



**AgEcon** SEARCH  
RESEARCH IN AGRICULTURAL & APPLIED ECONOMICS

*The World's Largest Open Access Agricultural & Applied Economics Digital Library*

**This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.**

**Help ensure our sustainability.**

Give to AgEcon Search

AgEcon Search

<http://ageconsearch.umn.edu>

[aesearch@umn.edu](mailto:aesearch@umn.edu)

*Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.*

*No endorsement of AgEcon Search or its fundraising activities by the author(s) of the following work or their employer(s) is intended or implied.*

## Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

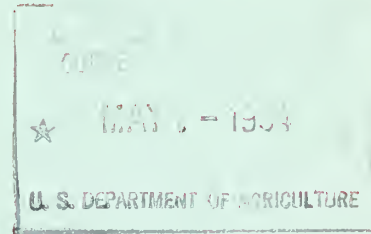


Reserve  
A280.29  
F22G  
no.2

3

# STATISTICS of FARMERS' MARKETING, PURCHASING and Service Cooperatives, 1951-52

BY ANNE L. GESSNER



## MEMBERSHIP



705 FARMER COOPERATIVE SERVICE, 705  
U. S. DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

UNITED STATES  
DEPARTMENT OF AGRICULTURE  
LIBRARY



Reserve  
BOOK NUMBER A286.29  
F22<sup>g</sup>  
no. 2

FARMER COOPERATIVE SERVICE  
U. S. DEPARTMENT OF AGRICULTURE  
WASHINGTON 25, D. C.

JOSEPH G. KNAPP, ACTING 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, quality, costs, efficiency, and membership.*

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

COPIES OF THIS REPORT MAY BE HAD ON REQUEST WHILE A  
SUPPLY IS AVAILABLE FROM THE  
INFORMATION DIVISION  
FARMER COOPERATIVE SERVICE  
U. S. DEPARTMENT OF AGRICULTURE  
WASHINGTON 25, D. C.

## CONTENTS

	<u>Page</u>
Number of associations and membership-----	2
Cooperatives reporting-----	2
Non-reporting associations-----	4
Associations and membership-----	5
Business volume-----	14
Local and large-scale associations-----	18
Geographic areas and states-----	18
Farm products marketed for patrons-----	22
Beans and peas (dry edible)-----	24
Cotton and cotton products-----	25
Dairy products-----	25
Fruits and vegetables-----	26
Grain, soybeans, soybean meal and oil-----	27
Livestock and livestock products-----	27
Nuts-----	28
Poultry products-----	28
Rice-----	29
Sugar products-----	29
Tobacco-----	29
Wool and mohair-----	30
Miscellaneous-----	30
Farm supplies purchased for patrons-----	31
Farm machinery and equipment-----	32
Feed-----	33
Fertilizer-----	34
Petroleum products-----	34
Seed-----	35
Other supplies-----	36
Services-----	38
Appendix-----	49

# STATISTICS OF FARMERS' MARKETING, PURCHASING, AND SERVICE COOPERATIVES, 1951-52

By

Anne L. Gessner  
*Agricultural Economist*

The 1951-52 survey of farmers' marketing, purchasing, and related service cooperatives showed substantial increases in number, membership, and dollar volume of these associations. Total number of associations increased from 10,051 in 1950-51 to 10,166 in 1951-52, representing a gain of 1.1 percent. Membership increased from 7.1 million to 7.4 million -- an increase of about 4 percent. Gross dollar volume rose from \$10.5 billion to \$12.1 billion, slightly more than a 15 percent increase. In general, the 1951-52 survey supports the statistical findings in the 1950-51 survey, indicating that an individual farmer cooperative often markets more than one product and also handles one or more farm supplies. In addition, the association may be performing various services related to its marketing or purchasing activities, such as trucking or storage.

For almost 25 years the Cooperative Research and Service Division of the Farm Credit Administration annually made these surveys of farmers' marketing, purchasing, and related service cooperatives. This Division in December 1953 became the Farmer Cooperative Service of the U. S. Department of Agriculture.

In 1950-51, the Division made major revisions in statistical methods employed in the annual survey of farmers' cooperatives. Changes initiated in the 1950-51 survey were primarily to provide more accurate and realistic information on the operations of these associations.<sup>1</sup>

New methods used in tabulating the 1950-51 data for the first time statistically measured the diversification which has been developing over the years in the business activities of farmers' cooperatives. The survey revealed the number of marketing and related service associations which had expanded their operations to include handling supplies for their patrons. Moreover, the 1950-51 survey furnished much more detailed information on the individual supplies purchased by patrons of these cooperatives.

Similarly, it shed new light on the extent to which purchasing and service associations met additional needs of patrons by marketing their

<sup>1</sup>A detailed discussion of the revisions initiated in statistical methods in 1950-51 is given in "Statistics of Farmers' Marketing, Purchasing, and Service Cooperatives, 1950-51," Farm Credit Admin. Misc. Rpt. 169. See pp. 1-3. Revised figures for 1950-51 appear in the appendix of this report, pages 49 to 67.

NOTE: Acknowledgment is made to Pauline T. Gartside for assistance in compiling the statistics.



farm products. The 1950-51 survey also supplied much information on various services of marketing and purchasing cooperatives, such as trucking, storage, feed grinding and mixing, drying, and other services related to their marketing and purchasing activities. Another revision during that year allocated membership and business of regional associations according to the State in which the member was located and the business originated, rather than the State in which the cooperatives had their headquarters.

All of these revised methods have been retained in developing the data reported in this publication. An effort was made in the 1951-52 survey to refine these methods and increase the accuracy of the data, particularly the estimates compiled for nonreporting associations.

This report does not contain data on physical volumes handled because it is not practical to obtain these data in a single mail questionnaire.

Cooperatives voluntarily supply information in the annual survey. The high proportion of cooperatives reporting indicates the truly cooperative aspect of this survey.

## NUMBER OF ASSOCIATIONS AND MEMBERSHIP

### Cooperatives Reporting

The number of cooperatives reporting in 1951-52, classified according to major commodity groups, is shown in table 1.

The total number of associations listed as active on the mailing lists of the Farmer Cooperative Service was 10,166. This total includes 6,582 associations whose major activity was marketing farm products for their patrons; 3,323 associations which were dominantly purchasing associations; and 261 associations primarily engaged in performing services for their patrons.

Approximately 87 percent of all listed associations supplied information on number of members and business volume. On a functional basis, this included 85 percent of the marketing associations, 92 percent of the purchasing associations, and 81 percent of the service associations.

The total of 10,166 listed associations covers all known active, incorporated associations. It does not include branches or subsidiaries of cooperatives. Each cooperative, irrespective of the number of branches and subsidiaries it owns, counts as one association.

Each year the Farmer Cooperative Service tries to make the mailing lists on farmers' marketing, purchasing, and related service associations as accurate and complete as possible. It reviews hundreds of house organs of individual associations; checks State lists published by State colleges, universities, and councils of farmer cooperatives with current lists; and employs other periodicals, field reports, and miscellaneous sources of information in the continuous effort to maintain a complete,

Table 1. - Number and percent of returns from 10,166 associations, 1951-52

Commodity group (Classified according to major product or function)	Local associations		Large-scale associations		Total		
	Number listed	Number reporting	Number listed	Number <sup>1</sup> reporting	Number listed	Number reporting	Percent reporting
Beans and peas (dry edible)-----	6	4	10	9	16	13	81
Cotton and products <sup>2</sup> -----	520	435	26	26	546	461	84
Dairy products-----	1,698	1,574	3241	192	1,939	1,766	91
Fruits and vegetables-----	756	616	469	57	825	673	82
Grain <sup>3</sup> -----	2,164	1,749	29	27	2,193	1,776	81
Livestock and products <sup>6</sup> -----	498	391	40	34	538	425	79
Nuts-----	36	27	6	6	42	33	78
Poultry and products-----	125	110	19	15	144	125	87
Rice-----	46	40	6	6	52	46	88
Sugar products <sup>7</sup> -----	-	-	865	42	65	42	65
Tobacco-----	-	-	28	28	28	28	100
Wool and mohair-----	90	79	26	25	116	104	90
Miscellaneous <sup>9</sup> -----	75	68	3	3	78	71	91
Total marketing-----	6,014	5,093	568	470	6,582	5,563	85
Purchasing-----	3,209	2,944	114	110	3,323	3,054	92
Service-----	254	207	7	5	261	212	81
Total marketing, purchas- ing, and service-----	9,477	8,244	689	585	10,166	8,829	87

<sup>1</sup>Includes large-scale associations which did not return the annual survey questionnaire, but which supplied detailed audits or other volume of business figures to the Farm Credit Administration.  
<sup>2</sup>Includes associations marketing or ginning cotton and processing cotton products.  
<sup>3</sup>Includes 194 bargaining associations.  
<sup>4</sup>Includes 9 bargaining associations.  
<sup>5</sup>Includes soybean marketing and processing associations.  
<sup>6</sup>Includes livestock marketing, trucking, and processing associations.  
<sup>7</sup>Includes sugar, sugarcane, sugar beets, honey, maple syrup, molasses, and sorghum.  
<sup>8</sup>Includes 47 sugar beet bargaining associations.  
<sup>9</sup>Includes forest products, fur pelts, hay, hops, nursery stock, tung oil, and other commodities not specified elsewhere.

up-to-date list of farmers' marketing, purchasing, and related service cooperatives in the United States.

Nevertheless, a number of associations have not replied to initial schedules and are, therefore, not included in the annual survey. In addition, there are undoubtedly a number of farmers' cooperatives throughout the United States of which the Farmer Cooperative Service has no knowledge.

The History and Statistics Branch maintains the "large-scale" classification shown in table 1 for convenience and accuracy in obtaining information from reporting cooperatives. It includes: (1) All federated associations; (2) large-scale centralized associations -- generally serving more than 8 or 10 counties<sup>2</sup>; (3) some associations, which, while not large-scale in volume of business, market products or sell supplies to both local associations and individual producers, or operate in more than one State; and (4) all bargaining associations.<sup>3</sup>

### Nonreporting Associations

The method of compiling estimates for nonreporting local associations in 1951-52 was similar to that used in 1950-51. It was assumed in 1950-51, after making some tests of data for prior years, that the business of nonreporting associations was somewhat lower, on the average, than that of reporting associations. It was estimated that the volume of these nonreporting associations represented about 75 percent of the average volume reported for each of the major commodities marketed and each of the major supplies purchased for patrons.

Tests of 1951-52 data for nonreporting purchasing associations in two states indicated that this estimate of 75 percent was very conservative. These tests were made possible by two State farm organizations which submitted comprehensive audits of their member associations. However, the results of these two tests were not regarded as sufficiently conclusive to warrant changing the percentage figure developed in the earlier survey. Additional tests of a broader scope may supply more conclusive information in developing these estimates of the business volume of nonreporting associations.

In most instances, therefore, the method of computing 75 percent of the average volume reported and applying it to the nonreporting local associations was employed for the major commodities in each State. An exception to this method was made when only one or two cooperatives reported handling a commodity in a State. In those cases, estimates were

<sup>2</sup>Current information is not always available on area covered.

<sup>3</sup>Bargaining associations do not physically handle the products of their members. They represent their members in negotiating prices with processors and distributors, participate in Government price hearings, and, in various ways, promote the general interest of their membership. The members and dollar value of the products they market are included in these statistics.

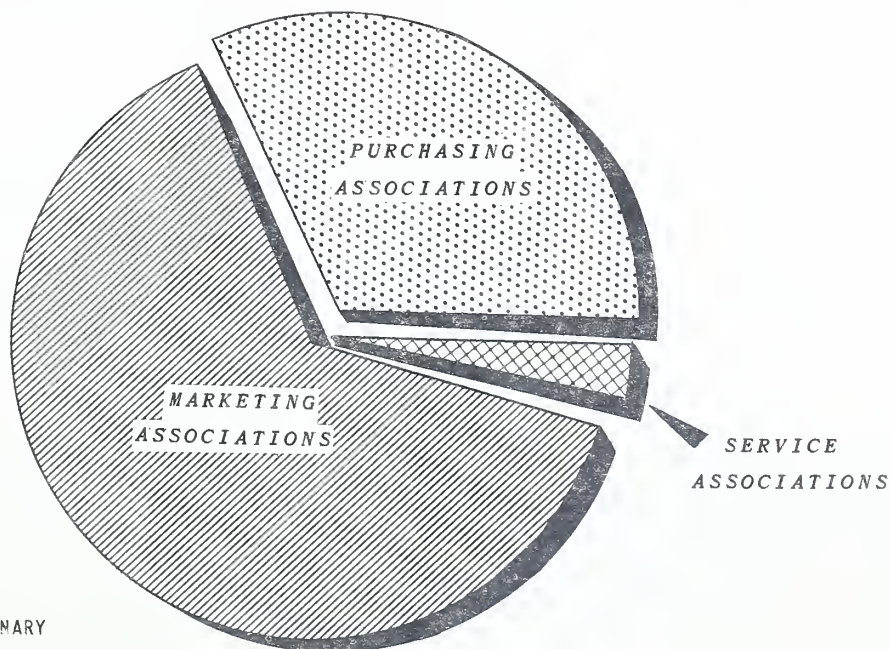
developed for nonreporting associations either on the appropriate geographic area basis or on an individual association basis. Individual estimates are based on the volume handled by the association in the most recent year for which it reported.

The estimate of number of members for nonreporting local associations was an individual one, based on the most recent membership figure each association reported. This arbitrary estimate, in effect, reflected static membership for these nonreporting associations.

### Associations and Membership

The number of listed farmers' marketing, purchasing, and related service cooperatives increased to 10,166 in 1951-52 from the revised estimate of 10,051 in 1950-51, a net increase of 115 associations (Figure 1). This increase does not mean, however, that all of these added associations were newly organized. A number of them were organized in prior years, but the Farmer Cooperative Service only recently received information from them. As mentioned, a particularly intensive effort was made during the 1951-52 survey to make the mailing lists of the Farmer Cooperative Service as complete and accurate as possible. A number of State directories which recently became available were especially helpful in this work.

FIGURE 1  
NUMBER OF FARMERS' MARKETING, PURCHASING, AND  
RELATED SERVICE COOPERATIVES, 1951-52<sup>1/</sup>



The definition of a bona fide farmer cooperative, as used in this survey, is broader than that employed in some States. Associations which meet the following requirements are included: (1) Farmers or agricultural producers hold the controlling interest in the association; (2) no member of the association is allowed more than one vote because of the amount of stock or membership capital he owns therein, or, the association does not pay dividends on stock or membership capital in excess of 8 percent per year; and (3) the association does not deal in products of non-members to an amount greater in value than it handles for its members. These are essentially the requirements for a bona fide cooperative stated in the Capper-Volstead Act.

Table 2 shows the number of marketing, purchasing, and related service cooperatives, together with membership in each type, by States and by geographic areas. Marketing associations are also classified according to major commodity groups. Classification of these associations by commodity groups for the purpose of tabulating number of associations and number of members is somewhat arbitrary. Each association is classified by the commodity representing the largest percentage of its dollar volume of business in one of the broad commodity groups shown in table 2. On this basis, a cooperative's classification may change as the nature of its business changes. Beginning with the 1950-51 survey, dollar volume figures accurately reflect changes in the operations of reporting associations as each association now reports actual sales of major commodities handled.

Minnesota, with 1,334 associations, continued to hold the lead in number of associations, just as it has for many years in the past. Following, in the order named, were Wisconsin, 871; Iowa, 718; Illinois, 582; North Dakota, 556; and Texas, 553. These States hold the same rank they had in 1950-51.

Estimated membership in farmers' marketing, purchasing, and related service cooperatives reached a new high in 1951-52 of more than 7,363,000 (Table 2 and Figure 2). This represented an increase of about 4 percent over the revised membership figure of almost 7,091,000 in 1950-51. However, as many farmers are members of more than one association, there is considerable duplication in this membership figure which it is impossible to eliminate under the current system of reporting.

This new membership figure of more than 7,363,000 comprises almost 4,229,000 members in marketing associations, about 3,033,000 members in purchasing associations, and over 102,000 members of related service associations. Comparable membership figures in 1950-51 were: Marketing associations, 4,117,000; purchasing associations, 2,879,000; and related service associations, 94,000. On a percentage basis, this represented a gain of nearly 3 percent for marketing associations, over 5 percent for purchasing associations, and more than 8 percent for service associations.

Table 2. - Farmers' marketing, purchasing, and service associations.<sup>1</sup> Number and estimated membership,<sup>2</sup> 1951-52<sup>3</sup>

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

Geographic division and State	Beans and peas (dry edible)		Cotton and cotton products		Dairy products		Fruit and vegetable		Grain <sup>4</sup>	
	Associations listed	Estimated membership	Associations listed	Estimated membership	Associations listed	Estimated membership	Associations listed	Estimated membership	Associations listed	Estimated membership
	<i>Number</i>									
UNITED STATES-----	16	6,403	546	388,303	1,939	827,823	825	138,237	2,193	906,881
New England-----	-	-	-	-	39	20,702	16	5,249	-	-
Maine-----	-	-	-	-	2	2,866	5	3,247	-	-
New Hampshire-----	-	-	-	-	6	2,223	2	478	-	-
Vermont-----	-	-	-	-	18	10,031	1	8	-	-
Massachusetts-----	-	-	-	-	8	2,378	5	1,321	-	-
Rhode Island-----	-	-	-	-	1	638	-	-	-	-
Connecticut-----	-	-	-	-	4	2,566	3	195	-	-
Middle Atlantic-----	-	-	-	-	118	68,016	49	13,602	-	-
New York-----	-	(5)	-	-	86	38,545	24	5,282	-	-
New Jersey-----	-	-	-	-	2	2,963	12	4,380	-	-
Pennsylvania-----	-	-	-	-	30	26,508	13	3,940	-	-
East North Central----	1	625	-	-	614	257,791	60	15,728	451	256,291
Ohio-----	-	-	-	-	36	40,000	16	3,454	114	49,998
Indiana-----	-	-	-	-	17	28,534	6	755	45	70,515
Illinois-----	-	-	-	-	61	52,146	8	642	248	109,267
Michigan-----	1	625	-	-	43	48,168	24	6,199	39	24,012
Wisconsin-----	-	-	-	-	457	88,943	6	4,678	5	2,499
West North Central----	-	-	1	6,882	955	365,510	32	4,186	1,443	530,766
Minnesota-----	-	-	-	-	542	135,495	12	1,515	232	100,819
Iowa-----	-	-	-	-	251	83,628	2	125	261	103,697
Missouri-----	-	-	1	6,882	18	27,249	8	1,619	43	25,108
North Dakota-----	-	-	-	-	37	21,848	5	535	304	85,913
South Dakota-----	-	-	-	-	53	25,011	-	-	166	61,002
Nebraska-----	-	-	-	-	35	39,768	3	331	208	66,419
Kansas-----	-	-	-	-	19	32,511	2	61	229	87,808
South Atlantic-----	-	-	10	43,836	49	13,725	108	20,459	5	1,971
Delaware-----	-	-	-	-	(2)	652	3	983	-	-
Maryland-----	-	-	-	-	3	4,556	7	1,642	1	1,000
District of Columbia	-	-	-	-	1	-	-	-	-	-
Virginia-----	-	-	-	-	13	3,535	9	1,662	2	397
West Virginia-----	-	-	-	-	(2)	1,158	1	5	-	-
North Carolina-----	-	-	2	5,100	11	3,096	5	316	-	-
South Carolina-----	-	-	1	116	2	25	4	1,304	-	-
Georgia-----	-	-	6	38,062	16	680	4	1,729	1	513
Florida-----	-	-	1	558	3	23	75	12,818	1	61
East South Central----	-	-	66	80,491	16	11,132	25	7,081	7	5,823
Kentucky-----	-	-	-	-	3	3,901	6	3,807	2	5,491
Tennessee-----	-	-	2	14,355	8	5,936	8	1,941	-	-
Alabama-----	-	-	7	23,841	3	62	7	656	-	-
Mississippi-----	-	-	57	42,295	2	1,233	4	677	5	332
West South Central----	-	-	429	245,439	26	28,400	59	8,117	137	57,342
Arkansas-----	-	-	36	33,168	3	1,917	9	1,854	2	710
Louisiana-----	-	-	4	14,039	3	1,198	15	2,829	-	-
Oklahoma-----	-	-	66	65,767	11	17,412	5	387	83	36,409
Texas-----	-	-	323	132,465	9	7,873	30	3,047	52	20,223
Mountain-----	8	3,820	19	4,684	47	33,324	76	14,812	95	40,032
Montana-----	1	200	-	-	5	2,669	2	691	57	13,603
Idaho-----	2	1,310	-	-	14	16,315	10	3,914	9	3,931
Wyoming-----	2	2,100	-	-	5	1,910	-	-	3	1,415
Colorado-----	2	92	-	-	8	7,845	28	4,454	22	18,790
New Mexico-----	1	118	19	4,654	-	-	2	97	2	2,282
Arizona-----	-	-	(2)	30	2	840	7	388	-	-
Utah-----	-	-	-	-	11	3,638	27	5,268	2	11
Nevada-----	-	-	-	-	2	107	-	-	-	-
Pacific-----	7	1,958	21	6,971	75	29,223	400	49,003	55	14,656
Washington-----	3	721	-	-	20	11,293	50	5,161	35	8,018
Oregon-----	-	-	-	-	27	11,098	27	6,443	18	5,338
California-----	4	1,237	21	6,971	28	6,832	323	37,399	2	1,300

