

# 1974 Census of Agriculture

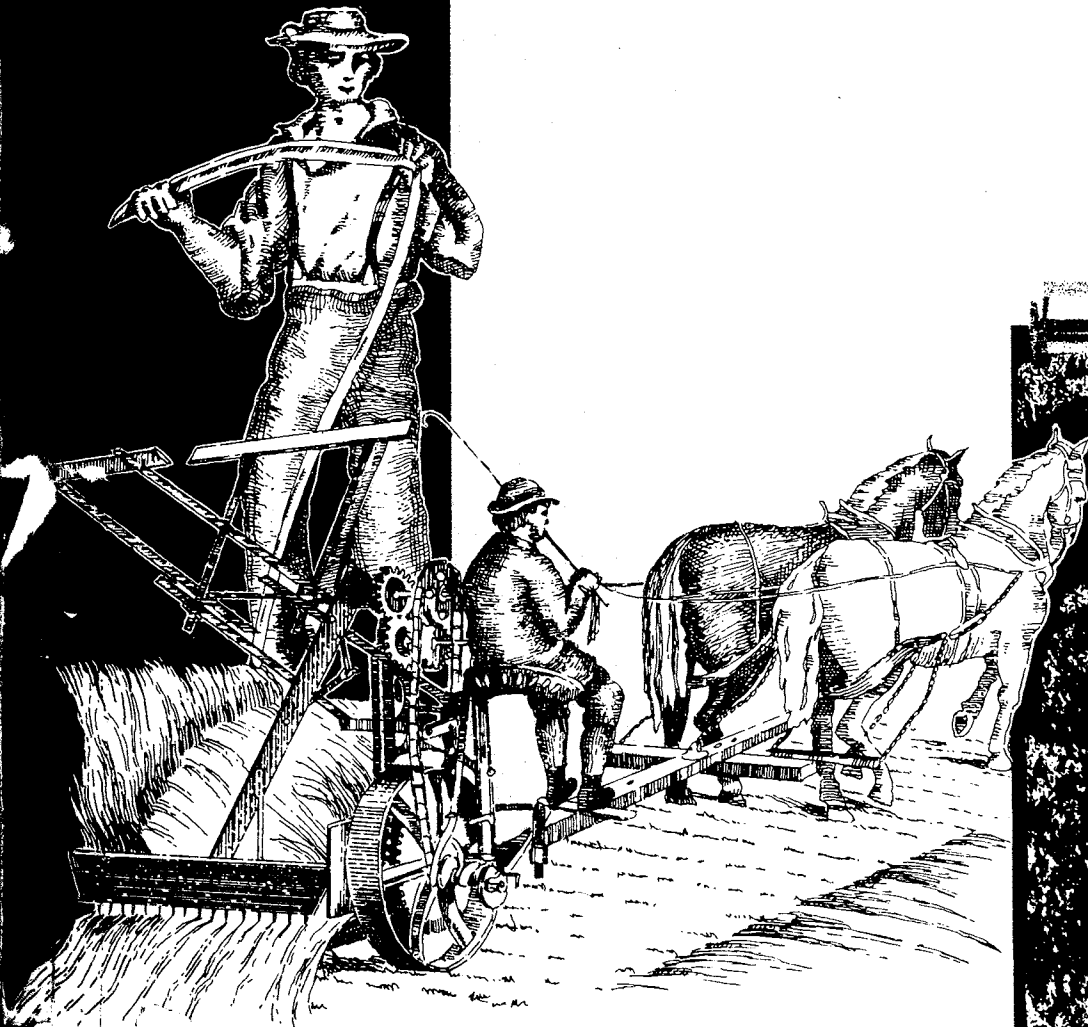
Volume I Part 38

# Pennsylvania State and County Data

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BUREAU OF THE CENSUS

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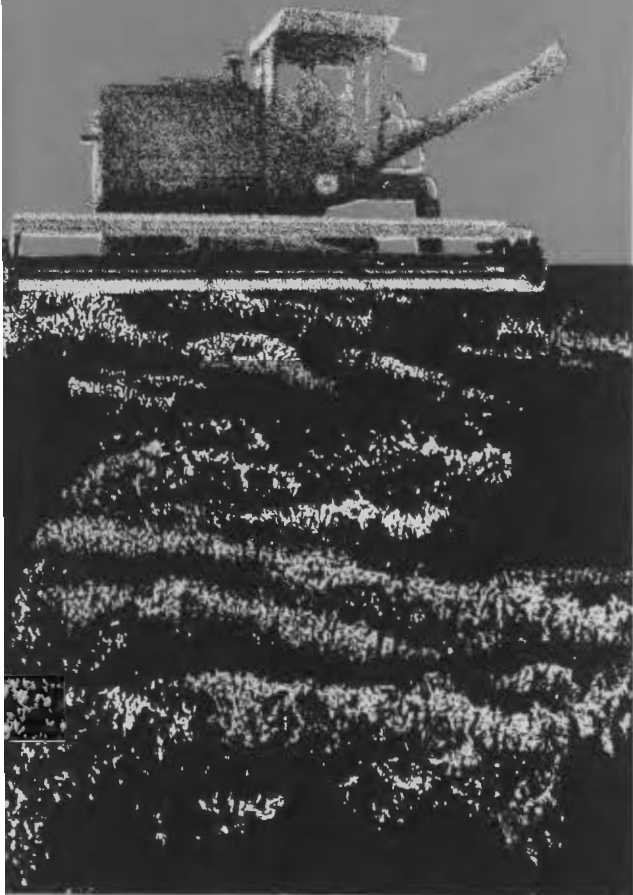


1974  
Census  
of  
Agriculture

Volume I Part 38

# Pennsylvania

## State and County Data



Issued April 1977



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

BUREAU OF THE CENSUS  
Robert L. Hagan, Acting Director

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**ACKNOWLEDGMENTS**—Many persons participated in the various activities of the 1974 Census of Agriculture. Primary direction was by Shirley Kallek, Associate Director for Economic Fields. Her predecessor, James W. Turbitt, now Associate Director for Administration and Field Operations, directed the early stages of planning for the census.

