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Farmer Cooperative Statistics, 1985



ABSTRACT

FARMER COOPERATIVE STATISTICS, 1985 by Ralph M. Richardson, Celestine C. Adams, Katherine C. DeVille, Beverly L. Rotan, and John W. Stutzman, Cooperative Management Division, Agricultural Cooperative Service, U.S. Department of Agriculture, Washington, D.C. 20250, ACS Service Report 17, December 1986.

A survey of U.S. farmer cooperatives for calendar year 1985 showed a drop in business volume and a continuing decline in number of organizations and memberships. Gross business and net business volume are reported for 5,625 cooperatives. Business volume, number of cooperatives, and cooperative memberships are reported by commodity and State for those cooperatives classified as marketing, farm supply, and related service. Cooperative growth trends show changes in cooperative members, business size, sales volume, and share of marketing and purchasing activity. Data on balance sheet and net margins and selected activities of other service organizations are presented.

Key words: cooperatives, statistics, business volume, memberships, balance sheet, net margins.

ACS Service Report 17, December 1986.

PREFACE

Farmer cooperative statistics are collected annually to provide information on the progress and trends in cooperatives' growth and development. Many people use these statistics for various purposes such as research, technical assistance, education, planning, and public policy. Acquiring, analyzing, and disseminating farmer cooperative statistics are authorized by the Cooperative Marketing Act of 1926.

This report provides detailed information on the number, membership, and business volume of farmer cooperatives classified by commodity, State, and functional type. Both gross (includes intercooperative business) and net (excludes intercooperative business) dollar volumes of cooperatives are shown.

Basic information is provided on the balance sheet and net margins of farmer cooperatives by principal product marketed and major functional type.

Data are collected from individual farmer cooperatives by mail survey of organizations identified by Agricultural Cooperative Service (ACS), as meeting the requirements of the ACS definition of a farmer cooperative.

A combination of census and sampling procedures are employed to reduce the work of collecting and assembling data, to reduce respondent burden, and to enable more timely publishing of statistics.

A full census of all farmer cooperatives is conducted every 4 years. Stratified random samples are used in the alternate years. The 1985 survey is a sample enumeration.

ACS depends on the cooperative community's response to its annual survey to develop a detailed and comprehensive set of statistics on farmer cooperatives. The time and effort taken to provide information and the rapidity with which it is furnished are greatly appreciated.

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HIGHLIGHTS

The 1985 survey of marketing, farm supply, and related service cooperatives showed a decline in business volume and number of memberships and organizations as well as a decrease in net margins.

Total gross business volume (including intercooperative business) handled by cooperatives amounted to \$85.1 billion, down 12.2 percent from \$96.9 billion in 1984.

Total net business, excluding business done between cooperatives, amounted to \$65.6 billion, down 10.2 percent from the \$73 billion in 1984.

The total number of cooperatives dropped from 5,782 to 5,625, a net decrease of 157 associations. Each year, new cooperatives are formed and others disappear as they go out of business due to consolidation, merger, acquisition, or unsuccessful operations.

Cooperative memberships of 4,841,749 dropped to 4,781,216 in 1985, a decrease of 1.3 percent.

The gross value of farm products marketed by cooperatives amounted to \$57 billion, a decrease of 15.7 percent from \$67.6 billion. The net value of these farm products, after eliminating duplication resulting from intercooperative business, amounted to \$47.3 billion, a 13.3-percent decrease from \$54.6 billion.

The gross value of farm supplies handled by farmer cooperatives amounted to \$26.4 billion, decreasing 4.7 percent from \$27.7 billion in 1984. The net value of these supplies, after intercooperative business was eliminated, amounted to \$16.6 billion, down 1.9 percent from \$17 billion.

Receipts for services related to marketing farm products and handling farm supplies amounted to \$1.6 billion, an increase of 7.8 percent from \$1.5 billion.

Combined assets for all farmer cooperatives totaled \$27.8 billion, down 4.8 percent from the \$29.2 billion for 1984. Net assets, after eliminating intercooperative investments, were \$24.5 billion in 1985, compared with \$26.2 billion in 1984, a 6.5-percent decrease.

Total liabilities were \$15.7 billion in 1985, down 7.5 percent from \$17 billion reported in 1984.

Net worth, or member and patron equity, decreased nearly 1.1 percent from \$12.2 to \$12.1 billion. Member and patron equity financed 43.4 percent of total assets, up from 41.7 percent.

Farmer cooperatives' net margins were more than \$775 million, a 23.1-percent decrease from the \$1.01 billion in 1984. The \$775 million included intercooperative dividends and refunds of \$210 million--up 13.2 percent from \$185 million in 1984.

Iowa was the leading State in combined marketing, farm supply, and related service volume, with more than \$5.9 billion, representing 9 percent of total net business volume. California ranked second with \$5.8 billion, 8.8 percent of total and Minnesota ranked third with more than \$5.4 billion, 8.3 percent of the total.

Minnesota had the most cooperatives with 566, North Dakota was second with 391, and Texas followed closely with 387.

Highlights Capsule

	1985	1984
Number of Cooperatives	5,625	5,782
Memberships	4,781,216	4,841,749
Business volume (\$1,000)	65,601,440	73,046,540
Net margins (\$1,000)	775,497	1,008,567
Total assets (\$1,000)	27,778,570	29,181,896

Leading States:

	1985	1983
Number of cooperatives	Minnesota (566)	Minnesota (673)
Memberships	Minnesota (423,983)	Minnesota (488,497)
Business volume (\$1,000)	Iowa 5,916,227	Iowa 5,757,965

I--DEFINITION OF A FARMER COOPERATIVE

For inclusion in the annual survey, a cooperative is defined as one that meets the following requirements:

(1) Farmers or agricultural producers hold the controlling interest in the cooperative; (2) no member of the cooperative is allowed more than one vote because of the amount of stock or membership capital owned, or the cooperative does not pay dividends on stock or membership capital in excess of 8 percent a year, or the legal rate in the State, whichever is higher; and (3) the cooperative does not deal in products of nonmembers in an amount greater in value than it handles for its members.

This definition may result in showing a larger or smaller number of farmer cooperatives than found in lists or directories of State agencies or cooperative councils. Agricultural Cooperative Service (ACS) includes only marketing, farm supply, and related service cooperatives on its list. Livestock shipping associations and wool pools are included as marketing cooperatives. Many State lists include other types of cooperatives such as production, credit, telephone, electric, and consumer cooperatives as well as those that do not fulfill ACS's definition. Another reason for differences in the count or number of cooperatives is that cooperatives may operate in a specific State for a considerable period of time before they are included in the national survey. This may be due to one of the following reasons: (1) ACS may not learn of the existence of the cooperative immediately; (2) the cooperative may not have completed and returned the initial questionnaire; or (3) no notification is received of a cooperative that quits operating.

Readers who wish to make comparisons from year to year in specific commodity groups, therefore, should keep in mind the differences in lists and classifications in State and Federal data.

Classification of Cooperatives

Statistics are presented according to a cooperative's major function or classification, such as marketing, farm supply, and related service. These classifications are defined as follows:

Marketing cooperatives are associations whose primary business is marketing farm products for members--that is, more than 50 percent of total dollar volume was derived from the sale of members' farm products. Marketing cooperatives are further classified according to which major commodity of 13 classifications is predominant (in terms of dollar volume) in each association's business. If a cooperative consistently indicates it is handling a larger volume of a commodity than the one it was originally organized to handle, and which provided the basis for its initial classification, it is reclassified by the commodity currently representing the predominant product in its business volume.

Cooperatives first furnished data by individual commodities handled and services performed in the 1950-51 survey. ^{1/} Cooperatives operating on a multistate basis were asked to furnish information on memberships and business volumes for the individual States they served. Before that time, all memberships and business were credited to the States in which each association maintained its headquarters.

^{1/} A detailed discussion of the revisions initiated in statistical methods in 1950-51 was given in Statistics of Farmers' Marketing, Purchasing, and Service Cooperatives, 1950-51, U.S. Dept. Agri., Farm Credit Admin., Misc. Rpt. 169, pp. 1-3.

Farm supply cooperatives are those whose farm supply business accounted for more than 50 percent of total dollar volume.

Farm supply cooperatives include those handling all types of farm production supplies and equipment such as feed, seed, fertilizer, petroleum products, farmstead equipment, and building supplies. Some also handle farm and home items such as heating oil, lawn and garden equipment, and food.

Major functions of related service cooperatives are trucking, storing, drying, artificial insemination, or similar services related to marketing or farm supply activities.

Many cooperatives handle more than one commodity and provide both marketing and farm supply facilities, as well as facilities and equipment to perform related services such as storing, drying, and trucking. These associations are classified according to the predominant commodity or function as indicated by their business volumes.

Additional data on the number, participation, and activity of other types of service cooperatives or organizations, such as rural electric cooperatives, production credit associations, rural credit unions, and dairy herd improvement associations, are summarized.

Organizational Structures

Centralized

Most farmer cooperatives are centralized organizations. Individual farmers make up the membership. These 5,444 centralized cooperatives usually serve a local area or community, county, or several counties. Most local associations usually perform a limited number of the first steps of marketing. In farm supply associations, practically all sales are at the retail level. A few centralized cooperatives operate over large geographic areas and have members in several States. They often provide more vertically integrated services such as processing farm products or manufacturing feed and fertilizer.

Bargaining associations usually have centralized organizational structures. These associations derive all or a major portion of business volume from negotiating with distributors, processors, and other buyers and sellers over price, quantities, grade, terms of sale, and other factors involved in marketing farm products; only a few bargain for the purchase of farm supplies. While the primary function of such an association is to bring buyers and sellers together to contract for the sale of members' products, many bargaining associations now perform additional functions. For example, dairy bargaining associations at one time generally performed only price negotiation. Now, many perform additional functions, such as physically handling a portion of the milk and making spot sales for their patrons. Bargaining associations, like other dairy marketing cooperatives, represent their members at Federal or State milk marketing order hearings.

Federated

Federated cooperatives comprise two or more member associations organized to market farm products, purchase production supplies, or perform bargaining functions.

Member associations often operate at points quite distant from federation headquarters. One hundred and eight federated cooperatives have been identified. Individual farmers are not members of strictly federated associations; rather, they

are members of cooperatives that comprise the federation--sometimes called a regional cooperative. Also, some federations are made up of regional cooperatives--often called interregional associations.

Mixed

A small number of cooperatives have both individual farmer-members and autonomous cooperative members. Therefore, these associations are a combination of both the centralized and federated structures. Often, these cooperatives serve large geographic areas with members in many States and provide a variety of integrated services. Seventy-three cooperatives have been identified as having a "mixed" structure.

II--COOPERATIVE GROWTH TRENDS

As cooperatives declined in number, they grew in size and increased their importance as purchasers of supplies and marketers of products for members. Business volume of farmer cooperatives increased more than 1 1/2 times (with some fluctuation in the early 1980's) in the decade between fiscal year 1976 and calendar year 1985.

Number of Organizations

The total number of marketing, farm supply, and related service cooperatives declined from 7,535 in 1976 to 5,625 in 1985 (table 1 and fig. 1). The number of marketing cooperatives declined from 4,658 to 3,441 and farm supply cooperatives from 2,731 to 2,036. Number of service cooperatives increased from 146 to 148.

Business Size

Measured by annual gross business volume, farmer cooperatives increased in size. Although the majority of cooperatives remain small and primarily serve local areas, a growing number are seeking regional, national, or even international markets as a means of business growth and survival.

The increased size of individual cooperatives comes in part from mergers and consolidations. However, data used were not adjusted for changes in price levels and some size changes are due in part to inflationary effects.

In 1985, 90.6 percent of all farmer cooperatives reported business volumes of less than \$15 million, representing 20.6 percent of the total gross dollar volume (table 2). Only 1.2 percent of farmer cooperatives reported business volumes of \$200 million or more. These cooperatives, however, accounted for 53.6 percent of total sales compared with 45.1 percent in 1976.

The 100 largest cooperatives (usually operating over large geographic areas) make up an important segment of farmer cooperatives. During 1976, the 100 largest cooperatives accounted for about \$31.5 billion, or 56.4 percent of total gross business volume. By 1985, the 100 largest cooperatives ^{2/} accounted for more than \$49.6 billion in business volume, 58.3 percent of the total. These cooperatives, however, directly and through member cooperatives serve a large proportion of the total memberships.

^{2/} Based on amount of annual gross sales (includes intercooperative sales) but without regard to size of assets.

Table 1--Number and percentage of predominantly marketing, farm supply, and related service cooperatives, selected years

Period <u>1/</u>	Marketing		Farm supply		Related service		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1950-51	6,519	64.8	3,283	32.6	262	2.6	10,064	100.0
1955-56	6,284	63.5	3,375	34.1	235	2.4	9,894	100.0
1960-61	5,727	62.5	3,222	35.2	214	2.3	9,163	100.0
1961-62	5,626	62.2	3,206	35.5	207	2.3	9,039	100.0
1962-63	5,502	61.8	3,211	36.0	194	2.2	8,907	100.0
1963-64	5,421	61.3	3,226	36.5	200	2.2	8,847	100.0
1964-65	5,305	61.8	3,085	35.9	193	2.3	8,583	100.0
1965-66	5,194	62.4	2,949	35.4	186	2.2	8,329	100.0
1966-67	5,076	62.5	2,871	35.3	178	2.2	8,125	100.0
1967-68	4,929	62.1	2,835	35.7	176	2.2	7,940	100.0
1968-69	4,773	61.6	2,793	36.1	181	2.3	7,747	100.0
1969-70	4,834	62.1	2,775	35.6	181	2.3	7,790	100.0
1970-71	5,097	63.7	2,731	34.2	167	2.1	7,995	100.0
1971-72	4,864	62.4	2,781	35.7	152	1.9	7,797	100.0
1972-73	4,897	62.3	2,801	35.7	156	2.0	7,854	100.0
1973-74	4,822	62.2	2,778	35.8	155	2.0	7,755	100.0
1974-75	4,770	62.4	2,729	35.7	146	1.9	7,645	100.0
1975-76	4,658	61.8	2,731	36.3	146	1.9	7,535	100.0
1976-77	4,008	59.5	2,593	38.5	135	2.0	6,736	100.0
1978 <u>2/</u>	3,930	59.6	2,550	38.6	120	1.8	6,600	100.0
1979	3,825	59.3	2,507	38.9	113	1.8	6,445	100.0
1980	3,808	60.5	2,369	37.7	116	1.8	6,293	100.0
1981	3,743	60.3	2,356	37.9	112	1.8	6,211	100.0
1982	3,714	60.7	2,299	37.5	112	1.8	6,125	100.0
1983	3,647	60.9	2,208	36.9	134	2.2	5,989	100.0
1984	3,514	60.8	2,136	36.9	132	2.3	5,782	100.0
1985 <u>3/</u>	3,441	61.2	2,036	36.2	148	2.6	5,625	100.0

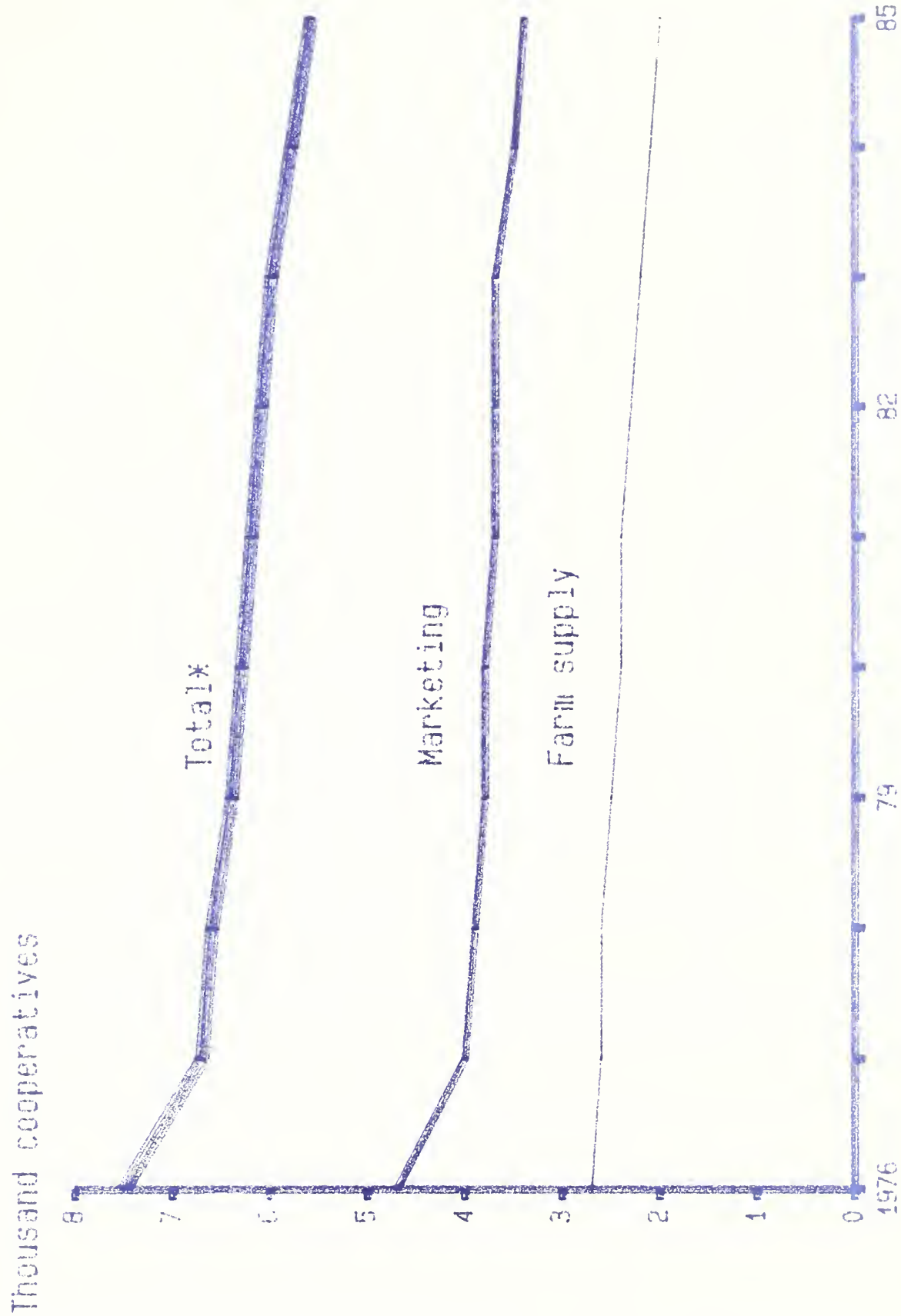
1/ For years before 1950-51, see appendix table 5, FCS General Report 128 in Libraries.

