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Farmer Cooperatives
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STATISTICS OF FARMER COOPERATIVES 1968-69

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FARMER COOPERATIVE SERVICE
U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C. 20250

Farmer Cooperative Service strengthens the economic position of farmers and other rural people by improving organization, development, management, and operation of their cooperatives. It works directly with cooperative leaders and Federal and State agencies on cooperative problems. It publishes research results and educational materials and issues the *News for Farmer Cooperatives*.

The Service helps (1) farmers and other rural residents get better prices for products they sell and obtain supplies and services at lower cost; (2) rural residents use cooperatives to develop and make effective use of their resources; (3) cooperatives improve their services and operate more efficiently; (4) members, directors, employees, and the public to better understand how cooperatives work and benefit their members and their communities; and (5) encourage international cooperative programs.

Acknowledgment is made to Jane H. Click and Elizabeth J. Simmons, Cooperative Appraisal Division, for their substantial contribution in the analysis of material necessary for preparation of this report.

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Highlights

The 1968-69 survey of marketing, farm supply, and related service cooperatives showed a continuing upward trend in total business volume but a decrease in number of memberships and organizations between July 1, 1968, and June 30, 1969.

Total gross business volume (including intercooperative business) handled by these cooperatives amounted to \$22.7 billion. This was an increase of 1.5 percent from the \$22.4 billion reported in the previous fiscal year.

Total net business, after adjusting the gross figure for business done between cooperatives, amounted to \$17.4 billion. This was an increase of 2.1 percent from the \$17 billion net in 1967-68.

The total number of farmer cooperatives decreased from 7,940 in 1967-68 to 7,747 in 1968-69, a net decrease of 193 associations. The decline largely reflects a continuing reorganization trend involving merger, consolidation, and acquisition.

Cooperative memberships totaled 6,364,000 in 1968-69, a decrease of 1.3 percent from 6,445,000 memberships reported for 1967-68. The drop continues the long-term trend of declining cooperative memberships due to the decreasing number of farmers in the United States.

The gross value of farm products marketed by cooperatives amounted to \$16.8 billion in 1968-69, an increase of 1.3 percent from the total gross volume of \$16.6 billion in 1967-68. The net value of these farm products, after eliminating duplication resulting from intercooperative business, amounted to \$13.4 billion. This represented an increase of 1.9 percent from the \$13.2 billion marketing net in the previous year.

The gross value of farm supplies handled by farmer cooperatives amounted to \$5.6 billion in 1968-69, compared with \$5.5 billion in the previous year—an increase of 1.6 percent. The net value of these supplies, after intercooperative business was eliminated, amounted to \$3.6 billion, 2.3 percent above the \$3.5 billion in 1967-68.

Receipts for services related to marketing farm products and handling farm supplies amounted to \$351 million, an increase of 11.0 percent over the 1967-68 receipts of \$316 million.

In net value of combined marketing, farm supply, and related service volume, California continued in first place with \$2 billion—11 percent of total net business; Minnesota remained in second place with \$1.2 billion—7 percent of the total; and Iowa ranked third with more than \$1.1 billion—6 percent of the total.

STATISTICS OF FARMER COOPERATIVES, 1968-69

By Richard M. Ackley
Cooperative Appraisal Division

operative business) and net (excludes intercooperative business) dollar volumes of cooperatives are shown.

This report provides information on the number, membership, and business volume of farmer cooperatives classified by geographic location and by commodity and functional type. Both gross (includes interco-

Classification of cooperatives is discussed in the appendix, and an appendix table presents statistics for certain farmer cooperatives not included in the annual survey.¹

Cooperatives and Memberships

The survey for 1968-69 included a total of 7,747 marketing, farm supply, and related service² cooperatives, compared with 7,940 in 1967-68. Memberships in these cooperatives totaled 6,363,555, compared with 6,445,410 in the previous survey.

Table 1 and figure 1 show that 4,773 of the cooperatives primarily marketed farm products, 2,793 handled farm production supplies, and 181 were related service cooperatives.

Number of Cooperatives

The 7,747 marketing, farm supply, and related service cooperatives in the 1968-69 survey represented a decrease of 193 associations, or 2.4 percent, from the previous year. Much of the decrease was due to a continuing reorganization trend involving merger, consolidation, and acquisition.

Comparison of 1968-69 with 1967-68 shows that marketing cooperatives decreased from 62.1 to 61.6 percent of the total number of cooperatives; farm supply cooperatives increased from 35.7 to 36.1 percent of the total; and related service cooperatives increased to 2.3 percent of the total.

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 2 cooperatives are classified according to the business activity that consistently accounted for the largest percentage of their dollar business volume. (See the appendix for a further discussion of the classification system.)

¹For information on cooperative numbers, memberships, and business volumes prior to 1950-51, see Statistics of Farmer Cooperatives, 1962-63, Farmer Cooperative Serv. Gen. Rpt. 128, appendix tables 5, 6, and 7.

²Related services include trucking, storage, grinding, drying, and similar services affecting the form, quality, or location of farm products and supplies handled by cooperatives. They do *not* include credit, electrical, or telephone services; dairy herd improvement; artificial breeding; or other types of services not directly related to marketing or purchasing activities.

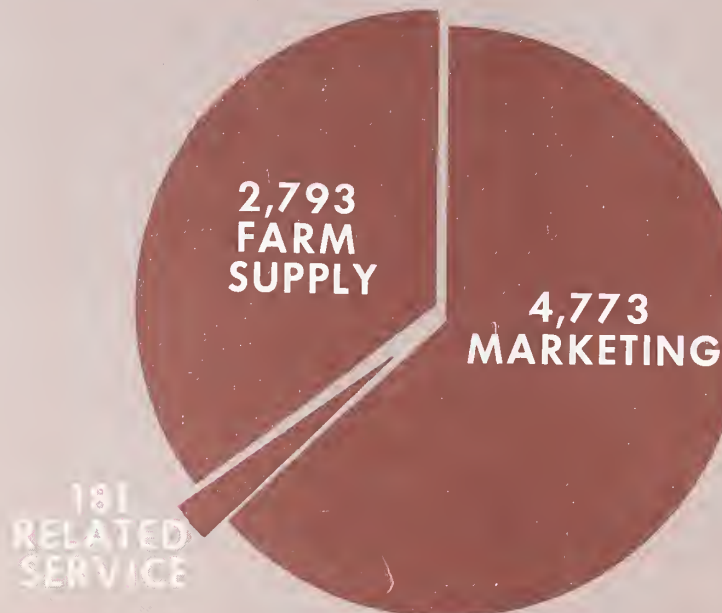
Table 1.--Number and percentage of marketing, farm supply, and related service cooperatives, 1950-51 to 1968-69

Period ¹	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
1951-52.....	6,594	64.8	3,324	32.6	261	2.6	10,179	100.0
1952-53.....	6,501	64.2	3,378	33.4	249	2.4	10,128	100.0
1953-54.....	6,457	64.1	3,374	33.5	241	2.4	10,072	100.0
1954-55.....	6,330	63.9	3,346	33.8	227	2.3	9,903	100.0
1955-56.....	6,284	63.5	3,375	34.1	235	2.4	9,894	100.0
1956-57.....	6,284	63.5	3,373	34.1	234	2.4	9,891	100.0
1957-58.....	6,119	62.8	3,383	34.8	233	2.4	9,735	100.0
1958-59.....	6,042	62.5	3,387	35.1	229	2.4	9,658	100.0
1959-60.....	5,828	62.3	3,297	35.3	220	2.4	9,345	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 ²	4,773	61.6	2,793	36.1	181	2.3	7,747	100.0

¹ For years prior to 1950-51, see appendix table 5, FCS General Report 128.

² Preliminary.

Fig. 1 NUMBER OF COOPERATIVES, 1968-69



Minnesota, with 950 cooperatives, continued to lead in the total number of cooperatives. Wisconsin was second with 557, and Texas third with 513.

Number of Memberships

Memberships in marketing, farm supply, and related service cooperatives totaled 6,363,555 in 1968-69, a decrease of 1.3 percent from the 6,445,410 memberships reported for the previous year (table 3). The long-term trend has been one of decline, reflecting the decreasing number of farmers in the United States. Many farmers were members of more than one cooperative and were counted two or more times in the annual survey; therefore, the total membership figure of 6,363,555 contains duplication that cannot be eliminated with current reporting methods.

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

Classification of members is also affected 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 may not, therefore, be in the group that represents the cooperative's major business volume (which determines how the cooperative is classified in this report). His membership, however, will be included arbitrarily in that classification.

Minnesota continued to lead in total number of memberships with 559,465 (table 2). Iowa was second with 429,890, and Indiana was third with 428,095.

Table 4 shows the memberships in local and regional cooperatives classified by major business activity. Of the 7,747 cooperatives included in the 1968-69 survey, 7,069—or 91 percent—were local cooperatives. These local cooperatives had 4,132,510 memberships, or 65 percent of the total. Regional cooperatives represented 9 percent of the total and accounted for 35 percent of the memberships.

Table 2.--Number of marketing, farm supply, and related service cooperatives, and their estimated memberships, by commodities, regions, and States, 1968-69 ⁽¹⁾

(Classified by major business activity)