This report was prepared in the Agriculture Division under the general supervision of J. Thomas Breen, Chief (to February 1976), and Orvin L. Wilhite, his successor. Arnold L. Bollenbacher, assisted by Thomas D. Monroe, Donald R. Jahnke, John A. Blackledge, William A. Harlan, and John C. Womack, was directly responsible for review and analysis of the data and for clerical and computer edit and tabulation specifications. Kenneth R. Norell, assisted by Albert W. Graybill, coordinated the organization and content of the publication tables. Robert S. Taylor, assisted by John E. Adkins, Stephen M. Schobel, Loyd C. Brown, Jack H. Margolis, Edward J. James, and William R. Adams, was directly responsible for the operational aspects of data collection, processing, and tabulation, including preparation of control systems, clerical procedures, and computer programs. Janet W. Hall provided editorial services and coded the Linotron table formats of this report for publication via the Linotron computer system. J. Jack Ingram (to September 1974) and Charles E. Rogers, his successor, assisted by Darrell D. Prochaska and Harold V. Edwards, were directly responsible for mailing list acquisition and unduplication, design of sampling procedures for data collection, monitoring of processing, and evaluation of coverage. J. Thomas Miller, Consultant, assisted in the design and content of the data collection forms and followup letters, specifications for publication tables, and preparation of text. O. Bryant Benton, Chief, Data Preparation Division, Jeffersonville, Indiana (to March 1976), and Don L. Adams, his successor, assisted by Robert L. Allen, Rebecca Nesbit, and Darrell L. Farabee, were directly responsible for clerical and data-encoding operations.

The computer processing facilities used were under the general supervision of James R. Pepal, Chief, Computer Services Division (to May 1976), and Thomas C. DiNenna, his successor.

Forms design was accomplished under the general supervision of Cecil B. Matthews, Chief, Administrative Services Division (to September 1975), and Henry J. Husmann, his successor, assisted by Gladys S. Potts and Cathern S. Kline.

Within the Publications Services Division, many individuals made significant contributions in the areas of publication planning and design, editorial review, composition, and printing procurement.

Important contributions were made by the members of the Census Advisory Committee on Agriculture Statistics in establishing data needs and priorities for collection and publication of the information. Other representatives of both public and private organizations also made significant recommendations and suggestions.

Members of various agencies of the U.S. Department of Agriculture provided advice and counsel during the planning, data collecting, and processing phases of the census and assisted farmers and ranchers who requested help in completing the report form.

The press, farm magazines, and radio and television stations, were most helpful in publicizing the census and encouraging cooperation of farm and ranch operators. Dean L. Quirin, Agriculture Division, and Dorothy W. Whitson, Public Information Office, were primarily responsible for developing and coordinating the public relations program.

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

#### Library of Congress Cataloging in Publication Data

United States. Bureau of the Census.  
1974 census of agriculture.

CONTENTS: v. 1. State reports. v.—v.2. Statistics by subject. v.—v. 3. Agricultural services. v.—v. 4. Special reports. v.

1. Agriculture—Economic aspects—United States—Statistics—Collected works. I. Title. II. Title: Census of agriculture.

HD1753 1974.B87 1977 338.1'0973

76-608387

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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.

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**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