2/ Previously, data for farmer cooperatives were reported on a fiscal year basis. Beginning in 1978, data are included for the calendar year. Data for 1978 are estimated.

3/ Preliminary.

Figure 1

Farmer Cooperatives in the U.S.



*Total includes a small number of cooperatives that provide specialized related services.

Table 2--Farmer cooperatives grouped by gross business volume, 1985 1/

Volume group	Cooperatives		Dollar volume	
	Number	Percent of total	Gross <u>2/</u> (000)	Percent of total
Less than \$15 mil.	5,099	90.6	17,522,933	20.6
\$15 - 24.9 mil.	229	4.1	5,689,277	6.7
\$25 - 49.9 mil.	127	2.3	4,983,168	5.9
\$50 - 99.9 mil.	64	1.1	4,867,333	5.7
\$100 - 199.9 mil.	42	0.7	6,391,815	7.5
\$200 - 249.9 mil.	11	0.2	2,506,774	3.0
\$250 - 499.9 mil.	27	0.5	9,227,354	10.8
\$500 - 999.9 mil.	14	0.3	9,822,052	11.5
\$1,000 mil. and over	12	0.2	24,085,835	28.3
Total	5,625	100.0	85,096,541	100.0

1/ Preliminary.

2/ Includes intercooperative volume.

Business Volume

Net cooperative business, unadjusted for changes in the price level, increased from \$40.1 billion in 1976 to \$65.6 billion in 1985 (table 3 and fig. 2).

During this period, marketing of farm products declined from 74 to 72 percent of annual net business volume; purchases of production supplies rose slightly from 24 to 25 percent; and related services increased from 2 to 3 percent.

Marketing volume increased from \$29.8 billion to \$47.3 billion, supplies purchased from \$9.4 billion to \$16.6 billion, and services provided from \$855 million to \$1.6 billion.

Four commodity groups accounted for 83 percent of all products marketed in 1976 and 85 percent in 1985. They were dairy; grain, soybeans, and soybean meal and oil; fruits and vegetables; and livestock.

In 1985, dairy and fruits and vegetables showed a moderate increase from 1976 in proportion of total cooperative business. Grain, soybeans, and soybean meal and oil and livestock and showed a decrease. Among lesser commodities, sugar, rice, and poultry declined while cotton showed a slight increase.

In the farm supply group, three items--petroleum, fertilizer, and feed--were especially important. They accounted for 73 percent of the total production supply business in 1976 and increased slightly to 74 percent in 1985.

Considering changes in the production supplies group, the proportion of total business volume accounted for by feed and fertilizer declined, while petroleum showed an increase. Farm chemicals also increased in proportion, while other production supplies decreased slightly.

Table 3--Number and net volume of cooperatives handling farm products, farm supplies, and service receipts, 1975 and 1985 1/

Item	1975		1985	
	Cooperatives handling	Net volume	Cooperatives handling	Net volume
	<u>No.</u>	<u>1,000 dol.</u>	<u>No.</u>	<u>1,000 dol.</u>
Products marketed:				
Beans and peas (dry edible)	53	116,023	49	144,209
Cotton.....	519	959,807	459	1,660,427
Dairy.....	579	8,480,086	394	15,959,869
Fruits and vegetables.....	436	2,860,587	370	5,068,279
Grain, soybeans, and soybean meal and oil.....	2,599	10,633,612	2,139	15,673,750
Livestock.....	477	2,783,886	373	3,414,087
Nuts.....	41	555,094	33	919,412
Poultry.....	151	807,293	59	956,586
Rice.....	61	815,165	58	825,701
Sugar.....	61	1,337,289	44	1,505,403
Tobacco.....	30	291,364	33	302,140
Wool and mohair.....	177	21,176	170	19,937
Miscellaneous.....	82	121,733	96	871,068
Total farm products.....	<u>2/</u> 4,840	29,783,115	<u>2/</u> 3,925	47,320,868
Supplies purchased:				
Building materials.....	2,382	326,409	1,775	396,499
Containers.....	670	113,323	489	149,550
Farm chemicals.....	3,597	527,790	3,204	1,450,803
Farm machinery and equipment.....	1,588	266,649	1,590	356,055
Feed.....	3,819	2,495,690	3,099	3,120,726
Fertilizer.....	3,949	2,284,020	3,237	3,341,571
Meats and groceries.....	486	108,134	410	153,002
Petroleum.....	2,983	2,097,658	2,579	5,800,524
Seed.....	3,526	358,343	3,120	510,339
Other supplies.....	4,432	733,669	3,688	1,361,625
Total farm supplies.....	<u>2/</u> 5,538	9,411,685	<u>2/</u> 4,288	16,640,694
Receipts for services:				
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous....	<u>2/</u> 4,911	<u>3/</u> 855,277	<u>2/</u> 3,883	<u>3/</u> 1,639,878
Total business	<u>2/</u> 7,535	40,050,077	<u>2/</u> 5,625	65,601,440

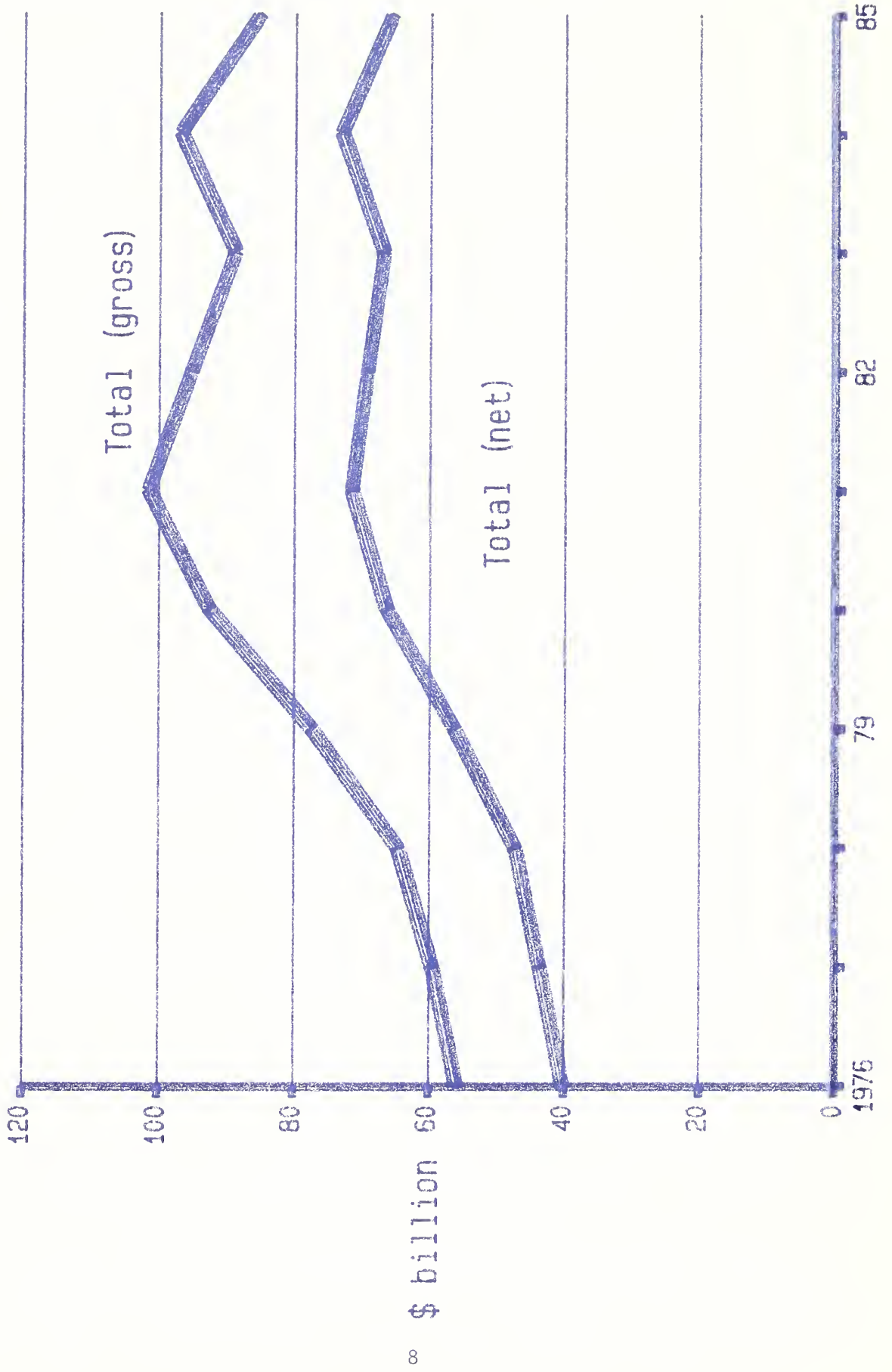
1/ Preliminary. Totals may not add due to rounding.

2/ Adjusted for duplication arising from multiple activities performed by many cooperatives.

3/ Charges for services related to marketing or purchasing but not included in the volume reported for these activities.

Figure 2

Business Volume of Farmer Cooperatives



Market Share

Cooperatives accounted for about 23 percent of the agricultural products marketed at the first-handler level in 1973 (figure 3). This share increased to 28 percent in 1985. Market share was largest for dairy in both 1973 and 1985. The lowest proportions were in livestock and poultry. Individual commodities with shares higher than the overall average were dairy; grain, soybeans, and soybean meal and oil; and cotton.

Farmers in 1973 purchased 23 percent of the major farm supplies (fertilizer, petroleum, farm chemicals, feed, and seed) through cooperatives (figure 4). This proportion increased to 26 percent in 1985, due mostly to larger volumes of farm chemicals moving through cooperatives. Fertilizer, petroleum, and farm chemicals were handled in greater proportion than the overall average.

III--1985 STATISTICS

Number of Cooperatives

The 1985 survey accounted for 5,625 marketing, farm supply, and related services 3/ cooperatives, compared with 5,782 in 1984.

The decrease of 157 associations, 2.7 percent fewer, largely reflected a continuing trend involving merger, consolidation, acquisition, or dissolution.

Of the 5,625 cooperatives, 3,441 primarily marketed farm products, 2,036 handled farm production supplies, and 148 provided related services.

Comparison of 1985 to 1984 shows that marketing cooperatives increased from 60.8 to 61.2 percent of the total number of cooperatives; farm supply cooperatives decreased from 36.9 to 36.2 percent; and related service cooperatives increased slightly from 2.3 to 2.6 percent.

The percentage changes in table 1 are due to some extent to the reclassification of cooperatives because of changes in the function from which they derive the major portion of their dollar volume. The primary examples are marketing cooperatives whose major business became the sale of farm supplies, or farm supply cooperatives in which marketing took a dominant role.

In table 4, cooperatives are classified according to the business activity that consistently accounted for the largest percent of their dollar volume for 1985.

Minnesota had the most cooperatives with 566, North Dakota was second with 391, and Texas followed closely with 387.

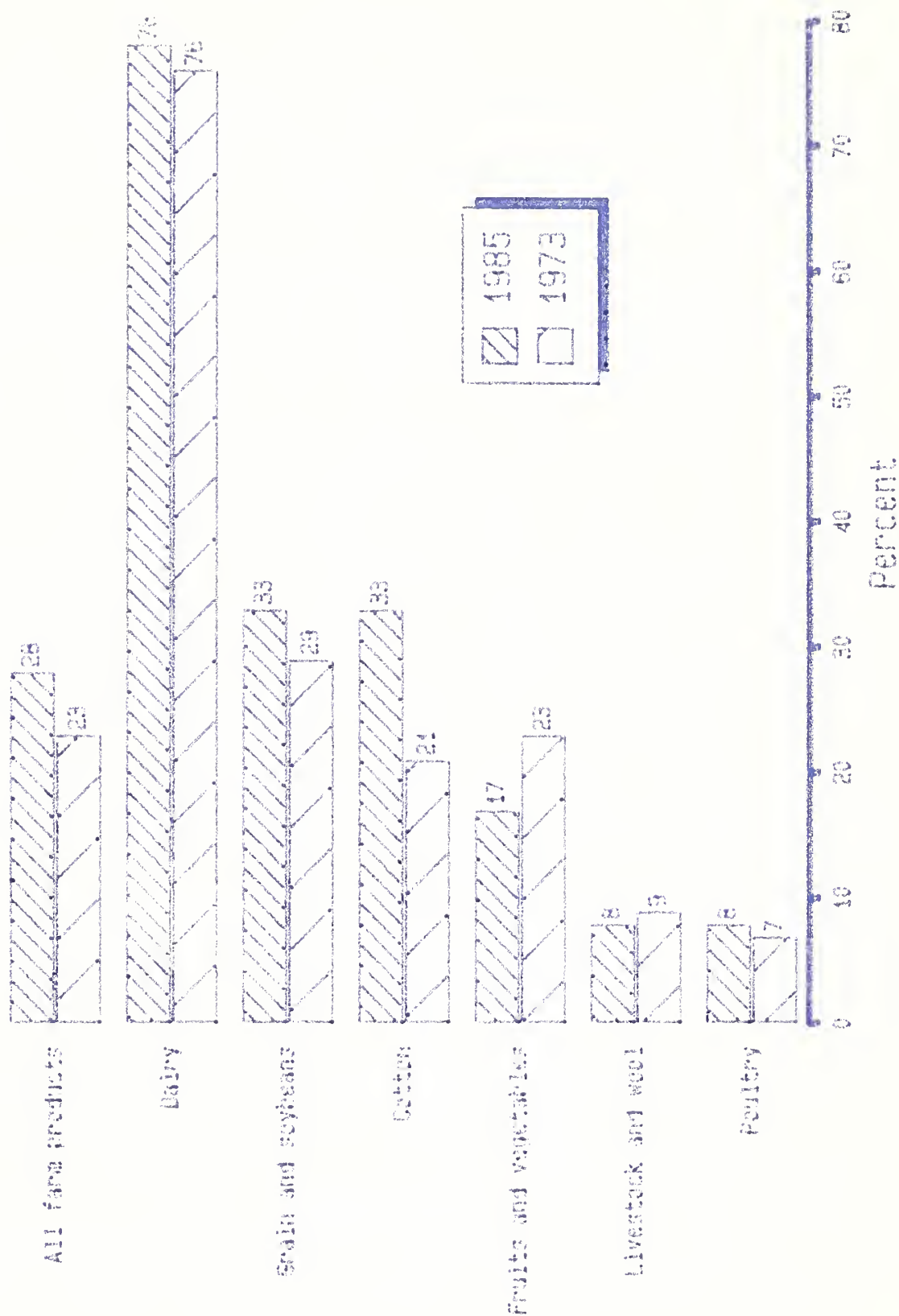
Memberships

Memberships in marketing, farm supply, and related service cooperatives totaled 4,781,216 in 1985, a decrease of 1.3 percent from 4,841,749 (table 5 and fig. 5).

3/ Related services include trucking, storage, grinding, drying, artificial insemination, and similar services affecting the form, quality, or location of farm products and supplies handled by cooperatives. They do not include credit, electric, telephone, or other such services not directly related to marketing or purchasing activities.

Figure 3

Cooperatives' Share of Marketing Activity*



* First-handler level.