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

Table 2. - Farmers' marketing, purchasing, and service associations:<sup>1</sup> Number and estimated membership,<sup>2</sup> 1951-52<sup>3</sup> - Continued

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

Geographic division and State	Livestock		Nut		Poultry and poultry products		Rice		Sugar products <sup>6</sup>	
	Associations listed	Estimated membership	Associations listed	Estimated membership	Associations listed	Estimated membership	Associations listed	Estimated membership	Associations listed	Estimated membership
	<i>Number</i>									
UNITED STATES-----	538	905,453	42	43,312	144	133,774	52	7,060	65	33,599
New England-----	1	505	-	-	13	11,523	-	-	-	-
Maine-----	-	-	-	-	-	-	-	-	-	-
New Hampshire-----	-	-	-	-	1	965	-	-	-	-
Vermont-----	-	-	-	-	1	800	-	-	-	-
Massachusetts-----	1	505	-	-	4	5,442	-	-	-	-
Rhode Island-----	-	-	-	-	2	688	-	-	-	-
Connecticut-----	-	-	-	-	5	3,628	-	-	-	-
Middle Atlantic-----	7	26,020	-	-	22	22,288	-	-	2	710
New York-----	3	20,986	-	-	4	1,585	-	-	2	710
New Jersey-----	1	2,138	-	-	10	7,901	-	-	-	-
Pennsylvania-----	3	2,896	-	-	8	12,802	-	-	-	-
East North Central-----	162	428,603	-	-	16	26,331	-	-	13	6,493
Ohio-----	9	125,659	-	-	9	24,121	-	-	3	950
Indiana-----	5	80,008	-	-	2	300	-	-	-	-
Illinois-----	37	105,616	-	-	1	19	-	-	1	35
Michigan-----	7	27,303	-	-	1	998	-	-	8	5,005
Wisconsin-----	104	89,817	-	-	3	693	-	-	1	503
West North Central-----	296	318,625	-	-	38	17,741	-	-	6	3,186
Minnesota-----	176	124,430	-	-	10	3,940	-	-	2	295
Iowa-----	48	45,528	-	-	8	4,082	-	-	1	493
Missouri-----	8	60,856	-	-	13	6,529	-	-	-	-
North Dakota-----	56	41,820	-	-	-	-	-	-	-	-
South Dakota-----	1	6,464	-	-	1	56	-	-	1	160
Nebraska-----	4	25,288	-	-	4	1,820	-	-	2	2,238
Kansas-----	3	14,239	-	-	2	1,314	-	-	-	-
South Atlantic-----	32	18,561	2	22,142	11	10,915	1	48	2	42
Delaware-----	-	-	-	-	1	152	-	-	-	-
Maryland-----	-	-	-	-	2	2,709	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-
Virginia-----	8	5,189	1	3,642	3	7,171	-	-	-	-
West Virginia-----	12	6,038	-	-	1	354	-	-	-	-
North Carolina-----	2	89	-	-	1	389	-	-	-	-
South Carolina-----	4	2,335	-	-	-	-	-	-	-	-
Georgia-----	4	4,133	1	18,500	1	115	-	-	-	-
Florida-----	2	777	-	-	2	27	1	48	2	42
East South Central-----	10	36,739	-	-	3	5,269	-	-	1	20
Kentucky-----	1	19,338	-	-	1	200	-	-	1	20
Tennessee-----	2	11,262	-	-	-	-	-	-	-	-
Alabama-----	4	5,261	-	-	1	5,000	-	-	-	-
Mississippi-----	3	858	-	-	1	69	-	-	-	-
West South Central-----	4	29,300	8	2,169	7	2,553	45	5,827	9	688
Arkansas-----	1	340	-	-	1	411	14	2,999	-	-
Louisiana-----	-	-	6	1,626	-	-	14	810	9	688
Oklahoma-----	1	20,671	-	-	-	-	-	-	-	-
Texas-----	2	8,089	2	543	6	2,142	17	2,018	-	-
Mountain-----	19	28,537	-	-	17	19,034	-	-	28	20,052
Montana-----	1	9,238	-	-	-	-	-	-	6	1,223
Idaho-----	13	5,643	-	-	2	2,761	-	-	7	3,411
Wyoming-----	(2)	1,436	-	-	1	425	-	-	4	4,262
Colorado-----	3	6,987	-	-	7	5,700	-	-	3	5,656
New Mexico-----	(2)	1,117	-	-	-	-	-	-	-	-
Arizona-----	(2)	189	-	-	-	-	-	-	-	-
Utah-----	2	3,732	-	-	6	10,127	-	-	8	5,500
Nevada-----	(2)	195	-	-	1	21	-	-	-	-
Pacific-----	7	18,563	32	19,001	17	18,120	6	1,185	4	2,408
Washington-----	2	1,404	1	338	2	4,100	-	-	1	750
Oregon-----	2	2,528	6	2,163	2	444	-	-	-	-
California-----	3	14,631	25	16,500	13	13,576	6	1,185	3	1,658

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

Table 2. - Farmers' marketing, purchasing, and service associations:<sup>1</sup> Number and estimated membership,<sup>2</sup> 1951-53<sup>3</sup> - Continued

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

Geographic division and State	Tobacco		Wool and mohair		Miscellaneous <sup>7</sup>		Total marketing	
	Associations listed	Estimated membership	Associations listed	Estimated membership	Associations listed	Estimated membership	Associations listed	Estimated membership
	Number							
UNITED STATES-----	28	709,018	116	98,855	78	29,838	6,582	4,228,556
New England-----	1	680	3	727	1	19	74	39,405
Maine-----	-	-	1	342	1	19	9	6,474
New Hampshire-----	-	-	(2)	15	-	-	9	3,681
Vermont-----	-	-	(2)	25	-	-	20	10,864
Massachusetts-----	1	500	2	345	-	-	21	10,491
Rhode Island-----	-	-	-	-	-	-	3	1,326
Connecticut-----	(2)	180	-	-	-	-	12	6,569
Middle Atlantic-----	1	1,053	30	6,589	4	1,343	233	139,621
New York-----	-	-	1	804	4	1,343	124	69,255
New Jersey-----	-	-	-	-	-	-	25	17,382
Pennsylvania-----	1	1,053	29	5,785	-	-	84	52,984
East North Central---	3	4,479	4	20,124	10	10,190	1,334	1,026,655
Ohio-----	1	909	1	7,650	-	-	189	252,741
Indiana-----	(2)	170	(2)	330	1	38	76	180,650
Illinois-----	-	-	1	2,664	4	6,471	361	277,060
Michigan-----	-	-	1	4,280	2	363	126	116,953
Wisconsin-----	2	3,400	1	5,200	3	3,318	582	199,251
West North Central---	1	443	11	36,593	20	4,671	2,803	1,288,603
Minnesota-----	-	-	2	8,150	3	326	979	374,970
Iowa-----	-	-	3	8,443	1	53	575	246,029
Missouri-----	1	430	2	1,550	12	3,683	106	133,906
North Dakota-----	-	-	4	4,100	2	313	408	154,529
South Dakota-----	-	-	(2)	9,850	-	-	222	102,543
Nebraska-----	-	-	(2)	1,500	1	300	257	137,664
Kansas-----	(2)	13	(2)	3,000	1	16	256	138,962
South Atlantic-----	13	328,745	16	9,064	6	1,524	255	471,032
Delaware-----	-	-	-	-	-	-	4	1,787
Maryland-----	2	13,817	(2)	1,500	-	-	15	25,224
District of Columbia	-	-	-	-	-	-	1	-
Virginia-----	4	55,018	12	6,593	1	850	53	84,057
West Virginia-----	(2)	123	4	871	1	21	19	8,570
North Carolina-----	5	196,454	(2)	100	-	-	26	205,544
South Carolina-----	(2)	30,250	-	-	-	-	11	34,030
Georgia-----	1	30,327	-	-	2	590	36	94,647
Florida-----	1	2,756	-	-	2	63	90	17,173
East South Central---	9	373,611	10	5,844	4	1,716	151	527,726
Kentucky-----	6	265,363	5	3,053	-	-	25	301,173
Tennessee-----	3	108,248	4	2,591	1	629	28	144,982
Alabama-----	-	-	-	-	3	1,087	25	35,907
Mississippi-----	-	-	1	200	-	-	73	45,664
West South Central---	(2)	7	5	3,406	7	4,310	736	387,558
Arkansas-----	(2)	5	1	581	3	3,838	70	45,823
Louisiana-----	-	-	1	250	1	67	53	21,507
Oklahoma-----	(2)	2	(2)	1,000	-	-	166	141,848
Texas-----	-	-	3	1,575	3	405	447	178,380
Mountain-----	-	-	35	13,155	8	1,714	352	179,164
Montana-----	-	-	10	990	4	1,099	86	29,713
Idaho-----	-	-	12	1,577	1	279	70	39,141
Wyoming-----	-	-	4	1,669	-	-	19	13,217
Colorado-----	-	-	3	8,068	1	166	77	57,758
New Mexico-----	-	-	2	106	-	-	26	8,374
Arizona-----	-	-	1	50	1	10	11	1,507
Utah-----	-	-	2	665	1	160	59	29,101
Nevada-----	-	-	1	30	-	-	4	353
Pacific-----	-	-	2	3,353	18	4,351	644	168,792
Washington-----	-	-	(2)	725	7	400	121	32,910
Oregon-----	-	-	1	2,055	4	1,192	87	31,261
California-----	-	-	1	573	7	2,759	436	104,621

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



Table 2. - Farmers' marketing, purchasing, and service associations:<sup>1</sup> Number and estimated membership,<sup>2</sup> 1951-52<sup>3</sup> - Continued

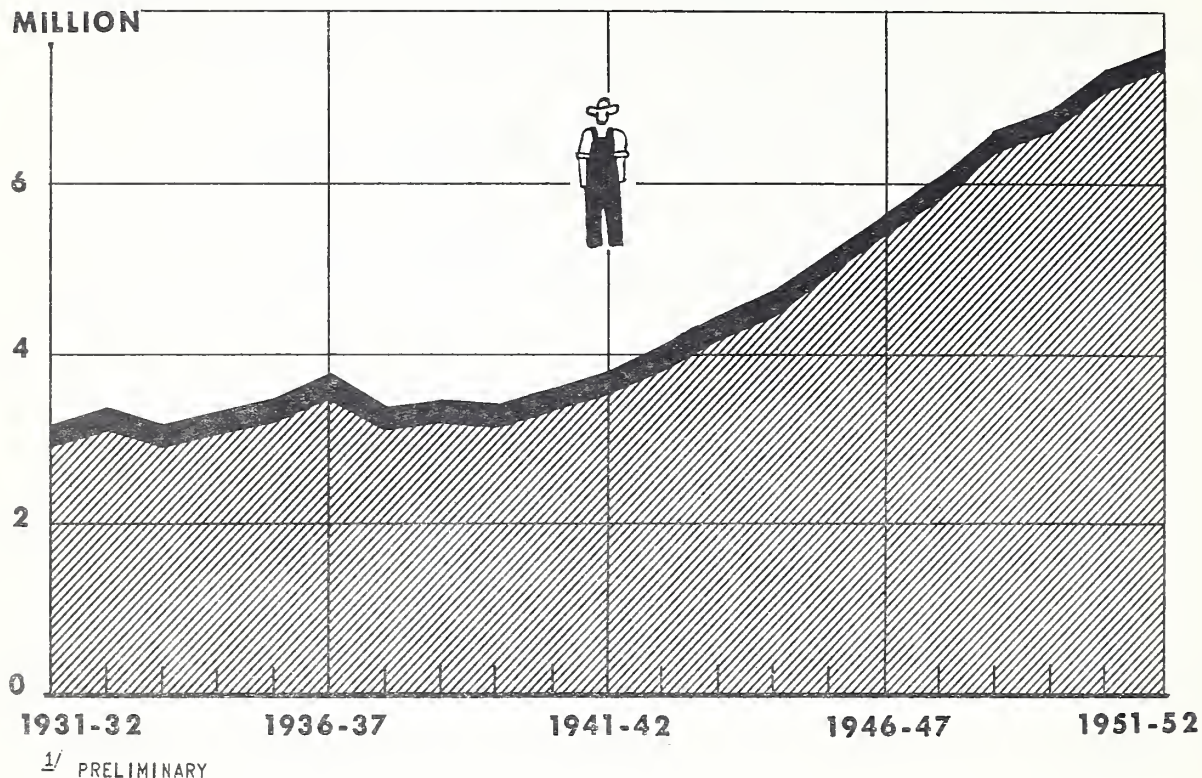
(Classified according to major product handled or function performed.)

Geographic division and State	Purchasing		Service <sup>9</sup>		Total	
	Associations listed	Estimated membership	Associations listed	Estimated membership	Associations listed	Estimated membership
	<i>Number</i>					
UNITE STATES-----	3,323	3,032,541	261	102,032	10,166	7,363,129
New England-----	62	70,192	21	4,839	157	114,436
Maine-----	<sup>10</sup> 15	16,012	1	4	25	22,490
New Hampshire-----	<sup>10</sup> 4	7,736	1	15	14	11,432
Vermont-----	8	10,454	11	3,824	39	25,142
Massachusetts-----	<sup>10</sup> 21	23,028	3	549	45	34,068
Rhode Island-----	<sup>(2)</sup>	2,018	2	146	5	3,490
Connecticut-----	<sup>10</sup> 14	10,944	3	301	29	17,814
Middle Atlantic-----	390	228,511	12	2,474	635	370,606
New York-----	260	101,261	4	1,882	388	172,398
New Jersey-----	37	22,154	3	378	65	39,914
Pennsylvania-----	93	105,096	5	214	182	158,294
East North Central----	745	863,440	79	50,445	2,158	1,940,540
Ohio-----	110	111,114	12	2,470	311	366,325
Indiana-----	76	189,937	4	1,228	156	371,815
Illinois-----	173	275,231	48	45,550	582	597,841
Michigan-----	102	69,265	10	344	238	186,562
Wisconsin-----	<sup>10</sup> 284	217,893	5	853	871	417,997
West North Central----	1,129	864,852	59	15,079	3,991	2,168,534
Minnesota-----	<sup>10</sup> 329	200,220	26	7,663	1,334	582,853
Iowa-----	136	151,697	7	892	718	398,618
Missouri-----	183	293,267	2	2,885	291	430,058
North Dakota-----	134	62,641	14	1,302	556	218,472
South Dakota-----	94	43,996	1	400	317	146,939
Nebraska-----	151	79,401	7	1,478	415	218,543
Kansas-----	102	33,630	2	459	360	173,051
South Atlantic-----	276	470,751	30	6,705	561	948,488
Delaware-----	11	15,410	-	-	15	17,197
Maryland-----	39	53,036	5	1,050	59	79,310
District of Columbia	-	-	-	-	1	-
Virginia-----	72	152,452	8	3,527	133	240,036
West Virginia-----	23	38,160	3	135	45	46,865
North Carolina-----	56	175,674	4	439	86	381,657
South Carolina-----	18	13,720	4	624	33	48,374
Georgia-----	38	20,592	5	846	79	116,085
Florida-----	19	1,707	1	84	110	18,964
East South Central----	219	230,540	14	7,775	384	766,041
Kentucky-----	55	73,641	-	-	80	374,814
Tennessee-----	80	46,852	4	2,476	112	194,310
Alabama-----	33	44,351	2	568	60	80,826
Mississippi-----	51	65,696	8	4,731	132	116,091
West South Central----	160	51,975	33	12,668	929	452,201
Arkansas-----	44	18,214	1	24	115	64,061
Louisiana-----	3	887	2	235	58	22,629
Oklahoma-----	34	11,737	3	1,247	203	154,832
Texas-----	79	21,137	27	11,162	553	210,679
Mountain-----	199	116,803	7	535	558	296,502
Montana-----	91	27,429	4	68	181	57,210
Idaho-----	39	22,307	-	-	109	61,448
Wyoming-----	7	3,193	-	-	26	16,410
Colorado-----	40	17,210	1	80	118	75,048
New Mexico-----	5	2,593	1	375	32	11,342
Arizona-----	2	40,000	-	-	13	41,507
Utah-----	14	3,473	1	12	74	32,586
Nevada-----	1	598	-	-	5	951
Pacific-----	143	135,477	6	1,512	793	305,781
Washington-----	72	74,398	-	-	193	107,308
Oregon-----	41	39,307	2	1,200	130	71,768
California-----	30	21,772	4	312	470	126,705

See next page for footnote references.

- <sup>1</sup>Includes independent local associations, federations, and large-scale centralized associations.
- <sup>2</sup>Estimated membership for each association is credited to the State in which the membership is located. The association with which this membership is affiliated has been counted in the State in which the association maintains its headquarters. Includes members (those entitled to vote for directors), but does not include nonvoting patrons. (There is some duplication in these membership figures because some farmers belong to more than one association.)
- <sup>3</sup>Preliminary data covering operations of associations whose fiscal years ended during the period July 1, 1951, through June 30, 1952, with limited exceptions.
- <sup>4</sup>Includes soybeans, soybean meal and oil.
- <sup>5</sup>Approximately 4,400 additional members affiliated with other types of cooperatives market dry beans. These include: Colorado 2,500; Michigan 900; and New York 1,000.
- <sup>6</sup>Includes sugar, sugarcane, sugar beets, honey, maple syrup, molasses, and sorghum.
- <sup>7</sup>Includes forest products, fur pelts, hay, hops, nursery stock, tung oil, and other farm products not separately classified.
- <sup>8</sup>Member-patrons.
- <sup>9</sup>Includes associations furnishing special marketing or related services.
- <sup>10</sup>Includes incorporated local associations without facilities affiliated with an operating regional association.

FIGURE 2  
MEMBERSHIP IN FARMERS' MARKETING, PURCHASING, AND  
RELATED SERVICE COOPERATIVES, 1931-32 TO 1951-52<sup>1/</sup>



Illinois, with almost 598,000 members, continued to maintain its lead in number of members, as it did in 1950-51. Minnesota, with almost 583,000 members ranked second. The following States ranked next after Illinois and Minnesota: Missouri, 430,000; Wisconsin, about 418,000; Iowa, 399,000; and North Carolina, 382,000.

Table 3 shows the number and estimated membership of farmers' marketing associations by specified commodity groups in 1951-52. Grain associations comprised a third of the total and accounted for more than one-fifth of the total membership. Dairy associations represented almost 30 percent of the total number of marketing associations and also accounted for about a fifth of the membership. Livestock associations with more than one-fifth of the membership of all marketing associations comprised less than one-tenth of the total number of these associations in 1951-52.

Table 4 gives the number of farmers' marketing associations and estimated membership in 1951-52 by geographic areas. The West North Central region exceeded all other areas in number of associations and number of members. The East North Central area ranked second in number of associations and membership. These two areas combined had more than three-fifths of all marketing associations and over half of their total membership.

Table 3. - *Farmers' marketing associations: Number and estimated membership by specified commodity groups, 1951-52*<sup>1</sup>

Commodity group (Classified according to major product handled)	Associations listed		Estimated membership	
	Number	Percent	Number	Percent
Beans and peas (dry edible)-----	16	0.2	6,403	0.2
Cotton and cotton products-----	546	8.3	388,303	9.2
Dairy products-----	1,939	29.5	827,823	19.6
Fruits and vegetables-----	825	12.5	138,237	3.2
Grain, soybeans, soybean meal and oil-----	2,193	33.3	906,881	21.4
Livestock and livestock products-----	538	8.2	905,453	21.4
Nuts-----	42	0.6	43,312	1.0
Poultry products-----	144	2.2	133,774	3.2
Rice-----	52	0.8	7,060	0.2
Sugar products-----	65	1.0	33,599	0.8
Tobacco-----	28	0.4	709,018	16.8
Wool and mohair-----	116	1.8	98,855	2.3
Miscellaneous-----	78	1.2	29,838	0.7
Total marketing-----	6,582	100.0	4,228,556	100.0

<sup>1</sup>Preliminary.