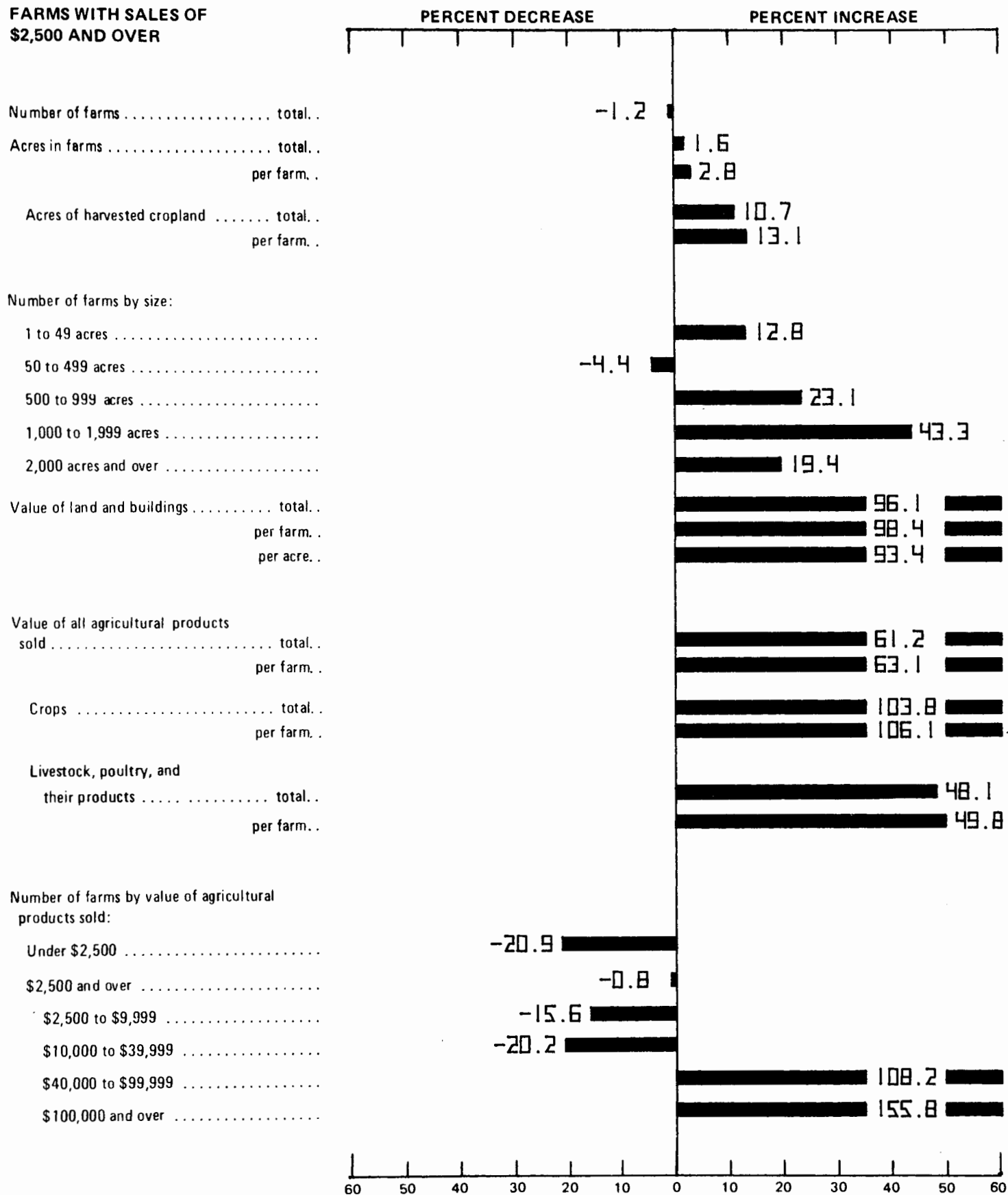
FAIR AND VALUE OF PRODUCTS SOLD BY 1974 AND 1959 DEFINITIONS, WITH COMPARABLE DATA FOR AGRICULTURAL OPERATIONS EXCLUDED BY 1974 DEFINITION: 1974 AND 1969