Figure 4

Cooperatives' Share of Purchasing Activity

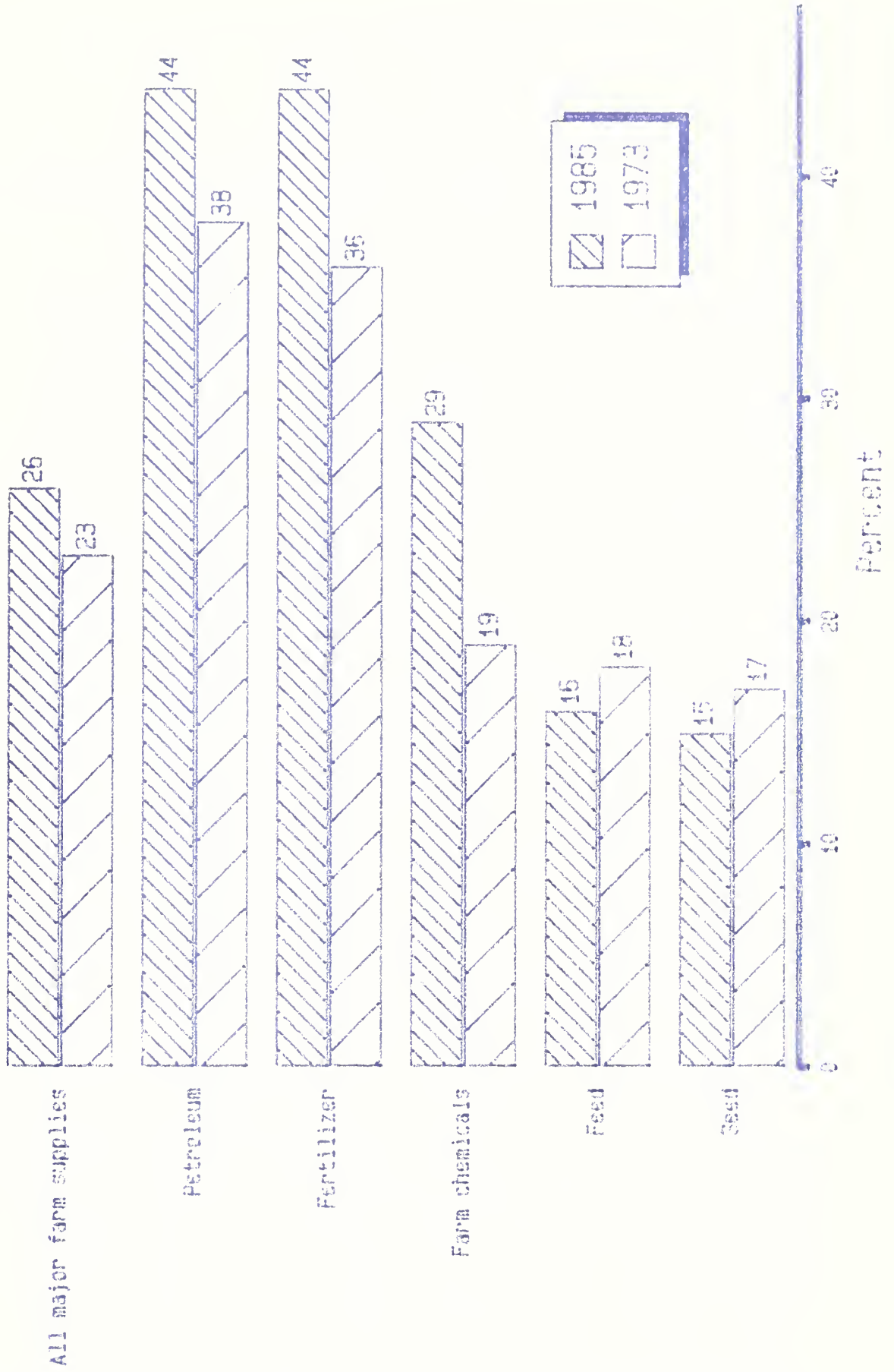


Table 4--Cooperative numbers ^{1/} and memberships, by major business activity and State, 1985 ^{2/}

State	Beans and peas, dry edible		Cotton ^{3/}		Dairy		Fruits and vegetables ^{3/}	
	Co-op hqts. in State	Member- ships ^{4/}	Co-op hqts. in State	Member- ships ^{4/}	Co-op hqts. in State	Member- ships ^{4/}	Co-op hqts. in State	Member- ships ^{4/}
	Number							
Alabama.....			6	247	<u>5/</u>	294	3	16
Alaska.....					<u>1</u>	14		
Arizona.....			5	966	1	147	4	1,138
Arkansas.....			14	1,846	<u>5/</u>	814	5	1,009
California.....	5	1,225	41	5,449	<u>11</u>	1,534	103	25,407
Colorado.....	2	498			3	563	12	936
Connecticut.....					<u>5/</u>	1,243	1	8
Delaware.....					<u>5/</u>	173	1	1,405
Florida.....					<u>4</u>	362	46	3,505
Georgia.....					2	878	3	74
Hawaii.....					2	15	7	574
Idaho.....	<u>5/</u>	5			1	895	2	1,421
Illinois.....					8	3,563	3	34
Indiana.....					1	3,062	1	163
Iowa.....					13	8,353	1	15
Kansas.....					1	1,938	1	23
Kentucky.....					2	3,483	3	437
Louisiana.....			7	943	2	982	1	15
Maine.....					1	535	4	1,929
Maryland.....					1	1,567	<u>5/</u>	32
Massachusetts.....					2	692	2	327
Michigan.....	2	600			4	6,731	16	3,963
Minnesota.....					79	32,168	1	60
Mississippi.....			48	4,423	2	863	1	77
Missouri.....			<u>5/</u>	52	3	4,589	<u>5/</u>	19
Montana.....					2	714	2	210
Nebraska.....					1	1,712		
Nevada.....					3	45	<u>5/</u>	7
New Hampshire.....					<u>5/</u>	261		
New Jersey.....					<u>2</u>	278	10	1,596
New Mexico.....			12	2,415			1	13
New York.....					73	7,596	10	1,214
North Carolina.....			2	543	4	9,866	11	1,932
North Dakota.....	1	120			5	1,853	1	105
Ohio.....	<u>5/</u>	3			8	5,737	8	2,456
Oklahoma.....			45	19,491	<u>5/</u>	1,083		
Oregon.....					<u>6</u>	787	12	1,595
Pennsylvania.....					24	9,158	8	1,854
Rhode Island.....					<u>5/</u>	78		
South Carolina.....			1	397	<u>6</u>	216	3	52
South Dakota.....					2	2,070		
Tennessee.....			<u>5/</u>	34	1	1,495	4	12
Texas.....			<u>236</u>	59,132	3	2,789	7	451
Utah.....					6	350	3	33
Vermont.....					4	2,922		
Virginia.....			<u>5/</u>	9	3	1,548	5	305
Washington.....	<u>5/</u>	2			5	1,300	35	6,740
West Virginia.....					2	402	<u>5/</u>	21
Wisconsin.....					79	40,136	<u>2</u>	770
Wyoming.....	1	1,195			<u>5/</u>	41		
Foreign.....							<u>5/</u>	37
United States.....	11	3,648	417	95,947	383	167,895	343	61,990

Continued

Table 4--Cooperative numbers 1/ and memberships, by major business activity and State, 1985 2/--Continued

State	Grain, soybeans, and soybean meal and oil <u>6/</u>		Livestock <u>3/</u>		Nuts <u>7/</u>		Poultry	
	Co-op hqts. in State	Member- ships <u>4/</u>	Co-op hqts. in State	Member- ships <u>4/</u>	Co-op hqts. in State	Member- ships <u>4/</u>	Co-op hqts. in State	Member- ships <u>4/</u>
				Number				
Alabama.....	2	3,187	11	6,240	<u>5/</u>	2	<u>5/</u>	12,243
Alaska.....	<u>5/</u>	2						
Arizona.....	2	1,107	<u>5/</u>	180	<u>5/</u>	36	<u>5/</u>	2
Arkansas.....	5	11,624	<u>4</u>	549	<u>5/</u>	100	<u>5/</u>	42
California.....	3	527	3	7,850	<u>6</u>	8,832	<u>3</u>	88
Colorado.....	20	12,930	4	3,188	<u>5/</u>	3	<u>5/</u>	2
Connecticut....	<u>5/</u>	3			<u>5/</u>	1	<u>5/</u>	9
Delaware.....			<u>5/</u>	18			<u>5/</u>	3
Florida.....	<u>5/</u>	35			<u>5/</u>	5	<u>1</u>	6,479
Georgia.....	1	968	2	5	<u>2</u>	5,418	3	38,646
Hawaii.....	<u>5/</u>	2	2	15				
Idaho.....	11	16,767	6	2,213			<u>5/</u>	1
Illinois.....	150	82,357	5	24,695	<u>5/</u>	4	<u>5/</u>	5
Indiana.....	36	82,400	3	29,648			<u>5/</u>	7
Iowa.....	229	108,886	5	12,485	<u>5/</u>	1	<u>5/</u>	1
Kansas.....	184	164,794	1	575			<u>5/</u>	10
Kentucky.....	1	1,910	11	9,248			<u>5/</u>	52
Louisiana.....	3	374	1	75	<u>5/</u>	1	<u>5/</u>	14
Maine.....							<u>5/</u>	12
Maryland.....	<u>5/</u>	4	<u>5/</u>	7	<u>5/</u>	9	<u>5/</u>	7
Massachusetts..	<u>5/</u>	1	1	170			1	425
Michigan.....	17	15,941	5	16,925			<u>5/</u>	7
Minnesota.....	180	121,738	78	55,438			<u>2</u>	75
Mississippi....	8	3,854	7	16,430	<u>5/</u>	1	<u>5/</u>	131
Missouri.....	18	18,041	8	13,381			<u>5/</u>	11
Montana.....	30	14,849	2	917				
Nebraska.....	135	91,867	4	5,857			1	24
Nevada.....	1	28					<u>5/</u>	1
New Hampshire..							<u>1</u>	2
New Jersey.....	2	1	2	2,127	<u>5/</u>	3	<u>5/</u>	7
New Mexico.....	1	13	<u>5/</u>	1,440	<u>5/</u>	224	<u>5/</u>	11
New York.....	<u>5/</u>	9	<u>4</u>	30,770	<u>5/</u>	6	<u>1</u>	65
North Carolina.	<u>5/</u>	7	2	1,796	<u>1</u>	15,556	<u>5/</u>	773
North Dakota...	208	89,088	39	9,892				
Ohio.....	78	58,686	5	31,523			<u>5/</u>	13
Oklahoma.....	77	58,304	1	5,360	2	2,050	<u>5/</u>	478
Oregon.....	9	5,505			1	265	<u>1</u>	23
Pennsylvania...	<u>5/</u>	2	5	243	<u>5/</u>	2	<u>5/</u>	53
Rhode Island...							<u>5/</u>	1
South Carolina.	2	165	1	78	<u>5/</u>	671	<u>5/</u>	6,423
South Dakota...	115	62,040	2	5,975				
Tennessee.....	1	249	3	506	<u>5/</u>	183	<u>5/</u>	4,704
Texas.....	55	20,696	2	2,481	<u>2</u>	3,594	<u>5/</u>	519
Utah.....	3	5,792	2	4,505			<u>3</u>	99
Vermont.....	<u>5/</u>	1			<u>5/</u>	1	<u>5/</u>	1
Virginia.....	2	1,658	14	1,556	2	5,430	1	542
Washington.....	31	11,629					<u>5/</u>	3
West Virginia..			7	1,281			<u>5/</u>	112
Wisconsin.....	2	2,174	61	27,399				
Wyoming.....	1	390	<u>5/</u>	105				
Foreign.....			<u>5/</u>	200				
United States..	1,623	1,070,605	313	333,456	16	42,408	18	72,126

Continued

Table 4--Cooperative numbers 1/ and memberships, by major business activity and State, 1985 2/--Continued

State	Miscellaneous marketing <u>10</u> /		Total marketing		Farm supply		Related services <u>11</u> /		Total	
	Co-op hqts. In State	Member-ships <u>4</u> /	Co-op hqts. In State	Member-ships <u>4</u> /	Co-op hqts. In State	Member-ships <u>4</u> /	Co-op hqts. In State	Member-ships <u>4</u> /	Co-op hqts. In State	Member-ships <u>4</u> /
					Number					
Alabama.....			22	22,456	56	48,100	2	180	80	70,736
Alaska.....			1	16					1	16
Arizona.....			12	3,593	2	60,017	<u>5</u> /	60	14	63,570
Arkansas.....	1	<u>12</u> /	52	27,983	49	44,845	<u>1</u>	135	102	72,963
California.....	3	847	187	57,381	30	12,640	16	937	233	70,958
Colorado.....			43	18,437	29	17,450	1	5	73	35,892
Connecticut....			1	2,308	3	2,385	1	2,637	5	7,330
Delaware.....			1	1,599	4	10,058			5	11,657
Florida.....	2	226	56	13,156	7	6,684	3	13,063	66	32,903
Georgia.....	2	318	15	59,278	6	3,159			21	62,437
Hawaii.....	7	717	20	1,631	6	1,332	2	110	28	3,073
Idaho.....	1	32	43	24,583	16	14,938	1	<u>12</u> /	60	39,521
Illinois.....	1	13	169	110,837	94	144,393	6	3,792	269	258,723
Indiana.....	1	21	42	122,254	39	75,690	1	1,175	82	199,119
Iowa.....	1	485	252	135,107	119	156,177	2	2,964	373	294,247
Kansas.....	<u>5</u> /	2	187	169,867	44	48,693	2	102	233	218,662
Kentucky.....			24	97,078	42	128,454	26	4,276	92	229,808
Louisiana.....			35	7,775	32	10,347	3	1,118	70	19,240
Maine.....			6	2,776	1	6,780	<u>5</u> /	2,815	7	12,371
Maryland.....			2	8,286	19	52,564	<u>3</u>	2,634	24	63,484
Massachusetts..			10	2,530	5	5,671	1	52	16	8,253
Michigan.....	3	122	47	46,087	49	40,265	4	4,003	100	90,355
Minnesota.....	3	16	349	216,992	210	193,048	7	13,943	566	423,983
Mississippi....	3	5	73	26,313	65	64,765	4	1,048	142	92,125
Missouri.....			30	37,444	76	201,473	4	1,854	110	240,771
Montana.....			63	18,777	57	25,987			120	44,764
Nebraska.....	1	18	143	101,168	90	83,328	3	989	236	185,486
Nevada.....			5	184	<u>5</u> /	200			5	384
New Hampshire..			2	1,018	<u>5</u> /	1,292	<u>5</u> /	2,401	2	4,711
New Jersey.....	<u>5</u> /	5	17	4,318	<u>5</u>	5,369	<u>1</u>	567	23	10,254
New Mexico.....	<u>5</u> /	1	15	4,188	<u>5</u> /	5	<u>5</u> /	47	15	4,240
New York.....	<u>1</u>	31	92	40,349	<u>10</u> 4	57,484	<u>7</u>	23,294	200	121,127
North Carolina.			30	102,128	2	40,009	2	61	34	142,198
North Dakota...			260	102,390	130	56,157	1	1,025	391	159,572
Ohio.....	1	5	104	108,718	42	36,354	5	3,994	151	149,065
Oklahoma.....			126	87,534	14	12,300	<u>5</u> /	315	140	100,149
Oregon.....	<u>5</u> /	5	30	8,494	19	39,666	<u>1</u>	35	50	43,195
Pennsylvania...			59	16,005	20	35,919	5	17,529	84	69,453
Rhode Island...			<u>5</u> /	79	<u>5</u> /	604	1	532	1	1,215
South Carolina.	1	5	<u>15</u>	25,031	<u>2</u>	15,578			17	40,609
South Dakota...	<u>5</u> /	64	122	74,284	99	61,346	1	878	222	136,508
Tennessee.....	<u>2</u>	100	19	59,954	80	73,705	2	1,165	101	134,824
Texas.....	1	13	319	92,342	56	21,174	12	6,542	387	120,058
Utah.....	2	190	27	13,472	11	7,776	1	10	39	21,258
Vermont.....			5	2,975	<u>5</u> /	3,821	1	5,494	6	12,290
Virginia.....			48	32,090	52	152,902	1	3,605	101	188,597
Washington.....	3	130	77	20,061	43	74,019	2	4,650	122	98,729
West Virginia..			24	5,520	20	43,538	<u>5</u> /	528	44	49,586
Wisconsin.....	1	6	148	74,105	179	195,362	<u>15</u>	39,025	342	308,491
Wyoming.....			12	2,910	8	3,997			20	6,907
Foreign.....			<u>5</u> /	249					<u>5</u> /	249
United States..	41	3,382	3,441	2,214,109	2,036	2,397,818	148	169,289	5,625	4,781,216

See next page for footnote references.

Footnotes to table 4

1/ Includes independent local cooperatives, federations, centralized cooperatives, and cooperatives with mixed organizational structures.

2/ Data covering operations of cooperatives for calendar year 1985. Figures may vary from previously published data due to estimation procedures for non-respondents and sampling methodology.

3/ Cooperatives performing specific services related to a commodity are included. Incorporated local associations of a federation that performs the actual marketing or processing are counted. Livestock shipping associations are also included.

4/ Includes farmer members (those entitled to vote for directors) but does not include nonvoting patrons. (Some duplication in these membership figures occurs because many farmers belong to more than one cooperative.) Totals may not add due to rounding.

5/ The cooperative with which this membership is affiliated has been counted in the State in which the cooperative maintains its headquarters. (Foreign members of U.S. headquartered cooperatives are in Canada and Mexico).

6/ Includes soybean marketing and processing.

7/ Membership of nut cooperatives that market peanuts fluctuates from year to year and is affected by the extent to which producers participate in price stabilization programs.

8/ Includes sugar, sugarcane, sugar beets, honey, maple syrup, molasses, and sorghum.

9/ Member-patrons. Number fluctuates considerably from year to year due to participation in price stabilization programs.

10/ Includes forest products, hay, hops, nursery stock, coffee, and other farm products not separately classified.

11/ Cooperatives providing services related to marketing or purchasing activities.

12/ No individual farmer memberships.