Geographic regions and States	Bean and pea (dry edible)		Cotton and cotton products ⁽²⁾		Dairy products		Fruit and vegetable ⁽²⁾		Grain ⁽³⁾	
	Cooperatives with headquarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with headquarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with headquarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with headquarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with headquarters in State	Estimated memberships ⁽⁴⁾
	-----Number ⁵ -----									
Maine.....	-	-	-	-	2	1,175	6	1,845	-	-
New Hampshire...	-	-	-	-	3	855	1	25	-	-
Vermont.....	-	-	-	-	11	4,765	-	-	-	-
Massachusetts...	-	-	-	-	(7) 4	1,025	2	475	-	-
Rhode Island.....	-	-	-	-	(6) -	60	-	-	-	-
Connecticut.....	-	-	-	-	3	1,045	1	15	-	-
New England.....	-	-	-	-	23	8,925	10	2,360	-	-
New York.....	-	-	-	-	(7) 102	23,935	(7) 12	3,045	-	-
New Jersey.....	-	-	-	-	(7) 7	1,930	15	2,690	-	-
Pennsylvania....	-	-	-	-	36	15,935	12	1,770	-	-
Middle Atlantic...	-	-	-	-	145	41,800	39	7,505	-	-
Ohio.....	-	-	-	-	19	14,060	12	2,800	94	68,400
Indiana.....	-	-	-	-	5	6,230	2	865	49	161,605
Illinois.....	-	-	-	-	(7) 22	8,120	(7) 7	605	(7) 162	80,975
Michigan.....	1	830	-	-	(7) 15	15,600	15	3,915	20	18,455
Wisconsin.....	-	-	-	-	(7) 195	78,160	5	250	2	1,930
East North Central	1	830	-	-	256	122,170	41	8,435	327	331,365
Minnesota.....	-	-	-	-	(7) 307	80,025	3	260	205	120,995
Iowa.....	-	-	-	-	79	42,820	2	350	239	127,890
Missouri.....	-	-	(6)	45	(7) 13	15,295	1	105	(7) 28	24,330
North Dakota....	-	-	-	-	20	11,340	1	240	(7) 278	80,375
South Dakota....	-	-	-	-	23	12,370	-	-	133	60,755
Nebraska.....	-	-	-	-	(7) 13	17,030	1	40	181	90,125
Kansas.....	-	-	-	-	3	10,515	1	25	213	141,430
West North Central	-	-	(6)	45	458	189,395	9	1,020	1,277	645,900
Delaware.....	-	-	-	-	(6)	235	1	1,150	-	-
Maryland.....	-	-	-	-	4	2,565	2	450	-	-
Virginia.....	-	-	-	-	11	3,855	6	385	2	455
West Virginia...	-	-	-	-	4	1,250	1	15	-	-
North Carolina..	-	-	1	16,020	8	1,010	(7) 11	755	-	-
South Carolina..	-	-	3	4,490	4	340	(7) 6	530	-	-
Georgia.....	-	-	3	38,825	9	1,450	4	170	-	-
Florida.....	-	-	(6)	20,415	11	345	(7) 56	19,890	-	-
South Atlantic....	-	-	7	79,750	51	11,050	87	23,345	2	455
Kentucky.....	-	-	-	-	4	3,470	-	-	-	-
Tennessee.....	-	-	1	1,205	6	8,365	(7) 3	1,580	-	-
Alabama.....	-	-	6	20,915	-	-	-	-	-	-
Mississippi.....	-	-	(7) 36	22,440	4	1,670	1	35	5	420
East South Central	-	-	43	44,560	14	13,505	4	1,615	5	420
Arkansas.....	-	-	(7) 28	3,940	(6)	870	3	1,205	2	20,990
Louisiana.....	-	-	(7) 12	3,405	(7) 5	1,455	10	1,120	3	465
Oklahoma.....	-	-	49	27,165	(6)	1,575	-	-	80	57,060
Texas.....	-	-	(7) 323	99,775	5	3,405	(7) 9	1,370	(7) 66	25,235
West South Central	-	-	412	134,285	10	7,305	22	3,695	151	103,750
Montana.....	-	-	-	-	5	2,910	2	200	45	11,635
Idaho.....	1	1,800	-	-	4	3,780	(7) 4	940	8	5,480
Wyoming.....	2	1,785	-	-	2	1,005	-	-	4	2,090
Colorado.....	4	850	-	-	5	2,295	18	1,645	21	11,535
New Mexico.....	-	-	18	5,040	(6)	30	3	200	2	1,435
Arizona.....	-	-	3	4,280	1	180	8	505	-	-
Utah.....	-	-	-	-	5	1,675	(7) 7	940	4	2,095
Nevada.....	-	-	(6)	15	1	30	-	-	-	-
Mountain.....	7	4,435	21	9,335	23	11,905	42	4,430	84	34,270
Washington.....	1	540	-	-	7	1,520	(7) 49	8,665	33	11,315
Oregon.....	(6)	15	-	-	13	2,210	19	4,685	14	5,440
California.....	3	955	43	6,940	(7) 26	3,225	(7) 156	22,700	4	665
Pacific.....	4	1,510	43	6,940	46	6,955	224	36,050	51	17,420
Subtotal.....	12	6,775	526	274,915	1,026	413,010	478	88,455	1,897	1,133,580
Alaska.....	-	-	-	-	1	395	1	25	-	-
Hawaii.....	-	-	-	-	-	-	(7) 9	620	-	-
Foreign.....	-	-	-	-	-	-	(6)	15	-	-
UNITED STATES...	12	6,775	526	274,915	1,027	413,405	488	89,115	1,897	1,133,580

See end of table for footnote references.

Continued--

Table 2.--Number of marketing, farm supply, and related service cooperatives, and their estimated memberships, by commodities, regions, and States, 1968-69⁽¹⁾--Continued

(Classified by major business activity)

Geographic regions and States	Livestock		Nut ^{(2) (8)}		Poultry and poultry products		Rice ⁽²⁾		Sugar products ⁽⁹⁾	
	Cooperatives with headquarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with headquarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with headquarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with headquarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with headquarters in State	Estimated memberships ⁽⁴⁾
	-----Number ⁵ -----									
Maine.....	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-
Massachusetts....	1	775	-	-	1	150	-	-	1	55
Rhode Island.....	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	-	2	230	-	-	-	-
New England.....	1	775	-	-	3	380	-	-	1	55
New York.....	3	14,005	-	-	2	25	-	-	1	50
New Jersey.....	1	1,735	-	-	(7) 9	1,535	-	-	-	-
Pennsylvania.....	1	1,025	-	-	4	5,410	-	-	-	-
Middle Atlantic....	5	16,765	-	-	15	6,970	-	-	1	50
Ohio.....	3	59,150	-	-	4	9,650	-	-	2	460
Indiana.....	3	44,395	-	-	-	-	-	-	-	-
Illinois.....	5	67,585	-	-	(7) 1	40	-	-	(6)	5
Michigan.....	5	20,840	-	-	1	5	-	-	7	3,160
Wisconsin.....	85	52,675	-	-	(7) 2	3,235	-	-	(6)	65
East North Central.	101	244,645	-	-	8	12,930	-	-	9	3,690
Minnesota.....	143	101,785	-	-	4	600	-	-	1	340
Iowa.....	18	56,095	-	-	4	3,745	-	-	1	85
Missouri.....	4	36,455	-	-	1	35	-	-	(6)	5
North Dakota.....	24	27,920	-	-	-	-	-	-	(6)	115
South Dakota.....	2	9,785	-	-	6	1,625	-	-	(6)	60
Nebraska.....	2	28,830	-	-	1	200	-	-	3	1,705
Kansas.....	2	7,045	-	-	-	-	-	-	1	60
West North Central.	195	267,915	-	-	16	6,205	-	-	6	2,370
Delaware.....	-	-	-	-	(6)	5	-	-	-	-
Maryland.....	-	-	-	-	(7) 1	140	-	-	-	-
Virginia.....	(7) 16	6,925	1	3,215	2	4,865	-	-	-	-
West Virginia....	7	1,935	-	-	(6)	2,660	-	-	-	-
North Carolina...	2	1,425	(6)	9,730	1	310	-	-	-	-
South Carolina...	2	1,180	(6)	580	2	30	-	-	-	-
Georgia.....	2	195	1	30,000	2	80	-	-	(6)	75
Florida.....	2	420	-	-	3	100	-	-	2	245
South Atlantic.....	31	12,080	2	43,525	11	8,190	-	-	2	320
Kentucky.....	14	12,710	-	-	(6)	5	-	-	1	10
Tennessee.....	(7) 2	5,950	(6)	180	(6)	5	-	-	-	-
Alabama.....	(7) 8	6,615	-	-	-	-	-	-	(6)	5
Mississippi.....	2	30,200	-	-	-	-	2	170	(6)	10
East South Central.	26	55,475	(6)	180	(6)	10	2	170	1	25
Arkansas.....	(6)	160	(6)	10	(6)	5	15	20,445	-	-
Louisiana.....	(6)	130	1	20	-	-	15	815	11	765
Oklahoma.....	1	30,050	1	5,020	1	50	-	-	-	-
Texas.....	2	12,485	1	4,710	2	75	16	3,610	(6)	90
West South Central.	3	42,825	3	9,760	3	130	46	24,870	11	855
Montana.....	1	1,310	-	-	-	-	-	-	4	1,270
Idaho.....	5	1,775	-	-	-	-	-	-	9	3,680
Wyoming.....	2	205	-	-	-	-	-	-	3	650
Colorado.....	(6)	6,300	-	-	1	40	-	-	2	3,825
New Mexico.....	(6)	50	(6)	270	-	-	-	-	(6)	5
Arizona.....	(6)	3,000	(6)	20	(6)	5	-	-	(6)	55
Utah.....	1	2,500	-	-	2	130	-	-	9	1,105
Nevada.....	(6)	285	-	-	-	-	-	-	-	-
Mountain.....	9	15,425	(6)	290	3	175	-	-	27	10,590
Washington.....	2	185	(6)	180	-	-	-	-	1	875
Oregon.....	1	1,965	1	420	1	80	-	-	1	725
California.....	3	10,745	10	8,765	5	395	(7) 6	2,765	3	3,095
Pacific.....	6	12,895	11	9,365	6	475	6	2,765	5	4,695
Subtotal.....	377	668,800	16	63,120	65	35,465	54	27,805	63	22,650
Alaska.....	-	-	-	-	-	-	-	-	-	-
Hawaii.....	1	30	1	55	2	20	-	-	(6)	25
Foreign.....	(6)	150	-	-	-	-	-	-	-	-
UNITED STATES....	378	668,980	17	63,175	67	35,485	54	27,805	63	22,675

See end of table for footnote references.

Table 2.--Number of marketing, farm supply, and related service cooperatives, and their estimated memberships, by commodities, regions, and States, 1968-69--Continued

(Classified by major business activity)

Geographic regions and States	Tobacco		Wool and mohair		Miscellaneous marketing ⁽¹⁰⁾		Total marketing	
	Cooperatives with head-quarters in State	Estimated memberships ⁽¹¹⁾	Cooperatives with head-quarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with head-quarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with head-quarters in State	Estimated memberships ⁽⁴⁾
	-----Number ⁵ -----							
Maine.....	-	-	1	500	-	-	9	3,520
New Hampshire....	-	-	-	-	-	-	4	880
Vermont.....	-	-	-	-	-	-	11	4,765
Massachusetts....	1	10	1	(12)	-	-	11	2,490
Rhode Island.....	-	-	-	-	-	-	(6)	60
Connecticut.....	(6)	10	-	-	-	-	(6)	1,300
New England.....	1	20	2	500	-	-	41	13,015
New York.....	-	-	1	55	4	5,355	125	46,470
New Jersey.....	-	-	1	425	1	30	34	8,345
Pennsylvania.....	-	-	28	6,240	-	-	81	30,380
Middle Atlantic....	-	-	30	6,720	5	5,385	240	85,195
Ohio.....	1	7,590	1	4,430	1	5	137	166,545
Indiana.....	(6)	8,265	-	-	-	-	59	221,360
Illinois.....	-	-	(6)	250	2	180	199	157,760
Michigan.....	-	-	(6)	90	4	105	68	63,000
Wisconsin.....	2	2,090	1	5,000	1	70	293	143,475
East North Central.	3	17,945	2	9,770	8	360	756	752,140
Minnesota.....	(6)	20	2	10,350	5	855	670	315,230
Iowa.....	-	-	(6)	6,770	1	580	344	238,335
Missouri.....	(6)	3,365	2	1,240	-	-	49	80,875
North Dakota.....	-	-	3	435	-	-	326	120,425
South Dakota.....	-	-	(6)	8,220	1	30	165	92,845
Nebraska.....	-	-	(6)	6,200	2	265	203	144,395
Kansas.....	-	-	(6)	3,935	(6)	5	220	163,015
West North Central.	(6)	3,385	7	37,150	9	1,735	1,977	1,155,120
Delaware.....	-	-	-	-	-	-	1	1,390
Maryland.....	1	18,200	-	-	(7)	2	405	21,760
Virginia.....	4	25,965	11	2,300	-	-	53	47,965
West Virginia....	(6)	4,735	(13)	2,450	1	90	42	13,135
North Carolina...	3	70,775	-	-	1	70	27	100,095
South Carolina...	(6)	16,940	-	-	-	-	17	24,090
Georgia.....	(6)	12,940	-	-	1	4,200	22	87,935
Florida.....	1	2,425	-	-	(7)	4	35	43,875
South Atlantic.....	9	151,980	40	4,750	9	4,800	251	340,245
Kentucky.....	8	84,520	(7)	45	-	-	29	100,760
Tennessee.....	7	60,225	(7)	1,775	1	830	35	80,115
Alabama.....	(6)	220	-	-	-	-	14	27,755
Mississippi.....	-	-	3	335	2	500	55	55,780
East South Central.	15	144,965	20	2,155	3	1,330	133	264,410
Arkansas.....	-	-	(6)	200	-	-	48	47,825
Louisiana.....	-	-	1	375	1	25	59	8,575
Oklahoma.....	-	-	(6)	1,000	-	-	132	121,920
Texas.....	-	-	(6)	400	2	50	426	151,205
West South Central.	-	-	1	1,975	3	75	665	329,525
Montana.....	-	-	(7)	21	1,455	1	220	19,000
Idaho.....	-	-	(7)	14	2,205	3	495	20,155
Wyoming.....	-	-	8	765	-	-	21	6,500
Colorado.....	-	-	2	605	-	-	53	27,095
New Mexico.....	-	-	(6)	190	-	-	23	7,220
Arizona.....	-	-	-	-	-	-	12	8,045
Utah.....	-	-	4	455	1	150	33	9,050
Nevada.....	-	-	(7)	2	120	-	3	450
Mountain.....	-	-	51	5,795	5	865	272	97,515
Washington.....	-	-	2	125	5	145	100	23,550
Oregon.....	-	-	-	-	2	110	52	15,650
California.....	-	-	1	330	9	2,015	269	62,595
Pacific.....	-	-	3	455	16	2,270	421	101,795
Subtotal.....	28	318,295	156	69,270	58	16,820	4,756	3,138,960
Alaska.....	-	-	(6)	5	-	-	2	425
Hawaii.....	-	-	-	-	2	945	15	1,695
Foreign.....	-	-	-	-	-	-	(6)	165
UNITED STATES ...	28	318,295	156	69,275	60	17,765	4,773	3,141,245

See end of table for footnote references.