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
PENNSYLVANIA, TOTAL. . . . .	53 171	48 077	1 503 295	939 736	56 586	62 824	1 504 054	945 427	3 415	14 747	758	5 692
ADAMS . . . . .	1 202	1 128	48 602	28 364	1 294	1 437	48 625	28 489	92	309	23	125
ALLEGHENY . . . . .	397	310	8 463	7 035	441	449	8 474	7 087	44	139	11	51
ARMSTRONG . . . . .	787	652	21 145	6 647	823	953	21 151	6 774	36	301	6	127
BEAVER . . . . .	503	407	5 545	3 949	550	594	5 556	4 020	47	187	10	71
BEDFORD . . . . .	1 013	926	21 137	13 041	1 066	1 247	21 146	13 175	53	321	9	134
BERKS . . . . .	1 934	1 743	74 472	43 252	2 050	2 188	74 499	43 410	116	445	27	158
BLAIR . . . . .	514	447	15 913	10 433	535	542	15 919	10 472	21	95	6	39
BRADFORD . . . . .	1 504	1 477	42 009	26 796	1 565	1 795	42 022	26 912	61	318	13	116
BUCKS . . . . .	882	854	37 123	20 443	987	1 159	37 143	20 548	105	305	20	105
BUTLER . . . . .	1 174	1 000	23 235	23 202	1 278	1 387	23 260	23 350	104	387	25	148
CAMBRIA . . . . .	533	406	10 373	7 652	582	647	10 380	7 744	49	241	7	92
CAMERON . . . . .	19	10	135	85	26	28	135	88	7	18	(2)	3
CARBON . . . . .	173	128	2 153	1 472	189	222	2 154	1 503	16	94	1	31
CENTRE . . . . .	746	632	18 026	12 281	773	774	18 033	12 332	27	142	7	51
CHESTER . . . . .	1 649	1 642	94 495	59 682	1 783	2 016	94 523	59 809	134	374	28	127
CLARION . . . . .	594	512	7 608	5 306	640	732	7 619	5 392	46	220	11	86
CLEARFIELD . . . . .	451	293	5 585	3 914	494	474	5 592	3 980	43	181	7	66
CLINTON . . . . .	263	227	5 267	4 290	292	302	5 268	4 324	29	75	1	33
COLUMBIA . . . . .	901	738	17 393	12 183	960	1 037	17 408	12 296	59	299	15	112
CRAWFORD . . . . .	1 402	1 184	24 457	16 260	1 541	1 636	24 487	16 435	139	452	31	174
CUMBERLAND . . . . .	1 100	1 048	31 374	19 823	1 142	1 314	31 384	19 937	42	266	10	114
DAUPHIN . . . . .	709	664	20 524	16 180	781	933	20 542	16 270	72	269	18	90
DELAWARE . . . . .	113	80	6 522	3 537	130	112	6 532	3 545	17	32	10	8
ELK . . . . .	100	83	2 570	1 021	104	116	2 570	1 031	4	33	(2)	9
ERIE . . . . .	1 494	1 352	36 636	22 569	1 587	1 733	36 660	22 724	93	381	25	155
FAYETTE . . . . .	731	595	8 028	6 002	779	908	8 040	6 123	48	313	13	121
FOREST . . . . .	44	32	387	293	47	36	388	297	3	4	1	4
FRANKLIN . . . . .	1 511	1 396	57 715	33 927	1 593	1 643	57 735	34 034	82	247	21	108
FULTON . . . . .	478	388	6 806	4 523	508	563	6 811	4 588	30	175	5	65
GREENE . . . . .	749	609	4 472	3 754	810	1 048	4 481	3 938	61	439	9	184
HUNTINGDON . . . . .	608	521	13 531	8 703	640	684	13 536	8 764	32	163	5	60
INDIANA . . . . .	960	807	19 528	12 578	1 003	1 179	19 533	12 735	43	372	5	157
JEFFERSON . . . . .	544	436	7 404	5 330	601	672	7 411	5 419	57	236	6	89
JUNIATA . . . . .	632	528	16 616	8 678	661	675	16 625	8 736	29	147	9	58
LACKAWANNA . . . . .	347	336	6 811	5 749	359	396	6 815	5 775	12	60	4	26
LANCASTER . . . . .	4 588	4 831	251 706	152 365	4 736	5 323	251 751	152 564	148	492	45	199
LAWRENCE . . . . .	717	605	10 909	7 695	762	856	10 917	7 808	46	251	8	113
LEBANON . . . . .	928	870	36 135	23 218	981	992	36 149	23 272	53	122	14	54
LEHIGH . . . . .	635	598	24 828	13 744	685	799	24 840	13 828	50	201	12	84
LUZERNE . . . . .	482	447	9 134	5 812	530	607	9 146	5 869	48	160	12	57
LYCOMING . . . . .	967	833	17 005	9 821	1 015	1 086	17 012	9 923	48	253	7	102
MCKEAN . . . . .	215	174	2 928	2 138	246	277	2 935	2 177	31	103	7	40
MERCER . . . . .	1 326	1 091	19 934	12 264	1 438	1 652	19 956	12 475	112	561	23	210
MIFFLIN . . . . .	627	532	20 802	10 328	658	635	20 812	10 370	31	103	10	43
MONROE . . . . .	172	143	3 640	3 169	193	231	3 647	3 199	21	88	7	30
MONTGOMERY . . . . .	727	657	22 918	15 509	786	917	22 931	15 594	59	260	13	85
MONTOUR . . . . .	317	250	5 480	2 995	350	343	5 489	3 037	33	93	9	42
NORTHAMPTON . . . . .	611	600	22 794	13 329	673	805	22 811	13 387	62	205	17	59
NORTHUMBERLAND . . . . .	872	767	22 046	12 412	916	982	22 056	12 499	44	215	10	87
PERRY . . . . .	767	593	17 261	8 777	828	835	17 267	8 869	61	242	6	92
PHILADELPHIA . . . . .	12	13	745	179	13	18	745	180	1	5	-	1
PIKE . . . . .	37	42	816	580	43	58	818	587	6	16	2	7
POTTER . . . . .	336	350	9 227	6 340	349	441	9 230	6 374	13	91	3	33
SCHUYLKILL . . . . .	758	639	25 268	11 937	793	834	25 272	12 017	35	195	5	80
SNYDER . . . . .	760	615	19 643	10 367	797	763	19 650	10 428	37	148	8	61
SOMERSET . . . . .	1 074	1 061	26 692	18 509	1 125	1 338	26 701	18 624	51	277	9	114
SULLIVAN . . . . .	171	177	3 242	2 578	179	234	3 245	2 611	8	57	3	33
SUSQUEHANNA . . . . .	955	982	26 878	18 505	1 002	1 158	26 884	18 570	47	176	6	65
TIOGA . . . . .	900	920	23 802	16 426	938	1 117	23 810	16 494	38	197	8	68
UNION . . . . .	489	437	13 915	8 124	516	513	13 919	8 156	27	76	4	31
VENANGO . . . . .	402	276	3 970	3 221	425	489	3 975	3 297	23	213	5	76
WARREN . . . . .	366	320	8 911	5 297	385	419	8 917	5 338	19	99	6	41
WASHINGTON . . . . .	1 358	1 245	16 445	12 012	1 450	1 669	16 462	12 190	92	424	18	178
WAYNE . . . . .	783	799	20 109	15 614	815	919	20 115	15 660	32	120	5	46
WESTMORELAND . . . . .	1 250	1 029	19 675	12 579	1 315	1 466	19 691	12 733	65	437	16	154
WYOMING . . . . .	418	348	11 315	6 904	445	439	11 320	6 940	27	91	5	35
YORK . . . . .	2 390	2 242	63 063	38 029	2 585	2 978	63 121	38 305	195	736	58	275



# 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

Value of agricultural products sold by farms having sales of—

- Under \$2,500 .....
- \$2,500 and over .....
- \$2,500 to \$9,999 .....
- \$10,000 to \$39,999 .....
- \$40,000 to \$99,999 .....
- \$100,000 and over .....