Table 5--Memberships in predominantly marketing, farm supply, and related service cooperatives, selected years

Period ^{1/}	Marketing		Farm supply		Related service		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1950-51	4,117,950	58.1	2,878,890	40.6	94,280	1.3	7,091,120	100.0
1955-56	4,223,260	54.6	3,443,610	44.6	64,865	0.8	7,731,735	100.0
1960-61	3,473,425	48.2	3,679,675	51.1	49,795	0.7	7,202,895	100.0
1961-62	3,420,100	48.2	3,634,690	51.2	44,190	0.6	7,098,980	100.0
1962-63	3,582,110	49.6	3,595,890	49.8	40,750	0.6	7,218,750	100.0
1963-64	3,612,535	51.0	3,425,200	48.4	41,765	0.6	7,079,500	100.0
1964-65	3,790,915	53.5	3,250,840	45.9	40,255	0.6	7,082,010	100.0
1965-66	3,635,605	53.3	3,154,490	46.2	36,180	0.5	6,826,275	100.0
1966-67	3,298,435	50.7	3,168,985	48.8	34,280	0.5	6,501,700	100.0
1967-68	3,225,185	50.0	3,186,640	49.5	33,585	0.5	6,445,410	100.0
1968-69	3,141,245	49.4	3,189,460	50.1	32,850	0.5	6,363,555	100.0
1969-70	3,102,745	48.8	3,222,435	50.7	29,800	0.5	6,354,980	100.0
1970-71	3,105,005	50.4	3,027,515	49.2	25,220	0.4	6,157,740	100.0
1971-72	3,133,505	51.0	2,991,240	48.7	21,805	0.3	6,146,550	100.0
1972-73	3,117,980	50.9	2,988,050	48.8	21,905	0.3	6,127,935	100.0
1973-74	3,111,255	51.0	2,972,455	48.7	21,820	0.3	6,105,530	100.0
1974-75	3,126,500	51.1	2,971,400	48.5	24,600	0.4	6,122,500	100.0
1975-76	2,811,858	47.6	3,056,071	51.7	38,450	0.7	5,906,379	100.0
1976-77	2,655,018	46.1	3,066,023	53.3	36,687	0.6	5,757,728	100.0
1978 ^{2/}	2,595,000	45.6	3,063,000	53.8	36,500	0.6	5,694,500	100.0
1979	2,530,733	45.0	3,060,020	54.4	36,443	0.6	5,627,196	100.0
1980	2,541,995	47.3	2,804,482	52.1	32,411	0.6	5,378,888	100.0
1981	2,452,219	45.0	2,855,963	53.5	27,236	0.5	5,335,418	100.0
1982	2,444,325	47.6	2,666,375	51.9	25,074	0.5	5,135,774	100.0
1983	2,307,630	46.6	2,552,519	51.5	3/ 94,609	1.9	4,954,758	100.0
1984	2,317,040	47.9	2,397,152	49.5	127,557	2.6	4,841,749	100.0
1985 ^{4/}	2,214,109	46.3	2,397,818	50.2	169,289	3.5	4,781,216	100.0

^{1/} For years before 1950-51, see appendix table 6, FCS General Report 128 in libraries.

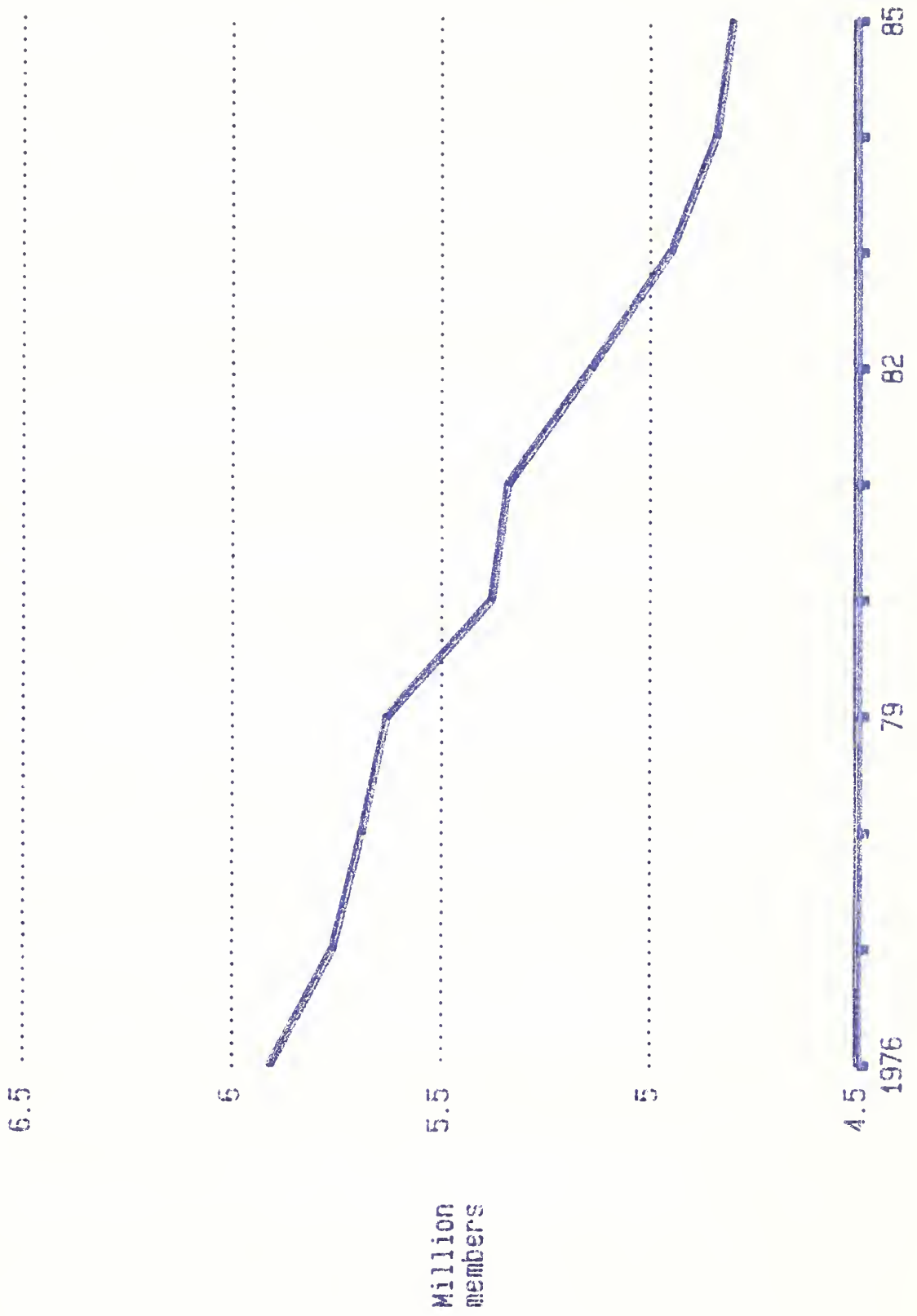
^{2/} Previously, data for farmer cooperatives were reported on a fiscal year basis. Beginning in 1978, data are included for the calendar year. Data for 1978 are estimated.

^{3/} Number of memberships were up significantly due to inclusion of additional related service cooperatives.

^{4/} Preliminary.

Figure 5

Memberships in Farmer Cooperatives



The long-term trend has been one of decline, reflecting, in part, the decreasing number of farmers in the United States. Many farmers were members of more than one cooperative and each membership was counted. Total membership contains duplication that cannot be eliminated with current reporting methods.

Though many farmers maintained membership in more than one cooperative, 914,000 members, or 19.1 percent, did not actively patronize their cooperatives.

Membership figures often vary widely from year to year for cooperatives participating in price stabilization programs, particularly for those handling cotton, peanuts, or tobacco.

Classification of members is affected also by the diversity of services offered by cooperatives. For example, a member may use a cooperative to market only one of the farm products handled by the cooperative, or a member may use a cooperative classified in the marketing group only for purchasing one or more types of production supplies. The member's business with the cooperative, therefore, may not be in the group that represents the cooperative's major business volume (which determines how the cooperative is classified in this report). The membership, however, will be included arbitrarily in that classification.

Minnesota continued to lead in memberships with 423,983 (table 4). Wisconsin was second with 308,491 and Iowa was third with 294,247.

Business Volume

Total gross business volume of 5,625 marketing, farm supply, and related service cooperatives amounted to \$85.1 billion (table 6), a 12.2-percent decrease from \$96.9 billion.

Total net business volume of farmer cooperatives amounted to \$65.6 billion. This amount included \$47.3 billion for farm products marketed, \$16.6 billion for farm supplies purchased, and \$1.6 billion for services performed. The total net figure of \$65.6 billion, which excludes intercooperative business (the difference between gross and net business volumes), represented a decrease of 10.2 percent from \$73 billion in 1984. However, discounting for price changes, real drop in business volume was estimated to be 6.5 percent. ^{4/} Intercooperative business dropped to \$19.5 billion from \$23.8 billion.

Gross and net volumes of business for marketing, purchasing, and related service activities are shown in table 6 for selected years from fiscal 1951 through calendar 1985. Both gross and net volumes were the lowest since 1979.

Gross volume of farm products marketed by cooperatives decreased from \$67.6 billion to \$57 billion, a drop of 15.7 percent. The net volume of farm products marketed amounted to \$47.3 billion and accounted for 72.1 percent of the total net volume of cooperatives. The net marketing volume represented a decrease of 13.3 percent from \$54.6 billion. The decline resulted primarily from decreases in the dollar volumes reported for grain, soybeans, soybean meal and oil.

^{4/} By deflating the volume of farm products handled by cooperatives in 1985 by indices of producer prices for farm products and processed foods and feeds and the volume of farm supplies and related services by the index on prices paid by farmers for production of all commodities excluding interest, taxes, and wage rates, total business volume amounted to \$68.3 billion, a 6.5-percent decrease from the 1984 volume.

Table 6--Business volume of marketing, farm supply, and related service cooperatives, selected years

Period 1/	Gross volume (includes intercooperative business)				Net volume (excludes intercooperative business)			
	Farm products	Farm supplies	Related services 2/	Total	Farm products	Farm supplies	Related services 2/	Total
1950-51	7,984,777	2,437,521	99,958	10,522,256	6,361,766	1,685,413	99,958	8,147,137
1955-56	9,514,387	2,972,696	214,880	12,701,963	7,495,159	2,045,086	214,880	9,756,125
1960-61	12,143,722	3,744,711	305,600	16,194,033	9,631,247	2,472,286	305,600	12,409,133
1961-62	12,992,656	3,914,849	302,102	17,209,607	10,160,364	2,561,338	302,102	13,023,804
1962-63	13,893,463	4,145,263	303,281	18,342,007	10,834,165	2,704,400	303,281	13,841,846
1963-64	14,532,553	4,393,864	313,103	19,239,520	11,209,069	2,831,586	313,103	14,353,758
1964-65	14,816,217	4,495,217	315,527	19,626,961	11,516,217	2,910,188	315,527	14,741,932
1965-66	15,489,446	4,804,443	325,071	20,618,960	12,197,744	3,085,382	325,071	15,608,197
1966-67	16,265,376	5,314,427	317,570	21,897,373	12,899,762	3,339,207	317,570	16,556,539
1967-68	16,556,620	5,565,045	316,014	22,437,679	13,189,137	3,544,854	316,014	17,040,005
1968-69	16,841,051	5,643,341	350,761	22,835,153	13,420,765	3,615,271	350,761	17,386,797
1969-70	18,388,420	5,986,359	391,176	24,765,955	14,816,000	3,873,211	391,176	19,080,387
1970-71	20,118,015	6,748,989	414,299	27,281,303	15,801,872	4,339,529	414,299	20,555,700
1971-72	20,794,406	7,395,899	462,240	28,652,545	16,463,065	4,739,603	462,240	21,664,908
1972-73	25,110,374	8,841,293	502,800	34,454,467	19,573,016	5,914,962	502,800	25,990,778
1973-74	35,632,381	11,395,208	657,730	47,685,319	26,943,792	7,764,027	657,730	35,365,549
1974-75	40,313,162	13,416,013	744,477	54,473,652	31,937,363	8,660,605	744,477	41,342,445
1975-76	39,402,165	15,553,633	855,277	55,811,075	29,783,115	9,411,685	855,277	40,050,077
1976-77	40,805,827	17,790,798	890,977	59,487,602	32,133,711	10,557,465	892,977	43,584,153
1978 3/	45,072,429	18,604,619	947,655	64,624,703	35,305,600	11,051,865	947,655	47,305,120
1979	53,668,810	22,669,818	1,053,559	77,392,187	41,693,349	13,521,489	1,053,559	56,268,397
1980	53,650,268	27,660,042	1,209,225	92,519,535	48,911,018	16,134,111	1,209,225	66,254,354
1981	70,161,551	30,127,323	1,190,385	101,479,260	53,284,950	17,058,630	1,190,385	71,533,967
1982	65,599,550	28,104,678	1,394,386	95,098,614	51,393,826	16,362,124	1,394,386	69,150,336
1983	61,209,412	26,052,783	1,468,316	88,730,512	49,343,552	15,942,957	1,468,316	66,754,824
1984	67,626,851	27,722,539	1,521,539	96,870,930	54,556,020	16,968,981	1,521,539	73,046,540
1985 4/	57,032,906	26,423,757	1,639,878	85,096,541	47,320,868	16,640,694	1,639,878	65,601,440

1,000 dollars

Table 6--Continued

Period <u>1/</u>	Gross volume (includes inter-cooperative business)			Net volume (excludes inter-cooperative business)			Total	Percent
	Farm products	Farm supplies	Related services <u>2/</u>	Farm products	Farm supplies	Related services <u>2/</u>		
1950-51	75.9	23.2	0.9	78.1	20.7	1.2	100.0	100.0
1955-56	74.9	23.4	1.7	76.8	21.0	2.2	100.0	100.0
1960-61	75.0	23.1	1.9	77.6	19.9	2.5	100.0	100.0
1961-62	75.5	22.7	1.8	78.0	19.7	2.3	100.0	100.0
1962-63	75.7	22.6	1.7	78.3	19.5	2.2	100.0	100.0
1963-64	75.5	22.9	1.6	78.1	19.7	2.2	100.0	100.0
1964-65	75.5	22.9	1.6	78.1	19.8	2.1	100.0	100.0
1965-66	75.1	23.3	1.6	78.1	19.8	2.1	100.0	100.0
1966-67	74.3	24.3	1.4	77.9	20.2	1.9	100.0	100.0
1967-68	73.8	24.8	1.4	77.4	20.8	1.8	100.0	100.0
1968-69	73.8	24.7	1.5	77.2	20.8	2.0	100.0	100.0
1969-70	74.2	24.2	1.6	77.7	20.3	2.0	100.0	100.0
1970-71	73.8	24.7	1.5	76.9	21.1	2.0	100.0	100.0
1971-72	72.6	25.8	1.6	76.0	21.9	2.1	100.0	100.0
1972-73	72.9	25.7	1.4	75.3	22.8	1.9	100.0	100.0
1973-74	74.7	23.9	1.4	76.2	21.9	1.9	100.0	100.0
1974-75	74.0	24.6	1.4	77.3	20.9	1.8	100.0	100.0
1975-76	70.6	27.9	1.5	74.4	23.5	2.1	100.0	100.0
1976-77	68.6	29.9	1.5	73.7	24.2	2.1	100.0	100.0
1978 <u>3/</u>	69.7	28.8	1.5	74.6	23.4	2.0	100.0	100.0
1979	69.3	29.3	1.4	74.1	24.0	1.9	100.0	100.0
1980	68.8	29.9	1.3	73.8	24.4	1.8	100.0	100.0
1981	69.1	29.7	1.2	74.5	23.8	1.7	100.0	100.0
1982	69.0	29.5	1.5	74.3	23.7	2.0	100.0	100.0
1983	69.0	29.4	1.6	73.9	23.9	2.2	100.0	100.0
1984	69.8	28.6	1.6	74.7	23.2	2.1	100.0	100.0
1985 <u>4/</u>	67.0	31.1	1.9	72.1	25.4	2.5	100.0	100.0

1/ For years prior to 1950-51, see appendix table 7, FCS General Report 128, in Libraries. Data for prior years are not entirely comparable due to revisions in statistical procedures in 1950-51.

2/ Services related to marketing or supply purchasing but not included in the volumes reported for these activities.

3/ Previously, data for farmer cooperatives were reported on a fiscal year basis. Beginning in 1978, data are included for the calendar year. Data for 1978 are estimated.

4/ Preliminary.

Figure 6 illustrates the leading products marketed by cooperatives based on net marketing business volume. Dairy led with 33.7 percent of total net marketing volume, followed by grain, soybeans, and soybean meal and oil with 33.1 percent. Fruits and vegetables ranked third with 10.7 percent of total net marketing volume.

Gross volume of all farm supplies handled by cooperatives amounted to \$26.4 billion, a 4.7-percent decrease from \$27.7 billion. The net farm supply volume of \$16.6 billion accounted for 25.4 percent of the total net business volume, a 1.9-percent decrease from \$17 billion. Decreases in net volumes of feed and fertilizer largely accounted for this decline.

As shown in figure 7, leading farm supplies handled by cooperatives in terms of net business volume were petroleum, with 34.9 percent of the total, followed by fertilizer and feed.

Receipts for services performed by all types of cooperatives amounted to \$1.6 billion, a record high--up 7.8 percent. Service receipts represented 2.5 percent of total net business volume.

An estimated 69.8 percent of the 5,625 cooperatives, or 3,925 cooperatives, marketed farm products (table 7). Farm supplies were handled by 4,288 cooperatives, 76.2 percent of the total, while 3,883 cooperatives, or 69 percent of the total, performed one or more services related to farm product marketing and farm supply purchasing.

Volume of farm products marketed and farm supplies purchased by cooperatives is shown by State in table 8.

Balance Sheet

Combined assets for all farmer cooperatives totaled \$27.8 billion in 1985, down 4.8 percent from \$29.2 billion for 1984 (table 9 and figure 8). Assets of cooperatives, eliminating intercooperative investments, were \$24.5 billion compared with \$26.2 billion, a 6.5 percent decrease.

