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GENERAL SERIAL RECORDS

STATISTICS OF FARMER COOPERATIVES

by BRUCE L. SWANSON

1962 - 1963

FARMER COOPERATIVE SERVICE
U.S. DEPARTMENT OF AGRICULTURE
GENERAL REPORT NO. 128 · JULY 1965

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

Joseph G. Knapp, Administrator

The Farmer Cooperative Service conducts research studies and service activities of assistance to farmers in connection with cooperatives engaged in marketing farm products, purchasing farm supplies, and supplying business services. The work of the Service relates to problems of management, organization, policies, merchandising, product quality, costs, efficiency, financing, and membership.

The Service publishes the results of such studies; confers and advises with officials of farmer cooperatives; and works with educational agencies, cooperatives, and others in the dissemination of information relating to cooperative principles and practices.

Acknowledgment is made to Anne L. Gessner, Chief, History and Statistics Branch, under whose authorship this publication has appeared in previous years, for general supervision and planning in this study; and to Jane H. Click, History and Statistics Branch, for her substantial contribution in the analysis of material necessary for the preparation of this report.

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HIGHLIGHTS

Farm products marketed by cooperatives in 1962-63 had a gross value of almost \$13.9 billion. This was about a 7-percent increase over the \$13.0 billion in 1961-62. The net value of farm products marketed was more than \$10.8 billion. The net figure reflects elimination of interassociation business and represents an increase of 6.6 percent over the comparable figure of almost \$10.2 billion in the previous year.

A gross value of \$4.1 billion in farm supplies handled by farmer cooperatives in 1962-63 compared with a gross supply volume of \$3.9 billion for the previous period represented an increase of 5.9 percent. After eliminating duplication resulting from business between cooperatives, net supply volume amounted to \$2.7 billion, an increase of about 5.6 percent over the almost \$2.6 billion in net value of farm supplies for 1961-62.

The \$303.3 million in receipts for services related to handling farm supplies or marketing farm products represented a slight increase of 0.4 percent over 1961-62.

For all farm products marketed, farm supplies handled, and services performed by cooperatives, the total gross value amounted to over \$18.3 billion, an increase of almost 6.6 percent when compared with the total gross figure of \$17.2 billion for 1961-62. After excluding interassociation business, the total net volume amounted to more than \$13.8

billion, an increase of almost 6.3 percent over the previous year's total net volume of \$13.0 billion.

The three ranking States, California, Minnesota, and Iowa, together accounted for 23.7 percent of the total net business volume of farmer cooperatives.

For several years the number of cooperatives has continued to decline, reflecting the trend in reorganization involving mergers, consolidations, and acquisitions. The total number of cooperatives in the survey dropped from 9,039 in 1961-62 to 8,907 in 1962-63. This was a net decrease of 132 associations.

For the first time since 1958-59, when a temporary reversal 1 year in duration occurred, the downward trend in membership figures was reversed. In 1962-63, memberships in cooperatives increased by 119,770 and totaled 7,218,750. Periodic reversals are caused mainly by the increased participation of growers in cooperatives concerned with Government price supports. These infrequent upturns briefly interrupt the continuing downward trend in number of memberships which can be attributed principally to the steadily declining number of farmers in the United States.

Of the 8,907 farmer cooperatives included in the 1962-63 survey, 94 percent provided information on their operations.

STATISTICS OF FARMER COOPERATIVES 1962-63

by **Bruce L. Swanson**
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Every other year, beginning with the 1961-62 statistical report, the annual survey of memberships and business volume of farmer cooperatives is presented in condensed format. The condensed reports, limited in size and scope, provide tabulations that are essential for maintaining continuity of data. During the alternate years, a complete statistical report is prepared containing a greater variety and detail of textual and tabular material.

This 1962-63 survey is a complete report. Detailed information on the number of cooperatives and their memberships by State location and commodity and functional type is

included. The report also contains information on the gross (includes intercooperative business) and net (excludes intercooperative business) dollar volumes of cooperatives classified by location and type. Gross and net dollar volumes of the major commodity groups handled by cooperatives are shown in a time series extending from 1950-51 to 1962-63. State rankings based on the net dollar volume of business handled in 1962-63 by the different types of cooperatives are compared with ranks held 10 years earlier--in 1953-54.

All survey data in this report beginning with the year 1950-51 include information for Alaska and Hawaii, except as noted.

The procedures and period of time required in obtaining and summarizing information in the survey are explained in the appendix, page 69.

COOPERATIVE BUSINESS

In 1962-63, the gross volume of business of 8,907 marketing, farm supply, and related service cooperatives amounted to over \$18.3 billion. This was an increase of 6.6 percent over the \$17.2 billion reported in 1961-62.

The net business amounted to more than \$13.8 billion. Included in this amount were \$10.83 billion for farm products marketed, \$2.70 billion for farm supplies purchased, and \$0.30 billion for services rendered to patrons (fig. 1). This net amount excludes business done between cooperatives, which in 1962-63 was slightly over \$4.5 billion. The net volume of \$13.8 billion increased 6.3 percent when compared with the net business of \$13.0 billion in 1961-62.

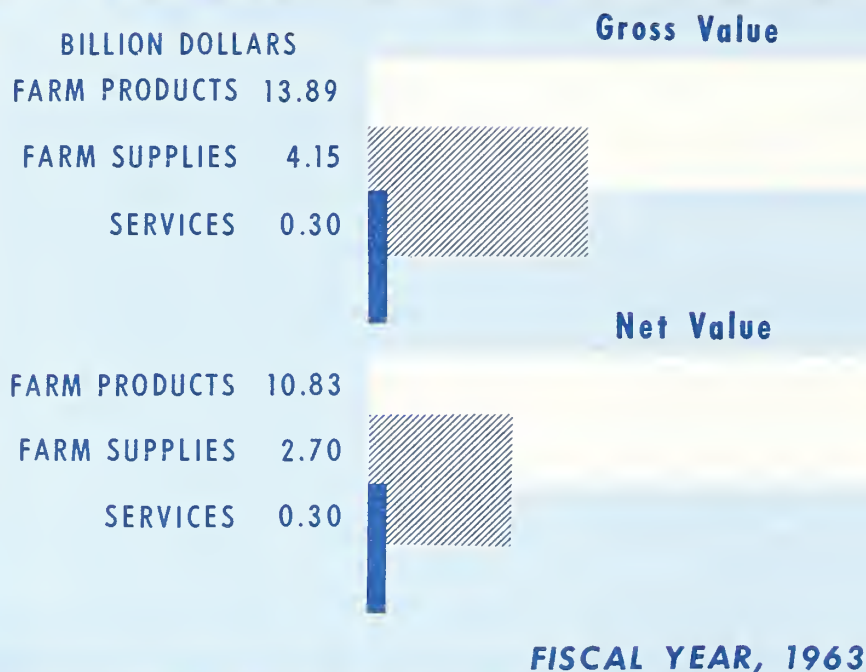
In this report, no adjustments were made for changes in the price indexes of farm products marketed or farm production supplies purchased by farmers in making comparisons of dollar volumes.

Both gross and net amounts and percentages of the estimated total business represented by the three major functional groups for each survey year beginning with 1950-51 are shown in table 1. Total gross and net business volumes in 1962-63 exceeded comparable volumes reported in all previous surveys.

Gross value of farm products marketed by cooperatives increased from almost \$13.0 billion in 1961-62 to almost \$13.9 billion in 1962-63, a percentage rise of about 7 percent.

**FIG.
1**

Cooperative Business Volume



The net value of farm products marketed amounted to more than \$10.8 billion in 1962-63, an increase of 6.6 percent from the \$10.2 billion reported for the previous year. This rise in net value of farm products resulted primarily from increases in the dollar volumes reported for grain, tobacco, livestock, dairy products, cotton products, and fruits and vegetables.

In 1962-63, the gross value of all farm supplies handled by cooperatives amounted to over \$4.1 billion, a 5.9 percent increase over the \$3.9 billion in 1961-62. The net value of these supplies amounted to \$2.7 billion, a rise of almost 5.6 percent over the \$2.6 billion reported in the previous year. Increases in net quantities of feed, fertilizer, seed, petroleum products, and miscellaneous supplies largely accounted for this rise.

Table 2 shows the value of each major commodity handled in 1962-63 by all types of cooperatives. Net sales of poultry products, for example, totaled over \$420 million. Of the 479 cooperatives that sold these products, 97 specialized in poultry and egg marketing and the rest marketed other farm products primarily, with poultry products only a sideline activity.

The 1950-51 survey provided for the first time the value of sales of each major commodity handled by cooperatives. Before this survey, data consisted of the total business volumes of only those cooperatives that specialized in a particular commodity. These data are not directly comparable with the data on dollar volume for 1950-51 and later years. Furthermore, these earlier figures on dollar volume were at a level somewhere between net and gross amounts as now published.

Table 1.--Estimated business of marketing, farm supply, and related service cooperatives, 1950-51 to 1962-63

Period ¹	Gross value (includes intercooperative business)				Net value (excludes intercooperative business)			
	Farm products	Farm supplies	Services	Total	Farm products	Farm supplies	Services	Total
	<u>\$1,000</u>				<u>\$1,000</u>			
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 ²	13,893,463	4,145,263	303,281	18,342,007	10,834,165	2,704,400	303,281	13,841,846
	<u>Percent</u>				<u>Percent</u>			
1950-51	75.9	23.2	0.9	100.0	78.1	20.7	1.2	100.0
1951-52	76.3	22.8	.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 ²	75.7	22.6	1.7	100.0	78.3	19.5	2.2	100.0

¹ For years prior to 1950-51, see appendix table 7. Data for prior years are not entirely comparable as the result of revisions made in statistical procedures in 1950-51.

² Preliminary.

An estimated 70.7 percent of the 8,907 cooperatives in the survey, or 6,295 cooperatives, marketed all types of farm products in 1962-63 (table 2). They were 5,481 cooperatives that primarily marketed farm products; 797 cooperatives that primarily handled farm supplies for their patrons; and 17 service cooperatives that primarily performed the trucking, storage, or other services related to marketing farm products or purchasing farm supplies. Twenty-one marketing cooperatives that were either newly organized or temporarily inactive are not included in this total.

Farm supplies were handled by 6,921 cooperatives in 1962-63. These organizations represented 77.7 percent of the total number of cooperatives in the survey. They included 3,209 associations that primarily handled farm supplies for their patrons and 3,633 marketing and 79 service associations that handled farm supplies as a sideline activity. This total does not include 2 farm supply cooperatives that were newly organized, but not yet in operation at the time of the survey.

In 1962-63, a total of 5,412 cooperatives of all types, or 60.8 percent, performed one

Table 2. - Estimated business in specified commodity and service groups of marketing, farm supply, and related service cooperatives, 1962-63¹

Item	Cooperatives handling		Gross business (includes intercooperative business)		Net business (excludes intercooperative business)	
	Number	Percent of total cooperatives ²	Amount	Percent	Amount	Percent
			<u>\$1,000</u>		<u>\$1,000</u>	
Products marketed for patrons:						
Beans and peas (dry edible)	69	0.8	40,200	0.2	29,578	0.2
Cotton and cotton products	560	6.3	811,062	4.4	700,604	5.1
Dairy products	1,490	16.7	4,524,833	24.7	3,498,652	25.3
Fruits and vegetables	640	7.2	1,472,308	8.0	1,054,609	7.6
Grain, soybeans, and soybean meal and oil	2,647	29.7	3,621,924	19.8	2,368,004	17.1
Livestock and livestock products	507	5.7	1,717,063	9.4	1,609,171	11.6
Nuts	98	1.1	133,330	.7	122,850	.9
Poultry products	479	5.4	504,074	2.8	420,120	3.0
Rice	60	.7	243,695	1.3	207,348	1.5
Sugar products	66	.7	425,695	2.3	425,695	3.1
Tobacco	30	.3	313,839	1.7	313,839	2.3
Wool and mohair	253	2.8	23,406	.1	23,182	.2
Miscellaneous ³	189	2.1	62,034	.3	60,513	.4
Total farm products	⁴ 6,295	70.7	13,893,463	75.7	10,834,165	78.3
Supplies purchased for patrons:						
Building materials	1,577	17.7	146,423	.8	99,485	.7
Containers and packaging supplies	1,132	12.7	58,258	.3	31,050	.2
Farm machinery and equipment	1,781	20.0	105,580	.6	75,923	.5
Feed	4,373	49.1	1,371,256	7.5	993,847	7.2
Fertilizer	4,361	49.0	753,396	4.1	429,504	3.1
Meats and groceries	800	9.0	69,035	.4	54,807	.4
Petroleum products	2,782	31.2	1,016,618	5.5	634,246	4.6
Seed	3,915	44.0	162,089	.9	112,635	.8
Sprays and dusts (farm chemicals)	3,089	34.7	96,445	.5	64,714	.5
Miscellaneous	4,652	52.2	366,163	2.0	208,189	1.5
Total farm supplies	⁴ 6,921	77.7	4,145,263	22.6	2,704,400	19.5
Receipts for services:						
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous	⁴ 5,412	60.8	⁵ 303,281	1.7	⁵ 303,281	2.2
Total business	⁴ 8,907	100.0	18,342,007	100.0	13,841,846	100.0

¹ Preliminary.

² Number of cooperatives handling each commodity group is computed as a percentage of the total number of 8,907 cooperatives listed.

³ Includes coffee, forest products, fur pelts, hay, 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 Charges for services in which no duplication occurs.

or more services related to farm product marketing or farm supply purchasing. These cooperatives consisted of 194 cooperatives primarily performing service activities, such as trucking, storage, drying, and similar services; 1,648 farm supply cooperatives; and 3,570 marketing cooperatives including cotton ginning, livestock trucking, and rice and fruit drying cooperatives.

Sixty-six percent of all marketing cooperatives handled one or more types of production supplies in 1962-63 and 65 percent furnished specialized services, such as cotton ginning and livestock trucking; or general services, such as storage, grinding, and trucking for their patrons (table 3).

Farm products were marketed by 25 percent of the farm supply cooperatives and 51 percent performed various services for their patrons. An estimated 9 percent of service cooperatives marketed farm products for their patrons and 41 percent handled farm supplies in 1962-63.

Local and Regional Volumes

Local cooperatives accounted for more than \$4.7 billion of the net value of farm products

marketed in 1962-63, or 43.7 percent of the total. Regional cooperatives accounted for more than \$6.1 billion of the total net value, or 56.3 percent. Table 4 shows the estimated business of specified groups of farm products marketed by regional and local cooperatives.

Local cooperatives accounted for a major portion of the total net volume in the following commodity groups: Fruits and vegetables, 55.0 percent; grain, soybeans, and soybean products, 88.2 percent; and miscellaneous farm products, 92.1 percent.

Of the total gross marketing volume of \$13.9 billion, 22 percent, or almost \$3.1 billion, represented the value of marketing business done between cooperatives.

A similar breakdown on the value of types of supplies handled by local and regional cooperatives is shown in table 5. Local cooperatives accounted for almost \$2.1 billion, or 76.4 percent, of the total net supply volume. Regional cooperatives accounted for the remaining 23.6 percent, or \$637.7 million.

Intercooperative supply business amounted to more than \$1.4 billion, representing 34.8 percent of the total gross supply volume of \$4.1 billion.

Table 3.--Estimated percentage of farmer cooperatives performing marketing, farm supply, or service activities in addition to major function, 1953-54 to 1962-63

Type of cooperative	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63
Percent Marketing farm products										
Farm supply	23	22	21	22	22	24	25	26	25	25
Service	9	15	10	7	8	6	4	5	15	9
Percent handling farm supplies										
Marketing	58	60	62	63	63	65	65	65	66	66
Service	39	44	41	45	45	45	43	44	44	41
Percent Performing services										
Marketing ¹	49	52	57	59	62	62	63	64	64	65
Farm supply	32	38	40	42	44	49	51	53	53	51

¹ Includes cotton ginning and livestock trucking cooperatives.

Table 4.--Estimated marketing business of local and regional cooperatives, by specified commodity groups, 1962-63¹

Farm products marketed for patrons	Local	Regional		Total		
		Gross (includes intercooperative business)	Net (excludes intercooperative business)	Gross (includes intercooperative business)	Net (excludes intercooperative business)	
		\$1,000				
Beans and peas (dry edible)	13,605	26,595	15,973	40,200	29,578	
Cotton and cotton products	213,778	597,284	486,826	811,062	700,604	
Dairy products	1,318,923	3,205,910	2,179,729	4,524,833	3,498,652	
Fruits and vegetables	579,942	892,366	474,667	1,472,308	1,054,609	
Grain, soybeans, and soybean meal and oil	2,088,724	1,533,200	279,280	3,621,924	2,368,004	
Livestock and livestock products	188,931	1,528,132	1,420,240	1,717,063	1,609,171	
Nuts	12,109	121,221	110,741	133,330	122,850	
Poultry products	194,021	310,053	226,099	504,074	420,120	
Rice	60,311	183,384	147,037	243,695	207,348	
Sugar products	-	425,695	425,695	425,695	425,695	
Tobacco	-	313,839	313,839	313,839	313,839	
Wool and mohair	5,499	17,907	17,683	23,406	23,182	
Miscellaneous	55,735	6,299	4,778	62,034	60,513	
Total marketing	4,731,578	9,161,885	6,102,587	13,893,463	10,834,165	

¹ Preliminary.

Geographic Areas

The amount and proportion of total net business volume handled by farmer cooperatives in each State in 1962-63 is shown in table 6. California remained in first place in the net value of the combined volume of farm products marketed, farm supplies purchased, and services performed for patrons, with over \$1.5 billion, representing 11.0 percent of total net business.

Minnesota ranked second with a net business volume of \$921.4 million, or 6.7 percent of the total. Iowa was in third place with a net business of \$830.9 million, representing 6.0 percent of the total.

The 5 highest ranking States in net business volume handled, California, Minnesota, Iowa, Illinois, and Wisconsin, accounted for over a third of the total, or 34.5 percent. The top 10 States in volume of net business which included in addition to those above, Texas, Ohio, New York, Kansas, and Indiana, handled over half the total net business, or 55.9 percent.

Figure 2 shows the States arranged in geographic regions. The upper midsection of the United States dominates in the volume of total net business handled. The East North Central area accounted for 22 percent, and the West North Central area for 26 percent of the total.

Table 5.--Estimated supply business of local and regional cooperatives, by specified commodity groups, 1962-63¹

Supplies purchased for patrons	Local	Regional		Total		
		Gross (includes intercooperative business)	Net (excludes intercooperative business)	Gross (includes intercooperative business)	Net (excludes intercooperative business)	
		\$1,000				
Building materials	68,443	77,980	31,042	146,423	99,485	
Containers and packaging supplies	24,711	33,547	6,339	58,258	31,050	
Farm machinery and equipment	61,924	43,656	13,999	105,580	75,923	
Feed	700,752	670,504	293,095	1,371,256	993,847	
Fertilizer	313,399	439,997	116,105	753,396	429,504	
Meats and groceries	51,708	17,327	3,099	69,035	54,807	
Petroleum products	546,406	470,212	87,840	1,016,618	634,246	
Seed	87,011	75,078	25,624	162,089	112,635	
Sprays and dusts (farm chemicals)	51,063	45,382	13,651	96,445	64,714	
Miscellaneous supplies	161,288	204,875	46,901	366,163	208,189	
Total farm supplies	2,066,705	2,078,558	637,695	4,145,263	2,704,400	

¹ Preliminary.

Fig. 2 Proportion of Total Business Volume Originating in Each Geographic Division, 1962-63

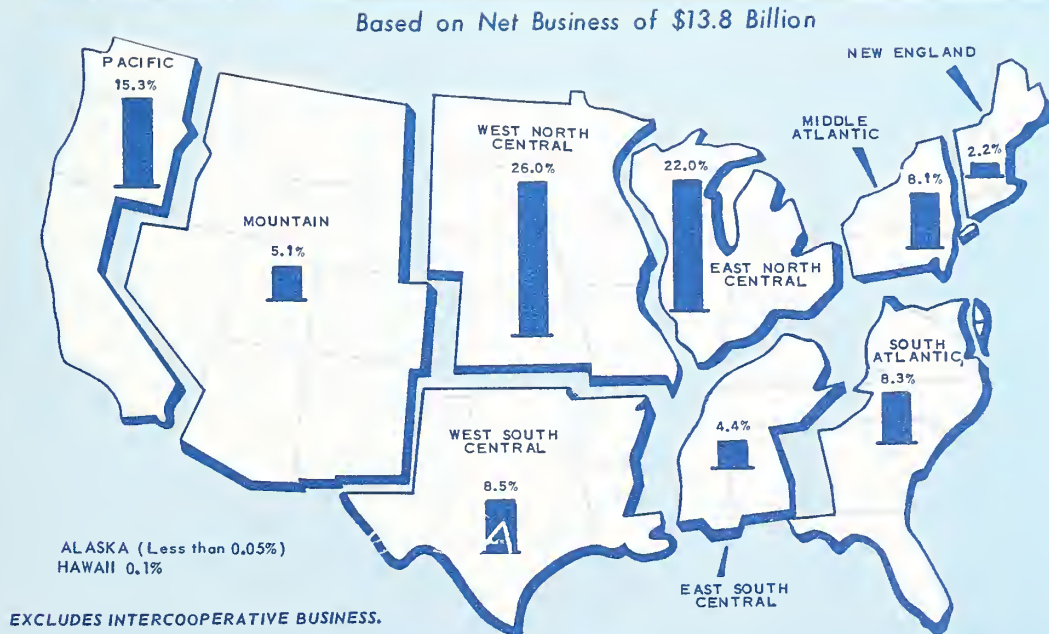


Table 6.--States ranked according to percentage of total net business handled by cooperatives, 1962-63¹

Rank and State	Net business (excludes intercooperative business)	
	Amount \$1,000	Percent
1 California	1,520,454	11.0
2 Minnesota	921,447	6.7
3 Iowa	830,949	6.0
4 Illinois	765,808	5.5
5 Wisconsin	730,741	5.3
6 Texas	655,228	4.7
7 Ohio	648,540	4.7
8 New York	645,927	4.7
9 Kansas	513,232	3.7
10 Indiana	496,311	3.6
11 Michigan	397,887	2.9
12 Nebraska	386,166	2.8
13 Washington	376,732	2.7
14 Pennsylvania	372,065	2.7
15 Missouri	369,154	2.7
16 North Dakota	359,542	2.6
17 Florida	276,524	2.0
18 North Carolina	272,445	2.0
19 Mississippi	265,945	1.9
20 Oklahoma	239,875	1.7
21 Oregon	223,944	1.6
22 South Dakota	220,117	1.6
23 Virginia	219,023	1.6
24 Arkansas	201,105	1.4
25 Colorado	171,064	1.2
26 Georgia	156,144	1.1
27 Idaho	142,272	1.0
28 Kentucky	140,504	1.0
29 Montana	121,247	.9
30 Maryland	117,142	.8
31 Tennessee	113,554	.8
32 Arizona	107,422	.8
33 Utah	98,134	.7
34 New Jersey	97,786	.7
35 Alabama	91,492	.7
36 Vermont	91,210	.7
37 Louisiana	81,294	.6
38 Massachusetts	72,544	.5
39 South Carolina	59,813	.4
40 Connecticut	56,407	.4
41 Maine	50,774	.4
42 New Mexico	37,759	.3
43 West Virginia	37,129	.3
44 New Hampshire	22,172	.2
45 Wyoming	17,926	.1
46 Delaware	15,273	.1
47 Hawaii	12,684	.1
48 Rhode Island	10,479	.1
49 Alaska	5,300	(2)
50 Nevada	5,160	(2)
Total	13,841,846	100.0

¹ States are listed in alphabetic order in appendix table 3.

² Less than 0.05 percent.

SUPPLY VOLUME

Data were collected in 1962-63 on 10 major categories of farm supplies sold by farmer cooperatives. These categories were building materials, containers and packaging supplies, farm machinery and equipment, feed, fertilizer, meats and groceries, petroleum products, seed, sprays and dusts (farm chemicals), and miscellaneous supplies.

An estimated 6,921 cooperatives of all types handled one or more of these supplies in 1962-63. Their gross sales amounted to more than \$4.1 billion (tables 1, 2, and 35). These sales represented the value of supplies handled by local and regional cooperatives, including business done between cooperatives.

Net value of supplies handled by farmer cooperatives amounted to \$2.7 billion. This net volume, the amount remaining after duplication arising from interassociation business was eliminated, did not include the value at manufacturing or wholesale level of supplies purchased by other cooperatives from regional associations.

The net business of \$2.7 billion, or 65.2 percent of the gross volume, represented business done directly with individual patrons. The interassociation business of \$1.4 billion accounted for 34.8 percent of the gross volume and represented the value at manufacturing or wholesale level of all types of supplies purchased by cooperatives from regional associations.

In 1962-63, interassociation business of 34.8 percent in farm supplies compared with 22.0 percent for all farm products marketed. This business gave some indication of the extent to which local cooperatives have united in federated organizations to obtain more favorable prices and to control quality when purchasing their farm production supplies. While it reflected the effect of integration, it was not a measure of the extent of integration that has occurred within regional cooperatives. It did, however, include the business volume of separate manufacturing federations organized by regional cooperatives to assist in providing the type and quality of production supplies required by farmer patrons.

Operations of regional farm supply cooperatives vary. The primary function of a few cooperatives is manufacturing supplies; many engage in both manufacturing and wholesaling; others, wholesaling and retailing; and some, distributing supplies through independent dealer agents and farmer order takers and direct to large producers. In some transactions the price level is neither strictly wholesale nor retail.

Because of the complexity in the operations of many of these regional cooperatives, it is not practical to present separate tabulations in this report on the manufacturing, wholesale, or retail volume of the various supplies handled.

Included in the total of 6,921 cooperatives handling farm supplies were 3,209 supply cooperatives, 3,633 marketing cooperatives, and 79 service cooperatives.¹ On a percentage basis, this represented 66 percent of the marketing cooperatives and 41 percent of the service cooperatives. These percentages compared with 66 and 44 percent, respectively, in the previous year (table 3).

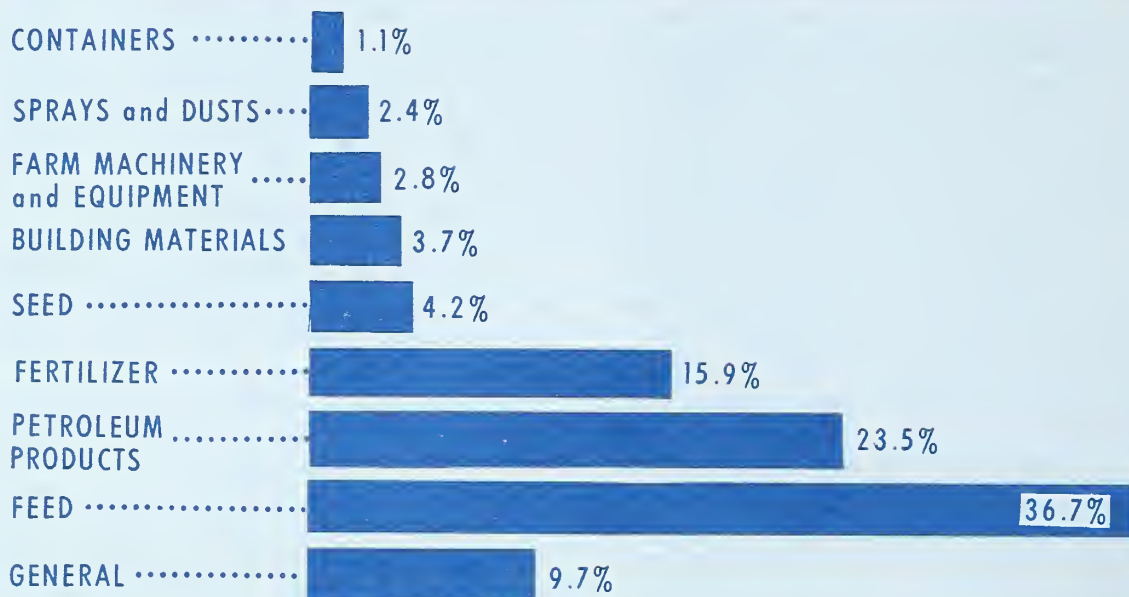
The 3,209 supply cooperatives handled a gross volume of almost \$3.3 billion in 1962-63. Their net supply business amounted to more than \$2.0 billion, or 74.1 percent of the total net value of supplies handled by all types of farmer cooperatives.

The major supply items, in net dollar volume amounts, ranked as follows: Feed, \$993.8 million; petroleum products, \$634.2 million; fertilizer, \$429.5 million; seed, \$112.6 million; building materials, \$99.5 million; farm machinery and equipment, \$75.9 million; sprays and dusts, \$64.7 million; meats and groceries, \$54.8 million; containers and packaging supplies, \$31.1 million; and miscellaneous supplies, \$208.2 million. Figure 3 shows the relative importance of these major categories of farm supplies.

The gross value of all types of farm supplies handled by farmer cooperatives increased

¹ Does not include 2 newly organized supply cooperatives.

FIG. 3 **Relative Importance of Major Farm Supplies Purchased by Cooperative Patrons, 1962-63**



Based on net business of \$2.7 billion.

over the previous year by 5.9 percent and the net value by 5.6 percent.

Iowa ranked first in net value of farm supplies handled by cooperatives in 1962-63 with \$205.9 million, or 7.6 percent of the total (table 7). The 10 States leading in net value of farm supplies handled by cooperatives together accounted for 52.7 percent of the total net business.

Gross and net values of farm supplies by supply group are shown in tables 2 and 33. Table 2 presents gross and net amounts and proportions for 1962-63, with proportions computed as a percent of total net business volume (includes marketing, purchasing, and related service activities). Table 33 presents a time series of gross and net dollar volumes, grouped by supply type, for the period extending from 1950-51 to 1962-63. A time series of total gross and net values of farm supplies

purchased for patrons is shown for the same period in table 1.

Classification by type of supply, regional area, and State in table 35 further refines the presentation of gross and net purchasing volumes. This table also indicates the number of cooperatives handling a particular supply item in each State.

Feed

Feed, including feed grains and hay, continued to lead in dollar value of all supply items handled by cooperatives. It was handled by a total of 4,373 cooperatives and had a gross value of almost \$1.4 billion.

Purchases of feed made directly by individual patrons amounted to \$993.8 million (fig. 4) in net value and accounted for 72.5

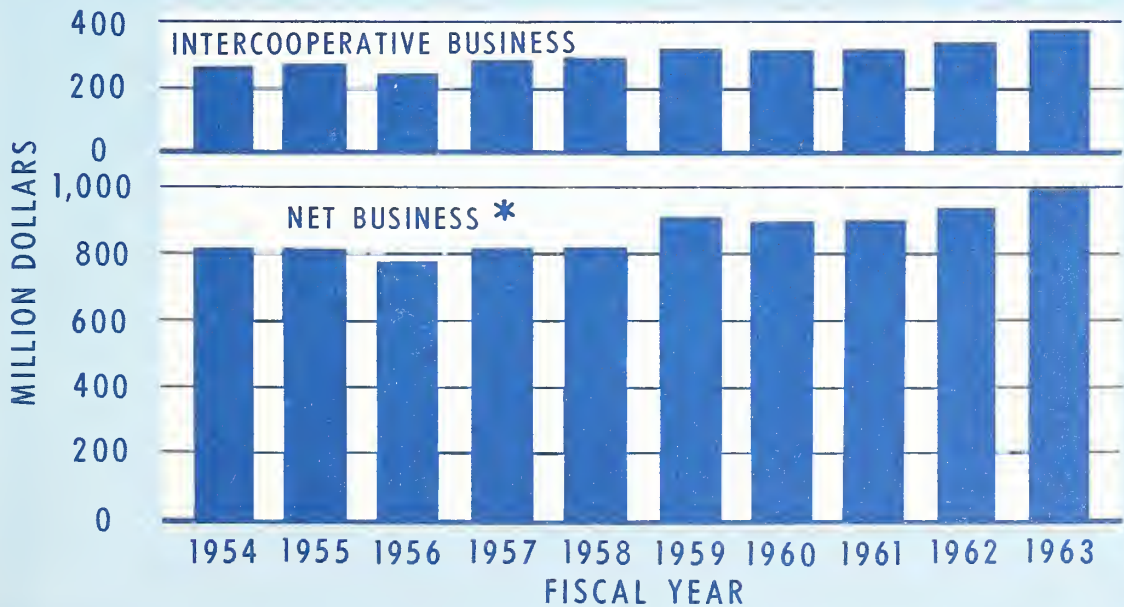
Table 7.--Estimated net value of farm supplies handled by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Farm supplies handled ²		Rank	
	Net value	Percent	1962-63	1953-54
	\$1,000			
Iowa	205,931	7.6	1	3
Minnesota	168,628	6.2	2	4
New York	166,559	6.2	3	1
Illinois	154,985	5.7	4	2
Wisconsin	142,079	5.3	5	8
Kansas	125,432	4.6	6	13
Indiana	119,848	4.4	7	6
Missouri	118,502	4.4	8	9
California	114,903	4.3	9	10
Ohio	109,270	4.0	10	5
Others	1,278,263	47.3	-	-
Total	2,704,400	100.0	-	-

¹ Excludes intercooperative business.