Continued--

Table 2.--Number of marketing, farm supply, and related service cooperatives, and their estimated memberships, by commodities, regions, and States, 1968-69⁽¹⁾-Continued

(Classified by major business activity)

Geographic regions and States	Farm supply		Related service ⁽¹⁴⁾		Total	
	Cooperatives with head-quarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with head-quarters in State	Estimated memberships ⁽⁴⁾	Cooperatives with head-quarters in State	Estimated memberships ⁽⁴⁾
	Number ⁵					
Maine.....	5	6,880	-	-	14	10,400
New Hampshire.....	2	1,965	-	-	6	2,845
Vermont.....	4	3,690	2	320	17	8,775
Massachusetts.....	7	6,205	1	60	19	8,755
Rhode Island.....	(6)	500	1	70	1	630
Connecticut.....	9	3,965	3	220	18	5,485
New England.....	27	23,205	7	670	75	36,890
New York.....	165	85,275	4	1,165	294	132,910
New Jersey.....	14	13,315	2	100	50	21,760
Pennsylvania.....	37	51,905	4	115	122	82,400
Middle Atlantic.....	216	150,495	10	1,380	466	237,070
Ohio.....	77	85,560	2	250	216	252,355
Indiana.....	57	205,320	4	1,415	120	428,095
Illinois.....	145	235,915	19	7,670	363	401,345
Michigan.....	87	69,940	4	120	159	133,060
Wisconsin.....	243	248,510	21	685	557	392,670
East North Central.....	609	845,245	50	10,140	1,415	1,607,525
Minnesota.....	264	241,000	16	3,235	950	559,465
Iowa.....	141	191,555	1	(12)	486	429,890
Missouri.....	129	328,075	2	380	180	409,330
North Dakota.....	155	109,790	6	650	487	230,865
South Dakota.....	115	83,310	2	40	282	176,195
Nebraska.....	143	115,220	5	1,280	351	260,895
Kansas.....	69	45,375	2	210	291	208,600
West North Central.....	1,016	1,114,325	34	5,795	3,027	2,275,240
Delaware.....	7	10,840	-	-	8	12,230
Maryland.....	27	33,500	5	440	42	55,700
Virginia.....	64	120,580	4	2,255	121	170,800
West Virginia.....	22	33,675	1	35	65	46,845
North Carolina.....	6	54,265	7	2,285	40	156,640
South Carolina.....	2	12,860	2	170	21	37,120
Georgia.....	51	43,845	-	-	73	131,780
Florida.....	18	7,550	2	10	99	51,435
South Atlantic.....	197	317,115	21	5,195	469	662,555
Kentucky.....	52	96,215	1	25	82	197,000
Tennessee.....	92	73,270	1	105	128	153,490
Alabama.....	42	41,080	3	285	59	69,120
Mississippi.....	68	81,715	5	745	128	138,240
East South Central.....	254	292,280	10	1,160	397	557,850
Arkansas.....	47	46,105	1	675	96	94,605
Louisiana.....	31	7,230	6	1,850	96	17,655
Oklahoma.....	25	12,230	2	670	159	134,820
Texas.....	65	26,665	22	870	513	179,740
West South Central.....	168	92,230	31	5,065	864	426,820
Montana.....	83	45,655	2	370	164	65,025
Idaho.....	22	29,040	-	-	70	49,195
Wyoming.....	10	4,000	-	-	31	10,500
Colorado.....	35	22,850	4	60	92	50,005
New Mexico.....	2	550	1	400	26	8,170
Arizona.....	2	76,360	-	-	14	84,405
Utah.....	16	15,160	1	85	50	24,295
Nevada.....	(6)	50	-	-	3	500
Mountain.....	170	193,665	8	915	450	292,095
Washington.....	62	99,055	2	150	164	122,755
Oregon.....	30	41,870	2	85	84	57,605
California.....	39	19,670	(7)	2,295	314	84,560
Pacific.....	131	160,595	10	2,530	562	264,920
Subtotal.....	2,788	3,189,155	181	32,850	7,725	6,360,965
Alaska.....	-	-	-	-	2	425
Hawaii.....	5	305	-	-	20	2,000
Foreign.....	-	-	-	-	(6)	165
UNITED STATES.....	2,793	3,189,460	181	32,850	7,747	6,363,555

See next page for footnote references.

Footnotes to table 2.

¹ Preliminary data covering operations of cooperatives whose fiscal years ended during the period July 1, 1968, to June 30, 1969, with limited exceptions.

² Cooperatives performing specific services on a commodity are included. Incorporated local associations of a federation that performs the actual marketing or processing are counted.

³ Includes soybean marketing and processing.

⁴ Includes members (those entitled to vote for directors) but does not include nonvoting patrons. (There is some duplication in these membership figures because many farmers belong to more than one cooperative.)

⁵ Includes independent local cooperatives, federations, and centralized cooperatives.

⁶ 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 livestock cooperative are located in Canada.)

⁷ Includes cooperatives temporarily inactive because of crop failures or other reasons or cooperatives in which all memberships are allocated to other States.

⁸ Membership of nut cooperatives which market peanuts fluctuates from year to year and is affected by the extent to which producers participate in price-stabilization programs.

⁹ Includes sugar, sugarcane, sugarbeets, honey, maple syrup, molasses, and sorghum.

¹⁰ Includes forest products, fur pelts, hay, hops, nursery stock, tung oil, coffee, and other farm products not separately classified.

¹¹ Member-patrons. Number fluctuates considerably from year to year due to participation in price-stabilization programs.

¹² No individual memberships.

¹³ Includes a statewide federation of county wool pools. Payment is made by the federation to the pool manager who is responsible for payment to the individual wool growers.

¹⁴ Cooperatives providing services related to marketing or purchasing activities.

Table 3.--Number and percentage of memberships in marketing, farm supply, and related service cooperatives, 1950-51 to 1968-69

Period ¹	Marketing		Form 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
1951-52.....	4, 229, 125	57.4	3, 032, 550	41.2	102, 030	1.4	7, 363, 705	100.0
1952-53.....	4, 247, 035	56.8	3, 138, 820	42.0	89, 230	1.2	7, 475, 085	100.0
1953-54.....	4, 273, 350	56.1	3, 252, 860	42.8	82, 030	1.1	7, 608, 240	100.0
1954-55.....	4, 213, 485	55.4	3, 322, 490	43.7	67, 880	0.9	7, 603, 855	100.0
1955-56.....	4, 223, 260	54.6	3, 443, 610	44.6	64, 865	0.8	7, 731, 735	100.0
1956-57.....	4, 121, 700	53.7	3, 489, 425	45.5	61, 920	0.8	7, 673, 045	100.0
1957-58.....	3, 879, 675	51.8	3, 543, 185	47.3	63, 595	0.9	7, 486, 455	100.0
1958-59.....	3, 860, 950	51.1	3, 643, 525	48.2	54, 075	0.7	7, 558, 550	100.0
1959-60.....	3, 621, 900	49.8	3, 600, 465	49.5	51, 090	0.7	7, 273, 455	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 ²	3, 141, 245	49.4	3, 189, 460	50.1	32, 850	0.5	6, 363, 555	100.0

¹ Far years prior to 1950-51, see appendix table 6, FCS General Report 128.

² Preliminary.

Table 4.--Number and estimated memberships of local and regional marketing, farm supply, and related service cooperatives, by major business activity, and percentage of total in each activity group, 1968-69¹

Major business activity	Cooperatives				Memberships ²			
	Local		Regional		Local		Regional	
	Number	Percentage of total in each activity group	Number	Percentage of total in each activity group	Number	Percentage of total in each activity group	Number	Percentage of total in each activity group
		Percent		Percent		Percent		Percent
Beans and peas (dry edible) ..	4	33.3	8	66.7	1,765	26.1	5,010	73.9
Cattan and products	498	94.7	28	5.3	96,205	35.0	178,710	65.0
Dairy products	784	76.3	³ 243	23.7	210,490	50.9	202,915	49.1
Fruits and vegetables.....	413	84.6	³ 75	15.4	45,890	51.5	43,225	48.5
Groin ⁴	1,877	98.9	20	1.1	1,106,655	97.6	26,925	2.4
Livestack and products	345	91.3	33	8.7	108,505	16.2	560,475	83.8
Nuts.....	11	64.7	6	35.3	170	0.3	63,005	99.7
Paultry and products.....	54	80.6	³ 13	19.4	26,865	75.7	8,620	24.3
Rice.....	48	88.9	6	11.1	17,855	64.2	9,950	35.8
Sugor products	--	--	³ 63	100.0	--	--	22,675	100.0
Tobacco	--	--	28	100.0	--	--	318,295	100.0
Wool and mahoir.....	142	91.0	14	9.0	19,460	28.1	49,815	71.9
Miscellaneous	55	91.7	5	8.3	17,285	97.3	480	2.7
Total marketing	4, 231	88.6	542	11.4	1,651,145	52.6	1,490,100	47.4
Form supplies	2, 683	96.1	110	3.9	2,452,565	76.9	736,895	23.1
Related services.....	155	85.6	26	14.4	28,800	87.7	4,050	12.3
Total all types.....	7, 069	91.2	678	8.8	4,132,510	64.9	2,231,045	35.1

¹ Preliminary.

² Membership figures vary considerably from year to year due to cooperative participation in price stabilization programs, particularly in cattan, peanuts, and tobacco. They are also affected by the number of reported members who may not be active patrons in a specific year.

³ Includes bargaining cooperatives.

⁴ Includes saybeon marketing and processing.

Business Volume

In 1968-69, the total gross business volume of 7,747 marketing, farm supply, and related service cooperatives amounted to \$22.7 billion (table 5). This was an increase of 1.5 percent from the \$22.4 billion gross reported in 1967-68.

The total net business volume of farmer cooperatives amounted to \$17.4 billion in 1968-69. Included

in this amount were \$13.4 billion for farm products marketed, \$3.6 billion for farm supplies purchased, and \$0.4 billion for services performed (fig. 2). The total net figure of \$17.4 billion, which excludes intercooperative business (the difference between gross and net business volumes), represented an increase of 2.1 percent from the \$17.0 billion net of the previous year. Intercooperative business amounted to \$5.4 billion in 1968-69.