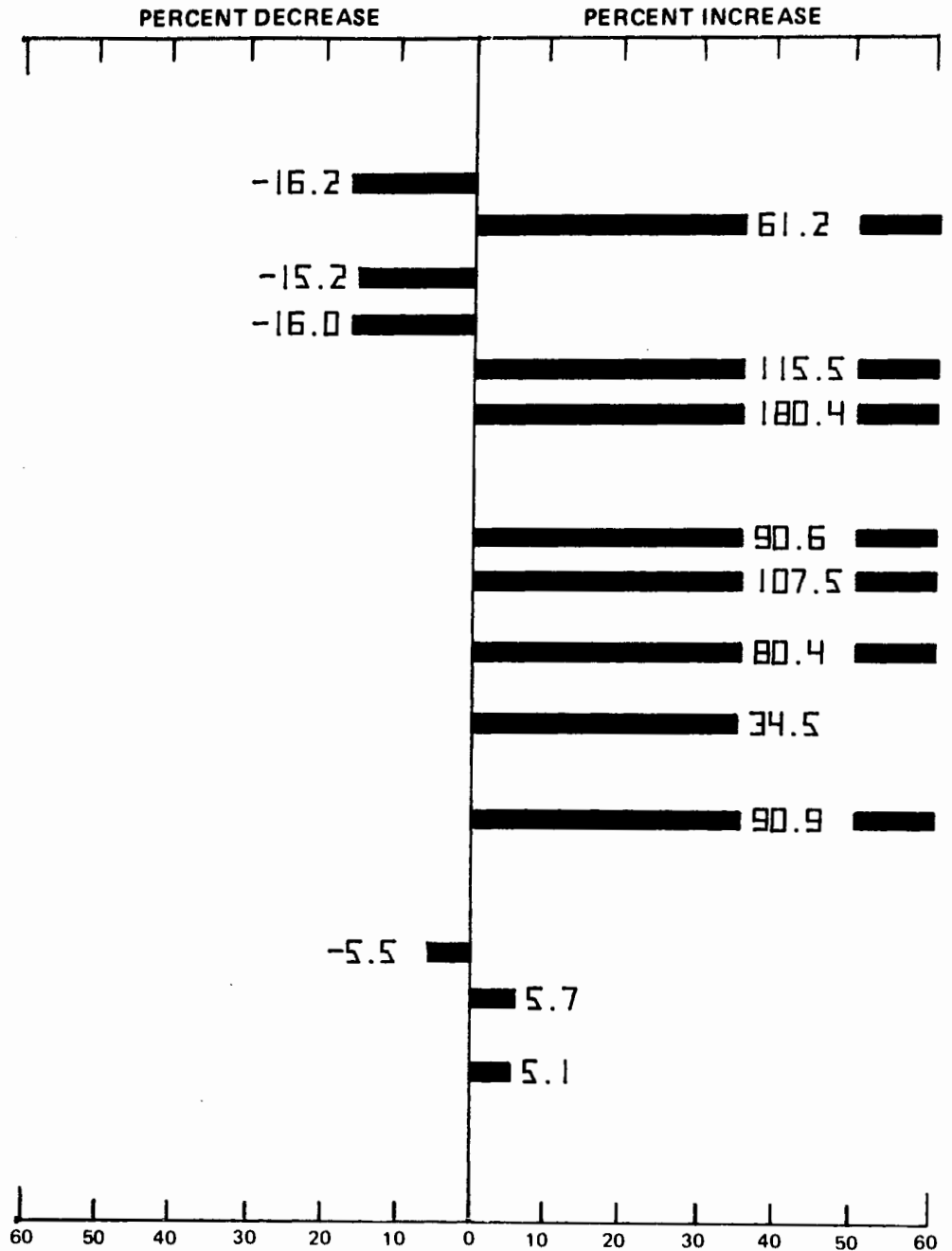
Farm production expenses—specified items:

- Commercially mixed formula feeds .....
- Commercial fertilizer .....
- Gasoline and other petroleum fuel and oil for the farm business .....
- Farm labor, contract labor, machine hire and customwork .....

Value of machinery and equipment on farms .....

Machinery and equipment on farms—specified items:

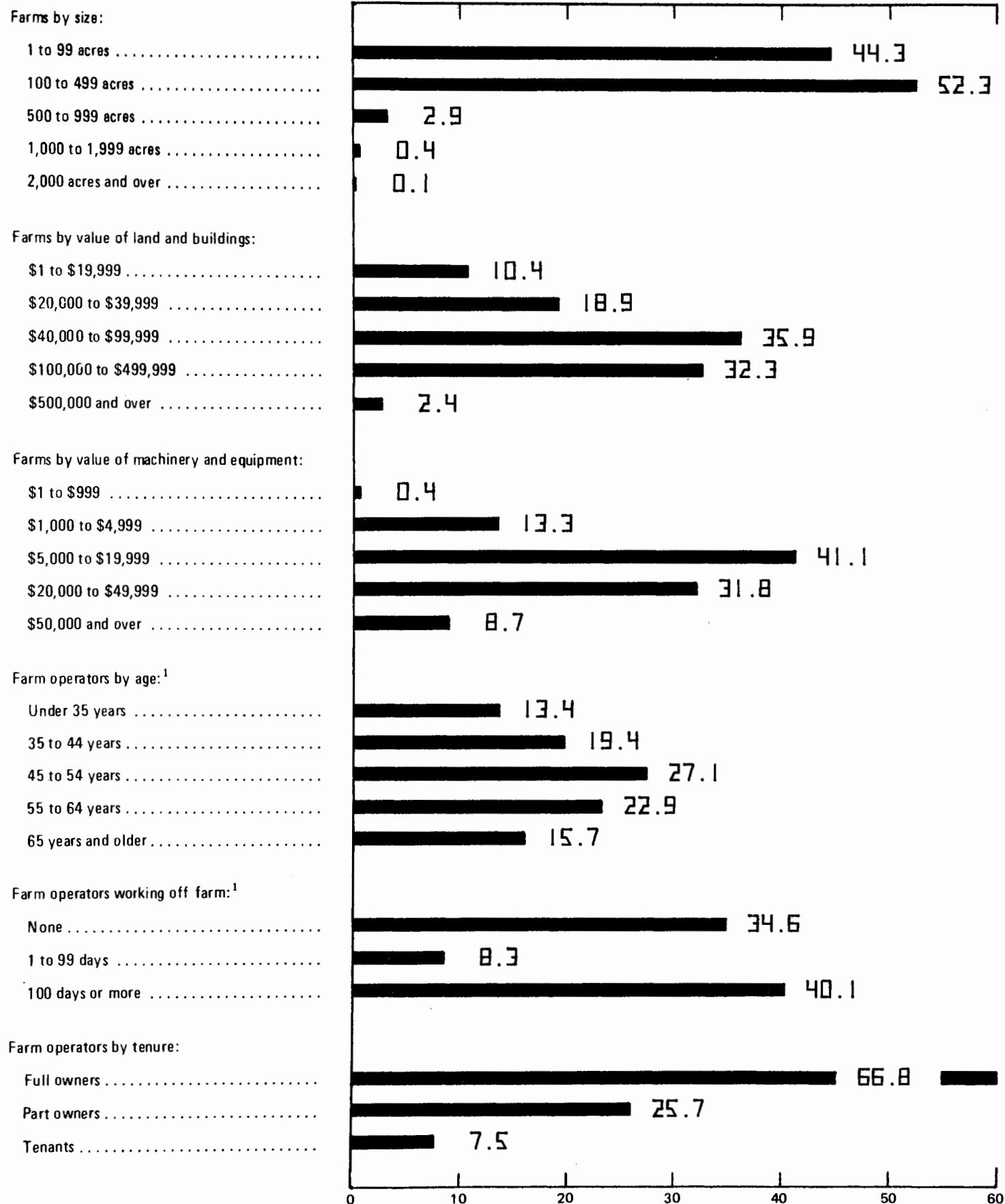
- Automobiles. . . . . number. .
- Motortrucks, including pickups. . . number. .
- Tractors, excluding garden tractors and motor tillers . . . . . number. .