² Preliminary.

FIG. 4
Feed



* Excludes intercooperative business.

percent of the gross volume. The interassociation business, representing the value at manufacturing or wholesale level of feed purchased by other cooperatives from regional cooperatives, amounted to \$337.4 million, or 27.5 percent of the gross volume.

The gross value of feed handled by farmer cooperatives increased 7.0 percent and net value 6.2 percent compared with the previous year.

A total of 1,958 farm supply cooperatives had gross sales of \$1.0 billion. Net sales, after duplication resulting from interassociation business was eliminated, amounted to \$711.8 million and accounted for 71.6 percent of the net value of feed handled by all cooperatives in 1962-63.

Other types of cooperatives handled feed as a sideline. These cooperatives, ranked according to their net feed sales were: 1,739 grain associations with net sales of almost \$209.5 million; 426 dairy associations with net sales of \$36.2 million; 168 cotton associations with net sales of \$12.1 million; 25 poultry associations with net sales of \$8.6 million; 4 miscellaneous marketing associations with net sales of \$7.3 million; and 27 livestock associations with net sales of \$6.6 million.

The remaining sales, amounting in net value to almost \$1.8 million, were made by 6 dry bean and pea associations, 11 fruit and vegetable associations, 1 nut association, 4 rice associations, 2 tobacco associations, 1 wool association, and 1 service association.

New York, California, and Iowa, the three leading States in net value of feed handled by cooperatives, together accounted for slightly more than a fourth, or 25.2 percent, of the total net feed volume in 1962-63 (table 8). The 10 leading States in 1962-63 handled more than half, or 56.8 percent, of the total. Comparison of the ranks held by the 10 leading States in 1962-63 with those held 10 years previous, in 1953-54, shows a noticeable up-ranking among several States concentrated in the North Central area of the United States. Kansas moved from 18th to 10th position during the 10-year period, Wisconsin moved from 11th to 8th, Minnesota moved from 10th to 6th, and Iowa moved from 7th to 3d position.

Petroleum Products

Gross value of petroleum products handled by 2,782 cooperatives in 1962-63 totaled more

Table 8.--Estimated net value of feed handled by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	<u>\$1,000</u>			
New York	103,276	10.4	1	1
California	76,982	7.7	2	2
Iowa	71,005	7.1	3	7
Pennsylvania	54,275	5.5	4	3
Missouri	51,258	5.2	5	4
Minnesota	50,208	5.1	6	10
Illinois	43,574	4.4	7	6
Wisconsin	41,203	4.1	8	11
Ohio	36,377	3.7	9	8
Kansas	36,188	3.6	10	18
Others	429,501	43.2	-	-
Total	993,847	100.0	-	-

¹Excludes intercooperative business.

²Preliminary.

than \$1.0 billion (tables 2, 33, 35). These products were the second most important types of supplies handled by cooperatives.

After duplication resulting from inter-association business was eliminated, the net value of petroleum products handled by cooperatives amounted to more than \$634.2 million, representing 62.4 percent of the gross value (fig. 5). The remaining 37.6 percent, or \$382.4 million, of the gross value represented interassociation business, the value at manufacturing or wholesale level of petroleum products purchased by other cooperatives from regional associations.

Gross value of petroleum products handled by farmer cooperatives increased 2.0 percent and net value 1.5 percent, compared with a year earlier.

A total of 2,053 farm supply cooperatives had gross sales of petroleum products of

almost \$908.8 million. Net sales amounted to \$544.4 million and represented 85.8 percent of the total net sales of these products handled by all cooperatives.

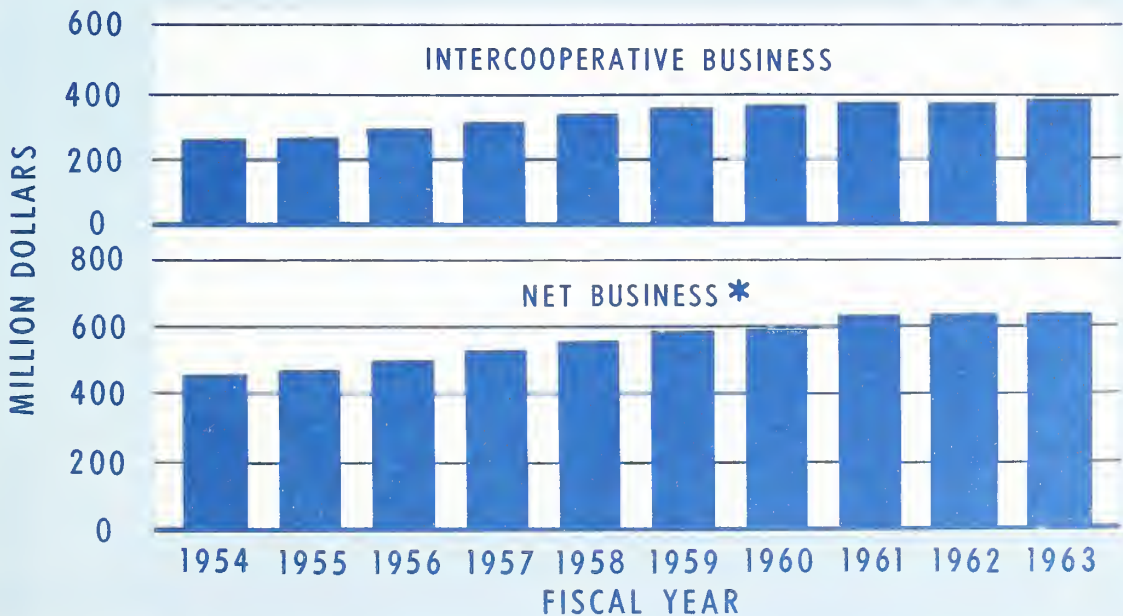
Among other types of cooperatives handling petroleum products as a sideline, grain cooperatives continued as most important with net petroleum sales of 570 associations valued at \$81.3 million. Fifty-five dairy cooperatives had net sales of almost \$3.9 million; 6 livestock associations of almost \$1.6 million; and 66 cotton associations of almost \$1.5 million.

The remaining sales, amounting to almost \$1.6 million, were made by 3 dry bean and pea associations, 24 fruit and vegetable associations, 3 poultry associations, 1 rice association, and 1 sugar products association.

The 3 leading States in net value of petroleum products handled by cooperatives, Iowa,

FIG. 5

Petroleum Products



* Excludes intercooperative business.

Minnesota, and Illinois, together accounted for more than a fourth, or 27.9 percent, of the total net volume in 1962-63 (table 9). The 10 leading States accounted for more than two-thirds, or 68.7 percent, of the total. Of the 10 leading States in sales of petroleum products in 1962-63, 9 had ranked among the top 10 in 1953-54. New York moved up from 12th place in 1953-54 to 10th place 10 years later.

Fertilizer

Fertilizer handled by 4,361 cooperatives in 1962-63 included anhydrous ammonia, rock phosphate, basic slag, and lime. It had a gross value of almost \$753.4 million and ranked third in the value of farm supplies handled by cooperatives (tables 2, 33, 35). The net volume, excluding intercooperative business, amounted to \$429.5 million (fig. 6). Net business, representing that done directly with individual patrons, amounted to 57.0 percent of the total gross value. Interassociation business, the value at manufacturing or wholesale level of fertilizer purchased by other cooperatives from regional associations, ac-

counted for the remaining 43.0 percent, or \$323.9 million.

Compared with 1961-62, gross value of fertilizer handled by farmer cooperatives increased 10.4 percent, and net value 10.9 percent.

Gross sales of fertilizer handled by 2,276 farm supply cooperatives in 1962-63 totaled \$602.1 million. Net sales, after business done between cooperatives was eliminated, amounted to \$305.0 million. This net volume represented 71.0 percent of the total net value of fertilizer handled by all cooperatives in 1962-63.

Cooperatives handling fertilizer as a side-line activity included 1,450 grain associations with a net volume of \$93.8 million; 195 fruit and vegetable associations with a net volume of \$9.5 million; 147 cotton associations with a net volume of \$8.7 million; and 214 dairy associations with a net volume of almost \$5.2 million.

The remaining fertilizer sales amounted to \$7.3 million. These sales were made by 6 dry bean and pea associations, 20 livestock associations, 8 nut associations, 7 poultry associations, 16 rice associations, 4 sugar products associations, 2 tobacco associations, 11

Table 9.--Estimated net value of petroleum products handled by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

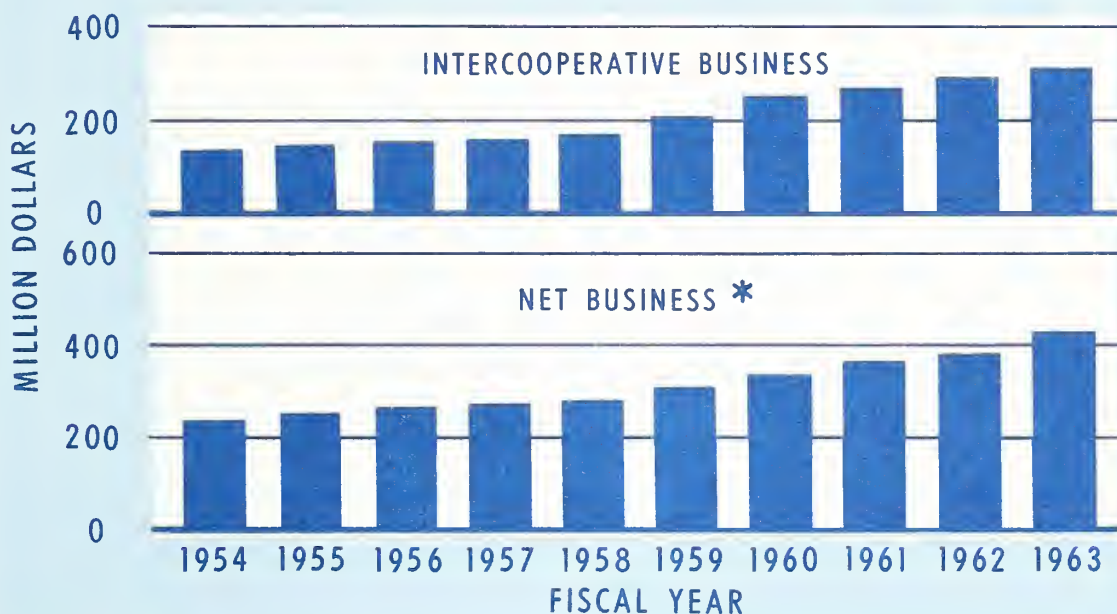
State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	\$1,000			
Iowa	63,492	10.0	1	3
Minnesota	58,660	9.3	2	2
Illinois	54,739	8.6	3	1
Kansas	46,840	7.4	4	7
Wisconsin	46,543	7.3	5	5
Nebraska	41,333	6.5	6	6
Indiana	39,410	6.2	7	4
South Dakota	31,067	4.9	8	9
North Dakota	28,036	4.4	9	8
New York	25,835	4.1	10	12
Others	198,291	31.3	-	-
Total	634,246	100.0	-	-

¹ Excludes intercooperative business.

² Preliminary.

**FIG.
6**

Fertilizer



* Excludes intercooperative business.

miscellaneous marketing associations, and 5 service associations.

Illinois lead all other States in net value of fertilizer handled by cooperatives in 1962-63. Mississippi and Iowa followed closely (table 10). States that made substantial gains in the rankings were Kansas, moving from 22d position in 1953-54 to 6th position 10 years later; and Nebraska, moving from 29th to 9th position during the same period.

Seed

In 1962-63, gross sales of seed for 3,915 cooperatives amounted to almost \$162.1 million (tables 2, 33, and 35). Seed ranked fourth in value of major supplies handled by cooperatives. Net sales, after interassociation business was deducted, totaled \$112.6 million.

These net sales, representing direct purchases by individual patrons, accounted for 69.5 percent of gross sales. Interassociation business accounted for the remaining 30.5 percent, or almost \$49.5 million.

Compared with 1961-62, gross value of seed handled by farmer cooperatives increased 13.3 percent and net value, 11.6 percent.

A total of 1,829 farm supply cooperatives handled seed in 1962-63. Their gross sales totaled almost \$118.5 million. Net sales of these cooperatives amounted to \$74.3 million and represented 66.0 percent of the net value of seed handled by all types of cooperatives.

Among other types of cooperatives handling seed as a sideline, grain cooperatives were most important. Net sales of 1,479 grain associations were almost \$28.6 million. A total of 292 cotton associations had net sales of seed amounting to \$4.4 million; 187 dairy

Table 10.--Estimated net value of fertilizer handled by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	<u>\$1,000</u>			
Illinois	31,797	7.4	1	1
Mississippi	31,671	7.4	2	3
Iowa	31,246	7.3	3	4
Minnesota	20,789	4.8	4	9
Indiana	20,439	4.8	5	2
Kansas	18,687	4.3	6	22
Missouri	18,570	4.3	7	7
Ohio	17,473	4.1	8	5
Nebraska	16,492	3.8	9	29
California	14,922	3.5	10	15
Others	207,418	48.3	-	-
Total	429,504	100.0	-	-

¹ Excludes intercooperative business.

² Preliminary.

associations had net sales of almost \$1.7 million; and 73 fruit and vegetable associations had net sales of \$1.5 million.

The remaining net sales of \$2.1 million were made by 7 dry bean and pea associations, 20 livestock associations, 2 nut associations, 6 poultry associations, 5 rice associations, 2 tobacco associations, 8 miscellaneous marketing associations, and 5 service associations.

Illinois, Iowa, and Ohio ranked as the 3 leading States in the net value of seed handled by cooperatives in 1962-63 (table 11). The 10 ranking States accounted for 51.1 percent of the total net volume of seed. Tennessee and Texas made considerable gain in net sales of seed. Tennessee moved from 13th position in 1953-54 to 7th position in 1962-63, and Texas moved from 17th to 8th position during the same period.

Building Materials

A total of 1,577 cooperatives handled building materials in 1962-63. Their gross sales amounted to \$146.4 million (tables 2, 33, and 35). Net sales, after deducting interassociation business, amounted to \$99.5 million and accounted for 67.9 percent of gross value.

Interassociation business, or the value at manufacturing or wholesale level of building materials purchased by other cooperatives from regional associations, amounted to \$46.9 million, or 32.1 percent of the gross value.

From 1961-62 to 1962-63, gross value of building materials handled by cooperatives increased 2.2 percent and net value increased 4.2 percent.

Building materials handled by 1,046 farm supply cooperatives had a gross value of \$109.6 million. Their net volume amounted to \$69.9 million. This represented 70.3 percent of the net value of these materials handled by all cooperatives.

Other types of farmer cooperatives also handled building materials. A total of 478 grain cooperatives had net sales of almost \$26.6 million; 11 livestock associations, \$1.4 million; and 18 dairy associations, almost \$930,000. The remaining net sales of building materials of almost \$624,000 were made by 1 dry bean and pea association, 10 cotton associations, 7 fruit and vegetable associations, 1 nut association, 2 poultry associations, 2 rice associations, and 1 miscellaneous marketing association.

Iowa and Indiana ranked 1st and 2d in net value of building materials handled by

Table 11.--Estimated net value of seed handled by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	<u>\$1,000</u>			
Illinois	7,793	6.9	1	1
Iowa	6,915	6.2	2	3
Ohio	6,843	6.1	3	4
Missouri	5,981	5.3	4	2
Minnesota	5,634	5.0	5	7
New York	5,220	4.6	6	5
Tennessee	4,991	4.4	7	13
Texas	4,875	4.3	8	17
Virginia	4,850	4.3	9	9
Pennsylvania	4,438	4.0	10	6
Others	55,095	48.9	-	-
Total	112,635	100.0	-	-

¹Excludes intercooperative business.

²Preliminary.

cooperatives in 1962-63 (table 12). Together, they accounted for 30.0 percent of the total net volume. Of the 10 ranking States in 1962-63, 8 had also ranked among the top 10 in 1953-54. California showed the most substantial up-ranking during the period, moving from 20th to 3d.

Farm Machinery and Other Equipment

Farm machinery and other equipment with a gross value of almost \$105.6 million was handled by 1,781 cooperatives in 1962-63 (tables 2, 33, 35). Other equipment includes dairy and poultry equipment, water systems, irrigation pumps and pipe, and similar equipment used in farm production.

The net value of these supplies handled by farmer cooperatives in 1962-63, excluding intercooperative business, amounted to \$75.9 million, or 71 percent of gross value.

Interassociation business, representing the value at manufacturing or wholesale level of farm machinery and other equipment purchased by other cooperatives from regional cooperatives, accounted for \$29.7 million, or 28.1 percent of the gross volume. Net value, representing purchases made directly by individual

patrons, amounted to 71.9 percent of the gross volume. Both gross and net volumes increased slightly from the previous year by 0.1 and 1.1 percent, respectively.

Gross volume of farm machinery and other equipment handled by 1,208 farm supply cooperatives amounted to almost \$80.3 million. Net sales amounted to \$52.0 million and represented 68.5 percent of the total net value of farm machinery and other equipment handled by all cooperatives in 1962-63.

Farm machinery and other equipment handled by 573 cooperatives of other types amounted in net value to almost \$23.9 million. A total of 329 grain cooperatives handled farm machinery and other equipment with a net value of almost \$15.3 million. Ranking next in importance were 125 dairy cooperatives with a net volume of \$4.8 million.

The remaining sales of farm machinery and other equipment made by other types of cooperatives had a net value of more than \$3.8 million and were reported by 57 cotton associations; 36 fruit and vegetable associations; 5 livestock associations; 5 poultry associations; 4 miscellaneous marketing associations; 3 dry bean and pea associations; 2 each of rice, nut, and sugar products associations; and 1 each of tobacco, wool, and service associations.

Table 12.--Estimated net value of building materials handled by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	\$1,000			
Iowa	18,470	18.6	1	1
Indiana	11,297	11.4	2	2
California	7,012	7.0	3	20
North Dakota	6,384	6.4	4	5
Minnesota	5,506	5.5	5	6
Illinois	5,433	5.5	6	4
Michigan	4,822	4.8	7	8
New York	4,820	4.8	8	12
Ohio	4,426	4.5	9	3
Nebraska	4,159	4.2	10	7
Others	27,156	27.3	-	-
Total	99,485	100.0	-	-

¹ Excludes intercooperative business.

² Preliminary.

Wisconsin, New York and Ohio ranked 1st, 2d, and 3d, respectively, in net value of farm machinery and other equipment handled by cooperatives in 1962-63 (table 13). The 10 leading States accounted for 60.2 percent of the total net volume of these supplies purchased. Nine of the 10 States leading in the purchase of farm machinery and equipment in 1962-63 also ranked among the leading 10 in 1953-54. Illinois advanced from 11th to 10th position during the period.

Sprays and Dusts (Farm Chemicals)

The gross value of sprays and dusts (farm chemicals) handled by 3,089 cooperatives in 1962-63 was more than \$96.4 million (tables 2, 33, 35).

Net value, excluding intercooperative business, amounted to \$64.7 million and represented 67.1 percent of the total gross value. The interassociation business, representing the value at manufacturing or wholesale level of sprays and dusts (farm chemicals) purchased by other cooperatives from regional cooperatives, amounted to \$31.7 million, or 32.9 percent of the total gross value.

Gross value of sprays and dusts (farm chemicals) handled by farmer cooperatives increased 4.8 percent and net value increased 3.8 percent, compared with 1961-62.

The gross volume of sprays and dusts (farm chemicals) handled by 1,682 farm supply cooperatives amounted to \$68.6 million. The net value, representing 63.0 percent of the total net value of these supplies handled by all types of cooperatives, amounted to almost \$40.8 million.

Other types of cooperatives also handled sprays and dusts as a sideline. Their net sales for these chemicals were as follows: 190 fruit and vegetable associations, almost \$9.2 million; 799 grain associations, \$7.3 million; 186 cotton associations, almost \$4.9 million; 170 dairy associations, more than \$974,000; and 6 rice associations, more than \$483,000.

The remaining net sales of sprays and dusts (farm chemicals) amounted to almost \$1.1 million and were made by 4 dry bean and pea associations, 10 livestock associations, 7 nut associations, 4 poultry associations, 2 sugar products associations, 8 wool associations, 15 miscellaneous marketing associations, and 6 service associations.

Table 13.--Estimated net value of farm machinery and equipment handled by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	<u>\$1,000</u>			
Wisconsin	6,586	8.7	1	4
New York	6,189	8.2	2	7
Ohio	5,403	7.1	3	1
Indiana	5,111	6.7	4	3
Nebraska	4,432	5.8	5	9
Minnesota	4,337	5.7	6	5
Oregon	3,881	5.1	7	6
Washington	3,588	4.7	8	8
Pennsylvania	3,241	4.3	9	10
Illinois	2,932	3.9	10	11
Others	30,223	39.8	-	-
Total	75,923	100.0	-	-

¹Excludes intercooperative business.

²Preliminary.

The 3 leading States in net value of sprays and dusts (farm chemicals) handled by cooperatives, Mississippi, Washington, and California, together accounted for more than a fourth, or 25.7 percent, of the total net volume (table 14). The 10 top ranking States accounted for more than half, or 54.9 percent, of the total net volume of these supplies handled by cooperatives. Considerable shifts in rank position had occurred for some States when compared to the period 10 years previous. In 1962-63, Texas ranked 5th, moving up from 12th place in 1953-54. During the same period, Ohio moved from 17th to 8th position and Iowa from 14th to 9th position.

Meats and Groceries

In 1962-63, 800 cooperatives handled meats and groceries having a gross value of \$69.0 million (tables 2, 33, 35). After eliminating the value of interassociation business, net value amounted to \$54.8 million and represented 79.4 percent of the gross value. The remaining 20.6 percent of the gross value represented interassociation business of \$14.2 million, the value of meats and groceries

purchased from regional cooperatives by other associations.

Gross value of meats and groceries handled by farmer cooperatives increased 0.2 percent, and net value decreased almost 0.5 percent, compared with 1961-62. The increase in gross business accompanied by a decrease in net business was due to a greater amount of intercooperative business.

Gross sales of meats and groceries by 336 farm supply cooperatives amounted to \$58.7 million. Their net sales amounted to \$44.5 million and represented 81.2 percent of the net value of meats and groceries handled by all types of farmer cooperatives.

A total of 464 cooperatives of other types handled meats and groceries as a sideline activity. Net value of these items amounted to almost \$10.3 million. Included were 338 dairy associations handling meats and groceries with a net value of almost \$4.5 million. Dairy products, such as cheese, butter, and ice cream, are purchased for their patrons by many dairy cooperatives. These products are not processed by the cooperatives as part of their operations. They are purchased at wholesale for retail sale to patrons.

Table 14.--Estimated net value of sprays and dusts (farm chemicals) handled by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	<u>\$1,000</u>			
Mississippi	6,999	10.8	1	4
Washington	5,248	8.1	2	1
California	4,429	6.8	3	3
Florida	3,736	5.8	4	5
Texas	3,327	5.1	5	12
Illinois	2,840	4.4	6	9
Pennsylvania	2,753	4.3	7	6
Ohio	2,198	3.4	8	17
Iowa	2,157	3.3	9	14
Michigan	1,858	2.9	10	8
Others	29,169	45.1	-	-
Total	64,714	100.0	-	-

¹ Excludes intercooperative business.

² Preliminary.

Grain cooperatives also handled a large volume of meats and groceries in 1962-63, with 62 associations handling a net volume amounting to almost \$3.6 million. Fifty-two service cooperatives had net sales of meats and groceries amounting to \$1.7 million. These service cooperatives were primarily locker plants.

Remaining sales of meats and groceries by other types of cooperatives had a net value of more than \$545,000 and were made by 2 cotton associations, 2 fruit and vegetable associations, 1 livestock association, and 7 poultry associations.

The 3 States leading in net value of meats and groceries handled by cooperatives, Missouri, Minnesota, and Wisconsin, accounted for 47.2 percent of the total net volume (table 15). Eighty-six percent of the total net volume of meats and groceries was handled by the 10 leading States. Of the 10 ranking States in 1962-63, 9 States had also occupied positions among the leading 10 States in 1953-54. Colorado, 9th ranking State in 1962-63, rose from 11th position held 10 years previous.

Containers and Packaging Supplies

Containers and packaging supplies were handled by 1,132 cooperatives in 1962-63. The gross value of this business amounted to almost \$58.3 million and net value, after duplication resulting from interassociation business was eliminated, amounted to almost \$31.1 million (tables 2, 33, 35).

Net volume represented 53.3 percent of the gross volume. Interassociation business of \$27.2 million, representing the value at wholesale or manufacturing level of containers and packaging supplies purchased from regional cooperatives, amounted to 46.7 percent of the gross volume. Packing boxes and cartons, paper and plastic bags, frozen food containers, and similar material used by local cooperative packinghouses or processing and locker plants in their own packing or processing operations comprised a large part of the interassociation volume.

Compared with 1961-62, gross value of containers and packaging supplies handled by farmer cooperatives decreased 3.1 percent,

Table 15.--Estimated net value of meats and groceries handled by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	<u>\$1,000</u>			
Missouri	10,560	19.3	1	2
Minnesota	8,537	15.6	2	1
Wisconsin	6,759	12.3	3	3
Nebraska	4,783	8.7	4	4
Kansas	4,586	8.4	5	5
Virginia	3,998	7.3	6	9
Michigan	3,025	5.5	7	6
North Dakota	2,885	5.3	8	7
Colorado	1,054	1.9	9	11
Iowa	959	1.7	10	10
Others	7,661	14.0	-	-
Total	54,807	100.0	-	-

¹ Excludes intercooperative business.

² Preliminary.

but net value increased 8.9 percent due to a smaller volume of intercooperative business.

Containers and packaging supplies handled by 370 farm supply cooperatives had a gross value of almost \$20.8 million and a net value amounting to \$3.4 million, representing almost 11.0 percent of the total net value of containers and packaging supplies handled by all types of cooperatives.

Among other types of cooperatives handling containers and packaging supplies as a sideline, 167 fruit and vegetable associations had net sales of this supply item amounting to almost \$13.9 million; 355 cotton associations had net sales of almost \$10.5 million; 19 poultry associations had net sales of \$1.1 million; and 86 dairy associations had net sales of more than \$622,000.

The remaining net sales of these materials amounted to almost \$1.6 million. They were made by 6 dry bean and pea associations, 49 grain associations, 10 rice associations, 2 sugar products associations, 14 wool associations, 11 miscellaneous marketing associations, and 43 service associations.

Table 16 shows Texas, Washington, and California as the 3 leading States in net value

of containers and packaging supplies handled by cooperatives in 1962-63. The 10 ranking States accounted for 78.2 percent of the total net sales.

Miscellaneous Supplies²

Plant equipment, automotive supplies, hardware, chicks, and other supplies not separately classified comprised the miscellaneous supplies category. These supplies were handled by 4,652 cooperatives in 1962-63 and had a gross value of almost \$366.2 million (tables 2, 33, 35).

After deductions were made for interassociation business, net value amounted to almost \$208.2 million and represented 56.9 percent of the gross value. The interassociation business of \$158.0 million amounted to 43.1 percent of the gross value and represented the value at manufacturing or wholesale level

² In addition to the miscellaneous farm supplies covered in this section of the report, cooperatives also purchased for their patrons stocker and feeder animals valued at almost \$411.0 million. See discussion on livestock and livestock products, page 27.

Table 16.--Estimated net value of containers and packaging supplies handled by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54 ¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	\$1,000			
Texas	8,194	26.4	1	3
Washington	4,141	13.3	2	2
California	2,840	9.1	3	1
Maine	2,482	8.0	4	6
Florida	1,425	4.6	5	4
New Jersey	1,356	4.4	6	5
Utah	1,086	3.5	7	32
Colorado	1,003	3.2	8	11
Michigan	987	3.2	9	9
Ohio	762	2.5	10	16
Others	6,774	21.8	-	-
Total	31,050	100.0	-	-

¹ Excludes intercooperative business.

² Preliminary.

of miscellaneous supplies purchased by other cooperatives.

Compared with the previous year, gross value of miscellaneous supplies handled by farmer cooperatives increased 7.0 percent, and net value increased 6.1 percent.

Miscellaneous farm supplies were handled by 2,414 farm supply cooperatives. Their gross sales of these items amounted to \$296.9 million and net sales, \$157.6 million, or 75.7 percent of the total.

Each of the marketing categories had cooperatives handling various quantities of miscellaneous supplies in 1962-63. Of particular importance were 1,349 grain associations with a net volume of almost \$29.4 million; 594 dairy associations with a net volume of \$12.8 million; 100 cotton associations with a net volume of \$3.8 million; and 108 fruit and vegetable associations with a net volume of \$2.3 million.

The remaining net sales, amounting to almost \$2.2 million, were made by 4 dry bean and pea associations, 24 livestock associations, 3 nut associations, 18 poultry associations, 4 rice associations, 4 sugar products associations, 1 tobacco association, 6 wool associations, 6 miscellaneous marketing associations, and 17 service associations.

Wisconsin, Virginia, and Minnesota ranked as the 3 leading States in net value of miscellaneous farm supplies handled by cooperatives. Together, these States accounted for 21.3 percent of the total net volume (table 17). The 10 ranking States handled slightly over half, or 50.2 percent, of the total net volume of miscellaneous farm supplies purchased by cooperatives. Among the leading 10 States in 1962-63, 6 States also ranked among the top 10 in 1953-54. North Dakota, Kansas, Kentucky, and Maryland rose in rank from 1953-54 to be among the leading States 10 years later.

Table 17.--Estimated net value of miscellaneous farm supplies handled by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	\$1,000			
Wisconsin	17,969	8.6	1	2
Virginia	13,411	6.5	2	5
Minnesota	12,813	6.2	3	3
Ohio	11,694	5.6	4	1
North Dakota	9,230	4.4	5	12
Kansas	8,934	4.3	6	13
Iowa	8,806	4.2	7	6
Indiana	8,149	3.9	8	4
Kentucky	6,744	3.3	9	19
Maryland	6,730	3.2	10	17
Others	103,709	49.8	-	-
Total	208,189	100.0	-	-

¹ Excludes intercooperative business. Miscellaneous farm supplies includes plant equipment, automotive supplies, hardware, chicks, and other supplies not separately classified.

² Preliminary.

MARKETING VOLUME

In 1962-63, 13 major categories of farm products having a combined gross value of almost \$13.9 billion were marketed by 6,295 cooperatives (tables 1, 2, 35). The net value for these farm products, excluding \$3.1 billion of interassociation business, amounted to more than \$10.8 billion. Sales made by terminal sales agencies for local cooperatives accounted for the interassociation business of \$3.1 billion. The \$10.8 billion was the value of all farm products marketed direct for individual patrons.

