



Special Reports

Part 6

Partnerships in Agricultural Production

Issued February 1979

U.S. Department of Commerce Juanita M. Kreps, Secretary Courtenay M. Slater, Chief Economist

> BUREAU OF THE CENSUS Manuel D. Plotkin, Director

U.S. Department of Agriculture Bob Bergland, Secretary

ECONOMICS, STATISTICS, AND COOPERATIVES SERVICE Kenneth R. Farrell, Administrator



BUREAU OF THE CENSUS
Manuel D. Plotkin, Director
Robert L. Hagan, Deputy Director
Shirley Kallek, Associate Director
for Economic Fields

Richard B. Quanrud, Assistant Director for Economic and Agriculture Censuses

AGRICULTURE DIVISION
Orvin L. Wilhite, Chief

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 Associated 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 Orvin L. Wilhite, Chief, and Arnold L. Bollenbacher, Assistant Division Chief. John A. Blackledge, Chief of the Farm Economics Branch, assisted

by John H. Barrett, was responsible for overall planning. Specifications for editing and tabulations, as well as the text for this report, were prepared by John H. Barrett. Michael A. Guravage, Angelina Mockabee, Joseph Miles, Peter Tseng, and Eleanor F. Folk assisted in preparing and reviewing the statistical tables.

Charles E. Rogers, assisted by Marget Gurney, provided the sample selection specifications. Martin S. Harahush, under the direction of Stephen W. Schobel, prepared the computer specifications and, assisted by James E. Thomas, performed the computer programing. Paulette Bonchak performed the programing for table generation. Bernadette J. Beasley and Regina E. Lindsey provided editorial services and liaison in the publications area.

The Data Preparation Division in Jeffersonville, Ind., under the direction of Don L. Adams, Chief, assisted by Rebecca Nesbit, performed the data keying and a large portion of the clerical operations for this report. William A. Harlan, assisted by Jack Mason, provided technical direction. The computer processing facilities used were under the general supervision of Thomas C. DiNenna, Chief, Computer Services Division.

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

This survey was accomplished on a cooperative basis with the National Economic Analysis Division of the Economics, Statistics, and Cooperatives Service of the U.S. Department of Agriculture. Ed Reinsal, Donn A. Reimund, and

George W. Coffman gave generously of their time in establishing data requirements and priorities for this survey, and were especially helpful in advising and assisting in the form development and tabulation phases.

Special tribute is paid to the thousands of farm and ranch operators and other people associated with farm partnership operations who furnished the information requested in the census and the survey. 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

For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by draft on a U.S. bank. Stock No. 003-024-01632-0

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, the United States, 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. Nine parts containing 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 organi-

zation. 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.

Part 5. Corporations in Agricultural Production. Presents U.S. and selected State data on farm production characteristics and nonfarm business activities for corporations reporting agricultural operations, including the proportions of business receipts from farm, farm-related, and nonfarm-related business activities. Where appropriate, production characteristics are related to corporate characteristics.

Part 6. Partnerships in Agricultural Production. Reports in depth on characteristics of farm partnerships for 1976 for the United States, with selected data for States. The survey data are based on a sample of partnerships selected from the 1974 Census of Agriculture. Where appropriate, related characteristics reported in the 1974 census are shown. The report has been prepared in cooperation with Economic Statistics and Cooperative Service, U.S. Department of Agriculture.

Part 7. Agricultural Production and Marketing Contracts. Presents detailed information on eight commodities produced and/or marketed under production and marketing contracts in 1977: Feeder and stocker cattle, fattened cattle, feeder pigs, slaughter hogs, broilers, layers, tomatoes, and potatoes. Data are presented for groups of States comprising areas of concentration, based on samples of farms reporting contracts in the 1974 Census of Agriculture. The report has been prepared in cooperation with the Economic Statistics and Cooperative Service, U.S. Department of Agriculture.

CONTENTS

	Page
Introduction	V
General Explanation	
Background	1
Definitions and Explanations	1
Procedure	2
Summary of Findings	3
Changes in Farm Partnerships 1974 to 1976	4
TABLE	
1. Farms, Land in Farms, Value of Land and Buildings, and Value of	
Agricultural Products Sold	4
2. Changes in Farm Partnerships	5
3. Farm Partnerships, Partners, Households, and Relatives, by Number of	
Partners	6
4. 1974 Data on Limited Partnerships	6
5. 1976 Data on Limited Partnerships	7
6. Year Partnerships Began by Farms, Land in Farms, and Value of	•
Agricultural Products Sold	7
7. Farms by Type of Partnership Agreement	8
, ,,	
8. Partnerships by Related and Nonrelated Partners	8
9. Partnerships With Household Characteristics, by Number of Partners	8
10. Expected Organizational Changes of Farm Partnerships	9
11. Contingency Plans for Farm Partnerships	9
12. Percent Distribution of Contingency Plans by Number of Partners	10
13. Partners Entering into Partnerships	10
14. Ownership of Assets by Individual Partners, Partnerships or Others	11
15. Selected Farm Partnerships Dissolved During 1975	13
 Partnership Information Returns (Form 1065) by Number of Partners, Value of Agricultural Products Sold, and Type of Partnership 	
Agreement	13
17. Summary of Selected Data for Total Partnership Farms by Value of	13
Agricultural Products Sold	14
18. Summary of 1974 Partnerships Operating in 1976 by Value of	14
, , , , , , , , , , , , , , , , , , , ,	
Agricultural Products Sold	16
19. Summary of 1974 Partnerships That Operated in 1975 but Not in 1976	
by Value of Agricultural Products Sold	18
20. Summary of 1974 Partnerships Terminated Before 1975 by Value of	
Agricultural Products Sold	
21. Summary of Partnerships Dissolved in 1975	
22. Summary of Partnerships With Two Partners Dissolved in 1975	
23. Summary of Partnerships With Three Partners Dissolved in 1975	26

CONTENTS—Continued

TABLE	Page
24. Summary of Partnerships With Four Partners Dissolved in 1975	28
25. Summary by Standard Industrial Classification of Farms	30
26. Summary of Partnerships by Number of Partners and Tenure	42
27. Summary of Partnerships by Value of Agricultural Products Sold	47
28. Summary of Partnerships by Value of Real Estate, Machinery, and	7,
Livestock and Poultry	53
29. Summary of Partnerships by Type of Agreement and Contingency Plan	58
30. Summary by Year Partnership Began Farming	64
31. Summary by Expected Organizational Change	69
32. Summary of Partnerships in Existence Before Farming and Partnerships	US
Not in Existence Before Farming	75
33. Summary for Related Partnerships With Age Difference Between Oldest	75
Partner and Youngest Partner of Less Than 20 Years, by Number of	
_	80
Partner	80
· · · · · · · · · · · · · · · · · · ·	96
More Between Oldest and Youngest Partners, by Number of Partners	86
35. Summary for Nonrelated Partnerships by Number of Partners	91
36. Summary for Partnerships With Age Difference Between Oldest	
Partner and Youngest Partner of Less Than 20 Years, by Age of	07
Oldest Partner	- 97
37. Summary for Partnerships With Age Difference Between Oldest Partner	
and Youngest Partner of 20 Years and Over, by Age of Oldest	100
Partner	102
38. Summary of Partnerships by Age of Oldest Partner	108
	114
Partnerships Operating in 1976	116
·	118
41. Partnerships by Standard Industrial Classification of Farms	
42. Partnerships by Number of Partners and Tenure of Farm Operator	120
43. Partnerships by Value of Agricultural Products Sold	121
44. Partnerships by Value of Real Estate, Machinery, and Livestock and	100
Poultry	122
Partners	100
46. Partnerships by Year Partnership Began and Age of Oldest Partner	123
47. Partnerships by Expected Organizational Changes	124
48. Comparison of Partnerships in Existence Before Farming and Those	125
Not in Existence Before Farming	126
49. Related Partnerships With Age Difference Between Oldest and Youngest	126
Partners by Number of Partners	127
50. Nonrelated Partnerships by Number of Partners	128
· ·	120
51. Partnerships With Age Difference Between Oldest and Youngest Partners by Age of Oldest Partner	129
52. Partnerships by Contingency Plans	
52. Fartherships by Contingency Flans	130
APPENDIX	
Toward Latter and Depart From	

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.

Reasons for Survey

The Survey of Farm or Ranch Partnership Operations provides a needed measure of specialized information about the organizational characteristics of farm partnerships. There is a great interest by agricultural economists, rural sociologists, and other groups in organizational practices which affect the preservation of the family farm.

This survey identifies the various kinds of partnerships that have evolved (legal, written, oral, etc.) their scale of operations, and the extent to which assets and management of several individuals have been brought together; it also differentiates between general and limited partnerships. This survey relates the key personal characteristics of partners to the characteristics of the farm. Data are available on contingency plans, as well as expected organizational changes of partnerships and the extent to which farm partnerships and their partners are engaged in other businesses, both farm related and nonfarm related.

It is hoped that this survey will provide planners, researchers, and legislators with the facts concerning farm partnerships that are needed for the future.

Preparing for the Survey

A pretest version of the survey report form was mailed in February 1976 to approximately 300 partnership farms not selected for participation in the survey proper. The development of this test form and the review of the test results were done in conjunction with the Economics. Statistics, and Cooperative Services (ESCS) of U.S. Department of Agriculture (USDA), who underwrote a portion of the survey cost. By May 1976, approximately 70 percent of these test forms had been received, without any followup attempts. Upon analyzing the results of the content test form, minor revisions to the report form were made.

Report Form

One basic three-page report form (see appendix) was used for all States. However, certain items included in the tabulations were linked to the 1974 census report form for each respondent. Linked items are identified in definitions and explanations. The reference year for the survey report form was 1976; thus, linked items should be viewed with caution, as changes could have occurred during the interim period. Instructions for completing the report form were printed on the form in association with each question. A cover letter explaining the purpose of the survey was also included in the mail package.

Office Processing

All report forms were reviewed prior to keying the data to magnetic tapes. Reports were subjected to a clerical screening review, during which significant notes or major problems were referred to statisticians for solution. Certain omissions, inconsistencies, and other problems that could not be resolved by reference to other information on the report and on the census report were resolved by contact (usually telephone) with the respondent.

The data for each report form were subjected to a detailed item-by-item computer edit. The program made comprehensive checks for consistency and reasonableness, corrected certain items found to be in error or inconsistent, and identified certain inconsistencies, and all large operations for technical review. No imputations were made for missing data during the computer edit operation.

The unexpanded and expanded counts of partnership reports tabulated by State, are shown in the table on page VI.