Table 4. - *Farmers' marketing associations: Number and estimated membership, by geographic divisions, 1951-52*<sup>1</sup>

Geographic division	Associations listed		Estimated membership	
	Number	Percent	Number	Percent
West North Central-----	2,803	42.6	1,288,603	30.5
East North Central-----	1,334	20.3	1,026,655	24.3
West South Central-----	736	11.2	387,558	9.2
Pacific-----	644	9.8	168,792	4.0
Mountain-----	352	5.3	179,164	4.2
South Atlantic-----	255	3.9	471,032	11.1
Middle Atlantic-----	233	3.5	139,621	3.3
East South Central-----	151	2.3	527,726	12.5
New England-----	74	1.1	39,405	0.9
Total-----	6,582	100.0	4,228,556	100.0

<sup>1</sup>Preliminary.

Table 5 shows the number of farmers' purchasing associations and their estimated membership in 1951-52 by geographic areas. Slightly more than one-third of all purchasing associations were located in the West North Central area, with more than 28 percent of the total membership. The East North Central area ranked second with 22 percent of the purchasing associations and over 28 percent of their membership.

Table 5. - *Farmers' purchasing associations: Number and estimated membership, by geographic divisions, 1951-52*<sup>1</sup>

Geographic division	Associations listed		Estimated membership	
	Number	Percent	Number	Percent
West North Central-----	1,129	34.0	864,852	28.5
East North Central-----	745	22.4	863,440	28.5
Middle Atlantic-----	390	11.7	228,511	7.5
South Atlantic-----	276	8.3	470,751	15.5
East South Central-----	219	6.6	230,540	7.6
Mountain-----	199	6.0	116,803	3.9
West South Central-----	160	4.8	51,975	1.7
Pacific-----	143	4.3	135,477	4.5
New England-----	62	1.9	70,192	2.3
Total-----	3,323	100.0	3,032,541	100.0

<sup>1</sup>Preliminary.

The West North Central and East North Central regions combined accounted for well over half of all purchasing associations and their membership in 1951-52.

Table 6 gives the breakdown between the number and membership of local and large-scale associations in 1951-52 by individual commodity groups.

#### BUSINESS VOLUME

These 10,166 marketing, purchasing, and related service cooperatives did a gross volume of business in 1951-52 of \$12.1 billion (Table 7). This is the combined volume of both local and regional cooperatives, including business done with each other. After adjusting this gross volume of business for duplication arising from \$2.7 billion of transactions between cooperatives, the net business amounted to \$9.4 billion. These total volume figures are comparable with figures for 1950-51 (Appendix Table 1), but are not entirely comparable with business volume figures published for years prior to 1950-51.<sup>4</sup> The \$9.4 billion represents the value at the first level at which cooperatives transact business for farmers. It does not include the wholesale business of farm supply

<sup>4</sup>Business volume figures prior to 1950-51 were at a level somewhere between gross and net figures as now published. This was because in previous figures not all of the supply sales at wholesale level to other cooperatives or terminal market sales for local associations were included.

Table 6. - *Farmers' marketing, purchasing, and related service associations: Number, and estimated membership, by specified commodity groups, for local and large-scale associations, 1951-52<sup>1</sup>*

Commodity group (Classified according to major product or function)	Associations				Members			
	Locals		Large-scale		Locals		Large-scale	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Beans and peas (dry edible)----	6	37.5	10	62.5	1,145	17.9	5,258	82.1
Cotton and products-----	520	95.2	26	4.8	120,334	31.0	267,969	69.0
Dairy products-----	1,698	87.6	241	12.4	506,569	61.2	321,254	38.8
Fruits and vegetables-----	756	91.6	69	8.4	96,575	69.9	41,662	30.1
Grain <sup>4</sup> -----	2,164	98.7	29	1.3	884,006	97.5	22,875	2.5
Livestock and products-----	498	92.6	40	7.4	179,409	19.8	726,044	80.2
Nuts-----	36	85.7	6	14.3	16,445	38.0	26,867	62.0
Poultry and products-----	125	86.8	19	13.2	96,504	72.1	37,270	27.9
Rice-----	46	88.5	6	11.5	2,741	38.8	4,319	61.2
Sugar products-----	-	-	565	100.0	-	-	33,599	100.0
Tobacco-----	-	-	28	100.0	-	-	709,018	100.0
Wool and mohair-----	90	77.6	26	22.4	22,280	22.5	76,575	77.5
Miscellaneous-----	75	96.2	3	3.8	29,313	98.2	525	1.8
Total marketing-----	6,014	91.4	568	8.6	1,955,321	46.2	2,273,235	53.8
Purchasing-----	3,209	96.6	114	3.4	2,337,925	77.1	694,616	22.9
Service-----	254	97.3	7	2.7	102,005	100.0	27	(6)
Total marketing, purchasing, and service-----	9,477	93.2	689	6.8	4,395,251	59.7	2,967,878	40.3

<sup>1</sup>Preliminary.

<sup>2</sup>Includes 194 bargaining associations.

<sup>3</sup>Includes 9 bargaining associations.

<sup>4</sup>Includes soybean marketing and processing associations.

<sup>5</sup>Includes 47 sugar beet bargaining associations.

<sup>6</sup>Less than .05 percent.

cooperatives with other cooperatives or terminal market sales for local associations.

The 1950-51 survey was the first to use the current system of reporting the actual sales of each of the major commodities. Table 7 credits to its proper commodity classification the business of each cooperative in dairy products, poultry products, individual supplies, or other major commodities. Figures for each commodity group cover total sales of the commodity and number of cooperatives handling it, whether or not they specialize in the commodity. Prior to the 1950-51 survey, dairy products, for example, included the total marketing volume of dairy associations, even though some of this business resulted from marketing poultry or other farm products. Therefore, comparisons of business volumes for individual commodity groups can be made only one year back.

An estimated total of 7,303 associations marketed farm products of all types in 1951-52, with a gross value of over \$9.2 billion. This number represents about 72 percent of all listed associations. The net value of these farm products amounted to \$7.4 billion after eliminating the duplication arising from business transactions between cooperatives.

The gross value of supplies purchased for patrons by an estimated 7,418 associations amounted to almost \$2.8 billion. Thus, 73 percent of all listed associations in 1951-52 handled supplies. The net value of these supplies amounted to more than \$1.9 billion after adjusting for inter-association business.

Receipts from services performed by 4,127 associations amounted to more than \$114 million. These receipts included revenue from cotton ginning, livestock trucking, locker plant operations, storage, feed grinding and mixing, general trucking, fruit picking and packing, drying and dehydrating, and miscellaneous services related to marketing and purchasing activities.

Figures for 1951-52 indicate that the diversification in operations emphasized in the 1950-51 data is continuing. Three-fifths of all associations that marketed farm products as their major activity in 1951-52 also handled farm supplies. This is the same percentage as in 1950-51.

While farm supply cooperatives also diversified their operations by marketing farm products, the extent of this diversification was less than for marketing cooperatives. Approximately 21 percent of all listed supply cooperatives were also marketing one or more farm products in 1951-52. This is comparable with the 22 percent marketing farm products in 1950-51.

Likewise, among the 261 associations engaged primarily in performing services for patrons, a considerable amount of diversification in operations occurred. About 41 percent of these service associations reported purchasing supplies for their patrons and a little over 10 percent of these associations reported marketing farm products in 1951-52. This

Table 7. - Estimated business in specified commodity and service groups of marketing, purchasing, and related service cooperatives, 1951-52<sup>1</sup>

Item	Associations handling		Gross business of all local and large-scale cooperatives	Percent of total gross business	Net business after adjusting for duplication <sup>3</sup>	Percent of total net business
	Number	Percent of total associations <sup>2</sup>				
			\$1,000		\$1,000	
Products marketed for patrons:						
Beans and peas (dry edible)-----	82	0.8	42,612	0.4	35,888	0.4
Cotton and cotton products-----	567	5.6	437,626	3.6	380,375	4.0
Dairy products-----	2,132	21.0	2,589,181	21.4	2,202,257	23.3
Fruits and vegetables-----	862	8.5	910,675	7.5	595,766	6.3
Grain, soybeans, soybean meal and oil-----	2,759	27.1	2,463,229	20.3	1,616,427	17.1
Livestock and livestock products-----	706	6.9	1,757,943	14.5	1,647,093	17.5
Nuts-----	74	0.7	128,475	1.1	92,367	1.0
Poultry products-----	759	7.5	356,708	2.9	320,596	3.4
Rice-----	52	0.5	149,677	1.2	111,585	1.2
Sugar products-----	65	0.6	147,313	1.2	147,313	1.6
Tobacco-----	29	0.3	173,399	1.4	173,399	1.8
Wool and mohair-----	217	2.1	46,170	0.4	42,031	0.4
Miscellaneous <sup>4</sup> -----	289	2.8	54,064	0.4	45,962	0.5
Total marketing-----	<sup>5</sup> 7,303	71.8	9,257,072	76.3	7,411,059	78.5
Supplies purchased for patrons:						
Building material-----	790	7.8	72,953	0.6	40,255	0.4
Containers-----	921	9.1	44,905	0.4	17,767	0.2
Farm machinery and equipment-----	1,792	17.6	126,137	1.0	76,278	0.8
Feed-----	4,249	41.8	1,068,700	8.8	810,153	8.6
Fertilizer-----	3,376	33.2	296,771	2.4	183,615	1.9
Insecticides-----	1,111	10.9	33,153	0.3	24,649	0.3
Meats, groceries, etc.-----	859	8.4	45,787	0.4	37,675	0.4
Petroleum products-----	2,657	26.1	653,610	5.4	421,524	4.5
Seed-----	3,436	33.8	128,788	1.1	94,997	1.0
Other supplies-----	4,522	44.5	289,785	2.4	210,304	2.2
Total purchasing-----	<sup>5</sup> 7,418	73.0	2,760,589	22.8	1,917,217	20.3
Receipts for services:						
Trucking, storage, grinding, locker plants, miscellaneous-----	3,411	33.6	91,511	0.7	91,511	1.0
Cotton ginning-----	513	5.0	21,146	0.2	21,146	0.2
Livestock trucking-----	208	2.0	1,779	(6)	1,779	(6)
Total services-----	<sup>5</sup> 4,127	40.6	114,436	0.9	114,436	1.2
Total marketing, purchasing, and service--	<sup>5</sup> 10,166	100.0	12,132,097	100.0	9,442,712	100.0

<sup>1</sup>Preliminary.<sup>2</sup>Number of associations handling each commodity group is computed as a percentage of the total number of 10,166 associations listed.<sup>3</sup>This figure represents value at the first level at which cooperatives transact business for farmers. It does not include wholesale business of farm supply cooperatives with other cooperatives or terminal market sales for local associations.<sup>4</sup>Includes forest products, fur pelts, hay, hops, nursery stock, tung oil, and other farm products not separately classified.<sup>5</sup>Because many associations are engaged in more than one type of business, these totals are less than the number that would be obtained by adding the number of associations handling individual items or performing individual services.<sup>6</sup>Less than .05 percent.



compares with 40 percent handling supplies and 20 percent marketing farm products in 1950-51.

### Local and Large-Scale Associations

Table 8 gives the breakdown on the value of farm products marketed by local and large-scale associations of all types in 1951-52. Local associations accounted for \$3.5 billion and large-scale associations \$3.9 billion of the total net value of all farm products marketed. This means that the proportion of the total marketing business done directly for patrons was rather evenly divided between locals and large-scale associations, with the locals handling 48 percent and the regionals 52 percent of the net volume.

A similar breakdown on the value of farm supplies purchased by patrons of local and large-scale associations of all types appears in Table 9. Local associations handled \$1.4 billion and large-scale associations \$495 million of the total net volume. Thus, purchases made directly by patrons of locals represented 74 percent of the total net volume compared with 26 percent of the net volume accounted for by individual patrons of large-scale associations. On the other hand, large-scale associations did a total supply business of more than \$843 million with other cooperatives. This \$843 million of interassociation business is included in their gross volume of \$1.3 billion in Table 9.

### Geographic Areas and States

Table 10 shows the estimated value and percentages of all farm products marketed for patrons in 1951-52 by geographic divisions. The West North Central and East North Central divisions combined accounted for more than half of the value of all farm products sold by all marketing, purchasing, and related service associations in 1951-52 (Figure 3).

The estimated value and percentages of supplies purchased by patrons of purchasing, marketing, and related service cooperatives in 1951-52 appear by geographic areas in Table 11. The West North Central and East North Central areas combined accounted for approximately half of the total supply business of these associations (Figure 4).

In comparing geographic areas on total net dollar volume for farm products, supplies, and services, the West North Central area with \$2.5 billion and the East North Central area with \$2.3 billion continued to outrank all other geographic areas in 1951-52 (See Table 12 on page 47).

California again ranked first in net volume of total business with \$843 million (See Table 12 on page 47). Next, listed in the order of their importance, were Illinois, \$661 million; Minnesota, \$642 million; Wisconsin, \$550 million; Iowa, \$541 million; Ohio, \$491 million; and New York, \$471 million.

Table 8. - Estimated marketing business of local and large-scale associations by specified commodity groups, 1951-52<sup>1</sup>

Farm products marketed for patrons	Locals	Large-scale		Total	
		Gross	Net <sup>2</sup>		Gross
			\$1,000		
Beans and peas (dry edible)-----	5,163	37,449	30,725	42,612	35,888
Cotton and products-----	133,967	303,659	246,408	437,626	380,375
Dairy products-----	924,534	1,664,647	1,277,723	2,589,181	2,202,257
Fruits and vegetables-----	422,731	487,944	173,035	910,675	595,766
Grain, soybeans, soybean meal and oil-----	1,524,319	938,910	92,108	2,463,229	1,616,427
Livestock and livestock products-----	195,083	1,562,860	1,452,010	1,757,943	1,647,093
Nuts-----	26,872	101,603	65,495	128,475	92,367
Poultry products-----	202,920	153,788	117,676	356,708	320,596
Rice-----	46,959	102,718	64,626	149,677	111,585
Sugar products-----	-	147,313	147,313	147,313	147,313
Tobacco-----	-	173,399	173,399	173,399	173,399
Wool and mohair-----	5,663	40,507	36,368	46,170	42,031
Miscellaneous-----	38,846	15,218	7,116	54,064	45,962
<b>Total marketing-----</b>	<b>3,527,057</b>	<b>5,730,015</b>	<b>3,884,002</b>	<b>9,257,072</b>	<b>7,411,059</b>

<sup>1</sup>-preliminary.

<sup>2</sup>-Does not include terminal market sales for local associations. Represents the value at the first level at which cooperatives transact business for farmers.

Table 9. - Estimated supply business of local and large-scale associations by specified commodity groups, 1951-52<sup>1</sup>

Supplies purchased for patrons	Locals	Large-scale		Total	
		Gross	Net <sup>2</sup>		Gross
			\$1,000		
Building material-----	27,400	45,553	12,855	72,953	40,255
Containers-----	13,619	31,286	4,148	44,905	17,767
Farm machinery and equipment-----	60,107	66,030	16,171	126,137	76,278
Feed-----	526,427	542,273	283,726	1,068,700	810,153
Fertilizer-----	141,935	154,836	41,680	296,771	183,615
Insecticides-----	19,031	14,122	5,618	33,153	24,649
Meats, groceries, etc.-----	35,361	10,426	2,314	45,787	37,675
Petroleum products-----	352,232	301,378	69,292	653,610	421,524
Seed-----	74,531	54,257	20,466	128,788	94,997
Other supplies-----	171,498	118,287	38,806	289,785	210,304
<b>Total purchasing-----</b>	<b>1,422,141</b>	<b>1,338,448</b>	<b>495,076</b>	<b>2,760,589</b>	<b>1,917,217</b>

<sup>1</sup> Preliminary.

<sup>2</sup> Does not include wholesale business of farm supply cooperatives with other cooperatives. Represents the approximate value of transactions of cooperatives with farmers.

Table 10. - Estimated value of farm products marketed for patrons, by geographic divisions, 1951-52<sup>1</sup>

Geographic division	Estimated value of farm products marketed for patrons			
	Gross	Percent	Net after adjusting for duplication <sup>2</sup>	Percent
	\$1,000		\$1,000	
West North Central-----	2,636,687	28.5	2,022,115	27.3
East North Central-----	2,210,222	23.9	1,859,319	25.1
Pacific-----	1,452,824	15.7	1,054,443	14.2
Middle Atlantic-----	701,978	7.6	567,479	7.7
West South Central-----	663,685	7.1	517,414	7.0
Mountain-----	618,515	6.7	505,832	6.8
South Atlantic-----	508,852	5.5	438,766	5.9
East South Central-----	277,259	3.0	264,916	3.6
New England-----	187,050	2.0	180,775	2.4
<b>Total-----</b>	<b>9,257,072</b>	<b>100.0</b>	<b>7,411,059</b>	<b>100.0</b>

<sup>1</sup>Preliminary.

<sup>2</sup>Does not include terminal market sales for local cooperatives made by regional associations. Represents the value at the first level at which cooperatives transact business for farmers.

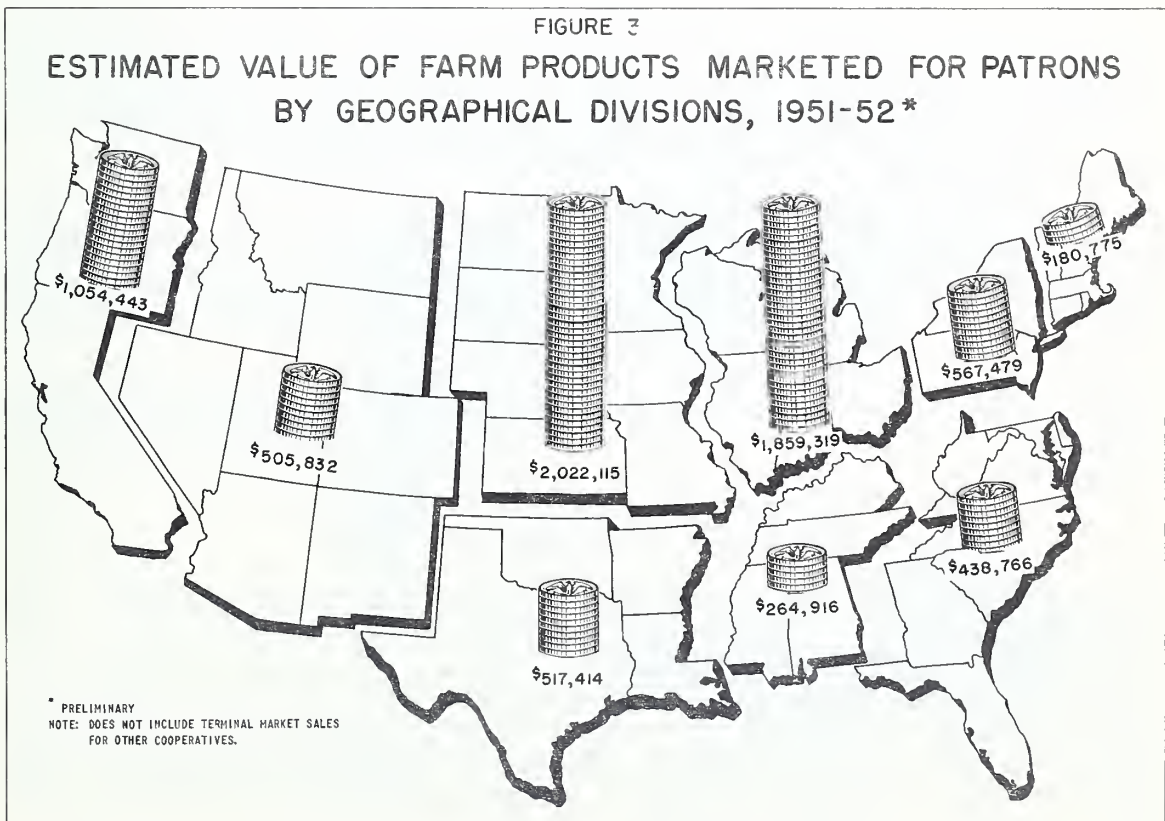


Table 11. - *Estimated value of supplies purchased for patrons, by geographic divisions, 1951-52<sup>1</sup>*

Geographic division	Estimated value of supplies purchased for patrons			
	Gross	Percent	Net after adjusting for duplication <sup>2</sup>	Percent
	\$1,000		\$1,000	
West North Central-----	722,180	26.2	483,814	25.2
East North Central-----	679,941	24.6	451,047	23.5
Middle Atlantic-----	461,843	16.7	307,273	16.0
Pacific-----	241,910	8.8	188,291	9.8
South Atlantic-----	232,847	8.4	172,358	9.0
West South Central-----	121,014	4.4	81,999	4.3
East South Central-----	106,837	3.9	68,402	3.6
Mountain-----	97,132	3.5	72,354	3.8
New England-----	96,885	3.5	91,679	4.8
Total-----	2,760,589	100.0	1,917,217	100.0

<sup>1</sup>Preliminary.