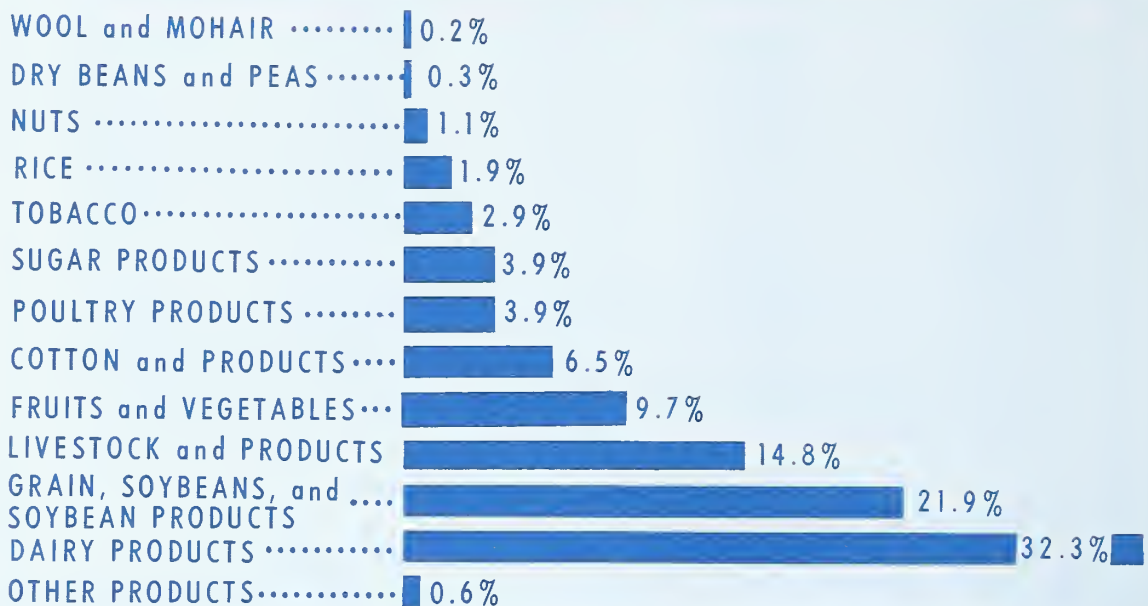
Dairy products continued to lead in the value of farm products marketed by cooperatives. These products accounted for 32.3 percent of the total net value of marketings in 1962-63

(fig. 7). The 5 leading commodity groups--dairy products; grain, soybeans, and soybeans products; livestock; fruits and vegetables; and cotton--accounted for 85.2 percent of the total net value of farm products marketed by cooperatives in the same period.

California ranked first with almost \$1.4 billion in net value of farm products marketed in 1962-63, or 12.7 percent of the total (table 18). The 10 States leading in value of farm products marketed by cooperatives together handled 57.1 percent of the total net business.

Gross and net values of farm products, classified by commodity group, are shown in tables 2 and 34. Table 2 presents gross and

FIG. 7 Relative Importance of Major Farm Products Marketed by Cooperatives, 1962-63



Based on net business of \$10.83 billion.

Table 18.--Estimated net value of farm products marketed by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Farm products marketed ²		Rank	
	Net value	Percent	1962-63	1953-54
	<u>\$1,000</u>			
California	1,374,372	12.7	1	1
Minnesota	735,199	6.8	2	3
Iowa	604,927	5.6	3	6
Illinois	601,810	5.5	4	2
Wisconsin	582,430	5.4	5	4
Texas	551,185	5.1	6	7
Ohio	530,130	4.9	7	5
New York	474,207	4.4	8	8
Indiana	369,830	3.4	9	9
Kansas	358,265	3.3	10	15
Others	4,651,810	42.9	-	-
Total	10,834,165	100.0	-	-

¹ Excludes intercooperative business.

² Preliminary.

net amounts and proportions for 1962-63, with proportions computed as a percent of total net business volume (includes marketing, purchasing, and related service activities). Table 34 presents a time series of gross and net dollar volumes, grouped by commodity, for the period extending from 1950-51 to 1962-63. A time series of total gross and net values of farm products marketed is shown for the same period in table 1.

Classification by commodity, regional area, and State in table 35 further refines the presentation of gross and net marketing volumes. This table also indicates the number of cooperatives handling a particular commodity in each State.

Dairy Products

Dairy products with a gross value of over \$4.5 billion (tables 2, 34, 35) were marketed by 1,490 cooperatives in 1962-63. After duplication resulting from over \$1.0 billion of interassociation business was eliminated, the net value amounted to slightly below \$3.5 billion (fig. 8). Dairy products represented 32.3 percent of the total net value of all farm products marketed by cooperatives in 1962-63. The value of dairy products exceeded that of any other major group of farm products marketed by cooperatives in 1962-63.

Gross sales increased 2.8 percent and net sales increased 2.1 percent from 1961-62 to 1962-63.

A total of 1,398 cooperatives whose primary business was marketing dairy products had gross sales of \$4.5 billion and net sales of almost \$3.5 billion in 1962-63.³ This net volume represented 99.8 percent of the net value of dairy products marketed by all cooperatives in 1962-63.

The 92 cooperatives of other types that marketed dairy products as a sideline activity accounted for sales with a net value of almost \$6.5 million. Among these cooperatives, 15 poultry associations had net sales of \$2.5 million, 15 grain associations had net sales

³ Does not include 5 cooperatives that were newly organized or performing services only.

of \$0.8 million, 57 farm supply associations handled a net volume of \$1.5 million, and combined net sales for 2 cotton, 1 miscellaneous farm products, and 2 service associations were \$1.7 million.

Table 19 shows that Wisconsin held top rank in net sales in 1962-63, with a volume of \$474.8 million, or 13.6 percent of the total. The 3 leading States, Wisconsin, New York, and Minnesota, handled over a third, or 34 percent, of the total net volume of dairy products marketed through cooperatives in 1962-63. Of the 10 States leading in net sales of dairy products in 1962-63, 3 ranked higher, 5 the same, and 2 lower compared with their rank 10 years previous.

Grain, Soybeans, Soybean Meal and Oil

Grain, soybeans, and soybean products marketed by 2,647 cooperatives in 1962-63 had a gross value of \$3.62 billion (tables 2, 34, 35). The net value, after duplication arising from business done between cooperatives was eliminated, amounted to almost \$2.37 billion and accounted for 21.9 percent of the net value of all farm products marketed by cooperatives (fig. 9). Grain, including soybeans and soybean meal and oil, ranked second in the value of farm products marketed by cooperatives in 1962-63.

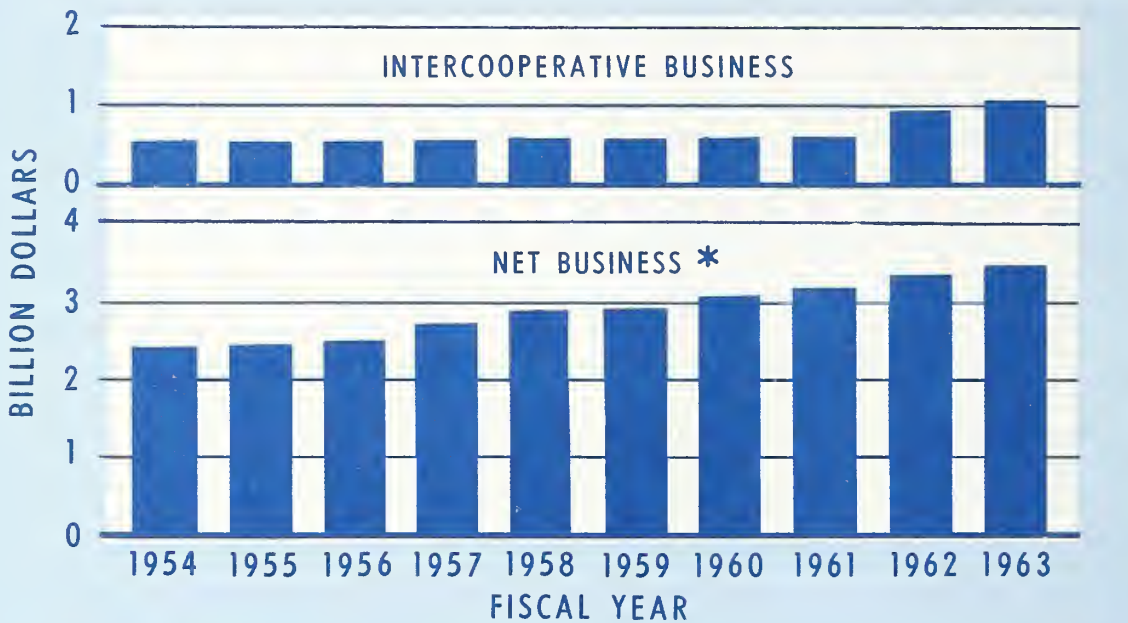
Comparison with 1961-62 shows gross sales increased 9.9 percent and net sales, 9.5 percent. The gross value of \$3.62 billion included sales of \$1.25 billion made by regional cooperatives for local associations. Net sales of \$2.37 billion represented 65.4 percent of the total gross sales of grain, soybeans, and soybean meal and oil marketed by cooperatives.

For 1,971 cooperatives whose predominant business was marketing grain, including soybeans and soybean products, gross sales amounted to \$3.23 billion.⁴ Net sales of \$2.08 billion for these grain cooperatives accounted for 87.8 percent of the net value of grain marketed by all cooperatives in 1962-63. The remaining 12.2 percent of total net sales

⁴ Does not include 2 newly organized associations and 1 association temporarily inactive.

FIG. 8

Dairy Products



*Excludes intercooperative business.

Table 19.--Estimated net value of dairy products marketed by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

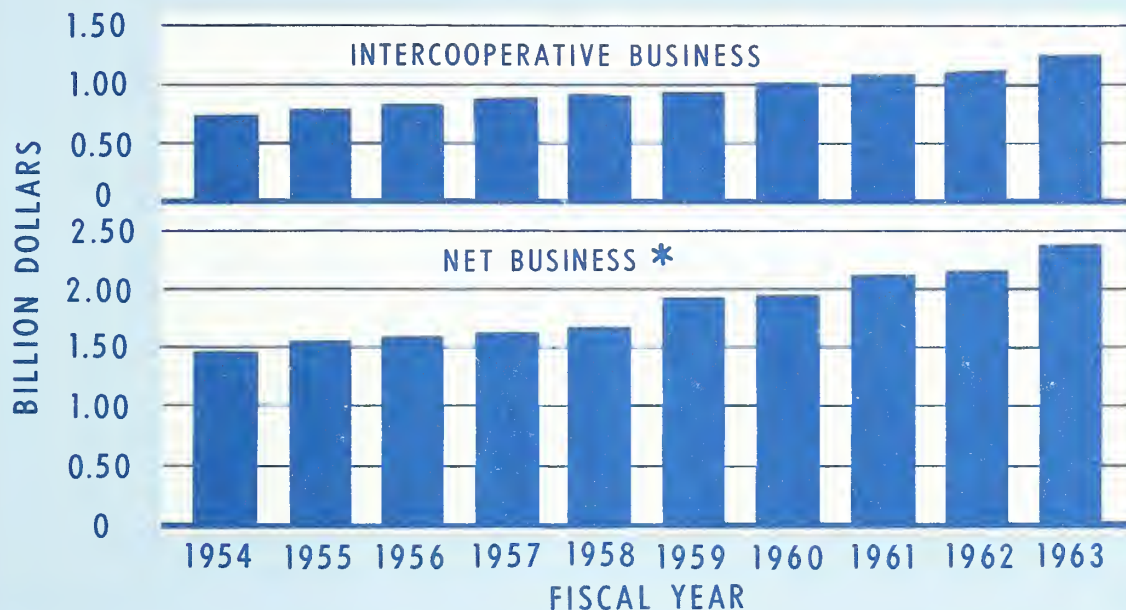
State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	\$1,000			
Wisconsin	474,791	13.6	1	1
New York	371,858	10.6	2	3
Minnesota	341,590	9.8	3	2
Pennsylvania	209,125	6.0	4	4
Michigan	193,785	5.5	5	5
Ohio	155,717	4.4	6	6
Iowa	155,252	4.4	7	7
California	129,113	3.7	8	9
Texas	117,595	3.4	9	13
Illinois	116,026	3.3	10	8
Others	1,233,800	35.3	-	-
Total	3,498,652	100.0	-	-

¹ Excludes intercooperative business.

² Preliminary.

FIG. 9

Grain, Soybeans, and Soybean Products



* Excludes intercooperative business.

made by 676 cooperatives handling grain and soybeans as a sideline activity amounted to \$288.4 million.

Of the cooperatives that handled grain and soybeans as a sideline, farm supply cooperatives continued to lead, with 588 associations handling a net volume of almost \$255.8 million. Grain marketed by 48 cotton cooperatives had a net value of almost \$13.7 million; 15 livestock associations handled a net volume of grain valued at almost \$8.9 million; 13 dairy cooperatives marketed a net volume of more than \$3.2 million; 6 dry bean and pea associations had net sales of almost \$4.4 million; and the remaining net sales of almost \$2.2 million were made by 2 fruit and vegetable, 1 poultry, 1 miscellaneous products, and 2 rice associations.

Illinois, Kansas, and Iowa were the 3 leading States in net value of grain, soybeans, and

soybean products marketed through cooperatives in 1962-63 (table 20). Combined, they handled over a third, or 36.0 percent, of the total net volume during the period. The top 10 States marketed over three-fourths, or 78.7 percent, of the total volume. Compared with their rank in 1953-54, 2 States improved, 5 States remained the same, and 3 States declined. Kansas showed the most noticeable progress, moving up to 2d rank from 5th held in 1953-54.

Livestock and Livestock Products

A total of 507 cooperatives, including livestock trucking cooperatives, handled livestock in 1962-63 with a gross value of almost \$1.72 billion (tables 2, 34, 35). After eliminating intercooperative business from the gross

Table 20.--Estimated net value of grain, soybeans, and soybean meal and oil marketed by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	<u>\$1,000</u>			
Illinois	315,658	13.3	1	1
Kansas	272,522	11.5	2	5
Iowa	265,268	11.2	3	2
North Dakota	231,360	9.8	4	3
Minnesota	176,710	7.5	5	4
Ohio	153,944	6.5	6	6
Indiana	130,139	5.5	7	7
Nebraska	117,417	4.9	8	8
Washington	110,595	4.7	9	9
Oklahoma	90,540	3.8	10	12
Others	503,851	21.3	-	-
Total	2,368,004	100.0	-	-

¹ Excludes intercooperative business.

² Preliminary.

sales, net sales amounted to almost \$1.61 billion (fig. 10). The intercooperative business of \$108 million represented the sales made by regional cooperatives for local associations. Livestock and livestock products ranked third in the value of farm products marketed by cooperatives in 1962-63. These products accounted for 14.9 percent of the net value of all farm products marketed by cooperatives.

Net volume of \$1.61 billion represented 93.7 percent of the total gross volume of livestock and livestock products marketed by cooperatives. Gross sales increased 5.9 percent and net sales increased 6.4 percent when compared with those of 1961-62.

Gross sales of livestock and livestock products of almost \$1.69 billion were handled by 445 cooperatives whose business was primarily livestock marketing or trucking.⁵ Their net sales amounted to more than \$1.58 billion and represented 98.3 percent of the net volume of livestock marketed by all types of cooperatives. Included in this net volume

⁵ Does not include 1 newly organized association, 1 inactive association, and 1 association marketing only wool during 1962-63.

was almost \$411.0 million of stocker and feeder animals purchased for patrons.

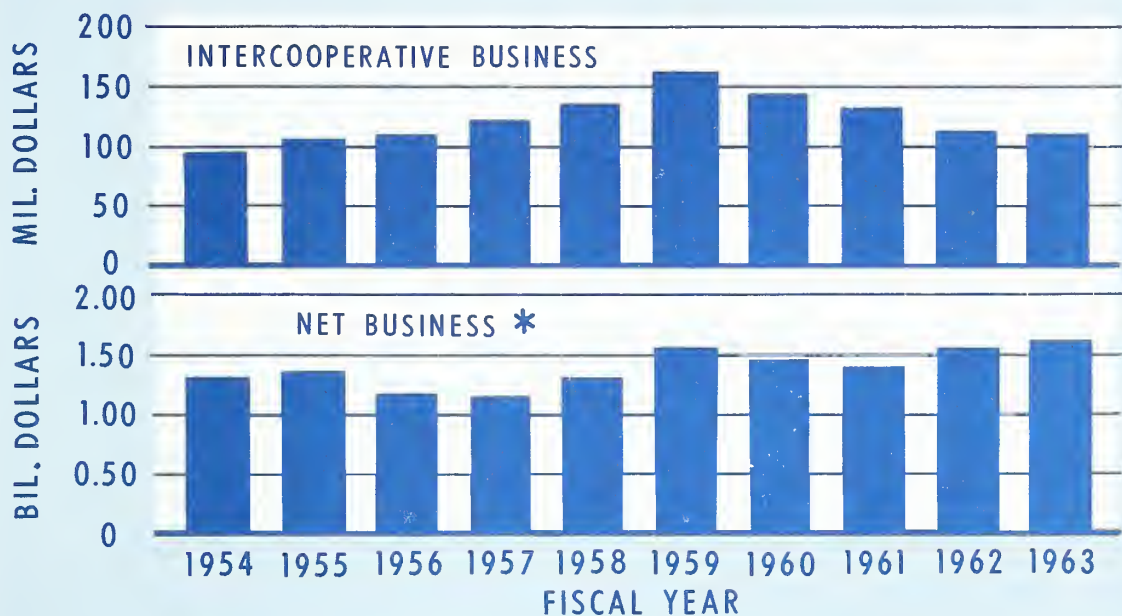
The 445 livestock handling cooperatives included many cooperatives whose primary function was trucking livestock to central markets. They did only a limited amount of actual marketing at the local level.

Net value of livestock marketed by other types of cooperatives handling livestock as a sideline activity amounted to \$27.4 million. Included in these cooperatives were 28 farm supply cooperatives with net sales of \$19.2 million; 14 grain cooperatives with net sales of \$5.9 million; and 3 dairy cooperatives with net sales of almost \$1.0 million. The remaining sales of \$1.3 million were made by 4 poultry, 1 cotton, 1 miscellaneous products, and 11 wool associations.

Ohio, Minnesota, and Illinois were the 3 States leading in net value of livestock marketed by cooperatives in 1962-63 (table 21). Together, they accounted for 32.0 percent of total net volume. Over three-fourths, or 77.5 percent, of the total net sales were made by cooperatives in the 10 ranking States. Only 2 of the 10 leading States remained in the same rank as in 1953-54. Four States moved up in the rankings and 4 were placed in lower positions.

FIG. 10

Livestock and Livestock Products



* Excludes intercooperative business.

Table 21.--Estimated net value of livestock and livestock products marketed by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	<u>\$1,000</u>			
Ohio	177,266	11,0	1	2
Minnesota	173,678	10,8	2	4
Illinois	164,639	10,2	3	1
Iowa	159,924	9,9	4	3
Indiana	152,956	9,5	5	5
California	125,123	7,8	6	9
Nebraska	95,264	5,9	7	7
Missouri	89,521	5,6	8	6
Wisconsin	59,345	3,7	9	8
Texas	49,075	3,1	10	12
Others	362,380	22,5	-	-
Total	1,609,171	100,0	-	-

¹ Excludes intercooperative business.

² Preliminary.

Fruits and Vegetables

In 1962-63, a total of 640 cooperatives of all types marketed fruits and vegetables with a gross value of almost \$1.5 billion (tables 2, 34, 35). After eliminating duplication resulting from interassociation business, the net value amounted to almost \$1.1 billion and accounted for 71.6 percent of the total gross sales of fruits and vegetables marketed by cooperatives (fig. 11). Interassociation business amounting to \$417.7 million represented the value of sales made by regional cooperatives for local associations.

When compared with 1961-62, gross sales increased 5.9 percent and net sales increased 5.2 percent.

Fruit and vegetable marketing was the primary business of 601 cooperatives.⁶ Gross value of their fruit and vegetable volume amounted to \$1.4 billion and net value, over \$1.0 billion. This net business accounted for 97.9 percent of the total net sales of fruits and vegetables made by all types of cooperatives in 1962-63.

Other types of cooperatives marketed fruits and vegetables as a sideline activity. Thirty-nine of these associations handled a net volume of \$22.1 million in 1962-63. Included were 20 farm supply cooperatives with net sales of \$20.3 million, 9 service associations with a net volume of \$1.1 million, and a combined net volume of \$0.7 million for 2 dairy, 2 grain, and 1 each of dry bean and pea, cotton, livestock, nut, poultry, and miscellaneous products associations.

California far outranks other States in net value of fruits and vegetables marketed by cooperatives (table 22). The 4 leading States--Florida, Oregon, and Washington, in addition to California--accounted for almost three-fourths, or 74.8 percent, of the total net value of cooperative fruit and vegetable marketings. These 4 States maintained the same rank they held 10 years previous. The remaining 6 leading States changed position, 4 ranked

⁶ Does not include 24 cooperatives that were inactive, newly organized, or performing only a service function.

higher and 2 lower when compared with their rank in 1953-54.

Special Crops

Gross value of special crops--sugar products, tobacco, rice, and dry beans and peas--marketed by cooperatives in 1962-63 amounted to over \$1.0 billion (tables 2, 34, 35). Their net value, after eliminating business done between cooperatives, amounted to almost \$976.5 million (fig. 12).

Sugar Products

The total value of all sugar products marketed by 66 cooperatives in 1962-63 amounted to almost \$425.7 million (tables 2, 34, 35).⁷ No interassociation business was reported by these cooperatives. Products included in this commodity group were sugar, sugarcane, sugar beets, honey, maple syrup, molasses, and sorghum.

California outranked other States in net value of sugar products marketed by cooperatives (table 23). In 1962-63, net sales of these products in California amounted to almost \$250.4 million, or 58.8 percent of the total. Together, the 10 leading States accounted for 96.3 percent of the total net volume marketed.

Tobacco

In 1962-63, 30 cooperatives specialized in marketing tobacco.⁸ Sales of these cooperatives were valued at \$313.8 million (tables 2, 34, 35). No interassociation business was reported.

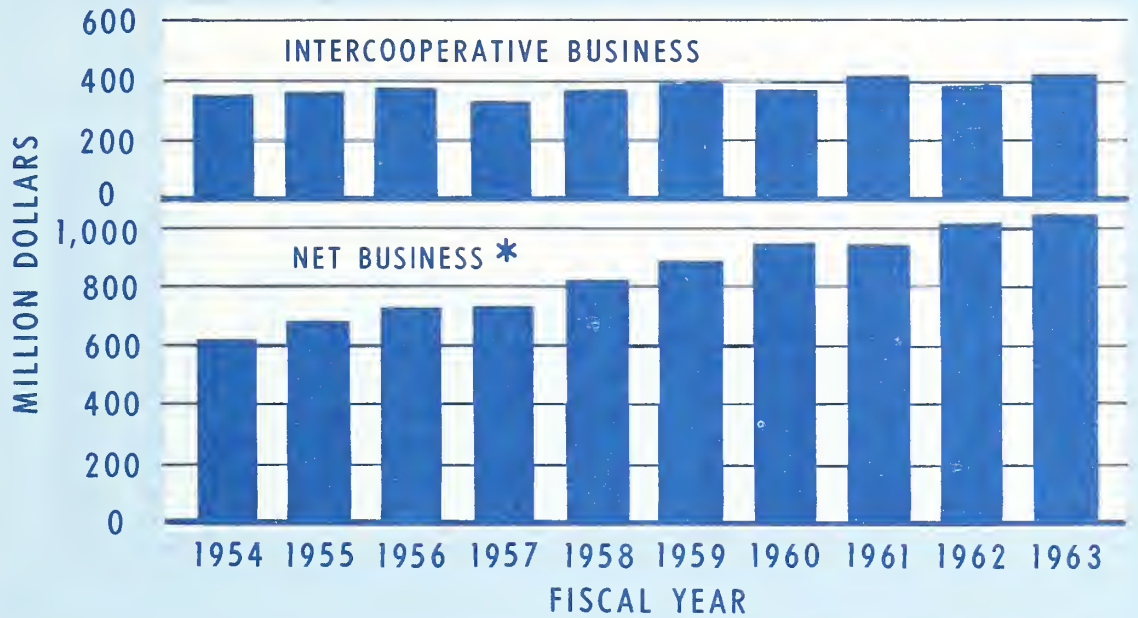
Table 24 shows that North Carolina and Kentucky ranked first and second, respectively, in the net value of tobacco marketed by cooperatives. Together, these two States handled 62.6 percent of the total net volume.

⁷ Does not include 2 cooperatives that were temporarily inactive.

⁸ Does not include 1 cooperative that was temporarily inactive.

FIG. 11

Fruits and Vegetables



* Excludes intercooperative business.

Table 22.--Estimated net value of fruits and vegetables marketed by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

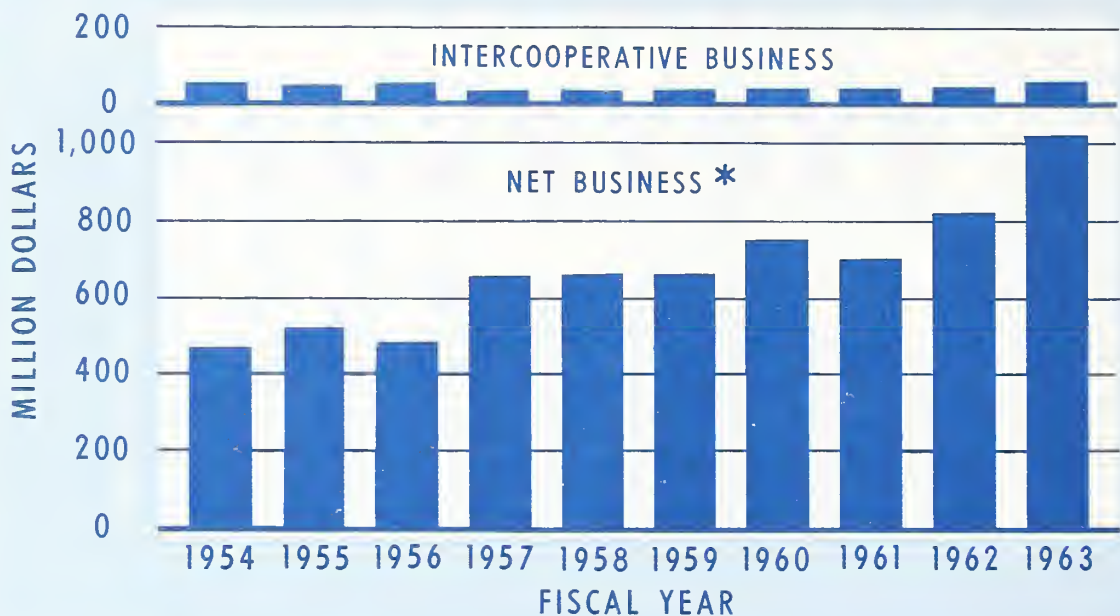
State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	<u>\$1,000</u>			
California	488,400	46.3	1	1
Florida	165,707	15.7	2	2
Oregon	68,632	6.5	3	3
Washington	66,717	6.3	4	4
New York	49,016	4.7	5	6
Michigan	36,319	3.4	6	7
Pennsylvania	34,966	3.3	7	5
Massachusetts	19,771	1.9	8	10
Wisconsin	19,265	1.8	9	12
Ohio	17,750	1.7	10	9
Others	88,066	8.4	-	-
Total	1,054,609	100.0	-	-

¹Excludes intercooperative business.

²Preliminary.

FIG. 12

Special Crops



* Excludes intercooperative business.

Table 23.--Estimated net value of sugar products marketed by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	<u>\$1,000</u>			
California	250,379	58,8	1	1
Idaho	36,924	8,7	2	8
Colorado	35,237	8,3	3	2
Montana	15,786	3,7	4	6
Louisiana	15,270	3,6	5	3
Nebraska	14,620	3,4	6	4
Washington	13,832	3,3	7	7
Michigan	12,427	2,9	8	9
Iowa	8,612	2,0	9	11
Oregon	6,837	1,6	10	(³)
Others	15,771	3,7	-	-
Total	425,695	100,0	-	-

¹ Excludes intercooperative business.

² Preliminary.

³ No cooperative marketing of sugar products reported during 1953-54.

Table 24.--Estimated net value of tobacco marketed by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	<u>\$1,000</u>			
North Carolina	145,546	46.4	1	2
Kentucky	50,976	16.2	2	1
Virginia	25,887	8.2	3	4
South Carolina	24,156	7.7	4	6
Georgia	19,974	6.4	5	5
Tennessee	17,090	5.4	6	3
Maryland	6,822	2.2	7	7
Florida	5,174	1.6	8	13
Indiana	4,900	1.6	9	11
Ohio	4,634	1.5	10	9
Others	8,680	2.8	-	-
Total	313,839	100.0	-	-

¹ Excludes intercooperative business.

² Preliminary.

Rice

Sixty cooperatives marketed rice with a gross value of almost \$243.7 million in 1962-63 (tables 2, 34, 35). After eliminating intercooperative business, the net value amounted to \$207.3 million. This net value represented 85.1 percent of the total gross volume of rice marketed by cooperatives in 1962-63.

Gross sales increased 18.6 percent and net sales, 16.7 percent compared with 1961-62.

Cooperatives marketed rice in only 5 States in 1962-63. Of these States, California, Arkansas, and Texas ranked as the top three. Together, they accounted for over 90 percent of total net sales (table 25).

Beans and Peas (Dry Edible)

In 1962-63, a total of 69 cooperatives marketed dry beans and peas with gross sales of \$40.2 million (tables 2, 34, 35). Their net sales, after eliminating duplication arising from business done between cooperatives, amounted to almost \$29.6 million. This represented 73.6 percent of the total gross volume of dry beans and peas marketed by cooperatives in 1962-63. There was little change in gross sales, but net sales decreased 3.3 percent compared with 1961-62.

The business of 12 cooperatives primarily marketing dry beans and peas accounted for a gross volume of \$21.9 million.⁹ Their net sales were \$16.2 million, representing 54.9 percent of the net volume of dry beans and peas marketed by all types of cooperatives.

Other types of cooperatives also marketed dry beans and peas in 1962-63. Of these associations, 57 handled a net volume amounting to \$13.3 million. Thirty-six farm supply cooperatives marketed dry beans and peas with a net value of \$5.9 million; 19 grain cooperatives had net sales of \$7.1 million; and 2 fruit and vegetable cooperatives had net sales of dry beans and peas amounting to more than \$321,000.

Michigan, California, and Washington were the 3 leading States in net value of dry beans and peas marketed by cooperatives in 1962-63 (table 26). Together, Michigan and California accounted for over half, or 51.6 percent, of the total net sales of dry beans and peas, while the combined net sales of the 10 leading States accounted for all but a fractional percent of the total.

⁹ Does not include 2 associations performing services only.

Table 25.--Estimated net value of rice marketed by cooperatives in the 5 ranking States in 1962-63 and their rank in 1953-54 ¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	\$1,000			
California	73,609	35.5	1	2
Arkansas	59,209	28.6	2	3
Texas	57,665	27.8	3	1
Louisiana	13,050	6.3	4	4
Mississippi	3,815	1.8	5	5
Total	207,348	100.0	-	-

¹ Excludes intercooperative business. Rice marketed cooperatively in only 5 States during 1962-63.

² Preliminary.

Cotton and Cotton Products

Cotton and cotton products were handled by 560 cooperatives in 1962-63. These cooperatives included 516 associations that handled cotton as a primary activity and 44 associations that handled it as a sideline.¹⁰ Their gross sales amounted to \$811.1 million (tables 2, 34, 35). After eliminating \$110.5 million representing intercooperative business, net sales amounted to \$700.6 million (fig. 13).

In comparison with 1961-62, gross value of marketings increased 13.0 percent and net value increased 12.2 percent. Cotton and cotton products represented 6.5 percent of the total net value of farm products marketed by cooperatives in 1962-63.