Presentation of Data

State tables 41 through 52 show farm counts by various characteristics. Summary table 17 shows detailed characteristics for the entire 143,413 partnerships selected for the survey. Summary table 18 shows detailed characteristics for the 81,738 on-going partnerships. That is, the table deals with 1974 partnerships that were still operating as partnerships in 1976. Summary table 19 shows detailed characteristics for the 11,263 partnerships that were dissolved after 1974 but before 1976. Summary table 20 shows

INTRODUCTION Continued

Partnership Farms in the Census of Agriculture and in the Survey

United States 144,969 11,908 10,582 143,413 REGIONS 1,109 995 6,898 Northeast 7,005 1,109 995 6,898 Northecast 75,366 3,659 3,165 74,415 South 44,722 3,82 3,411 44,339 West 17,866 3,311 3,011 17,761 DIVISIONS 1,109 1,703 3,165 74,415 Mained Atlantic 5,763 715 643 5,656 East North Central 34,329 1,565 1,372 33,570 Meat North Central 34,107 2,094 1,793 40,845 South 44,107 2,094 1,793 40,845 South Atlantic 1,5468 1,977 1,722 15,386 Mountaid 8,082 2,20 1,904 7,903 Mountaid 3,101 18 8,107 9,858 NEW ENGLAND Maine 261 84 75 255 New Hampshire 106 34 30 99 Vermont 2,486 76 69 267 MIDDLE ATLANTIC 2,822 260 238 2,830 Massachusetts 257 82 73 252 New Jersey 5,35 239 204 2,310 EAST NORTH CENTRAL Ohio 7,241 323 287 7,180 New Jorks 2,406 216 201 2,310 EAST NORTH CENTRAL Ohio 7,241 323 287 7,180 Indiana 7,615 347 303 7,300 Illinois 9,996 303 227 7,500 Illinois 9,996 303 227 9,500	-					
United States			Survey			
Census sample panded cd					return	
Northeast		Census				
Northeast	United States	144,969	11,908	10.582	143,413	
North Central. 75,366 3,659 3,165 74,415 South. 44,732 3,829 3,411 44,339 West. 17,866 3,311 3,011 17,761 DIVISIONS New England. 1,242 394 352 1,242 Middle Atlantic. 5,763 715 643 5,656 East North Central 41,037 72,094 1,793 40,845 South Atlantic. 15,468 1,977 1,722 15,386 East North Central 15,054 1,014 884 14,760 West North Central 15,054 1,014 884 14,760 West South Central 15,054 1,014 884 14,760 West South Central 16,200 838 805 14,195 Mountain. 8,082 2,270 1,946 7,903 Pacific. 9,784 1,041 1,047 9,858 NEW ENGLAND Maine. 261 84 75 255 New Hampshire. 106 34 30 99 Vermont. 339 107 97 330 Massachusects. 257 82 73 252 Rhode 1sland. 31 11 8 39 Connecticut. 248 76 69 267 MIDDLE ATLANTIC New York. 2,822 260 238 2,830 New Jersey. 533 239 204 516 New Jersey. 535 232 285 3,520 Wiscostin 11,279 345 305 11,280 Michigan. 3,552 322 285 3,520 Wiscostin 5,925 270 240 5,820 Wiscostin 5,925 270 240 5,820 Wiscostin 7,015 311 274 7,040 North Dakota. 3,778 323 275 275 4,740 Missouri. 7,015 311 274 7,040 North Dakota. 3,778 323 276 2,500 Missouri. 7,015 311 274 7,040 North Dakota. 3,778 323 270 3,720 North Dakota. 3,778 323 270 3,720 North Dakota. 3,778 233 270 3,720 North Dakota. 3,778 233 270 270 4,875 North Dakota. 3,778 233 270 270 3,720 North Dakota. 3,778 233 270 3,720 North Dakota. 3,778 233 270 3,720 North Dakota. 3,778 233 270 3,720		2,	11,700	20,502	143,413	
North Central. 75,366 3,659 3,165 74,415 South. 44,732 3,829 3,411 44,339 West. 17,866 3,311 3,011 17,761 DIVISIONS New England. 1,242 394 352 1,242 Middle Atlantic. 5,763 715 643 5,656 East North Central 41,037 72,094 1,793 40,845 South Atlantic. 15,468 1,977 1,722 15,386 East North Central 15,054 1,014 884 14,760 West North Central 15,054 1,014 884 14,760 West South Central 15,054 1,014 884 14,760 West South Central 16,200 838 805 14,195 Mountain. 8,082 2,270 1,946 7,903 Pacific. 9,784 1,041 1,047 9,858 NEW ENGLAND Maine. 261 84 75 255 New Hampshire. 106 34 30 99 Vermont. 339 107 97 330 Massachusects. 257 82 73 252 Rhode 1sland. 31 11 8 39 Connecticut. 248 76 69 267 MIDDLE ATLANTIC New York. 2,822 260 238 2,830 New Jersey. 533 239 204 516 New Jersey. 535 232 285 3,520 Wiscostin 11,279 345 305 11,280 Michigan. 3,552 322 285 3,520 Wiscostin 5,925 270 240 5,820 Wiscostin 5,925 270 240 5,820 Wiscostin 7,015 311 274 7,040 North Dakota. 3,778 323 275 275 4,740 Missouri. 7,015 311 274 7,040 North Dakota. 3,778 323 276 2,500 Missouri. 7,015 311 274 7,040 North Dakota. 3,778 323 270 3,720 North Dakota. 3,778 323 270 3,720 North Dakota. 3,778 233 270 3,720 North Dakota. 3,778 233 270 270 4,875 North Dakota. 3,778 233 270 270 3,720 North Dakota. 3,778 233 270 3,720 North Dakota. 3,778 233 270 3,720 North Dakota. 3,778 233 270 3,720	Northeast	7.005	1.109	995	6 898	
New England	North Central	75,366	3,659	3,165	74,415	
New England	West	17,866	3,311	3,411	17,761	
Middle Atlantic 5,653 715 643 5,653 755 1,372 35,570 West North Central 41,037 2,994 1,793 40,845 South Atlantic 15,468 1,977 1,722 15,358 14,7210 884 14,760 West South Central 15,054 1,014 884 14,760 886 14,760 Mest South Central 14,210 88 805 14,170 888 NEW ENGLAND NEW ENGLAND NEW ENGLAND NEW ENGLAND NEW ENGLAND NEW ENGLAND Maine. 261 84 75 255 New Hampshire 106 34 30 99 Vermont 3339 107 97 330 Massachusetts 257 82 73 252 Rhode Island 31 11 8 39 Messachusetts 253 239 204 516 Pennsylvania 2,406 216 201 2,310 <tr< td=""><td>DIVISIONS</td><td></td><td></td><td></td><td> </td></tr<>	DIVISIONS					
Middle Atlantic. 5,763 715 643 5,656 East North Central. 34,329 1,565 1,372 33,570 West North Central. 15,468 1,977 1,722 15,345 East South Central. 15,056 1,014 884 14,760 West South Central. 14,210 838 805 14,197 Pacific. 9,784 1,041 1,047 9,858 NEW ENGLAND Maine. 261 84 75 255 New Hampshire. 106 34 30 99 Vermont. 339 107 97 330 Vermont. 348 76 69 267 MIDDLE ATLANTIC New York. 2,822 260 238 2,830 New Jersey. 535 239 204 516 Pennsylvania. 2,406 216 201 2,310 EAST NORTH CENTRAL Ohio. 7,241 323 287 7,180 Ohio. 7,615 347 303 7,300 Illinois. 9,996 303 257 9,750 Wisconsin. 5,925 270 240 5,820 WEST NORTH CENTRAL Minnesota. 6,234 265 225 6,240 Missouri. 7,015 311 274 7,040 Morth Dakota. 3,778 223 270 3,750 Missouri. 7,015 311 274 7,040 North Dakota. 2,911 262 215 2,950 Nebraska. 4,860 291 250 4,740 North Dakota. 2,911 262 215 2,950 Nebraska. 4,960 297 254 4,875 SOUTH ATLANTIC Delaware. 233 216 186 230 Maryland. 914 278 248 900 Verginia. 2,672 243 226 2,690 West NORTH CENTRAL Minnesota. 5,414 228 197 5,460 North Dakota. 2,911 262 215 2,950 North Dakota. 1,356 272 29 1,344 North Dakota. 2,911 262 215 2,950 North Dakota. 1,356 272 29 1,344 North Central. 1,356 272 29 1,344 Kentucky. 7,449 223 283 7,280 West SOUTH ATLANTIC Delaware. 233 216 186 230 Pennsyland. 914 278 248 900 Pennsyland. 914 278 248 900 Pennsyland. 914 278 248 900 Pennsyland. 924 278 249 250 4,740 North Central. 1,356 272 299 1,3675 Pennsyland. 924 272 239 3,825 Hadebasa. 1,927 160 137 1,960 Hastissippi. 1,741 304 267 1,695 West SOUTH CENTRAL Montana. 1,693 303 259 1,675 Pennsyland. 924 272 238 1,676 Pennsyland. 927 238 2,476 Pennsyland. 927 238 2,476 Pennsyland. 927 238 2,476 Pennsyland. 928 247 214 2,780 Pennsyland. 929 252 1,679 Pennsyland. 929 253 1,679 Pennsyland. 929 251 1,695 Pennsylan	New England	1,242	394	352	1,242	
West North Central. 41,037 2,994 1,793 40,845 East South Central. 15,056 1,977 1,722 15,384 West South Central. 14,210 838 805 14,176 Mountain. 8,082 2,270 1,964 7,903 Pacific. 9,784 1,041 1,047 9,858 NEW ENGLAND 261 84 75 255 New Hampshire. 106 34 30 99 Vermont. 339 107 97 330 Messachusetts. 257 82 73 252 RhOble Atland. 31 11 8 39 Connecticut. 248 76 69 267 MIDDLE ATLANTIC 2,822 260 238 2,830 New Jersey. 535 239 204 516 Fennsylvania. 2,406 216 201 2,310 EAST NORTH CENTRAL 84 76 50 25	East North Central	5,763	715		5,656 33,570	
East South Central. 15,056 1,014 884 14,760 West South Central. 14,210 838 805 14,1760 Mountain. 8,082 2,270 1,964 7,903 Pacific. 9,784 1,041 1,047 9,858 NEW ENGLAND	West North Central	41,037	1 977	1,793	40,845	
Mountain	East South Central	15.054	1,014	884	14,760	
NEW ENGLAND NEW ENGLAND NEW ENGLAND New Hampshire. 106 34 30 99	Mountain	8,082	2,270	1,964	7,903	
Maine		9,784	1,041	1,047	9,858	
New Hampshire	NEW ENGLAND					
Vermont.	Maine New Hampshire					
Rhode Island	Vermont	339	107	97	330	
MIDDLE ATLANTIC New York. 2,822 260 238 2,830 New Jersey. 535 239 204 516 201 2,310	Rhode Island	31	11	8	39	
New York		248	76	69	267	
New Jersey. 535 239 204 516 201 2,310 EAST NORTH CENTRAL Ohio. 7,241 323 287 7,180 11ddana. 7,615 347 303 7,300 11linois. 9,996 303 257 9,750 11linois. 9,996 303 257 9,750 11linois. 5,925 322 285 3,520 Wisconsin. 5,925 270 240 5,820 WEST NORTH CENTRAL Minnesota. 6,234 265 225 6,240 10wa. 11,279 345 305 11,280 Missouri. 7,015 311 274 7,040 North Dakota. 3,778 323 270 3,720 South Dakota. 2,911 262 215 2,950 North Dakota. 4,860 291 250 4,740 Kansas. 4,860 297 254 4,875 SOUTH ATLANTIC Delaware. 233 216 186 230 Maryland. 914 278 248 900 Virginia. 2,672 243 226 2,690 West Virginia. 2,672 243 226 2,690 North Carolina. 5,414 228 197 5,460 North Carolina. 5,414 228 197 5,460 North Carolina. 1,356 272 229 1,344 Georgia. 2,718 233 194 2,670 Plorida. 1,739 309 262 1,670 EAST SOUTH CENTRAL Kentucky. 7,449 323 283 7,280 EAST SOUTH CENTRAL Kentucky. 7,449 323 283 7,280 Mississippi. 1,741 304 267 1,695 WEST SOUTH CENTRAL Arkansas. 2,225 122 182 2,190 Mississippi. 1,741 304 267 1,695 WEST SOUTH CENTRAL Arkansas. 2,225 122 182 2,190 MOUNTAIN Montana 1,693 303 259 1,675 MOUNTAIN Montana 1,693 303 259 259 MEST SOUTH CENTRAL Arkansas. 2,225 122 182 2,190 MEST SOUTH CENTRAL Arkansas. 2,262 325 205 1,365 Oklahoma 1,552 279 238 1,465 Arizona 565 257 218 536 Oklahoma 1,552 279 238 1,465 Arizona 566 318 2,120 New Mexico 702 313 284 554 Arizona 565 257 218 536 Utah 691 301 258 666 Nevada 193 179 150 189 PACIFIC Washington 1,594 251 340 1,596 Oregon 1,448 337 302 1,404 Oregon 1,448 337 302 1,404						