Table 5.--Estimated gross and net volume of business of marketing, farm supply, and related service cooperatives, and percentage of total, 1950-51 to 1968-69

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
	-----1,000 dollars-----				-----1,000 dollars-----			
1950-51...	7,984,777	2,437,521	99,958	10,522,256	6,361,766	1,685,413	99,958	8,147,137
1951-52...	9,260,697	2,762,095	114,480	12,137,272	7,376,684	1,918,723	114,480	9,409,887
1952-53...	9,294,945	2,866,908	141,750	12,303,603	7,365,795	2,013,768	141,750	9,521,313
1953-54...	9,198,727	2,841,727	157,802	12,198,256	7,338,786	1,978,052	157,802	9,474,640
1954-55...	9,347,913	2,921,859	195,522	12,465,294	7,424,743	2,021,617	195,522	9,641,882
1955-56...	9,514,387	2,972,696	214,880	12,701,963	7,495,159	2,046,086	214,880	9,756,125
1956-57...	10,110,115	3,152,985	234,629	13,497,729	7,998,887	2,145,939	234,629	10,379,455
1957-58...	10,538,742	3,269,400	246,964	14,055,106	8,318,448	2,187,490	246,964	10,752,902
1958-59...	11,412,483	3,549,922	272,866	15,235,271	9,103,089	2,371,061	272,866	11,747,016
1959-60...	11,688,409	3,659,969	298,177	15,646,555	9,329,914	2,408,157	298,177	12,036,248
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	5,541,325	316,014	22,413,959	13,197,246	3,521,134	316,014	17,034,394
1968-69 ³ ..	16,768,827	5,628,396	350,761	22,747,984	13,445,134	3,600,326	350,761	17,396,221
	-----Percent-----				-----Percent-----			
1950-51...	75.9	23.2	0.9	100.0	78.1	20.7	1.2	100.0
1951-52...	76.3	22.8	0.9	100.0	78.4	20.4	1.2	100.0
1952-53...	75.5	23.3	1.2	100.0	77.4	21.1	1.5	100.0
1953-54...	75.4	23.3	1.3	100.0	77.4	20.9	1.7	100.0
1954-55...	75.0	23.4	1.6	100.0	77.0	21.0	2.0	100.0
1955-56...	74.9	23.4	1.7	100.0	76.8	21.0	2.2	100.0
1956-57...	74.9	23.4	1.7	100.0	77.0	20.7	2.3	100.0
1957-58...	75.0	23.3	1.7	100.0	77.4	20.3	2.3	100.0
1958-59...	74.9	23.3	1.8	100.0	77.5	20.2	2.3	100.0
1959-60...	74.7	23.4	1.9	100.0	77.5	20.0	2.5	100.0
1960-61...	75.0	23.1	1.9	100.0	77.6	19.9	2.5	100.0
1961-62...	75.5	22.7	1.8	100.0	78.0	19.7	2.3	100.0
1962-63...	75.7	22.6	1.7	100.0	78.3	19.5	2.2	100.0
1963-64...	75.5	22.9	1.6	100.0	78.1	19.7	2.2	100.0
1964-65...	75.5	22.9	1.6	100.0	78.1	19.8	2.1	100.0
1965-66...	75.1	23.3	1.6	100.0	78.1	19.8	2.1	100.0
1966-67...	74.3	24.3	1.4	100.0	77.9	20.2	1.9	100.0
1967-68...	73.9	24.7	1.4	100.0	77.5	20.7	1.8	100.0
1968-69 ³ ..	73.7	24.7	1.6	100.0	77.3	20.7	2.0	100.0

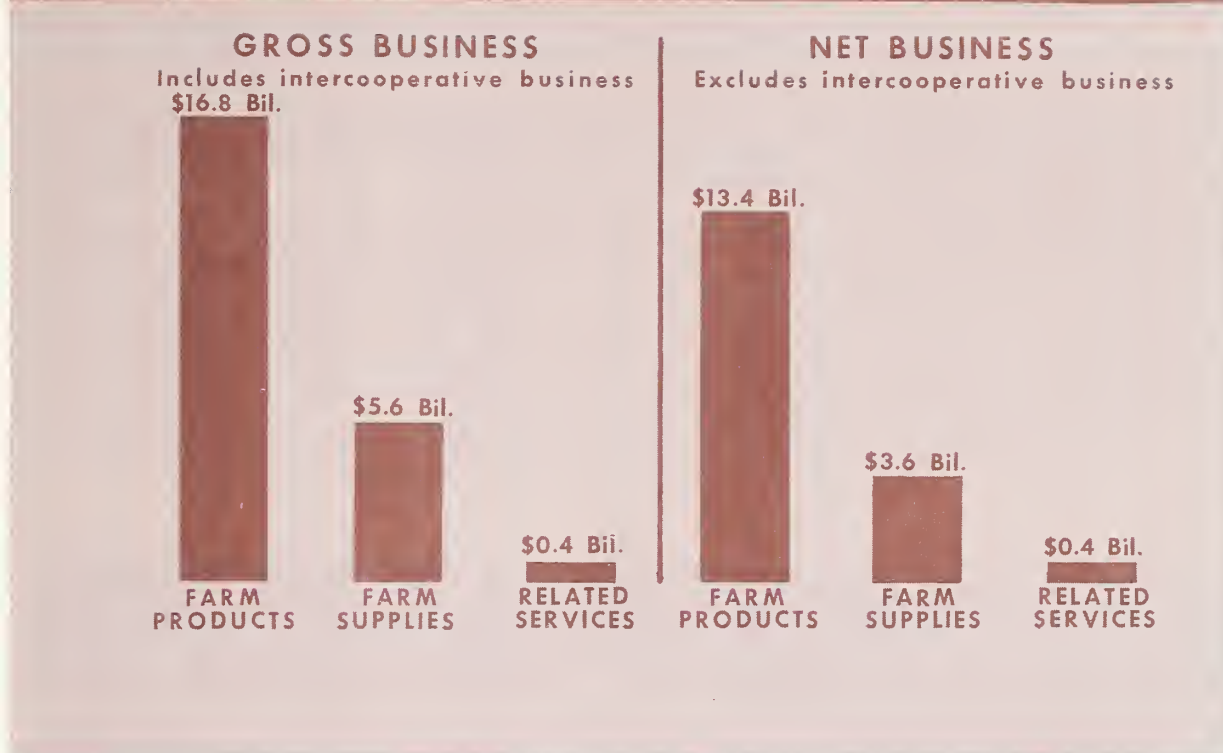
¹ Far years prior to 1950-51, see appendix table 7, FCS General Report 128. Data for prior years are not entirely comparable due to revisions in statistical procedures in 1950-51.

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

³ Preliminary.

Fig. 2

COOPERATIVE BUSINESS VOLUME, 1968-69



Gross and net volumes of business for marketing, purchasing, and related service activities are shown in table 5 for each survey year, beginning with 1950-51. The 1968-69 totals exceeded totals reported in any previous survey.

Gross volume of farm products marketed by cooperatives increased from \$16.6 billion in 1967-68 to \$16.8 billion in 1968-69, an increase of 1.3 percent. The net volume of farm products marketed amounted to \$13.4 billion in 1968-69 and accounted for 77.3 percent of the total net volume of cooperatives. The net marketing volume for 1968-69 represented an increase of 1.9 percent from the \$13.2 billion net for the previous year. This gain resulted primarily from increases in the dollar volumes reported for dairy products and for cotton and cotton products.

Figure 3 illustrates the leading products marketed by cooperatives based on net marketing business volume. Dairy products led with 34.5 percent of total net marketing volume, followed by grain and livestock.

In 1968-69, the gross volume of all farm supplies handled by cooperatives amounted to \$5.6 billion, a 1.6-percent increase from the \$5.5 billion gross in 1967-68. The net farm supply volume of \$3.6 billion accounted for 20.7 percent of the total net business volume in 1968-69—a 2.3-percent increase from the \$3.5 billion supply net in 1967-68. Increases in net volume of miscellaneous products, sprays and dusts, and petroleum products handled largely accounted for this rise.

As shown in figure 4, leading farm supplies handled by cooperatives in terms of net business volume were feed, with 32.2 percent of the total, followed by petroleum and fertilizer.

Receipts for services performed by all types of cooperatives amounted to \$351 million in 1968-69, a 11.0-percent increase from the 1967-68 service receipts of \$316 million. Service receipts represented 2.0 percent of total net business volume in 1968-69.

Table 6.--Number of cooperatives handling specified items and estimated business volume, by products marketed, supplies purchased, and services provided, and percentage of total, 1968-69¹

Item	Cooperatives handling		Gross volume (includes intercooperative business)		Net volume (excludes intercooperative business)	
	Number	Percent ²	1,000 dol.	Percent	1,000 dol.	Percent
Products marketed:						
Beans and peas (dry edible)	52	0.6	53,204	0.2	32,644	0.2
Cotton and cotton products	561	7.2	601,083	2.6	531,738	3.1
Dairy products	1,046	13.5	5,679,540	25.0	4,641,715	26.7
Fruits and vegetables	505	6.5	2,077,497	9.1	1,696,991	9.8
Grain, soybeans, and soybean meal and oil	2,556	33.0	4,162,258	18.3	2,662,352	15.3
Livestock and livestock products	421	5.4	1,960,473	8.6	1,851,762	10.6
Nuts	76	1.0	235,524	1.0	232,901	1.3
Poultry products	321	4.1	635,867	2.8	531,586	3.1
Rice	54	0.7	427,752	1.9	333,509	1.9
Sugar products	65	0.8	594,254	2.6	593,183	3.4
Tobacco	28	0.4	261,416	1.2	261,416	1.5
Wool and mohair	191	2.5	21,149	0.1	21,149	0.1
Miscellaneous ³	147	1.9	58,810	0.3	54,188	0.3
Total farm products	⁴ 5,400	69.7	16,768,827	73.7	13,445,134	77.3
Supplies purchased:						
Building materials	2,200	28.4	199,657	0.9	143,167	0.8
Containers and packing supplies	1,061	13.7	102,517	0.4	37,128	0.2
Form machinery and equipment	1,568	20.2	166,174	0.7	108,204	0.6
Feed	4,215	54.4	1,642,061	7.2	1,159,112	6.7
Fertilizer	4,318	55.7	1,181,651	5.2	654,717	3.8
Meats and groceries	741	9.6	105,888	0.5	80,193	0.5
Petroleum products	2,750	35.5	1,253,252	5.5	801,269	4.6
Seed	3,993	51.5	193,947	0.9	135,693	0.8
Sprays and dusts (form chemicals)	3,640	47.0	243,481	1.1	144,690	0.8
Miscellaneous supplies ⁵	4,875	62.9	539,768	2.4	336,153	1.9
Total farm supplies	⁴ 6,273	81.0	5,628,396	24.8	3,600,326	20.7
Services provided:						
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous	⁴ 5,345	69.0	⁶ 350,761	1.5	⁶ 350,761	2.0
Total business	⁴ 7,747	100.0	22,747,984	100.0	17,396,221	100.0

¹ Preliminary.

² Number of cooperatives handling each commodity group is computed as a percentage of the total number of 7,747 cooperatives listed.

³ Includes coffee, forest products, fur pelts, hoy, hops, seed marketed for growers, nursery stock, tung oil, and other farm products not separately classified.

⁴ Because many cooperatives do more than one type of business, these totals are less than the number that would be obtained by adding the number of cooperatives handling individual items or performing individual services.

⁵ Includes plant equipment, automotive supplies, hardware, chicks, and other supplies not separately classified.

⁶ Charges for services related to marketing or purchasing but not included in the volume reported for these activities.