The 516 specialized cotton associations had gross sales of \$794.2 million and net sales of almost \$683.8 million. This net value represented 97.6 percent of the total net value of such products marketed by all types of cooperatives in 1962-63.

The other cooperatives marketing cotton and cotton products had net sales of \$16.8 million. These sales represented 2.4 percent of the total net sales of cotton and cotton products marketed by all cooperatives. Eleven grain cooperatives accounted for more than \$2.9

¹⁰ Does not include 12 cotton associations that either did not operate in 1962-63 or performed compressing, warehousing, or other special related services but did not market cotton or cotton products.

million of these net sales; 30 farm supply cooperatives handled more than \$12.3 million; and 1 miscellaneous marketing and 2 livestock associations had net sales of \$1.6 million.

Cotton cooperatives were most active in ginning operations, with only \$1.3 million of ginning receipts earned by other types of cooperatives not primarily engaged in ginning. Ginning fees, including bagging and ties, amounted to almost \$54.3 million for 507 cooperatives.

The 3 ranking States, Texas, California, and Mississippi, accounted for slightly over three-fourths, or 75.3 percent, of total net sales of cotton and cotton products marketed by cooperatives in 1962-63 (table 27). Texas ranked 1st in net sales of cotton and cotton products with \$237.4 million, or 33.9 percent of the total. Of the 10 States leading in net sales in 1962-63, 3 were ranked higher, 3 were ranked the same, and 4 were ranked lower compared with 1953-54. The most significant rise in rank was for Arizona, which moved from 12th to 4th place during the 10-year period.

Poultry Products

Of 479 cooperatives marketing poultry products in 1962-63, 95 cooperatives specialized in the commodity and 384 cooperatives handled it as a sideline. Gross business amounted to almost \$504.1 million and net business, after

Table 26.--Estimated net value of dry beans and peas marketed by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	<u>\$1,000</u>			
Michigan	7,997	27.0	1	2
California	7,286	24.6	2	1
Washington	3,823	12.9	3	6
Colorado	3,272	11.1	4	4
Idaho	3,237	11.0	5	5
New York	2,678	9.1	6	3
Wyoming	839	2.8	7	7
Oregon	387	1.3	8	(3)
New Mexico	35	.1	9	9
Montana	17	.1	10	8
Others	7	(4)	-	-
Total	29,578	100.0	-	-

¹ Excludes intercooperative business.

² Preliminary.

³ No cooperative marketing of dry beans and peas reported during 1953-54.

⁴ Less than 0.05 percent.

duplication arising from interassociation business was eliminated, amounted to more than \$420 million (tables 2, 34, 35 and fig. 14). Net business volume represented 83.3 percent of the total gross volume of poultry products marketed by cooperatives in 1962-63.

Gross sales increased 0.3 percent and net sales decreased 0.9 percent with comparison to 1961-62. The decrease in net sales resulted from a larger amount of intercooperative business.

A gross volume of almost \$254.2 million was handled by the 95 cooperatives that specialized in marketing poultry products in 1962-63.¹¹ Their net volume was almost \$187.0 million and represented 44.5 percent of the total net value of poultry products marketed by all cooperatives.

A total of 384 cooperatives of other types marketed a net volume of \$233.1 million of poultry products as a sideline activity. Farm supply cooperatives were the most important of these other cooperatives with 213 associations having net sales of \$158.4 million. The cooperatives handling remaining sideline

poultry sales were: 121 dairy, with net sales of \$27.3 million; 4 cotton, with net sales of \$41.8 million; 36 grain, with net sales of \$4.0 million; and 5 livestock, 1 fruit and vegetable, 1 miscellaneous products, and 3 service associations with combined net sales of almost \$1.6 million.

In 1962-63, California ranked 1st in net value of poultry products marketed by cooperatives, followed by Minnesota and Alabama (table 28). Together, the 10 leading States handled 64.1 percent of total net volume. A considerable change has occurred in the rank of States since 1953-54 due mainly to the increasing influence of the South in the poultry industry. This is evidenced by the rise in rank of Alabama and Georgia from 1953-54 to 1962-63. They ranked 3d and 4th, respectively in 1962-63, while 10 years previous they ranked 22d and 28th in total net sales of poultry products.

Nuts

Ninety-eight cooperatives marketed nuts (tree nuts and peanuts) having a gross value

¹¹ Does not include 2 inactive cooperatives.

FIG. 13

Cotton and Cotton Products

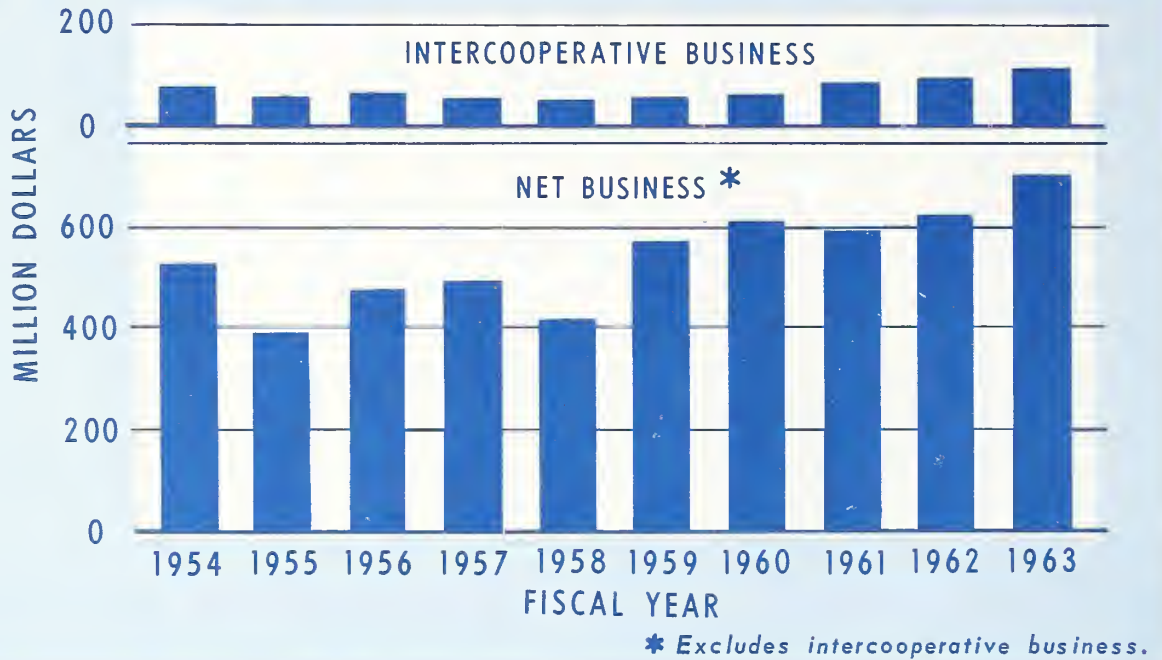


Table 27.--Estimated net value of cotton and cotton products marketed by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

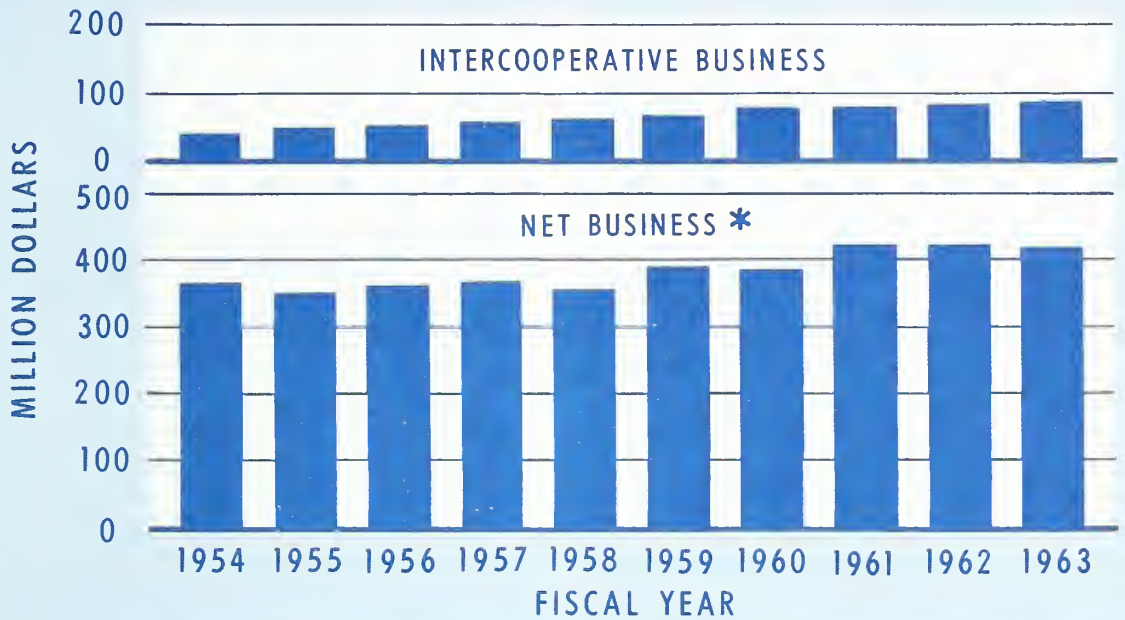
State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	<u>\$1,000</u>			
Texas	237,355	33.9	1	1
California	157,769	22.5	2	3
Mississippi	132,453	18.9	3	2
Arizona	58,363	8.3	4	12
Arkansas	25,005	3.6	5	5
New Mexico	22,388	3.2	6	6
Oklahoma	20,293	2.9	7	4
Alabama	10,892	1.5	8	10
North Carolina	9,574	1.4	9	8
Louisiana	9,299	1.3	10	7
Others	17,213	2.5	-	-
Total	700,604	100.0	-	-

¹ Excludes intercooperative business.

² Preliminary.

FIG. 14

Poultry Products



* Excludes intercooperative business.

Table 28.--Estimated net value of poultry products marketed by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	\$1,000			
California	55,700	13,3	1	1
Minnesota	37,552	8,9	2	3
Alabama	30,363	7,2	3	22
Georgia	28,944	6,9	4	28
Virginia	21,771	5,2	5	7
New York	21,091	5,0	6	4
North Carolina	20,081	4,8	7	14
Wisconsin	18,483	4,4	8	13
Ohio	17,838	4,3	9	6
New Jersey	17,334	4,1	10	2
Others	150,963	35,9	-	-
Total	420,120	100,0	-	-

¹ Excludes intercooperative business.

² Preliminary.

of \$133.3 million in 1962-63 (tables 2, 34, 35). Net business, eliminating the duplicating effects of interassociation business, amounted to almost \$122.9 million. This net business volume represented 92.1 percent of the total gross volume of nuts marketed by cooperatives. Gross business increased 2.2 percent and net business moved upward 4.7 percent with comparison to 1961-62.

Gross sales of 31 cooperatives whose primary business was marketing nuts amounted to \$97.4 million. The net value amounted to almost \$89.5 million. This represented 72.8 percent of the total net value of nuts marketed by all types of cooperatives.

Other types of cooperatives that marketed nuts as a sideline had net sales of almost \$33.4 million in 1962-63. Among these 67 cooperatives, cotton associations continued to be the most important, with 2 organizations reporting a net volume of almost \$31.5 million. Fifty-eight farm supply cooperatives marketed nuts with a net value of \$1.1 million. The remaining sales of almost \$0.8 million were made by 4 fruit and vegetable, 1 tobacco, and 2 grain associations.

Table 29 shows California, Georgia, and Oklahoma as the 3 leading States in net value of nuts marketed by cooperatives in 1962-63.

Together, these 3 States accounted for more than three-fourths, or 77.3 percent, of the net volume marketed. The 10 leading States in net sales by cooperatives in 1962-63 also held the top 10 positions 10 years earlier. However, only 2 States maintained the same ranking. Of the 8 remaining States, 4 ranked higher and 4 ranked lower when compared with their rank in 1953-54.

Wool and Mohair

Gross sales of wool and mohair of 253 cooperatives amounted to \$23.4 million in 1962-63 (tables 2, 34, 35). After eliminating the value of intercooperative business, the net sales amounted to almost \$23.2 million. The interassociation business of almost \$224,000 represented sales made by regional cooperatives for other associations.

Net business volume represented 99.0 percent of the total gross volume of wool and mohair marketed by cooperatives in 1962-63. Gross sales decreased 5.8 percent and net sales 4.3 percent compared with 1961-62.

For 159 cooperatives whose primary business was wool marketing, gross sales amounted to almost \$21.1 million. Their net sales

Table 29.--Estimated net value of nuts marketed by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	<u>\$1,000</u>			
California	56,456	46.0	1	1
Georgia	27,878	22.7	2	2
Oklahoma	10,633	8.6	3	4
North Carolina	9,621	7.8	4	7
Alabama	6,260	5.1	5	10
Florida	3,179	2.6	6	9
Texas	2,808	2.3	7	3
Virginia	2,552	2.1	8	6
Oregon	2,469	2.0	9	5
New Mexico	197	.2	10	8
Others	797	.6	-	-
Total	122,850	100.0	-	-

¹ Excludes intercooperative business.

² Preliminary.

Miscellaneous

amounted to more than \$21.0 million and accounted for 90.8 percent of the total net volume of wool marketed by all types of cooperatives.

There were 94 cooperatives of other types that marketed wool as a sideline activity in 1962-63. Their net sales amounted to more than \$2.1 million. These associations included 70 farm supply cooperatives with net sales of wool amounting to almost \$1.1 million; 9 grain cooperatives with net sales of more than \$831,000; and 12 livestock cooperatives with net sales of almost \$236,000. Additional net wool sales of more than \$13,000 were made by 1 poultry association, 1 nut association, and 1 dairy association.

In 1962-63, South Dakota ranked 1st in net value of wool and mohair marketed by cooperatives, followed by Minnesota and Utah (table 30). The 10 leading States accounted for 69.5 percent of total net sales. The rankings of several of these States had changed considerably when compared with the previous 10-year period, 1953-54. Minnesota moved up from 11th to 2d place, California from 31st to 5th, and Nebraska from 26th to 6th. Only 1 of the 10 leading States in 1962-63 held the same rank in 1953-54. Five States ranked higher and 4 lower than they had 10 years previous.

Miscellaneous farm products were marketed by 189 cooperatives in 1962-63. Their gross value amounted to more than \$62.0 million (tables 2, 34, 35). Net sales, after duplication arising from interassociation business was eliminated, amounted to \$60.5 million. The miscellaneous group of farm products included forest products, fur pelts, hay, hops, seed marketed for growers, nursery stock, tung oil, coffee, and other farm products not separately classified.

Net business volume represented 97.5 percent of the total gross volume of miscellaneous farm products marketed by cooperatives in 1962-63. Gross sales increased 24.4 percent and net sales 28.4 percent compared with 1961-62.

The primary business of 61 cooperatives was marketing miscellaneous farm products.¹² These organizations had gross sales of almost \$53.5 million and net sales of more than \$53.4 million. Net sales of these cooperatives represented 88.3 percent of the total net value of miscellaneous farm products marketed by all types of cooperatives in 1962-63.

¹² 3 cooperatives that were temporarily inactive were not included.

Table 30.--Estimated net value of wool and mohair marketed by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	<u>\$1,000</u>			
South Dakota	3,027	13.0	1	1
Minnesota	2,189	9.4	2	11
Utah	1,663	7.2	3	2
Montana	1,648	7.1	4	7
California	1,522	6.6	5	31
Nebraska	1,479	6.4	6	26
Iowa	1,275	5.5	7	9
Ohio	1,174	5.1	8	6
Wyoming	1,160	5.0	9	3
Idaho	970	4.2	10	4
Others	7,075	30.5	-	-
Total	23,182	100.0	-	-

¹ Excludes intercooperative business.

² Preliminary.

Cooperatives of other types had net sales of miscellaneous farm products amounting to almost \$7.1 million. Among these 128 associations were 84 farm supply cooperatives with net sales of almost \$5.2 million; 29 grain associations with net sales of almost \$1.2 million; 7 dairy cooperatives with net sales of almost \$387,000; and 3 service associations with net sales of almost \$259,000. The remaining sales of miscellaneous farm products, having a net value of almost \$72,000, were made by 1 fruit and vegetable association, 2 dry bean and pea associations, 1

livestock association, and 1 poultry association.

California and Georgia ranked 1st and 2d in net value of miscellaneous farm products marketed by cooperatives and accounted for over half, or 53.1 percent, of total net sales (table 31). Comparison of 1962-63 with 1953-54 shows a substantial shift in the rank of many of the 10 leading States. In 1962-63, only 1 of these States maintained the same ranking held 10 years earlier. Six States had moved up in position, and 3 States were ranked lower.

Table 31.--Estimated net value of miscellaneous farm products marketed by cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54¹

State	Net sales ²		Rank	
	Value	Percent	1962-63	1953-54
	<u>\$1,000</u>			
California	19,461	32.1	1	2
Georgia	12,685	21.0	2	17
Oregon	4,284	7.1	3	8
Wisconsin	4,255	7.0	4	1
Washington	4,087	6.7	5	4
Idaho	2,633	4.3	6	18
Hawaii	2,106	3.5	7	(3)
New York	1,672	2.8	8	3
Mississippi	1,613	2.7	9	33
Utah	1,205	2.0	10	10
Others	6,512	10.8	-	-
Total	60,513	100.0	-	-

¹ Excludes intercooperative business. Miscellaneous products includes forest products, fur pelts, hay, hops, seed marketed for growers, nursery stock, tung oil, coffee, and other farm products not separately classified.

² Preliminary.

³ No cooperative marketing of miscellaneous farm products reported during 1953-54.

SERVICES

Service receipts of \$303 million for 1962-63 represented a slight increase of 0.4 percent over service receipts reported in the previous period (tables 2, 33, 35). Services for patrons were performed by 5,412 cooperatives.

Major service receipts of cooperatives included storage revenue of \$109.0 million

representing almost 36.0 percent of total service receipts; cotton ginning revenue amounting to almost \$42.1 million and representing 13.9 percent of total service receipts (if an additional \$12.2 million in bagging and ties reported separately were included, total ginning revenue would be \$54.3 million); and

receipts for trucking, including livestock trucking, amounting to almost \$39.4 million and accounting for 13.0 percent of total service receipts.

Other services performed by cooperatives were valued at \$112.8 million and represented 37.2 percent of total receipts for all services. These other services included fruit and grain drying, locker plant operations, fruit picking and packing, feed grinding, repair of machinery and equipment, and similar important services.

Texas, California, and Kansas ranked 1st, 2d, and 3d, respectively, in value of service receipts for 1962-63 (table 32). Together, they accounted for more than a third, or 35.8 percent, of the total amount of service receipts. The 10 leading States accounted for over two-thirds, or 67.3 percent, of total service receipts. States making notable advancement in rank during the period 1953-54 to 1962-63 included Iowa, moving from 11th to 4th position, and Nebraska, moving from 25th to 7th position.

Table 32.--Estimated value of service receipts in the 10 ranking States in 1962-63 and their rank in 1953-54

State	Service receipts ¹		Rank	
	Value	Percent	1962-63	1953-54
	<u>\$1,000</u>			
Texas	47,927	15.8	1	2
California	31,179	10.3	2	1
Kansas	29,535	9.7	3	6
Iowa	20,091	6.6	4	11
Minnesota	17,620	5.8	5	7
Washington	13,441	4.4	6	4
Nebraska	13,343	4.4	7	25
Oklahoma	11,191	3.7	8	5
North Dakota	9,946 ¹	3.3	9	12
Florida	9,872	3.3	10	3
Others	99,136	32.7	-	-
Total	303,281	100.0	-	-

¹ Preliminary.

Table 33.--Estimated value of farm supplies purchased and services furnished

Period	Building materials	Containers and packaging supplies	Farm machinery and equipment	Feed	Fertilizer
\$1,000					
Gross value (includes intercooperative business)					
1950-51	-	-	107,007	911,089	261,362
1951-52	72,953	44,937	126,318	1,069,484	296,810
1952-53	84,567	49,787	114,937	1,118,693	345,741
1953-54	89,810	52,830	96,885	1,066,723	372,218
1954-55	109,904	50,321	93,813	1,071,860	396,979
1955-56	111,914	52,858	98,159	1,018,486	418,688
1956-57	117,549	55,333	101,968	1,079,344	436,426
1957-58	111,998	56,521	100,125	1,099,969	460,320
1958-59	127,116	56,669	108,749	1,222,317	518,000
1959-60	138,814	59,970	110,081	1,198,680	583,628
1960-61	136,161	58,191	104,774	1,205,445	630,393
1961-62	143,272	60,124	105,447	1,281,360	682,380
1962-63 ⁴	146,423	58,258	105,580	1,371,256	753,396
Net value (excludes intercooperative business)					
1950-51	-	-	68,106	694,794	156,229
1951-52	40,255	17,799	76,459	810,937	183,654
1952-53	55,626	21,383	74,337	848,598	216,317
1953-54	61,985	25,512	69,770	810,432	232,239
1954-55	77,258	22,680	64,991	808,125	250,000
1955-56	79,075	25,283	68,718	774,769	261,369
1956-57	82,195	26,782	71,368	804,914	274,814
1957-58	76,321	26,899	72,239	809,127	283,596
1958-59	87,387	28,681	76,246	895,555	314,268
1959-60	91,114	27,725	76,472	885,924	334,404
1960-61	91,370	26,628	75,169	890,785	361,563
1961-62	95,576	28,501	75,112	935,631	387,224
1962-63 ⁴	99,485	31,050	75,923	993,847	429,504

¹ Includes plant equipment, automotive supplies, hardware, chicks, and other supplies not separately classified.

² Includes receipts for trucking, cotton ginning, storage, grinding, locker plants, and miscellaneous services.

by cooperatives, by specified commodity groups, 1950-51 to 1962-63

Meats and groceries	Petroleum products	Seed	Sprays and dusts (farm chemicals)	Miscellaneous supplies ¹	Service receipts ²
<u>\$1,000</u>					
Gross value (includes intercooperative business)					
-	585,005	123,337	-	³ 449,721	99,958
46,111	653,610	128,792	33,167	289,913	114,480
53,809	674,940	134,046	34,765	255,623	141,750
57,579	705,527	126,727	37,886	235,542	157,802
53,949	731,210	139,081	44,759	229,983	195,522
54,397	783,810	133,485	50,116	250,783	214,880
57,258	845,858	137,139	57,247	264,863	234,629
58,687	896,053	133,471	63,224	289,032	246,964
62,841	930,356	135,826	70,118	317,930	272,866
63,767	965,184	141,446	78,639	319,760	298,177
63,971	991,950	139,409	82,919	331,498	305,600
68,874	996,256	143,006	92,067	342,063	302,102
69,035	1,016,618	162,089	96,445	366,163	303,281
Net value (excludes intercooperative business)					
-	377,013	90,480	-	³ 298,791	99,958
37,999	421,524	95,001	24,663	210,432	114,480
45,666	436,274	101,306	24,002	190,259	141,750
48,378	448,131	94,551	26,606	160,448	157,802
46,607	465,668	99,747	31,885	154,656	195,522
46,960	493,605	97,298	35,599	163,410	214,880
49,018	529,679	100,010	40,764	166,395	234,629
49,745	552,415	95,864	43,054	178,230	246,964
52,513	580,150	97,374	47,075	191,812	272,866
52,753	596,180	101,635	53,202	188,748	298,177
51,937	621,910	100,344	56,426	196,154	305,600
55,090	624,688	100,969	62,328	196,219	302,102
54,807	634,246	112,635	64,714	208,189	303,281

³ Includes the value of building materials, containers and packaging supplies, sprays and dusts (farm chemicals), meats and groceries, as well as miscellaneous supplies not separately classified.

⁴ Preliminary.

Table 34.--Estimated value of farm products marketed by cooperatives,

Period	Beans and peas (dry edible)	Cotton and cotton products	Dairy products	Fruits and vegetables	Grain, soy- beans, and soybean meal and oil	Livestock and live- stock products
<u>\$1,000</u>						
Gross value (includes intercooperative business)						
1950-51	31,945	349,522	2,298,692	875,441	2,057,803	1,407,026
1951-52	42,612	437,626	2,590,928	911,446	2,463,229	1,758,628
1952-53	40,163	420,985	2,851,888	948,361	2,415,778	1,577,407
1953-54	39,125	597,697	2,897,611	958,839	2,220,335	1,390,386
1954-55	38,939	452,833	2,909,594	1,032,755	2,338,457	1,443,883
1955-56	39,216	541,249	3,032,891	1,108,997	2,405,617	1,291,458
1956-57	34,660	542,860	3,303,949	1,058,681	2,587,883	1,296,095
1957-58	34,698	460,815	3,495,708	1,206,198	2,621,725	1,434,638
1958-59	39,743	632,860	3,565,978	1,290,137	2,867,768	1,686,955
1959-60	41,598	668,747	3,679,523	1,321,423	2,944,798	1,613,026
1960-61	46,641	673,148	3,892,735	1,351,847	3,203,139	1,567,434
1961-62	40,190	717,920	4,401,113	1,390,759	3,295,382	1,622,108
1962-63 ²	40,200	811,062	4,524,833	1,472,308	3,621,924	1,717,063
Net value (excludes intercooperative business)						
1950-51	25,030	320,019	1,933,665	552,641	1,361,499	1,321,944
1951-52	35,888	380,375	2,166,004	596,537	1,616,427	1,647,778
1952-53	33,177	375,449	2,396,207	590,497	1,584,885	1,476,653
1953-54	31,526	522,610	2,409,353	610,409	1,492,307	1,296,080
1954-55	32,242	394,874	2,431,522	675,566	1,543,716	1,337,354
1955-56	29,537	478,944	2,542,657	723,272	1,572,018	1,180,114
1956-57	27,842	487,397	2,764,355	723,269	1,663,529	1,173,666
1957-58	26,702	412,501	2,918,196	823,928	1,677,607	1,299,668
1958-59	27,450	574,438	2,972,625	892,320	1,895,431	1,527,042
1959-60	28,849	607,390	3,055,521	941,811	1,929,114	1,471,069
1960-61	33,900	³ 591,404	3,242,972	941,421	2,104,524	1,434,149
1961-62	30,548	624,607	3,425,433	1,002,590	2,162,219	1,512,571
1962-63 ²	29,578	700,604	3,498,652	1,054,609	2,368,004	1,609,171

¹ Includes coffee, forest products, fur pelts, hay, hops, nursery stock, tung oil, and other farm products not separately classified.

² Preliminary.

by specified commodity groups, 1950-51 to 1962-63

Nuts	Poultry products	Rice	Sugar products	Tobacco	Wool and mohair	Miscellaneous ¹
<u>\$1,000</u>						
Gross value (includes intercooperative business)						
141,012	304,045	131,191	149,785	125,842	30,882	81,591
128,475	357,130	149,677	147,313	173,399	46,170	54,064
90,288	380,734	176,423	119,895	168,307	39,398	65,318
114,761	401,363	182,952	129,484	158,850	34,456	72,868
80,481	394,538	174,582	132,278	216,946	31,767	100,860
128,919	403,838	165,305	125,041	189,989	28,986	52,881
130,169	419,520	165,040	286,262	199,586	30,957	54,453
126,088	417,121	167,142	349,688	145,161	23,862	55,898
137,642	452,549	157,341	331,575	175,092	28,754	46,089
136,854	464,730	167,680	336,952	241,287	23,291	48,500
144,887	503,347	179,573	371,457	139,896	23,192	46,426
130,446	502,517	205,427	411,036	201,003	24,886	49,869
133,330	504,074	243,695	425,695	313,839	23,406	62,034
Net value (excludes intercooperative business)						
113,485	263,689	90,729	149,785	125,842	29,270	74,168
92,367	321,018	111,585	147,313	173,399	42,031	45,962
55,216	336,671	135,654	119,895	168,307	35,465	57,719
83,850	363,730	141,818	129,484	158,850	32,259	66,510
46,273	350,416	140,182	132,278	216,946	29,039	94,335
91,238	358,004	132,922	125,041	189,989	25,425	45,998
96,211	364,073	140,392	286,262	199,586	24,386	47,919
93,072	356,889	145,012	349,688	145,161	19,725	50,299
109,493	391,566	135,212	331,575	175,092	27,822	43,023
114,533	390,488	145,018	336,952	241,287	22,527	45,355
124,152	424,927	155,743	371,457	139,896	22,471	44,231
117,380	423,905	177,684	411,036	201,003	24,258	47,130
122,850	420,120	207,348	425,695	313,839	23,182	60,513

³ Revised.