<sup>2</sup>Does not include wholesale business of farm supply cooperatives with other cooperatives. Represents the approximate value of transactions of cooperatives with farmers.

On the basis of the net value of all farm products marketed, California ranked first with \$734 million (Table 12 on page 43). Next in rank were Illinois, \$543 million; Minnesota, \$516 million; Wisconsin, \$453 million; Iowa, \$434 million; Ohio, \$386 million; and New York, \$319 million.

In net value of supplies purchased for patrons in individual States, New York ranked first with a net volume of \$150 million. Minnesota ranked second with \$120 million, followed by Illinois with \$115 million, Iowa with \$104 million, Pennsylvania with \$102 million, and Ohio with \$101 million (Table 12 on page 47).

Texas ranked first in service receipts with \$19 million, followed by California with \$16 million, and Washington with \$10 million (Table 12 on page 47).

#### FARM PRODUCTS MARKETED FOR PATRONS

Farm products on which cooperatives supplied data in the 1951-52 survey included 13 major commodity groups (Table 12 on pages 39-43 and Figure 5). These were: (1) Beans and peas (dry edible); (2) cotton and products; (3) dairy products; (4) fruits and vegetables; (5) grain, soybeans, soybean meal, and soybean oil; (6) livestock and livestock products; (7) nuts; (8) poultry products; (9) rice; (10) sugar products; (11) tobacco; (12) wool and mohair; and (13) miscellaneous, which includes

FIGURE 4

ESTIMATED VALUE OF FARM SUPPLIES PURCHASED FOR PATRONS BY GEOGRAPHICAL DIVISIONS, 1951-52\*

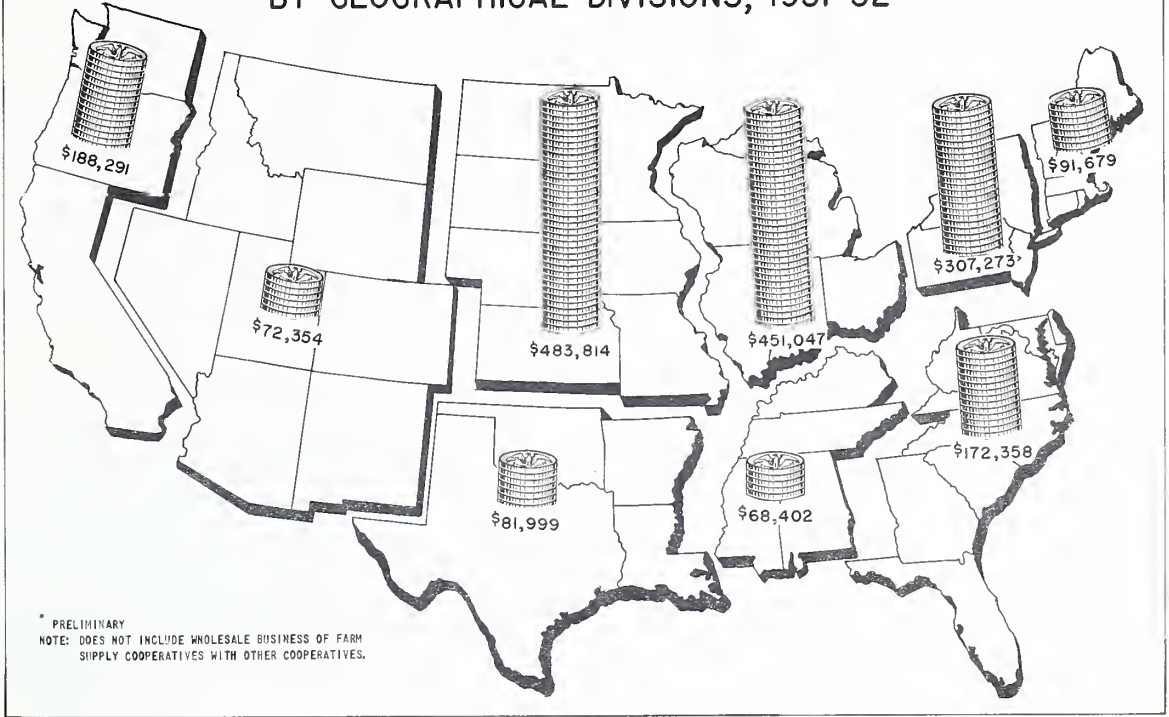
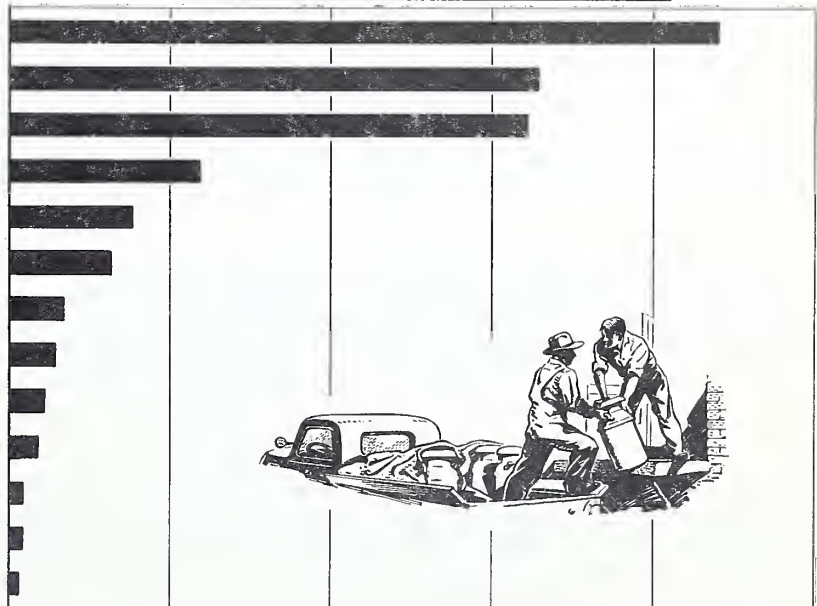


FIGURE 5

ESTIMATED MARKETING BUSINESS OF FARMERS' COOPERATIVES BY SPECIFIED COMMODITY GROUPS, 1951-52<sup>1/</sup>

NET BUSINESS AFTER ADJUSTING FOR DUPLICATION<sup>2/</sup>

- DAIRY PRODUCTS
- LIVESTOCK & LIVESTOCK PRODUCTS
- GRAIN, SOYBEANS, SOYBEAN MEAL & OIL
- FRUITS & VEGETABLES
- COTTON & COTTON PRODUCTS
- POULTRY PRODUCTS
- TOBACCO
- SUGAR PRODUCTS
- RICE
- NUTS
- WOOL & MOHAIR
- MISCELLANEOUS
- BEANS & PEAS (DRY EDIBLE)



<sup>1/</sup> PRELIMINARY.

<sup>2/</sup> REPRESENTS VALUE AT THE FIRST LEVEL AT WHICH COOPERATIVES TRANSACT BUSINESS FOR FARMERS. DOES NOT INCLUDE TERMINAL MARKET SALES FOR OTHER COOPERATIVES.

forest products, fur pelts, hay, hops, nursery stock, tung oil, and other products not included in the other 12 major categories.

Gross value of all farm products marketed for patrons by 7,303 associations in 1951-52 amounted to more than \$9.2 billion. Net value after adjusting for duplication arising from business transactions between cooperatives amounted to \$7.4 billion. This net volume of \$7.4 billion, amounting to 80 percent of the gross volume, is the value of farm products marketed directly for patrons. The remaining 20 percent represents interassociation business, which amounted to more than \$1.8 billion. This interassociation volume reflects the extent to which local cooperatives have united in federated associations or terminal sales agencies to obtain more orderly marketing and more favorable returns for their farm products.

The 7,303 associations handling farm products include all marketing associations, the purchasing and service associations that reported marketing farm products in 1951-52, and estimates for the number of non-reporting purchasing and service associations marketing farm products. These estimates for the nonreporting purchasing and service associations are based on the percentage of reporting associations in these two groups which actually reported marketing farm products. The estimate of 7,303 associations covers 6,582 engaged primarily in marketing farm products, 694 whose major activity was handling supplies, and 27 engaged primarily in performing services related to marketing or purchasing operations.

Dairy products exceeded all other farm products marketed in dollar value, with a gross value of \$2.6 billion and a net value of \$2.2 billion.

Grain, including soybeans and soybean meal and oil, ranked next to dairy products, with a gross volume of \$2.5 billion and a net value of \$1.6 billion.

Livestock and livestock products ranked third in dollar value with a gross volume amounting to \$1.8 billion and a net volume of \$1.6 billion.

Fruits and vegetables ranked fourth, with gross sales of \$911 million and net sales of \$596 million.

In number of associations handling, the rankings in their respective order were: Grain, soybeans, soybean meal and oil, 2,759 associations; dairy products, 2,132 associations; fruits and vegetables, 862 associations; and poultry products, 759 associations.

#### Beans and Peas (Dry Edible)

Dry beans and peas marketed by 82 associations had a gross value of \$42.6 million dollars in 1951-52 (Table 12 on page 39). Over \$24.3 million, or 57 percent, of this gross volume was marketed by 16 associations whose business was dominantly dry beans or peas.

Net value of dry beans and peas marketed by all cooperatives after adjusting for interassociation business was \$35.9 million. These interassociation transactions, amounting to \$6.7 million, represented the sales value of dry beans and peas marketed by 5 regional associations for other cooperatives.

Grain and purchasing associations were particularly important in marketing dry beans. A total of 16 grain associations marketed dry beans with a gross value of \$10.8 million and 48 purchasing associations reported gross sales of \$6.6 million.

California outranked all other States in net value of dry beans marketed, with a volume of \$13.9 million. Michigan was second with a net business of \$9.5 million, and Colorado followed with net sales of \$3.7 million.

### Cotton and Cotton Products

Cotton and cotton products with a gross value of almost \$438 million were handled by an estimated 567 associations (Table 12 on page 39). Of these associations, 546 were classified as cotton associations whose major function was ginning or marketing cotton.

Gross value of cotton and cotton products marketed by cotton associations amounted to more than \$435 million. After adjusting for duplication arising from business between cooperatives, the net value was \$378 million. This interassociation volume of \$57 million represented the terminal sales value of cotton and cotton products marketed by 19 regional cotton associations for other cooperatives. Total dollar volume of local cotton associations amounted to approximately \$132 million, while total gross business of the 24 regional cotton associations was more than double that amount, totaling almost \$304 million.

Sales of cotton and cotton products made by 13 purchasing associations amounted to \$1.3 million and the total cotton volume of 6 grain associations aggregated another \$1 million.

Texas exceeded all other States in the net value of cotton and cotton products handled, with a net volume of approximately \$122 million. Mississippi ranked second with net sales of almost \$89 million and was followed by California with sales of \$79 million.

Service receipts for ginning cotton performed by 513 associations amounted to slightly more than \$21 million. Many associations included bagging and ties in their reported ginning fees. These supplies could not be separated from the ginning fees for some associations and are, therefore, included in the \$21 million service receipts.

### Dairy Products

An estimated total of 2,132 associations marketed dairy products with a gross value of almost \$2.6 billion in 1951-52 (Table 12 on page 39). Gross value of dairy products marketed by 1,939 associations whose



business was dominantly dairy products amounted to more than \$2.58 billion and represented 99.7 percent of the total gross value of dairy products marketed by all types of associations.

Gross volume of \$2.58 billion marketed by dairy associations is comprised of sales of \$918 million by 1,698 locals, \$652 million by 47 regionals, and over \$1 billion by patrons of 194 milk bargaining associations.

Net value of dairy products marketed by all cooperatives after adjusting for interassociation business amounted to approximately \$2.2 billion. These interassociation transactions, amounting to almost \$387 million, represented the sales value of dairy products marketed by 32 large-scale associations for other cooperatives. This interassociation business amounted to 15 percent of gross sales, with the remaining 85 percent representing sales directly for patrons.

Other types of cooperatives marketing dairy products included 121 purchasing associations, with a gross volume of more than \$2.9 million; 28 grain associations with gross sales of \$1.7 million; and 17 poultry associations, with sales of \$1.8 million.

Wisconsin ranked first in net amount of dairy products marketed, with sales of approximately \$340 million. New York was second with net sales of \$248 million, followed by Minnesota with sales of \$215 million.

### Fruits and Vegetables

In 1951-52 a major change occurred in the fruit and vegetable statistics when a new category was set up for sugar products to include data on sugar beet bargaining associations. In prior years, all data reported by sugar beet bargaining cooperatives were included in fruit and vegetable statistics. In this report, the dollar volume and membership data of 47 sugar beet bargaining associations are included in the new sugar products category.

Fruits and vegetables with a gross value of almost \$911 million were marketed by 862 associations in 1951-52 (Table 12 on page 40). Net sales after adjusting for duplication arising from interassociation business were about \$596 million. These net sales, amounting to 65 percent of the gross volume, were made directly for patrons. Interassociation transactions amounting to \$315 million, 35 percent of the total, represented the sales value of fruits and vegetables marketed by 24 regional associations for other cooperatives.

Of the 862 associations marketing fruits and vegetables, 812 were associations whose business was dominantly fruits and vegetables. Gross sales of these associations amounted to almost \$907 million and represented 99.6 percent of the total volume.

Fifty associations of all other types marketed fruits and vegetables with an aggregate gross value of almost \$4 million. The major portion of this business was reported by 37 purchasing associations with gross sales of more than \$2 million.

California still far exceeded all other States in the net value of fruits and vegetables marketed, with sales of \$293 million. Florida was next with net sales of about \$80 million.

### Grain, Soybeans, Soybean Meal and Oil

A total of 2,759 associations marketed grain, soybeans, and soybean meal and oil with a gross value of almost \$2.5 billion in 1951-52 (Table 12 on page 40).

After adjusting for duplication arising from business done between cooperatives, the net value of grain, soybeans, and soybean products marketed by all cooperatives amounted to \$1.6 billion. This interassociation business of about \$847 million represented the sales value of grain, soybeans, and soybean products marketed by 34 regional associations for other cooperatives. These interassociation sales amounted to one-third of the gross sales, with the remaining two-thirds representing sales directly for patrons.

Gross sales of 2,183 associations whose business was dominantly grain, including soybeans and soybean products, amounted to \$2.3 billion, which represented about 94 percent of total gross sales. A total of 576 associations of all other types had gross sales of a little over \$150 million. Some 459 purchasing associations accounted for \$132 million of this gross business; 30 cotton associations reported gross sales of about \$4.8 million; 8 livestock associations had sales of \$3.2 million; and 4 poultry associations, more than \$1.5 million in gross sales.

In net sales of grain, soybeans, and soybean products, Illinois ranked first with almost \$228 million; North Dakota second with sales of about \$199 million; followed by Iowa with \$156 million; Kansas with \$143 million; and Minnesota with \$140 million.

### Livestock and Livestock Products

Gross value of livestock and livestock products sold by 706 associations amounted to about \$1.8 billion in 1951-52 (Table 12 on page 40). The net value after adjusting for duplication arising from business done between cooperatives was more than \$1.6 billion. This interassociation business, amounting to about \$111 million, represented the value of sales for other cooperatives made by 12 regional associations. A large number of local livestock associations limit their operations to trucking livestock to central markets and do only a small amount of marketing at the local level.

Value of stocker and feeder animals purchased for patrons, amounting to \$196 million, is included in the total gross figure of \$1.8 billion. A little over \$3 million of these purchases of stocker and feeder animals were for other cooperatives, with the balance of these purchases, amounting to more than \$193 million, made directly for patrons.

Gross value of livestock and livestock products marketed by 538 associations whose business was dominantly livestock marketing amounted to more than \$1.73 billion, or 98 percent of total sales. Sales by 168 associations of all other types amounted to almost \$28 million. Purchasing and grain associations accounted for the major portion of the volume of livestock and livestock products marketed by these other types of associations. A total of 48 purchasing associations had sales of approximately \$12 million, and 31 grain associations reported sales amounting to slightly over \$7 million. A total of 32 dairy associations also reported sales of a little less than \$2 million.

On the basis of net sales of livestock and livestock products, Illinois ranked first with sales of \$213 million; Ohio was second with \$171 million; and Iowa third, with \$158 million.

### Nuts

Volume of nuts (tree nuts and peanuts) marketed by cooperatives in 1951-52 was considerably lower than in 1950-51. Both membership and business volume of cooperatives marketing nuts fluctuate widely from year to year and are affected by the extent to which producers participate in price support or stabilization programs.

Gross sales of nuts by 74 associations amounted to more than \$128 million in 1951-52 (Table 12 on page 41). Net value after adjusting for duplication arising from interassociation business amounted to \$92 million. This interassociation business represents sales of 3 regional associations for other cooperatives.

Gross sales of 38 associations whose business was dominantly nuts amounted to \$126 million, or approximately 98 percent of the total. Although 36 associations of other types were estimated to be marketing nuts in 1951-52, the total volume was relatively small, aggregating about \$2.7 million. Three cotton associations marketed the largest part of this volume, having gross sales of \$2.1 million. A relatively large number of purchasing associations, 23, marketed nuts in 1951-52, but their combined volume was small, amounting to only \$126,000.

California with net sales of approximately \$36 million and Georgia with net sales of \$31 million exceeded all other States in the value of nuts marketed.

### Poultry Products

A large number of cooperatives were marketing poultry products as a sideline business in 1951-52. Out of a total of 759 associations marketing poultry products, only 139 specialized in poultry products.

Gross sales of all associations marketing poultry products amounted to \$357 million (Table 12 on page 41). After adjusting for duplication arising from interassociation business, the net sales amounted to \$321 million. This interassociation business amounting to \$36 million

represented the value of poultry products marketed by 13 regional associations for other cooperatives.

Gross sales of the 139 specialized poultry associations amounted to \$234 million. The 620 associations of other types handling poultry as a sideline made gross sales of almost \$123 million. A total of 283 purchasing associations marketed poultry products with a gross value of \$67 million; 191 dairy associations had sales of about \$41 million; and 52 grain associations reported sales of almost \$9 million. A number of purchasing cooperatives supplied chicks to their patrons, but data were not obtained on the volume of this business.

In net sales of poultry products, California ranked first with sales of almost \$48 million. New Jersey was second with \$29 million, followed by Minnesota with almost \$28 million.

### Rice

Gross value of rice marketed by 52 associations in 1951-52 amounted to almost \$150 million (Table 12 on page 41). Net value of rice sales, after adjusting for duplication arising from sales of more than \$38 million made for other cooperatives, amounted to \$112 million.

Texas led in net value of rice marketed, with sales of almost \$40 million. California followed closely with net sales of \$38 million.

Total service receipts of rice associations amounted to almost \$4 million. Approximately \$2.6 million of this amount represented receipts for drying rice.

### Sugar Products

A new category in the 1951-52 survey covered sugar products, including sugar, sugar cane, sugar beets, honey, maple syrup, molasses, and sorghum. Except for sugar beets, all of these products in prior years were included in the miscellaneous group. Sugar beets were previously included with fruits and vegetables.

Net value of all sugar products marketed by 65 associations amounted to \$147 million (Table 12 on page 42). No interassociation business was reported in these products.

California with net sales of \$55 million and Colorado with sales of \$27 million far exceeded all other States in the value of sugar products marketed in 1951-52. These two States are particularly important in the production of sugar beets.

### Tobacco

Value of tobacco marketed by 29 associations amounted to \$173 million in 1951-52 (Table 12 on page 42). Except for one association primarily engaged in purchasing supplies for its patrons, the business of all of

these associations was dominantly tobacco. No interassociation business was reported in tobacco.

Kentucky was still the leading tobacco state, with net sales of more than \$63 million. North Carolina was a close second with sales of more than \$61 million. Together, these two states accounted for more than 70 percent of the total tobacco sales made by these 29 associations in 1951-52.

### Wool and Mohair

Gross sales of wool and mohair made by 217 associations amounted to a little over \$46 million (Table 12 on page 42). Net sales after adjusting for duplication arising from interassociation business amounted to \$42 million. This interassociation business represented sale by 6 regional associations for other cooperatives.

Gross sales of 111 associations whose business was dominantly wool amounted to \$44 million. Gross sales made by 106 associations of all other types amounted to a little more than \$2 million. This indicates that many associations were marketing small volumes of wool as a sideline activity. Fifteen grain associations accounted for about \$779,000 of this business by other types of associations; 15 livestock associations marketed wool with a gross value of \$602,000; and 60 purchasing associations reported gross sales of more than \$466,000.

In net value of wool and mohair marketed, South Dakota ranked first with sales of over \$8 million, Massachusetts second with almost \$4 million, and Minnesota third with \$3.6 million.

