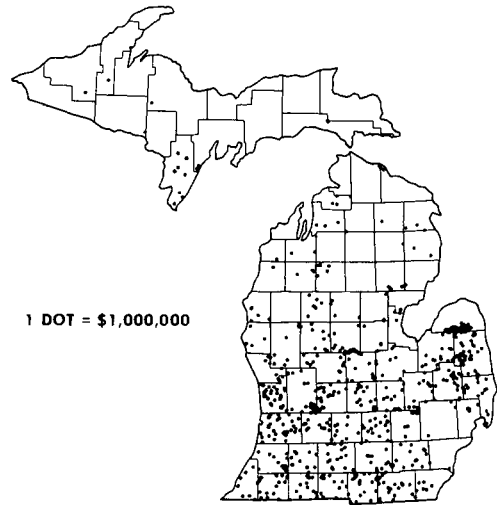


1 DOT = \$1,000,000

U.S. Department of Commerce  
Bureau of the Census

74 - 3MI

**VALUE OF LIVESTOCK, POULTRY,  
AND THEIR PRODUCTS SOLD: 1974**

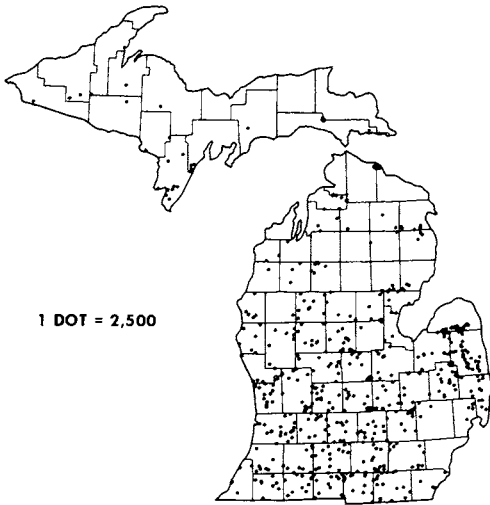


1 DOT = \$1,000,000

U.S. Department of Commerce  
Bureau of the Census

74 - 4MI

**CATTLE AND CALVES: 1974**

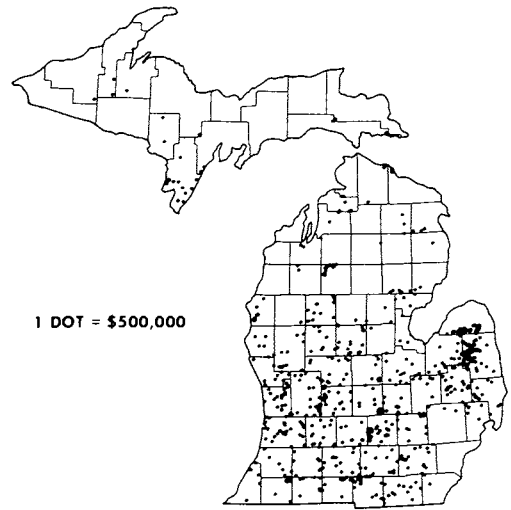


1 DOT = 2,500

74 - 5MI

U.S. Department of Commerce  
Bureau of the Census

**VALUE OF DAIRY PRODUCTS SOLD: 1974  
(FARMS WITH SALES OF \$2,500 AND OVER)**

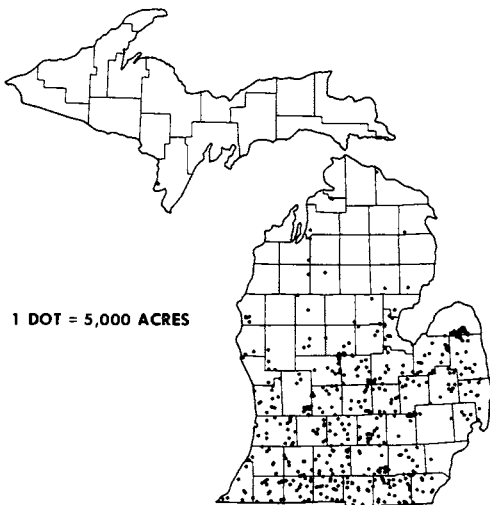


1 DOT = \$500,000

74 - 6MI

U.S. Department of Commerce  
Bureau of the Census

**CORN HARVESTED FOR ALL PURPOSES: 1974**

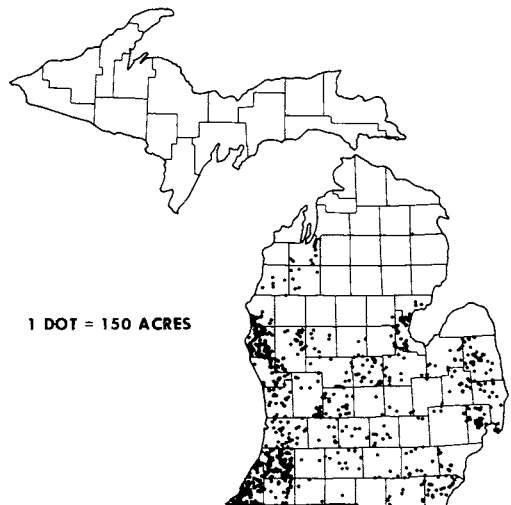


1 DOT = 5,000 ACRES

74 - 8MI

U.S. Department of Commerce  
Bureau of the Census

**VEGETABLES, SWEET CORN, AND MELONS  
HARVESTED FOR SALE: 1974**



1 DOT = 150 ACRES

74 - 12MI

U.S. Department of Commerce  
Bureau of the Census