Table 35. - Estimates of gross and net sales¹ of farmer marketing, farm supply, and related service cooperatives² by commodity groups, geographic divisions, and States, 1962-63³

Geographic division and State	Beans and peas (dry edible)					Cotton and cotton products					Dairy products					
	Estimated number of cooperatives handling ¹			Value of sales ²		Estimated number of cooperatives handling ¹			Value of sales ²		Estimated number of cooperatives handling ¹			Value of sales		
	Head- quarters in State	Head- quarters out of State	Total in State	Gross (includes intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross (includes intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross (includes intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000	
Maine.....	-	-	-	-	-	-	-	-	-	-	3	2	5	23,831	23,831	
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	4	3	7	15,649	15,649	
Vermont.....	-	-	-	-	-	-	-	-	-	-	14	7	21	81,358	80,578	
Massachusetts.....	-	-	-	-	-	-	-	-	-	-	6	3	9	25,500	25,500	
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	1	1	2	8,618	8,618	
Connecticut.....	-	-	-	-	-	-	-	-	-	-	4	1	5	29,463	29,463	
New England.....	-	-	-	-	-	-	-	-	-	-	32	-	-	184,419	183,639	
New York.....	23	-	23	4,022	2,678	-	-	-	-	-	124	9	133	509,026	371,858	
New Jersey.....	-	-	-	-	-	-	-	-	-	-	8	3	11	20,881	13,076	
Pennsylvania.....	-	-	-	-	-	-	-	-	-	-	43	10	53	231,752	209,125	
Middle Atlantic.....	23	-	-	4,022	2,678	-	-	-	-	-	175	-	-	761,659	594,059	
Ohio.....	-	-	-	-	-	-	-	-	-	-	29	5	34	168,696	155,717	
Indiana.....	-	-	-	-	-	-	-	-	-	-	10	11	21	102,795	79,376	
Illinois.....	-	-	-	-	-	-	-	-	-	-	37	7	44	167,371	116,026	
Michigan.....	21	-	21	11,575	7,997	-	-	-	-	-	25	5	30	224,786	193,785	
Wisconsin.....	-	-	-	-	-	-	-	-	-	-	265	10	275	742,319	474,791	
East North Central...	21	-	-	11,575	7,997	-	-	-	-	-	366	-	-	1,405,967	1,019,695	
Minnesota.....	-	-	-	-	-	-	-	-	-	-	392	8	400	558,595	341,590	
Iowa.....	-	-	-	-	-	-	-	-	-	-	151	7	158	230,372	155,252	
Missouri.....	-	-	-	-	-	1	3	4	2,565	2,327	41	4	45	83,418	83,379	
North Dakota.....	-	-	-	-	-	-	-	-	-	-	32	4	36	19,366	14,130	
South Dakota.....	-	-	-	-	-	-	-	-	-	-	41	3	44	40,183	34,873	
Nebraska.....	-	1	1	7	7	-	-	-	-	-	34	-	34	36,669	36,669	
Kansas.....	-	-	-	-	-	-	-	-	-	-	18	6	24	64,946	64,946	
West North Central...	-	-	-	7	7	1	-	-	2,565	2,327	709	-	-	1,033,549	730,839	
Delaware.....	-	-	-	-	-	-	-	-	-	-	-	1	1	3,780	3,780	
Maryland.....	-	-	-	-	-	-	-	-	-	-	4	5	9	61,963	61,182	
Virginia.....	-	-	-	-	-	-	-	-	-	-	19	4	23	67,451	67,451	
West Virginia.....	-	-	-	-	-	-	-	-	-	-	4	6	10	12,903	12,903	
North Carolina.....	-	-	-	-	-	1	-	1	9,574	9,574	11	1	12	36,563	36,563	
South Carolina.....	-	-	-	-	-	1	-	1	49	49	4	1	5	15,984	15,984	
Georgia.....	-	-	-	-	-	5	-	5	6,521	5,037	11	2	13	28,956	28,956	
Florida.....	-	-	-	-	-	-	-	-	-	-	11	-	11	59,742	59,742	
South Atlantic.....	-	-	-	-	-	7	-	-	16,144	14,660	64	-	-	287,342	286,561	
Kentucky.....	-	-	-	-	-	-	-	-	-	-	5	7	12	42,707	38,405	
Tennessee.....	-	-	-	-	-	2	-	2	8,481	8,481	7	4	11	40,690	40,264	
Alabama.....	-	-	-	-	-	7	1	8	12,994	10,892	1	1	2	3,224	3,224	
Mississippi.....	-	-	-	-	-	60	2	62	136,450	132,453	5	2	7	27,593	27,593	
East South Central...	-	-	-	-	-	69	-	-	157,925	151,826	18	-	-	114,214	109,486	
Arkansas.....	-	-	-	-	-	31	3	34	31,042	25,005	1	2	3	14,294	14,294	
Louisiana.....	-	-	-	-	-	5	3	8	9,547	9,299	5	-	5	28,808	28,808	
Oklahoma.....	-	-	-	-	-	59	1	60	25,509	20,293	11	4	15	41,238	41,143	
Texas.....	-	-	-	-	-	330	-	330	296,401	237,355	11	3	14	117,637	117,595	
West South Central...	-	-	-	-	-	425	-	-	362,499	291,952	28	-	-	201,977	201,840	
Montana.....	-	2	2	301	17	-	-	-	-	-	7	1	8	4,897	4,534	
Idaho.....	2	4	6	6,647	3,237	-	-	-	-	-	6	4	10	49,103	39,304	
Wyoming.....	3	1	4	2,545	839	-	-	-	-	-	2	1	3	2,512	2,428	
Colorado.....	10	1	11	3,572	3,272	-	-	-	-	-	7	3	10	25,315	25,265	
New Mexico.....	1	-	1	35	35	19	2	21	25,058	22,388	1	2	3	4,064	4,021	
Arizona.....	-	-	-	-	-	4	4	8	68,953	58,363	3	1	4	25,248	24,405	
Utah.....	-	-	-	-	-	-	-	-	-	-	9	1	10	36,621	36,587	
Nevada.....	-	-	-	-	-	-	1	1	1,319	1,319	1	1	2	2,287	1,444	
Mountain.....	16	-	-	13,100	7,400	23	-	-	95,330	82,070	36	-	-	150,047	137,988	
Washington.....	6	-	6	3,823	3,823	-	-	-	-	-	12	3	15	119,460	61,219	
Oregon.....	1	2	3	387	387	-	-	-	-	-	23	3	26	49,522	40,646	
California.....	2	-	2	7,286	7,286	35	1	36	176,599	157,769	25	1	26	213,017	129,113	
Pacific.....	9	-	-	11,496	11,496	35	-	-	176,599	157,769	60	-	-	381,999	230,978	
TOTAL (48 States)..	69	-	-	40,200	29,578	560	-	-	811,062	700,604	1,488	-	-	4,521,173	3,495,085	
Alaska.....	-	-	-	-	-	-	-	-	-	-	2	1	3	3,618	3,567	
Hawaii.....	-	-	-	-	-	-	-	-	-	-	-	1	1	(61)	-	-
UNITED STATES.....	69	-	-	40,200	29,578	560	-	-	811,062	700,604	1,490	-	-	4,524,791	3,498,652	

See end of table for footnote references.
Table continued on following page.

Table 35. - Estimated of gross and net sales¹ of farmer marketing, farm supply, and related service cooperatives² by commodity groups, geographic divisions, and States, 1962-63³ - Continued

Geographic division and State	Fruits and vegetables						Grain, soybeans, soybean meal and oil						Livestock and livestock 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- quar- ters in State	Head- quar- ters out of State	Total in State	Gross (includes intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000	Head- quar- ters in State	Head- quar- ters out of State	Total in State	Gross (includes intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000	Head- quar- ters in State	Head- quar- ters out of State	Total in State	Gross (includes intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000			
Maine.....	9	-	9	5,767	5,767	1	1	2	454	454	1	-	1	2	2			
New Hampshire.....	2	-	2	955	955	-	-	-	-	-	-	-	-	-	-			
Vermont.....	2	-	2	4	4	-	-	-	-	-	1	-	1	4	4			
Massachusetts.....	3	-	3	19,771	19,771	1	-	1	(7)	(7)	1	-	1	1,062	1,062			
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Connecticut.....	3	-	3	1,155	1,155	-	-	-	-	-	1	-	1	31	31			
New England.....	19	-	-	27,652	27,652	2	-	-	454	454	4	-	-	1,099	1,099			
New York.....	22	1	23	49,016	49,016	82	-	82	7,082	4,778	3	-	3	22,760	22,760			
New Jersey.....	14	2	16	17,381	17,381	11	1	12	956	908	3	-	3	4,875	4,875			
Pennsylvania.....	14	3	17	34,966	34,966	16	2	18	2,926	2,895	10	3	13	3,754	3,752			
Middle Atlantic.....	50	-	-	101,363	101,363	109	-	-	10,964	8,581	16	-	-	31,389	31,387			
Ohio.....	14	2	16	17,836	17,750	176	-	176	262,103	153,944	4	3	7	178,358	177,266			
Indiana.....	2	1	3	537	537	100	3	103	230,336	130,139	4	5	9	153,435	152,956			
Illinois.....	8	1	9	4,708	4,708	199	2	201	417,879	315,658	16	4	20	173,883	164,639			
Michigan.....	32	1	33	36,353	36,319	68	2	70	58,325	29,404	8	2	10	44,186	44,185			
Wisconsin.....	7	2	9	19,265	19,265	43	1	44	4,063	3,962	99	5	104	87,209	59,345			
East North Central...	63	-	-	78,699	78,579	586	-	-	972,706	633,107	131	-	-	637,071	598,391			
Minnesota.....	7	-	7	1,621	1,621	233	3	236	239,172	176,710	152	5	157	224,630	173,678			
Iowa.....	3	-	3	309	309	295	4	299	391,536	265,268	35	12	47	160,708	159,924			
Missouri.....	6	1	7	1,337	1,337	92	2	94	98,286	62,526	22	3	25	90,213	89,521			
North Dakota.....	1	-	1	1,722	1,722	288	1	289	347,105	231,360	29	6	35	40,035	36,111			
South Dakota.....	-	-	-	-	-	145	4	149	112,898	85,216	4	7	11	24,744	23,847			
Nebraska.....	1	-	1	794	794	194	2	196	166,496	117,417	2	7	9	95,278	95,264			
Kansas.....	1	-	1	92	92	255	7	262	468,268	272,522	4	6	10	16,124	15,958			
West North Central...	19	-	-	5,875	5,875	1,502	-	-	1,823,761	1,211,019	248	-	-	651,732	594,303			
Delaware.....	1	-	1	686	686	9	2	11	3,047	2,731	-	-	-	-	-			
Maryland.....	3	-	3	1,174	1,174	13	3	16	11,116	6,710	-	-	-	-	-			
Virginia.....	10	-	10	2,538	2,538	12	-	12	9,251	7,749	30	-	30	19,492	17,865			
West Virginia.....	1	-	1	17	17	2	1	3	419	380	9	2	11	3,092	2,908			
North Carolina.....	9	-	9	2,801	2,801	1	-	1	2,363	2,126	4	-	4	3,268	3,247			
South Carolina.....	8	1	9	2,901	2,901	1	1	2	691	632	4	1	5	623	618			
Georgia.....	3	-	3	658	658	6	-	6	4,619	3,576	2	-	2	1,700	1,700			
Florida.....	63	1	64	249,990	165,707	-	1	1	522	391	3	1	4	4,320	4,320			
South Atlantic.....	98	-	-	260,765	176,482	44	-	-	32,028	24,295	52	-	-	32,495	30,658			
Kentucky.....	4	-	4	47	47	1	1	2	3,087	2,415	14	2	16	25,161	20,434			
Tennessee.....	6	-	6	610	610	3	-	3	1,623	180	3	1	4	4,548	4,548			
Alabama.....	2	-	2	56	56	8	2	10	5,216	1,876	8	-	8	7,043	7,043			
Mississippi.....	1	-	1	2	2	14	-	14	8,359	6,874	1	2	3	16,071	16,071			
East South Central...	13	-	-	715	715	26	-	-	18,285	11,345	26	-	-	52,823	48,096			
Arkansas.....	5	1	6	5,115	5,115	9	-	9	51,068	47,463	1	2	3	147	147			
Louisiana.....	7	-	7	831	831	2	-	2	506	506	2	2	2	157	157			
Oklahoma.....	2	-	2	37	37	94	3	97	190,602	90,540	2	1	3	26,365	26,365			
Texas.....	10	1	11	2,038	2,038	97	2	99	118,661	78,649	4	3	7	53,628	49,075			
West South Central...	24	-	-	8,021	8,021	202	-	-	360,837	217,158	7	-	-	80,297	75,744			
Montana.....	2	-	2	909	909	54	2	56	103,411	56,169	2	7	9	14,217	13,864			
Idaho.....	6	1	7	12,319	12,319	10	6	16	33,539	17,910	6	1	7	6,055	6,055			
Wyoming.....	-	-	-	-	-	7	2	9	3,753	2,813	-	2	2	5,492	5,492			
Colorado.....	19	-	19	12,952	8,379	26	6	32	46,546	28,704	2	2	4	37,729	37,729			
New Mexico.....	3	-	3	1,104	1,104	6	1	7	3,969	2,777	-	1	1	1,497	1,497			
Arizona.....	6	3	9	17,266	4,640	1	-	1	12	12	-	1	1	12,140	12,140			
Utah.....	5	-	5	1,772	1,772	5	-	5	3,988	2,014	2	-	2	18,821	18,821			
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	2	2	2,292	2,292			
Mountain.....	41	-	-	46,322	29,123	109	-	-	195,218	110,399	12	-	-	98,243	97,890			
Washington.....	52	-	52	81,716	66,717	40	2	42	139,117	110,595	2	-	2	399	399			
Oregon.....	25	3	28	88,467	68,632	20	3	23	58,905	31,442	2	2	4	3,444	3,444			
California.....	225	-	225	769,390	488,400	6	1	7	9,594	9,554	5	1	6	125,434	125,123			
Pacific.....	302	-	-	939,573	623,749	66	-	-	207,616	151,591	9	-	-	129,277	128,966			
TOTAL (48 States)...	629	-	-	1,468,985	1,051,559	2,646	-	-	3,621,869	2,367,949	505	-	-	1,714,426	1,606,534			
Alaska.....	1	-	1	(6)	(6)	1	-	1	(6)	(6)	-	-	-	-	-			
Hawaii.....	10	1	11	3,183	2,910	-	-	-	-	-	2	-	2	(6)	(6)			
UNITED STATES.....	640	-	-	1,472,168	1,054,469	2,647	-	-	3,621,869	2,367,949	507	-	-	1,714,426	1,606,534			

See end of table for footnote references.
Table continued on following page.

Table 35. - Estimates of gross and net sales¹ of farmer marketing, farm supply, and related service cooperatives² by commodity groups, geographic divisions, and States, 1962-63³ - Continued

Geographic division and State	Nuts					Poultry products					Rice				
	Estimated number of cooperatives handling ¹			Value of sales ²		Estimated number of cooperatives handling ¹			Value of sales ²		Estimated number of cooperatives handling ¹			Value of sales ²	
	Head- quarters in State	Head- quarters out of State	Total in State	Gross (includes intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross (includes intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross (includes intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000
Maine.....	-	-	-	-	-	2	2	4	1,121	1,121	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	2	2	2	479	441	-	-	-	-	-
Vermont.....	-	-	-	-	-	1	1	2	23	23	-	-	-	-	-
Massachusetts.....	-	-	-	-	-	2	1	3	3,958	3,750	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-	1	1	37	-	-	-	-	-	-
Connecticut.....	-	-	-	-	-	3	2	5	2,631	2,506	-	-	-	-	-
New England.....	-	-	-	-	-	8	-	-	8,249	7,841	-	-	-	-	-
New York.....	-	-	-	-	-	8	-	8	21,270	21,091	-	-	-	-	-
New Jersey.....	-	-	-	-	-	13	2	15	18,913	17,334	-	-	-	-	-
Pennsylvania.....	-	-	-	-	-	9	3	12	14,397	13,990	-	-	-	-	-
Middle Atlantic.....	-	-	-	-	-	30	-	-	54,580	52,415	-	-	-	-	-
Ohio.....	-	-	-	-	-	10	1	11	29,707	17,838	-	-	-	-	-
Indiana.....	-	-	-	-	-	2	-	2	959	959	-	-	-	-	-
Illinois.....	-	-	-	-	-	3	1	4	61	61	-	-	-	-	-
Michigan.....	-	-	-	-	-	11	1	12	4,474	4,304	-	-	-	-	-
Wisconsin.....	-	-	-	-	-	14	1	15	20,394	18,483	-	-	-	-	-
East North Central...	-	-	-	-	-	40	-	-	55,595	41,645	-	-	-	-	-
Minnesota.....	-	-	-	-	-	87	1	88	59,345	37,552	-	-	-	-	-
Iowa.....	-	-	-	-	-	17	1	18	14,355	14,230	-	-	-	-	-
Missouri.....	42	-	42	112	112	120	-	120	12,706	4,033	-	-	-	-	-
North Dakota.....	-	-	-	-	-	11	1	12	625	466	-	-	-	-	-
South Dakota.....	-	-	-	-	-	22	1	23	5,642	5,483	-	-	-	-	-
Nebraska.....	-	-	-	-	-	35	1	36	10,341	7,115	-	-	-	-	-
Kansas.....	-	-	-	-	-	13	1	14	3,356	3,356	-	-	-	-	-
West North Central...	42	-	-	112	112	305	-	-	106,370	72,235	-	-	-	-	-
Delaware.....	-	-	-	-	-	-	1	1	945	945	-	-	-	-	-
Maryland.....	-	-	-	-	-	1	3	4	3,390	3,191	-	-	-	-	-
Virginia.....	1	-	1	2,552	2,552	8	1	9	22,202	21,771	-	-	-	-	-
West Virginia.....	-	-	-	-	-	-	2	2	5,159	5,159	-	-	-	-	-
North Carolina.....	1	1	2	9,621	9,621	7	2	9	21,644	20,081	-	-	-	-	-
South Carolina.....	-	1	1	30	4	3	1	4	1,921	1,711	-	-	-	-	-
Georgia.....	11	-	11	29,025	27,878	7	1	8	29,409	28,944	-	-	-	-	-
Florida.....	1	1	2	3,561	3,179	4	-	4	4,787	4,787	-	-	-	-	-
South Atlantic.....	14	-	-	44,789	43,234	30	-	-	89,457	86,589	-	-	-	-	-
Kentucky.....	-	-	-	-	-	1	-	1	24	24	-	-	-	-	-
Tennessee.....	-	1	1	122	122	-	-	-	-	-	-	-	-	-	-
Alabama.....	2	1	3	6,285	6,260	5	1	6	30,363	30,363	-	-	-	-	-
Mississippi.....	2	1	3	138	113	12	1	13	17,621	16,891	2	-	2	3,815	3,815
East South Central...	4	-	-	6,545	6,495	18	-	-	48,008	47,278	2	-	-	3,815	3,815
Arkansas.....	-	1	1	30	5	2	-	2	5,367	5,367	16	-	16	59,209	59,209
Louisiana.....	-	1	1	570	85	1	-	1	142	142	18	-	18	18,611	13,050
Oklahoma.....	3	2	5	10,684	10,633	8	1	9	4,027	2,573	-	-	-	-	-
Texas.....	4	1	5	3,191	2,808	10	1	11	7,522	4,795	18	1	19	88,451	57,665
West South Central...	7	-	-	14,475	13,531	21	-	-	17,058	12,877	52	-	-	166,271	129,924
Montana.....	-	-	-	-	-	2	-	2	26	26	-	-	-	-	-
Idaho.....	-	-	-	-	-	1	2	3	960	916	-	-	-	-	-
Wyoming.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colorado.....	-	-	-	-	-	2	-	2	3,885	3,885	-	-	-	-	-
New Mexico.....	-	1	1	197	197	-	-	-	-	-	-	-	-	-	-
Arizona.....	-	1	1	197	197	-	-	-	-	-	-	-	-	-	-
Utah.....	-	-	-	-	-	4	-	4	16,456	10,418	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mountain.....	-	-	-	394	394	9	-	-	21,327	15,245	-	-	-	-	-
Washington.....	-	1	1	125	125	2	1	3	17,945	17,228	-	-	-	-	-
Oregon.....	5	-	5	2,469	2,469	3	2	5	12,897	9,722	-	-	-	-	-
California.....	25	-	25	64,387	56,456	10	1	11	70,393	55,700	6	-	6	73,609	73,609
Pacific.....	30	-	-	66,981	59,050	15	-	-	101,235	82,650	6	-	-	73,609	73,609
TOTAL (48 States)..	97	-	-	133,296	122,816	476	-	-	501,879	418,775	60	-	-	243,695	207,348
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	1	-	1	(6)	(6)	3	-	3	2,195	1,345	-	-	-	-	-
UNITED STATES.....	98	-	-	133,296	122,816	479	-	-	504,074	420,120	60	-	-	243,695	207,348

See end of table for footnote references.
Table continued on following page.

Table 35. - Estimates of gross and net sales¹ of farmer marketing, farm supply, and related service cooperatives² by commodity groups, geographic divisions, and States, 1962-63³ - Continued

Geographic division and State	Sugar products					Tobacco					Wool and mohair				
	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 intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross (includes intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross (includes intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000
Maine.....	-	-	-	-	-	-	-	-	-	1	1	2	172	172	
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vermont.....	-	-	-	-	-	-	-	-	-	1	1	2	(6)	(6)	
Massachusetts.....	1	-	1	11	11	1	-	1	801	801	2	-	1	(6)	
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Connecticut.....	-	-	-	-	-	1	1	980	980	-	-	-	-	-	
New England.....	1	-	-	11	11	1	-	-	1,781	1,781	3	-	-	172	172
New York.....	1	-	1	325	325	-	-	-	-	3	1	4	63	29	
New Jersey.....	-	-	-	-	-	-	-	-	-	1	1	2	38	38	
Pennsylvania.....	-	-	-	-	-	-	-	-	-	29	-	29	529	529	
Middle Atlantic.....	1	-	-	325	325	-	-	-	-	33	-	-	630	596	
Ohio.....	2	-	2	851	851	-	1	1	4,634	4,634	1	-	1	1,174	1,174
Indiana.....	-	-	-	-	-	2	2	4,900	4,900	4	-	4	818	818	
Illinois.....	-	-	-	-	-	-	-	-	-	2	1	3	34	34	
Michigan.....	7	-	7	12,427	12,427	-	-	-	-	1	2	3	107	107	
Wisconsin.....	-	-	-	-	-	2	2	1,629	1,629	4	-	4	700	700	
East North Central.....	9	-	-	13,278	13,278	2	-	-	11,163	11,163	12	-	-	2,833	2,833
Minnesota.....	2	-	2	1,665	1,665	-	1	1	14	14	3	1	4	2,189	2,189
Iowa.....	1	-	1	8,612	8,612	-	-	-	-	1	1	2	1,275	1,275	
Missouri.....	-	-	-	-	-	1	1	2,163	2,163	60	-	60	802	626	
North Dakota.....	-	1	1	700	700	-	-	-	-	3	-	3	158	158	
South Dakota.....	1	-	1	614	614	-	-	-	-	1	1	2	3,027	3,027	
Nebraska.....	3	-	3	14,620	14,620	-	-	-	-	-	2	2	1,479	1,479	
Kansas.....	1	-	1	750	750	-	-	-	-	1	1	1	633	633	
West North Central.....	8	-	-	26,961	26,961	-	-	-	2,177	2,177	68	-	-	9,563	9,387
Delaware.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Maryland.....	-	-	-	-	-	2	2	6,822	6,822	-	-	-	-	-	
Virginia.....	-	-	-	-	-	4	5	25,887	25,887	20	-	20	575	575	
West Virginia.....	-	-	-	-	-	2	2	3,093	3,093	28	-	28	267	253	
North Carolina.....	-	-	-	-	-	4	4	145,546	145,546	-	-	-	-	-	
South Carolina.....	-	-	-	-	-	3	3	24,156	24,156	1	-	1	6	6	
Georgia.....	-	1	1	112	112	-	1	1	19,974	19,974	-	-	-	-	-
Florida.....	3	-	3	2,180	2,180	2	1	3	5,174	5,174	-	-	-	-	-
South Atlantic.....	3	-	-	2,292	2,292	12	-	-	230,652	230,652	49	-	-	848	834
Kentucky.....	1	-	1	25	25	8	2	10	50,976	50,976	2	-	2	5	5
Tennessee.....	-	-	-	-	-	7	4	11	17,090	17,090	16	-	16	250	250
Alabama.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mississippi.....	-	-	-	-	-	-	-	-	-	8	-	8	104	104	
East South Central.....	1	-	-	25	25	15	-	-	68,066	68,066	26	-	-	359	359
Arkansas.....	-	-	-	-	-	-	-	-	-	1	1	2	18	18	
Louisiana.....	9	-	9	15,270	15,270	-	-	-	-	3	-	3	62	62	
Oklahoma.....	-	-	-	-	-	-	-	-	-	-	1	1	292	292	
Texas.....	-	-	-	-	-	-	-	-	-	2	1	3	590	590	
West South Central.....	9	-	-	15,270	15,270	-	-	-	-	6	-	-	962	962	
Montana.....	5	2	7	15,786	15,786	-	-	-	-	21	1	22	1,648	1,648	
Idaho.....	9	3	12	36,924	36,924	-	-	-	-	19	2	21	970	970	
Wyoming.....	2	-	2	2,577	2,577	-	-	-	-	6	1	7	1,160	1,160	
Colorado.....	2	-	2	35,237	35,237	-	-	-	-	2	2	4	433	433	
New Mexico.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Arizona.....	-	1	1	7	7	-	-	-	-	-	-	-	-	-	
Utah.....	10	-	10	5,954	5,954	-	-	-	-	4	-	4	1,663	1,663	
Nevada.....	-	-	-	-	-	-	-	-	-	2	1	3	62	62	
Mountain.....	28	-	-	96,485	96,485	-	-	-	-	54	-	-	5,936	5,936	
Washington.....	1	-	1	13,832	13,832	-	-	-	-	-	1	1	190	190	
Oregon.....	1	1	2	6,837	6,837	-	-	-	-	1	1	2	370	370	
California.....	4	-	4	10250,379	10250,379	-	-	-	-	1	1	2	1,522	1,522	
Pacific.....	6	-	-	271,048	271,048	-	-	-	-	2	-	-	2,082	2,082	
TOTAL (48 States)....	66	-	-	425,695	425,695	30	-	-	313,839	313,839	253	-	-	23,385	23,161
Alaska.....	-	-	-	-	-	-	-	-	-	-	1	1	(6)	(6)	
Hawaii.....	-	1	1	(10)	(10)	-	-	-	-	-	1	1	(6)	(6)	
UNITED STATES.....	66	-	-	425,695	425,695	30	-	-	313,839	313,839	253	-	-	23,385	23,161

See end of table for footnote reference.
Table continued on following page.

Table 35. - Estimates of gross and net sales¹ of farmer marketing, farm supply, and related service cooperatives² by commodity groups, geographic divisions, and States, 1962-63³ - Continued

Geographic division and State	Miscellaneous ^{1,1}					Total farm products marketed					Building materials				
	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 intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross (includes intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross (includes intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000
Maine.....	-	-	-	-	-	12	4	16	31,347	31,347	2	1	3	32	17
New Hampshire.....	-	-	-	-	-	7	5	12	17,083	17,045	-	1	1	2	2
Vermont.....	-	-	-	-	-	14	9	23	81,389	80,609	1	1	2	9	9
Massachusetts.....	-	-	-	-	-	15	4	19	51,103	50,895	5	1	6	198	127
Rhode Island.....	-	-	-	-	-	1	2	3	8,655	8,618	-	-	-	-	-
Connecticut.....	-	-	-	-	-	9	4	13	34,260	34,135	5	1	6	66	66
New England.....	-	-	-	-	-	58	-	-	223,837	222,649	13	-	-	307	221
New York.....	26	-	26	1,709	1,672	246	11	257	615,273	474,207	191	1	192	10,490	4,820
New Jersey.....	1	-	1	272	272	48	7	55	63,316	53,884	15	1	16	1,395	629
Pennsylvania.....	2	-	2	2	2	112	18	130	288,326	265,259	55	3	58	3,581	1,275
Middle Atlantic.....	29	-	-	1,983	1,946	406	-	-	966,915	793,350	261	-	-	15,466	6,724
Ohio.....	4	-	4	956	956	233	12	245	664,315	530,130	113	-	113	6,882	4,426
Indiana.....	26	-	26	145	145	116	22	138	493,925	369,830	98	2	100	18,497	11,297
Illinois.....	3	1	4	684	684	266	14	280	764,620	601,810	118	5	123	8,751	5,433
Michigan.....	5	-	5	540	540	143	13	156	392,773	329,068	62	4	66	7,247	4,822
Wisconsin.....	5	-	5	4,255	4,255	427	18	445	879,834	582,430	97	2	99	3,415	2,276
East North Central....	43	-	-	6,580	6,580	1,185	-	-	3,195,467	2,413,268	488	-	-	44,792	28,254
Minnesota.....	10	-	10	180	180	795	18	813	1,087,411	735,199	61	4	65	6,565	5,506
Iowa.....	3	-	3	57	57	471	24	495	807,224	604,927	200	8	208	21,307	18,470
Missouri.....	31	-	31	566	566	178	14	192	292,168	246,590	60	1	61	4,484	2,599
North Dakota.....	-	1	1	130	37	354	13	367	409,841	284,684	36	3	39	6,408	6,384
South Dakota.....	2	1	3	553	506	190	16	206	187,661	153,566	45	5	50	4,533	4,051
Nebraska.....	2	1	3	844	809	238	13	251	326,528	274,174	72	3	75	5,998	4,159
Kansas.....	1	1	2	8	8	273	19	292	554,177	358,265	74	3	77	6,198	3,616
West North Central....	49	-	-	2,338	2,163	2,499	-	-	3,665,010	2,657,405	548	-	-	55,493	44,785
Delaware.....	-	-	-	-	-	10	3	13	8,458	8,142	-	-	-	-	-
Maryland.....	2	-	2	250	250	26	9	35	84,715	79,329	3	-	3	77	77
Virginia.....	1	-	1	3	3	94	10	104	149,951	146,391	12	2	14	1,964	613
West Virginia.....	1	-	1	20	20	41	12	53	24,970	24,733	2	1	3	15	15
North Carolina.....	2	-	2	8	8	34	8	42	231,388	229,567	1	2	3	2,587	987
South Carolina.....	1	-	1	1	1	17	5	22	46,362	46,062	1	1	2	782	514
Georgia.....	1	-	1	12,685	12,685	37	5	42	133,659	129,520	9	1	10	829	332
Florida.....	4	-	4	406	406	93	3	96	330,682	245,886	1	-	1	22	22
South Atlantic.....	12	-	-	13,373	13,373	352	-	-	1,010,185	909,630	29	-	-	6,276	2,560
Kentucky.....	-	-	-	-	-	36	12	48	122,032	112,331	6	-	6	93	93
Tennessee.....	2	-	2	33	33	47	10	57	73,447	71,578	38	1	39	1,944	1,296
Alabama.....	1	-	1	76	76	27	3	30	65,257	59,790	4	1	5	83	57
Mississippi.....	3	-	3	1,613	1,613	97	7	104	211,766	205,529	14	2	16	452	164
East South Central....	6	-	-	1,722	1,722	207	-	-	472,502	449,228	62	-	-	2,572	1,610
Arkansas.....	1	-	1	57	57	61	9	70	166,347	156,680	15	3	18	1,303	691
Louisiana.....	-	-	-	-	-	49	5	54	74,504	68,210	4	-	4	160	145
Oklahoma.....	5	-	5	219	219	153	12	165	298,973	192,095	28	3	31	2,417	1,516
Texas.....	3	-	3	615	615	450	12	462	688,734	551,185	11	2	13	411	81
West South Central....	9	-	-	891	891	713	-	-	1,228,558	968,170	58	-	-	4,291	2,433
Montana.....	1	1	2	88	41	89	15	104	141,283	92,994	11	1	12	677	677
Idaho.....	7	3	10	2,695	2,633	54	19	73	149,212	120,268	8	3	11	916	351
Wyoming.....	3	-	3	21	21	17	7	24	18,060	15,330	1	-	1	25	25
Colorado.....	-	-	-	-	-	62	13	75	165,669	142,904	12	1	13	972	532
New Mexico.....	-	-	-	-	-	27	7	34	35,924	32,019	3	2	5	102	57
Arizona.....	-	-	-	-	-	14	11	25	123,823	99,764	2	2	4	1,226	788
Utah.....	4	-	4	1,205	1,205	42	1	43	86,480	78,434	7	1	8	277	150
Nevada.....	-	-	-	-	-	3	5	8	5,960	5,117	-	-	-	-	-
Mountain.....	15	-	-	4,009	3,900	308	-	-	726,411	586,830	44	-	-	4,195	2,580
Washington.....	7	1	8	4,093	4,087	114	10	124	380,700	278,215	24	3	27	2,782	1,839
Oregon.....	8	1	9	5,436	4,284	81	14	95	228,734	168,233	22	2	24	2,004	999
California.....	8	1	9	19,503	19,461	350	6	356	1,781,113	1,374,372	24	3	27	7,777	7,012
Pacific.....	23	-	-	29,032	27,832	545	-	-	2,390,547	1,820,820	70	-	-	12,563	9,850
TOTAL (48 States)...	186	-	-	59,928	58,407	6,273	-	-	13,879,432	10,821,350	1,573	-	-	145,955	99,017
Alaska.....	-	-	-	-	-	2	2	4	3,819	3,768	1	-	1	(6)	(6)
Hawaii.....	3	-	3	2,106	2,106	20	4	24	10,212	9,047	3	-	3	12	12
UNITED STATES.....	189	-	-	62,034	60,513	6,295	-	-	13,893,463	10,834,165	1,577	-	-	145,967	99,029

See end of table for footnote reference.
Table continued on following page.