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

### ALL FARMS

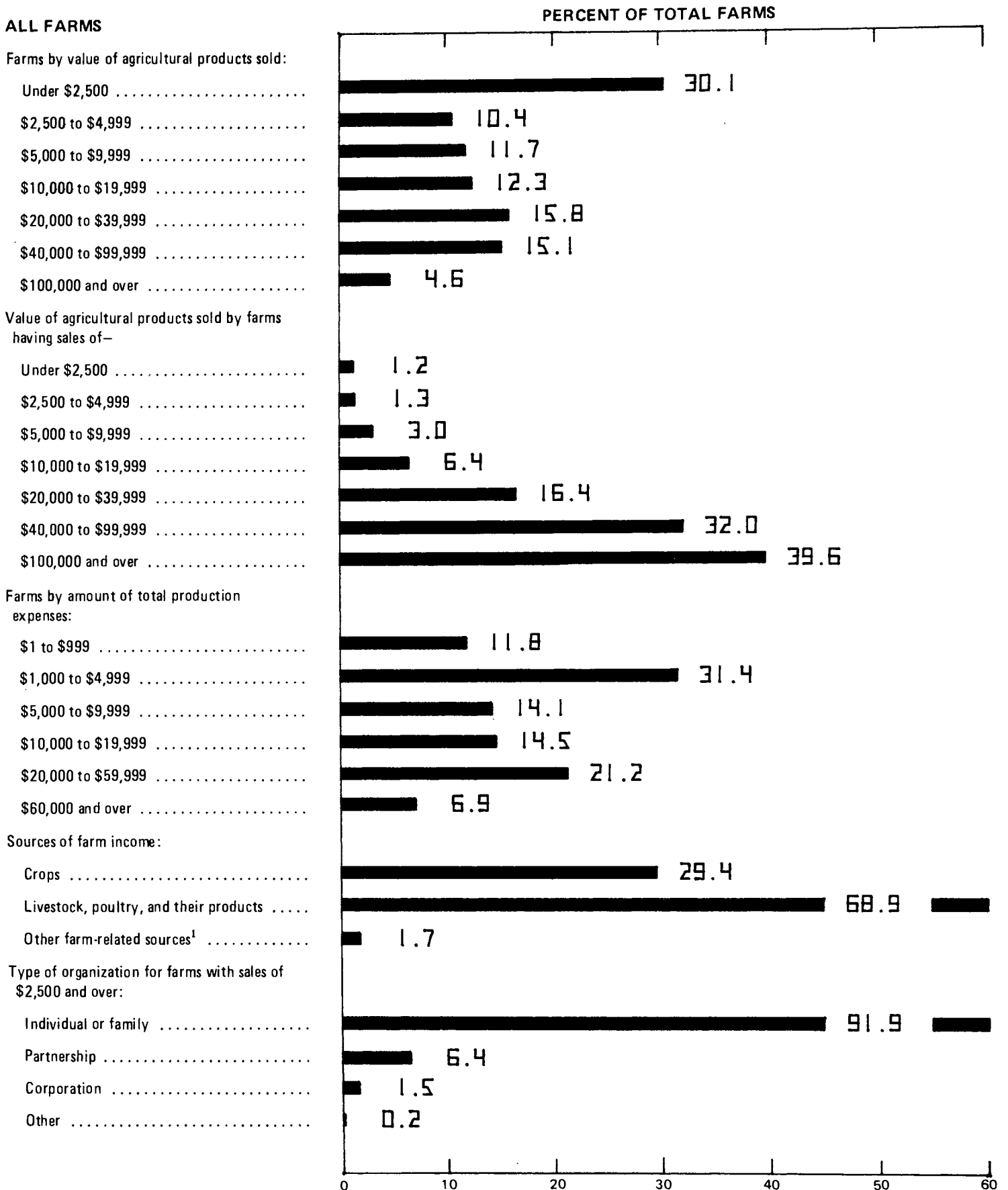
### PERCENT OF TOTAL FARMS



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

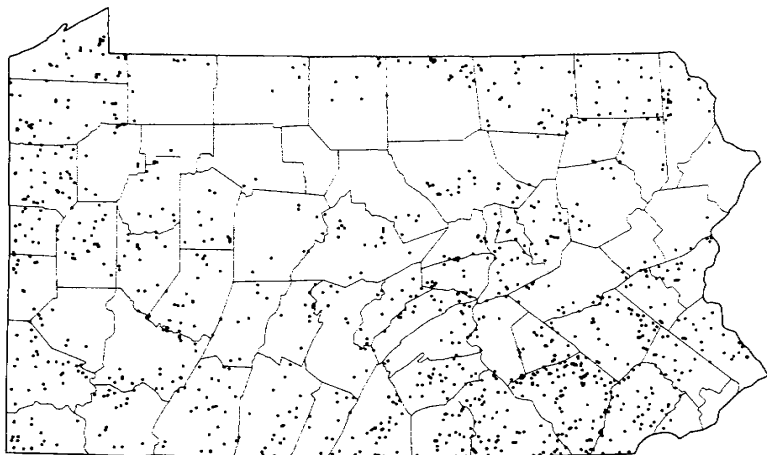


## CHART 2. Profile of the State's Agriculture: 1974—Continued



<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**

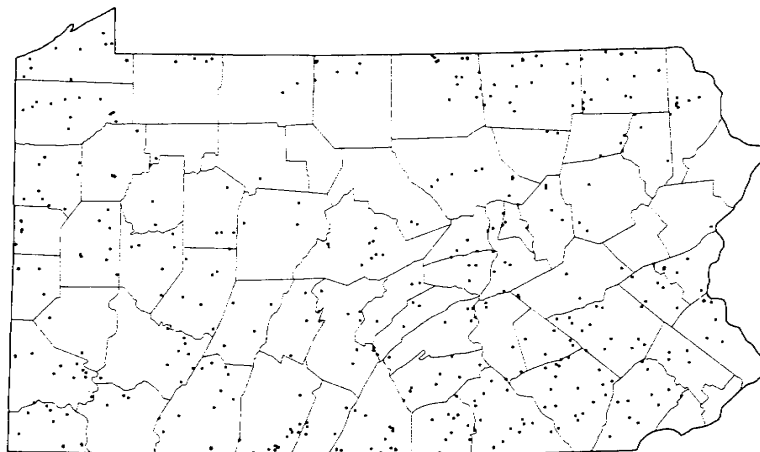


1 DOT = 50

74 - 1PA

U.S. Department of Commerce  
Bureau of the Census

**LAND IN FARMS: 1974**

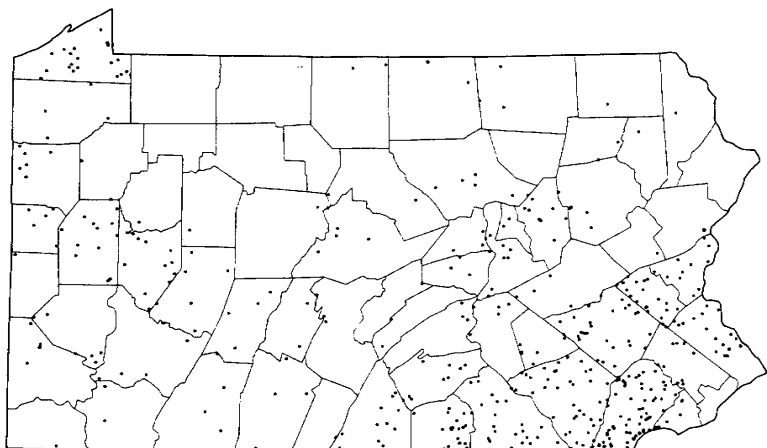


1 DOT = 20,000 ACRES

74 - 2PA

U.S. Department of Commerce  
Bureau of the Census

**VALUE OF CROPS SOLD: 1974**

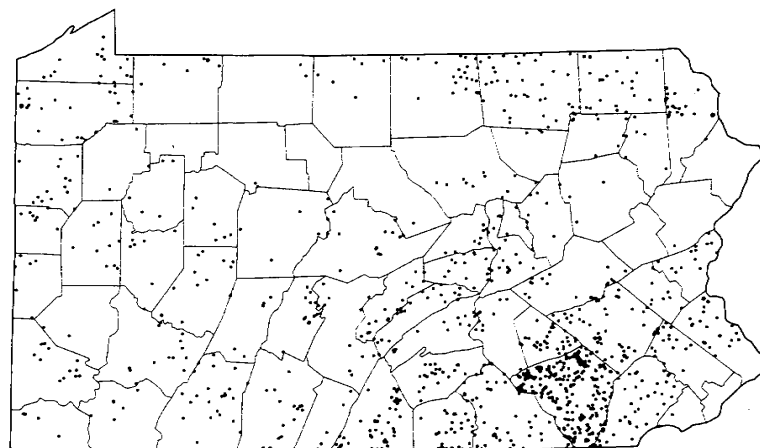


1 DOT = \$1,000,000

74 - 3PA

U.S. Department of Commerce  
Bureau of the Census