### Miscellaneous

Miscellaneous products marketed include forest products, fur pelts, hay, hops, seed (marketed for growers), nursery stock, tung oil, and other farm products not separately classified.

Gross sales of miscellaneous farm products by 289 associations amounted to \$54 million in 1951-52 (Table 12 on page 43). Net sales after adjusting for duplication arising from interassociation business amounted to approximately \$46 million. This interassociation business represented sales made by 4 regional associations for other cooperatives.

More detailed information in the questionnaires currently used permitted reclassification of a number of the associations formerly included in this miscellaneous group. As a complete commodity breakdown is now furnished by all reporting associations, it is possible to classify all associations according to the dominant commodity handled. This largely accounts for the reduction in number of miscellaneous associations and dollar volume of miscellaneous products marketed in 1951-52 as compared with previous years.

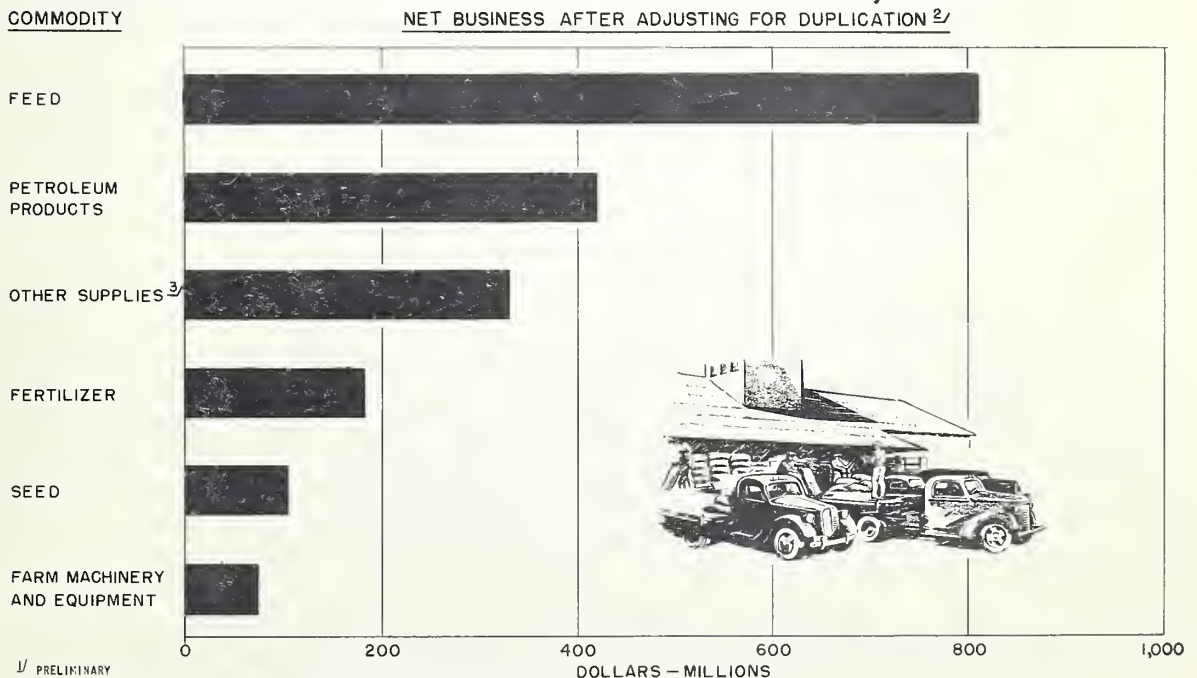
## FARM SUPPLIES PURCHASED FOR PATRONS

In the 1951-52 survey, cooperatives furnished information on ten of the major groups of supplies they purchased for patrons (Table 12 on pages 43-47 and Figure 6). These included: (1) Building materials; (2) containers; (3) farm machinery and equipment; (4) feed; (5) fertilizer; (6) insecticides; (7) meats, groceries, and similar commodities; (8) petroleum products; (9) seed; and (10) miscellaneous supplies.

An estimated total of 7,418 cooperatives handled supplies in 1951-52 with a gross value of almost \$2.8 billion (Table 12 on page 47). Net value of these supplies after adjusting for duplication arising from transactions between cooperatives amounted to \$1.9 billion. This inter-association business of more than \$843 million represented the value of all supplies at manufacturing or wholesale level purchased by cooperatives from 141 regional associations.

Number of associations handling supplies included all purchasing associations; marketing and service associations which reported handling supplies; and estimates for nonreporting marketing and service associations, based on the percentage of reporting associations in these two classifications which actually reported handling supplies. The estimate of 7,418 associations includes 3,323 purchasing associations, 3,988 marketing associations, and 107 service associations.

FIGURE 6  
ESTIMATED VALUE OF MAJOR SUPPLIES PURCHASED  
FOR PATRONS BY FARMERS' COOPERATIVES, 1951-52<sup>1/</sup>



<sup>1/</sup> PRELIMINARY

<sup>2/</sup> DOES NOT INCLUDE WHOLESALE BUSINESS OF FARM SUPPLY COOPERATIVES WITH OTHER COOPERATIVES

<sup>3/</sup> INCLUDES BUILDING MATERIALS, CONTAINERS, INSECTICIDES, PLANT EQUIPMENT, GROCERIES AND MEATS, AND MISCELLANEOUS SUPPLIES.

Purchasing associations accounted for almost \$2.2 billion of the gross volume and \$1.4 billion of the total net volume of all supplies purchased by patrons in 1951-52. Operations of many regional purchasing associations are quite varied. A few engage primarily in manufacturing supplies; many perform both a manufacturing and wholesale business; others perform a wholesale and retail business; and some distribute supplies through independent dealer agents, farmer order takers, and direct to large producers. The price level in some of these transactions is neither strictly wholesale nor retail. Because of this complexity in the operations of many of these regionals, this report does not attempt to present separate tabulations on manufacturing, wholesale, or retail volume. The tabulations for supplies, as in the case of farm products marketed, present only gross and net volumes.

Gross volume includes the value of supplies purchased by local and regional associations for their patrons, including purchases for other cooperatives. Net volume is the amount remaining after the duplication arising from interassociation business is eliminated. The net figure thus does not include the value at wholesale or manufacturing level of supplies purchased by regionals for other cooperatives.

Net volume of \$1.9 billion was the value of all types of supplies purchased directly by patrons and amounted to 69 percent of gross purchases. The remaining 31 percent, representing interassociation business, compares with 20 percent for all farm products marketed. This interassociation volume reflects the extent to which local cooperatives have united in federated organizations to obtain more favorable prices and quality control in purchasing farm supplies. Although it does not show the extent of integration which has occurred within regional associations, it does contain some business of large-scale manufacturing federations developed by regional cooperatives to help furnish the needs of farmers for many types of production supplies.

On the basis of gross volume, the major supply items ranked as follows: Feed, nearly \$1.1 billion; petroleum products, about \$654 million; fertilizer, \$297 million; seed, \$129 million; and farm machinery and equipment, \$126 million.

#### Farm Machinery and Equipment<sup>5</sup>

A total of 1,792 associations handled farm machinery and miscellaneous farm equipment in 1951-52 with a gross value of \$126 million (Table 12 on page 44). Net value after adjusting for duplication arising from interassociation business amounted to \$76 million. This interassociation business of approximately \$50 million represents the value at manufacturing or wholesale level of farm machinery and equipment purchased by 39 regional associations for other cooperatives.

<sup>5</sup>Miscellaneous equipment includes dairy and poultry equipment, water systems, irrigation equipment, and the like.

Farm machinery and equipment business of 1,258 purchasing associations had a gross value of almost \$101 million. Of this amount, 1,212 local associations accounted for about \$44 million and 46 regional associations for almost \$57 million. About \$46 million of this volume of the regionals represented business done with other cooperatives.

Among the marketing cooperatives, grain associations handled an important volume of farm machinery and equipment, with a total of 262 associations having a gross volume of more than \$15 million. A total of 258 local associations accounted for almost \$12 million and 4 regional associations for more than \$3 million, with most of the business of the regionals done with other cooperatives.

Dairy cooperatives, with 84 associations reporting, handled machinery and equipment with a gross value of almost \$4 million. Of this amount, 57 local associations reported a volume of a little under \$2 million and 27 regionals more than \$2 million, most of which represented direct purchases by producers.

Ohio led in net value of purchases of farm machinery and equipment, with a value of more than \$8 million, followed by Indiana with \$6.4 million, and Wisconsin with \$5.7 million.

### Feed

Feed, including feed grains and hay, continued to be the most important supply item purchased for patrons in 1951-52, both in dollar value and number of associations handling this commodity (Table 12 on page 44). A total of 4,249 associations handled a gross volume of feed amounting to almost \$1,069 million. After adjusting for duplication arising from interassociation business, the net volume amounted to \$810 million. This interassociation business of \$259 million represented the value of feed at manufacturing or wholesale level purchased by 63 regional associations for other cooperatives.

An estimated 1,844 purchasing associations handled feed with a gross value of \$831 million. Of this amount, \$372 million represented purchases for patrons by 1,786 local associations. The balance of \$459 million was the volume reported by 58 regional associations, including business with other cooperatives amounting to \$233 million.

A total of 1,331 grain associations purchased feed for patrons with a gross value of \$126 million, including sales for other cooperatives amounting to \$15 million.

Poultry associations ranked third in the value of feed handled, with 33 associations reporting a gross business of slightly over \$47 million. Practically all of this business was transacted directly with producers.

A total of 403 dairy associations reported a gross volume of feed amounting to almost \$35 million, of which \$5 million was the value of purchases for other cooperatives.



In net purchases of feed, New York ranked first with a volume of \$99 million, followed by California with almost \$70 million, and Pennsylvania with \$66 million.

### Fertilizer

Fertilizer, including rock phosphate, basic slag, and lime, still ranked third in the volume of supply items handled by cooperatives in 1951-52 (Table 12 on page 45). A total of 3,376 associations had a gross volume of almost \$297 million. After adjusting for duplication arising from \$113 million of business done by 64 regional associations with other cooperatives, the net volume amounted to about \$184 million.

Gross volume of 1,854 purchasing associations amounted to almost \$236 million. Of this amount, 1,788 locals accounted for \$102 million and 66 regionals for almost \$134 million, with \$97 million of this business of the regionals done with other cooperatives.

Grain associations were important in the value of fertilizer handled. A gross volume of \$27 million was handled by 723 associations. Of these associations, 713 were locals with a volume of \$20 million. Ten regional associations had a gross volume of more than \$7 million, mostly business done with other cooperatives.

Gross volume of fertilizer handled by 84 cotton associations, amounting to almost \$12 million, was composed of sales of almost \$2 million by 79 local associations and about \$10 million by 5 regional associations. Almost \$8 million of the volume reported by the regionals was business done with other cooperatives.

Fruit and vegetable associations ranked third among other types of associations in handling fertilizer. Gross volume of 228 associations amounted to \$10 million. About \$9 million of this volume was handled by 221 local associations and more than \$1 million by 7 regional associations, with about a third of the business of the regionals transacted with other cooperatives.

Illinois ranked first in net value of fertilizer handled, with a volume of \$14 million, followed by New York with close to \$13 million, and Indiana with almost \$12 million.

### Petroleum Products

Petroleum products were the second most important supply item handled by farmers' cooperatives in 1951-52 (Table 12 of page 46). A total of 2,657 associations handled petroleum products with a gross value of almost \$654 million.

Net value after adjusting for duplication arising from business done between cooperatives amounted to about \$422 million. This interassociation volume amounting to \$232 million represents business of 52 regionals with other cooperatives.

Gross value of petroleum products handled by 1,952 purchasing associations amounted to \$586 million. A total of 1,896 local associations accounted for \$309 million of this amount, and 56 regionals for the balance of \$277 million. More than \$218 million of this volume of the regional associations represented business with other cooperatives.

Grain associations were next in importance to purchasing associations in the handling of petroleum products, with 426 associations reporting a gross business of almost \$55 million. A total of 416 local associations reported a volume of more than \$33 million and the balance of more than \$21 million was reported by 10 regional associations. Almost \$14 million of this business of the regional associations was done with other cooperatives.

A total of 59 dairy associations handled a gross volume of petroleum products amounting to more than \$4 million. Of this amount, 54 locals accounted for more than \$3 million. Almost all of the \$1 million handled by regional dairy associations represented purchases by individual producers.

Minnesota led in net value of petroleum products handled with a volume of almost \$51 million. Illinois followed closely with \$49 million, and Iowa was third with net sales of \$36 million.

#### Seed

Seed ranked fourth in value of supplies handled by cooperatives in 1951-52 (Table 12 on page 46). A total of 3,436 associations handled seed with a gross value of almost \$129 million.<sup>6</sup> Net value after adjusting for duplication arising from interassociation business amounted to almost \$95 million. This interassociation volume of \$34 million represented the value of seed purchased for other cooperatives by 54 regional associations.

A total of 1,650 purchasing associations had a gross seed volume of \$94 million. Of this amount, 1,596 locals accounted for more than \$47 million and 54 regionals for more than \$46 million. Almost \$29 million of this business of the regional associations was done with other cooperatives.

Grain associations handled a considerable volume of seed, with 1,013 associations reporting a gross volume of \$20 million. This was comprised of \$18 million by 1,001 local associations and more than \$2 million by 12 regional associations. A little over two-thirds of the business of the regionals was with other cooperatives.

A total of 176 cotton associations reported a seed volume of almost \$6 million. The volume of 170 local associations amounted to about \$3 million and that of 6 regionals to another \$3 million, almost all of which was interassociation business.

<sup>6</sup>Includes only the value of seed purchased by patrons. Seed marketed for growers is included with miscellaneous farm products marketed.

The volume of 151 dairy associations amounted to well over \$2 million, which was rather evenly divided between 148 local and 3 regional associations. Interassociation volume of the three regionals amounted to over 60 percent of their total volume.

New York ranked first in net volume of seed handled with a little over \$6 million, followed closely by Illinois and Missouri, each with over \$5.9 million.

### Other Supplies<sup>7</sup>

Building Materials - A total of 790 associations handled building materials with a gross value of \$73 million (Table 12 on page 43). After adjusting for duplication arising from business done between cooperatives, the net value amounted to \$40 million. This interassociation business of about \$33 million represented the value at manufacturing or wholesale level of building materials purchased by 28 regional associations for other cooperatives.

A total of 546 purchasing associations accounted for almost \$50 million of the gross volume, with 29 regional associations reporting a gross volume of more than \$37 million and a net volume of \$11 million. A gross volume of \$19 million was reported by 178 grain associations. Five poultry associations reported another \$2 million.

In net volume of building materials, Iowa exceeded all other States with \$8 million, followed by North Dakota with \$3.8 million, and Ohio with \$2.9 million.

Containers - Containers with a gross value of almost \$45 million were handled by 921 associations in 1951-52 (Table 12 on page 44). Net value after adjusting for duplication arising from business done between cooperatives amounted to about \$18 million. This interassociation business represented the value at manufacturing or wholesale level of containers purchased by 24 regional associations for other cooperatives.

The gross volume of 433 purchasing associations amounted to more than \$26 million. Of this amount 14 regional associations reported a volume of \$24 million, with almost all of this business done with other cooperatives. Fruit and vegetable cooperatives, with 114 associations reporting, had a gross volume of more than \$11 million, and 165 cotton associations reported a volume of \$4 million.

Texas and Washington led in net value of containers purchased by patrons, each with a volume of \$2.1 million.

Insecticides - A total of 1,111 associations handled insecticides in 1951-52 with a gross value of \$33 million (Table 12 on page 45). Net

<sup>7</sup>This is the first year an attempt has been made to obtain statistical information on some of the items included under this heading. Some of these commodities may have been included with miscellaneous supplies by reporting associations which do not have them separately classified on their records.

value after adjusting for duplication arising from business between cooperatives amounted to about \$25 million. This interassociation business of \$8 million represented the value of insecticides purchased at manufacturing or wholesale level by 33 regional associations for other cooperatives.

The gross value of insecticides handled by 636 purchasing associations amounted to almost \$21 million. Thirty-one regional associations reported a gross volume of more than \$11 million and a net volume of \$4 million.

Marketing associations handling a considerable volume of insecticides included 129 fruit and vegetable associations with a gross volume of \$5 million, 145 grain associations with a gross volume of more than \$3 million, and 117 cotton associations with \$2.5 million.

New York ranked first in net purchases of insecticides with \$2.4 million, followed by Iowa and California, each with \$1.8 million.

Meats, Groceries, Etc. - A total of 859 associations handled meats, groceries, and like commodities in 1951-52 with a gross value of almost \$46 million (Table 12 on page 45). Net value after eliminating duplication arising from interassociation business amounted to about \$38 million. This interassociation business of about \$8 million represented the business of 9 regional associations done with other cooperatives.

A total of 377 purchasing associations had a gross volume of more than \$36 million in meats, groceries, and similar commodities. A gross volume of \$3.2 million was reported by 273 dairy associations and another \$3 million by 84 grain associations.

Minnesota ranked first in net value of groceries and meats handled with a volume of \$6.6 million, followed by Missouri with \$5.9 million, and Wisconsin with \$5.4 million.

Miscellaneous Supplies - A total of 4,522 associations handled miscellaneous supplies, including plant equipment, automotive supplies, hardware, baby chicks, and other supplies not separately classified, with a gross value of almost \$290 million (Table 12 on page 46). Net value after adjusting for duplication arising from business done between cooperatives amounted to \$210 million. This interassociation business of more than \$79 million represented the value at manufacturing or wholesale level of miscellaneous supplies purchased by 79 regional associations for other cooperatives. Plant equipment amounted to \$6 million of this total.

Gross value of miscellaneous supplies handled by 2,076 purchasing associations amounted to almost \$218 million. A total of 1,072 grain associations had a total gross volume of more than \$38 million; 609 dairy associations, a gross volume of more than \$13 million; and 127 fruit and vegetable associations, a gross volume of almost \$10 million.

Ohio led in net value of miscellaneous supplies purchased for patrons with a volume of more than \$18 million, followed by Minnesota with \$14.3 million and Wisconsin with \$13.7 million.

## SERVICES

An estimated 4,127 associations had receipts for services performed for patrons in 1951-52 amounting to more than \$114 million (Table 12 on page 47).

Specialized services included cotton ginning performed by an estimated 513 associations. Receipts for ginning services amounted to approximately \$21 million. Other receipts for specialized services included \$11.3 million for fruit packing reported by 82 associations and \$5.9 million for fruit picking reported by 43 associations. Service receipts of 36 rice associations amounted to almost \$4 million, with \$2.6 million of this amount representing receipts for rice drying. Livestock trucking by 208 associations brought receipts of \$1.8 million.

Receipts for general services included \$20.2 million for storage by 940 associations, general trucking receipts of \$10.6 million by 708 associations, and receipts of almost \$10 million for feed grinding and mixing by about 1,400 associations.

Other miscellaneous services included drying grain, fruits, eggs, and milk by 113 associations for \$1.6 million; handling loan papers for producers participating in price support and stabilization programs by 305 associations for \$1.3 million; repairing machinery and miscellaneous equipment by 173 associations for \$1 million; and miscellaneous or unclassified services of all other types reported by 919 associations for \$19.2 million.

Texas ranked first in total receipts for services with \$18.7 million, followed by California with \$15.6 million. More than half of the service receipts reported by Texas were for cotton ginning and over half of those for California were for fruit picking and packing.