Table 35. - Estimates of gross and net sales¹ of farmer marketing, farm supply, and related service cooperatives² by commodity groups, geographic divisions, and States, 1962-63³ - Continued

Geographic division and State	Containers and packaging supplies						Farm machinery and equipment						Feed					
	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 intercooperative business) \$1,000	Net (excludes intercooperative business) \$1,000	Head-quarters in State	Head-quarters out of State	Total in State	Gross (includes intercooperative business) \$1,000	Net (excludes intercooperative business) \$1,000	Head-quarters in State	Head-quarters out of State	Total in State	Gross (includes intercooperative business) \$1,000	Net (excludes intercooperative business) \$1,000	Head-quarters in State	Head-quarters out of State	Total in State
Maine.....	3	1	4	2,482	2,482	2	2	4	573	571	4	2	6	10,397	9,299			
New Hampshire.....	1	2	3	11	11	1	2	3	12	12	1	3	4	3,900	3,491			
Vermont.....	4	2	6	281	281	3	3	6	144	144	4	2	6	6,186	6,013			
Massachusetts.....	8	-	8	177	177	4	4	8	143	82	11	-	11	17,601	15,336			
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	-	-	1,396	1,273			
Connecticut.....	2	1	3	51	51	6	1	7	195	195	10	3	13	19,883	17,950			
New England.....	18	-	-	3,002	3,002	16	-	-	1,067	1,004	30	-	-	59,363	53,362			
New York.....	197	2	199	865	554	196	4	200	11,412	6,189	205	1	206	153,337	103,276			
New Jersey.....	29	1	30	1,414	1,356	20	3	23	2,076	1,085	21	1	22	39,495	29,911			
Pennsylvania.....	55	1	56	830	568	64	6	70	4,219	3,241	79	3	82	75,737	54,275			
Middle Atlantic.....	281	-	-	3,109	2,478	280	-	-	17,707	10,515	305	-	-	268,569	187,462			
Ohio.....	16	1	17	913	762	96	1	97	7,578	5,403	183	2	185	52,265	36,377			
Indiana.....	4	2	6	71	63	76	5	81	6,502	5,111	106	1	107	51,817	29,209			
Illinois.....	22	2	24	233	223	89	4	93	4,233	2,932	230	5	235	60,647	43,574			
Michigan.....	24	2	26	996	987	45	2	47	1,738	1,659	98	6	104	27,904	19,678			
Wisconsin.....	27	2	29	480	154	125	5	130	8,965	6,586	250	8	258	58,804	41,203			
East North Central.....	93	-	-	2,693	2,189	431	-	-	29,016	21,691	867	-	-	251,437	170,041			
Minnesota.....	65	2	67	2,009	474	169	2	171	7,316	4,337	562	6	568	69,255	50,208			
Iowa.....	27	2	29	207	119	88	7	95	3,670	2,762	375	11	386	105,551	71,005			
Missouri.....	10	2	12	69	61	55	5	60	3,460	1,698	163	3	166	86,470	51,258			
North Dakota.....	14	2	16	126	38	87	2	89	4,483	2,538	268	9	277	9,169	5,534			
South Dakota.....	7	2	9	100	56	53	2	55	3,171	2,154	184	10	194	15,272	11,404			
Nebraska.....	7	3	10	285	32	91	4	95	5,588	4,432	218	4	222	24,789	19,397			
Kansas.....	4	2	6	25	25	82	3	85	3,580	2,414	254	7	261	45,915	36,188			
West North Central.....	134	-	-	2,821	805	625	-	-	31,268	20,335	2,024	-	-	356,421	244,994			
Delaware.....	1	1	2	33	33	-	-	-	-	-	10	2	12	3,821	2,926			
Maryland.....	2	-	2	9	9	7	1	8	1,096	1,096	38	2	40	20,192	13,484			
Virginia.....	9	-	9	125	125	11	3	14	964	748	73	-	73	36,286	27,789			
West Virginia.....	1	-	1	1	1	2	3	5	75	75	25	1	26	6,973	4,961			
North Carolina.....	7	-	7	239	194	4	3	7	1,786	1,574	5	2	7	29,736	22,333			
South Carolina.....	3	1	4	351	331	3	1	4	297	266	3	1	4	8,507	5,942			
Georgia.....	4	-	4	5	5	16	1	17	526	445	48	1	49	22,738	11,083			
Florida.....	15	-	15	4,383	1,425	6	-	6	665	665	15	1	16	4,310	3,061			
South Atlantic.....	42	-	-	5,146	2,123	49	-	-	5,409	4,869	217	-	-	132,563	91,579			
Kentucky.....	2	-	2	8	8	6	1	7	174	174	47	2	49	14,680	10,432			
Tennessee.....	11	-	11	81	81	47	3	50	2,228	2,028	91	1	92	19,704	12,350			
Alabama.....	6	-	6	51	51	6	2	8	135	92	43	1	44	14,277	8,524			
Mississippi.....	32	-	32	619	619	24	2	26	794	623	55	3	58	16,828	6,413			
East South Central.....	51	-	-	759	759	83	-	-	3,331	2,917	236	-	-	65,489	37,719			
Arkansas.....	15	-	15	548	534	18	5	23	598	421	42	3	45	26,141	14,199			
Louisiana.....	12	-	12	152	152	6	-	6	119	113	25	1	26	2,199	1,607			
Oklahoma.....	57	2	59	1,117	691	21	5	26	1,000	711	130	6	136	19,082	13,409			
Texas.....	264	2	266	9,796	8,194	75	4	79	1,031	929	204	5	209	24,829	21,540			
West South Central.....	348	-	-	11,613	9,571	120	-	-	2,748	2,174	401	-	-	72,251	50,755			
Montana.....	6	-	6	9	9	29	1	30	1,799	865	56	3	59	4,431	3,580			
Idaho.....	6	2	8	134	134	14	4	18	1,292	974	18	6	24	3,747	3,315			
Wyoming.....	3	1	4	6	5	2	2	4	57	26	12	2	14	766	737			
Colorado.....	18	1	19	1,424	1,003	25	1	26	860	649	47	2	49	6,362	4,651			
New Mexico.....	16	-	16	663	421	3	2	5	106	106	6	2	8	1,455	1,117			
Arizona.....	2	4	6	585	7	1	-	1	60	60	2	2	4	1,854	836			
Utah.....	8	-	8	1,389	1,086	5	2	7	664	622	12	-	12	10,945	10,752			
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Mountain.....	59	-	-	4,210	2,665	79	-	-	4,838	3,302	153	-	-	29,560	24,988			
Washington.....	36	-	36	6,917	4,141	40	3	43	3,990	3,588	66	5	71	33,358	32,988			
Oregon.....	6	1	7	530	375	26	4	30	4,442	3,881	36	4	40	22,691	20,489			
California.....	56	1	57	17,356	2,840	26	3	29	1,694	1,577	32	2	34	77,066	76,982			
Pacific.....	98	-	-	24,803	7,356	92	-	-	10,126	9,046	134	-	-	133,115	130,459			
TOTAL (48 States).....	1,124	-	-	58,156	30,948	1,775	-	-	105,510	75,853	4,367	-	-	1,368,768	991,359			
Alaska.....	-	-	-	-	-	-	-	-	-	-	1	-	1	(6)	(6)			
Hawaii.....	8	-	8	102	102	6	-	6	70	70	5	-	5	1,933	1,933			
UNITED STATES.....	1,132	-	-	58,258	31,050	1,781	-	-	105,580	75,923	4,373	-	-	1,370,701	993,292			

See end of table for footnote references.
Table continued on following page.

Table 35. - Estimates of gross and net sales¹ of farmer marketing, farm supply, and related service cooperatives² by commodity groups, geographic divisions, and States, 1962-63³ - Continued

Geographic division and State	Fertilizer					Meats and groceries					Petroleum products				
	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 intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross (includes intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross (includes intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000
Maine.....	6	1	7	3,998	3,983	1	-	1	178	178	3	2	5	428	423
New Hampshire.....	1	2	3	584	584	-	-	-	-	-	1	2	3	49	49
Vermont.....	4	2	6	1,096	1,061	9	-	9	387	387	5	2	7	525	525
Massachusetts.....	11	-	11	2,368	2,235	2	1	3	196	167	7	1	8	133	107
Rhode Island.....	-	1	1	226	226	-	-	-	-	-	-	1	1	1	1
Connecticut.....	8	2	10	1,900	1,703	-	-	-	-	-	3	1	4	20	20
New England.....	30	-	-	10,172	9,792	12	-	-	761	732	19	-	-	1,156	1,125
New York.....	203	2	205	26,174	14,389	6	-	6	149	149	64	2	66	39,982	25,835
New Jersey.....	23	2	25	5,259	2,903	2	1	3	120	86	10	1	11	7,172	4,702
Pennsylvania.....	83	4	87	19,876	12,079	5	2	7	212	212	50	2	52	29,245	18,652
Middle Atlantic.....	309	-	-	51,309	29,371	13	-	-	481	447	124	-	-	76,399	49,189
Ohio.....	185	2	187	30,954	17,473	8	2	10	650	645	115	-	115	35,367	23,449
Indiana.....	104	2	106	37,408	20,439	7	1	8	468	423	91	2	93	56,138	39,410
Illinois.....	181	5	186	61,259	31,797	23	2	25	691	683	110	4	114	91,732	54,739
Michigan.....	111	6	117	15,561	10,613	19	3	22	4,558	3,025	76	5	81	21,784	15,325
Wisconsin.....	246	6	252	37,944	14,593	130	2	132	9,425	6,759	231	6	237	79,274	46,543
East North Central...	827	-	-	183,126	94,915	187	-	-	15,792	11,535	623	-	-	284,295	179,466
Minnesota.....	499	4	503	40,765	20,789	261	2	263	13,632	8,537	255	4	259	86,822	58,660
Iowa.....	353	9	362	55,008	31,246	41	3	44	959	959	202	9	211	102,815	63,492
Missouri.....	165	2	167	47,992	18,570	103	1	104	14,824	10,560	103	1	104	36,981	20,922
North Dakota.....	289	9	298	13,846	6,652	34	1	35	3,097	2,885	156	7	163	42,653	28,036
South Dakota.....	137	9	146	8,063	3,001	18	1	19	738	676	130	6	136	42,793	31,067
Nebraska.....	208	4	212	28,570	16,492	25	1	26	4,811	4,783	196	4	200	75,144	41,333
Kansas.....	232	5	237	34,787	18,687	26	1	27	4,586	4,586	238	2	240	85,273	46,840
West North Central...	1,883	-	-	229,031	115,437	508	-	-	42,647	32,986	1,280	-	-	472,481	290,350
Delaware.....	10	3	13	1,682	1,068	-	-	-	-	-	2	2	4	1,628	1,279
Maryland.....	38	2	40	8,968	5,938	1	1	2	3	3	16	1	17	10,111	7,493
Virginia.....	76	1	77	15,030	11,588	10	1	11	4,012	3,998	27	1	28	11,212	7,417
West Virginia.....	25	1	26	2,992	2,221	1	1	2	1	1	2	2	4	1,290	505
North Carolina.....	6	2	8	10,060	5,911	3	1	4	529	526	1	3	4	1,471	590
South Carolina.....	3	1	4	3,500	2,198	-	-	-	-	-	-	1	1	442	250
Georgia.....	50	-	50	12,663	7,364	1	-	1	15	15	3	1	4	235	58
Florida.....	40	1	41	10,284	9,688	-	-	-	-	-	2	-	2	24	24
South Atlantic.....	248	-	-	65,179	45,976	16	-	-	4,560	4,543	53	-	-	26,413	17,616
Kentucky.....	51	1	52	7,738	5,460	-	-	-	-	-	10	3	13	4,043	2,324
Tennessee.....	92	1	93	24,045	11,004	-	1	1	103	-	8	3	91	8,687	3,854
Alabama.....	44	3	47	21,735	14,661	-	1	1	24	-	9	2	11	1,227	838
Mississippi.....	71	2	73	50,723	31,671	3	-	3	57	57	26	3	29	4,772	3,481
East South Central...	258	-	-	104,241	62,796	3	-	-	184	57	133	-	-	18,729	10,497
Arkansas.....	55	6	61	14,158	9,364	6	1	7	151	150	36	4	40	11,316	5,559
Louisiana.....	36	3	39	8,777	6,910	-	-	-	-	-	4	-	4	483	483
Oklahoma.....	113	4	117	11,826	6,346	4	-	4	231	231	80	3	83	18,887	8,277
Texas.....	154	2	156	9,750	6,448	10	1	11	206	177	98	2	100	10,016	7,131
West South Central...	358	-	-	44,511	29,068	20	-	-	588	558	218	-	-	40,702	21,450
Montana.....	80	3	83	3,324	1,854	7	-	7	501	501	98	2	100	19,180	12,467
Idaho.....	32	6	38	6,318	3,812	2	-	2	261	261	30	5	35	11,385	7,010
Wyoming.....	6	2	8	291	245	1	-	1	94	94	3	1	4	862	644
Colorado.....	53	2	55	5,433	2,268	5	-	5	1,054	1,054	47	1	48	14,092	10,350
New Mexico.....	8	2	10	826	474	1	-	1	100	100	4	2	6	610	197
Arizona.....	4	5	9	1,222	629	-	-	-	-	-	3	1	4	325	216
Utah.....	16	1	17	1,087	867	4	1	5	215	201	16	1	17	2,238	1,216
Nevada.....	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-
Mountain.....	199	-	-	18,502	10,150	20	-	-	2,225	2,211	201	-	-	48,692	32,100
Washington.....	80	4	84	14,348	9,598	9	-	9	669	669	67	3	70	27,217	19,471
Oregon.....	48	5	53	12,405	6,835	5	1	6	817	758	35	4	39	16,916	10,024
California.....	108	3	111	19,928	14,922	5	1	6	66	66	21	3	24	2,898	2,238
Pacific.....	236	-	-	46,681	31,355	19	-	-	1,552	1,493	123	-	-	47,031	31,733
TOTAL (48 States)..	4,348	-	-	752,752	428,860	798	-	-	68,790	54,562	2,774	-	-	1,015,898	633,526
Alaska.....	1	-	1	(6)	(6)	1	-	1	(6)	(6)	-	-	-	-	-
Hawaii.....	12	-	12	437	437	1	-	1	(6)	(6)	8	-	8	720	720
UNITED STATES.....	4,361	-	-	753,189	429,297	800	-	-	68,790	54,562	2,782	-	-	1,016,618	634,246

See end of table for footnote reference.
Table continued on following page.

Table 35. - Estimates of gross and net sales¹ of farmer marketing, farm supply, and related service cooperatives² by commodity groups, geographic divisions, and States, 1962-63³ - Continued

Geographic division and State	Seed						Sprays and dusts (farm chemicals)						Miscellaneous supplies					
	Estimated number of cooperatives handling			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 intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross (includes intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross (includes intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000			
Maine.....	3	1	4	529	524	7	2	9	678	667	4	3	7	1,034	998			
New Hampshire.....	-	2	2	207	207	-	2	2	173	173	3	3	6	393	393			
Vermont.....	4	2	6	420	407	3	2	5	328	318	5	4	9	967	926			
Massachusetts.....	8	-	8	869	821	8	1	9	818	746	11	3	14	2,256	1,461			
Rhode Island.....	-	1	1	82	82	-	1	1	67	67	-	1	1	144	144			
Connecticut.....	8	2	10	661	589	4	2	6	521	462	6	2	8	1,060	940			
New England.....	23	-	-	2,768	2,630	22	-	-	2,585	2,433	29	-	-	5,834	4,862			
New York.....	202	2	204	8,679	5,220	206	2	208	3,023	1,542	222	4	226	11,075	4,585			
New Jersey.....	22	1	23	1,577	900	22	2	24	460	315	20	2	22	2,045	655			
Pennsylvania.....	83	3	86	6,876	4,438	82	4	86	3,924	2,753	90	7	97	10,335	6,675			
Middle Atlantic.....	307	-	-	17,132	10,558	310	-	-	7,407	4,610	332	-	-	23,455	11,915			
Ohio.....	181	2	183	10,961	6,843	117	2	119	3,908	2,198	188	6	194	16,059	11,694			
Indiana.....	106	-	106	5,822	4,013	88	3	91	3,508	1,734	109	5	114	13,297	8,149			
Illinois.....	213	6	219	11,255	7,793	113	5	118	5,250	2,840	122	10	237	10,592	4,971			
Michigan.....	100	6	106	3,991	2,902	79	4	83	2,397	1,858	112	11	123	7,686	4,795			
Wisconsin.....	233	5	238	7,015	4,395	162	5	167	3,029	1,601	366	10	376	28,744	17,969			
East North Central...	833	-	-	39,044	25,946	559	-	-	18,092	10,231	1,002	-	-	76,378	47,578			
Minnesota.....	420	3	423	8,473	5,634	310	4	314	2,620	1,670	587	6	593	36,193	12,813			
Iowa.....	329	8	337	9,530	6,915	205	8	213	3,695	2,157	375	12	387	15,692	8,806			
Missouri.....	146	1	147	10,797	5,981	84	2	86	2,317	1,136	128	6	134	22,637	5,717			
North Dakota.....	269	9	278	3,918	2,621	227	6	233	1,461	994	338	9	347	13,082	9,230			
South Dakota.....	152	8	160	2,161	1,606	106	6	112	1,095	702	225	9	234	9,324	6,710			
Nebraska.....	83	4	87	933	592	103	3	106	1,939	981	226	5	231	11,201	6,448			
Kansas.....	172	3	175	2,566	2,449	153	4	157	2,845	1,693	204	6	210	13,876	8,934			
West North Central...	1,571	-	-	38,378	25,798	1,188	-	-	15,972	9,333	2,083	-	-	122,005	58,658			
Delaware.....	10	3	13	602	462	-	1	1	3	3	10	3	13	1,646	1,308			
Maryland.....	36	2	38	3,449	2,396	6	1	7	137	137	39	3	42	9,268	6,730			
Virginia.....	74	-	74	6,183	4,850	14	2	16	1,013	407	77	5	82	19,220	13,411			
West Virginia.....	24	1	25	1,282	966	3	1	4	53	53	26	4	30	3,889	3,127			
North Carolina.....	5	1	6	4,615	2,944	8	2	10	3,073	1,564	9	5	14	10,247	5,015			
South Carolina.....	2	1	3	1,931	1,355	5	1	6	1,511	1,098	5	3	8	2,489	1,291			
Georgia.....	50	-	50	3,190	2,102	48	1	49	2,340	1,327	41	3	44	8,715	3,257			
Florida.....	15	1	16	980	868	35	1	36	3,828	3,736	20	2	22	1,947	1,277			
South Atlantic.....	216	-	-	22,232	15,943	119	-	-	11,958	8,325	227	-	-	57,421	35,416			
Kentucky.....	47	1	48	3,132	2,465	8	1	9	168	161	47	5	52	8,354	6,744			
Tennessee.....	91	1	92	8,405	4,991	83	3	86	3,150	1,627	86	6	92	8,021	3,116			
Alabama.....	46	1	47	3,950	2,792	37	3	40	1,367	791	35	5	40	5,491	2,554			
Mississippi.....	57	3	60	5,575	3,575	64	4	68	8,306	6,999	50	5	55	4,965	2,533			
East South Central...	241	-	-	21,062	13,823	192	-	-	12,991	9,578	218	-	-	26,831	14,947			
Arkansas.....	43	2	45	2,776	1,719	29	6	35	1,838	893	38	7	45	4,875	3,256			
Louisiana.....	19	1	20	868	799	17	1	18	1,174	1,063	15	-	15	364	348			
Oklahoma.....	115	2	117	2,226	1,829	61	3	64	1,100	671	95	7	102	5,010	2,908			
Texas.....	290	1	291	5,362	4,875	190	3	193	4,175	3,327	131	5	136	4,962	3,414			
West South Central...	467	-	-	11,232	9,222	297	-	-	8,287	5,954	279	-	-	15,211	9,926			
Montana.....	31	3	34	616	402	82	2	84	816	608	112	2	114	6,448	4,849			
Idaho.....	19	4	23	1,065	824	25	4	29	857	508	32	7	39	3,598	2,669			
Wyoming.....	6	2	8	143	138	4	2	6	73	65	14	1	15	364	291			
Colorado.....	37	-	37	683	482	38	1	39	744	483	69	1	70	3,430	2,588			
New Mexico.....	6	1	7	90	90	4	1	5	69	24	5	3	8	212	55			
Arizona.....	3	2	5	209	134	5	2	7	766	454	5	5	10	2,699	1,498			
Utah.....	11	-	11	547	510	13	1	14	544	445	20	2	22	2,554	1,451			
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Mountain.....	113	-	-	3,353	2,580	171	-	-	3,869	2,587	257	-	-	19,285	13,401			
Washington.....	43	3	46	2,861	2,659	87	5	92	6,907	5,248	88	5	93	7,770	4,875			
Oregon.....	37	2	39	2,196	1,742	49	3	52	2,507	1,854	58	6	64	5,912	3,414			
California.....	60	3	63	1,782	1,685	84	4	88	5,738	4,429	72	5	77	6,016	3,152			
Pacific.....	140	-	-	6,839	6,086	220	-	-	15,152	11,531	218	-	-	19,698	11,441			
TOTAL (48 States)...	3,911	-	-	162,040	112,586	3,078	-	-	96,313	64,582	4,645	-	-	366,118	208,144			
Alaska.....	1	-	1	(6)	(6)	-	-	-	-	-	1	-	1	(6)	(6)			
Hawaii.....	3	-	3	11	11	11	-	11	132	132	6	-	6	39	39			
UNITED STATES.....	3,915	-	-	162,051	112,597	3,089	-	-	96,445	64,714	4,652	-	-	366,157	208,183			

See end of table for footnote references.
Table continued on following page.

Table 35. - Estimates of gross and net sales¹ of farmer marketing, farm supply, and related service cooperatives² by commodity groups, geographic divisions, and States, 1962-63³ - Continued

Geographic division and State	Total supplies					Services					Total			
	Estimated number of cooperatives handling ¹			Value of sales		Estimated number of cooperatives handling ¹			Estimated receipts ^{1,2} \$1,000	Estimated number of cooperatives in State ^{1,3}	Estimated number of cooperatives doing business in State ^{1,3}	Gross business \$1,000	Net business (excludes inter-cooperative business) \$1,000	
	Head- quarters in State	Head- quarters out of State	Total in State	Gross (includes intercoop- erative business) \$1,000	Net (excludes intercoop- erative business) \$1,000	Head- quarters in State	Head- quarters out of State	Total in State						
Maine.....	11	4	15	20,329	19,142	5	2	7	285	16	22	51,961	50,774	
New Hampshire.....	5	4	9	5,331	4,922	3	2	5	205	8	15	22,619	22,172	
Vermont.....	14	5	19	10,323	10,071	10	1	11	530	21	31	92,242	91,210	
Massachusetts.....	23	4	27	24,759	21,259	5	1	6	390	34	40	76,252	72,544	
Rhode Island.....	-	2	2	1,916	1,793	1	2	3	68	2	6	10,639	10,479	
Connecticut.....	16	3	19	24,357	21,976	5	3	8	296	23	29	58,913	56,407	
New England.....	69	-	-	87,015	79,163	29	-	-	1,774	104	-	312,626	303,586	
New York.....	294	6	300	265,186	166,559	158	2	160	5,161	414	428	885,620	645,927	
New Jersey.....	45	5	50	61,013	42,542	29	1	30	1,360	68	77	125,689	97,786	
Pennsylvania.....	123	11	134	154,835	104,168	80	4	84	2,638	188	211	445,799	372,065	
Middle Atlantic.....	462	-	-	481,034	313,269	267	-	-	9,159	670	-	1,457,108	1,115,778	
Ohio.....	219	9	228	165,537	109,270	206	3	209	9,140	259	276	838,992	648,540	
Indiana.....	119	7	126	193,528	119,848	110	6	116	6,633	129	154	694,086	496,311	
Illinois.....	353	11	364	254,643	154,985	277	5	282	9,013	413	432	1,028,276	765,808	
Michigan.....	154	14	168	93,862	65,664	105	5	110	3,155	196	219	489,790	397,887	
Wisconsin.....	439	18	457	237,095	142,079	348	8	356	6,232	672	700	1,123,161	730,741	
East North Central...	1,284	-	-	944,665	591,846	1,046	-	-	34,173	1,669	-	4,174,305	3,039,287	
Minnesota.....	918	11	929	273,650	168,628	733	12	745	17,620	1,127	1,151	1,378,681	921,447	
Iowa.....	513	17	530	318,434	205,931	400	15	415	20,091	586	621	1,145,749	830,949	
Missouri.....	183	10	193	230,031	118,502	127	8	135	4,062	205	223	526,261	369,154	
North Dakota.....	435	13	448	98,243	64,912	360	9	369	9,946	494	515	518,030	359,542	
South Dakota.....	275	13	288	87,250	61,427	210	13	223	5,124	299	323	280,035	220,117	
Nebraska.....	345	11	356	159,258	98,649	261	7	268	13,343	370	389	499,129	386,166	
Kansas.....	315	12	327	199,651	125,432	286	8	294	29,535	329	351	783,363	513,232	
West North Central...	2,984	-	-	1,366,517	843,481	2,377	-	-	99,721	3,410	-	5,131,248	3,600,607	
Delaware.....	13	4	17	9,415	7,079	10	1	11	52	13	18	17,925	15,273	
Maryland.....	54	3	57	53,310	37,363	30	1	31	450	65	74	138,475	117,142	
Virginia.....	105	6	111	96,009	70,946	64	4	68	1,686	174	188	247,646	219,023	
West Virginia.....	28	4	32	16,571	11,925	24	5	29	471	67	78	42,012	37,129	
North Carolina.....	23	6	29	64,343	41,638	22	6	28	1,240	45	58	296,971	272,445	
South Carolina.....	9	3	12	19,810	13,245	5	2	7	506	18	24	66,678	59,813	
Georgia.....	58	4	62	51,256	25,988	19	2	21	636	73	80	185,551	156,144	
Florida.....	56	2	58	26,443	20,766	34	-	34	9,872	111	115	366,997	276,524	
South Atlantic.....	346	-	-	337,157	228,950	208	-	-	14,913	566	-	1,362,255	1,153,493	
Kentucky.....	58	5	63	38,390	27,861	50	3	53	312	92	105	160,734	140,504	
Tennessee.....	100	6	106	76,368	40,347	96	7	103	1,629	135	148	151,444	113,554	
Alabama.....	50	7	57	48,340	30,360	27	3	30	1,342	62	70	114,939	91,492	
Mississippi.....	104	7	111	93,091	56,135	89	4	93	4,281	136	148	309,138	265,945	
East South Central...	312	-	-	256,189	154,703	262	-	-	7,564	425	-	736,255	611,495	
Arkansas.....	70	11	81	63,704	36,786	61	6	67	7,639	108	126	237,690	201,105	
Louisiana.....	44	4	48	14,296	11,620	23	1	24	1,464	68	76	90,264	81,294	
Oklahoma.....	158	12	170	62,896	36,589	151	8	159	11,191	172	189	373,060	239,875	
Texas.....	429	10	439	70,538	56,116	452	4	456	47,927	522	539	807,199	655,228	
West South Central...	701	-	-	211,434	141,111	687	-	-	68,221	870	-	1,508,213	1,177,502	
Montana.....	139	4	143	37,801	25,812	84	4	88	2,441	172	189	181,525	121,247	
Idaho.....	54	9	63	29,573	19,858	30	7	37	2,146	85	107	180,931	142,272	
Wyoming.....	15	3	18	2,661	2,270	10	3	13	326	25	33	21,047	17,926	
Colorado.....	92	4	96	35,054	24,060	65	9	74	4,100	103	118	204,823	171,064	
New Mexico.....	18	4	22	4,233	2,641	26	7	33	3,099	29	38	43,256	37,759	
Arizona.....	8	6	14	8,946	4,622	4	7	11	3,036	17	30	135,805	107,422	
Utah.....	29	3	32	20,460	17,300	21	-	21	2,400	60	64	109,340	98,134	
Nevada.....	-	1	1	-	-	1	2	2	42	3	9	6,003	5,160	
Mountain.....	355	-	-	138,729	96,564	240	-	-	17,590	494	-	882,730	700,984	
Washington.....	137	8	145	106,819	85,076	93	5	98	13,441	175	188	500,960	376,732	
Oregon.....	81	10	91	70,420	50,371	50	5	55	5,340	108	129	304,494	223,944	
California.....	171	6	177	140,321	114,903	142	3	145	31,179	390	400	1,952,613	1,520,454	
Pacific.....	389	-	-	317,560	250,350	285	-	-	49,960	673	-	2,758,067	2,121,130	
TOTAL (48 States)...	6,902	-	-	4,140,300	2,699,437	5,401	-	-	303,075	8,881	-	18,322,807	13,823,862	
Alaska.....	1	-	1	(6)	(6)	1	-	1	(6)	2	4	5,351	5,300	
Hawaii.....	18	-	18	3,457	3,457	10	1	11	180	24	28	13,849	12,684	
UNITED STATES.....	6,921	-	-	4,143,757	2,702,894	5,412	-	-	303,255	8,907	-	18,342,007	13,841,846	

See next page for footnote references.

- 1 The value of products marketed is allocated to the State in which they originate and the value 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, 1962, through July 30, 1963, with limited exceptions.
- 4 The total number of cooperatives handling each commodity within a State includes not only the cooperatives handling the commodity that have headquarters in that State, but all other cooperatives handling the commodity in that State whose headquarters are located in other States. Number of cooperatives handling a commodity include those performing specific services on the commodity, such as cotton ginning cooperatives, livestock trucking cooperatives, rice drying cooperatives, 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 program in 1962-63. Business volume is influenced by the extent to which producers participate in the program.
- 6 Value is included in total dollar volume of all farm products marketed, farm supplies handled, or services performed in order not to reveal separate commodity data for an individual association.
- 7 Value of grain allocated to State of origin.
- 8 Value of wool allocated to State of origin.
- 9 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.
- 10 The volume of a sugar cooperative with headquarters in California whose business originated in Hawaii is included in the dollar volume of California.
- 11 Includes forest products, fur pelts, hay, hops, nursery stock, tung oil, coffee, and other farm products not separately classified.
- 12 Charges for services in which no duplication occurs.
- 13 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 services.

COMPOSITION OF FARMER COOPERATIVES

The 1962-63 survey included a total of 8,907 marketing, farm supply, and related service cooperatives compared with a total of 9,039 in the 1961-62 survey. Memberships in these cooperatives totaled 7,218,750 compared with 7,098,980 in the previous survey.

Number

Number of farmer cooperatives continued to decline in 1962-63. The total of 8,907 farmer cooperatives reported in the 1962-63 survey represented a decrease of 132 associations, or about 1.5 percent of the number of associations reported the previous year.

Reorganization among cooperatives involving consolidation, merger, and acquisition is responsible for much of this decline. The downward trend in the number of farmer cooperatives during the past several years has reflected such reorganizations.

Some reduction in number was also caused by removing the names of a few inactive associations from the survey list. An association, by established policy of Farmer Cooperative Service, is considered to be inactive or to have liquidated when it fails to provide information on its operations for 5 continuous years during which time periodic requests are made for such information.

Since organizations included for the first time in the 1962-63 survey balanced off a certain number of associations which quit operating during the same period, the decrease of 132 associations represents a net figure. Most of the associations initially reporting were newly organized. However, a few associations that had been organized during an earlier period were also included for the first time because information on their cooperative status had only recently been obtained by Farmer Cooperative Service. The cooperative status of an organization (marketing, farm supply, or related service) must be established by its own response or, in a very

limited number of cases, through other reliable sources. Otherwise, the organization cannot be included in the annual survey of farmer cooperatives.

The related service cooperatives included in this survey perform activities relevant to the marketing of farm products and the purchasing of farm supplies. These activities include trucking, storing, grinding, and similar services affecting the form, quality, or location of farm products and supplies handled by cooperatives. They do not include credit, electric, irrigation, dairy herd improvement, or other types of services performed by cooperatives for farmers.

Comparison of the 1962-63 with the 1961-62 period shows marketing cooperatives decreased from 62.2 to 61.8 percent of the total number of cooperatives, farm supply cooperatives increased from 35.5 to 36.0 percent; and service associations decreased from 2.3 to 2.2 percent (table 36). The graphic proportion of the total number represented by each of the functional groups in 1962-63 appears in figure 15.

In analyzing the percentages shown in table 36, it must be recognized that in each annual survey some cooperatives are reclassified because of changes in the commodity group or service that represents the major portion of their dollar volumes.

In table 37, cooperatives are classified so that changes in their operations are reflected to the extent that they can be measured according to dollar volume. Each cooperative is classified according to the commodity that consistently represents the largest percentage of its dollar volume of business.

The method of classifying cooperatives for purposes of the annual survey is discussed in the appendix, pages 69 and 70.

The statistics in this report were based on current information furnished by 94 percent of all cooperatives included in the 1962-63 survey. Percentage of participation in this survey for cooperatives in each commodity and functional group is shown in appendix table 2.

Table 36.--Number and percent of marketing, farm supply, and related service cooperatives, 1950-51 to 1962-63

Period ¹	Marketing		Farm supply		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 ²	5,502	61.8	3,211	36.0	194	2.2	8,907	100.0

¹ For years prior to 1950-51, see appendix table 5.