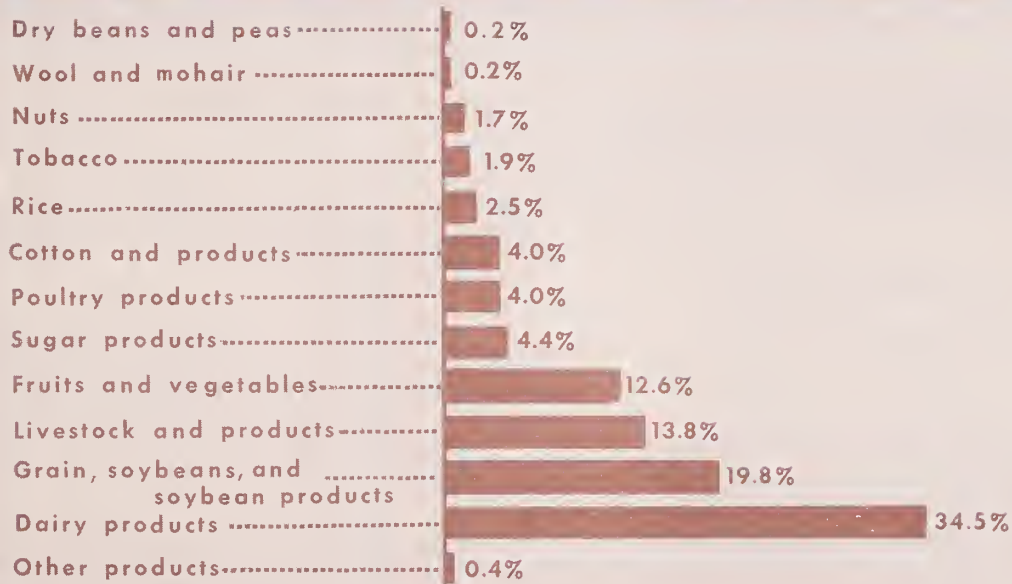
An estimated 69.7 percent of the 7,747 cooperatives in the survey, or 5,400 cooperatives, marketed farm products in 1968-69 (table 6). These included 4,711 cooperatives that primarily marketed farm products; 675 cooperatives that primarily handled farm supplies; and 14 related service cooperatives whose major services were trucking, storage, or other activities related to marketing farm products or purchasing farm supplies. Sixty-two marketing cooperatives that were either newly organized or temporarily inactive were not included.

In 1968-69, farm supplies were handled by 6,273 cooperatives, 81.0 percent of the total number of cooperatives in the survey. Included were 2,790 cooperatives that primarily handled farm supplies and 3,413 marketing and 70 related service cooperatives that handled farm supplies as a sideline activity. Three farm supply cooperatives that were either newly organized or temporarily inactive were not included.

In 1968-69, 5,345 cooperatives of all types, or 69.0 percent of the total, performed one or more services related to farm product marketing or farm supply purchasing. These included 167 cooperatives primarily performing service activities such as trucking, storage, drying, and similar services; 1,648 farm supply cooperatives; and 3,530 marketing cooperatives (including cotton ginning, livestock trucking, and rice- and fruit-drying cooperatives). Fourteen related service cooperatives that were either newly organized or temporarily inactive were not included.

The survey showed that 71.5 percent of all marketing cooperatives handled one or more types of farm supplies in 1968-69, and 74.0 percent provided specialized related services such as cotton ginning and livestock trucking, or general related services such as storage, grinding, and drying. Of the farm supply cooperatives, 24.2 percent marketed farm products, and 59.0 percent performed related services for their

Fig. 3 **RELATIVE IMPORTANCE OF MAJOR FARM PRODUCTS MARKETED BY COOPERATIVES, 1968-69**



BASED ON NET MARKETING BUSINESS OF \$13.4 BILLION.

Fig. 4 RELATIVE IMPORTANCE OF MAJOR FARM SUPPLIES HANDLED BY COOPERATIVES, 1968-69



BASED ON NET FARM SUPPLY BUSINESS OF \$3.6 BILLION.

patrons. An estimated 7.7 percent of the related service cooperatives marketed farm products, and 38.7 percent handled farm supplies in 1968-69.

Local and Regional Cooperatives

Table 7 shows the estimated volumes of specified commodities marketed by regional and local cooperatives. Local cooperatives accounted for \$5.2 billion of the net volume of farm products marketed in 1968-69, or 38.6 percent of the total. Regional cooperatives accounted for \$8.2 billion of the net marketing volume, or 61.4 percent of the total.

Local cooperatives accounted for a major portion of the total net marketing volume for the following commodities: Grain, soybeans, and soybean products,

87.3 percent; and miscellaneous farm products, 89.4 percent.

Of the total gross marketing volume, \$3.3 billion, or 19.8 percent, represents the volume of marketing business between cooperatives.

The estimated gross and net volumes of farm supplies handled by local and regional cooperatives are shown in table 8. Local cooperatives accounted for \$2.7 billion, or 74.6 percent, of the total net supply volume. Regional cooperatives accounted for \$916 million, or 25.4 percent, of the total.

The difference between the total net and gross volumes indicates that intercooperative farm supply business amounted to \$2.0 billion, or 36.0 percent of total gross supply volume.

Local cooperatives accounted for 74.5 percent of total service receipts, or \$261 million, and regional cooperatives for 25.5 percent, or \$89 million.

Table 7.--Estimated marketing business of local and regional cooperatives, by specified commodities, 1968-69¹

Farm products marketed for patrons	Local	Regional		Total local and regional	
		Gross (includes intercooperative business)	Net (excludes intercooperative business)	Gross (includes intercooperative business)	Net (excludes intercooperative business)
-----1,000 dollars-----					
Beans and peas (dry edible) ..	14,435	38,769	18,209	53,204	32,644
Cotton and cotton products	156,049	445,034	375,689	601,083	531,738
Dairy products	1,463,043	4,216,497	3,178,672	5,679,540	4,641,715
Fruits and vegetables	690,756	1,386,741	1,006,235	2,077,497	1,696,991
Grain, soybeans, and soybean meal and oil	2,324,759	1,837,499	337,593	4,162,258	2,662,352
Livestock and livestock products	210,210	1,750,263	1,641,552	1,960,473	1,851,762
Nuts	8,213	227,311	224,688	235,524	232,901
Poultry products	165,673	470,194	365,913	635,867	531,586
Rice	109,555	318,197	223,954	427,752	333,509
Sugar products	488	593,766	592,695	594,254	593,183
Tobacco	--	261,416	261,416	261,416	261,416
Wool and mohair	4,377	16,772	16,772	21,149	21,149
Miscellaneous	48,453	10,357	5,735	58,810	54,188
Total marketing	5,196,011	11,572,816	8,249,123	16,768,827	13,445,134

¹Preliminary.Table 8.--Estimated supply business of local and regional cooperatives, by specified commodities, 1968-69¹

Farm supplies purchased for patrons	Local	Regional		Total local and regional	
		Gross (includes intercooperative business)	Net (excludes intercooperative business)	Gross (includes intercooperative business)	Net (excludes intercooperative business)
-----1,000 dollars-----					
Building materials	101,801	97,856	41,366	199,657	143,167
Containers and packaging supplies	27,447	75,070	9,681	102,517	37,128
Farm machinery and equipment.	81,359	84,815	26,845	166,174	108,204
Feed	862,814	779,247	296,298	1,642,061	1,159,112
Fertilizer	504,480	677,171	150,237	1,181,651	654,717
Meats and groceries	59,278	46,610	20,915	105,888	80,193
Petroleum products	587,989	665,263	213,280	1,253,252	801,269
Seed	103,861	90,086	31,832	193,947	135,693
Sprays and dusts (farm chemicals) ..	111,159	132,322	33,531	243,481	144,690
Miscellaneous supplies	244,081	295,687	92,072	539,768	336,153
Total supplies	2,684,269	2,944,127	916,057	5,628,396	3,600,326

¹ Preliminary.

Geographic Areas

The estimated volume of farm products marketed and farm supplies purchased by cooperatives in 1968-69 is shown by States and geographic regions in table 9. The East North Central and West North Central Regions combined accounted for 45 percent of the total net volume of farm products marketed, and for 54 percent of supplies purchased.

The West North Central Region, with related service receipts of almost \$95 million, ranked first among all regions. This represented 27 percent of the total volume of service receipts reported by cooperatives.

In net value of combined marketing, farm supply, and related service volume, California continued in first place with \$2.0 billion, or 11 percent of the total; Minnesota remained in second place with almost \$1.2 billion, or 7 percent of the total; and Iowa ranked third with more than \$1.1 billion, or 6 percent of the total.

Table 9.--Estimated gross and net sales⁽¹⁾ of marketing, farm supply, and related service cooperatives,⁽²⁾ by commodities, geographic regions, and States, 1968-69⁽³⁾