Total liabilities were \$15.7 billion, down 7.5 percent from the \$17 billion reported in 1984. Net worth, or member and patron equity, was \$12.1 billion, down 1.1 percent from \$12.2 billion. The proportion of total assets financed by equity went up from 41.7 to 43.4 percent.

Of the \$27.8 billion in total assets, marketing cooperatives accounted for \$17.8 billion, down 2.5 percent from \$18.3 billion for 1984 (table 10). Cooperatives whose principal products were grain, soybeans, and soybean meal and oil had total assets of nearly \$6.9 billion in 1985 and more than \$7.3 billion in 1984, a 5.4-percent decrease. These cooperatives also maintained the largest proportion of investment in other cooperatives in both 1985 (15.9 percent) and 1984 (14.5 percent).

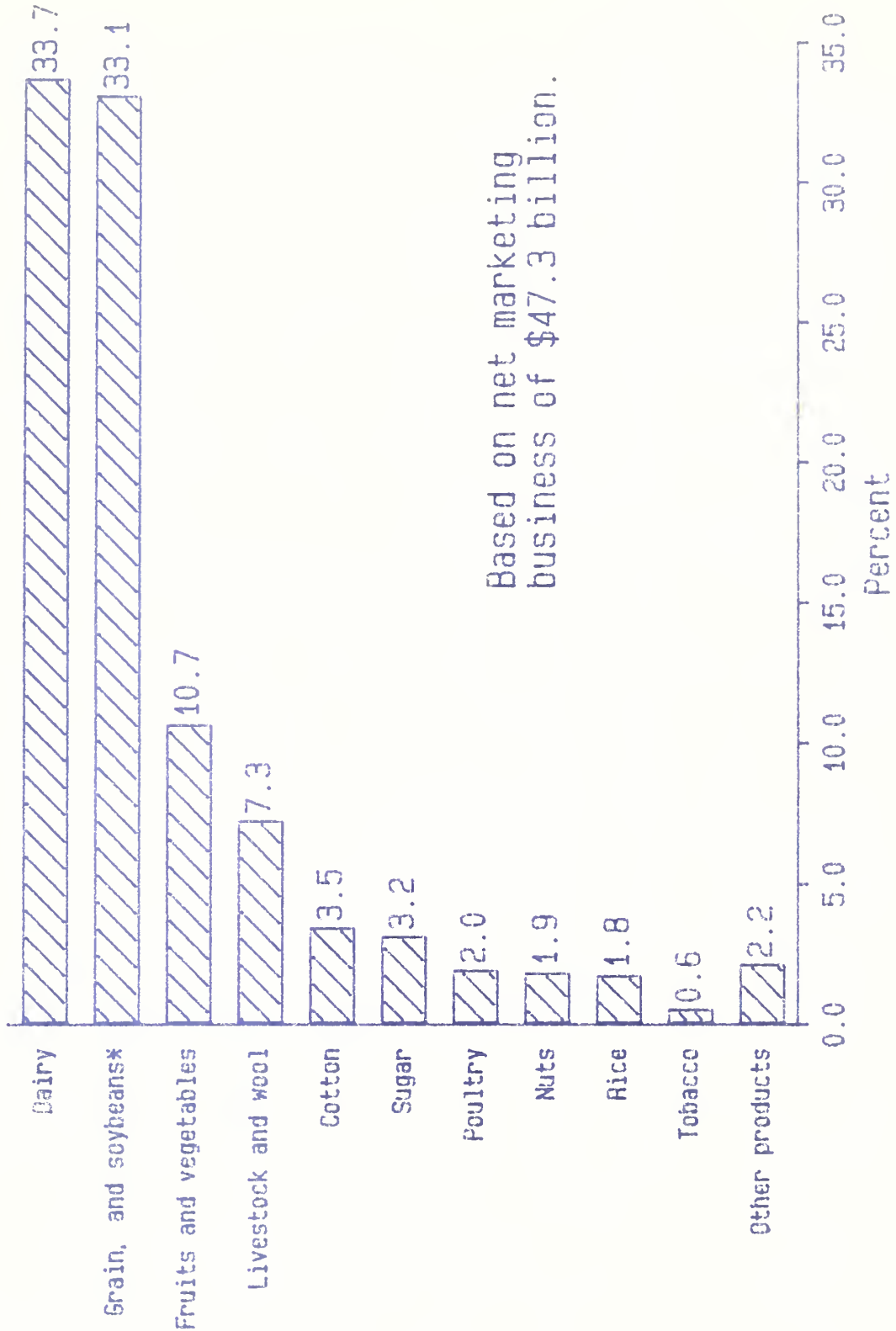
Assets of marketing cooperatives, excluding investments in other cooperatives, were nearly \$16.1 billion, down from the \$16.7 billion reported in 1984.

Farm supply cooperatives had total assets of more than \$9.7 billion compared with \$10.7 billion in 1984. Excluding intercooperative investments, assets amounted to \$8.2 billion in 1985, down 11.9 percent from the previous year.

Current and term liabilities of marketing cooperatives totaled nearly \$10.4 billion, down from \$10.9 billion. This represented more than half (66.1 percent)

Figure 6

Relative Importance of Major Farm Products Marketed by Cooperatives, 1985



*Includes soybean meal and oil.

Figure 7

Relative Importance of Major Farm Supplies Handled by Cooperatives, 1985

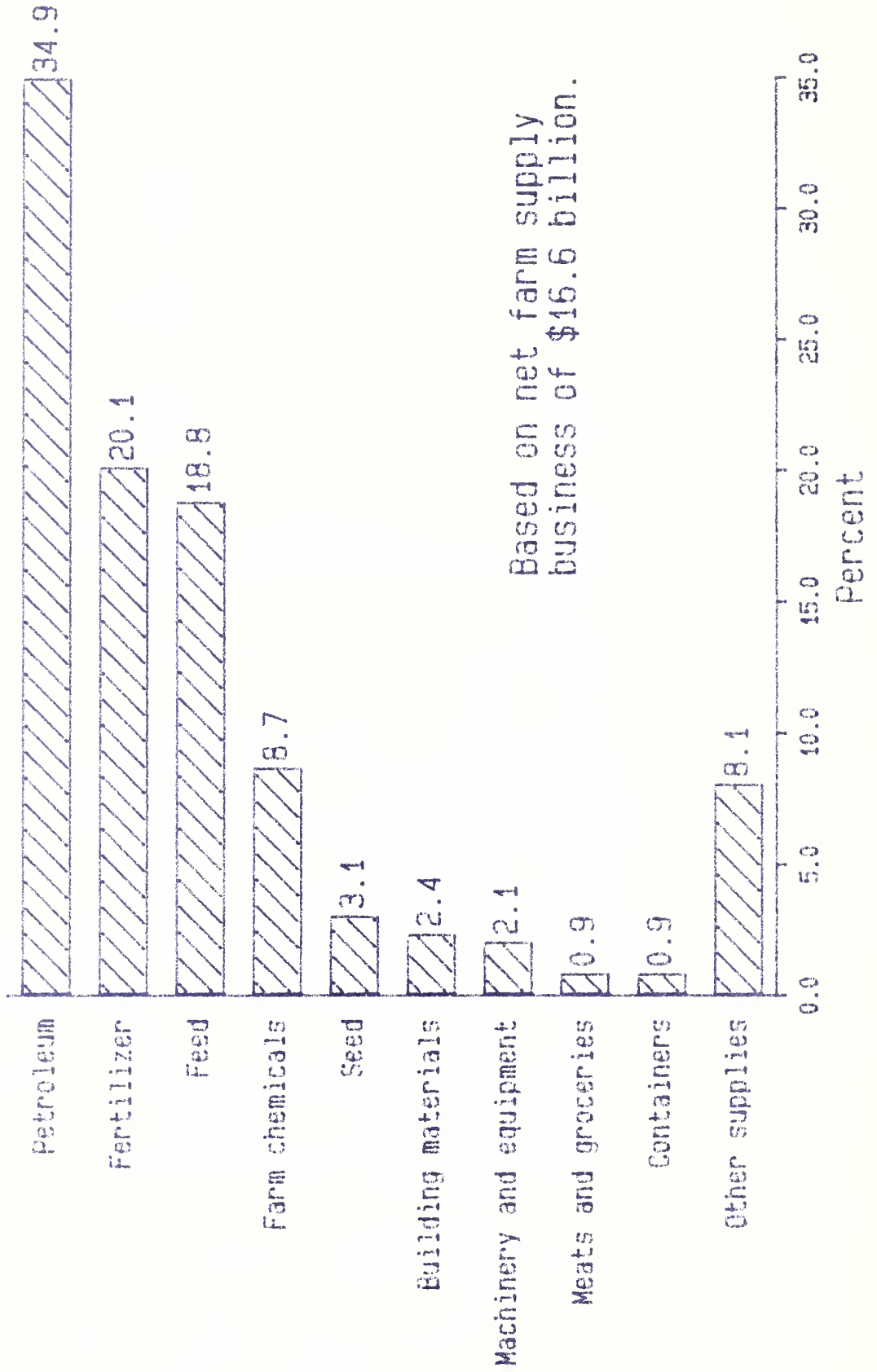


Table 7--Cooperative business volume by commodity, 1985 ^{1/}

Commodity	Cooperatives handling		Gross volume (includes inter-cooperative business)		Net volume (excludes inter-cooperative business)	
	No.	Pct. ^{2/}	1,000 dol.	Pct.	1,000 dol.	Pct.
Products marketed:						
Beans and peas (dry edible)	49	0.9	172,453	0.2	144,209	0.2
Cotton	459	8.2	1,942,872	2.3	1,660,427	2.5
Dairy	394	7.0	18,504,648	21.7	15,959,869	24.3
Fruits and vegetables	370	6.6	6,614,077	7.8	5,068,279	7.7
Grain, soybeans, and soybean meal and oil	2,139	38.0	20,695,979	24.3	15,673,750	23.9
Livestock	378	6.7	3,493,817	4.1	3,414,087	5.2
Nuts	33	0.6	919,412	1.1	919,412	1.4
Poultry	59	1.0	1,082,017	1.3	956,586	1.5
Rice	58	1.0	825,701	1.0	825,701	1.3
Sugar	44	0.8	1,574,079	1.8	1,505,403	2.3
Tobacco	33	0.6	302,431	0.4	302,140	0.5
Wool and mohair	170	3.0	34,352	<u>3/</u>	19,937	<u>3/</u>
Miscellaneous ^{4/}	96	1.7	871,068	1.0	871,068	1.3
Total farm products	<u>5/</u> 3,925	69.8	57,032,906	67.0	47,320,868	72.1
Supplies purchased:						
Building materials	1,775	31.6	484,958	0.6	396,499	0.6
Containers and packaging supplies	489	8.7	309,715	0.4	149,550	0.2
Farm chemicals	3,204	57.0	2,478,082	2.9	1,450,803	2.2
Farm machinery and equipment	1,590	28.3	499,089	0.6	356,055	0.5
Feed	3,099	55.1	4,315,984	5.1	3,120,726	4.8
Fertilizer	3,237	57.5	5,614,679	6.6	3,341,571	5.1
Meats and groceries	410	7.3	172,370	0.2	153,002	0.2
Petroleum	2,579	45.3	9,994,658	11.7	5,800,524	8.8
Seed	3,120	55.5	695,101	0.8	510,339	0.8
Miscellaneous supplies ^{6/}	3,688	65.6	1,859,121	2.2	1,361,625	2.1
Total farm supplies	<u>5/</u> 4,283	76.2	26,423,757	31.1	16,640,694	25.4
Services provided:						
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous	<u>5/</u> 3,883	69.0	<u>7/</u> 1,639,878	1.9	<u>7/</u> 1,639,878	2.5
Total business	<u>5/</u> 5,625	100.0	85,096,541	100.0	65,601,440	100.0

^{1/} Preliminary. Totals may not add due to rounding.

^{2/} Number of cooperatives handling each commodity group is computed as a percentage of the total number of 5,625 cooperatives listed.

^{3/} Less than one-tenth of one percent.

^{4/} Includes coffee, fish, forest products, hay, hops, seed marketed for growers, nursery stock, other farm products not separately classified, and sales of farm products not received directly from member-patrons.

^{5/} Because many cooperatives do more than one type of business, these totals are fewer than the number obtained by adding the number of cooperatives handling individual items or performing individual services.

^{6/} Includes plant equipment, automotive supplies, hardware, chicks, and other supplies not separately classified.

^{7/} Charges for services related to marketing or purchasing but not included in the volume reported for those activities.

Table 8--Cooperative business volume 1/ by commodity and State, 1985 2/

States	Beans and peas, dry edible		Cotton		Dairy		Fruits and vegetables	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
<u>1,000 dollars</u>								
Alabama			18,374	18,374	54,156	52,829	3/	3/
Alaska					3	3		
Arizona			150,545	150,280	176,052	175,955	126,771	19,911
Arkansas			81,369	75,057	121,314	117,448	12,154	12,154
California	45,089	45,089	722,451	614,160	1,412,555	1,301,625	2,811,674	1,916,444
Colorado	9,112	6,867			263,853	163,466	48,522	19,350
Connecticut					75,067	65,308	3/	3/
Delaware					20,722	20,654	2,259	2,259
Florida					528,629	454,340	1,082,763	852,626
Georgia			503	503	222,579	217,872	30,362	15,295
Hawaii					3/	3/	17,114	12,634
Idaho	5,497	5,497			187,733	99,766	3/	3/
Illinois	3/	3/			510,320	503,831	2,319	2,319
Indiana					224,162	217,280	22,885	17,563
Iowa					562,585	543,878	20,673	11,360
Kansas	3/	3/			219,335	216,436	383	383
Kentucky					238,867	232,289	3/	3/
Louisiana			46,855	45,473	175,188	174,027	5	5
Maine					22,802	20,748	38,517	38,517
Maryland					272,200	267,106	1,712	1,712
Massachusetts					190,492	181,463	3/	3/
Michigan	64,769	38,771			661,580	660,324	303,354	225,650
Minnesota	3/	3/			2,036,780	1,690,753	7,504	7,504
Mississippi			267,024	247,718	88,188	85,709	3/	3/
Missouri			5,863	5,121	551,766	551,138	549	549
Montana	2,439	2,439			25,728	25,634	3/	3/
Nebraska					158,462	157,979	6,383	6,383
Nevada					31,976	26,650		
New Hampshire					24,220	21,139		
New Jersey					44,229	26,054	106,512	106,512
New Mexico			12,721	12,494			3/	3/
New York	3/	3/			1,241,665	834,043	183,439	150,177
North Carolina			3/	3/	190,899	186,177	8,516	6,754
North Dakota	1,052	1,052			141,119	126,215	3/	3/
Ohio					742,777	742,766	34,370	34,370
Oklahoma	903	903	58,621	38,772	173,032	167,234	1,562	1,562
Oregon	3/	3/			289,503	203,927	293,873	293,873
Pennsylvania					1,206,934	881,202	273,818	265,241
Rhode Island					3/	3/		
South Carolina			4,768	4,768	132,638	64,232	11,896	6,023
South Dakota	4,546	4,546			45,334	44,570		
Tennessee			4,493	4,229	194,411	188,403	252	252
Texas			558,420	432,613	500,071	483,644	11,948	8,608
Utah					251,481	53,439	9,835	3,275
Vermont					316,668	302,480	3/	3/
Virginia					346,395	338,991	1,818	1,818
Washington	10,636	10,636			857,544	360,494	614,363	525,361
West Virginia					23,157	22,656	668	668
Wisconsin					2,796,816	2,642,434	203,388	200,764
Wyoming	8,759	8,759			21,004	14,623		
Foreign <u>4/</u>							51,303	45,756
United States	172,453	144,209	1,942,872	1,660,427	18,504,648	15,959,869	6,614,077	5,068,279

Continued

Table 8--Cooperative business volume 1/ by commodity and State, 1985 2/ -- Continued