² Preliminary.

**FIG.
15**

Number of Cooperatives 1962-63



Table 37. - Number¹ and estimated memberships² of farmer marketing, farm supply, and related service cooperatives, 1962-63³

(Classified according to major product handled or function performed.)

Geographic division and State	Bean and pea (dry edible)		Cotton and cotton products		Dairy products		Fruit and vegetable		Grain ⁴	
	Cooperatives listed	Estimated memberships	Cooperatives listed	Estimated memberships	Cooperatives listed	Estimated memberships	Cooperatives listed	Estimated memberships	Cooperatives listed	Estimated memberships
Maine.....	-	-	-	-	2	1,865	8	2,460	-	-
New Hampshire.....	-	-	-	-	4	1,160	2	525	-	-
Vermont.....	-	-	-	-	13	6,705	-	-	-	-
Massachusetts.....	-	-	-	-	6	1,930	2	575	-	-
Rhode Island.....	-	-	-	-	1	450	-	-	-	-
Connecticut.....	-	-	-	-	4	1,495	2	40	-	-
New England.....	-	-	-	-	30	13,605	14	3,600	-	-
New York.....	-	(5)	-	-	124	38,475	20	4,955	1	(6)
New Jersey.....	-	-	-	-	8	2,205	9	2,840	-	-
Pennsylvania.....	-	-	-	-	44	21,830	13	2,075	-	-
Middle Atlantic.....	-	-	-	-	176	62,510	48	9,870	1	(6)
Ohio.....	-	-	-	-	7	30	7	1,835	98	60,560
Indiana.....	-	-	-	-	10	16,135	3	845	36	80,910
Illinois.....	-	-	-	-	37	23,245	8	405	176	86,940
Michigan.....	3	2,270	-	-	23	26,835	25	6,720	22	19,035
Wisconsin.....	-	-	-	-	265	75,150	6	455	2	1,715
East North Central.....	3	2,270	-	-	365	169,635	57	10,260	334	249,160
Minnesota.....	-	-	-	-	388	99,830	5	510	216	127,135
Iowa.....	-	-	-	-	146	62,295	3	395	257	121,950
Missouri.....	-	-	(8)	2,665	13	15,160	6	220	31	26,010
North Dakota.....	-	-	-	-	29	16,640	1	190	9	289
South Dakota.....	-	-	-	-	32	14,405	-	-	140	68,875
Nebraska.....	-	-	-	-	19	36,990	1	150	178	86,955
Kansas.....	-	-	-	-	12	29,425	1	40	226	134,405
West North Central.....	-	-	(8)	2,665	639	274,745	17	1,505	1,337	664,710
Delaware.....	-	-	-	-	(8)	320	1	900	-	-
Maryland.....	-	-	-	-	4	3,330	3	540	-	-
Virginia.....	-	-	-	-	17	4,140	9	385	2	620
West Virginia.....	-	-	-	-	4	1,040	1	10	-	-
North Carolina.....	-	-	1	6,840	11	1,540	7	580	-	-
South Carolina.....	-	-	1	35	3	430	5	1,360	-	-
Georgia.....	-	-	3	69,135	10	670	9	170	-	-
Florida.....	-	-	(8)	13,500	11	325	63	17,280	-	-
South Atlantic.....	-	-	5	89,510	60	11,795	95	21,225	2	620
Kentucky.....	-	-	-	-	5	3,030	4	440	-	-
Tennessee.....	-	-	3	7,445	7	7,405	5	1,765	-	-
Alabama.....	-	-	6	43,615	1	40	2	135	-	-
Mississippi.....	-	-	44	32,580	5	3,315	1	20	5	295
East South Central.....	-	-	53	83,640	18	13,790	12	2,360	5	295
Arkansas.....	-	-	7	5,460	1	1,185	4	715	3	9,755
Louisiana.....	-	-	5	4,245	4	1,720	8	850	-	-
Oklahoma.....	-	-	53	27,740	5	13,785	1	25	82	53,645
Texas.....	-	-	7	81,570	10	5,215	9	2,425	62	23,380
West South Central.....	-	-	412	119,015	20	21,905	24	4,015	147	86,780
Montana.....	-	-	-	-	6	3,660	2	190	52	24,315
Idaho.....	1	1,745	-	-	6	10,275	5	2,755	9	5,255
Wyoming.....	2	1,990	-	-	2	860	-	-	4	3,825
Colorado.....	4	775	-	-	7	4,655	18	2,020	22	13,115
New Mexico.....	-	-	19	5,930	1	260	3	270	2	1,260
Arizona.....	-	-	7	5,765	3	270	6	325	-	-
Utah.....	-	-	-	-	8	2,710	6	2,745	5	1,745
Nevada.....	-	-	(8)	20	1	50	-	-	-	-
Mountain.....	7	4,510	24	11,715	34	22,740	40	8,305	94	49,515
Washington.....	1	570	-	-	11	3,860	54	5,830	35	11,550
Oregon.....	(8)	45	-	-	23	5,640	25	4,820	15	5,195
California.....	3	1,135	34	8,920	25	3,815	7	230	4	1,475
Pacific.....	4	1,750	34	8,920	59	13,315	309	39,205	54	18,220
TOTAL (48 States)....	14	8,530	528	315,465	1,401	604,040	616	100,345	1,974	1,069,300
Alaska.....	-	-	-	-	2	80	-	-	-	-
Hawaii.....	-	-	-	-	-	-	9	610	-	-
UNITED STATES.....	14	8,530	528	315,465	1,403	604,120	625	100,955	1,974	1,069,300

See end of table for footnote references
Table continued on following page.

Table 37. - Number¹ and estimated memberships² of farmer marketing, farm supply, and related service cooperatives, 1962-63 - Continued

(Classified according to major product handled or function performed.)

Geographic division and State	Livestock		Nut ¹⁰		Poultry and poultry products		Rice ⁷		Sugar products ¹¹	
	Cooperatives listed	Estimated memberships	Cooperatives listed	Estimated memberships	Cooperatives listed	Estimated memberships	Cooperatives listed	Estimated memberships	Cooperatives listed	Estimated memberships
Maine.....	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	1	535	-	-	-	-	-	-	1	105
Rhode Island.....	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	-	2	575	-	-	-	-
New England.....	1	535	-	-	2	575	-	-	1	105
New York.....	3	25,190	-	-	4	755	-	-	1	95
New Jersey.....	1	2,215	-	-	13	3,095	-	-	-	-
Pennsylvania.....	2	2,850	-	-	6	8,720	-	-	-	-
Middle Atlantic.....	6	30,255	-	-	23	12,570	-	-	1	95
Ohio.....	3	78,100	-	-	7	16,305	-	-	2	425
Indiana.....	3	64,945	-	-	1	10	-	-	-	-
Illinois.....	15	61,470	-	-	1	40	-	-	-	-
Michigan.....	7	18,585	-	-	2	165	-	-	7	3,130
Wisconsin.....	99	68,435	-	-	2	3,620	-	-	1	350
East North Central.....	127	291,535	-	-	13	20,140	-	-	10	3,905
Minnesota.....	148	134,255	-	-	8	2,115	-	-	2	295
Iowa.....	26	49,860	-	-	7	5,820	-	-	1	710
Missouri.....	5	40,685	-	-	1	10	-	-	-	-
North Dakota.....	29	24,815	-	-	-	-	-	-	(8)	95
South Dakota.....	3	15,505	-	-	9	4,415	-	-	1	105
Nebraska.....	2	33,615	-	-	2	720	-	-	3	2,195
Kansas.....	2	9,575	-	-	-	-	-	-	1	50
West North Central.....	215	308,310	-	-	27	13,080	-	-	8	3,450
Delaware.....	-	-	-	-	-	-	-	-	-	-
Maryland.....	-	-	-	-	1	20	-	-	-	-
Virginia.....	28	9,605	1	3,260	2	6,100	-	-	-	-
West Virginia.....	9	3,230	-	-	(8)	2,025	-	-	-	-
North Carolina.....	2	1,380	(8)	9,805	3	245	-	-	-	-
South Carolina.....	3	1,190	(8)	580	-	-	-	-	-	-
Georgia.....	2	1,770	1	30,000	2	100	-	-	-	-
Florida.....	4	910	-	-	4	140	-	-	4	205
South Atlantic.....	48	18,085	2	43,645	12	8,630	-	-	4	205
Kentucky.....	14	19,265	-	-	1	125	-	-	1	5
Tennessee.....	3	10,990	(8)	180	-	-	-	-	-	-
Alabama.....	7	6,720	-	-	1	400	-	-	-	-
Mississippi.....	1	24,955	-	-	-	-	2	150	-	-
East South Central.....	25	61,930	(8)	180	2	525	2	150	1	5
Arkansas.....	1	830	(8)	10	1	30	16	7,555	-	-
Louisiana.....	(8)	55	-	-	-	-	18	1,400	9	525
Oklahoma.....	1	26,020	1	4,855	1	85	-	-	-	-
Texas.....	4	12,510	1	5,245	3	165	18	2,520	-	-
West South Central.....	6	39,415	2	10,110	5	280	52	11,475	9	525
Montana.....	1	1,840	-	-	-	-	-	-	5	1,535
Idaho.....	6	965	-	-	-	-	-	-	9	5,880
Wyoming.....	(8)	1,270	-	-	-	-	-	-	2	1,305
Colorado.....	2	7,585	-	-	1	80	-	-	2	4,750
New Mexico.....	(8)	150	(8)	85	-	-	-	-	-	-
Arizona.....	(8)	185	(8)	20	-	-	-	-	-	-
Utah.....	1	2,815	-	-	3	270	-	-	10	2,400
Nevada.....	(8)	45	-	-	-	-	-	-	-	-
Mountain.....	10	14,855	(8)	105	4	350	-	-	28	15,870
Washington.....	2	185	(8)	145	-	-	-	-	1	1,135
Oregon.....	1	1,965	4	1,085	1	175	-	-	1	800
California.....	4	11,855	22	12,455	5	170	6	2,465	4	4,075
Pacific.....	7	14,005	26	13,685	6	345	6	2,465	6	6,010
TOTAL (48 States)....	445	778,925	30	67,725	94	56,495	60	14,090	68	30,170
Alaska.....	-	-	-	-	-	-	-	-	-	-
Hawaii.....	93	65	1	25	3	125	-	-	(8)	25
UNITED STATES.....	448	778,990	31	67,750	97	56,620	60	14,090	68	30,195

See end of table for footnote references.
Table continued on following page.

Table 37. - Number¹ and estimated memberships^{2,3} of farmer marketing, farm supply, and related service cooperatives, 1962-63³ - Continued

(Classified according to major product handled or function performed.)

Geographic division and State	Tobacco		Wool and mohair		Miscellaneous ^{1,2}		Total marketing	
	Cooperatives listed	Estimated memberships ^{1,3}	Cooperatives listed	Estimated memberships	Cooperatives listed	Estimated memberships	Cooperatives listed	Estimated memberships
	Number							
Maine.....	-	-	1	315	-	-	11	4,640
New Hampshire.....	-	-	-	-	-	-	6	1,685
Vermont.....	-	-	(8)	5	-	-	13	6,710
Massachusetts.....	1	115	2	265	-	-	13	3,525
Rhode Island.....	-	-	-	-	-	-	1	450
Connecticut.....	(8)	135	-	-	-	-	8	2,245
New England.....	1	250	3	585	-	-	52	19,255
New York.....	-	-	3	240	4	2,715	160	72,425
New Jersey.....	-	-	1	500	1	60	39	10,915
Pennsylvania.....	-	-	29	7,435	-	-	94	42,910
Middle Atlantic.....	-	-	33	8,175	5	2,775	293	126,250
Ohio.....	91	4,330	1	5,530	1	10	158	195,365
Indiana.....	(8)	3,750	-	-	-	-	53	166,595
Illinois.....	-	-	-	-	3	150	240	172,250
Michigan.....	-	-	(8)	420	4	170	93	77,330
Wisconsin.....	2	1,870	1	6,000	3	220	381	157,815
East North Central.....	3	9,950	2	11,950	11	550	925	769,355
Minnesota.....	(8)	20	1	12,975	3	250	771	377,385
Iowa.....	-	-	(8)	8,840	3	1,400	443	251,270
Missouri.....	(8)	1,330	2	2,580	-	-	58	88,660
North Dakota.....	-	-	3	575	-	-	351	141,695
South Dakota.....	-	-	(8)	7,805	1	30	186	111,140
Nebraska.....	-	-	(8)	6,355	1	45	206	167,025
Kansas.....	-	-	(8)	4,500	-	-	242	177,995
West North Central.....	(8)	1,350	6	43,630	8	1,725	2,257	1,315,170
Delaware.....	-	-	-	-	-	-	1	1,220
Maryland.....	2	15,100	-	-	1	5	11	18,995
Virginia.....	4	46,540	13	3,080	-	-	78	73,730
West Virginia.....	(8)	2,300	1,24	2,170	1	65	39	10,840
North Carolina.....	4	193,590	-	-	1	70	29	214,050
South Carolina.....	(8)	48,510	-	-	2	110	14	52,215
Georgia.....	(8)	37,890	-	-	1	3,685	23	143,420
Florida.....	2	7,210	-	-	4	55	92	39,625
South Atlantic.....	12	351,140	37	5,250	10	3,990	287	554,095
Kentucky.....	8	40,785	2	160	-	-	35	63,810
Tennessee.....	7	33,935	15	1,785	1	795	41	64,300
Alabama.....	-	-	-	-	1	20	18	50,930
Mississippi.....	-	-	8	985	2	455	68	62,755
East South Central.....	15	74,720	25	2,930	4	1,270	162	241,795
Arkansas.....	-	-	(8)	200	-	-	58	25,740
Louisiana.....	-	-	3	465	-	-	47	9,260
Oklahoma.....	-	-	(8)	2,000	-	-	144	128,155
Texas.....	-	-	(8)	300	2	60	433	133,390
West South Central.....	-	-	3	2,965	2	60	682	296,545
Montana.....	-	-	21	1,925	1	215	88	33,680
Idaho.....	-	-	13	2,410	3	465	52	29,750
Wyoming.....	-	-	6	855	-	-	16	10,105
Colorado.....	-	-	2	165	-	-	58	33,145
New Mexico.....	-	-	-	-	-	-	25	7,955
Arizona.....	-	-	-	-	-	-	14	6,565
Utah.....	-	-	4	580	2	850	39	14,115
Nevada.....	-	-	2	140	-	-	3	255
Mountain.....	-	-	48	6,075	6	1,530	295	135,570
Washington.....	-	-	(8)	935	5	195	109	24,405
Oregon.....	-	-	1	960	2	140	73	20,825
California.....	-	-	1	645	8	1,770	346	77,335
Pacific.....	-	-	2	2,540	15	2,105	528	122,565
TOTAL (48 States).....	31	437,410	159	84,100	61	14,005	5,481	3,580,600
Alaska.....	-	-	(8)	5	-	-	2	85
Hawaii.....	-	-	-	-	3	575	19	1,425
UNITED STATES.....	31	437,410	159	84,105	64	14,580	5,502	3,582,110

See end of table for footnote references.
Table continued on following page.

Table 37. - Number¹ and estimated memberships² of farmer marketing, farm supply, and related service cooperatives, 1962-63 - Continued

(Classified according to major product handled or function performed)

Geographic division and State	Farm supply		Service ¹⁵		Total	
	Cooperatives listed	Estimated memberships	Cooperatives listed	Estimated memberships	Cooperatives listed	Estimated memberships
	Number					
Maine.....	¹⁶ 5	12,470	-	-	16	17,110
New Hampshire.....	¹⁰ 2	3,470	-	-	8	5,155
Vermont.....	4	7,585	4	725	21	15,020
Massachusetts.....	¹⁶ 9	15,520	2	95	34	19,140
Rhode Island.....	(8)	1,325	1	115	2	1,890
Connecticut.....	12	7,895	3	205	23	10,345
New England.....	42	48,265	10	1,140	104	68,660
New York.....	249	75,550	5	1,440	414	149,415
New Jersey.....	27	21,110	2	120	68	32,145
Pennsylvania.....	89	120,635	5	140	188	163,685
Middle Atlantic.....	365	217,295	12	1,700	670	345,245
Ohio.....	97	114,870	4	820	259	311,055
Indiana.....	73	241,545	3	1,415	129	409,555
Illinois.....	152	262,890	21	8,290	413	443,430
Michigan.....	⁹⁶	78,160	7	130	196	155,620
Wisconsin.....	¹⁶ 273	251,975	18	1,325	672	411,115
East North Central.....	691	949,440	53	11,980	1,669	1,730,775
Minnesota.....	¹⁶ 334	233,385	22	4,990	1,127	615,760
Iowa.....	143	171,870	-	-	586	423,140
Missouri.....	146	337,035	1	170	205	425,865
North Dakota.....	136	102,930	7	860	494	245,485
South Dakota.....	112	78,635	1	35	299	189,810
Nebraska.....	157	115,180	7	1,525	370	283,730
Kansas.....	85	39,955	2	130	329	218,080
West North Central.....	1,113	1,078,990	40	7,710	3,410	2,401,870
Delaware.....	12	21,345	-	-	13	22,565
Maryland.....	49	62,955	5	670	65	82,620
Virginia.....	91	165,330	5	2,285	174	241,345
West Virginia.....	26	51,475	2	40	67	62,355
North Carolina.....	7	167,100	9	1,640	45	382,790
South Carolina.....	2	43,425	2	210	18	95,850
Georgia.....	50	34,245	-	-	73	177,665
Florida.....	18	6,870	1	5	111	46,500
South Atlantic.....	255	552,745	24	4,850	566	1,111,690
Kentucky.....	56	114,290	1	30	92	178,130
Tennessee.....	91	64,715	3	2,410	135	131,425
Alabama.....	41	37,975	3	830	62	89,735
Mississippi.....	65	96,765	3	755	136	160,275
East South Central.....	253	313,745	10	4,025	425	559,565
Arkansas.....	48	44,945	2	340	108	71,025
Louisiana.....	20	4,775	1	195	68	14,230
Oklahoma.....	27	14,280	1	675	172	143,110
Texas.....	67	29,145	22	4,880	522	167,415
West South Central.....	162	93,145	26	6,090	870	395,780
Montana.....	83	43,095	1	230	172	77,005
Idaho.....	32	29,020	1	1,000	85	59,770
Wyoming.....	5	2,970	-	-	25	13,075
Colorado.....	42	19,920	3	55	103	53,120
New Mexico.....	2	430	2	405	29	8,790
Arizona.....	3	69,740	-	-	17	76,305
Utah.....	18	15,285	3	605	60	30,005
Nevada.....	-	-	-	-	3	255
Mountain.....	189	180,460	10	2,295	494	318,325
Washington.....	64	87,395	2	155	175	111,955
Oregon.....	34	40,525	1	90	108	61,440
California.....	38	33,465	6	715	390	111,515
Pacific.....	136	161,385	9	960	673	284,910
TOTAL (48 States).....	3,206	3,595,470	194	40,750	8,881	7,216,820
Alaska.....	-	-	-	-	2	85
Hawaii.....	5	420	-	-	24	1,845
UNITED STATES.....	3,211	3,595,890	194	40,750	8,907	7,218,750

See next page for footnote references.

- 1 Includes independent local cooperatives, federations, and centralized cooperatives.
- 2 Includes members (those entitled to vote for directors) but does not include non-voting patrons. (There is some duplication in these membership figures because many farmers belong to more than one cooperative).
- 3 Preliminary data covering operations of cooperatives whose fiscal years ended during the period July 1, 1963, with limited exceptions.
- 4 Includes soybeans, soybean meal, and soybean oil.
- 5 It is estimated that approximately 4,600 additional members affiliated with other types of cooperatives market dry beans. These include Colorado, 2,500; Michigan, 900; Montana, 200; and New York, 1,000.
- 6 No individual memberships.
- 7 Cooperatives performing specific services on a commodity are included. Incorporated local associations of a federation that performs the actual marketing or processing are counted.
- 8 The cooperative which this membership is affiliated has been counted in the State in which the cooperative maintains its headquarters.
- 9 Cooperatives that are temporarily inactive because of crop failures or for other reasons are included.
- 10 Membership of cooperatives marketing nuts fluctuates from year to year and is affected by the extent to which producers participate in price support or stabilization programs.
- 11 Includes sugar, sugarcane, sugar beets, honey, maple syrup, molasses, and sorghum.
- 12 Includes forest products, fur pelts, hay, hops, nursery stock, tung oil, coffee, and other farm products not separately classified.
- 13 Member-patrons.
- 14 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.
- 15 Includes cooperatives furnishing special marketing or related services.
- 16 Includes incorporated local cooperatives without facilities that are affiliated with an operating regional cooperative.

Memberships

Reversing the downward trend for the first time since 1958-59, when a temporary reversal occurred, memberships in marketing, farm supply, and related service cooperatives in the United States increased by 119,770. This was an increase of 1.7 percent over the previous year. The total number of memberships amounted to 7,218,750 (table 38).

A total of 3,582,010 memberships in marketing cooperatives was reported in 1962-63, an increase of 162,010 over the previous year. These cooperatives accounted for 49.6 percent of the total number of memberships in cooperatives compared with 48.2 percent in 1961-62. Memberships in farm supply cooperatives dropped from 51.2 percent of the total to 49.8 percent, while those in service cooperatives remained at 0.6 percent. Many farmers were members of more than one cooperative and were counted two or more times. Therefore, the total memberships of 7,218,750 contained duplication not possible to eliminate under current reporting methods.

For those commodity groups that operate under price stabilization programs, particularly cotton, nuts, and tobacco, membership figures vary widely. Tobacco associations

participating in the administration of price supports were responsible for the largest proportion of the increase in cooperative memberships during 1962-63. Growth in the memberships of these stabilization associations periodically reverses the downward trend in total number of memberships in cooperatives. For several years this trend in cooperative memberships has reflected the continued decrease in total number of farmers in the United States.

The variety of services performed by cooperatives also affects membership figures. For example, a producer may use the services of a cooperative for marketing only one commodity out of a number of farm products marketed by the cooperative or for purchasing one or more production supplies from a cooperative classified in the marketing group. His business with the cooperative may not, therefore, be in the commodity group that represents the predominant portion of the cooperative's business volume and determines how the cooperative shall be classified in these statistics, but his membership will be included arbitrarily in that commodity group.

The number of marketing cooperatives and their estimated memberships are shown by specified commodity groups in table 39. Marketing associations in 5 commodity

Table 38.--Memberships in marketing, farm supply, and related service cooperatives, 1950-51 to 1962-63

Period ¹	Marketing		Farm supply		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	.9	7,603,855	100.0
1955-56	4,223,260	54.6	3,443,610	44.6	64,865	.8	7,731,735	100.0
1956-57	4,121,700	53.7	3,489,425	45.5	61,920	.8	7,673,045	100.0
1957-58	3,879,675	51.8	3,543,185	47.3	63,595	.9	7,486,455	100.0
1958-59	3,860,950	51.1	3,643,525	48.2	54,075	.7	7,558,550	100.0
1959-60	3,621,900	49.8	3,600,465	49.5	51,090	.7	7,273,455	100.0
1960-61	3,473,425	48.2	3,679,675	51.1	49,795	.7	7,202,895	100.0
1961-62 ²	3,420,100	48.2	3,634,690	51.2	44,190	.6	7,098,980	100.0
1962-63 ³	3,582,110	49.6	3,595,890	49.8	40,750	.6	7,218,750	100.0

¹ For years prior to 1950-51, see appendix table 6.

² Revised.

³ Preliminary.

Table 39.--Number and estimated memberships of farmer marketing cooperatives, by specified commodity groups, 1962-63¹

Commodity group (classified according to major product handled)	Cooperatives listed		Estimated memberships	
	Number	Percent	Number	Percent
Beans and peas (dry edible)	14	0.2	8,530	0.2
Cotton and cotton products	528	9.6	315,465	8.8
Dairy products	1,403	25.5	604,120	16.9
Fruits and vegetables	625	11.3	100,955	2.8
Grain, soybeans, soybean meal and oil	1,974	35.9	1,069,300	29.9
Livestock and livestock products	448	8.1	778,990	21.7
Nuts	31	.6	67,750	1.9
Poultry products	97	1.8	56,620	1.6
Rice	60	1.1	14,090	.4
Sugar products	68	1.2	30,195	.8
Tobacco	31	.6	437,410	12.2
Wool and mohair	159	2.9	84,105	2.4
Miscellaneous	64	1.2	14,580	.4
Total marketing	5,502	100.0	3,582,110	100.0

¹Preliminary.

groups--cotton, grain, nuts, tobacco, and miscellaneous--showed small increases. All other commodity groups had decreases in number of associations except sugar products which was unchanged from the previous year.

Membership increases for 6 commodity groups included small increases for the rice, sugar, and miscellaneous groups; moderate increases for the grain and nut groups; and a substantial increase for the tobacco group. All other commodity groups in the marketing category had decreases in their total number of memberships.

Number and estimated memberships of local and regional cooperatives are classified by commodity groups in table 40. Of the 8,907 cooperatives included in the 1962-63 survey, 8,121, or 91.2 percent, were local associations. These cooperatives had a total of 4,457,150 memberships, or 61.7 percent of the total. Regional cooperatives represented 8.8 percent of all associations with 38.3 percent of the memberships in 1962-63.

Minnesota was first among all States in number of marketing cooperatives with 771

and memberships with 377,385 (table 41). The same position was held by Minnesota 10 years previous, in 1953-54. The 10 ranking States accounted for 65.4 percent of the total number and 56.5 percent of the total memberships of marketing associations.

Minnesota was also the leading State in number of farm supply cooperatives with 334, but Missouri ranked first in number of farm supply association memberships with 337,035 (table 42). Minnesota retained the rank it held in 1953-54 in number of farm supply cooperatives. Missouri moved up from its 2d place position. The 10 ranking States accounted for 56.0 percent of the total number and 57.5 percent of the total memberships of these associations.

The average number of memberships in marketing, farm supply, and related service cooperatives increased from 755 in 1953-54 to 810 in 1962-63 (fig. 16). In the same period, average dollar volume per association, exclusive of intercooperative business, increased steadily from \$941,000 to over \$1.5 million.

Table 40.--Number and estimated memberships of marketing, farm supply, and related service cooperatives, by specified commodity groups, for local and regional cooperatives, 1962-63¹

Commodity group (classified according to major product or function)	Cooperatives				Memberships ²			
	Local		Regional		Local		Regional	
	Number	Percent of total in each commodity group	Number	Percent of total in each commodity group	Number	Percent of total in each commodity group	Number	Percent of total in each commodity group
Beans and peas (dry edible)	6	42.9	8	57.1	3,060	35.9	5,470	64.1
Cotton and products	496	93.9	32	6.1	102,795	32.6	212,670	67.4
Dairy products	1,101	78.5	³ 302	21.5	339,565	56.2	264,555	43.8
Fruits and vegetables	533	85.3	³ 92	14.7	54,185	53.7	46,770	46.3
Grain ⁴	1,944	98.5	30	1.5	1,013,190	94.8	56,110	5.2
Livestock and products	410	91.5	38	8.5	141,005	18.1	637,985	81.9
Nuts	25	80.6	6	19.4	9,110	13.4	58,640	86.6
Poultry products	80	82.5	³ 17	17.5	46,930	82.9	9,690	17.1
Rice	54	90.0	6	10.0	5,995	42.5	8,095	57.5
Sugar products	-	-	³ 68	100.0	-	-	30,195	100.0
Tobacco	-	-	31	100.0	-	-	437,410	100.0
Wool and mohair	144	90.6	15	9.4	22,680	27.0	61,425	73.0
Miscellaneous	60	93.8	4	6.2	14,260	97.8	320	2.2
Total marketing	4,853	88.2	649	11.8	1,752,775	48.9	1,829,335	51.1
Farm supply	3,088	96.2	123	3.8	2,665,095	74.1	930,795	25.9
Service	180	92.8	14	7.2	39,280	96.4	1,470	3.6
Total marketing, farm supply, and service	8,121	91.2	786	8.8	4,457,150	61.7	2,761,600	38.3

¹ Preliminary.

² Membership figures are greatly affected each year by the comparative importance of cooperatives in price stabilization programs, particularly in cotton, nuts, and tobacco. They are also affected by the number of members reported who may not be active patrons in a specific year.

³ Includes bargaining cooperatives. See definition in appendix, page 69.

⁴ Includes soybean marketing and processing cooperatives.

Table 41.--Number and estimated memberships of farmer marketing cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54

State	Cooperatives listed ¹		Rank		State	Memberships listed ¹		Rank	
	Number	Percent	1962-63	1953-54		Number	Percent	1962-63	1953-54
Minnesota	771	14.0	1	1	Minnesota	377,385	10.5	1	1
Iowa	443	8.0	2	2	Iowa	251,270	7.0	2	4
Texas	433	7.9	3	4	North Carolina	214,050	6.0	3	8
Wisconsin	381	6.9	4	3	Ohio	195,365	5.5	4	2
North Dakota	351	6.4	5	6	Kansas	177,995	5.0	5	14
California	346	6.3	6	5	Illinois	172,250	4.8	6	3
Kansas	242	4.4	7	8	Nebraska	167,025	4.7	7	11
Illinois	240	4.4	8	7	Indiana	166,595	4.6	8	7
Nebraska	206	3.7	9	9	Wisconsin	157,815	4.4	9	9
South Dakota	186	3.4	10	10	Georgia	143,420	4.0	10	16
Others	1,903	34.6	-	-	Others	1,558,940	43.5	-	-
Total	5,502	100.0	-	-	Total	3,582,110	100.0	-	-

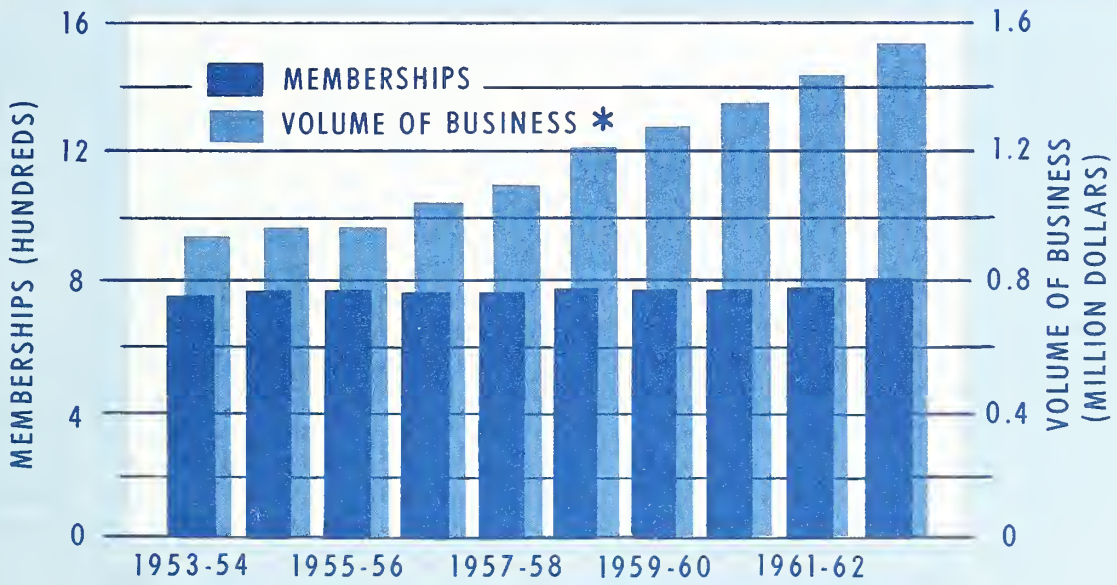
¹ Preliminary.