Pennsylvania	New York	2,822			516	
Ohio. 7,241 323 287 7,180 Indiana. 7,615 347 303 7,300 Illinois. 9,966 303 257 9,750 Michigan. 3,552 322 285 3,520 Wisconsin. 5,925 270 240 5,820 WEST NORTH CENTRAL Minnesota. 6,234 265 225 6,240 Iova. 11,279 345 305 11,280 305 11,280 North Dakota. 3,778 323 270 3,720 3,720 South Dakota. 2,911 262 215 2,950 Nebraska. 4,860 291 250 4,740 Kansas. 4,960 297 254 4,875 SOUTH ATIANTIC Delaware. 233 216 186 230 West Virginia. 2,672 243 226 2,690 West Virginia. 2,672 243 226 2,690		2,406	216	201	2,310	
Misconsin 5,332 22 283 3,520 Wisconsin 5,925 270 240 5,820 WEST NORTH CENTRAL 20 265 225 6,240 Minseota 11,279 345 305 11,280 Missouri 7,015 311 274 7,040 Morth Dakota 2,911 262 215 2,950 South Dakota 2,911 262 215 2,950 Kansas 4,960 297 254 4,740 Kansas 4,960 297 254 4,740 Kansas 4,960 297 254 4,875 SOUTH ATLANTIC 233 216 186 230 Maryland 914 278 248 900 Virginia 422 198 180 420 North Carolina 5,414 228 197 5,460 West Virginia 422 198 180 2,670 Florida		7.241	323	287	7 180	
Misconsin 5,332 22 283 3,520 Wisconsin 5,925 270 240 5,820 WEST NORTH CENTRAL 20 265 225 6,240 Minseota 11,279 345 305 11,280 Missouri 7,015 311 274 7,040 Morth Dakota 2,911 262 215 2,950 South Dakota 2,911 262 215 2,950 Kansas 4,960 297 254 4,740 Kansas 4,960 297 254 4,740 Kansas 4,960 297 254 4,875 SOUTH ATLANTIC 233 216 186 230 Maryland 914 278 248 900 Virginia 422 198 180 420 North Carolina 5,414 228 197 5,460 West Virginia 422 198 180 2,670 Florida	Indiana	7,615	347	303	7,300	
WEST NORTH CENTRAL Aminesota 6,234 265 225 6,240 Inva 11,279 345 305 11,280 Missouri 7,015 311 274 7,040 Morth Dakota 2,911 262 215 2,950 South Dakota 2,911 262 215 2,950 Nebraska 4,860 291 250 4,740 Kansas 4,960 297 254 4,740 Kanyland 914 278 248 900 Virginia 2,672 243 226 2,690 West Virginia 422 198 180 420 North Carolina 5,414 228 197 5,460 South Carolina 1,356 272 229 1,344 Georgia 2,718 233 194 2,670 Florida 1,739 309 262 1,670 EAST SOUTH CENTRAL Kentucky 7,449 323 283 <td>Michigan</td> <td>3,552</td> <td>322</td> <td>285</td> <td>3,320</td>	Michigan	3,552	322	285	3,320	
Minnesota	Wisconsin	5,925	270	240	5,820	
Towa.	WEST NORTH CENTRAL	ļ			ĺ	
Missouri. 7,015 311 274 7,040 North Dakota 3,778 323 270 3,720 South Dakota 2,911 262 215 2,950 Nebraska 4,860 291 250 4,740 Kansas 4,960 297 254 4,875 SOUTH ATLANTIC Delaware. 233 216 186 230 Maryland 914 278 248 900 Virginia 2,672 243 226 2,690 North Carolina 5,414 228 197 5,460 South Carolina 5,414 228 197 5,460 Georgia 2,718 233 194 2,670 Florida 1,739 309 262 1,670 Fast South Central Kentucky. 7,449 323 194 2,670 Florida 1,741 304 267 1,695 WEST SOUTH CENTRAL Kentucky. 7,449 323 283 7,280 Mississippi 1,741 304 267 1,695 WEST SOUTH CENTRAL Arkansas 2,225 122 182 2,190 Mississippi 1,741 304 267 1,695 WEST SOUTH CENTRAL Arkansas 2,786 247 214 2,780 Texas 7,844 234 204 7,860 MOUNTAIN Montana 1,693 303 259 1,675 Texas 7,844 234 204 7,860 MOUNTAIN Montana 1,693 303 259 1,675 Texas 7,844 234 204 7,860 MOUNTAIN Montana 1,693 303 259 1,675 Texas 7,844 234 204 7,860 MOUNTAIN Montana 1,693 303 259 1,675 Texas 7,844 234 204 7,860 MOUNTAIN Montana 1,693 303 259 1,675 Texas 7,844 234 204 7,860 MOUNTAIN Montana 1,693 303 259 1,675 Texas 7,844 234 204 7,860 MOUNTAIN Montana 1,693 303 259 1,675 Texas 7,844 234 204 7,860 MOUNTAIN Montana 1,693 303 259 1,675 Texas 7,844 234 204 7,860 MOUNTAIN Montana 1,693 303 259 1,675 Texas 7,844 234 204 7,860 MOUNTAIN Montana 1,693 303 259 1,675 Texas 7,844 234 204 7,860 MOUNTAIN Montana 1,693 303 259 1,675 Texas 7,844 234 204 7,860 MOUNTAIN Montana 1,693 303 259 1,675 Texas 7,844 234 204 7,860 MOUNTAIN Montana 1,693 303 259 1,675 Texas 7,844 234 204 7,860 MOUNTAIN 300 259 1,675 Texas 7,844 234 204 7,860 MOUNTAIN 300 259 1,675 Texas 7,844 234 204 7,860 MOUNTAIN 300 259 1,675 Texas 7,844 234 204 7,860		11.279			6,240 11,280	
South Ariantic South Carolina Sout	Missouri	7.015	311	274	7,040	
SOUTH ATLANTIC 233 216 186 230 284 278 248 900 297 234 248 900 297 234 248 900 297 234 248 900 297 234 248 900 235 248	South Dakota	2.911	262	215	2.950 1	
Delaware		4,860			4,740	
Maryland. 914 278 248 900 Virginia. 2,672 243 226 2,690 West Virginia. 422 198 180 420 North Carolina. 5,414 228 197 5,460 South Carolina. 1,356 272 229 1,344 Georgia. 2,718 233 194 2,670 Florida. 1,739 309 262 1,670 EAST SOUTH CENTRAL Kentucky. 7,449 323 283 7,280 Tenneassee. 3,937 227 197 3,825 Alabama. 1,927 160 137 1,960 Mississippi. 1,741 304 267 1,969 MEST SOUTH CENTRAL 4 2,225 122 182 2,190 Mississippi. 1,355 235 205 1,365 Colvisiana. 2,786 247 214 2,780 Texas. 7,844	SOUTH ATLANTIC					
Virginia 2,672 243 226 2,690 West Virginia 422 198 180 420 North Carolina 5,414 228 197 5,460 South Carolina 1,356 272 229 1,344 Georgia 2,718 233 194 2,670 Florida 1,739 309 262 1,670 EAST SOUTH CENTRAL Kentucky 7,449 323 283 7,280 Tenneasee 3,937 227 197 3,825 197 1,960 Mississippi 1,741 304 267 1,960 1,952 205 1,695 WEST SOUTH CENTRAL Arkansas 2,225 122 182 2,190 1,365 205 1,365 205 1,365 205 1,365 205 1,365 205 1,365 205 1,366 247 214 2,780 247 214 2,780 247 244 248 204 7,860	Delaware	914			900	
North Carolina 5,414 228 197 5,464 228 197 5,460 272 229 1,344 Georgia 2,718 233 194 2,670 Florida 1,739 309 262 1,670 Lack 1,670 Lack Florida 1,739 309 262 1,670 Lack Lack 1,670 Lack Lack Lack 1,670 Lack L	Virginia	2,672			2,690	
Georgia	North Carolina	5,414	228	197	5.460	
EAST SOUTH CENTRAL Kentucky	Georgia	2,718	233	194	2,670	
Rentucky		1,739	309	262	1,670	
Tennessee					7 000	
Alabama	Tennessee	3,937	227	197	3,825	
WEST SOUTH CENTRAL 2,225 122 182 2,190 Louisiana 1,355 235 205 1,365 Oklahoma 2,786 247 214 2,780 Texas 7,844 234 204 7,860 MOUNTAIN Montana 1,693 303 259 1,675 Idaho 1,552 279 238 1,465 Wyoming 604 272 239 598 Colorado 2,062 366 318 2,120 New Mexico 702 313 284 654 Arizona 585 257 218 536 Utah 691 301 258 666 Nevada 193 179 150 189 PACIFIC Washington 1,594 251 340 1,596 Oregon 1,448 337 302 1,404 California 6,615 401 <t< td=""><td>Alabama</td><td>1,927</td><td></td><td></td><td></td></t<>	Alabama	1,927				
Arkansas. 2,225 122 182 2,190 Louisiana 1,355 235 205 1,3655 Oklahoma 2,786 247 214 2,780 Texas. 7,844 234 204 7,860 MOUNTAIN Montana. 1,693 303 259 1,675 Idaho. 1,552 279 238 1,465 Wyoming 604 272 239 598 Colorado 2,062 366 318 2,120 New Mexico 702 313 284 654 Arizona 585 257 218 536 Utah 691 301 258 666 Nevada 193 179 150 189 PACIFIC Washington 1,594 251 340 1,596 Oregon 1,448 337 302 1,404 California 6,615 401 361 6,735 Alaska 18 18 15 18						
Texas. 7,844 234 204 7,860 MOUNTAIN MONTANA. 1,693 303 259 1,675 Idaho. 1,552 279 238 1,465 Wyoming 604 272 239 598 Colorado. 2,062 366 318 2,120 New Mexico. 702 313 284 654 Arizona. 585 257 218 536 Utah. 691 301 258 666 Nevada. 193 179 150 189 PACIFIC Washington. 1,594 251 340 1,596 Oregon. 1,448 337 302 1,404 California. 6,615 401 361 6,735 Alaska. 18 18 15 18	Arkansas	2,225			2,190	
Texas. 7,844 234 204 7,860 MOUNTAIN MONTANA. 1,693 303 259 1,675 Idaho. 1,552 279 238 1,465 Wyoming 604 272 239 598 Colorado. 2,062 366 318 2,120 New Mexico. 702 313 284 654 Arizona. 585 257 218 536 Utah. 691 301 258 666 Nevada. 193 179 150 189 PACIFIC Washington. 1,594 251 340 1,596 Oregon. 1,448 337 302 1,404 California. 6,615 401 361 6,735 Alaska. 18 18 15 18		2,786	247	214	1,365 2,780	
Montana		7,844	234	204	7,860	
Idaho						
Wyoming 604 272 239 598 Colorado 2,062 366 318 2,120 New Mexico 702 313 284 654 Arizona 585 257 218 536 Nevada 193 179 150 189 FACIFIC Washington 1,594 251 340 1,596 Oregon 1,448 337 302 1,404 California 6,615 401 361 6,735 Alaska 18 18 18 15 18		1,552	279	238	1,465	
New Mexico. 702 313 284 654 Arizona. 585 257 218 536 Utah. 691 301 258 666 Nevada. 193 179 150 189 PACIFIC Washington. 1,594 251 340 1,596 Oregon. 1,448 337 302 1,404 California. 6,615 401 361 6,735 Alaska. 18 18 18 15 18	Wyoming	604			598	
Utah 691 301 258 666 Nevada 193 179 150 189 PACIFIC Washington 1,594 251 340 1,596 Oregon 1,448 337 302 1,404 California 6,615 401 361 6,735 Alaska 18 18 15 18	New Mexico	702	313	284	654	
PACIFIC Washington. 1,594 251 340 1,596 Oregon. 1,448 337 302 1,404 California. 6,615 401 361 6,735 Alaska. 18 18 15 18	Utah	691	301	258	666	
Washington. 1,594 251 340 1,596 Oregon. 1,448 337 302 1,404 California. 6,615 401 361 6,735 Alaska. 18 18 15 18		193	1/9	120	109	
Oregon 1,448 337 302 1,404 California 6,615 401 361 6,735 Alaska 18 18 15 18		1 50/	251	340	1 596	
California 6,615 401 361 6,735 Alaska 18 18 15 18	Oregon	1,448	337	302	1,404	
100	California	6,615	18	15	6,735	
				29		