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

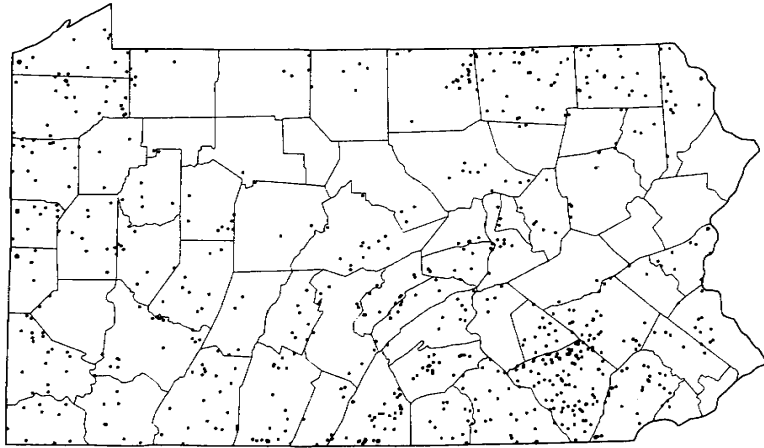


1 DOT = \$1,000,000

74 - 4PA

U.S. Department of Commerce  
Bureau of the Census

**CATTLE AND CALVES: 1974**

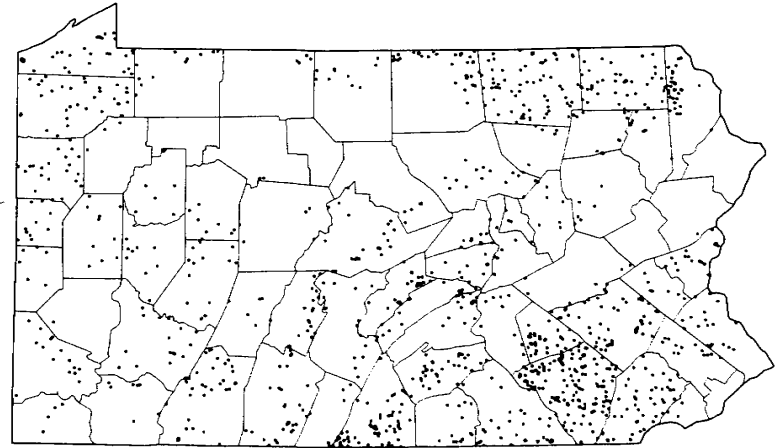


1 DOT = 2,500

74 - 5PA

U.S. Department of Commerce  
Bureau of the Census

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

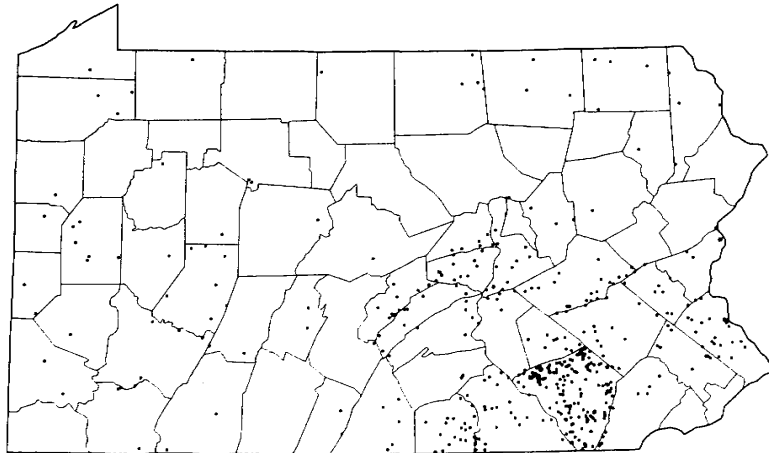


1 DOT = \$500,000

74 - 6PA

U.S. Department of Commerce  
Bureau of the Census

**VALUE OF POULTRY AND POULTRY  
PRODUCTS SOLD: 1974**

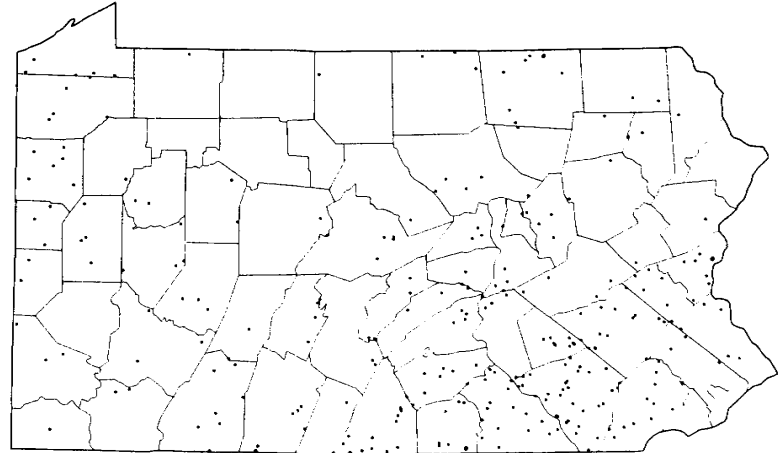


1 DOT = \$500,000

74 - 7PA

U.S. Department of Commerce  
Bureau of the Census

**CORN HARVESTED FOR ALL PURPOSES: 1974**



1 DOT = 5,000 ACRES

74 - 8PA

U.S. Department of Commerce  
Bureau of the Census