Table 12. - Estimated business<sup>1</sup> of farmers' marketing, purchasing, and service associations<sup>2</sup> by commodity groups, geographic divisions, and States, 1951-52<sup>3</sup>

Geographic division and State	Beans and peas (dry edible)						Cotton and products				Dairy products						
	Estimated number of associations handling <sup>4</sup>			Estimated value of sales <sup>5</sup>			Estimated number of associations handling <sup>4</sup>			Estimated value of sales <sup>5</sup>		Estimated number of associations handling <sup>4</sup>			Estimated value of sales		
	Head- quarters in State	Head- quarters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000		
UNITED STATES-----	82	-	-	42,612	35,888	567	-	-	437,626	380,375	2,132	-	-	2,589,181	2,202,257		
New England-----	-	-	-	-	-	-	-	-	-	-	40	-	-	124,761	124,646		
Maine-----	-	-	-	-	-	-	-	-	-	2	2	4	13,087	13,087			
New Hampshire-----	-	-	-	-	-	-	-	-	-	6	3	9	12,337	12,337			
Vermont-----	-	-	-	-	-	-	-	-	-	18	6	24	58,795	58,781			
Massachusetts-----	-	-	-	-	-	-	-	-	-	8	3	11	15,846	15,752			
Rhode Island-----	-	-	-	-	-	-	-	-	-	1	2	3	3,105	3,105			
Connecticut-----	-	-	-	-	-	-	-	-	-	5	4	9	21,591	21,584			
Middle Atlantic-----	34	-	-	4,704	3,026	-	-	-	-	-	118	-	-	523,274	401,008		
New York-----	34	-	34	4,704	3,026	-	-	-	-	-	86	7	93	370,580	248,314		
New Jersey-----	-	-	-	-	-	-	-	-	-	-	2	2	4	25,584	25,584		
Pennsylvania-----	-	-	-	-	-	-	-	-	-	-	30	6	36	127,110	127,110		
East North Central-----	26	-	-	10,486	9,523	-	-	-	-	-	629	-	-	810,485	719,442		
Ohio-----	-	-	-	-	-	-	-	-	-	-	40	4	44	96,257	94,674		
Indiana-----	-	-	-	-	-	-	-	-	-	-	19	9	28	67,566	61,450		
Illinois-----	-	-	-	-	-	-	-	-	-	-	63	9	72	104,811	99,100		
Michigan-----	26	-	26	10,486	9,523	-	-	-	-	-	49	6	55	138,179	124,649		
Wisconsin-----	-	-	-	-	-	-	-	-	-	-	458	7	465	403,672	339,569		
West North Central-----	-	-	-	133	24	1	-	-	3,190	2,900	1,114	-	-	553,621	465,744		
Minnesota-----	-	-	-	-	-	-	-	-	-	-	550	3	553	275,200	214,692		
Iowa-----	-	-	-	-	-	-	-	-	-	-	255	4	259	130,337	108,759		
Missouri-----	-	-	-	-	-	1	2	3	3,190	2,900	124	2	126	54,132	54,132		
North Dakota-----	-	-	-	-	-	-	-	-	-	-	38	3	41	14,594	11,170		
South Dakota-----	-	-	-	-	-	-	-	-	-	-	53	1	54	14,820	14,808		
Nebraska-----	-	1	1	133	24	-	-	-	-	-	55	1	56	24,394	22,392		
Kansas-----	-	-	-	-	-	-	-	-	-	-	39	4	43	40,144	39,791		
South Atlantic-----	-	-	-	-	-	14	-	-	35,963	25,130	54	-	-	111,951	111,951		
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	1	1	3,878	3,878		
Maryland-----	-	-	-	-	-	-	-	-	-	-	3	3	6	43,694	43,694		
District of Columbia--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Virginia-----	-	-	-	-	-	-	-	-	-	-	15	3	18	29,371	29,371		
West Virginia-----	-	-	-	-	-	-	-	-	-	-	-	5	5	5,052	5,052		
North Carolina-----	-	-	-	-	-	2	-	2	9,888	9,888	12	1	13	12,392	12,392		
South Carolina-----	-	-	-	-	-	1	-	1	(Ginning)		2	-	2	742	742		
Georgia-----	-	-	-	-	-	10	-	10	24,088	14,088	19	-	19	11,611	11,611		
Florida-----	-	-	-	-	-	1	1	2	1,987	1,154	3	-	3	5,211	5,211		
East South Central-----	-	-	-	-	-	73	-	-	105,172	96,973	16	-	-	44,802	43,273		
Kentucky-----	-	-	-	-	-	-	-	-	-	-	3	3	6	17,958	17,958		
Tennessee-----	-	-	-	-	-	4	1	5	534	484	8	2	10	22,575	21,046		
Alabama-----	-	-	-	-	-	7	1	8	13,449	7,616	3	-	3	2,215	2,215		
Mississippi-----	-	-	-	-	-	62	4	66	91,189	88,873	2	-	2	2,054	2,054		
West South Central-----	-	-	-	-	-	439	-	-	193,335	161,962	38	-	-	70,601	70,216		
Arkansas-----	-	-	-	-	-	36	4	40	13,573	11,229	4	1	5	5,493	5,493		
Louisiana-----	-	-	-	-	-	4	4	8	1,812	1,786	3	-	3	6,483	6,483		
Oklahoma-----	-	-	-	-	-	72	-	72	30,759	27,235	20	3	23	20,591	20,206		
Texas-----	-	-	-	-	-	327	-	327	147,191	121,712	11	-	11	38,034	38,034		
Mountain-----	16	-	-	11,372	7,444	19	-	-	15,095	14,122	48	-	-	119,808	102,509		
Montana-----	1	1	2	853	504	-	-	-	-	-	6	3	9	2,700	2,262		
Idaho-----	2	1	3	3,161	1,958	-	-	-	-	-	14	3	17	70,509	66,136		
Wyoming-----	2	1	3	2,191	1,143	-	-	-	-	-	5	1	6	2,132	2,132		
Colorado-----	10	-	10	5,067	3,739	-	-	-	-	-	8	2	10	26,200	14,712		
New Mexico-----	1	-	1	100	100	19	3	22	13,811	12,838	-	-	-	-	-		
Arizona-----	-	-	-	-	-	-	2	2	1,284	1,284	2	-	2	4,609	4,609		
Utah-----	-	-	-	-	-	-	-	-	-	-	11	-	11	12,729	12,729		
Nevada-----	-	-	-	-	-	-	-	-	-	-	2	-	2	929	929		
Pacific-----	6	-	-	15,917	15,871	21	-	-	84,871	79,288	75	-	-	229,878	162,468		
Washington-----	2	1	3	1,980	1,972	-	-	-	-	-	20	1	21	76,598	45,987		
Oregon-----	-	-	-	-	-	-	-	-	-	-	27	2	29	48,452	34,237		
California-----	4	1	5	13,937	13,899	21	-	21	84,871	79,288	28	1	29	104,828	82,244		

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

Table 12. - Estimated business<sup>1</sup> of farmers' marketing, purchasing, and service associations<sup>2</sup> by commodity groups, geographic divisions, and States, 1951-52<sup>3</sup> - Continued

Geographic division and State	Fruits and vegetables					Grain, soybeans, meal, and oil					Livestock and livestock products				
	Estimated number of associations handling <sup>1</sup>			Estimated value of sales		Estimated number of associations handling <sup>1</sup>			Estimated value of sales <sup>2</sup>		Estimated number of associations handling <sup>1</sup>			Estimated value of sales	
	Head- quar- ters in State	Head- quar- ters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head- quar- ters in State	Head- quar- ters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head- quar- ters in State	Head- quar- ters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000
UNITED STATES-----	862	-	-	910,675	595,766	2,759	-	-	2,463,229	1,616,427	706	-	-	1,757,943	1,647,093
New England-----	19	-	-	29,880	23,720	2	-	-	766	766	3	-	-	1,069	1,069
Maine-----	6	-	6	13,649	13,649	2	-	2	766	766	-	-	-	-	-
New Hampshire-----	2	-	2	394	394	-	-	-	-	-	-	-	-	-	-
Vermont-----	2	-	2	108	108	-	-	-	-	-	1	1	2	241	241
Massachusetts-----	5	-	5	14,459	8,299	-	-	-	-	-	1	-	1	784	784
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	4	-	4	1,270	1,270	-	-	-	-	-	1	-	1	44	44
Middle Atlantic-----	60	-	-	45,667	43,935	138	-	-	17,288	11,399	11	-	-	39,627	38,927
New York-----	33	1	34	15,575	16,803	89	-	89	12,360	8,053	4	-	4	26,664	25,964
New Jersey-----	13	2	15	12,482	11,522	12	1	13	753	519	3	1	4	5,904	5,904
Pennsylvania-----	14	1	15	17,610	17,610	37	1	38	4,170	2,827	4	3	7	7,059	7,059
East North Central-----	71	-	-	29,731	26,747	661	-	-	619,611	419,590	191	-	-	677,711	628,024
Ohio-----	17	1	18	10,160	10,160	185	-	185	133,750	89,589	15	2	17	172,315	170,564
Indiana-----	6	-	6	253	253	105	2	107	132,109	81,538	6	8	14	120,028	119,998
Illinois-----	8	-	8	1,749	1,577	262	2	264	317,542	227,781	44	6	50	252,979	212,700
Michigan-----	34	-	34	8,168	7,668	81	-	81	34,027	16,559	9	2	11	40,749	35,753
Wisconsin-----	6	2	8	9,401	7,089	28	-	28	2,123	2,123	117	6	123	91,640	89,009
West North Central-----	40	-	-	8,156	8,156	1,546	-	-	1,316,772	863,700	404	-	-	637,562	581,767
Minnesota-----	17	-	17	2,927	2,927	242	4	246	210,463	139,965	208	5	213	170,376	124,538
Iowa-----	3	-	3	613	618	279	3	282	221,467	155,512	74	13	87	158,183	157,900
Missouri-----	10	-	10	892	892	103	1	104	40,916	28,937	38	8	46	116,359	116,263
North Dakota-----	5	-	5	588	988	304	1	305	303,864	198,528	59	6	65	37,709	29,304
South Dakota-----	-	-	-	-	-	167	3	170	109,801	81,386	5	4	9	40,466	39,344
Nebraska-----	3	-	3	2,461	2,461	213	4	217	167,833	116,353	12	6	18	80,331	80,324
Kansas-----	2	-	2	270	270	238	3	241	262,428	143,019	8	7	15	34,138	34,094
South Atlantic-----	109	-	-	144,629	89,317	54	-	-	13,157	11,573	42	-	-	19,181	18,702
Delaware-----	3	-	3	1,828	1,828	8	1	9	1,393	1,188	-	-	-	-	-
Maryland-----	7	-	7	1,537	1,537	16	1	17	4,309	3,439	1	-	1	16	16
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	9	-	9	3,432	3,432	15	-	15	3,306	2,831	11	-	11	4,656	4,656
West Virginia-----	1	-	1	20	20	1	1	2	119	87	12	1	13	4,333	4,333
North Carolina-----	5	-	5	348	348	5	-	5	2,343	2,343	4	-	4	1,650	1,650
South Carolina-----	4	-	4	1,989	1,989	1	1	2	826	826	4	1	5	1,043	1,043
Georgia-----	6	-	6	247	240	8	-	8	861	859	7	-	7	4,267	3,825
Florida-----	74	1	75	135,228	79,923	-	-	-	-	-	3	1	4	3,216	3,179
East South Central-----	25	-	-	2,499	2,491	15	-	-	5,614	3,792	12	-	-	40,455	40,151
Kentucky-----	6	-	6	1,075	1,075	3	1	4	3,594	2,381	1	5	6	26,831	26,785
Tennessee-----	8	-	8	1,220	1,220	-	-	-	-	-	3	1	4	6,720	6,720
Alabama-----	8	1	9	169	161	1	3	4	1,044	435	5	2	7	6,260	6,002
Mississippi-----	3	-	3	35	35	11	-	11	976	976	3	2	5	644	644
West South Central-----	57	-	-	8,680	7,286	177	-	-	157,508	85,517	13	-	-	96,166	93,216
Arkansas-----	7	-	7	1,177	1,177	12	-	12	1,715	1,593	1	2	3	1,176	1,176
Louisiana-----	15	-	15	2,633	2,621	-	-	-	-	-	-	-	-	-	-
Oklahoma-----	4	-	4	169	169	91	2	93	83,495	44,281	5	3	8	32,909	30,047
Texas-----	31	-	31	4,701	3,319	74	1	75	72,298	39,643	7	6	13	62,081	61,993
Mountain-----	74	-	-	42,619	31,967	100	-	-	167,714	94,342	23	-	-	171,458	170,523
Montana-----	1	-	1	117	117	58	1	59	98,985	46,316	2	8	10	27,644	26,835
Idaho-----	11	1	12	8,012	8,012	10	3	13	32,558	20,581	15	2	17	18,880	18,880
Wyoming-----	-	-	-	-	-	5	2	7	1,287	1,014	1	5	6	10,693	10,618
Colorado-----	27	-	27	19,615	14,665	23	3	26	30,573	23,530	3	7	10	61,633	61,626
New Mexico-----	2	-	2	207	207	2	2	4	2,329	2,066	-	3	3	10,422	10,378
Arizona-----	7	3	10	9,453	3,751	-	-	-	-	-	-	1	1	11,313	11,313
Utah-----	26	-	26	5,215	5,215	2	-	2	1,982	835	2	-	2	26,925	26,925
Nevada-----	-	-	-	-	-	-	-	-	-	-	1	1	-	3,948	3,948
Pacific-----	407	-	-	598,814	362,147	66	-	-	164,799	125,748	7	-	-	74,714	74,714
Washington-----	57	2	59	44,877	35,418	38	2	40	107,181	80,410	2	1	3	5,942	5,942
Oregon-----	27	2	29	39,925	33,682	24	2	26	51,455	39,175	2	1	3	3,251	3,251
California-----	323	-	323	514,012	293,047	4	-	4	6,163	6,163	3	1	4	65,521	65,521

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

Table 12. - Estimated business<sup>1</sup> of farmers' marketing, purchasing, and service associations<sup>2</sup> by commodity groups, geographic divisions, and States, 1951-52<sup>3</sup> - Continued

Geographic division and State	Nuts						Poultry products						Rice					
	Estimated number of associations handling <sup>1</sup>			Estimated value of sales <sup>5</sup>			Estimated number of associations handling <sup>1</sup>			Estimated value of sales			Estimated number of associations handling <sup>1</sup>			Estimated value of sales <sup>5</sup>		
	Head- quar- ters in State	Head- quar- ters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head- quar- ters in State	Head- quar- ters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head- quar- ters in State	Head- quar- ters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000			
UNITED STATES-----	74	-	-	128,475	92,367	759	-	-	356,708	320,596	52	-	-	149,677	111,585			
New England-----	-	-	-	-	-	20	-	-	23,109	23,109	-	-	-	-	-			
Maine-----	-	-	-	-	-	4	-	4	44	44	-	-	-	-	-			
New Hampshire-----	-	-	-	-	-	1	1	2	2,169	2,169	-	-	-	-	-			
Vermont-----	-	-	-	-	-	1	-	1	316	316	-	-	-	-	-			
Massachusetts-----	-	-	-	-	-	7	-	7	11,622	11,622	-	-	-	-	-			
Rhode Island-----	-	-	-	-	-	2	-	2	1,747	1,747	-	-	-	-	-			
Connecticut-----	-	-	-	-	-	5	-	5	7,211	7,211	-	-	-	-	-			
Middle Atlantic-----	-	-	-	-	-	30	-	-	62,491	62,471	-	-	-	-	-			
New York-----	-	-	-	-	-	10	2	12	13,605	13,585	-	-	-	-	-			
New Jersey-----	-	-	-	-	-	10	1	11	29,335	29,335	-	-	-	-	-			
Pennsylvania-----	-	-	-	-	-	10	1	11	19,551	19,551	-	-	-	-	-			
East North Central-----	-	-	-	-	-	88	-	-	39,567	33,362	-	-	-	-	-			
Ohio-----	-	-	-	-	-	14	-	14	21,520	18,467	-	-	-	-	-			
Indiana-----	-	-	-	-	-	14	-	14	5,975	5,020	-	-	-	-	-			
Illinois-----	-	-	-	-	-	7	3	10	1,704	972	-	-	-	-	-			
Michigan-----	-	-	-	-	-	22	1	23	3,447	3,426	-	-	-	-	-			
Wisconsin-----	-	-	-	-	-	31	2	33	6,921	5,477	-	-	-	-	-			
West North Central-----	21	-	-	23	23	477	-	-	82,448	65,645	-	-	-	-	-			
Minnesota-----	-	-	-	-	-	149	1	150	31,617	27,793	-	-	-	-	-			
Iowa-----	-	-	-	-	-	27	-	27	7,256	7,256	-	-	-	-	-			
Missouri-----	21	-	21	23	23	167	1	168	23,894	11,942	-	-	-	-	-			
North Dakota-----	-	-	-	-	-	18	1	19	2,327	2,225	-	-	-	-	-			
South Dakota-----	-	-	-	-	-	36	-	36	5,250	5,250	-	-	-	-	-			
Nebraska-----	-	-	-	-	-	49	1	50	6,998	6,073	-	-	-	-	-			
Kansas-----	-	-	-	-	-	31	-	31	5,106	5,106	-	-	-	-	-			
South Atlantic-----	10	-	-	46,445	45,621	31	-	-	36,939	36,939	1	-	-	10	10			
Delaware-----	-	-	-	-	-	1	1	2	127	127	-	-	-	-	-			
Maryland-----	-	-	-	-	-	2	-	2	1,906	1,906	-	-	-	-	-			
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Virginia-----	1	-	1	14,226	14,226	9	1	10	23,996	23,996	-	-	-	-	-			
West Virginia-----	-	-	-	-	-	1	1	2	281	281	-	-	-	-	-			
North Carolina-----	1	-	1	2	2	9	-	9	7,393	7,393	-	-	-	-	-			
South Carolina-----	1	-	1	24	24	-	1	1	172	172	-	-	-	-	-			
Georgia-----	7	-	7	32,087	31,332	6	-	6	2,641	2,641	-	-	-	-	-			
Florida-----	-	1	1	106	37	3	1	4	423	423	1	-	1	10	10			
East South Central-----	2	-	-	755	274	19	-	-	3,088	3,088	-	-	-	-	-			
Kentucky-----	-	-	-	-	-	1	-	1	60	60	-	-	-	-	-			
Tennessee-----	-	-	-	-	-	4	-	4	31	31	-	-	-	-	-			
Alabama-----	1	1	2	647	235	8	1	9	2,744	2,744	-	-	-	-	-			
Mississippi-----	1	1	2	108	39	6	1	7	253	253	-	-	-	-	-			
West South Central-----	10	-	-	7,662	7,593	45	-	-	5,469	5,452	45	-	-	111,490	73,398			
Arkansas-----	1	-	1	2	2	3	1	4	2,681	2,664	14	-	14	23,593	23,593			
Louisiana-----	-	1	1	106	37	-	-	-	-	-	14	-	14	17,870	10,252			
Oklahoma-----	5	-	5	402	402	21	-	21	629	629	-	-	-	-	-			
Texas-----	4	-	4	7,152	7,152	21	-	21	2,159	2,159	17	1	18	70,027	39,553			
Mountain-----	-	-	-	-	-	22	-	-	23,146	19,552	-	-	-	-	-			
Montana-----	-	-	-	-	-	4	-	4	41	41	-	-	-	-	-			
Idaho-----	-	-	-	-	-	2	1	3	2,113	2,044	-	-	-	-	-			
Wyoming-----	-	-	-	-	-	2	1	3	36	35	-	-	-	-	-			
Colorado-----	-	-	-	-	-	9	-	9	3,443	1,891	-	-	-	-	-			
New Mexico-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Arizona-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Utah-----	-	-	-	-	-	4	2	6	17,468	15,496	-	-	-	-	-			
Nevada-----	-	-	-	-	-	1	-	1	45	45	-	-	-	-	-			
Pacific-----	31	-	-	73,590	38,856	27	-	-	80,451	70,978	6	-	-	38,177	38,177			
Washington-----	1	1	2	278	119	5	1	6	20,425	18,312	-	-	-	-	-			
Oregon-----	7	-	7	5,502	3,019	4	2	6	6,417	4,882	-	-	-	-	-			
California-----	23	-	23	67,810	35,718	18	2	20	53,609	47,784	6	-	6	38,177	38,177			

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



Table 12. - Estimated business<sup>1</sup> of farmers' marketing, purchasing, and service associations<sup>2</sup> by commodity groups, geographic divisions, and States, 1951-52<sup>3</sup> - Continued