Table 42.--Number and estimated memberships of farm supply cooperatives in the 10 ranking States in 1962-63 and their rank in 1953-54

State	Cooperatives listed ¹		Rank		State	Memberships listed ¹		Rank	
	Number	Percent	1962-63	1953-54		Number	Percent	1962-63	1953-54
Minnesota	334	10.4	1	1	Missouri	337,035	9.4	1	2
Wisconsin	273	8.5	2	2	Illinois	262,890	7.3	2	1
New York	249	7.8	3	3	Wisconsin	251,975	7.0	3	3
Nebraska	157	4.9	4	7	Indiana	241,545	6.7	4	4
Illinois	152	4.7	5	5	Minnesota	233,385	6.5	5	5
Missouri	146	4.5	6	4	Iowa	171,870	4.8	6	7
Iowa	143	4.5	7	6	North Carolina	167,100	4.6	7	6
North Dakota	136	4.2	8	8	Virginia	165,330	4.6	8	8
South Dakota	112	3.5	9	11	Pennsylvania	120,635	3.4	9	9
Ohio	97	3.0	10	9	Nebraska	115,180	3.2	10	12
Others	1,412	44.0	-	-	Others	1,528,945	42.5	-	-
Total	3,211	100.0	-	-	Total	3,595,890	100.0	-	-

¹ Preliminary.

FIG. 16 Average Number of Memberships and Average Dollar Volume Per Cooperative



* Excludes intercooperative business.

APPENDIX

The explanation that follows of the methods used in classifying cooperatives for the annual survey should give users of this report a better understanding of the types of cooperatives covered in these statistics.

Classification of Cooperatives

The 1962-63 survey discussed in this report included only marketing, farm supply, and related service cooperatives. 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 include those associations whose business is predominantly marketing farm products for their patrons, with more than 50 percent of their total dollar volume derived from the sale of such products.

Marketing cooperatives are further classified in this report according to which major commodity out of 13 classifications is predominant in each association's business, measured on the basis of dollar volume. Farm supply cooperatives are those whose farm supply business accounts for more than 50 percent of their total dollar volume. Related service cooperatives have the major function of 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 such related services as storing, drying, and trucking, for their patrons. Such associations are classified according to the predominant commodity or function in their business volumes.

Cooperatives are also classified according to organizational structure as follows:

Local Association. - A local association is essentially a cooperative providing coopera-

tive 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 is one that serves a district comprised 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 described 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 more than 8 or 10 counties. 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 there are no autonomous local associations.

3. Cooperatives with large volumes that are neither strictly federated nor strictly centralized as they have both local cooperatives and individual farmers as members.

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 over price, quantities, grade, terms of sale, and other factors involved in selling members' farm products. While the primary function of

such an association is to bring buyer and seller together to contract for the sale of members' products, many bargaining associations now perform additional functions. Dairy bargaining associations at one time generally performed only price negotiation functions. Many now, however, perform such additional functions 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.

Users of these national statistics 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.

Frequently 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) The Farmer Cooperative Service may not have received information on the cooperative; or, (2) the cooperative may not have completed and returned the initial questionnaire sent to it by Farmer Cooperative Service to obtain data on its status as a bona fide farmer cooperative.

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 to an amount greater in value than it handles for its members.

For many years it has been the practice in the national survey to classify 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 that provided the basis for classification when it was first included 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.

From the previous discussion, it can be seen that there will frequently be differences between the national statistics and those published as the result of specific State surveys.

In the 1950-51 survey, cooperatives for the first time in an annual survey furnished data by individual commodities handled and services performed.¹ Regional cooperatives were requested 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 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.

Cooperative Participation

In the 1962-63 survey discussed in this report, 94 percent of the 8,907 cooperatives listed with Farmer Cooperative Service furnished current information on their memberships and dollar volumes (appendix table 1). All but a few of the associations in the remaining 6 percent had furnished reports earlier during the period covered between the 1950-51 and 1961-62 surveys. On the basis of these

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. Farm Credit Admin. Misc. Rpt. 169. See pp. 1-3.

earlier reports, it was possible to develop estimates for these associations on an individual association basis. General estimates based on averages for commodity and State groups were, therefore, required for less than 1 percent of the 8,907 cooperatives included in this survey.

Appendix table 1.--Cooperatives furnishing information for survey, 1950-51 to 1962-63

Fiscal year	Total number of cooperatives included ¹	Percent of cooperatives furnishing current information
1950-51	10,051	80
1951-52	10,166	87
1952-53	10,114	90
1953-54	10,058	92
1954-55	9,887	92
1955-56	9,876	93
1956-57	9,872	92
1957-58	9,716	92
1958-59	9,658	93
1959-60	9,345	95
1960-61	9,163	94
1961-62	9,039	94
1962-63	8,907	94

¹ Years prior to 1958-59 not adjusted to include Alaska and Hawaii.

Cooperatives Furnishing Information

The number of cooperatives on which information was received in the 1962-63 survey, classified according to major commodity groups, is shown in appendix table 2. On a functional basis, information was supplied by 93 percent of the total number of marketing cooperatives, 95 percent of the farm supply cooperatives, and 91 percent of the service cooperatives.

All but two of the commodity groups among the marketing cooperatives showed a percentage of 92 or above from which current information was received. These two commodity groups were livestock, with 81 percent, and sugar products, with 85 percent, of the respective associations reporting.

In the total of 8,907 cooperatives, branches and subsidiaries were not included as in-

dividual organizations. Each cooperative, irrespective of the number of subsidiaries or branches it owned, was counted as one association.

Procedures for Obtaining Information

The complex operations of many regional farm supply cooperatives require that at least 3 months elapse to permit completion of their audits before the first request is mailed out from Farmer Cooperative Service. If no response to the first request is received, a second request is mailed 6 weeks later. If again no reply is received, a third request follows in another 6 weeks. In this procedure, 6 months are required for these three regular requests.

Many special letters are sent to officers or staff members to obtain information or to verify or correct information received that appears to be inaccurate. These letters are time consuming but are essential in obtaining complete and accurate data.

In addition to obtaining data through special correspondence, a careful review is made of many cooperative publications to develop current information on nonreporting associations. These publications frequently furnish information on the annual meetings of affiliated locals. The annual volume figures published in such articles often provide a basis for requesting a more detailed or complete commodity breakdown through correspondence or for making special estimates.

For the very small number of cooperatives from whom no specific information can be obtained on business volume either directly or indirectly, estimates are compiled on the basis of averages developed for reporting cooperatives. Estimates on the number of members in nonreporting cooperatives are developed on an individual association basis using the most recent membership figure supplied by the nonreporting association. This arbitrary estimate tends to reflect more or less static membership for less than 1 percent of the total number of associations.

Appendix table 2.--Number and percent of returns from 8,907 cooperatives, 1962-63

Commodity group (classified according to major product or function)	Local cooperatives			Regional cooperatives ¹			Total		
	Number listed	Associations on which current information was received ²		Number listed	Associations on which current information was received ²		Number listed	Associations on which current information was received ²	
		Number	Percent		Number	Percent		Number	Percent
Beans and peas (dry edible)	6	6	100	8	8	100	14	14	100
Cotton and products ³	496	466	94	32	32	100	528	498	94
Dairy products	1,101	1,059	96	⁴ 302	289	96	1,403	1,348	96
Fruits and vegetables	533	512	96	⁴ 92	91	99	625	603	96
Grain ⁵	1,944	1,794	92	30	30	100	1,974	1,824	92
Livestock and products ⁶	410	327	80	38	38	100	448	365	81
Nuts	25	25	100	6	6	100	31	31	100
Poultry and products	80	79	99	⁴ 17	17	100	97	96	99
Rice	54	52	96	6	6	100	60	58	97
Sugar products ⁷	-	-	-	⁴ 68	58	85	68	58	85
Tobacco	-	-	-	31	31	100	31	31	100
Wool and mohair	144	134	93	15	15	100	159	149	94
Miscellaneous ⁸	60	58	97	4	4	100	64	62	97
Total marketing	4,853	4,512	93	649	625	96	5,502	5,137	93
Farm supply	3,088	2,942	95	123	122	99	3,211	3,064	95
Service	180	163	91	14	14	100	194	177	91
Total marketing, farm supply, and service	8,121	7,617	94	786	761	97	8,907	8,378	94

¹ See page 69 for definition of regional cooperatives.

² Includes cooperatives which did not return the annual survey questionnaire, but for which detailed audits or other operating or financial statements were supplied.

³ Includes cooperatives marketing or ginning cotton and processing cotton products.

⁴ Includes bargaining cooperatives.

⁵ Includes soybean marketing, and processing cooperatives.

⁶ Includes livestock marketing, trucking, and processing cooperatives.

⁷ Includes sugar, sugarcane, sugar beets, honey, maple syrup, molasses, and sorghum.

⁸ Includes coffee, forest products, fur pelts, hay, hops, nursery stock, tung oil, and other commodities not specified elsewhere.

Appendix table 3.--Number, memberships, and dollar volume of marketing, farm supply, and related service cooperatives, by States, 1962-63¹

State	Cooperatives		Memberships in State		Net business (excludes inter-cooperative business)		
	Number	Percent	Number	Percent	Amount \$1,000	Percent	State rank
Alabama	62	0.7	89,735	1.2	91,492	0.7	35
Alaska	2	(²)	85	(²)	5,300	(²)	49
Arizona	17	.2	76,305	1.1	107,422	.8	32
Arkansas	108	1.2	71,025	1.0	201,105	1.4	24
California	390	4.4	111,515	1.5	1,520,454	11.0	1
Colorado	103	1.2	53,120	.7	171,064	1.2	25
Connecticut	23	.3	10,345	.1	56,407	.4	40
Delaware	13	.1	22,565	.3	15,273	.1	46
Florida	111	1.2	46,500	.6	276,524	2.0	17
Georgia	73	.8	177,665	2.5	156,144	1.1	26
Hawaii	24	.3	1,845	(²)	12,684	.1	47
Idaho	85	1.0	59,770	.8	142,272	1.0	27
Illinois	413	4.6	443,430	6.1	765,808	5.5	4
Indiana	129	1.4	409,555	5.7	496,311	3.6	10
Iowa	586	6.6	423,140	5.9	830,949	6.0	3
Kansas	329	3.7	218,080	3.0	513,232	3.7	9
Kentucky	92	1.0	178,130	2.5	140,504	1.0	28
Louisiana	68	.8	14,230	.2	81,294	.6	37
Maine	16	.2	17,110	.2	50,774	.4	41
Maryland	65	.7	82,620	1.2	117,142	.8	30
Massachusetts	34	.4	19,140	.3	72,544	.5	38
Michigan	196	2.2	155,620	2.2	397,887	2.9	11
Minnesota	1,127	12.7	615,760	8.5	921,447	6.7	2
Mississippi	136	1.5	160,275	2.2	265,945	1.9	19
Missouri	205	2.3	425,865	5.9	369,154	2.7	15
Montana	172	1.9	77,005	1.1	121,247	.9	29
Nebraska	370	4.2	283,730	3.9	386,166	2.8	12
Nevada	3	(²)	255	(²)	5,160	(²)	50
New Hampshire	8	.1	5,155	.1	22,172	.2	44
New Jersey	68	.8	32,145	.5	97,786	.7	34
New Mexico	29	.3	8,790	.1	37,759	.3	42
New York	414	4.6	149,415	2.1	645,927	4.7	8
North Carolina	45	.5	382,790	5.3	272,445	2.0	18
North Dakota	494	5.5	245,485	3.4	359,542	2.6	16
Ohio	259	2.9	311,055	4.3	648,540	4.7	7
Oklahoma	172	1.9	143,110	2.0	239,875	1.7	20
Oregon	108	1.2	61,440	.9	223,944	1.6	21
Pennsylvania	188	2.1	163,685	2.3	372,065	2.7	14
Rhode Island	2	(²)	1,890	(²)	10,479	.1	48
South Carolina	18	.2	95,850	1.3	59,813	.4	39
South Dakota	299	3.4	189,810	2.6	220,117	1.6	22
Tennessee	135	1.5	131,425	1.8	113,554	.8	31
Texas	522	5.9	167,415	2.3	655,228	4.7	6
Utah	60	.7	30,005	.4	98,134	.7	33
Vermont	21	.2	15,020	.2	91,210	.7	36
Virginia	174	2.0	241,345	3.3	219,023	1.6	23
Washington	175	2.0	111,955	1.6	376,732	2.7	13
West Virginia	67	.8	62,355	.9	37,129	.3	43
Wisconsin	672	7.5	411,115	5.7	730,741	5.3	5
Wyoming	25	.3	13,075	.2	17,926	.1	45
United States	8,907	100.0	7,218,750	100.0	13,841,846	100.0	-

¹ Preliminary.

² Less than 0.05 percent.

Appendix table 4.-Estimated business in specified commodity and service groups of marketing, farm supply, and related service cooperatives, 1961-62

Item	Cooperatives handling		Gross business (includes intercooperative business)		Net business (excludes intercooperative business)	
	Number	Percent of total cooperatives ¹	Amount	Percent	Amount	Percent
			<u>\$1,000</u>		<u>\$1,000</u>	
Products marketed for patrons:						
Beans and peas (dry edible)	66	0,7	40,190	0,2	30,548	0,2
Cotton and cotton products	555	6,1	717,920	4,2	624,607	4,8
Dairy products	1,550	17,1	4,401,113	25,6	3,425,433	26,3
Fruits and vegetables	670	7,4	1,390,759	8,1	1,002,590	7,7
Grain, soybeans, soybean meal and oil	2,650	29,3	3,295,382	19,1	2,162,219	16,6
Livestock and livestock products	530	5,9	1,622,108	9,4	1,512,571	11,6
Nuts	107	1,2	130,446	.8	117,380	.9
Poultry products	536	5,9	502,517	2,9	423,905	3,2
Rice	61	.7	205,427	1,2	177,684	1,4
Sugar products	66	.7	411,036	2,4	411,036	3,2
Tobacco	31	.3	201,003	1,2	201,003	1,5
Wool and mohair	276	3,1	24,886	.1	24,258	.2
Miscellaneous ²	212	2,3	49,869	.3	47,130	.4
Total farm products	³ 6,422	71,0	12,992,656	75,5	10,160,364	78,0
Supplies purchased for patrons:						
Building materials	1,672	18,5	143,272	.8	95,576	.7
Containers	1,128	12,5	60,124	.4	28,501	.2
Farm machinery and equipment	1,833	20,3	105,447	.6	75,112	.6
Feed	4,395	48,6	1,281,360	7,4	935,631	7,2
Fertilizer	4,314	47,7	682,380	4,0	387,224	3,0
Meats and groceries	878	9,7	68,874	.4	55,090	.4
Petroleum products	2,781	30,8	996,256	5,8	624,688	4,8
Seed	3,900	43,1	143,006	.8	100,969	.8
Sprays and dusts (farm chemicals)	3,095	34,2	92,067	.5	62,328	.5
Miscellaneous	4,578	50,6	342,063	2,0	196,219	1,5
Total farm supplies	³ 6,982	77,2	3,914,849	22,7	2,561,338	19,7
Receipts for services:						
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous	³ 5,495	60,8	⁴ 302,102	1,8	⁴ 302,102	2,3
Total business	³ 9,039	100,0	17,209,607	100,0	13,023,804	100,0

¹ Number of cooperatives handling each commodity group is computed as a percentage of the total number of 9,039 cooperatives listed.

² Includes coffee, forest products, fur pelts, hay, hops, seed marketed for growers, nursery stock, tung oil, and other farm products not separately classified.

³ 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.

⁴ Charges for services in which no duplication occurs.

Appendix table 5. - Number listed of marketing and farm supply cooperatives¹ for specified periods,² 1913 to 1949-50

Period	Marketing		Farm supply		Total	
	Number	Percent	Number	Percent	Number	Percent
1913 ³	2,988	96.4	111	3.6	3,099	100.0
1915 ³	5,149	94.9	275	5.1	5,424	100.0
1921 ⁴	6,476	87.8	898	12.2	7,374	100.0
1925-26	9,586	88.7	1,217	11.3	10,803	100.0
1927-28	10,195	89.4	1,205	10.6	11,400	100.0
1929-30	10,546	87.9	1,454	12.1	12,000	100.0
1930-31	10,362	86.7	1,588	13.3	11,950	100.0
1931-32	10,255	86.2	1,645	13.8	11,900	100.0
1932-33	9,352	85.0	1,648	15.0	11,000	100.0
1933-34	9,052	83.0	1,848	17.0	10,900	100.0
1934-35	8,794	82.2	1,906	17.8	10,700	100.0
1935-36	8,388	79.9	2,112	20.1	10,500	100.0
1936-37 ⁵	8,142	75.8	2,601	24.2	10,743	100.0
1937-38	8,300	76.2	2,600	23.8	10,900	100.0
1938-39	8,100	75.7	2,600	24.3	10,700	100.0
1939-40	8,051	75.3	2,649	24.7	10,700	100.0
1940-41	7,943	74.9	2,657	25.1	10,600	100.0
1941-42	7,824	74.2	2,726	25.8	10,550	100.0
1942-43	7,708	73.8	2,742	26.2	10,450	100.0
1943-44	7,522	73.0	2,778	27.0	10,300	100.0
1944-45	7,400	72.9	2,750	27.1	10,150	100.0
1945-46	7,378	72.7	2,772	27.3	10,150	100.0
1946-47	7,268	71.8	2,857	28.2	10,125	100.0
1947-48	7,159	70.6	2,976	29.4	10,135	100.0
1948-49	6,993	69.4	3,082	30.6	10,075	100.0
1949-50	6,922	69.0	3,113	31.0	10,035	100.0

¹Includes independent local associations, federations, centralized associations, and sales agencies.

²Most statistics pertaining to marketing and farm supply cooperatives are now compiled on the basis of the marketing season which includes the period during which the farm products of a specified year are moved into the channels of trade. Marketing seasons overlap.

³Compiled from tables appearing in U. S. Dept. Agr. Bul. 547, 82 pp., illus., 1917. See pp. 14-25; and U. S. Dept. Agr. Tech. Bul. 40, 98 pp., illus., 1928. See pp. 70-75.

⁴Includes only associations reporting dollar business.

⁵Information is from a survey made by the Farm Credit Administration in cooperation with the district banks for cooperatives and 33 State agricultural colleges, for 1936-37.

Appendix table 6. - *Estimated membership¹ of marketing and farm supply cooperatives for specified periods,² 1915 to 1949-50*

Period	Marketing		Farm supply		Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
1915 ³	591,683	90.9	59,503	9.1	651,186	100.0
1925-26	2,453,000	90.9	247,000	9.1	2,700,000	100.0
1927-28	2,602,000	86.7	398,000	13.3	3,000,000	100.0
1929-30	2,630,000	84.8	470,000	15.2	3,100,000	100.0
1930-31	2,608,000	86.9	392,000	13.1	3,000,000	100.0
1931-32	2,667,000	83.3	533,000	16.7	3,200,000	100.0
1932-33	2,457,300	81.9	542,700	18.1	3,000,000	100.0
1933-34	2,464,000	78.1	692,000	21.9	3,156,000	100.0
1934-35	2,490,000	75.9	790,000	24.1	3,280,000	100.0
1935-36	2,710,000	74.0	950,000	26.0	3,660,000	100.0
1936-37 ⁴	2,414,000	73.8	856,000	26.2	3,270,000	100.0
1937-38	2,500,000	73.5	900,000	26.5	3,400,000	100.0
1938-39	2,410,000	73.0	890,000	27.0	3,300,000	100.0
1939-40	2,300,000	71.9	900,000	28.1	3,200,000	100.0
1940-41	2,420,000	71.2	980,000	28.8	3,400,000	100.0
1941-42	2,430,000	67.5	1,170,000	32.5	3,600,000	100.0
1942-43	2,580,000	67.0	1,270,000	33.0	3,850,000	100.0
1943-44	2,730,000	64.2	1,520,000	35.8	4,250,000	100.0
1944-45	2,895,000	64.3	1,610,000	35.7	4,505,000	100.0
1945-46	3,150,000	62.9	1,860,000	37.1	5,010,000	100.0
1946-47	3,378,000	62.1	2,058,000	37.9	5,436,000	100.0
1947-48	3,630,000	61.6	2,260,000	38.4	5,890,000	100.0
1948-49	3,973,000	62.2	2,411,000	37.8	6,384,000	100.0
1949-50	4,075,000	61.9	2,509,000	38.1	6,584,000	100.0

¹The membership estimates for the years since about 1935 include members, contract members, and shareholders, but do not include patrons not in these categories. (There is some duplication in these membership figures due to the fact that some farmers belong to more than one association.)

²Most statistics pertaining to marketing and farm supply cooperatives are now compiled on the basis of the marketing season which includes the period during which the farm products of a specified year are moved into the channels of trade. Marketing seasons overlap.

³Compiled from tables in U. S. Dept. Agr. Bul. 547, 82 pp., illus., 1917. See pp. 14-25; and U. S. Dept. Agr. Tech. Bul. 40, 98 pp., illus., 1928. See pp. 70-75.

⁴Estimates are based on data collected by the Farm Credit Administration in cooperation with the banks for cooperatives and 33 State agricultural colleges for 1936-37.

Appendix table 7. - *Estimated business¹ of marketing and farm supply cooperatives for specified periods,² 1913 to 1949-50*

Period	Marketing		Farm supply		Total	
	\$1,000	Percent	\$1,000	Percent	\$1,000	Percent
1913 ³	304,385	98.1	5,928	1.9	310,313	100.0
1915 ³	624,161	98.2	11,678	1.8	635,839	100.0
1921	1,198,493	95.4	57,721	4.6	1,256,214	100.0
1925-26	2,265,000	94.4	135,000	5.6	2,400,000	100.0
1927-28	2,172,000	94.4	128,000	5.6	2,300,000	100.0
1929-30	2,310,000	92.4	190,000	7.6	2,500,000	100.0
1930-31	2,185,000	91.0	215,000	9.0	2,400,000	100.0
1931-32	1,744,000	90.6	181,000	9.4	1,925,000	100.0
1932-33	1,199,500	89.5	140,500	10.5	1,340,000	100.0
1933-34	1,213,000	88.9	152,000	11.1	1,365,000	100.0
1934-35	1,343,000	87.8	187,000	12.2	1,530,000	100.0
1935-36	⁴ 1,586,000	86.2	⁴ 254,000	13.8	1,840,000	100.0
1936-37 ⁵	⁴ 1,882,600	85.7	⁴ 313,400	14.3	2,196,000	100.0
1937-38	⁴ 2,050,000	85.4	⁴ 350,000	14.6	2,400,000	100.0
1938-39	⁴ 1,765,000	84.0	⁴ 335,000	16.0	2,100,000	100.0
1939-40	⁴ 1,729,000	82.8	⁴ 358,000	17.2	2,087,000	100.0
1940-41	⁴ 1,911,000	83.8	⁴ 369,000	16.2	2,280,000	100.0
1941-42	⁴ 2,360,000	83.1	⁴ 480,000	16.9	2,840,000	100.0
1942-43	⁴ 3,180,000	84.1	⁴ 600,000	15.9	3,780,000	100.0
1943-44	⁴ 4,430,000	85.9	⁴ 730,000	14.1	5,160,000	100.0
1944-45	⁴ 4,835,000	85.7	⁴ 810,000	14.3	5,645,000	100.0
1945-46	⁴ 5,147,000	84.8	⁴ 923,000	15.2	6,070,000	100.0
1946-47	⁴ 6,005,000	84.4	⁴ 1,111,000	15.6	7,116,000	100.0
1947-48	⁴ 7,195,000	83.3	⁴ 1,440,000	16.7	8,635,000	100.0
1948-49	⁴ 7,700,000	82.6	⁴ 1,620,000	17.4	9,320,000	100.0
1949-50	⁴ 7,082,600	81.2	⁴ 1,643,400	18.8	8,726,000	100.0

¹Includes the value of commodities sold or purchased for patrons and the service charges for associations rendering other essential services either in marketing or purchasing.

²Most statistics pertaining to marketing and farm supply cooperatives are now compiled on the basis of the marketing season which includes the period during which the farm products of a specified year are moved into the channels of trade. Marketing seasons overlap.

³Compiled from tables appearing in U. S. Dept. Agr. Bul. 547, 82 pp., illus., 1917. See pp. 14-25; and U. S. Dept. Agr. Tech. Bul. 40, 98 pp., illus., 1928. See pp. 70-75.

⁴Combining the supply business by all associations the estimated totals are: 1935-36 marketing season, \$315,000,000; 1936-37, \$313,400,000; 1937-38, \$440,000,000; 1938-39, \$416,000,000; 1939-40, \$448,200,000; 1940-41, \$450,000,000; 1941-42, \$600,000,000; 1942-43, \$750,000,000; 1943-44, \$1,010,000,000; 1944-45, \$1,095,000,000; 1945-46, \$1,220,000,000; 1946-47, \$1,452,000,000; 1947-48, \$1,822,000,000; 1948-49, \$2,022,440,000; 1949-50, \$2,233,856,000.

⁵Estimates are based on data collected by the Farm Credit Administration in cooperation with the banks for cooperatives and 33 State agricultural colleges for 1936-37.

Appendix table 8. - Number of farmers' mutual fire insurance companies, insurance in force, and costs, 1914-61^{1 2}

Year	Companies ³	Amount of insurance in force Dec. 31	Cost per \$100 of insurance		
			Losses	Expenses	Total
	Number	\$1,000		Cents	
1914	1,947	5,264,119	20.4	6.0	26.4
1915	1,879	5,366,760	17.5	6.0	23.5
1916	1,883	5,635,968	19.6	5.9	25.5
1917	1,829	5,876,853	18.2	6.4	24.6
1918	1,866	6,391,522	18.8	6.3	25.1
1919	1,922	6,937,523	17.3	7.8	25.1
1920	1,944	7,865,988	17.4	8.4	25.8
1921	1,951	8,409,683	19.4	7.8	27.2
1922	1,918	8,769,948	20.9	5.8	26.7
1923	1,907	9,057,938	19.8	6.6	26.4
1924	1,929	9,487,029	20.4	6.5	26.9
1925	1,839	9,477,139	21.1	6.7	27.8
1926	1,911	9,988,580	19.4	6.9	26.3
1927	1,889	10,345,463	19.0	6.3	25.3
1928	1,884	10,781,212	20.5	6.6	27.1
1929	1,876	11,118,510	21.8	6.6	28.4
1930	1,886	11,382,104	24.8	6.8	31.6
1931	1,863	11,292,339	24.1	6.9	31.0
1932	1,847	10,974,082	24.9	7.1	32.0
1933	1,826	10,466,384	21.2	7.3	28.5
1934	1,852	10,571,508	19.7	7.2	26.9
1935	1,941	11,083,300	15.7	7.5	23.2
1936	1,936	11,339,510	20.7	7.4	28.1
1937	1,924	11,569,476	16.5	7.6	24.1
1938	1,914	11,868,569	18.0	8.0	26.0
1939	1,904	12,143,881	18.4	8.2	26.6
1940	1,898	12,294,287	17.1	8.1	25.2
1941	1,885	12,518,913	16.2	8.4	24.6
1942	1,877	12,982,390	14.6	8.1	22.7
1943	1,878	13,777,555	16.2	7.7	23.9
1944	1,847	14,221,012	15.9	7.8	23.7
1945	1,841	15,170,456	15.6	8.0	23.6
1946	1,833	16,941,434	15.8	8.8	24.6
1947	1,803	19,263,745	15.8	8.5	24.3
1948	1,806	20,769,410	16.4	8.7	25.1
1949	1,808	22,488,417	14.0	8.3	22.3
1950	1,777	24,160,742	14.6	8.4	23.0
1951	1,745	25,493,692	14.1	8.0	22.1
1952	1,759	27,716,145	13.8	8.2	22.0
1953	1,694	26,898,393	14.3	7.3	21.6
1954	1,709	28,295,428	16.7	7.5	24.2
1955	1,651	28,222,975	15.9	7.5	23.4
1956	1,636	28,547,955	15.9	7.9	23.8
1957	1,634	29,164,350	14.7	7.9	22.6
1958	1,633	30,693,815	15.5	8.3	23.8
1959	1,608	32,516,186	17.3	8.5	25.8
1960 ⁴	1,592	33,932,135	16.9	8.4	25.3
1961 ⁵	1,600	35,278,000	18.6	7.5	26.1

¹Data supplied by the Bureau of Agricultural Economics for periods 1914-33 and 1948-52. Data for years 1934-41 supplied by Insurance Section, Cooperative Research and Service Division, FCA, and from 1953 by Farm Economics Division, ERS.

²1914-33 includes companies with more than 65 percent of their insurance on farm property; later years those with more than 50 percent. In recent years between 86 and 88 percent of total insurance has been on farm property.

³Number of companies for which data were obtained; perhaps not entirely complete for any year.

⁴Revised.

⁵Preliminary.

Appendix table 9.--Major types, number, and memberships of farmer cooperatives

Type	Year or date of data	Associations	Estimated memberships or participants
Marketing and farm supply:			
Marketing ¹	1962-63	² 5,502	3,582,110
Farm supply ¹	1962-63	³ 3,211	3,595,890
Miscellaneous services ^{1, 4}	1962-63	⁵ 194	40,750
Service:			
Federal land bank associations ⁶	Jan. 1, 1965	738	⁷ 362,131
Production credit associations ⁶	Jan. 1, 1965	483	537,526
Banks for cooperatives ⁶	Jan. 1, 1965	13	⁸ 3,838,088
Rural credit unions ⁹	Jan. 1, 1964	700	258,692
Rural electric cooperatives ¹⁰	Oct. 1, 1964	¹¹ 913	¹² 4,951,081
Rural telephone cooperatives ¹⁰	Oct. 1, 1964	¹¹ 212	¹² 455,045
Farmers' mutual fire insurance companies ¹³	Jan. 1, 1964	1,500	3,500,000
Production:			
Mutual irrigation companies ¹⁴	1959	7,729	161,679
Dairy herd improvement associations ¹⁵	Jan. 1, 1964	1,420	67,664
Dairy-cattle artificial breeding associations ¹⁶	Jan. 1, 1964	¹⁶ 44	¹⁷ 459,503

¹ Farmer Cooperative Service, Department of Agriculture.

² When associations marketing farm products but principally engaged in providing some other services are included, the total is 6,295.

³ When associations purchasing farm supplies but principally engaged in providing some other services are included, the total is 6,921.

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 5,412.

⁶ Farm Credit Administration.

⁷ Represents the number of Federal Land Bank loans outstanding as of June 30, 1964.

⁸ Estimated members of associations borrowing from banks for cooperatives as of June 30, 1964.

⁹ Credit Union National Association, Inc.

¹⁰ Rural Electrification Administration, Department of Agriculture.

¹¹ Includes only associations that are REA borrowers.

¹² Includes only memberships of associations financed by REA.

¹³ Farmer Cooperative Service, Department of Agriculture estimates.

¹⁴ Preliminary. Bureau of the Census, 1959 Census of Irrigation.

¹⁵ Dairy Husbandry Research Branch, Department of Agriculture.

¹⁶ Number of cooperative bull studs and herds.

OTHER PUBLICATIONS AVAILABLE

Farmer Cooperatives in the United States, FCS Bulletin 1.

Farmer Cooperatives--Farm Business Tools, Agricultural Information Bulletin 275. Beryle Stanton.

Organizing a Farmer Cooperative, FCS Circular 18.

Managing Farmer Cooperatives, Educational Circular 17. Kelsey B. Gardner.

Sizing Up Your Cooperative, Educational Circular 11.

The Story of Farmers' Cooperatives, Educational Circular 1.

Regional Cooperatives Handling Under \$10 Million of Supplies, 1960-61, General Report 115. J. Warren Mather and Anne L. Gessner.

Trends in Growth of Farmer Cooperatives, 1950-60, General Report 110. Kelsey B. Gardner and Anne L. Gessner.

Management Training Among Farmer Cooperatives, General Report 65. David Volkin and Nelda Griffin.

Methods of Financing Farmer Cooperatives, General Report 32. Helim H. Hulbert, Nelda Griffin, and Kelsey B. Gardner.

A copy of each of these publications may be obtained upon request while a supply is available from--

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