States	Grain, soybeans, and soybean meal and oil		Livestock		Nuts		Poultry	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
	<u>1,000 dollars</u>							
Alabama	136,114	91,315	21,295	21,295	60,954	60,954	204,841	204,841
Alaska								
Arizona	3/	3/	17,390	17,390	180	180		
Arkansas	154,882	151,766	5,563	5,563	741	741	11,338	11,338
California	29,835	24,685	79,574	79,574	497,905	497,905	41,862	41,862
Colorado	209,215	198,575	87,789	87,788				
Connecticut							9,261	9,261
Delaware	20,824	20,824	13	13			125	125
Florida	20,502	20,502			13,725	13,725	86,805	86,805
Georgia	3/	3/	19,810	19,810	141,646	141,646	205,319	205,319
Hawaii			3/	3/	5,682	5,682		
Idaho	115,611	97,834	17,853	17,953				
Illinois	2,322,694	1,827,763	463,824	463,824			3/	3/
Indiana	1,211,160	954,071	148,949	148,627			862	862
Iowa	4,051,444	3,040,043	575,125	574,729			18,878	18,878
Kansas	1,096,609	1,048,641	23,485	23,485			159	159
Kentucky	58,933	48,263	60,197	59,849			106	106
Louisiana	184,524	98,309	1	1			159	159
Maine	3/	3/					547	547
Maryland	68,733	54,507	128	128			494	494
Massachusetts	2,220	2,220	2,067	2,067			2,485	2,485
Michigan	281,591	190,578	298,679	298,679			3/	3/
Minnesota	2,607,796	1,852,238	279,077	209,348			125,187	80,534
Mississippi	193,878	183,352	71,306	71,306	2,168	2,168	438	438
Missouri	881,814	525,072	213,675	213,675			212	212
Montana	199,433	129,053	7,216	6,978			150	150
Nebraska	971,487	912,900	362,909	362,909			20,718	10,683
Nevada	3/	3/					2,236	2,236
New Hampshire							293	293
New Jersey	2,844	2,844	3/	3/			728	728
New Mexico	1,921	1,921	14,906	14,906	1,114	1,114		
New York	47,556	47,556	55,881	53,881			21,618	21,618
North Carolina	3/	3/	4,376	4,376	47,543	47,543	58,191	58,191
North Dakota	1,260,639	1,009,968	18,400	14,052			3/	3/
Ohio	1,417,827	835,550	118,018	118,018			692	692
Oklahoma	644,557	244,466	3/	3/	20,131	20,131	106	106
Oregon	294,219	177,491			16,775	16,775	22,258	11,722
Pennsylvania	18,536	18,536	3,194	3,194			8,758	8,758
Rhode Island							3/	3/
South Carolina	37,272	37,272	3/	3/	23,217	23,217	6,462	6,462
South Dakota	737,997	582,045	7,755	6,569				
Tennessee	53,239	35,432	1,310	1,310			212	212
Texas	533,853	472,381	51,436	51,436	38,953	38,953	476	476
Utah	6,693	5,757	3/	3/			103,365	43,158
Vermont	3/	3/	3/	3/				
Virginia	73,492	73,942	5,622	5,621	48,556	48,556	61,822	61,822
Washington	451,662	412,181	3/	3/	3/	3/	1,162	1,162
West Virginia	161	161	4,092	4,092			36,209	36,209
Wisconsin	77,248	68,421	350,435	347,272			19,735	19,735
Wyoming	1,544	1,544	3,466	3,466				
Foreign 4/	72,151	30,953						
United States	20,695,979	15,673,750	3,493,817	3,414,087	919,412	919,412	1,082,017	956,586

Continued

Table 8--Cooperative business volume 1/ by commodity and State, 1985 2/ -- Continued

States	Rice		Sugar		Tobacco		Wool and Mohair	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
	<u>1,000 dollars</u>							
Alabama			44	44				
Alaska								
Arizona			966	966				
Arkansas	314,703	314,703	75	75			24	24
California	248,991	248,991	576,885	560,738			3,342	1,846
Colorado			704	704			268	132
Connecticut					39	39		
Delaware								
Florida			149,653	115,296	3,154	3,154	3/	3/
Georgia					12,616	12,616	3/	3/
Hawaii			5/	5/				
Idaho			109,072	109,072			544	408
Illinois			3/	3/			3/	3/
Indiana					354	354	459	187
Iowa			3/	3/			1,778	636
Kansas			316	316			1,558	742
Kentucky					76,273	76,273	341	69
Louisiana	41,812	41,812	97,291	79,118			3/	3/
Maine							50	16
Maryland					3/	3/	3/	3/
Massachusetts			12	12	3/	3/	3/	3/
Michigan			3/	3/			283	283
Minnesota			327,181	327,181	51	51	2,971	1,481
Mississippi	25,781	25,781	1,309	1,309			3/	3/
Missouri	14,747	14,747	75	75	183	183	388	116
Montana			33,813	33,813			1,264	1,264
Nebraska			3,989	3,989			1,566	
Nevada			75	75			596	52
New Hampshire							745	711
New Jersey							3/	3/
New Mexico			149	149			772	772
New York			3/	3/			181	181
North Carolina					129,079	128,788	3/	3/
North Dakota			28,569	28,569			125	125
Ohio			13,128	13,128	251	251	1,383	567
Oklahoma							432	159
Oregon			3/	3/				
Pennsylvania							367	367
Rhode Island								
South Carolina			44	44	18,956	18,956		
South Dakota			144,038	144,038			9,106	5,452
Tennessee					21,002	21,002		
Texas	179,667	179,667	35,039	35,039			2,127	1,039
Utah			281	281			3/	3/
Vermont								
Virginia					33,645	33,645	404	404
Washington			1,537	1,537			84	84
West Virginia					58	58	251	251
Wisconsin					3/	3/	777	472
Wyoming			4,778	4,778			1,923	1,923
Foreign <u>4/</u>			1,105	1,105				
United States	825,701	825,701	1,574,079	1,505,403	302,431	302,140	34,352	19,937

Continued

Table 8--Cooperative business volume 1/ by commodity and State, 1985 2/ -- Continued

States	Miscellaneous marketing <u>6/</u>		Total farm products marketed		Building materials		Containers and packaging supplies	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
	<u>1,000 dollars</u>							
Alabama	2,052	2,052	498,864	452,738	6,990	4,953	6,484	6,484
Alaska			3/	3/	3/	3/		
Arizona			472,672	365,451	1,596	617	7,408	
Arkansas	124,403	124,403	826,566	813,273	7,242	6,584	2,316	2,152
California	53,988	53,988	6,524,151	5,386,907	10,539	8,548	70,981	15,896
Colorado	3,573	3,573	523,036	480,456	5,106	3,945	938	938
Connecticut			84,918	75,159	3,823	2,453	316	203
Delaware			43,942	43,875	2,724	1,669	130	84
Florida	4,825	4,825	1,890,056	1,551,273	5,953	5,360	113,997	40,888
Georgia	3/	3/	747,711	727,937	3,564	3,238	6,286	6,286
Hawaii	4,798	4,798	44,429	39,950	2,177	719	814	693
Idaho	3/	3/	441,765	335,885	2,065	2,005	183	183
Illinois	10,253	10,253	3,322,537	2,821,117	21,691	15,191	3,262	3,262
Indiana	34	34	1,608,865	1,338,979	26,025	22,482	43	43
Iowa	1,591	1,591	5,233,409	4,192,451	63,713	59,372	291	291
Kansas	2,844	2,844	1,344,690	1,293,008	17,497	13,693	187	187
Kentucky			435,902	418,033	8,345	5,480	125	125
Louisiana	131	131	546,052	439,121	2,541	1,286	728	710
Maine	3/	3/	64,109	62,020	6,197	4,552	2,522	2,386
Maryland	3/	3/	344,937	325,616	8,433	5,247	128	83
Massachusetts			445,977	420,948	6,528	4,336	1,060	879
Michigan	8,095	8,095	1,618,668	1,422,696	6,896	6,663	5,678	4,382
Minnesota	26,230	26,230	5,412,777	4,195,320	31,218	29,927	2,500	2,500
Mississippi	2,641	2,641	652,796	620,485	7,782	4,672	1,873	1,761
Missouri	3/	3/	1,672,818	1,314,434	13,209	8,978	703	703
Montana			272,713	202,002	4,281	4,225	275	275
Nebraska	12,103	12,103	1,537,616	1,466,945	20,605	17,570	271	271
Nevada	3/	3/	36,884	31,014	95	89	3/	3/
New Hampshire			25,259	22,143	1,525	977	126	81
New Jersey	3/	3/	162,300	144,125	7,647	5,450	5,551	5,369
New Mexico	1,780	1,780	37,763	37,537	136	103	446	446
New York	3/	3/	1,559,514	1,118,629	25,303	17,332	4,451	3,861
North Carolina	3/	3/	471,068	464,294	3,063	2,581	1,904	1,904
North Dakota	237	237	1,457,699	1,187,775	27,324	26,915	906	906
Ohio	70	70	2,328,514	1,745,410	10,314	8,933	1,901	1,901
Oklahoma	611	611	940,063	514,052	6,144	4,725	2,150	1,446
Oregon	3,093	3,093	964,185	751,355	3,315	3,229	5,763	5,763
Pennsylvania	6	6	1,511,613	1,177,304	26,500	17,171	2,970	2,221
Rhode Island			3/	3/	3/	3/	3/	3/
South Carolina	1	1	235,990	161,711	417	417	174	174
South Dakota	1,423	1,423	950,199	788,642	11,902	10,971	110	110
Tennessee	3/	3/	274,925	250,845	18,980	18,536	684	683
Texas	5,719	5,719	1,915,581	1,708,536	5,046	3,451	22,353	14,002
Utah	3/	3/	421,942	155,109	3,180	3,176	1,816	1,816
Vermont			334,035	319,813	5,339	3,421	849	690
Virginia			571,754	564,349	14,122	10,011	192	192
Washington	1,849	1,849	1,939,221	1,313,688	5,644	5,437	23,467	12,107
West Virginia	3/	3/	64,622	64,121	2,329	1,517	44	44
Wisconsin	3/	3/	3,454,816	3,285,515	8,051	6,903	4,104	3,939
Wyoming			41,473	35,093	712	590	3/	3/
Foreign <u>4/</u>	572,141	572,141	696,700	649,955	57	4	121	121
United States	871,068	871,068	57,032,906	47,320,868	484,958	396,499	309,715	149,550

Continued

Table 8--Cooperative business volume 1/ by commodity and State, 1985 2/ -- Continued

States	Farm chemicals		Farm machinery and equipment		Feed		Fertilizer	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
	<u>1,000 dollars</u>							
Alabama	43,697	22,102	9,062	8,064	118,553	102,682	145,125	93,269
Alaska			3/	3/	3/	3/	3/	3/
Arizona	534	236	219	1	5,687	2,675	2,598	90
Arkansas	58,481	31,231	17,385	8,656	62,638	33,570	132,590	70,942
California	42,013	26,104	13,164	8,483	131,622	123,793	83,304	66,515
Colorado	20,196	9,441	6,630	5,127	36,603	22,261	60,222	37,564
Connecticut	6,097	3,330	2,790	1,788	59,517	48,058	10,691	6,181
Delaware	4,717	3,047	2,080	1,425	13,747	8,057	13,892	8,182
Florida	16,825	14,277	6,602	6,441	69,631	65,887	117,847	46,747
Georgia	36,220	25,685	5,118	5,077	137,188	135,833	83,853	75,205
Hawaii	3,975	1,832	386	198	3,801	3,715	4,772	2,410
Idaho	15,552	9,804	2,694	1,319	11,287	7,975	45,796	26,018
Illinois	293,342	163,316	32,991	20,090	168,587	117,912	624,500	311,206
Indiana	122,771	65,260	7,324	6,451	130,973	87,673	256,115	146,294
Iowa	323,364	177,156	23,824	16,322	467,523	312,856	624,247	365,637
Kansas	82,692	47,925	22,201	17,451	172,913	122,652	242,571	168,798
Kentucky	25,585	19,519	9,326	7,873	59,098	41,138	56,145	40,805
Louisiana	46,352	23,297	8,410	4,968	28,837	15,459	102,000	41,861
Maine	9,439	6,671	8,088	6,885	29,735	18,277	11,542	7,032
Maryland	18,631	13,253	10,575	8,844	38,601	26,605	47,828*	30,961
Massachusetts	5,225	2,919	4,653	3,049	38,075	28,527	9,488	5,730
Michigan	45,835	30,953	6,062	5,922	62,847	50,152	77,578	51,179
Minnesota	244,151	142,347	35,399	19,844	314,628	199,582	405,605	241,325
Mississippi	102,320	56,037	4,016	2,654	50,135	32,135	184,364	99,639
Missouri	79,301	62,464	12,195	9,428	167,921	129,330	218,091	151,126
Montana	16,272	6,965	4,213	1,946	19,573	8,439	27,942	20,962
Nebraska	112,511	70,807	21,983	17,550	157,020	94,708	256,987	181,133
Nevada	527	264	233	145	2,423	2,331	520	390
New Hampshire	3,043	1,659	1,116	715	17,679	11,950	5,330	3,075
New Jersey	12,354	7,701	6,265	4,655	47,928	28,772	20,817	13,213
New Mexico	1,089	784	250	208	2,164	1,728	2,218	1,572
New York	69,343	31,670	32,412	23,833	258,079	202,175	102,260	58,926
North Carolina	23,638	13,538	5,999	3,656	67,338	66,901	49,451	33,817
North Dakota	48,511	44,752	13,807	9,045	43,538	22,239	149,731	100,090
Ohio	91,618	58,383	21,541	16,763	157,570	118,778	215,004	132,889
Oklahoma	18,282	5,309	4,615	2,842	54,599	35,601	94,474	51,038
Oregon	21,474	15,382	13,908	12,476	49,312	45,729	33,235	28,000
Pennsylvania	36,933	21,623	23,581	15,542	182,310	118,817	84,709	44,689
Rhode Island	3/	3/	3/	3/	3/	3/	3/	3/
South Carolina	7,729	7,729	534	534	24,363	24,267	10,502	9,884
South Dakota	52,521	34,653	12,639	9,424	78,475	50,499	116,027	74,643
Tennessee	57,422	26,926	14,018	9,486	160,020	87,066	173,296	78,813
Texas	65,107	37,048	10,921	7,165	56,400	34,917	197,983	107,650
Utah	3,925	3,284	2,611	2,456	48,073	47,771	9,159	8,670
Vermont	3/	3/	3,906	2,503	38,649	23,371	15,689	9,675
Virginia	43,367	24,852	11,650	8,557	134,193	107,699	85,419	62,443
Washington	40,640	24,979	14,604	11,327	36,134	32,465	44,261	38,498
West Virginia	5,558	4,148	2,073	1,666	31,556	26,516	16,439	10,861
Wisconsin	86,386	44,282	23,078	15,909	244,316	179,934	249,145	154,204
Wyoming	2,848	832	744	366	5,636	3,671	4,777	1,803
Foreign <u>4/</u>	537	50	320	253	13,355	4,354	86,647	18,773
United States	2,478,082	1,450,803	499,089	356,055	4,315,984	3,120,726	5,614,679	3,341,571

Continued

Table 8--Cooperative business volume 1/ by commodity and State, 1985 2/ -- Continued

States	Meats and groceries		Petroleum		Seed		Miscellaneous supplies <u>7/</u>	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
	1,000 dollars							
Alabama	54	54	19,014	18,296	33,002	20,280	27,241	23,223
Alaska					3/	3/	3/	3/
Arizona			1,554	1,168	1,320	1,277	13,412	11,669
Arkansas	3,208	3,208	120,796	59,749	16,925	10,134	38,998	24,313
California	15,422	8,292	33,216	7,487	18,679	18,679	26,335	17,210
Colorado	479	479	139,318	87,981	3,967	3,294	27,385	22,646
Connecticut	121	121	24,469	19,342	2,926	1,592	12,703	7,433
Delaware	15	15	47,732	30,669	2,414	1,463	8,554	4,956
Florida	3/	3/	12,885	10,644	4,106	3,016	8,854	8,160
Georgia	3/	3/	6,484	5,419	13,391	13,270	37,730	37,619
Hawaii	3/	3/	236	45	36	26	1,754	1,335
Idaho	44	44	50,263	47,651	6,513	5,109	16,675	13,087
Illinois	550	550	679,970	358,565	48,573	32,929	54,572	37,481
Indiana	575	575	383,786	252,979	13,177	10,389	32,108	22,094
Iowa	2,461	2,329	1,132,830	518,030	60,223	37,403	89,981	75,363
Kansas	13,122	13,122	925,843	287,899	9,786	9,786	81,915	70,584
Kentucky	76	76	138,591	87,797	14,762	10,683	29,431	20,490
Louisiana	238	238	16,610	6,772	21,812	12,364	23,341	15,182
Maine	3/	3/	37,455	32,328	3,010	1,676	16,419	10,200
Maryland	54	50	188,883	122,621	11,805	7,648	27,181	16,946
Massachusetts	2,139	2,139	36,780	29,060	2,626	1,514	19,767	11,476
Michigan	8,692	8,692	89,857	70,030	12,777	11,061	34,503	25,572
Minnesota	18,834	17,152	657,045	356,230	42,115	31,802	148,437	93,463
Mississippi	3/	3/	29,817	18,401	28,179	17,119	38,041	25,779
Missouri	14,003	14,003	384,294	250,403	24,109	22,523	72,418	39,158
Montana	3,046	3,046	153,262	76,365	3,367	991	29,423	25,188
Nebraska	22,911	22,911	556,094	305,746	9,859	7,788	57,537	44,579
Nevada			796	506	75	75	653	462
New Hampshire	714	714	24,461	19,334	1,439	772	4,410	2,337
New Jersey	2,664	29	71,614	60,283	5,673	3,450	22,006	13,664
New Mexico	3/	3/	37,923	12,029	594	594	1,376	1,276
New York	131	131	846,297	617,652	19,476	13,696	129,411	87,297
North Carolina	3/	3/	20,625	19,928	8,722	8,722	14,348	11,493
North Dakota	5,467	5,467	341,970	193,586	21,831	17,241	65,007	56,232
Ohio	4,174	3,709	200,391	143,868	38,868	30,627	46,656	38,392
Oklahoma	85	85	133,339	71,533	5,053	5,045	23,239	19,009
Oregon	23	23	94,934	52,123	10,939	9,508	34,989	32,437
Pennsylvania	3/	3/	435,237	342,038	18,571	11,235	87,178	52,402
Rhode Island	3/	3/	3/	3/	3/	3/	3/	3/
South Carolina			2,211	2,211	3,262	3,262	4,078	4,078
South Dakota	670	670	273,480	167,148	10,788	8,574	49,090	42,364
Tennessee	3/	3/	67,061	32,694	36,573	22,493	80,631	39,210
Texas	553	553	170,574	101,126	23,347	22,215	52,563	47,811
Utah	8	8	10,266	5,653	3,367	3,205	11,304	10,358
Vermont	3/	3/	36,942	29,222	4,838	3,059	15,768	8,503
Virginia	2,493	2,491	178,044	116,203	18,523	13,860	70,198	43,849
Washington	7,808	7,808	141,776	79,613	15,765	13,497	34,021	26,876
West Virginia	19	19	35,079	22,758	3,574	2,409	8,024	5,538
Wisconsin	21,145	21,145	533,394	341,665	30,073	19,156	119,323	106,392
Wyoming	3/	3/	36,977	25,028	564	321	4,328	3,450
Foreign <u>4/</u>	15,896	9,132	421,892	272,950	3,218	3,218	3,504	1,724
United States	172,370	153,002	9,994,658	5,800,524	695,101	510,339	1,859,121	1,361,625