Geographic regions and States	Beans and peas (dry edible)					Cotton and cotton products					Dairy products				
	Estimated number of cooperatives handling ⁽⁴⁾			Value of sales		Estimated number of cooperatives handling ⁽⁴⁾			Value of sales ⁽⁵⁾		Estimated number of cooperatives handling ⁽⁴⁾			Value of sales	
	Head- quarters in State	Head- quarters out of State	Total in State	Gross (includes interco- operative business)	Net (excludes interco- operative business)	Head- quarters in State	Head- quarters out of State	Total in State	Gross (includes interco- operative business)	Net (excludes interco- operative business)	Head- quarters in State	Head- quarters out of State	Total in State	Gross (includes interco- operative business)	Net (excludes interco- operative business)
Maine.....	No.	No.	No.	\$1,000	\$1,000	No.	No.	No.	\$1,000	\$1,000	No.	No.	No.	\$1,000	\$1,000
New Hampshire....	-	-	-	-	-	-	-	-	-	-	4	3	7	27,122	27,122
Vermont.....	-	-	-	-	-	-	-	-	-	-	3	5	8	21,224	21,224
Massachusetts....	-	-	-	-	-	-	-	-	-	-	12	5	17	101,331	101,331
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	2	2	4	29,424	29,424
Connecticut.....	-	-	-	-	-	-	-	-	-	-	-	1	1	7,554	7,554
Connecticut.....	-	-	-	-	-	-	-	-	-	-	3	1	4	35,597	35,597
New England:.....	-	-	-	-	-	-	-	-	-	-	24	-	-	222,252	222,252
New York.....	2	-	2	3,325	3,299	-	-	-	-	-	92	8	100	593,381	490,625
New Jersey.....	-	-	-	-	-	-	-	-	-	-	4	4	8	41,933	41,933
Pennsylvania.....	-	-	-	-	-	-	-	-	-	-	36	9	45	293,280	254,280
Middle Atlantic:....	2	-	-	3,325	3,299	-	-	-	-	-	132	-	-	928,594	786,838
Ohio.....	-	-	-	-	-	-	-	-	-	-	20	6	26	200,899	185,518
Indiana.....	-	-	-	-	-	-	-	-	-	-	5	9	14	89,229	88,529
Illinois.....	-	-	-	-	-	-	-	-	-	-	21	7	28	266,403	265,729
Michigan.....	16	-	16	21,726	7,250	-	-	-	-	-	15	5	20	291,595	245,196
Wisconsin.....	-	-	-	-	-	-	-	-	-	-	196	11	207	749,970	653,280
East North Central:..	16	-	-	21,726	7,250	-	-	-	-	-	257	-	-	1,598,096	1,438,252
Minnesota.....	-	-	-	-	-	-	-	-	-	-	307	7	314	802,708	447,889
Iowa.....	-	-	-	-	-	-	-	-	-	-	80	12	92	270,762	185,795
Missouri.....	-	-	-	-	-	1	2	3	929	788	20	4	24	195,497	152,601
North Dakota.....	2	-	2	94	94	-	-	-	-	-	22	4	26	23,284	13,331
South Dakota.....	-	-	-	-	-	-	-	-	-	-	29	6	35	73,680	54,589
Nebraska.....	-	-	-	-	-	-	-	-	-	-	20	2	22	65,827	65,372
Kansas.....	-	-	-	-	-	-	-	-	-	-	6	4	10	44,734	44,734
West North Central:..	2	-	-	94	94	1	-	-	929	788	484	-	-	1,476,492	964,311
Delaware.....	-	-	-	-	-	-	-	-	-	-	-	3	3	4,044	4,044
Maryland.....	-	-	-	-	-	-	-	-	-	-	4	5	9	62,383	62,383
Virginia.....	-	-	-	-	-	-	-	-	-	-	11	3	14	73,313	71,087
West Virginia....	-	-	-	-	-	-	-	-	-	-	5	6	11	23,432	22,826
North Carolina....	-	-	-	-	-	1	-	1	804	804	8	2	10	53,237	53,237
South Carolina....	-	-	-	-	-	3	1	4	798	798	4	1	5	26,346	26,346
Georgia.....	-	-	-	-	-	4	-	4	5,179	5,179	9	2	11	63,540	63,540
Florida.....	-	-	-	-	-	-	-	-	-	-	11	-	11	75,419	75,419
South Atlantic:.....	-	-	-	-	-	8	-	-	6,781	6,781	52	-	-	381,714	378,882
Kentucky.....	-	-	-	-	-	-	-	-	-	-	4	5	9	54,348	54,128
Tennessee.....	-	-	-	-	-	1	-	1	536	536	6	5	11	61,839	57,793
Alabama.....	-	-	-	-	-	10	1	11	7,758	7,758	-	-	-	-	-
Mississippi.....	-	-	-	-	-	48	2	50	103,572	99,034	4	1	5	18,870	18,870
East South Central:..	-	-	-	-	-	59	-	-	111,866	107,328	14	-	-	135,057	130,791
Arkansas.....	-	-	-	-	-	29	2	31	23,929	17,776	-	1	1	30,045	30,045
Louisiana.....	-	-	-	-	-	12	2	14	12,042	12,042	5	-	5	16,560	16,560
Oklahoma.....	-	-	-	-	-	58	3	61	20,280	16,571	1	1	2	66,111	66,111
Texas.....	-	-	-	-	-	329	-	329	221,355	187,681	5	1	6	179,890	179,375
West South Central:..	-	-	-	-	-	428	-	-	277,606	234,070	11	-	-	292,606	292,091
Montana.....	1	1	2	806	172	-	-	-	-	-	6	1	7	7,016	6,345
Idaho.....	5	4	9	4,911	3,900	-	-	-	-	-	4	5	9	39,441	26,993
Wyoming.....	3	1	4	1,610	841	-	-	-	-	-	2	4	6	6,635	6,408
Colorado.....	10	-	10	6,399	2,996	-	-	-	-	-	5	-	5	40,313	40,313
New Mexico.....	1	-	1	15	15	18	2	20	20,566	19,699	1	1	1	3,005	3,005
Arizona.....	-	-	-	-	-	3	3	6	43,709	43,709	1	1	2	26,590	26,076
Utah.....	-	-	-	-	-	-	-	-	-	-	6	-	6	39,168	39,168
Nevada.....	-	-	-	-	-	-	-	1	1,180	1,180	1	1	2	2,066	1,551
Mountain:.....	20	-	-	13,741	7,924	21	-	-	65,455	64,588	25	-	-	164,234	149,859
Washington.....	6	1	7	2,746	2,692	-	-	-	-	-	7	3	10	138,653	52,826
Oregon.....	2	1	3	675	488	-	-	-	-	-	13	3	16	57,227	46,223
California.....	4	-	4	10,897	10,897	44	-	44	138,446	118,183	25	1	26	277,886	173,175
Pacific:.....	12	-	-	14,318	14,077	44	-	-	138,446	118,183	45	-	-	473,766	272,224
Subtotal.....	52	-	-	53,204	32,644	561	-	-	601,083	531,738	1,044	-	-	5,672,811	4,635,500
Alaska.....	-	-	-	-	-	-	-	-	-	-	1	-	1	(6)	(6)
Hawaii.....	-	-	-	-	-	-	-	-	-	-	1	1	2	(6)	(6)
Foreign.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNITED STATES....	52	-	-	53,204	32,644	561	-	-	601,083	531,738	1,046	-	-	5,672,811	4,635,500

See end of table for footnote references.

Continued--

Table 9.--Estimated gross and net sales⁽¹⁾ of marketing, farm supply, and related service cooperatives⁽²⁾ by commodities, geographic regions, and States, 1968-69⁽³⁾--Continued

Geographic regions and States	Nuts					Poultry and poultry products					Rice				
	Estimated number of cooperatives handling ⁽⁴⁾			Value of sales ⁽⁵⁾		Estimated number of cooperatives handling ⁽⁴⁾			Value of sales		Estimated number of cooperatives handling ⁽⁴⁾			Value of sales	
	Head-quarters in State	Head-quarters out of State	Total in State	Gross (includes intercooperative business)	Net (excludes intercooperative business)	Head-quarters in State	Head-quarters out of State	Total in State	Gross (includes intercooperative business)	Net (excludes intercooperative business)	Head-quarters in State	Head-quarters out of State	Total in State	Gross (includes intercooperative business)	Net (excludes intercooperative business)
Maine.....	-	-	-	-	-	3	-	3	538	538	-	-	-	-	-
New Hampshire...	-	-	-	-	-	2	3	5	1,832	1,589	-	-	-	-	-
Vermont.....	-	-	-	-	-	1	-	1	4	4	-	-	-	-	-
Massachusetts...	-	-	-	-	-	2	1	3	2,689	2,558	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-	2	2	3,881	3,307	-	-	-	-	-
Connecticut.....	-	-	-	-	-	4	1	5	4,540	4,462	-	-	-	-	-
New England.....	-	-	-	-	-	12	-	-	13,484	12,458	-	-	-	-	-
New York.....	-	-	-	-	-	6	-	6	22,819	21,337	-	-	-	-	-
New Jersey.....	-	-	-	-	-	9	2	11	13,094	11,678	-	-	-	-	-
Pennsylvania.....	-	-	-	-	-	5	2	7	14,552	13,303	-	-	-	-	-
Middle Atlantic...	-	-	-	-	-	20	-	-	50,465	46,318	-	-	-	-	-
Ohio.....	-	-	-	-	-	7	1	8	35,772	22,723	-	-	-	-	-
Indiana.....	-	-	-	-	-	1	-	1	1,568	1,568	-	-	-	-	-
Illinois.....	-	-	-	-	-	2	-	2	40	40	-	-	-	-	-
Michigan.....	-	-	-	-	-	9	1	10	9,667	9,414	-	-	-	-	-
Wisconsin.....	-	-	-	-	-	9	-	9	8,403	8,403	-	-	-	-	-
East North Central	-	-	-	-	-	28	-	-	55,450	42,148	-	-	-	-	-
Minnesota.....	-	-	-	-	-	48	1	49	44,707	31,602	-	-	-	-	-
Iowa.....	-	-	-	-	-	9	3	12	6,405	6,160	-	-	-	-	-
Missouri.....	23	-	23	157	157	88	1	89	13,686	868	-	-	-	-	-
North Dakota.....	-	-	-	-	-	6	1	7	803	692	-	-	-	-	-
South Dakota.....	-	-	-	-	-	18	2	20	2,610	2,555	-	-	-	-	-
Nebraska.....	-	-	-	-	-	15	1	16	7,792	4,675	-	-	-	-	-
Kansas.....	-	-	-	-	-	7	1	8	4,794	4,794	-	-	-	-	-
West North Central	23	-	-	157	157	191	-	-	80,797	51,346	-	-	-	-	-
Delaware.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland.....	-	-	-	-	-	1	4	5	4,484	4,050	-	-	-	-	-
Virginia.....	1	-	1	287	287	3	1	4	17,144	16,872	-	-	-	-	-
West Virginia.....	1	-	1	(6)	(6)	2	2	4	8,203	8,203	-	-	-	-	-
North Carolina...	1	2	3	3,712	3,712	5	2	7	15,125	14,671	-	-	-	-	-
South Carolina...	1	1	2	27	27	3	1	4	9,320	9,320	-	-	-	-	-
Georgia.....	7	-	7	82,389	82,389	6	1	7	52,617	52,323	-	-	-	-	-
Florida.....	3	1	4	11,530	10,853	3	-	3	6,159	6,159	-	-	-	-	-
South Atlantic...	14	-	-	97,945	97,268	23	-	-	113,052	111,598	-	-	-	-	-
Kentucky.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alabama.....	1	1	2	10,500	10,500	2	2	4	24,529	24,455	-	-	-	-	-
Mississippi.....	6	1	7	1,494	1,494	11	1	12	37,779	37,318	3	-	3	11,754	11,754
East South Central	7	-	-	11,994	11,994	13	-	-	62,308	61,773	3	-	-	11,754	11,754
Arkansas.....	-	-	-	-	-	1	1	2	10,408	9,518	15	-	15	87,379	87,379
Louisiana.....	1	-	1	1,000	1,000	1	-	1	160	160	15	-	15	34,677	19,975
Oklahoma.....	4	2	6	21,335	21,335	2	2	4	5,590	3,096	-	-	-	-	-
Texas.....	9	1	10	17,208	17,208	5	1	6	11,960	4,480	16	1	17	183,204	103,663
West South Central	14	-	-	39,543	39,543	9	-	-	28,118	17,254	46	-	-	305,260	211,017
Montana.....	-	-	-	-	-	2	-	2	40	40	-	-	-	-	-
Idaho.....	-	-	-	-	-	1	1	2	366	353	-	-	-	-	-
Wyoming.....	-	-	-	-	-	-	1	1	9,393	7,890	-	-	-	-	-
Colorado.....	-	-	-	-	-	1	1	2	4,099	4,099	-	-	-	-	-
New Mexico.....	1	1	2	237	237	-	-	-	-	-	-	-	-	-	-
Arizona.....	-	1	1	182	182	-	1	1	2,400	2,280	-	-	-	-	-
Utah.....	-	-	-	-	-	5	-	5	26,531	12,817	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mountain.....	1	-	-	419	419	9	-	-	42,829	27,479	-	-	-	-	-
Washington.....	-	-	-	-	-	2	1	3	24,724	23,739	-	-	-	-	-
Oregon.....	2	-	2	1,963	1,963	2	2	4	22,226	15,054	-	-	-	-	-
California.....	14	-	14	83,332	81,386	10	1	11	141,498	121,503	5	-	5	110,738	110,738
Pacific.....	16	-	-	85,295	83,349	14	-	-	188,448	160,296	5	-	5	110,738	110,738
Subtotal.....	75	-	-	235,353	232,730	319	-	-	634,951	530,670	54	-	-	427,752	333,509
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	1	-	1	(6)	(6)	2	-	2	(6)	(6)	-	-	-	-	-
Foreign.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNITED STATES....	76	-	-	235,353	232,730	321	-	-	634,951	530,670	54	-	-	427,752	333,509

See end of table for footnote references.