detailed characteristics for the 50,412 partnerships that did not operate as farm partnerships in 1975 or 1976.

Summary tables 25 through 40 show detailed characteristics by subject for the 81,738 farm partnerships that were still operating as partnerships during 1976. Summary tables 21 through 24 show detailed characteristics by disposition for the farm partnerships that were dissolved after 1974 but before 1976.

Unpublished Data

Data collected, tabulated, and shown as totals for the United States are also available for geographic regions and divisions. All data tabulated for States are shown in this report.

For information on the content and cost of unpublished tabulations, please write to the Chief, Agriculture Division, Bureau of the Census, Washington, D.C. 20233.

Abbreviations and Symbols

The following symbols are used throughout the tables:

- Represents zero.
- Z Less than half of the unit reported. NA Not available.
- X Not applicable.

GENERAL EXPLANATION

Background

The trend toward specialization and larger-scale operations, together with increased capital requirements, have brought many organizational and managerial adjustments in our Nation's agriculture. A critical question that today's farm operators must answer is, "What organizational structure is best suited to meet the ever increasing demands of today and to cope with the changes of tomorrow?"

Since 1950, the average farm size has more than doubled, accompanied by a tenfold increase in the average investment in land and buildings. During this time, the value of farm products sold per farm has more than trippled.

Although the existence of farm partnerships is not a recent development. little was known about the types of arrangements and the extent to which the partners contributed resources or derived their livelihood from agriculture. The 1969 Census of Agriculture was the first census to enumerate farms by "type of organization." It and its successor (the 1974 Census of Agriculture) requested a "type of organization" for farms with sales of \$2,500 and over. This basic data provides information about the current structural organization of agriculture operations. However, a longer period of time must elapse before meaningful trends in organizational structure are clearly defined.

Definitions and Explanations

The following definitions and explanations relate to items which require a more detailed description than is in the tables. Many of the items are marked by an asterisk, denoting that they came from the 1974 census reports.

A further discussion and more detailed analysis of the items included on the report forms and of the published data are given in Volume II, Statistics by Subject, part 1 of the 1974 Census of Agriculture.

*Partnership—For census purposes, two or more persons who have agreed on the amount of their contribution (capital and effort) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife do not necessarily mean that a partnership exists unless there is some agreement as to sharing contributions, decisionmaking, profits, and liabilities.

*Land in farms—The acreage designated in the tables as "land in farms" consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation nor used for pasture or grazing, provided it was part of the farm operator's total operation.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was to be reported as land rented from others. Except for open range and grazing land used under government permits, all grazing land used by farmers or ranchers was included as "land in farms".

Value of land and buildings—The respondents were asked to report their estimate of the current market value of land and buildings owned, rented or leased from others, and rented or leased

to others. Market value refers to the respondent's estimate of what the land and buildings would sell for under market conditions.

The market value of land and buildings is based on the 1974 census reports for some of the summary tables, and for other tables from the Survey of Farm or Ranch Partnership Operations.

The term "farms" in the presentation of data denotes the number of partnership farms reporting the item.

- *Farm operator characteristics—Operator characteristics such as race or origin, residence, age, occupation, and off-farm work, were collected for all partnerships in the 1974 census. Data for age and occupation shown were obtained from 1974 census reports for selected cases.
- *Farms by age of operator—Age of the farm operator was obtained for all farms and for individual, family, or partnership operated farms. Age was obtained for the senior partner only in 1974.
- *Senior partner—Senior partner is the individual who completed one report form for the entire partnership farm operation. Separate reports were filled out for each individual place whenever individual members of the partnership operated farms separate from the partnership farm operation.
- *Farms by principal occupation—Farms by principal occupation refers to all members of the partnership and not just the senior partner.
- *Value of agricultural products sold—This item as collected in the census represents the gross market value before taxes and

production expenditures of all agricultural products sold or removed from the place in 1974 regardless of who received the payment. It includes receipts by the operator as well as the value of any shares received by partners, landlords, contractors and others associated with the place.

Counts of partnerships by value of agricultural products sold are shown by various size groups in a number of the summary tables.

- *Farms by tenure of operator—The classifications of tenure as used are:
 - Full owners, who operate only land they own;
 - Part owners, who operate land they own and also land they rent from others; and
 - Tenants, who operate only land they rent from others or work on shares for others.
- *Farms by standard industrial classification (SIC) -A standard classification for agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) has been evolving over the entire lifetime of the SIC system, but at a less rapid rate than in other producing sectors of the economy, primarily because of the diversity of production typical of most farms. In recent years, increasing specialization by agricultural producers has encouraged the creation of a more detailed set of classifications. These classifications, found in the 1972 SIC Manual, are intended to promote uniformity and comparability in the presentation of statistical data collected by various agencies.

See Volume II, part 1, for a more detailed discussion on SIC.

Farms by type of partnership agreement—Respondents classified their own type of partnership agreement status by marking a box opposite the type of agreement which best described the operation. The types were:

- 1. Legal partnership (document drawn up by lawyers).
- 2. Other form of written agreement binding on the partners.

- 3. Oral agreement.
- 4. Other arrangement,

Farms by value of assets—This item refers to the sum of assets used in this farm or ranch business as of December 1, 1976. It includes the value of land and buildings, the value of machinery and equipment, and the value of livestock and poultry on hand.

Farms by year partnership began—This refers to the year the farm partnership began farming or ranching.

Farms by age of partner—Ages were collected for the five principal partners. Oldest refers to the oldest partner and youngest refers to the youngest of the five principal partners.

Related partnerships—Partnerships where one-half or more of the partners are related by blood or marriage.

Nonrelated partnerships—Partnerships where less than one-half of the partners are related by blood or marriage.

Contingency plans—Plans, provisions, etc. made by the partners as to what would happen to the partnership if one or more of the partners withdraws or dies.

Expected organization changes—Changes in the organizational structure that the respondents anticipate making during 1977, 1978, or 1979.

Limited partnership—A partnership permitted by State statue which allows the limited partner to contribute capital but not participate in management. The limited partner receives a share of the profits or losses but cannot participate in the management of the business. His/her risk is limited to his/her capital investment. The general partners have control of the business and their liability is unlimited.

Procedure

Sample

The Survey of Farm or Ranch Partnership Operations was designed to cover the 50

States. Approximately 12,000 of the 145,000 partnerships reporting sales of agricultural products of \$2,500 or more in the 1974 Census of Agriculture were selected for the survey. These respondents were randomly selected proportionally within six of the value-of product-sales classes. Sampling rates varied by State, depending upon the number of farm partnerships in that State. Rates varied from 100 percent of all 1974 partnerships for small States to 1-in-30 for larger States.

Mailing and Followup

The 12,000 cases selected for the actual survey were mailed during mid-April 1977, with a request that response be for the 1976 calendar year. With the assistance of three encouraging followup letters to nonrespondents, approximately 81 percent of the 12,000 cases had been received by August 1977. An additional report form was mailed with each followup letter. To complete the enumeration, a 50-percent sample of the August 1977 nonresponse cases was selected and enumerated by telephone. Slightly more than 1,100 calls were completed by four telephone enumerators by October 1977. These cases were then weighted to represent all nonresponse cases.

Telephone callers were instructed to do limited probing (short of alienating respondents) about the lack of response. Reasons for not having responded were:

Percent

Not a partnership					24.3
Did not receive form .					21.5
Have not had time					18.5
Not anyone's business					7.3
Partnership dissolved.					5.8
Claims filed					3.0
Changes since 1974					2.0
Death in partnership .					1.9
Data not important					1.8
Felt it did not apply .					1.0
Other					12.8

Recognizing that interviewers were instructed not to directly ask the respondents why they had not responded, and recognizing that these results are only as good as the interviewers opinion, it is interesting to note that 24 percent of the

respondents indicated that they were not a partnership. Additionally, 6 percent reported that the partnership had dissolved, 2 percent reported changes since 1974, and 2 percent reported death in the partnership, while 1 percent felt that it did not apply to them. One could summarize that approximately 35 percent of the 1,100 or more respondents had some degree of change (or an element of confusion about the type of organization). In terms of hostility, slightly more than 7 percent of the respondents felt that the data wasn't anyone's business, while 2 percent felt that it wasn't important.

Limitations of Survey

While this sampling method has many advantages (i.e. ease of sampling, good data linkage, etc.), it is not without its problems. The survey obviously included some operations that were not formal partnerships. Given that there is no legal definition of a partnership, it appears that there are some reporting discrepancies as to respondents interpretations of their operations from year-to-year and from time-to-time. Additionally, such sampling techniques do not allow for the

Section 37 - Type of ORGANIZATION

counting of births. That is, there was no effort to account for new farm partnerships that were formed during 1975 or 1976. It was the basic intent of this survey to follow and to measure the characteristics of on-going partnership concerns.

Summary of Findings

Type of Organization

The 1969 Census of Agriculture was the first census to enumerate farms by type of organization. That census found 221,500 farm partnerships reporting 738 acres per farm. Essentially, these partnerships were tabulated as reported. The facsimile below shows the type of organization section for the 1969 Census of Agriculture. Respondents were not provided with a definition of a partnership or any explanations of how to report. Note that the report form did not even inquire about the number of partners. Recent studies indicate that farm partnerships undoubtedly were overstated in 1969.

The 1974 Census of Agriculture found 145,000 farms (859 acres per farm) operating as farm partnerships, a decline of 34.6 percent from the 1969 census.

The facsimile below shows inquiries for type of organization for the 1974 census. Note that respondents were requested to enter the number of partners for 1974. Also, respondents were provided with additional instructions on how to report.