Continued

Table 8--Cooperative business volume 1/ by commodity and State, 1985 2/ -- Continued

States	Total supplies		Services	Total		
	Gross	Net	Receipts <u>8/</u>	Cooperatives	Gross	Net
	<u>1,000 dollars</u>			<u>Number</u>	<u>1,000 dollars</u>	
Alabama	409,223	299,407	7,610	80	915,697	759,755
Alaska	3/	3/	3/	1	3/	3/
Arizona	34,328	17,733	5,937	14	512,937	389,121
Arkansas	460,579	250,541	59,295	102	1,346,440	1,123,109
California	445,276	301,006	82,737	233	7,052,164	5,770,650
Colorado	300,844	193,676	15,702	73	839,582	689,834
Connecticut	123,455	90,501	3/	5	209,761	167,048
Delaware	96,005	59,568	844	5	140,792	104,287
Florida	358,351	202,525	44,422	66	2,292,829	1,798,220
Georgia	329,871	307,667	5,566	21	1,083,149	1,041,170
Hawaii	17,958	10,975	474	28	62,862	51,400
Idaho	151,073	113,195	12,446	60	605,284	461,526
Illinois	1,928,038	1,060,503	90,259	269	5,340,834	3,971,879
Indiana	972,897	614,239	31,500	82	2,613,261	1,984,718
Iowa	2,788,457	1,564,758	159,018	373	8,180,885	5,916,227
Kansas	1,568,727	752,097	108,244	233	3,021,662	2,153,350
Kentucky	341,485	233,986	8,576	92	785,963	660,595
Louisiana	250,868	122,136	11,988	70	808,909	573,244
Maine	124,658	90,259	2,736	7	191,503	155,016
Maryland	352,118	232,258	4,778	24	701,834	562,653
Massachusetts	126,342	89,628	503	16	572,823	511,079
Michigan	350,726	264,606	36,437	100	2,005,831	1,723,739
Minnesota	1,899,931	1,134,172	99,670	566	7,412,378	5,429,162
Mississippi	446,624	258,294	28,233	142	1,127,653	907,012
Missouri	986,244	688,116	71,046	110	2,730,108	2,073,596
Montana	261,654	148,402	5,885	120	540,252	356,290
Nebraska	1,215,779	763,062	135,910	236	2,889,304	2,365,917
Nevada	5,389	4,330	1,350	5	43,624	36,695
New Hampshire	59,843	41,614	402	2	85,503	64,158
New Jersey	202,518	142,586	4,845	23	369,662	291,555
New Mexico	46,195	18,741	2,930	15	86,888	59,208
New York	1,487,162	1,056,572	31,773	200	3,078,450	2,206,974
North Carolina	195,107	162,559	7,449	34	673,624	634,302
North Dakota	718,091	476,473	35,947	391	2,211,738	1,700,195
Ohio	788,037	554,244	48,245	151	3,164,795	2,347,898
Oklahoma	341,981	196,633	56,206	140	1,338,250	766,891
Oregon	267,892	204,669	39,619	50	1,271,707	995,643
Pennsylvania	898,415	626,161	16,043	84	2,426,071	1,819,508
Rhode Island	3/	3/	3/	1	3/	3/
South Carolina	53,270	52,556	899	17	290,158	215,165
South Dakota	605,701	399,055	26,578	222	1,582,477	1,214,275
Tennessee	608,886	316,109	6,219	101	890,030	573,173
Texas	604,848	375,939	176,456	387	2,696,886	2,260,932
Utah	93,708	86,396	1,263	39	516,914	242,768
Vermont	130,262	85,036	1,217	6	465,514	406,066
Virginia	558,201	390,156	8,360	101	1,138,316	962,866
Washington	364,120	252,608	81,801	122	2,385,142	1,648,096
West Virginia	104,696	75,476	1,369	44	170,688	140,967
Wisconsin	1,319,014	893,529	55,785	342	4,829,616	4,234,830
Wyoming	58,192	37,668	1,211	20	100,876	73,971
Foreign <u>4/</u>	545,547	310,578	1,820		1,244,067	962,353
United States	26,423,757	16,640,694	1,639,878	5,625	85,096,541	65,601,440

See next page for footnote references.

Footnotes to table 8

1/ Data covering operations of cooperatives whose business years ended during the 1985 calendar year. Includes independent local cooperatives, federations, centralized cooperatives, and cooperatives with mixed organizational structures. The volume of products marketed is allocated to the State in which they originate and the volume of farm supplies is allocated to the State in which they are sold; service volume is allocated to the State of origin when services relate to farm products marketed or to the State of destination when related to farm supplies sold.

2/ Gross business volume includes sales between cooperatives. Net business volume excludes sales between cooperatives. Totals may not add due to rounding.

3/ Dollar volume is not shown to avoid disclosing operations of individual cooperatives.

4/ Includes value of farm products imported, farm supplies exported, services related to imported farm products or exported farm supplies, sales to domestic military installations, or sales of farm products not received directly from member-patrons.

5/ Included in dollar volume of California.

6/ Includes forest products, hays, hops, nursery stock, coffee, and other farm products not separately classified. Also includes manufactured food products and resale items marketed by cooperatives.

7/ Includes automotive supplies, hardware, chicks, and other supplies not separately classified.

8/ Receipts for services related to marketing and purchasing activities but not included in the volumes reported for these activities.

Table 9--Selected balance sheet data for farmer cooperatives, 1985

Principal products marketed and major function	Cooperatives ^{1/}	Total assets	Total liabilities	Net worth
	<u>Number</u>	-----1,000 dollars-----		
Products marketed:				
Cotton	417	977,717	491,908	485,809
Dairy	383	4,079,322	2,520,731	1,558,511
Fruit & vegetables	343	3,136,081	2,218,424	917,657
Grain, soybeans, and soybean meal & oil	1,623	6,884,596	3,384,200	3,500,396
Livestock, wool, and poultry	486	656,463	404,005	252,458
Rice	51	376,920	216,085	160,835
Sugar	38	912,705	573,227	339,478
Other products ^{2/}	100	777,873	582,737	195,136
Total farm products	3,441	17,801,677	10,391,318	7,410,359
Total farm supplies	2,036	9,729,244	5,209,272	4,519,972
Total related services	148	247,650	124,749	122,901
Combined total	5,625	27,778,571	15,725,339	12,053,232

^{1/} Many cooperatives are multiproduct and multifunctional in operations and are classified according to predominant commodity or function indicated by business volume.

^{2/} Includes dry edible beans and peas, nuts, tobacco, and miscellaneous products.

Figure 8

Assets and Net Worth of Farmer Cooperatives

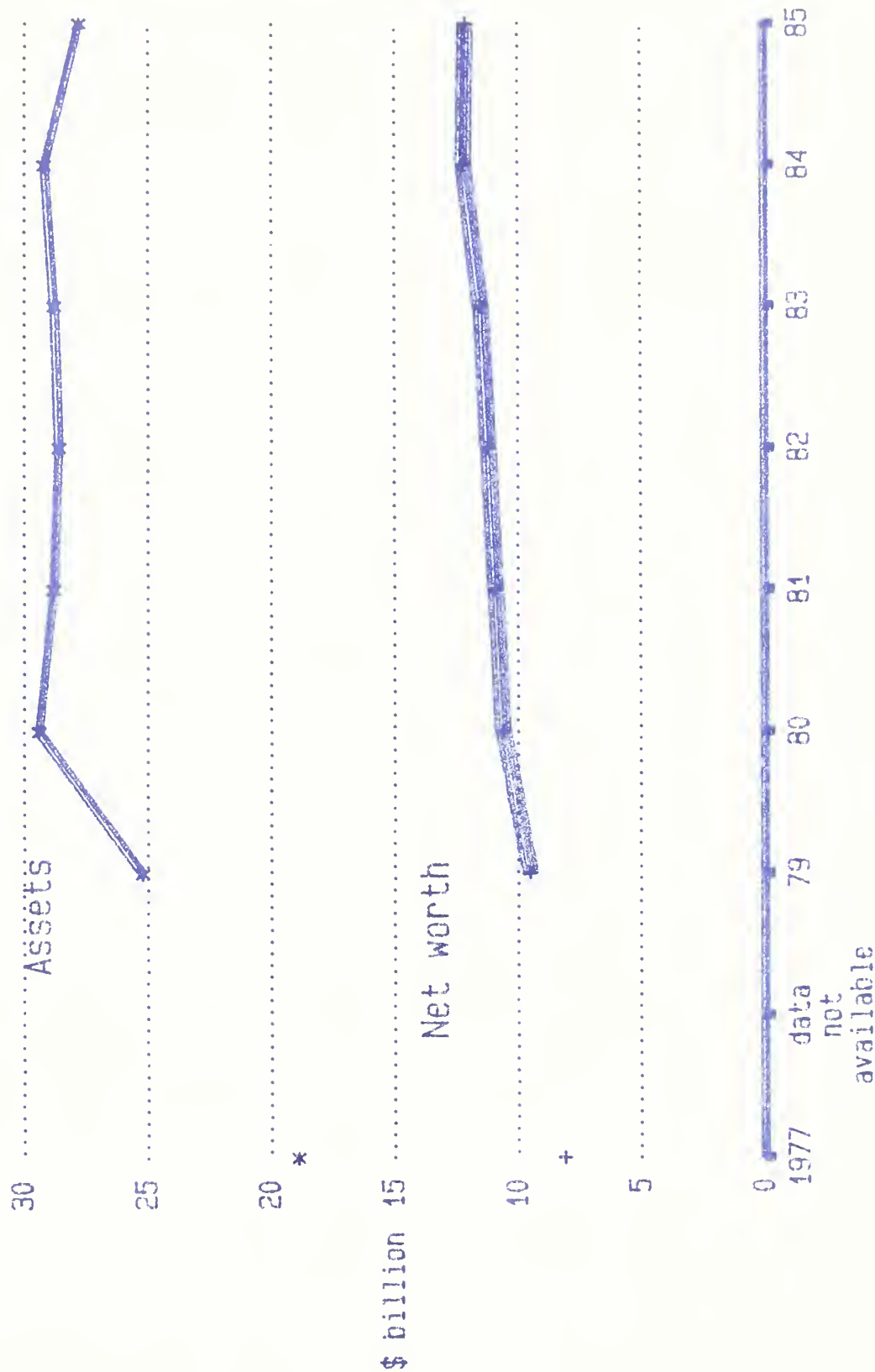


Table 10--Assets of farmer cooperatives, 1985

Principal products marketed and major function	Cooperatives <u>1/</u>				Investments in other co-ops as percent of total
	Number	Assets from own operations	Investments in other cooperatives	Total assets	
		-----1,000 dollars-----			Percent
Products marketed:					
Cotton	417	886,913	90,804	977,717	9.3
Dairy	383	3,715,081	364,241	4,079,322	8.9
Fruits & vegetables	343	3,053,414	82,667	3,136,081	2.6
Grain, soybeans, and soybean meal & oil	1,623	5,791,454	1,093,142	6,884,596	15.9
Livestock, wool, and poultry	486	606,675	49,788	656,463	7.6
Rice	51	354,789	22,131	376,920	5.9
Sugar	38	910,387	2,318	912,705	0.3
Other products <u>2/</u>	100	767,404	10,469	777,873	1.3
Total farm products	3,441	16,086,117	1,715,560	17,801,677	9.6
Total farm supplies	2,036	8,182,889	1,546,355	9,729,244	15.9
Total related services	148	240,027	7,623	247,650	3.1
Combined total	5,625	24,509,033	3,269,538	27,778,571	11.8

1/ Many cooperatives are multiproduct and multifunctional in operations and are classified according to predominant commodity or function indicated by business volume.

2/ Includes dry edible beans and peas, nuts, tobacco, and miscellaneous products.

of total liabilities for all cooperatives, compared with 64 percent in 1984. Grain marketing cooperatives showed nearly \$3.4 billion, a 9.9-percent decrease. Combined liabilities financed 56.6 percent of total cooperative assets.

Net worth or member and patron equity for all marketing cooperatives totaled more than \$7.4 billion, up slightly (less than 1 percent) from 1984. Marketing cooperatives again maintained more than half the total (61.5 percent), while farm supply cooperatives accounted for 37.5 percent. The highest percent of total assets represented by net worth for all marketing cooperatives (50.8 percent) was for cooperatives primarily marketing grain, soybeans, and soybean meal and oil. The lowest percent (25.1 percent) was for cooperatives primarily marketing other product 5/. Cooperatives classified as farm marketing and farm supply had 41.6 and 46.5 percent, respectively.

Net Margins

Total net margins, less losses, for all cooperatives were more than \$775 million, including intercooperative dividends and refunds (figure 9). Net margins were down 23.1 percent from the previous year's total of \$1.01 billion. Intercooperative dividends of \$210 million were up 13.2 percent from \$185 million. Losses totaled \$273.1 million--up from \$174.4 million in 1984.

Marketing cooperatives' net margins of \$600 million were 10.2 percent below the \$668 million generated in 1984 (table 11). Also, marketing cooperatives' net margins accounted for 77.3 percent of total net margins and 0.7 percent of gross sales volume. Cooperatives whose principal commodity was dairy dropped 5.2 percent from 1984 but maintained the largest percent of marketing cooperatives' net margins (31 percent).

Farm supply cooperatives' net margins (\$150 million) dropped severely from the \$316 million in 1984--a decrease of 52.6 percent. Farm supply cooperatives' percent of total net margins dropped from 31.3 percent to only 19.3 percent in 1985. The largest drop in net margins of farm supply cooperatives came from their own operations--down from \$220.1 million to \$60.6 million. The decline in net margins is mainly due to large losses incurred by some of the larger cooperatives.

Farmer cooperatives' net margins from their operations totaled \$566 million--down 31.3 percent from \$823 million. More than 27 percent, or \$210 million, of total net margins was generated from other cooperatives, up from 18.4 percent. Marketing cooperatives' net margins from other cooperatives increased from 13.3 percent to 19.8 percent of the total. More than 46.4 percent of the net margins generated by grain cooperatives came from other cooperatives.

Other Service Organizations

Other types of service cooperatives or organizations were operating in 1985 besides those directly related to marketing and farm purchasing. Data for these organizations are shown by farm credit district in table 12 and by State in table 13. A map showing States in each district appears as figure 10.

Federal Land Bank Associations

Federal land bank associations totaled 306 with more than \$48.9 billion in outstanding loans throughout the United States and Puerto Rico. The Texas district

5/ Includes dry edible beans and peas, nuts, tobacco, and miscellaneous products.

Figure 9

Net Margins of Farmer Cooperatives

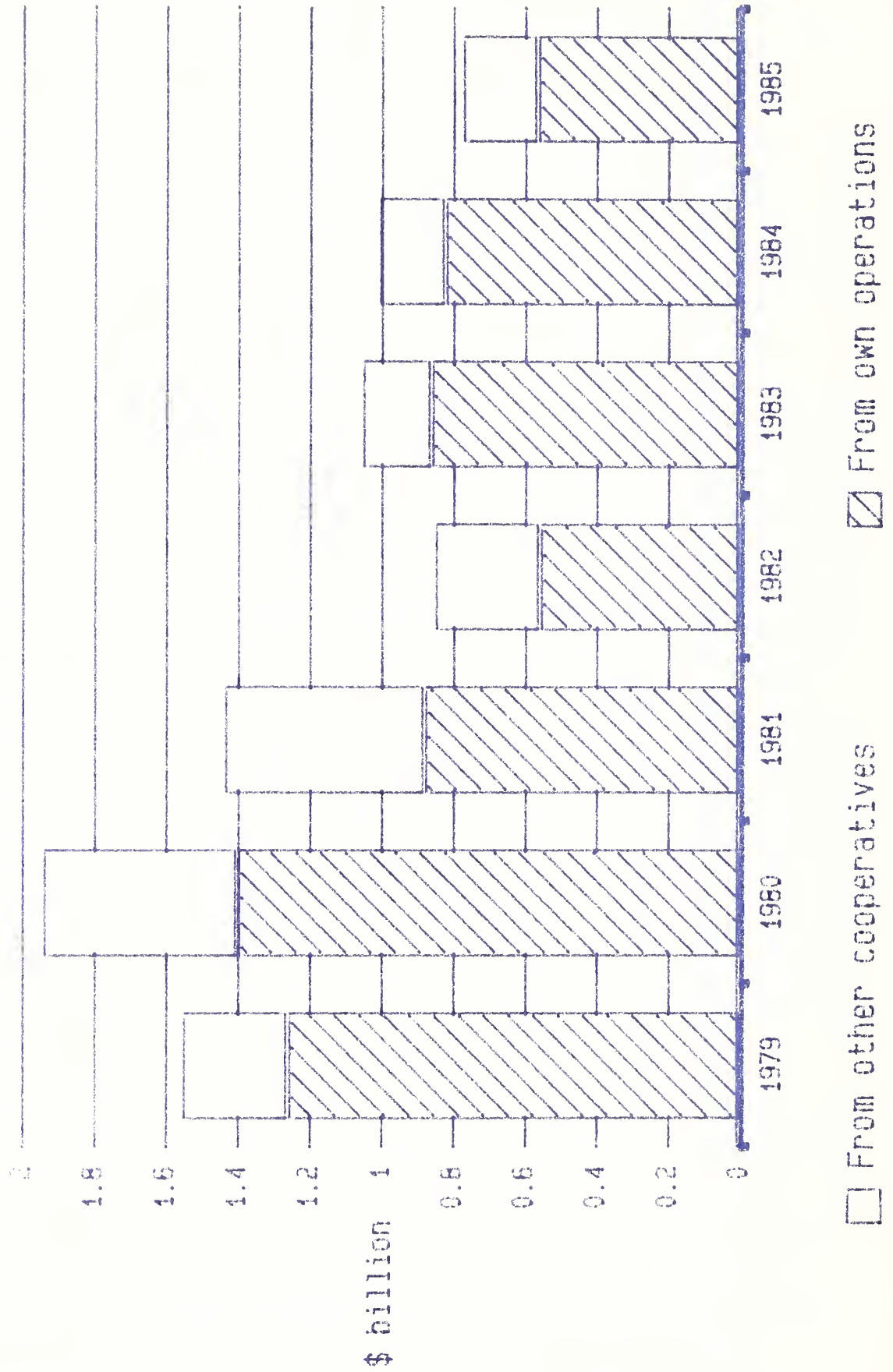


Table 11--Farmer cooperative net margins, 1985 1/

Principal products marketed and major function	Cooperatives 2/	Total net margins	Margins from own operations	Margins from other cooperatives
	<u>Number</u>			
		-----1,000 dollars-----		
Products marketed:				
Cotton	417	110,930	97,803	13,127
Dairy	383	185,577	161,098	24,479
Fruits & vegetables	343	106,651	86,958	19,693
Grain, soybeans, and soybean meal & oil	1,623	125,717	67,333	58,384
Livestock, wool, and poultry	486	36,367	35,435	932
Rice	51	11,498	9,113	2,385
Sugar	38	6,917	7,703	-786
Other products 3/	100	15,920	15,389	531
Total farm products	3,441	599,577	480,832	118,745
Total farm supplies	2,036	149,614	60,576	89,038
Total related services	148	26,305	24,530	1,775
Combined total	5,625	775,496	565,938	209,558

1/ Cooperatives operating on a pooling basis are not included.