Continued--

Table 9.--Estimated gross and net sales⁽¹⁾ of marketing, farm supply, and related service cooperatives,⁽²⁾ by commodities, geographic regions, and States,⁽³⁾ 1968-69 --Continued

Geographic regions and States	Seed					Sprays and dusts (farm chemicals)					Miscellaneous supplies ^(1,3)				
	Estimated number of cooperatives handling ⁽⁴⁾			Value of sales		Estimated number of cooperatives handling ⁽⁴⁾			Value of sales		Estimated number of cooperatives handling ⁽⁴⁾			Value of sales	
	Head-quarters in State	Head-quarters out of State	Total in State	Gross (includes interco-operative business)	Net (excludes interco-operative business)	Head-quarters in State	Head-quarters out of State	Total in State	Gross (includes interco-operative business)	Net (excludes interco-operative business)	Head-quarters in State	Head-quarters out of State	Total in State	Gross (includes interco-operative business)	Net (excludes interco-operative business)
Maine.....	5	1	6	535	472	7	2	9	1,436	1,270	6	4	10	1,415	1,315
New Hampshire...	1	2	3	198	197	-	2	2	201	198	3	4	7	529	527
Vermont.....	4	2	6	433	392	4	2	6	444	343	5	4	9	1,083	1,030
Massachusetts...	6	1	7	1,006	985	4	2	6	1,196	1,103	7	4	11	3,808	2,884
Rhode Island....	-	1	1	95	95	-	1	1	96	96	-	2	2	225	225
Connecticut.....	7	2	9	596	595	7	2	9	673	671	8	3	11	1,772	1,771
New England.....	23	-	-	2,863	2,736	22	-	-	4,046	3,681	29	-	-	8,832	7,752
New York.....	172	3	175	9,966	6,912	171	4	175	13,553	4,942	190	8	198	25,045	18,997
New Jersey.....	15	2	17	1,216	1,068	18	4	22	1,772	1,400	17	3	20	4,147	3,049
Pennsylvania....	44	2	46	4,895	4,498	44	3	47	4,335	4,010	48	7	55	10,023	9,263
Middle Atlantic...	231	-	-	16,077	12,478	233	-	-	19,660	10,352	255	-	-	39,215	31,309
Ohio.....	160	4	164	10,284	6,689	138	3	141	6,301	4,307	169	7	176	13,896	10,243
Indiana.....	104	-	104	5,449	4,077	92	1	93	8,794	5,200	106	8	114	15,800	8,184
Illinois.....	209	5	214	11,792	7,238	149	5	154	27,397	14,378	257	10	267	14,557	6,571
Michigan.....	88	3	91	4,297	3,270	86	5	91	4,643	3,031	110	8	118	14,456	9,176
Wisconsin.....	223	6	229	6,526	4,685	196	7	203	8,594	4,436	347	12	359	41,851	26,363
East North Central	784	-	-	38,348	25,959	661	-	-	55,729	31,352	989	-	-	100,560	60,537
Minnesota.....	448	2	450	10,600	7,789	435	5	440	12,014	7,246	679	7	686	57,200	22,666
Iowa.....	332	4	336	13,341	8,874	285	5	290	21,865	12,102	386	10	396	20,984	11,249
Missouri.....	137	-	137	11,938	5,999	106	2	108	9,788	4,206	147	6	153	27,062	8,848
North Dakota....	269	8	277	4,290	2,678	288	5	293	3,681	2,340	375	6	381	17,848	13,524
South Dakota....	164	7	171	2,651	1,938	149	7	156	3,839	2,053	235	7	242	13,142	9,703
Nebraska.....	104	6	110	1,579	737	155	5	160	8,524	4,147	264	9	273	15,579	10,072
Kansas.....	201	5	206	3,410	3,378	183	4	187	8,869	3,776	234	7	241	17,536	11,578
West North Central	1,655	-	-	47,809	31,393	1,601	-	-	68,580	35,870	2,320	-	-	169,351	87,640
Delaware.....	6	3	9	578	439	-	3	3	74	74	6	4	10	2,560	2,056
Maryland.....	26	2	28	2,903	2,170	6	1	7	130	130	30	4	34	11,942	9,296
Virginia.....	58	-	58	6,163	4,732	16	2	18	1,307	595	59	4	63	26,763	19,541
West Virginia...	21	1	22	1,251	937	2	-	2	4	4	25	5	30	6,045	4,912
North Carolina..	6	2	8	5,170	3,430	7	3	10	5,959	3,668	10	6	16	16,356	10,228
South Carolina..	3	1	4	1,080	823	5	1	6	1,219	908	5	3	8	2,714	1,839
Georgia.....	50	1	51	5,182	2,826	48	2	50	3,990	2,274	40	4	44	16,491	4,634
Florida.....	17	1	18	1,232	1,002	36	1	37	6,081	5,938	18	2	20	3,888	1,838
South Atlantic...	187	-	-	23,559	16,359	120	-	-	18,764	13,591	193	-	-	86,759	54,344
Kentucky.....	46	1	47	3,753	2,880	8	1	9	278	274	46	5	51	15,777	12,627
Tennessee.....	90	1	91	10,989	6,418	89	3	92	6,339	3,414	94	7	101	11,073	6,787
Alabama.....	46	2	48	4,624	2,924	44	4	48	2,134	1,233	39	5	44	10,560	4,143
Mississippi....	61	3	64	7,536	4,800	66	4	70	16,856	12,650	65	5	70	5,151	3,627
East South Central	243	-	-	26,902	17,022	207	-	-	25,607	17,571	244	-	-	42,561	27,184
Arkansas.....	47	2	49	4,190	2,365	45	6	51	5,915	2,373	47	7	54	5,979	2,956
Louisiana.....	37	3	40	2,845	2,133	35	3	38	2,411	1,523	36	2	38	1,745	1,237
Oklahoma.....	126	6	132	2,811	2,363	82	6	88	2,689	913	101	8	109	22,031	18,869
Texas.....	352	2	354	10,091	8,085	212	4	216	8,240	5,206	182	6	188	7,818	5,678
West South Central	562	-	-	19,937	14,946	374	-	-	19,255	10,015	366	-	-	37,573	28,740
Montana.....	48	4	52	1,004	524	92	2	94	1,476	807	117	2	119	10,708	8,531
Idaho.....	24	4	28	2,014	1,403	26	5	31	1,920	1,073	31	6	37	4,439	3,581
Wyoming.....	8	3	11	160	130	9	1	10	144	88	16	6	22	901	719
Colorado.....	45	3	48	885	766	48	2	50	2,416	1,030	68	2	70	5,378	4,025
New Mexico.....	9	3	12	200	180	4	2	6	98	55	7	3	10	214	191
Arizona.....	5	1	6	343	182	5	2	7	745	435	4	4	8	4,329	2,300
Utah.....	13	-	13	1,198	1,144	16	1	17	573	402	18	2	20	2,878	2,136
Nevada.....	-	3	3	11	11	-	3	3	4	3	-	2	2	5	3
Mountain.....	152	-	-	5,815	4,340	200	-	-	7,376	3,893	261	-	-	28,852	21,486
Washington.....	48	3	51	4,209	3,605	85	5	90	10,544	8,065	84	4	88	9,520	7,197
Oregon.....	33	3	36	3,686	2,342	47	4	51	5,353	3,520	54	7	61	9,451	6,307
California.....	70	2	72	4,695	4,466	79	3	82	8,095	6,569	72	3	75	6,814	3,398
Pacific.....	151	-	-	12,590	10,413	211	-	-	23,992	18,154	210	-	-	25,785	16,902
Subtotal.....	3,988	-	-	193,900	135,646	3,629	-	-	243,009	144,479	4,867	-	-	539,488	335,894
Alaska.....	1	-	1	(6)	(6)	-	-	-	-	-	1	-	1	(6)	(6)
Hawaii.....	4	-	4	16	16	11	-	11	472	211	7	-	7	233	212
Foreign.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNITED STATES....	3,993	-	-	193,916	135,662	3,640	-	-	243,481	144,690	4,875	-	-	539,721	336,106

See end of table for footnote references.

Continued--

Table 9.--Estimated gross and net sales⁽¹⁾ of marketing, farm supply, and related service cooperatives,⁽²⁾ by commodities, geographic regions, and States, 1968-69⁽³⁾--Continued

Geographic regions and States	Total supplies					Services				Total ⁽¹⁴⁾			
	Estimated number of cooperatives handling ⁽⁴⁾			Value of sales		Estimated number of cooperatives handling ⁽⁴⁾			Estimated receipts ⁽¹⁵⁾	Estimated number of cooperatives in State ⁽¹⁶⁾	Estimated number of cooperatives doing business in State	Gross volume (includes intercooperative business)	Net volume (excludes intercooperative business)
	Head-quarters in State	Head-quarters out of State	Total in State	Gross (includes intercooperative business)	Net (excludes intercooperative business)	Head-quarters in State	Head-quarters out of State	Total in State					
									No.	No.	No.	\$1,000	\$1,000
Maine.....	10	5	15	20,595	18,449	5	2	7	386	14	20	63,554	61,408
New Hampshire...	4	6	10	6,665	6,611	2	3	5	170	6	15	30,779	30,482
Vermont.....	10	5	15	12,754	11,591	10	2	12	850	17	25	114,969	113,806
Massachusetts....	10	5	15	28,913	27,073	5	2	7	732	19	25	94,545	92,574
Rhode Island.....	-	3	3	2,937	2,923	1	2	3	107	1	5	14,479	13,891
Connecticut.....	12	5	17	26,948	26,716	7	3	10	636	18	25	69,195	68,885
New England.....	46	-	-	98,812	93,363	30	-	-	2,881	75	-	387,521	381,046
New York.....	203	11	214	329,040	229,498	175	5	180	9,480	294	307	1,075,754	870,856
New Jersey.....	31	7	38	50,321	45,058	27	3	30	1,770	50	61	159,738	152,982
Pennsylvania....	69	11	80	118,681	115,238	58	4	62	3,762	122	142	491,811	447,540
Middle Atlantic...	303	-	-	498,042	389,794	260	-	-	15,012	466	-	1,727,303	1,471,378
Ohio.....	192	14	206	183,592	112,540	183	8	191	12,267	216	235	902,768	679,181
Indiana.....	114	11	125	213,651	131,003	110	10	120	7,929	120	148	741,786	556,833
Illinois.....	328	15	343	376,659	206,451	276	6	282	14,878	363	381	1,369,311	1,061,871
Michigan.....	135	13	148	110,451	72,533	106	7	113	4,951	159	182	616,283	485,706
Wisconsin.....	379	17	396	290,955	189,046	354	7	361	9,262	557	582	1,206,172	969,581
East North Central	1,148	-	-	1,175,308	711,573	1,029	-	-	49,287	1,415	-	4,836,320	3,753,172
Minnesota.....	781	13	794	424,681	242,437	732	11	743	18,430	950	978	1,873,278	1,182,048
Iowa.....	451	15	466	488,103	315,473	396	15	411	27,079	486	521	1,528,304	1,102,197
Missouri.....	165	13	178	309,220	166,976	122	9	131	6,257	180	204	823,695	530,987
North Dakota....	445	10	455	133,515	94,402	374	8	382	8,208	487	507	551,260	383,893
South Dakota....	269	11	280	134,718	93,256	228	9	237	5,256	282	303	343,418	256,111
Nebraska.....	336	17	353	233,443	147,912	284	8	292	10,233	351	375	646,497	494,762
Kansas.....	282	11	293	281,679	169,741	274	10	284	19,394	291	309	732,143	477,685
West North Central	2,729	-	-	2,005,359	1,230,197	2,410	-	-	94,857	3,027	-	6,498,595	4,427,683
Delaware.....	8	7	15	9,625	7,253	1	2	3	63	8	16	17,338	14,816
Maryland.....	32	7	39	61,777	49,128	13	3	16	603	42	53	140,890	126,840
Virginia.....	75	8	83	118,142	77,565	33	2	35	2,030	121	132	255,091	206,655
West Virginia...	26	6	32	18,537	13,450	8	6	14	618	65	78	58,043	51,850
North Carolina..	22	10	32	113,469	75,909	18	4	22	1,992	40	57	310,443	272,429
South Carolina..	8	6	14	17,362	12,503	10	4	14	329	21	31	78,174	73,315
Georgia.....	58	9	67	107,009	38,788	23	4	27	4,566	73	87	361,203	292,351
Florida.....	51	5	56	50,349	37,545	41	2	43	26,844	99	109	588,012	451,230
South Atlantic...	280	-	-	496,270	312,141	147	-	-	37,045	469	-	1,809,194	1,489,486
Kentucky.....	54	7	61	55,492	38,877	15	3	18	290	82	95	206,085	184,751
Tennessee.....	99	9	108	138,502	72,727	88	7	95	983	128	143	243,734	157,267
Alabama.....	50	9	59	86,517	45,565	32	2	34	1,058	59	71	158,341	109,004
Mississippi.....	103	7	110	132,522	69,876	85	3	88	6,051	128	141	367,054	295,710
East South Central	306	-	-	413,033	227,045	220	-	-	8,382	397	-	975,214	746,732
Arkansas.....	69	11	80	92,873	45,402	57	5	62	10,047	96	115	371,680	313,973
Louisiana.....	65	5	70	33,430	20,143	44	2	46	3,529	96	101	144,228	116,239
Oklahoma.....	148	12	160	99,854	65,460	145	8	153	18,573	159	177	448,990	293,105
Texas.....	448	11	459	107,760	80,008	429	4	433	40,177	513	531	1,041,677	770,887
West South Central	730	-	-	333,917	211,013	675	-	-	72,326	864	-	2,006,575	1,494,204
Montana.....	131	4	135	57,518	38,788	86	4	90	2,044	164	177	196,721	126,709
Idaho.....	45	8	53	37,079	27,006	32	11	43	3,070	70	92	186,399	149,156
Wyoming.....	19	8	27	7,835	6,301	14	4	18	580	31	41	40,719	36,686
Colorado.....	77	7	84	51,929	32,786	71	5	76	2,811	92	102	294,975	255,519
New Mexico.....	23	6	29	3,852	2,682	25	7	32	2,627	26	37	45,298	35,118
Arizona.....	8	6	14	13,441	5,995	6	5	11	3,262	14	28	178,425	154,586
Utah.....	28	3	31	29,793	24,081	18	1	19	1,170	50	55	145,941	123,865
Nevada.....	-	3	3	488	459	-	2	2	17	3	10	4,373	3,817
Mountain.....	331	-	-	201,935	138,098	252	-	-	15,581	450	-	1,092,851	885,456
Washington.....	132	7	139	130,311	99,215	99	6	105	18,828	164	179	648,840	466,705
Oregon.....	70	10	80	89,206	63,685	57	4	61	7,034	84	102	393,843	279,133
California.....	180	5	185	177,908	117,087	153	3	156	29,336	314	323	2,346,445	1,977,917
Pacific.....	382	-	-	397,425	279,987	309	-	-	55,198	562	-	3,389,128	2,723,755
Subtotal.....	6,255	-	-	5,620,101	3,593,211	5,332	-	-	350,569	7,725	-	22,722,701	17,372,912
Alaska.....	1	-	1 ⁽⁶⁾	-	-	1	-	1 ⁽⁶⁾	-	2	3	2,942	2,942
Hawaii.....	17	-	17	6,072	4,892	12	-	12	180	20	23	19,525	17,593
Foreign.....	-	-	-	1,335 ⁽⁷⁾	1,335 ⁽⁷⁾	-	-	-	-	-	3 ⁽⁷⁾	2,816 ⁽⁷⁾	2,816 ⁽⁷⁾
UNITED STATES....	6,273	-	-	5,627,508	3,599,438	5,345	-	-	350,749	7,747	-	22,747,984	17,396,221