All regions showed a decline of farm partnerships from 1969 to 1974. The Northeast declined 31 percent, the North Central 34 percent, the South 39 percent, and the West 25 percent. The declines in number of farm partnerships were:

Farms

1969

1974

United States	144,969	221,535
Northeast	7,005	10,093
North Central	75,366	114,216
South	44,732	73,466
West	17,866	23,760

Land in partnership farms declined 39,908,800 acres (24 percent). However, the average size of partnership farms increased approximately 20 percent in the Northeast, 11 percent in the North Central, over 26 percent in the South, and approximately 5 percent in the West. In 1974, the average size of partnership farms in the West was 2,317 acres per farm, more than 2½ times as big as their

1969 Facsimile

	1. Mark (X) the box which best describes this operation.	
	Corporation, including family (Do not include co-ops.)	s Other - Specify
	1 Individual or family farm, a 10 or fewer shareholders	41
	excluding partnership and corporation	For example: Estate or trust, Indian reservation, prison form, grazing
	2 Partnership, 4 More than 10 shareholders including family	association, co-operative, etc.
974 Facsimil	e	
	> type of organization, operator chaf	ACTERISTICS and related informs
Section 37	TIPE OF ORGANIZATION, OPERATOR CHAP	ACTEMISTICS, and related informa
COMPLETE	THIS PAGE	
■ Part A	Type of Organization	
1. Mark (X) th	ne one box which best describes the way this place was operate	d in 1974.
901 1	INDIVIDUAL or FAMILY operation (sole proprietorship).	
_	excluding partnership and corporation	Complete Parts B and C
2 🔲	PARTNERSHIP operation, including family partnerships 90	D2 below
	(See separate Instructions.) — Enter number of partners	
3 🔲	CORPORATION, including family corporations — Skip to Sect	tion 38
	OTHER, such as cooperative, estate or trust, prison farm, grazin	

Indian reservation, etc. — Specify type then skip to Section 38 · · · · · · ·

closest rival; the South with 888 acres per farm. The declines of land in partnerships were:

Acres

United States .	124,479,156	163,387,960
Northeast	2,278,170	2,745,685
North Central .	41,086,757	56,129,075
South	39,724,567	51,962,378
West	41,389,662	52,550,822

Partnership farms made up 8.6 percent of the 1.7 million farms with sales of \$2,500 and over in 1974. These farms were 60.9 percent larger than the average farm with sales of \$2,500 and over, 859 acres compared to 534 acres. The average value of land and buildings on partnership farms was \$284,936 per farm compared to \$182.231 per farm for farms with sales of \$2,500 and over; and in terms of sales. partnership farms averaged almost \$77,500 per farm compared to only \$47,549 for all such farms.

Changes in Farm Partnerships 1974 to 1976

The facsimile below shows the lead inquiry for the Survey of Farm or Ranch Partnership Operations, Of the 143,400 partnership operations selected for the survey, slightly less than 61,700 responded "No" to this inquiry. That is, 43 percent of the farm partnerships operating in 1974 were no longer operating as partnerships in 1976.

Of farm partnerships that were no longer operating in 1976, approximately 11,300 of these dissolved during 1975. The facsimile below shows the inquiry for disposition of 1974 operations. Unfortunately, the report form did not ask for additional information for operations that were not operating as farm partnerships in 1975. Pilot studies revealed that many of the operations that were reported as partnerships in the 1974 census were never formal partnerships. Some

Other

3,849

respondents interpreted such operations as growing broilers under contract or producing commodities under a landlord-tenant arrangement as partnerships. Others were unsure how to report family-operated farms. One could hypothesize that approximately 11,000 formal partnerships dissolved during 1974 and that some 39,000 of the operations reported as partnerships during the 1974 Census of Agriculture never were formal partnerships. Table 2 shows expanded results by year for all selected cases.

Table 2 also indicates that most of the reporting differences probably occurred in the North Central and South regions. Each of the four regions showed at least a 2-to-1 ratio of out-of-scope cases between 1975 and 1974. The North Central region accounted for 52 percent of all cases in the survey; however, it accounted for over 56 percent of the out-of-scope cases. Of the 34,630 selected cases no longer operating in 1976 in the North Central region, 84 percent did not operate as partnerships in 1975 either. In the South approximately 44 percent of the selected cases were no longer operating as partnerships during 1976. Of the 19.300 cases that dissolved by 1976 in the South. 16,000 were not partnerships during 1975 either. In comparison of the approximately 7,000 cases selected in the Northeast, over 77 percent were still operating as partnerships in 1976. How-

Table 1. Farms, Land in Farms, Value of Land and Buildings, and Value of **Agricultural Products Sold**

(1974 census data) Farms With Sales of Individual \$2,500 and Over Total or family Partnership Corporations 1,695,047 905,640,107 678,081,579 124,479,156 96,781,155 3,377 24,555,940 856,921acres.. 6,298,217 Average size of farms.....acres.
Value of land and buildings....\$1,000.
Average per farm......dollars... 534 859 1,636 1,790,981 308,889,631 182,231 241,235,783 41,306,927 284,936 165,311 158,962 Average per acre........ 356 332 80,598,305 47,549 54,516,408 11,231,940 14,425,607 424,350 Average per farm.....dollars.. 110,249

Was the farm or ranch operated by the persons listed on the address label operated as a partnership (including family partnership) in 1976?	1 Yes - Complete items 2 through 11 2 No - SKIP to item 12
12a. Was the farm or ranch operated as a partnership in 1975?	220 1
b. Why was the partnership dissolved?	221 1

ever, of the 1,600 no longer operating as partnerships in 1976, over 66 percent (1,050) were not partnerships in 1975 either. In the West, over 65 percent of the 17,800 selected cases were still partnerships in 1976, and 72 percent of those that were not partnerships in 1976 were not partnerships in 1975 either.

Characteristics of Partnerships

Of the selected partnerships, 81,738 were still operating in 1976. These partnerships operated 76.5 million acres of land and had sales of \$6.9 billion. These averaged 936 acres of land and \$84,730 in sales. This compared with averages of 534 acres of land and \$47,549 in sales for farms with sales of \$2,500 and over as reported in 1974.

Highlight of 1974 Partnerships Operating in 1976

Number of farms number	81,738
Land in farms acres	76,471,483
Farms with cropland number	77,867
acres	31,507,606
Harvested cropland , number, .	76,323
acres	23,906,728
Value of agricultural products	
sold\$1,000.	6,925,672
Farms by tenure:	-,020,012
Full owners number.	31,471
Part owners number.	34,406
Tenantsnumber.	34,406 15,861
	10,001
Farms by principal occupation:	
Farming number	66,266
Other number. ,	15,472
Farms by standard industrial	
classification:	
Cash grain farms	24,610
Cotton farms	1,668
Tobacco farms	3,230
Sugar crop, Irish potato, hay,	
peanut, and other field crop	
farms	3,314
Vegetable and melon farms	1,459
Fruit and tree nut farms	3,865
Horticultural specialty farms	1,455
General farms, primarily crop	2,565
Livestock farms, except dairy,	
poultry, and animal specialty.	22,871
Dairy farms	13,704
Poultry and egg farms	1,225
Animal specialty farms	404
General farms, primarily	
livestock	789
Farms not classified by SIC	579

Table 2. Changes in Farm Partnerships

	Table 2. C	nanges in	rarm Pa	rtnersn	ips		
				Partnersh	ips dissolve	d by 1976	
		1974 1975 1974				174	
	Total partnerships	partnerships operating in 1976	Total	Total	Percent of total	Total	Percent of total
United States	143,413	81,738	61,675	11,263	18.3	50,412	81.7
REGIONS							
Northeast North Central South West	6,898 74,415 44,339 17,761	5,318 39,785 25,048 11,587	1,580 34,630 19,291 6,174	534 5,620 3,378 1,731	33.8 16.2 17.5 28.0	1,046 29,010 15,913 4,443	66.2 83.8 82.5 72.0
DIVISIONS							
New England. Middle Atlantic East North Central. West North Central. South Atlantic. East South Central. West South Central. Mountain. Pacific. NEW ENGLAND	1,242 5,656 33,570 40,845 15,384 14,760 14,195 7,903 9,858	978 4,340 18,240 21,545 8,133 8,045 8,870 4,916 6,671	264 1,316 15,330 19,300 7,251 6,715 5,325 2,987 3,187	90 444 2,420 3,200 1,148 1,030 1,200 668 1,063	34.1 33.7 15.8 16.6 15.8 22.5 22.4 33.4	174 872 12,910 16,100 6,103 5,685 4,125 2,319 2,124	65.9 66.3 84.2 83.4 84.2 84.7 77.5 77.6 66.6
Maine	255	195	60	15	25.0	45	75.0
New Hampshire	99 330 252 39 267	78 252 210 27 216	21 78 42 12 51	12 21 18 6 18	57.1 26.9 42.9 50.0 35.3	57 24 6 33	42.9 73.1 57.1 50.0 64.7
New York	2,830 516	2,210 380	620 136	190 44	30.6 32.4	430 92	69.4 67.6
Pennsylvania	2,310	1,750	560	210	37.5	350	62.5
EAST NORTH CENTRAL Ohio	7,180 7,300 9,750 3,520 5,820	3,820 3,840 4,680 2,040 3,860	3,360 3,460 5,070 1,480 1,960	560 220 750 390 500	16.7 6.4 14.8 26.4 25.5	2,800 3,240 4,320 1,090 1,460	83.3 93.6 85.2 73.6 74.5
Minnesota	6,240	3,740	2,500	480	19.2	2,020	80.8
Iowa. Missouri. North Dakota South Dakota Nebraska. Kansas	11,280 7,040 3,720 2,950 4,740 4,875	5,430 3,680 1,930 1,500 2,610 2,655	5,850 3,360 1,790 1,450 2,130 2,220	1,020 360 350 270 330 390	17.4 10.7 19.6 18.6 15.5	4,830 3,000 1,440 1,180 1,800 1,830	82.6 89.3 80.4 81.4 84.5
SOUTH ATLANTIC					.		1
Delaware. Maryland. Virginia. West Virginia. North Carolina. South Carolina. Georgia. Florida. EAST SOUTH CENTRAL	230 990 2,690 420 5,460 1,344 2,670	122 561 1,570 288 2,320 732 1,370 1,170	108 339 1,120 132 3,140 612 1,300 500	19 69 180 40 440 100 220 80	17.6 20.4 16.1 30.3 14.0 16.3 16.9	89 270 940 92 2,700 512 1,080 420	82.4 79.6 83.9 69.7 86.0 83.7 83.1 84.0
Kentucky	7,280	3,960	3,320	220			
TennesseeAlabama. Mississippi	3,825 1,960 1,695	2,040 1,060 985	1,785 900 710	320 285 240 185	9.6 16.0 26.7 26.1	3,000 1,500 660 525	90.4 84.0 73.3 73.9
WEST SOUTH CENTRAL							}
Arkansas. Louisiana. Oklahoma. Texas.	2,190 1,365 2,780 7,860	1,290 820 1,720 5,040	900 545 1,060 2,820	220 130 190 660	24.4 23.9 17.9 23.4	680 415 870 2,160	75.6 76.1 82.1 76.6
MOUNTAIN					j		
Montana. Idaho. Wyoming. Colorado. New Mexico. Arizona. Utah. Nevada.	1,675 1,465 598 2,120 654 536 666 189	925 845 386 1,410 428 352 444 126	750 620 212 710 226 184 222 63	145 140 50 155 58 78 26 16	19.3 22.6 23.6 21.8 25.7 42.4 11.7 25.4	605 480 162 555 168 106 196 47	80.7 77.4 76.4 78.2 74.3 57.6 88.3 74.6
Washington. Oregon. California Alaska. Hawaii.	1,596 1,404 6,735 18 105	1,056 876 4,665 11 63	540 528 2,070 7 42	176 192 675 2 18	32.6 36.4 32.6 28.6 42.9	364 336 1,395 5 24	67.4 63.6 67.4 71.4 57.1

Over 80 percent of partnerships are owner-operated farms. Approximately 38.5 percent were full owners and over 42.0 percent were part owners. Of principal occupation, over 80 percent of partners are farmers. Over 58 percent of farm partnerships are primarily grain and livestock type. Slightly less than 17 percent of farm partnerships are dairy operations. No other type of standard industrial classification of farm comprises as much as 5 percent by type.