2/ Many cooperatives are multiproduct and multifunctional in operations and are classified according to predominant commodity or function indicated by business volume.

3/ Includes dry edible beans and peas, nuts, tobacco, and miscellaneous products.

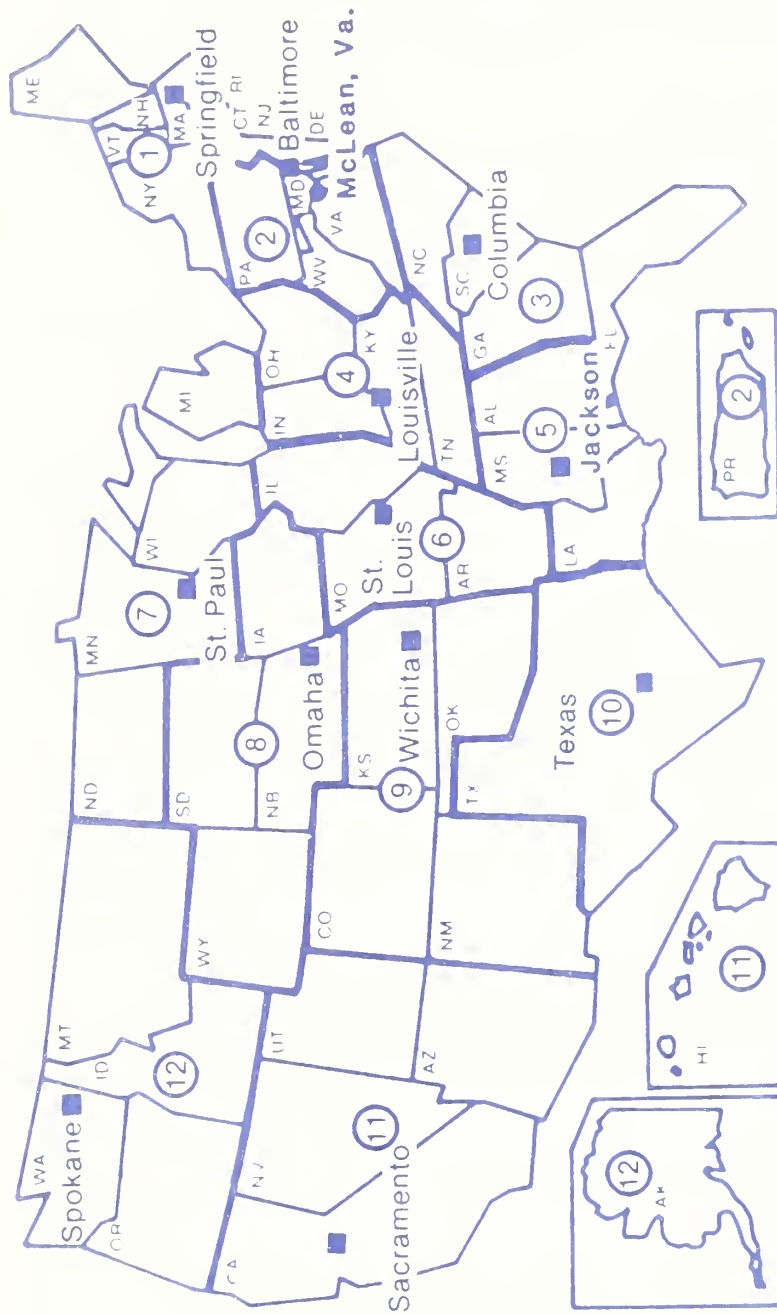
Table 12--Number and level of activity of Farm Credit System cooperatives by district 1/

Districts 2/	Federal Land Banks			Production Credit Associations			Bank For Cooperatives				
	Federal land bank associations	Assets	Net worth	Net loans outstanding	Associations	Net worth	Assets	Net loans outstanding	Net worth	Assets	Net loans outstanding
	Number	1,000 dol.			Number		1,000 dol.			1,000 dol.	
Springfield	20	121,683		969,106	20	116,633	709,309	653,799	51,050	199,205	158,334
Baltimore	26	257,265		2,142,411	26	146,974	781,440	700,000	20,500	100,978	52,535
Columbia	20	581,238		5,131,566	29	344,757	1,644,062	1,328,032	63,745	345,068	277,575
Louisville	10	251,352		4,057,973	6	322,761	1,562,197	1,227,695	103,254	522,156	410,789
Jackson	32	181,813		2,623,851	2	139,916	608,705	502,910	116,101	437,149	293,299
St. Louis	21	302,001		5,080,437	4	255,350	1,024,029	861,918	91,138	450,820	306,156
St. Paul	37	505,307		7,416,129	35	409,394	2,854,454	2,507,206	242,622	1,308,613	995,233
Omaha	31	278,544		5,995,839	1	153,587	1,299,160	1,078,333	96,834	516,565	429,155
Wichita	37	264,774		5,113,852	34	230,205	1,024,389	860,353	150,787	489,559	353,456
Texas	44	230,259		2,985,190	28	241,953	1,186,169	1,077,889	45,430	269,269	153,351
Sacramento	27	366,259		5,068,614	28	419,668	2,960,298	2,710,666	102,752	577,536	505,150
Spokane	1	352,388		3,731,685	3	50,535	838,147	741,776	54,741	377,564	294,282
United States	306	3,692,883		48,929,572	216	2,831,733	16,492,359	14,250,577	1,138,954	5,594,482	4,229,315

1/ For year ended December 31, 1985. Source: Summary Report of Condition and Performance of the Farm Credit System
 2/ See figure 10.

Figure 10

Cooperative Farm Credit Districts



● Farm Credit Administration ■ Farm Credit Banks for Cooperatives

led all farm credit districts with 14.4 percent of the total number of associations and the St. Paul and Wichita districts ranked second with 12.1 percent. Total assets of the federal land bank associations were nearly \$52.2 billion. Net worth was \$3.7 billion, representing almost 7.1 percent of the total assets. The St. Paul district was the leader in outstanding loans (\$7.3 billion) and assets (\$7.4 billion). However, the Columbia district led in net worth with 15.7 percent of the total; the St. Paul district ranked second with 13.7 percent.

Production Credit Associations

Production credit associations, totaling 216, had outstanding loans of nearly \$14.3 billion. Assets totaled \$16.5 billion while net worth, exceeding \$2.8 billion, financed 17.2 percent of the total.

The Sacramento district was the leading PCA in three categories nationally, accounting for 19 percent of total outstanding loans, 17.9 percent of total assets, and 14.8 percent of total net worth.

Banks for Cooperatives

Thirteen banks for cooperatives had outstanding loans of \$4.2 billion. Total assets were \$5.6 billion and net worth totaled \$1.1 billion. The proportion of total assets financed by equity was 20.4 percent.

The St. Paul district led all farm credit districts with 23.5 percent of the outstanding loans, 23.4 percent of the total assets, and 21.3 percent of member equity.

Rural Credit Unions

Rural credit unions numbered 915 with 2,811,256 members holding share savings of nearly \$6 billion.

Wisconsin led all States in number of associations with 9.9 percent of total, while California led in number of members, with 21.6 percent of the total, and in share savings with 25.6 percent of the total.

Rural Electric Cooperatives

Rural electric cooperatives, totaling 927, reported nearly 10.2 million consumer members and revenue of more than \$18.8 billion.

Texas again led all States, with 8.6 percent of total associations, 9.7 percent of total consumer memberships, and 7.8 percent of total revenue.

Rural Telephone Cooperatives

Rural telephone cooperatives borrowing from the Rural Electrification Administration (REA), totaled 249, with revenues of more than \$604 million and 1,043,773 subscriber members.

Iowa had the largest number of cooperatives (13.3 percent of the total), while Texas accounted for more subscriber memberships (9.1 percent) and revenue (13 percent) than any other State.

Dairy Herd Improvement Associations

Dairy herd improvement memberships numbered 37,457 and cows tested totaled nearly 3.3 million.

New York (2,746), Pennsylvania (3,820), Minnesota (4,632), and Wisconsin (6,029) combined accounted for 46 percent of total members. Nearly 548,000, or 16.7 percent, of the cows tested were in California.

Table 13—Number, participation, and level of activity of service cooperatives by State 1/

States	Rural Credit Unions 2/			Rural Electric Cooperatives			Rural Telephone Cooperatives 3/		
	Coopera- tives	Members	Loans made during year	Coopera- tives	Members (consumers)	Revenue	Coopera- tives	Members (subscribers)	Revenue
	Number	1,000 dol.		Number	1,000 dol.		Number	1,000 dol.	
Alabama	12	16,804	28,483	22	319,145	413,626	3	18,171	8,157
Alaska	1	16,712	32,995	14	147,019	253,559	7	33,028	37,951
Arizona	6	12,210	17,916	7	81,747	258,479	1	2,715	3,960
Arkansas	5	3,353	3,887	20	292,669	607,500	2	6,053	3,108
California	79	607,993	1,549,122	3	11,628	12,104			
Colorado	19	19,529	27,040	24	271,370	728,103	5	7,203	5,048
Connecticut	2	1,266	1,255						
Delaware	1	1,805	3,912	1	36,100	28,726			
Florida	27	83,780	136,429	16	495,296	963,170			
Georgia	24	27,687	36,398	43	835,610	1,390,268	4	20,106	8,765
Hawaii	19	74,023	227,152						
Idaho	15	14,477	19,457	9	41,962	50,036	3	8,804	4,015
Illinois	20	51,072	82,063	30	206,951	435,359	7	21,858	10,710
Indiana	28	38,934	156,859	43	323,547	740,262	9	22,708	10,625
Iowa	17	7,863	9,953	52	171,406	352,454	33	49,632	20,567
Kansas	36	76,961	171,463	37	170,423	399,789	11	38,652	26,154
Kentucky	7	20,132	31,314	28	468,838	1,067,182	8	69,486	29,787
Louisiana	14	14,596	17,529	14	310,695	803,844			
Maine	12	19,833	28,332	4	12,912	7,961			
Maryland	9	35,395	91,691	2	102,355	128,960			
Massachusetts	9	8,424	7,635						
Michigan	33	293,925	401,523	14	188,672	164,779			
Minnesota	42	126,414	244,777	50	446,421	787,719	19	61,441	28,323
Mississippi	8	5,272	2,410	23	432,023	641,440			
Missouri	12	15,682	22,829	47	447,134	973,758	8	42,025	21,353
Montana	19	48,480	120,981	25	93,628	140,171	9	33,475	34,100
Nebraska	21	10,694	19,387	4	12,110	103,179	7	11,950	6,056
Nevada	7	24,698	56,350	3	14,229	20,195			
New Hampshire	3	1,304	620	1	51,374	36,954			
New Jersey	7	9,227	8,028	1	8,429	9,494			
New Mexico	4	38,175	138,370	17	129,476	329,399	5	14,426	18,376
New York	36	120,809	242,579	4	11,367	7,472			
North Carolina	20	29,268	33,965	29	507,966	799,505	9	85,176	31,280
North Dakota	46	79,311	235,958	26	99,147	749,586	10	52,970	31,960
Ohio	20	52,207	45,743	28	239,592	415,415	7	6,315	2,305
Oklahoma	5	6,752	15,266	27	334,772	574,939	2	39,369	28,780
Oregon	12	41,748	84,270	14	93,726	121,978	10	31,452	19,301
Pennsylvania	27	26,544	30,158	13	160,790	269,539			
Rhode Island	5	43,079	155,932						
South Carolina	4	7,328	17,337	22	367,789	640,947	6	91,576	45,075
South Dakota	11	9,315	15,396	34	105,111	244,845	14	40,950	25,227
Tennessee	14	12,332	17,316	20	548,012	551,174	7	84,627	36,499
Texas	42	87,105	200,122	80	988,676	1,461,240	21	94,894	78,417
Utah	14	11,537	15,780	5	20,677	97,773	3	7,089	5,943
Vermont	9	10,160	10,342	3	17,529	21,976			
Virginia	11	29,052	45,377	14	251,054	478,225	5	12,594	5,887
Washington	20	113,131	260,129	9	52,654	62,073			
West Virginia	7	3,739	2,045	1	4,568	2,497	2	2,321	1,220
Wisconsin	91	397,110	920,816	30	169,150	311,781	11	31,769	14,629
Wyoming	3	3,959	4,355	14	68,278	161,857	1	938	837
United States	915	2,811,256	6,049,046	927	10,164,027	18,821,292	249	1,043,773	604,415

Continued

Table 13--Number, participation, and level of activity of service cooperatives by State
1/--Continued

State	Dairy Herd Improvement <u>4/</u>		State	Dairy Herd Improvement <u>4/</u>	
	Members (herds)	Cows tested		Members (herds)	Cows tested
	<u>Number</u>			<u>Number</u>	
Alabama	156	21,180	New Mexico	37	22,222
Alaska	4	560	New York	2,746	214,881
Arizona	104	50,787	North Carolina	613	70,903
Arkansas	190	13,482	North Dakota	157	9,966
California	1,309	547,768	Ohio	1,647	107,066
Colorado	188	30,986	Oklahoma	273	21,453
Connecticut	200	18,805	Oregon	404	49,500
Delaware	50	5,158	Pennsylvania	3,820	230,845
Florida	65	19,277	Rhode Island	15	926
Georgia	275	36,856	South Carolina	199	30,859
Hawaii			South Dakota	189	12,545
Idaho	424	44,567	Tennessee	609	58,184
Illinois	1,181	70,590	Texas	597	92,601
Indiana	835	51,522	Utah	314	38,075
Iowa	1,304	68,724	Vermont	926	60,462
Kansas	713	49,170	Virginia	832	86,165
Kentucky	524	35,490	Washington	612	90,812
Louisiana	256	26,311	West Virginia	157	12,343
Maine	350	20,505	Wisconsin	6,029	345,941
Maryland	632	56,655	Wyoming	6	301
Massachusetts	277	17,316	United States	37,457	3,285,148
Michigan	1,590	131,411			
Minnesota	4,632	250,497			
Mississippi	241	24,260			
Missouri	811	56,927			
Montana	100	9,181			
Nebraska	471	33,674			
Nevada	31	9,496			
New Hampshire	181	12,971			
New Jersey	181	14,972			

1/ For year ended December 31, 1985.

2/ Source: Credit Union National Association, Inc. (Includes federally chartered and State-chartered credit unions.)

3/ Source: Rural Electrification Administration, USDA.

4/ Source: Agricultural Research Service, USDA.

Agricultural Cooperative Service
U.S. Department of Agriculture
Washington, D.C. 20050

Agricultural Cooperative Service (ACS) provides research, management, and educational assistance to cooperatives to strengthen the economic position of farmers and other rural residents. It works directly with cooperative leaders and Federal and State agencies to improve organization, leadership, and operation of cooperatives and to give guidance to further development.

The agency (1) helps farmers and other rural residents develop cooperatives to obtain supplies and services at lower cost and to get better prices for products they sell; (2) advises rural residents on developing existing resources through cooperative action to enhance rural living; (3) helps cooperatives improve services and operating efficiency; (4) informs members, directors, employees, and the public on how cooperatives work and benefit their members and their communities; and (5) encourages international cooperative programs.

ACS publishes research and educational materials and issues Farmer Cooperatives magazine. All programs and activities are conducted on a nondiscriminatory basis, without regard to race, age, creed, color, sex, handicap, or national origin.