See next page for footnote references.

Footnotes to table 9.

¹ 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.

² Includes independent local cooperatives, federations, and centralized cooperatives.

³ Preliminary data covering operations of cooperatives whose fiscal years ended during the period July 1, 1968, through June 30, 1969, with limited exceptions.

⁴ The total number of cooperatives handling each commodity within a State may include only cooperatives headquartered in the State, only cooperatives headquartered in other States, or a combination of both. Number of cooperatives handling a commodity includes those performing specific services on the commodity, such as cotton ginning cooperatives, livestock trucking cooperatives, and rice- and fruit-drying cooperatives. (Income for these specific services is included with service receipts.)

⁵ Includes the value of commodities marketed by cooperatives under price-support programs in 1968-69. Cooperative business volume is influenced by the extent to which patrons participate in these programs.

⁶ Included in the combined total dollar volume of all farm products marketed, farm supplies handled, and related services provided, in order not to reveal separate volume data for an individual association.

⁷ Includes value of marketing commodities imparted or farm supplies exported.

⁸ Less than \$500.

⁹ Dollar volume for commodity allocated to States of origin.

¹⁰ Includes the volume of a statewide federation of county wool pools which is responsible for selling all wool in the pools. Payment is made by the federation to the pool manager who is responsible for payments to the individual wool growers.

¹¹ The volume of a Hawaiian sugar cooperative headquartered in California is included in the dollar volume of California.

¹² Includes forest products, fur pelts, hay, haps, nursery stock, tung oil, coffee, and other farm products not separately classified.

¹³ Includes plant equipment, outmotive supplies, hardware, chicks, and other supplies not separately classified.

¹⁴ These combined gross and net totals will not, in all cases, equal the sum of individual commodity totals or the sum of the totals for marketing, farm supplies, and related services, since some of the individual and group totals have been adjusted in order not to reveal volume data for individual associations.

¹⁵ Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

¹⁶ Because many cooperatives do more than one type of business, these totals are less than the number that would be obtained by adding the number of cooperatives marketing individual products, handling individual supplies, or providing individual services.

Appendix

The following discussion of the methods used in classifying cooperatives for the annual survey should create a better understanding of the types of cooperatives covered in these statistics.

Classification of Cooperatives

The 1968-69 survey discussed in this report included only marketing, farm supply, and related service cooperatives (appendix table 1). It did not include rural electric associations, production credit associations, rural credit unions, other types of credit cooperatives, or production cooperatives, such as dairy herd improvement associations and dairy cattle artificial breeding associations.

Marketing cooperatives in this report included those associations whose primary business was marketing farm products for their patrons—that is, more than 50 percent of their total dollar volume was derived from the sale of farm products.

Marketing cooperatives were further classified according to which major commodity of 13 classifications was predominant (in terms of dollar volume) in each association's business. Farm supply cooperatives were those whose farm supply business accounted for more than 50 percent of their total dollar volume. The major functions of related service cooperatives were trucking, storing, drying, 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 for performing related services such as storing, drying, and trucking. Such associations were classified according to the predominant commodity or function as indicated by their business volumes.

Cooperatives were also classified according to organizational structures:

Local Association

A local association provides cooperative services in a local area or community, a county, or even several counties. Individual farmers are the members of these local cooperatives. Local associations usually perform a limited number of the first steps involved in marketing. In the case of farm supply associations, practically all sales are at the retail level. Local associations may or may not be affiliated with other cooperatives.

Regional Association

A regional cooperative serves a district consisting of a number of counties, or, in some cases, a number of States. Types of associations classified as regional for purposes of this report are as follows:

1. All federated cooperatives. These are cooperative organizations whose membership is composed of two or more local associations organized to market farm products or purchase production supplies for their patrons. Individual farmers are not members of strictly federated associations, but are members of the local associations that comprise the federation. Regional federations may be members of other federated associations.

2. Centralized associations usually serving a multi-county area. A regional centralized association is structurally like a small-scale local association in that individual farmers make up the membership. In a strictly centralized regional cooperative, there are no autonomous local associations.

3. Cooperatives with large volumes that are neither strictly federated nor strictly centralized, as their

Appendix table 1.--Major types, number, and memberships of farmer cooperatives, by specified years

Type	Year or period	Associations	Estimated memberships or participants
----- Number -----			
Marketing and farm supply:			
Marketing ¹	1968-69	24,773	3,141,245
Farm supply ¹	1968-69	³ 2,793	3,189,460
Miscellaneous services ^{1,4}	1968-69	181	32,850
Service:			
Federal land bank associations ⁶	June 30, 1970	628	⁷ 369,279
Production credit associations ⁶	June 30, 1970	446	526,654
Banks for cooperatives ⁶	June 30, 1970	13	⁸ 3,556,000
Rural credit unions ⁹	Jan. 1, 1970	790	275,000
Rural electric cooperatives ¹⁰	Jan. 1, 1970	¹¹ 901	¹² 5,738,961
Rural telephone cooperatives ¹⁰	Jan. 1, 1970	231	¹² 579,241
Farmers' mutual fire insurance companies ⁹	Jan. 1, 1970	1,225	2,750,000
Production:			
Mutual irrigation companies ⁹	Jan. 1, 1970	7,500	161,000
Dairy herd improvement associations ¹³	Jan. 1, 1970	1,267	59,629
Dairy cattle artificial breeding associations ¹³	1969	21	¹⁴ 242,100

¹ Farmer Cooperative Service, USDA.

² When associations marketing farm products but principally engaged in providing some other services are included, the total is 5,400.

³ When associations purchasing farm supplies but principally engaged in providing some other services are included, the total is 6,273.

⁴ Includes general trucking, storage, grinding, locker plant, and other services.

⁵ When associations providing miscellaneous services but principally engaged in marketing or farm supply activities are included, the total is 5,345.

⁶ Farm Credit Administration.

⁷ Represents the number of Federal Land Bank loans outstanding as of June 30, 1970.

⁸ Estimated 2,879 cooperative associations were borrowers from Banks for Cooperatives.

⁹ Farmer Cooperative Service, USDA estimates.

¹⁰ Rural Electrification Administration, USDA.

¹¹ Includes associations that are REA repaid borrowers.

¹² Includes only memberships of associations financed by REA.

¹³ Dairy Cattle Research Branch, Agricultural Research Service, USDA.

¹⁴ Number of herds serviced by cooperatives.

members include both local cooperatives and individual farmers.

4. Some associations with small business volumes that market farm products for, or sell production supplies to, both local associations and individual producers, or do business in more than one State.

5. Bargaining associations. These associations derive all or a major portion of their 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 or purchasing 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 or to purchase members' supplies, many bargaining associations now perform additional functions. For example, dairy bargaining associations at one time generally performed only price negotiation. Now, however, many of these associations 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 order hearings.

Readers who wish to make comparisons from year to year in specific commodity groups should keep in mind the differences in classification between State

and national data. For example, State agencies frequently publish directories that include credit, electric, and other types of service cooperatives not directly related to marketing farm products or purchasing production supplies.

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) Farmer Cooperative Service may not learn of the existence of the cooperative immediately, or (2) the cooperative may not have completed and returned the initial questionnaire sent to it by Farmer Cooperative Service.

For inclusion in the annual survey, a cooperative is defined as one which 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 he owns therein, *or* the cooperative does not pay dividends on stock or membership capital in excess of 8 percent a year; and (3) the cooperative does not deal in products of nonmembers in an amount greater in value than it handles for its members.

For many years, the national survey has been classifying cooperatives according to the predominant commodity in each cooperative's business volume. If a cooperative consistently indicates that 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 in the national survey, this cooperative is reclassified into the commodity group currently representing the predominant product in its business volume. This practice differs from that followed in many State surveys in which cooperatives are classified according to the commodity groups they were originally organized to handle.

The 1950-51 survey was the first annual survey in which cooperatives furnished data by individual commodities handled and services performed.³ Regional cooperatives were asked to furnish information on memberships and business volumes for the individual States they served in 1950-51. For the first time, it was possible to discontinue the former practice of crediting all memberships and business to the State in which each regional association maintained its headquarters. This was the beginning of more realistic figures for States in geographic areas where regional cooperatives were of major importance in cooperative activities.

³ 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. Agr., Farm Credit Admin., Misc. Rpt. 169, pp. 1-3.





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