Of all partnerships 75.6 percent have just two partners, 16.4 percent have three partners, and 92 percent have less than four partners.

There were 194,633 partners (2.4 partners per partnership) involved in the 81,738 partnerships. There were 7,248 partners (8.7 partners per partnership) for the 834 partnerships with six partners and over

The 81,654 respondents to the household incuiry reported 1.8 households per partnership for all partnerships; 2.5 households per partnership for partnerships with three partners; 2.7 households per partnership for partnerships with four partners; 3.7 households per partnership for partnerships with five partners; and 6.7 households per partnership for partnerships with six partners and over.

Based on survey estimates, it appears that most farm partnerships are made up of relatives pooling assets for a common cause. Almost 90 percent of farm partnerships reported that some members of the partnership were related by blood or marriage; 2.9 of the partners are related for partnerships with three partners; 3.8 of the partners for partnerships with four partners; 4.6 of the partners for partnerships with five partners; and 7.6 of the partners for partnerships with six partners and over. Data on households and relatives are shown by subject in tables 25 thru 38.

Limited Partnerships

The survey also found estimates of limited farm partnerships. These are included in the tabulations showing ongoing partnerships.

The 178 limited partnerships are even larger than the average partnership, 6,303

acres compared with 936 acres for all farm partnerships. In fact, over 93 percent of these farms have more than 1,000 acres and the value of land and buildings is \$339 million, or \$1.9 million per limited partnership compared with \$314,514 per partnership for all farm partnerships.

Most limited partnership farms are

owner operated and capital intensive cattle and fruit farms with sales of \$74.3 million, or \$417,421 per farm compared with \$84,730 for all partnership farms. Slightly less than 93 percent of these farms had sales of over \$100,000 per farm.

Almost 61 percent of these operations are located in the West, 20 percent in North Central, and 18.5 percent in the South.

Table 3. Farm Partnerships, Partners, Households, and Relatives, by Number of Partners

(1974 partnerships operating in 1976)

	Partner	ships	Partnerships with households		Partnerships wit	h relatives
	Total	Partners	Total	Households	Total	Relatives
Partnershipsnumber	81,738	194,633	81,654	165,078	75,718	177,292
percent 2 partnersnumber	100.0	100.0 123,550	100.0 61,735	100.0	100.0 56,674	100.0
percent 3 partnersnumber	75.6 13,423	63.5 40,269	75.6 13,408	66.2 34,079	74.8 12,827	63.9 37,115
percent 4 partnersnumber	16.4 4,964	20.7 19,856	16.4 4,944	20.6 13,387	16.9 4,775	20.9 17,956
percent 5 partnersnumber	6.1 742	10.2 3,710	6.1 738	8.1 2,757	6,3 695	10.1 3,187
percent 6 partners and overnumber	0.9 834	1.9 7,248	0.9 829	1.7 5,516	0.9 747	1.8 5,686
percent	1.0	3.7	1.0	3.3	1.0	3.2

Table 4. 1974 Data on Limited Partnerships

(1974 p	artnerships	operating in 1976)	
Partnership farmsnumber	178	Market value of agricultural products	i ł
Land in farmsacres	1,122,001	sold\$1,000	74,301
Average size of farmacres	6,303	Partnerships by value:	·
		\$500,000 and over	134
	Į į	\$200,000 to \$499,999	22
Value of land and buildings\$1,000	338,975	\$100,000 to \$199,999	9
	1,904,353	\$40,000 to \$99,999	l ıíl
Average per farmdollars		\$20,000 to \$39,999	2
Average per acredollars	302		1
Partnerships by value:	'	\$10,000 to \$19,999	1 - 1
\$1 to \$9,999	-	\$5,000 to \$9,999	-
\$10,000 to \$19,999		\$2,500 to \$4,999	-
\$20,000 to \$39,999	-	Under \$2,500	- 1
\$40,000 to \$69,999	- '		1
\$70,000 to \$99,999	- '	Grains soldfarms	55
\$100,000 to \$149,999	-	\$1,000	4,971
\$150,000 to \$199,999	2	Tobacco soldfarms	-
\$200,000 to \$499,999	2	\$1,000	
\$500,000 and over	174	Cotton and cottonseed soldfarms	2
		\$1,000	871
		Field seeds, hay, forage and	}
Partnership farms by tenure:		silage soldfarms	21
Full owners	148	\$1.000	673
Part owners	20	Other field crops soldfarms	2
Tenants	10	\$1,000	18
Tenancs	_ **	Vegetables, sweet corn and	[-* [
]	melons soldfarms.	3
Burker with the forms burkers.	i	\$1.000.	5
Partnership farms by size: 1 to 9 acres	2	Fruit, nuts, and berries soldfarms	70
10 to 49 acres	2	\$1,000	11,631
50 to 69 acres	1 -		1 1
70 to 99 acres	2	Dairy products soldfarms	5
100 to 139 acres	1 -	\$1,000	631
140 to 179 acres	4	Cattle and calves soldfarms	85
180 to 219 acres	1	\$1,000	34,222
220 to 259 acres	_	Hogs and pigs soldfarms	15
260 to 499 acres		\$1,000	13,190
500 to 999 acres	2	Sheep, lambs and wool soldfarms	7
1 000 to 1 000	47	\$1,000	94
1,000 to 1,999 acres	119	Other livestock and livestock	
2,000 acres and over	117	products soldfarms	25
	ŀ	\$1,000	6,066
	1	Nursery and greenhouse products sold.farms	2
Partnership farms by SIC:	l	\$1,000	1,900
Cash grain farms (011)	11	Forest products soldfarms	7
Cotton farms (0131)	2	\$1,000	10
Tobacco farms (0132)	-	1	1
Sugar crop, Irish potato, hay, peanut, and	1	Partnership farms with machinerynumber	163
other field crop farms (0133, 0134, 0139)	4	\$1,000	21,734
Vegetable and melon farms (016)	-	Partnerships by age of oldest partner:	
Fruit and tree nut farms (017)	65	Under 25 years	{ _ {
Horticultural specialty farms (018)	2	25 to 34 years	4
General farms, primarily crop (0191)	5	35 to 44 years	41
Livestock farms, except dairy, poultry and	1	45 to 54 years	61
animal specialty (021)	67		77
Dairy farms (024)	2	55 to 64 years	
Poultry and egg farms (025)	-	65 years and over	32
Animal specialty farms (027)	20	Partnerships by principal occupation:	
General farms, primarily livestock (0291)	-	Farming	104
Farms not classified by SIC	-	Other	74
	└		<u> </u>

Limited partnerships average 10.9 partners per partnership, compared with 2.4 partners per partnership for all farm partnerships. There were 1,460 limited partners or 8.2 limited partners per partnership involved in these partnerships. These partnerships averaged 8.5 households per partnership compared with 2.02 for all farm partnerships.

The concept of limited partnerships in agriculture appears to be relatively a new one. Over 92 percent of the 178 limited partnerships started farming or ranching in 1960 or later.

All of the limited partnerships responded to the contingency plan inquiry. An overwhelming majority of limited partnerships, 82 percent, indicate that they plan to continue with remaining partners, heirs, or add new partners in the event one or more of the partners withdraws or dies. Only 14 percent indicate that their operation would dissolve and their shares be distributed under such environment. Less than 4 percent of the limited partnerships are without contingency plans.

Of expected organizational changes during 1977, 1978, or 1979, 68 percent of the limited partnerships indicated that they intend to remain the same. Only 2.8 percent have plans for decreasing partners, while 7.3 percent plan to incorporate. The expected corporations will have 132 shareholders or 10.2 shareholders per corporation. However, an alarming 21.9 percent of these partnerships indicate that they plan to discontinue business.

Partnerships by Year Began

The concept of farm partnerships is not new. Of the 80,641 farms responding to the year began inquiry, over 26,000 or 32.3 percent of these operations started

before 1960. These farms operated an average of 1,042 acres of land and had sales of over \$95,000 per farm. At the other end of the spectrum, the 44,947 farm partnerships that started after 1964, operated an average of 888 acres and had sales of almost \$77,000 per farm. More detailed data on farm partnerships by year began can be seen in table 30.

Type of Agreement

The facsimile below shows the inquiry for type of partnership agreement. Response to this inquiry was required. Less than 21 percent of farm partnerships have written documents drawn up by lawyers. These 17,083 parnerships account for 45,294 (23.3 percent) of the partners involved in partnerships. Over 9 percent of the partnerships have other written agreements. A major share, (69.2 percent), of farm partnerships are strictly informal, that is, the agreement is oral only. However, the larger the number of partners, the greater is the tendency to be formal. Only 27.6 percent of the partnerships with two partners have written agreements. Almost 33 percent of the

Table 5. 1976 Data on Limited Partnerships

(1974 p.	artnerships	operating in 1976)	
Limited partnerships. Partners involved. Limited partners. General partners: One or more individuals. A corporation. Other. Limited partnerships with households. Households involved. Limited partnerships with relatives. Partners involved. Related partners. Partners involved in limited partnerships: 2 partners.	178 1,929 1,468 144 29 5 178 1,505 89 1,158 1,077	Contingency plans for limited partnerships: Continue with remaining partners. Dissolve and distribute shares. No plans or provisions made. Other. Expected organ'zational changes of limited partnerships during 1977, 1978, and 1979: No change. Add more partners. Decrease number of partners. Incorporate. Expected number of shareholders. Change to sole proprietorship. Discontinue business.	146 25 7 - 121 13 132 - 39
4 partners. 5 partners and over. Limited partnerships by year began: Since 1970. 1965 to 1969. 1960 to 1964. 1950 to 1959. 1940 to 1949. Before 1940. Not reported.	45 6 110 95 30 39 2 7	Assets on limited partnerships: Land and buildingsnumber. Value	178 338,975 1,904,354 163 21,734 133,337 99 39,800 402,020

Table 6. Year Partnerships Began by Farms, Land in Farms, and Value of Agricultural Products Sold

(tri paraletality operating as 200)							
Farms		Land in farms		Value of agricultural products sold			
Number	Percent	Acres	Average per farm (acres)	Value (\$1,000)	Average per farm (dollars)		
81,738	100.0	76,471,483	936	6,925,672	84,730		
29,418 15,529 9,614 13,741 9,167 3,172	36.0 19.0 11.8 16.8 11.2 3.9	24,991,254 14,921,050 8,177,173 15,096,447 8,972,004 3,109,374	850 961 851 1,099 979 980	2,349,330 1,107,781 877,597 1,433,290 851,919 192,709	79,860 71,336 91,283 104,308 92,933 60,753 103,050		
	Number 81,738 29,418 15,529 9,614 13,741 9,167	Number Percent 81,738 100.0 29,418 36.0 15,529 19.0 9,614 11.8 13,741 16.8 9,167 11.2 3,172 3.9	Number Percent Acres 81,738 100.0 76,471,483 29,418 36.0 24,991,254 15,529 19.0 14,921,050 9,614 11.8 8,177,173 13,741 16.8 15,096,447 9,167 11.2 8,972,004 3,172 3.9 3,109,374	Number Percent Acres Average per farm	Number Percent Acres Average per farm Value (\$1,000)		

3.	What type of partnership is this?	025 1 Legal partnership (legal document drawn
	Mark (X) ONE only	up by lawyers)
		2 Other form of written agreement binding on the partners
		3 ☐ Oral agreement only
		4 Other arrangement - Describe ,
		_

partnerships with three partners have written agreements. However, over 50 percent of partnerships with four partners or more, have written agreements. Detailed characteristics on partnerships by type of agreement can be seen in table 29.