Geographic division and State	Sugar products						Tobacco				Wool and mohair				
	Estimated number of associations handling <sup>4</sup>			Estimated value of sales		Estimated number of associations handling <sup>4</sup>			Estimated value of sales <sup>5</sup>		Estimated number of associations handling <sup>4</sup>			Estimated value of sales <sup>5</sup>	
	Head- quarters in State	Head- quarters out of State	Total in State	Gross	Net <sup>6</sup>	Head- quarters in State	Head- quarters out of State	Total in State	Gross	Net <sup>6</sup>	Head- quarters in State	Head- quarters out of State	Total in State	Gross	Net <sup>6</sup>
UNITED STATES-----	65	-	-	147,313	147,313	29	-	-	173,399	173,399	217	-	-	46,170	42,031
New England-----	-	-	-	-	-	1	-	-	3,038	3,038	3	-	-	4,266	4,266
Maine-----	-	-	-	-	-	-	-	-	-	-	1	-	1	12	12
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	1	1	160	160	
Vermont-----	-	-	-	-	-	-	-	-	-	-	2	2	106	106	
Massachusetts-----	-	-	-	-	-	1	-	1	1,215	1,215	2	-	2	3,988	3,988
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Connecticut-----	-	-	-	-	-	1	1	1,823	1,823	-	-	-	-	-	
Middle Atlantic-----	2	-	-	549	549	1	-	-	97	97	27	-	-	757	757
New York-----	2	-	2	549	549	-	-	-	-	-	1	-	1	126	126
New Jersey-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pennsylvania-----	-	-	-	-	-	1	-	1	97	97	26	1	27	631	631
East North Central-----	13	-	-	9,009	9,009	3	-	-	3,075	3,075	24	-	-	4,257	4,257
Ohio-----	3	-	3	700	700	1	-	1	144	144	2	1	3	1,677	1,677
Indiana-----	-	-	-	-	-	1	1	8	8	4	2	6	817	817	
Illinois-----	1	-	1	14	14	-	-	-	-	7	1	8	336	336	
Michigan-----	8	-	8	7,174	7,174	-	-	-	-	6	1	7	1,173	1,173	
Wisconsin-----	1	-	1	1,121	1,121	2	-	2	2,923	2,923	5	-	5	254	254
West North Central-----	6	-	-	12,822	12,822	1	-	-	275	275	78	-	-	15,726	15,506
Minnesota-----	2	-	2	1,025	1,025	-	-	-	-	-	4	-	4	3,614	3,614
Iowa-----	1	-	1	3,987	3,987	-	-	-	-	-	3	-	3	112	112
Missouri-----	-	-	-	-	-	1	-	1	267	267	66	-	66	1,185	965
North Dakota-----	-	-	-	-	-	-	-	-	-	-	4	-	4	824	824
South Dakota-----	1	-	1	700	700	-	-	-	-	-	1	1	2	8,401	8,401
Nebraska-----	2	-	2	7,110	7,110	-	-	-	-	-	1	1	1	570	570
Kansas-----	-	-	-	-	-	1	1	8	8	-	1	1	1,020	1,020	
South Atlantic-----	2	-	-	1,701	1,701	14	-	-	94,672	94,672	24	-	-	3,122	2,068
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Maryland-----	-	-	-	-	-	2	-	2	3,334	3,334	-	1	1	116	116
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Virginia-----	-	-	-	-	-	4	1	5	13,268	13,268	13	-	13	1,862	1,621
West Virginia-----	-	-	-	-	-	1	1	11	11	11	10	2	12	1,074	261
North Carolina-----	-	-	-	-	-	6	3	9	61,225	61,225	1	1	2	61	61
South Carolina-----	-	-	-	-	-	1	1	1	7,521	7,521	-	1	1	9	9
Georgia-----	-	-	-	-	-	1	2	3	7,978	7,978	-	-	-	-	-
Florida-----	2	-	2	1,701	1,701	1	1	2	1,335	1,335	-	-	-	-	-
East South Central-----	1	-	-	20	20	5	-	-	72,238	72,238	12	-	-	1,290	1,290
Kentucky-----	1	-	1	20	20	6	3	9	63,205	63,205	5	-	5	905	905
Tennessee-----	-	-	-	-	-	3	3	6	9,033	9,033	6	1	7	329	329
Alabama-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mississippi-----	-	-	-	-	-	-	-	-	-	-	1	-	1	56	56
West South Central-----	9	-	-	8,881	8,881	-	-	-	4	4	6	-	-	2,645	2,645
Arkansas-----	-	-	-	-	-	-	1	1	3	3	2	1	3	216	216
Louisiana-----	9	-	9	8,881	8,881	-	-	-	-	-	1	1	2	1,211	1,211
Oklahoma-----	-	-	-	-	-	-	1	1	1	1	-	1	1	420	420
Texas-----	-	-	-	-	-	-	-	-	-	-	3	1	4	798	798
Mountain-----	28	-	-	53,012	53,012	-	-	-	-	-	41	-	-	12,478	9,613
Montana-----	6	-	6	5,048	5,048	-	-	-	-	-	10	1	11	3,494	1,152
Idaho-----	7	-	7	6,009	6,009	-	-	-	-	-	18	1	19	3,269	3,269
Wyoming-----	4	-	4	7,435	7,435	-	-	-	-	-	4	-	4	978	978
Colorado-----	3	-	3	27,020	27,020	-	-	-	-	-	3	-	3	842	345
New Mexico-----	-	-	-	-	-	-	-	-	-	-	2	1	3	433	433
Arizona-----	-	-	-	-	-	-	-	-	-	-	1	-	1	695	695
Utah-----	8	-	8	7,500	7,500	-	-	-	-	-	2	2	4	2,464	2,438
Nevada-----	-	-	-	-	-	-	-	-	-	-	1	-	1	303	303
Pacific-----	4	-	-	61,319	61,319	-	-	-	-	-	2	-	-	1,629	1,629
Washington-----	1	-	1	6,500	6,500	-	-	-	-	-	1	1	1	399	399
Oregon-----	-	-	-	-	-	-	-	-	-	-	1	-	1	1,130	1,130
California-----	3	-	3	54,819	54,819	-	-	-	-	-	1	1	2	100	100

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

Table 12. - Estimated business<sup>1</sup> of farmers' marketing, purchasing, and service associations<sup>2</sup> by commodity groups, geographic divisions, and States, 1951-52<sup>3</sup> - Continued

Geographic division and State	Miscellaneous <sup>1</sup>						Total farm products marketed						Building material					
	Estimated number of associations handling <sup>4</sup>			Estimated value of sales			Estimated number of associations handling <sup>4</sup>			Estimated value of sales <sup>5</sup>			Estimated number of associations handling <sup>4</sup>			Estimated value of sales		
	Head-quarters in State	Head-quarters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head-quarters in State	Head-quarters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head-quarters in State	Head-quarters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000			
UNITED STATES-----	289	-	-	54,064	45,962	7,303	-	-	9,257,072	7,411,059	790	-	-	72,953	40,255			
New England-----	3	-	-	161	161	81	-	-	187,050	180,775	4	-	-	1,043	821			
Maine-----	2	-	2	135	135	12	2	14	27,693	27,693	2	1	3	149	49			
New Hampshire-----	-	-	-	-	-	9	5	14	15,060	15,060	1	1	2	661	639			
Vermont-----	1	-	1	26	26	20	9	29	59,592	59,578	-	-	-	-	-			
Massachusetts-----	-	-	-	-	-	23	3	26	47,914	41,660	1	1	2	194	94			
Rhode Island-----	-	-	-	-	-	3	2	5	4,852	4,852	-	1	1	8	8			
Connecticut-----	-	-	-	-	-	14	5	19	31,939	31,932	-	1	1	31	31			
Middle Atlantic-----	48	-	-	7,524	5,310	380	-	-	701,978	567,479	249	-	-	7,878	2,481			
New York-----	40	-	40	7,090	4,912	225	9	234	451,253	319,332	188	1	189	4,773	1,530			
New Jersey-----	1	1	2	27	9	35	6	41	74,090	72,873	19	1	20	624	374			
Pennsylvania-----	7	1	8	407	389	120	12	132	176,635	175,274	42	2	44	2,481	577			
East North Central-----	29	-	-	6,290	6,290	1,556	-	-	2,210,222	1,859,319	163	-	-	24,446	10,329			
Ohio-----	2	-	2	1	1	251	8	259	436,528	385,976	28	1	29	4,901	2,905			
Indiana-----	3	-	3	104	104	134	22	156	326,860	269,188	38	1	39	8,201	2,423			
Illinois-----	8	1	9	298	298	380	18	398	679,433	542,778	43	2	45	5,355	2,842			
Michigan-----	5	-	5	412	412	168	9	177	243,875	208,337	22	2	24	3,495	1,233			
Wisconsin-----	11	-	11	5,475	5,475	623	16	639	523,530	453,040	32	3	35	2,494	926			
West North Central-----	131	-	-	5,959	5,553	3,011	-	-	2,636,687	2,022,115	234	-	-	27,707	21,514			
Minnesota-----	16	1	17	966	966	1,019	14	1,033	696,188	515,520	36	2	38	3,386	2,374			
Iowa-----	9	-	9	193	193	591	20	611	522,153	434,337	63	5	68	8,658	8,041			
Missouri-----	93	-	93	4,484	4,078	224	13	237	245,342	220,399	46	2	48	3,654	1,807			
North Dakota-----	5	-	5	263	263	410	10	420	360,569	243,302	18	3	21	4,835	3,818			
South Dakota-----	5	-	5	40	40	225	9	234	179,478	149,929	21	2	23	2,328	1,885			
Nebraska-----	2	-	2	13	13	273	14	287	289,843	235,320	31	3	34	3,014	2,467			
Kansas-----	1	-	1	(8)	(8)	269	16	285	343,114	223,308	19	2	21	1,832	1,122			
South Atlantic-----	18	-	-	1,082	1,082	317	-	-	508,852	438,766	68	-	-	4,041	1,095			
Delaware-----	-	-	-	-	-	11	3	14	7,226	7,021	-	-	-	-	-			
Maryland-----	1	-	1	11	11	29	6	35	54,923	54,053	-	1	1	(8)	(8)			
District of Columbia-----	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-			
Virginia-----	2	-	2	151	151	72	5	77	94,268	93,552	2	1	3	2,078	46			
West Virginia-----	2	-	2	45	45	20	11	31	10,935	10,090	1	1	2	117	7			
North Carolina-----	6	-	6	276	276	35	5	40	95,578	95,578	49	1	50	1,358	832			
South Carolina-----	1	1	2	79	79	12	2	14	12,405	12,405	13	1	14	191	191			
Georgia-----	1	-	1	200	200	46	2	48	83,980	72,774	1	1	2	289	11			
Florida-----	5	-	5	320	320	91	3	94	149,537	93,293	2	-	2	8	8			
East South Central-----	5	-	-	1,326	1,326	178	-	-	277,259	264,916	16	-	-	675	246			
Kentucky-----	-	-	-	-	-	26	12	38	113,648	112,389	1	-	1	4	4			
Tennessee-----	2	-	2	973	973	36	8	44	41,415	39,836	9	-	9	281	81			
Alabama-----	3	-	3	353	353	32	4	36	26,881	19,761	-	-	-	-	-			
Mississippi-----	-	-	-	-	-	84	5	89	95,315	92,390	6	1	7	390	161			
West South Central-----	11	-	-	1,244	1,244	760	-	-	663,685	517,414	22	-	-	1,906	1,153			
Arkansas-----	3	-	3	673	673	73	9	82	50,302	47,819	6	2	8	386	276			
Louisiana-----	1	-	1	61	61	54	5	59	39,057	31,332	4	-	4	15	15			
Oklahoma-----	-	-	-	-	-	170	10	180	169,375	123,390	10	3	13	1,194	854			
Texas-----	7	-	7	510	510	463	9	472	404,951	314,873	2	-	2	311	8			
Mountain-----	17	-	-	1,813	1,748	359	-	-	618,515	505,832	15	-	-	3,500	2,008			
Montana-----	7	-	7	578	578	88	14	102	139,460	82,853	4	2	6	808	500			
Idaho-----	1	1	2	526	461	70	12	82	145,037	127,350	2	2	4	327	154			
Wyoming-----	-	-	-	-	-	20	10	30	24,752	23,355	1	2	3	152	29			
Colorado-----	6	-	6	246	246	79	12	91	174,639	147,774	5	1	6	511	352			
New Mexico-----	1	-	1	13	13	27	9	36	27,315	26,035	-	1	1	17	-			
Arizona-----	1	-	1	24	24	11	6	17	27,378	21,676	2	-	2	1,518	950			
Utah-----	1	-	1	426	426	60	4	64	74,709	71,564	-	1	1	144	-			
Nevada-----	-	-	-	-	-	4	1	5	5,225	5,225	1	-	1	23	23			
Pacific-----	27	-	-	28,665	23,248	661	-	-	1,452,824	1,054,443	19	-	-	1,757	608			
Washington-----	8	-	8	4,696	3,920	126	11	137	268,876	198,979	10	1	11	574	61			
Oregon-----	11	1	12	6,640	1,999	95	9	104	162,772	121,375	5	3	8	488	130			
California-----	8	-	8	17,329	17,329	440	6	446	1,021,176	734,089	4	2	6	695	417			

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

Table 12. - Estimated business<sup>1</sup> of farmers' marketing, purchasing, and service associations<sup>2</sup> by commodity groups, geographic divisions, and States, 1951-52<sup>3</sup> - Continued

Geographic division and State	Containers					Farm machinery and equipment					Feed				
	Estimated number of associations handling <sup>1</sup>			Estimated value of sales		Estimated number of associations handling <sup>1</sup>			Estimated value of sales		Estimated number of associations handling <sup>1</sup>			Estimated value of sales	
	Head- quar- ters in State	Head- quar- ters out of State	Total in State	Gross	Net <sup>6</sup>	Head- quar- ters in State	Head- quar- ters out of State	Total in State	Gross	Net <sup>6</sup>	Head- quar- ters in State	Head- quar- ters out of State	Total in State	Gross	Net <sup>6</sup>
				\$1,000	\$1,000				\$1,000	\$1,000				\$1,000	\$1,000
UNITED STATES-----	921	-	-	44,905	17,767	1,792	-	-	126,137	76,278	4,249	-	-	1,068,700	810,153
New England-----	17	-	-	2,218	2,216	22	-	-	3,269	3,198	47	-	-	71,693	67,394
Maine-----	3	-	3	1,969	1,969	3	2	5	1,436	1,404	10	2	12	10,347	10,023
New Hampshire-----	1	-	1	6	6	3	2	5	741	734	4	2	6	11,581	11,401
Vermont-----	4	-	4	11	11	-	2	2	186	186	9	1	10	8,299	8,299
Massachusetts-----	5	-	5	211	209	9	3	12	424	392	12	-	12	22,293	20,048
Rhode Island-----	1	-	1	1	1	1	-	1	3	3	-	2	2	1,971	1,791
Connecticut-----	3	-	3	20	20	6	1	7	479	479	12	3	15	17,202	15,832
Middle Atlantic-----	269	-	-	3,758	2,947	298	-	-	13,176	7,280	322	-	-	293,686	204,870
New York-----	194	-	194	1,655	1,173	203	1	204	5,273	3,074	212	-	212	144,772	99,322
New Jersey-----	31	1	32	1,512	1,358	26	2	28	1,676	1,239	28	2	30	55,899	39,345
Pennsylvania-----	44	1	45	591	416	69	6	75	6,227	2,967	82	3	85	93,015	66,203
East North Central-----	89	-	-	2,031	1,232	479	-	-	42,896	26,821	932	-	-	199,436	137,467
Ohio-----	18	-	18	465	465	119	3	122	12,141	8,132	201	2	203	52,721	34,610
Indiana-----	2	-	2	4	4	98	6	104	11,410	6,403	115	2	117	38,507	24,912
Illinois-----	35	-	35	726	224	49	4	53	2,965	1,875	267	4	271	44,866	30,882
Michigan-----	17	-	17	290	290	85	6	91	7,518	4,673	125	4	129	24,622	17,558
Wisconsin-----	17	-	17	546	249	128	6	134	8,862	5,738	224	6	230	38,720	29,505
West North Central-----	58	-	-	1,673	1,121	528	-	-	31,208	17,736	1,809	-	-	182,370	128,483
Minnesota-----	24	-	24	419	410	178	5	183	9,235	4,513	535	1	536	37,797	29,522
Iowa-----	11	-	11	87	87	70	5	75	3,547	2,959	307	6	313	40,924	31,024
Missouri-----	7	1	8	573	30	40	5	45	3,594	1,245	202	1	203	68,963	40,650
North Dakota-----	4	-	4	136	136	72	3	75	4,053	2,403	199	8	207	4,266	2,586
South Dakota-----	1	-	1	2	2	43	4	47	2,272	1,621	149	8	157	4,820	3,714
Nebraska-----	4	1	5	380	380	78	6	84	6,191	3,270	190	6	196	7,877	6,574
Kansas-----	7	1	8	76	76	47	2	49	2,316	1,725	227	4	231	17,723	14,413
South Atlantic-----	107	-	-	6,182	1,843	95	-	-	8,781	6,057	238	-	-	105,028	83,318
Delaware-----	9	1	10	20	20	-	-	-	-	-	9	2	11	9,809	8,642
Maryland-----	18	2	20	33	33	3	3	6	666	640	29	3	32	18,595	16,143
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	40	-	40	371	371	7	3	10	1,890	1,248	54	-	54	34,765	30,095
West Virginia-----	22	1	23	14	14	1	2	3	140	71	22	-	22	6,128	4,771
North Carolina-----	2	-	2	13	13	50	5	55	4,824	3,231	55	1	56	17,743	15,595
South Carolina-----	2	-	2	330	330	16	2	18	425	415	17	1	18	2,048	2,021
Georgia-----	3	-	3	3	1	13	2	15	762	398	40	1	41	14,583	5,006
Florida-----	11	-	11	5,398	1,061	5	2	7	74	54	12	3	15	1,357	1,045
East South Central-----	70	-	-	211	200	45	-	-	1,100	669	203	-	-	26,138	17,869
Kentucky-----	38	-	38	28	28	4	1	5	79	67	47	1	48	10,980	8,878
Tennessee-----	9	1	10	22	22	22	4	26	663	391	81	3	84	9,164	4,460
Alabama-----	5	-	5	15	15	6	1	7	99	52	31	1	32	3,677	2,373
Mississippi-----	18	-	18	146	135	13	3	16	259	159	44	3	47	2,317	2,158
West South Central-----	196	-	-	4,541	2,691	102	-	-	3,947	1,629	416	-	-	52,210	37,072
Arkansas-----	13	1	14	165	88	10	3	13	437	123	44	3	47	20,848	9,425
Louisiana-----	16	-	16	569	149	3	1	4	172	167	13	1	14	354	43
Oklahoma-----	31	1	32	580	315	29	3	32	795	467	145	5	150	9,182	6,924
Texas-----	136	1	137	3,227	2,139	60	3	63	2,543	872	214	1	215	21,826	20,680
Mountain-----	47	-	-	1,401	1,009	101	-	-	6,680	4,532	146	-	-	24,291	20,922
Montana-----	3	-	3	4	4	35	3	38	1,906	1,309	49	3	52	1,313	919
Idaho-----	4	-	4	109	109	37	4	41	2,937	1,774	26	4	30	4,384	3,807
Wyoming-----	2	-	2	21	21	4	2	6	296	133	9	3	12	888	657
Colorado-----	17	-	17	627	627	18	1	19	751	618	37	1	38	3,947	3,012
New Mexico-----	8	-	8	105	105	3	2	5	24	12	7	3	10	1,207	1,151
Arizona-----	2	2	4	400	8	-	-	-	-	-	4	-	4	2,355	1,179
Utah-----	11	-	11	135	135	4	2	6	766	686	13	-	13	10,064	10,064
Nevada-----	-	-	-	-	-	-	-	-	-	-	1	-	1	133	133
Pacific-----	68	-	-	22,890	4,508	122	-	-	15,080	8,356	136	-	-	113,848	112,758
Washington-----	31	-	31	2,933	2,131	63	4	67	8,124	3,076	59	3	62	26,352	25,906
Oregon-----	3	1	4	828	777	35	4	39	5,409	4,147	42	2	44	17,692	17,082
California-----	34	-	34	19,129	1,600	24	3	27	1,547	1,133	35	1	36	69,804	69,770

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

Table 12. - Estimated business<sup>1</sup> of farmers' marketing, purchasing, and service associations<sup>2</sup> by commodity groups, geographic divisions, and States, 1951-52<sup>3</sup> - Continued