Related and Nonrelated Partnerships

Of the 81,738 on-going partnership concerns, 75,660 (92.6 percent) were related partnerships. That is, at least half of the members of the partnership were related by blood or marriage and 6,078 (7.4 percent) were nonrelated partnerships. For survey purposes, nonrelated partnerships are defined as partnerships where less than half of their members are related by blood or marriage.

Nonrelated partnerships tend to be slightly smaller than the average partnership, 816 acres compared with 936 acres. Additionally, the sale of agricultural products from nonrelated partnerships is smaller than the average partnership, \$68,603 compared with \$84,730, respectively. Tables 33 and 34 show detailed characteristics for related partnerships by age differences of oldest and youngest partner, while table 35 shows detailed characteristics for nonrelated partnerships.

Household Characteristics of Partners

The survey obtained estimates for household characteristics of partners for up to five principal partners. There were 80,904 partnerships with less than 6 partners and 187,385 partners involved.

Eighty-two percent of these partners headed their households. However, the number of household heads does decline as the number of partners in the partnership increases. Of the 123,550 partners in partnerships with 2 partners, 106,302 (86.0 percent) headed their households. At the other end of the spectrum, only 60 percent of the 3,710 partners in partnerships with 5 partners headed their households.

The sale of agricultural products from farm partnerships tends to be the principal source of income for 130,595 partners and their families, or 69.7 per-

cent of the 187,385 partners. For partnerships with two partners, the sale of agricultural products from farm partnerships was the principal source of income for 72 percent of the partners. This demographic measure also declined as the number of partners in the partnership increased. In fact, the sale of agricultural products for farm partnerships was the principal source of income for slightly less than 50 percent of the 3,710 partners in partnerships with five partners.

As a rule, it appeared that the operating of 936 acres per partnership was enough to keep most partners busy. In fact, over 71 percent of the partners spent more than 50 percent of their work time on the partnership farm or ranch. Further, less than 27 percent of the partners worked off the farm 100 or more days.

Only 23,861 (12.7 percent) of farm partnership partners are engaged in other farming or ranching operations. However, the survey does not provide measure as to

how many of these partners were engaged in the same farming operation.

Tables 25 thru 38 show household characteristics of farm partners by subject.

Age of Partners

All respondents were asked to provide an age for the partners in their partnership, for up to five principal partners. The average age of partners involved were:

50 N

Partnershine with two nartners

rattherships with two partners	ວບ.ບ
Average age of oldest partner	58.2
Average age of other partner	41.9
Partnerships with three partners	48.8
Average age of oldest partner	62.4
Average age of other partners	42.0
Partnerships with four partners	47.5
Average age of oldest partner	60.6
Average age of other partners	43.1
Partnerships with five partners	47.7
Average age of oldest partner	64.0
Average age of other partners	43.7
Partnerships with six partners	
and over	47.2
Average age of oldest partner	60.6
Average age of other partners	43.8

Table 7. Farms by Type of Partnership Agreement

(1974 partnerships operating in 1976)

	į	Type of agreement				
	Total	Legal document	Other written	Oral	Other	
Partnership farmsnumber	81,738 100.0	17,083 20.9	7,715 9.4	56,558 69.2	382 •5	
Partnership farms with	() 775		. 770	44.006		
2 partnersnumber	61,775	11,267 18.2	5,778 9.4	44,396 71.9	334 •5	
3 partnersnumber	13,423	3,173	1,234	8,997	19	
percent 4 partnersnumber	100.0 4,964	23.6 1,946	9.2 558	67.0 2,436	.1 24	
percent 5 partners and overnumber	100.0	39.2 697	11.2 145	49.1 729	.5 5	
percent	100.0	44.2	9.2	46.3	.3	

Table 8. Partnerships by Related and Nonrelated Partners

(1974 partnerships operating in 1976)

		Land in farms		Value of ag	
	Farms	Acres	Average per farm (acres)	Value (\$1,000)	Average per farm (dollars)
artnerships	81,738 75,660 6,078	76,471,483 71,512,831 4,958,652	936 945 816	6,925,672 6,508,701 416,971	84,730 86,026 68,603

Table 9. Partnerships With Household Characteristics by Number of Partners

[Total	2 partners	3 partners	4 partners	5 partners
artherships Household head Parthership provides principal income Partners working 50 percent and over on farm. Partners working off farm 100 days and over Partners involved in another farm	80,904 187,385 153,711 130,595 133,188 49,791 23,861	61,775 123,550 106,302 89,021 91,913 30,413 14,936	13,423 40,269 32,488 27,603 27,353 11,011 5,719	4,964 19,856 12,694 12,124 12,203 6,957 2,643	742 3,710 2,227 1,847 1,719 1,410

The average age of partners involved in the 81.738 partnerships was 49.4 years. In general, most partnerships show a substantial range of ages between the oldest and youngest partners, thus, indicating that the partnership structure is being used widely as a means to bring in and involve younger family members in the operation and to provide a means of intergenerational transfer. The average age of partners for partnerships with two partners was 50.0 with 58.2 being the average age of the oldest partner and 41.9 the average age of the other partner involved. Looking at partnerships with three partners, the average age of the oldest partner was 62.4 years, while the average age of the other partners was 42.0. For partnerships with four partners, the average age of the oldest partner was 60.6 years as opposed to 43.1 years for the other partners. For partnerships with five partners, the average age of the oldest partner was 64.0 years and the average age of other partners was 43.7 years. Detailed data on age by subjects are available in tables 25 thru 38.

Expected Organizational Changes

Existing partnerships were requested to indicate expected organizational changes during 1977, 1978, or 1979. Of the 80,500 partnerships which responded to this inquiry, 67,500 or almost 84 percent indicated that they don't plan any changes. These partnerships operated an average of 902 acres with average sales \$84,500. The 1,459 partnerships which indicated that they expected to add more partners had sales of \$146,100 per farm compared with the sales of less than \$90,000 per farm reported by the 1,454 partnerships which indicated that they expected to decrease the number of partners.

Often it has been stated that the partnership organizational structure is a stepping stone to the corporate organizational structure. The evidence of this survey is not overwhelming. However, it is noteworthy that the 1,421 farm partnerships which plan to incorporate had average sales of \$172,347, or more than 2 times the average sales for all partnerships reporting this item. These farms operated 1.7

million acres of land, and they expect to incorporate with 5,314 shareholders, or 3.7 shareholders per corporation.

The largest two categories of expected organizational changes are 1. change to sole proprietorship and 2. discontinue business, 4,182 and 4,106 farms respectively. The 4,182 farms that expect to change to the sole proprietorship operated 4.6 million acres and had sales of \$68,677 per farm, or 19 percent less than the average partnership. The 4,106 farm partnerships who expect to discontinue business had the lowest sales per farm at \$55,700. Detailed data by expected organizational change are shown in table 31.

Contingency Plans

Total Con Dis

Respondents were requested to indicate the contingency plans of their operations. That is, what would happen to their operation if one or more of the partners withdrew or died? Over 50 percent of the respondents indicated that their operation would continue with remaining partners, heirs, or add new partners. Such farms operated slightly less than 1,100 acres per farm and had sales of \$4.1 billion, or almost \$100,000 per farm. Almost 14 percent of the respondents indicated that their operation would dissolve, and the shares be distributed.

Such operations averaged slightly more than 1,000 acres per farm and had sales of \$83,600 per farm. Slightly more than 35 percent of the farms indicated that no plans or provisions had been made. Note that these 28,835 farms averaged 671 acres per farm and had sales of less than \$64,000 per farm. Detailed data by contingency plans are available in table 29.

Contingency plans by number of partners in partnership reveals some interesting results. For partnerships, with two partners, slightly less than 45 percent indicated that they plan to continue with remaining partners heirs, or add new partners. However, for partnerships with four partners or more over 72 percent have contingency plans; 72.5 percent, 75.9 percent; and 78.8 percent for partnerships with four partners, five partners, and six partners or more, respectively.

On the whole, slightly less than 14 percent of the partnerships indicated that they intend to dissolve and distribute the shares of the partnerships. For partnerships with two partners, 16.1 percent planned to dissolve and distribute the shares. For partnerships with three partners, only 7.4 percent of the partnerships indicated such action.

Of the partnerships without contingency plans by number of partners in

Table 10. Expected Organizational Changes of Farm Partnerships

(1974 partnerships operating in 1976)

Percent	Acres	Average per farm (acres)	Value (\$1,000)	Average per farm (dollars)
83,8 1.8 1.8 1.8 5.2	2,546,428 1,584,188 1,727,513 4,626,122	940 901 1,745 1,090 1,216 1,106	6,829,626 5,701,913 213,139 130,247 244,905 287,209	84,822 84,485 146,085 89,578 172,347 68,677 55,700
	1.8 1.8 5.2 5.1	1.8 1,584,188 1.8 1,727,513 5.2 4,626,122 5.1 3,957,086	1.8 1,584,188 1,090 1.8 1,727,513 1,216 5.2 4,626,122 1,106 5.1 3,957,086 964	1.8 1,584,188 1,090 130,247 1.8 1,727,513 1,216 244,905 5.2 4,626,122 1,106 287,209 5.1 3,957,086 964 228,704

Table 11. Contingency Plans for Farm Partnerships

	Farms		Land i	n farms	Value of agricultural products sold		
	Number	Percent	Acres	Average per farm (acres)	Value (\$1,000)	Average per farm (dollars)	
partnerships. trinue with remaining partners. solve and distribute shares plans or provisions her plans ms not reporting.	81,738 40,956 11,329 28,835 329 289	50.1 13.9	76,471,483 44,586,868 11,563,917 19,355,548 798,190 166,960	936 1,089 1,021 671 2,426 578	6,925,672 4,091,285 947,320 1,841,183 24,793 21,091	84,730 99,895 83,619 63,852 75,350 72,980	

the partnership, 38.4 percent of the partnerships with two partners are without plans and 28.7 percent of the partnerships with three partners are without plans, as compared with 20.6 percent of the partnerships with four partners, 16.4 percent of the partnerships with five partners, and 13.8 percent of the partnerships with six partners or more.

Entry into Partnership

The Survey of Farm or Ranch Partnership Operations found that 12,320 or 15.1 percent of the farm partnerships were already in existence at the time they began farming. Of these partnerships, 8,636 had some partners who were already farming and 3,267 had none of their partners farming at the time the partnership began farming. Note that both the 3.267 operations with no partners farming and the 417 who did not report have relatively small operations, 422 acres per farm and 375 acres per farm, respectively. Detailed data on the formation of partnerships and initiation of farming or ranching are shown in table 32.

Other Business Interests

The survey also attempted to obtain estimates for farm partnerships engaged in other businesses and partners engaged in other business activities.

Table 12. Percent Distribution of Contingency Plans by Number of Partners (1974 partnerships operating to 1976)

(art partnerships operating in 1770)						
	Total partnerships	2 partners	3 partners	4 partners	5 partners	6 partners and over
Partnerships		100.0	100.0	100.0	100.0	100.0
Continue with remaining partners Dissolve and distribute shares	13.9	44.8 16.1	63.1 7.4	72.5 5.9	75.9 7.1	78.8 6.2
No provisions made	35.3	38.4	28.7	20.6	16.4	13.81

Table 13. Partners Entering Into Partnerships

(1974 partnerships operating in 1976)

Not reported.....

	Par	ms.	Land in	farms
	Num- ber	Per-	Acres	Average per farm (acres)
Partnerships in existence before farming. Some partners farming No partners farming. Not reported	12,320 8,636 3,267 417	100.0 70.1 26.5 3.4	8,827,654 7,293,145 1,378,172 156,337	717 845 422 375
Partnerships not in existence before farming	69,418 56,492 11,979 947		67,643,829 57,682,793 9,473,506 487,530	974 1,021 791 515

Of the 81,738 partnerships, 74,931 or 91.7 percent of these partners are engaged in farming only. Of the farm partnerships that are engaged in other businesses, 2,978 or 3.6 percent are engaged in farm-related businesses and 3,829 or 4.7 percent of the partnerships were also engaged in nonfarm-related businesses.

Of the farm partnerships, almost 71,000 or 86.7 percent, did not have any partners engaged in other businesses and 2,782 or 3.4 percent had at least one partner engaged in a farm-related business or activity. Approximately 8,100 or 9.9 percent, of the farm partnerships had at least one partner engaged in a nonfarm-related business.

.4

.5

Detailed data on partnerships and other business interest are shown in table 39 while detailed data on partners and other business interests can be seen in table 40.

Value of Assets

The survey requested the value of selected assets as of December 31, 1976. The facsimile below shows the inquiries for the selected assets. Moreover, respondents were also requested to provide percentage estimates for the ownership of these assets.

Partnership operation

a. Regardless of ownership, report the total market value of the assets listed below which were controlled by this partnership and used in this farm or ranch business; then estimate the percentage of these assets that are owned by individual partners in column (b), the partnership in column (c), or others who are not members of the partnership in column (d).

		PERCEN (Columns (b			
ASSETS USED IN THIS FARM OR RANCH BUSINESS	Estimated total market value of assets on December 31, 1976 (Dollars only)	Percentage owned individually by one or more members of this partnership	Percentage owned by partnership	Percentage owned by others not members of partnership (Include rented or leased assets)	TOTAL PERCENT
	(a) .	(b)	(c)	(d)	(e)
(1) Land and buildings (Include rented land)	101	102 %	103 %	104 %	100%
(2) Farm machinery and equipment (Include leased machinery and equipment.)	\$	112	113	114	100%
(3) Livestock and poultry on hand	\$	122 %	123	124	100%

The value of land and buildings operated averaged \$391,100 per farm. The machinery and equipment totaled \$4.8 billion or \$58.603 per farm. The value of livestock and poultry was reported by 70 percent of the farms and amounted to \$2.7 billion or \$46,734 per farm.

Of the ownership of land and buildings utilized in farm partnerships, 51.2 percent of the partnerships reported that none of the land and buildings were owned individually by one or more of the partners, 44.6 percent of the partnerships do not own any, and 67.7 percent of the partnerships indicated that none were owned by others who are not members of the partnership. For land and buildings owned by one or more of the individual partners involved in the partnership. 20,634 or 25.2 percent reported that all of the land and buildings are owned by the partner(s). Slightly more than 27,500 indicated that all of the land and buildings are owned by the partnership, and only 6,962 of the respondents indicated that all of the land and buildings are owned by sources not connected with the partnership.

For the other two selected assets, the ownership by sources not connected with the partners or the partnership is of minor significance. For machinery and equipment and livestock and poultry, over 97 percent of the partnerships indicated that less than 30 percent are owned by sources not connected with the partners or the partnership.

Sources of Operating Expenses

The survey obtained a measure of the contributing source of the operating expenses for farm partnerships. The facsimile on page 12 shows the inquiry.

Respondents were requested to provide percentage estimates of the proportion of the operating expenses for crops and for livestock and poultry that were provided by: 1. one or more of the individual partners, 2. the partnership, and 3. others who were not members of the partnership.

On the whole, most operating expenses for farm partnerships were pro-

vided by individual partners or by the partnership itself. For crops, over 80 percent of the partnerships reported that the partnership provided 30 percent or more of crop operating expenses. Further, almost 74 percent of the farm partnerships indicated that less than 30 percent of the operating expenses were provided by one or more of the individual partners. Similarly, almost 80 percent of these respondents indicated that less than 30 percent of the operating expenses for livestock and poultry were provided by one or more of the partners. In fact, 72 percent for crops and 79 percent for livestock and poultry indicated that none of the operating expenses were provided by one or more of the individual partners.

Generally, there is an insignificant portion of operating expenses provided to farm partnerships by others not members of the partnership. Over 95 percent of the respondents indicated that none of their crop operating expenses were provided by others not members of the partnership. Almost 98 percent of the respondents indicated that none of their operating expenses for livestock and poultry were provided by others not members of the partnership.

The percent of operating expenses for crops and livestock and poultry provided by individual partners, partnerships, and others is:

		Livestock and
	Crops	poultry
Individual partners:		
None	59,114	64,549
100 percent	10,283	8,692
60 to 99 percent	2,150	1,211
30 to 59 percent	9,040	6,613
Under 30 percent .	1,151	673
Partnership:		
None	14,591	31,591
100 percent	52,959	40,553
60 to 99 parcent	2,661	1,200
30 to 59 percent	10,175	7,180
Under 30 percent .	1,352	1,214
Others:		
None	77,969	79,937
100 percent	220	68
60 to 99 percent	236	628
30 to 59 percent	1,723	666

1,590

439

Under 30 percent .

Sources of Labor and Management

The survey obtained a measure of the source of productive factors, labor and management. Are these input resources provided by partners or are they hired from the outside? See facsimile on page 12

As a rule, it can be said that farm partners provide a substantial portion of their labor. That is, almost 79 percent of the farm partnerships had between 60 percent and 100 percent of their farm labor provided by one or more of the partners. Less than 5 percent of the farms reported that the partners provided none of their labor and slightly more than 45 percent of these farms indicated that the partners provided all of their labor.

In comparison, over 95 percent of these partnerships have their managerial decisions made by the partners. Only 1.2 percent of the partnerships reported that they make none of their managerial decisions.

The percent of labor and management provided by partners is:

	Labor	Manage- ment
None	4,003 36,846 27,590 7,222 6,077	937 75,155 2,675 2,593 378

Table 14. Ownership of Assets by Individual Partners, Partnerships, or Others

		Machi-	Live-
	Land	nerv	stock
	and	and	and
	build-	equip-	poul-
	ings	ment	try
Ownership by individual			
partners:			
None	41,809	51,210	39,487
100 percent	20,634	19,321	9,711
60 to 99 percent	6,450	3,307	1,481
30 to 59 percent	9,194		5,910
Under 30 percent	3,651	1,425	725
,	-,	1,423	/23 }
Ownership by partnership:			
None	36,491	21,021	10,678
100 percent	27,546	48,924	38,065
60 to 99 percent	4,568	2,305	1,130
30 to 59 percent	8,410	7,010	6,493
Under 30 percent	4,723	2,428	948
	,	-,	
Ownership by others:			J
None	55,373	78,915	55,531
100 percent	6,962	1,179	526
60 to 99 percent	5,979	407	215
30 to 59 percent	7,806	663	736
Under 30 percent	5,618	524	306

Disposition of Farm Partnerships

As discussed earlier in the text, 11,263 of the selected partnerships indicated that they dissolved during 1975. These partnerships operated 8.7 million acres of land and had farm sales of \$76,750 per farm. Of these partnerships, 495 of them incorporated. These new corporations operated slightly more than 1,000 acres per farm, but had sales of approximately \$214,774 per farm. These 495 places incorporated with 1,808 shareholders or 3.7 shareholders per corporation.

Of the 11,263 partnerships that dissolved, 4,604 changed to sole proprietorships. These proprietors operated 806 acres per farm and had sales of \$74,456 per farm. Slightly less than 5,100 of the 11,263 places discontinued business. Places that discontinued business operated slightly more than 3.8 million acres and had sales of only \$66,371 per farm. De-

tailed data on these 11,263 farms are shown in tables 21 thru 24.

Information Returns (Form 1065)

The survey provides an estimate of the number of farm partnerships reporting information returns for the year 1975. Responses to this inquiry were tabulated as reported. Of the 81,738 on-going farm partnership concerns, 94 percent responded to the inquiry. Of the on-going concerns, 44,160 (54 percent) reported that they did file such a return for 1975. See facsimile below.

It appears that large partnerships have a greater tendency to file an information return. For partnerships with two partners, only 52.1 percent indicated that they filed form 1065 for 1975, and slightly less than 42 percent indicated that they did not file such a return. However, for partnerships with five part-

ners or more in the partnership, 68.2 percent indicated that the return was filed for their operations, while only 26.5 percent indicated that they had not filed a return.

In terms of value of agricultural products sold, slightly less than 81 percent of the farm partnerships with sales of \$500,000 and over indicated they filed form 1065 in 1975 for their operation. On the other hand, only 49.7 percent of the farm partnerships with sales of less than \$100,000 indicated that they filed form 1065.

For information returns by type of partnership agreement, 76.2 percent of the respondents who indicated that their operation was drawn up by lawyers also indicated that they filed form 1065. However, 47.5 percent of the 56,558 oral operations indicated that they did not file form 1065.

b. Estimate below the percentages of operating expenses contributed by individual partners in column (a), by the partnership in column (b), or by others who are not members of the partnership in column (c).

	PERCENTAGE OF TOTAL OPERATING EXPENSES PROVIDED (Columns (a) + (b) + (c) should equal 100%)			
OPERATING EXPENSES FOR PRODUCTION OF -	Percentage contributed individually by one or more of the partners	Percentage contributed by partnership	Percentage contributed by others not members of partnership	TOTAL PERCENT
	(a)	(b)	(c)	(d)
	131	132	133	·
(1) Crops	%	%	%	100%
	141	142	143	
(2) Livestock and poultry	%	%	%	100%

c. Estimate below the percentages of total labor and management provided by the partners in column (a), or hired from outside the partnership in column (b).

	•	LABOR AND MANAGEMENT b) should equal 100%)			
	Percentage provided by partners	Percentage hired from outside partnership		TOTAL PERCENT	
	(a)	(b)		(c)	
	151	153			
1) Labor		%	%	100%	
	161	163			
2) Management		76	%	100%	

11.	Partnerships have an option of filing a partnership information return (IRS Form 1065) for Federal income tax purposes. Was such a return filed for this partnership in 1975?	1 Yes SKIP to item 13
	Provide the second of the second seco	

(1

(2