Geographic division and State	Fertilizer						Insecticides				Meats, groceries, etc.							
	Estimated number of associations handling <sup>1</sup>			Estimated value of sales			Estimated number of associations handling <sup>1</sup>			Estimated value of sales			Estimated number of associations handling <sup>1</sup>			Estimated value of sales		
	Head- quar- ters in out of State	Head- quar- ters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head- quar- ters in out of State	Head- quar- ters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head- quar- ters in out of State	Head- quar- ters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000			
UNITED STATES-----	3,376	-	-	296,771	183,615	1,111	-	-	33,153	24,649	859	-	-	45,787	37,675			
New England-----	45	-	-	5,933	5,933	9	-	-	1,224	1,224	10	-	-	423	423			
Maine-----	15	1	16	2,867	2,867	4	1	5	539	539	3	-	3	173	173			
New Hampshire-----	1	1	2	284	284	-	1	1	62	62	-	-	-	-	-			
Vermont-----	6	1	7	487	487	-	1	1	99	99	4	-	4	102	102			
Massachusetts-----	13	-	13	1,192	1,192	5	-	5	337	337	2	-	2	137	137			
Rhode Island-----	-	1	1	112	112	-	1	1	25	25	-	-	-	-	-			
Connecticut-----	10	1	11	991	991	-	1	1	162	162	1	-	1	11	11			
Middle Atlantic-----	332	-	-	38,598	24,565	266	-	-	6,252	4,168	12	-	-	373	373			
New York-----	214	1	215	19,873	12,509	193	-	193	3,525	2,457	7	-	7	151	151			
New Jersey-----	30	1	31	6,289	4,330	19	1	20	886	543	2	-	2	86	86			
Pennsylvania-----	88	3	91	12,436	7,726	54	2	56	1,841	1,168	3	-	3	136	136			
East North Central-----	870	-	-	82,733	50,916	149	-	-	5,660	4,149	197	-	-	11,516	9,727			
Ohio-----	189	2	191	16,430	11,142	35	1	36	1,301	951	14	-	14	376	376			
Indiana-----	117	1	118	18,475	11,503	29	-	29	2,082	1,656	5	-	5	236	236			
Illinois-----	207	4	211	22,177	14,140	27	-	27	1,093	784	37	1	38	1,251	1,251			
Michigan-----	132	5	137	9,694	5,755	34	-	34	1,040	627	19	1	20	3,168	2,474			
Wisconsin-----	225	7	232	15,957	8,376	24	2	26	144	131	122	1	123	6,485	5,390			
West North Central-----	1,031	-	-	50,024	24,898	211	-	-	3,806	3,595	557	-	-	28,919	22,881			
Minnesota-----	338	5	343	12,900	7,033	44	-	44	559	430	270	1	271	8,906	6,637			
Iowa-----	243	7	250	12,401	5,807	25	1	26	1,886	1,885	41	3	44	1,081	768			
Missouri-----	196	3	199	17,328	7,977	41	1	42	331	257	122	-	122	8,293	5,862			
North Dakota-----	55	7	62	1,271	391	37	2	39	245	241	34	3	37	2,844	2,773			
South Dakota-----	34	4	38	657	187	18	1	19	37	37	19	3	22	1,039	968			
Nebraska-----	62	4	66	1,454	646	24	-	24	504	501	25	2	27	3,476	2,970			
Kansas-----	103	2	105	4,013	2,857	22	-	22	244	244	46	1	47	3,271	2,903			
South Atlantic-----	288	-	-	38,845	29,559	115	-	-	2,890	2,356	9	-	-	304	304			
Delaware-----	9	2	11	1,516	1,249	-	1	1	62	62	-	-	-	-	-			
Maryland-----	30	3	33	3,974	3,413	4	2	6	70	70	3	-	3	70	70			
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Virginia-----	63	2	65	9,715	7,088	2	-	2	28	28	2	-	2	169	169			
West Virginia-----	23	2	25	1,412	1,018	2	1	3	21	12	-	-	-	-	-			
North Carolina-----	53	3	56	6,008	4,855	52	-	52	583	582	1	-	1	53	53			
South Carolina-----	19	2	21	1,613	837	20	1	21	506	506	-	-	-	-	-			
Georgia-----	46	1	47	5,966	3,147	10	-	10	378	55	2	-	2	8	8			
Florida-----	45	3	48	8,641	7,952	25	-	25	1,242	1,041	1	-	1	4	4			
East South Central-----	236	-	-	44,650	25,082	64	-	-	2,911	2,002	4	-	-	62	62			
Kentucky-----	51	2	53	5,092	2,753	1	-	1	7	7	-	-	-	-	-			
Tennessee-----	81	4	85	9,805	5,291	33	1	34	465	296	2	-	2	15	15			
Alabama-----	34	1	35	12,149	7,220	11	1	12	408	381	1	-	1	1	1			
Mississippi-----	70	3	73	17,604	9,818	19	1	20	2,031	1,318	1	-	1	46	46			
West South Central-----	242	-	-	17,037	11,227	138	-	-	2,285	2,155	20	-	-	741	560			
Arkansas-----	49	4	53	8,853	5,125	11	2	13	471	400	1	1	2	8	8			
Louisiana-----	26	2	28	2,729	2,156	3	1	4	407	407	-	-	-	-	-			
Oklahoma-----	73	4	77	1,477	834	29	1	30	284	273	9	2	11	353	180			
Texas-----	94	1	95	3,978	3,112	95	-	95	1,123	1,075	10	1	11	380	372			
Mountain-----	74	-	-	3,929	2,350	36	-	-	1,465	972	32	-	-	2,323	2,210			
Montana-----	9	1	10	441	244	8	1	9	43	43	12	1	13	595	595			
Idaho-----	18	4	22	969	475	4	1	5	152	30	3	-	3	185	185			
Wyoming-----	3	4	7	181	74	1	-	1	13	13	1	1	2	112	82			
Colorado-----	21	1	22	780	586	12	-	12	213	213	12	1	13	1,216	1,133			
New Mexico-----	8	3	11	455	401	2	-	2	160	160	-	1	1	(8)	-			
Arizona-----	4	2	6	764	340	3	1	4	743	372	-	-	-	-	-			
Utah-----	11	-	11	339	230	6	-	6	141	141	4	-	4	215	215			
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Pacific-----	258	-	-	15,022	9,085	123	-	-	6,660	4,028	18	-	-	1,135	1,135			
Washington-----	62	-	62	3,377	2,308	41	1	42	2,974	1,565	12	1	13	873	873			
Oregon-----	51	3	54	3,560	2,620	19	2	21	914	616	6	1	7	262	262			
California-----	145	2	147	8,085	4,157	63	1	64	2,772	1,847	-	-	-	-	-			

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

Table 12. - Estimated business<sup>1</sup> of farmers' marketing, purchasing, and service associations<sup>2</sup> by commodity groups, geographic divisions, and States, 1951-52<sup>3</sup> - Continued

Geographic division and State	Petroleum products						Seed				Miscellaneous supplies					
	Estimated number of associations handling <sup>1</sup>			Estimated value of sales			Estimated number of associations handling <sup>2</sup>			Estimated value of sales		Estimated number of associations handling <sup>2</sup>			Estimated value of sales	
	Head- quarters in State	Head- quarters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	
UNITED STATES-----	2,657	-	-	653,610	421,524	3,436	-	-	128,788	94,997	4,522	-	-	289,785	210,304	
New England-----	22	-	-	709	677	32	-	-	3,192	3,183	56	-	-	7,181	6,610	
Maine-----	7	3	10	242	229	7	1	8	470	461	10	3	13	938	807	
New Hampshire-----	2	3	5	42	39	3	1	4	922	922	6	3	9	2,799	2,736	
Vermont-----	4	2	6	335	335	7	1	8	359	359	14	2	16	705	684	
Massachusetts-----	6	1	7	67	52	8	-	8	733	733	15	2	17	1,719	1,441	
Rhode Island-----	-	1	1	2	2	-	1	1	73	73	-	3	3	89	86	
Connecticut-----	3	1	4	21	20	7	1	8	635	635	11	2	13	931	856	
Middle Atlantic-----	118	-	-	48,068	29,132	320	-	-	18,290	12,107	347	-	-	31,764	19,350	
New York-----	61	1	62	22,000	14,051	209	-	209	8,873	6,029	223	3	226	17,270	9,407	
New Jersey-----	9	1	10	5,663	3,202	26	1	27	2,860	1,946	32	2	34	4,563	3,144	
Pennsylvania-----	48	2	50	20,405	11,879	85	3	88	6,557	4,132	92	4	96	9,931	6,799	
East North Central-----	636	-	-	193,883	128,297	832	-	-	33,247	21,394	1,045	-	-	84,093	60,715	
Ohio-----	113	1	114	26,621	18,320	180	2	182	8,440	5,453	203	5	208	22,041	18,225	
Indiana-----	100	2	102	38,162	25,274	114	1	115	5,395	3,138	118	2	120	16,840	12,910	
Illinois-----	124	3	127	76,159	48,756	211	4	215	7,864	5,962	255	5	260	16,909	7,942	
Michigan-----	94	2	96	12,909	8,691	119	4	123	4,023	2,576	118	6	124	10,210	7,940	
Wisconsin-----	205	4	209	40,032	27,256	208	6	214	7,525	4,265	351	8	359	18,093	13,698	
West North Central-----	1,217	-	-	297,710	190,834	1,240	-	-	24,932	19,081	1,869	-	-	73,840	53,671	
Minnesota-----	239	4	243	72,462	50,838	356	3	359	5,580	3,904	541	5	546	22,069	14,253	
Iowa-----	152	5	157	60,815	36,275	245	6	251	5,377	4,918	354	9	363	14,316	12,237	
Missouri-----	141	2	143	25,134	15,654	184	1	185	8,942	5,938	182	2	184	15,112	8,955	
North Dakota-----	155	5	160	34,313	19,952	186	6	192	2,130	1,846	270	8	278	7,558	5,776	
South Dakota-----	116	5	121	26,470	19,614	116	6	122	958	780	145	8	153	4,137	3,429	
Nebraska-----	186	4	190	36,465	24,876	44	5	49	407	265	188	8	196	3,905	3,044	
Kansas-----	228	3	231	42,051	23,625	109	2	111	1,538	1,430	189	4	193	6,743	5,977	
South Atlantic-----	50	-	-	13,886	8,713	250	-	-	18,266	15,143	237	-	-	34,624	23,970	
Delaware-----	2	1	3	1,185	630	9	2	11	1,159	916	9	2	11	2,355	1,531	
Maryland-----	16	2	18	5,480	4,313	32	3	35	2,773	2,263	28	4	32	5,907	4,008	
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Virginia-----	11	1	12	5,697	3,211	54	-	54	5,530	4,559	56	1	57	16,911	11,122	
West Virginia-----	1	2	3	1,351	517	22	2	24	1,029	758	24	2	26	2,349	1,478	
North Carolina-----	10	2	12	110	15	55	1	56	3,712	3,647	56	3	59	4,150	3,299	
South Carolina-----	2	1	3	3	3	19	1	20	813	810	20	1	21	760	758	
Georgia-----	1	1	2	38	2	43	-	43	2,681	1,685	34	1	35	1,882	1,494	
Florida-----	7	-	7	22	22	16	2	18	569	505	10	2	12	310	280	
East South Central-----	77	-	-	6,626	4,547	212	-	-	14,967	10,597	202	-	-	9,497	7,128	
Kentucky-----	4	1	5	1,891	890	46	1	47	2,075	1,638	49	1	50	4,569	3,068	
Tennessee-----	58	2	60	2,006	1,757	82	3	85	4,638	3,133	71	4	75	1,384	1,190	
Alabama-----	7	1	8	990	722	31	1	32	3,773	2,818	27	-	27	1,564	1,380	
Mississippi-----	8	2	10	1,739	1,178	53	3	56	4,481	3,008	55	3	58	1,980	1,490	
West South Central-----	169	-	-	21,155	13,064	351	-	-	8,576	6,698	290	-	-	8,616	5,750	
Arkansas-----	10	3	13	1,830	1,462	41	3	44	2,683	1,526	33	4	37	2,058	1,283	
Louisiana-----	-	-	-	-	-	12	1	13	830	816	13	-	13	66	48	
Oklahoma-----	76	3	79	9,065	4,286	92	4	96	1,410	1,257	100	4	104	1,893	1,422	
Texas-----	83	-	83	10,260	7,316	206	1	207	3,653	3,099	144	2	146	4,599	2,997	
Mountain-----	218	-	-	37,171	24,735	84	-	-	2,103	1,831	196	-	-	14,269	11,785	
Montana-----	103	3	106	13,321	9,171	22	2	24	320	234	80	4	84	3,323	2,744	
Idaho-----	40	4	44	8,202	4,930	14	3	17	367	334	43	5	48	2,456	2,387	
Wyoming-----	11	2	13	2,854	1,259	3	3	6	114	94	12	2	14	438	262	
Colorado-----	42	1	43	8,005	5,967	26	1	27	583	495	35	1	36	5,139	4,992	
New Mexico-----	5	1	6	1,724	1,459	8	2	10	63	53	5	1	6	292	261	
Arizona-----	2	1	3	177	88	2	1	3	69	34	3	2	5	1,818	802	
Utah-----	15	1	16	2,888	1,861	8	-	8	570	570	18	2	20	803	337	
Nevada-----	-	-	-	-	-	1	-	1	17	17	-	-	-	-	-	
Pacific-----	150	-	-	34,402	21,525	115	-	-	5,215	4,963	280	-	-	25,901	21,325	
Washington-----	68	2	70	19,934	12,333	30	1	31	1,477	1,432	98	6	104	9,667	7,744	
Oregon-----	34	3	37	11,277	6,058	33	1	34	1,773	1,711	73	4	77	4,299	4,108	
California-----	48	2	50	3,191	3,134	52	1	53	1,965	1,820	109	6	115	11,935	9,473	

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

Table 12. - Estimated business<sup>1</sup> of farmers' marketing, purchasing, and service associations<sup>2</sup> by commodity groups, geographic divisions, and States, 1951-52<sup>3</sup> - Continued

Geographic division and State	Total supplies					Services				Total			
	Estimated number of associations handling <sup>4</sup>			Estimated value of sales		Estimated number of associations handling <sup>4</sup>			Estimated receipts <sup>5</sup>	Estimated number of associations in State	Estimated number of associations doing business in State	Gross business	Net business <sup>6</sup>
	Head-quarters in State	Head-quarters out of State	Total in State	Gross	Net <sup>6</sup>	Head-quarters in State	Head-quarters out of State	Total in State					
									\$1,000	\$1,000	\$1,000	\$1,000	
UNITED STATES-----	7,418	-	-	2,760,589	1,917,217	4,127	-	-	114,436	10,166	-	12,132,097	9,442,712
New England-----	102	-	-	96,885	91,679	33	-	-	1,031	157	-	284,966	273,485
Maine-----	20	5	25	19,130	18,521	2	2	4	45	25	31	46,868	46,259
New Hampshire-----	9	5	14	17,098	16,823	5	2	7	183	14	22	32,341	32,066
Vermont-----	24	4	28	10,583	10,562	11	1	12	136	39	50	70,311	70,276
Massachusetts-----	29	3	32	27,307	24,635	8	-	8	520	45	49	75,741	66,815
Rhode Island-----	1	4	5	2,284	2,101	2	2	4	34	5	10	7,170	6,987
Connecticut-----	19	5	24	20,483	19,037	5	2	7	113	29	38	52,535	51,082
Middle Atlantic-----	464	-	-	461,843	307,273	212	-	-	5,009	635	-	1,168,830	879,761
New York-----	294	4	298	228,165	149,703	122	-	122	2,379	388	400	681,797	471,414
New Jersey-----	50	4	54	80,058	55,567	24	1	25	953	65	72	155,101	129,393
Pennsylvania-----	120	9	129	153,620	102,003	66	2	68	1,677	182	200	331,932	278,954
East North Central-----	1,504	-	-	679,941	451,047	870	-	-	14,675	2,158	-	2,904,838	2,325,041
Ohio-----	248	9	257	145,437	100,579	195	2	197	4,856	311	324	586,817	491,411
Indiana-----	140	8	148	139,312	88,459	118	2	120	3,025	156	182	469,197	360,672
Illinois-----	453	12	465	179,365	114,658	227	2	229	3,745	582	606	862,543	661,181
Michigan-----	180	13	193	76,969	51,817	88	1	89	1,300	238	256	322,144	261,454
Wisconsin-----	483	15	498	138,858	95,534	242	3	245	1,749	871	898	664,137	550,323
West North Central-----	3,146	-	-	722,180	483,814	1,707	-	-	18,082	3,991	-	3,376,949	2,524,011
Minnesota-----	993	11	1,004	173,313	119,914	596	3	599	6,456	1,334	1,356	875,957	641,890
Iowa-----	542	13	555	149,092	104,001	260	7	267	2,318	718	747	673,563	540,656
Missouri-----	244	7	251	151,924	88,375	136	1	137	1,010	291	309	398,276	309,784
North Dakota-----	410	11	421	61,651	39,922	301	4	305	3,323	556	573	425,543	286,547
South Dakota-----	261	10	271	42,720	32,237	113	5	118	1,057	317	333	223,255	183,223
Nebraska-----	368	13	381	63,673	44,993	141	4	145	1,334	415	439	354,850	281,647
Kansas-----	328	7	335	79,807	54,372	160	6	166	2,584	360	380	425,505	280,264
South Atlantic-----	365	-	-	232,847	172,358	123	-	-	9,874	561	-	751,573	620,998
Delaware-----	11	2	13	16,106	13,050	4	1	5	70	15	19	23,402	20,141
Maryland-----	49	5	54	37,568	30,953	14	1	15	356	59	68	92,847	85,362
District of Columbia-----	-	-	-	-	-	-	-	-	-	1	-	(1)	(1)
Virginia-----	80	4	84	77,154	57,937	21	-	21	467	133	141	171,889	151,956
West Virginia-----	25	3	28	12,561	8,646	11	1	12	122	45	56	23,618	18,858
North Carolina-----	65	6	71	38,554	32,122	12	-	12	826	86	97	124,958	128,526
South Carolina-----	22	2	24	6,689	5,871	6	1	7	84	33	36	19,178	18,360
Georgia-----	49	3	52	26,590	11,807	18	-	18	358	79	84	110,928	84,939
Florida-----	64	3	67	17,625	11,972	37	1	38	7,591	110	115	174,753	112,856
East South Central-----	286	-	-	106,837	68,402	157	-	-	3,696	384	-	387,792	337,014
Kentucky-----	59	2	61	24,725	17,333	16	2	18	489	80	94	138,862	130,211
Tennessee-----	91	8	99	28,443	16,636	25	1	26	451	112	126	70,309	56,923
Alabama-----	41	2	43	22,676	14,962	23	1	24	350	60	64	49,907	35,073
Mississippi-----	95	5	100	30,993	19,471	93	2	95	2,406	132	142	128,714	114,807
West South Central-----	675	-	-	121,014	81,999	639	-	-	26,704	929	-	811,403	626,117
Arkansas-----	70	8	78	37,739	19,716	60	2	62	2,385	115	129	90,426	69,920
Louisiana-----	25	3	28	5,142	3,801	23	1	24	728	58	66	44,927	35,861
Oklahoma-----	180	7	187	26,233	16,812	176	5	181	4,890	203	218	200,498	145,092
Texas-----	400	5	405	51,900	41,670	380	2	382	18,701	553	566	475,552	375,244
Mountain-----	391	-	-	97,132	72,354	150	-	-	5,668	558	-	721,315	583,654
Montana-----	140	5	145	22,074	15,763	46	2	48	933	181	198	162,467	99,549
Idaho-----	67	8	75	20,088	14,185	21	6	27	1,207	109	125	166,332	142,742
Wyoming-----	19	4	23	5,069	2,624	4	3	7	68	26	39	29,889	26,047
Colorado-----	96	1	97	21,772	17,995	29	3	32	505	118	131	196,916	166,274
New Mexico-----	18	4	22	4,047	3,602	30	1	31	1,946	32	43	33,308	31,583
Arizona-----	8	2	10	7,844	3,773	2	-	2	227	13	19	35,449	25,676
Utah-----	42	3	45	16,065	14,239	18	-	18	782	74	79	91,556	86,585
Nevada-----	1	-	1	173	173	-	-	-	-	5	6	5,398	5,398
Pacific-----	485	-	-	241,910	188,291	236	-	-	29,697	793	-	1,724,431	1,272,431
Washington-----	151	8	159	76,285	57,429	70	2	72	10,331	193	207	355,492	266,739
Oregon-----	103	6	109	46,502	37,511	42	3	45	3,768	130	142	213,042	162,654
California-----	231	4	235	119,123	93,351	124	-	124	15,596	470	479	1,155,897	843,038

See next page for footnote references.

<sup>1</sup>The value of products marketed is credited to the State in which they originate and the value of farm supplies is credited to the State in which they are sold.

<sup>2</sup>Includes independent local associations, federations, and large-scale centralized associations.

<sup>3</sup>Preliminary data covering operations of associations whose fiscal years ended during the period July 1, 1951, through June 30, 1952, with limited exceptions.

<sup>4</sup>The total number of associations handling each commodity within a state includes not only the associations handling the commodity which have headquarters in that state, but all other associations handling the commodity in that state whose headquarters are located in other states. Number of associations handling a commodity include those performing specific services on the commodity, such as cotton ginning associations, livestock trucking associations, rice drying associations, and fruit drying associations. (Income for these specific services is included with service receipts.)

<sup>5</sup>Includes the value of commodities marketed by cooperatives under price support program in 1951-52.

<sup>6</sup>This figure represents value at the first level at which cooperatives transact business for farmers. It does not include wholesale business of farm supply cooperatives with other cooperatives or terminal market sales for local associations.

<sup>7</sup>Includes forest products, fur pelts, hay, hops, nursery stock, tung oil, and other farm products not separately classified.

<sup>8</sup>Less than \$500.

<sup>9</sup>Charges for services in which no duplication occurs.

Appendix Table 1. - Estimated business of marketing, purchasing, and related service associations, 1950-51<sup>1 2</sup>

Item	Associations handling		Gross business of all local and large-scale cooperatives	Percent of total gross business	Net business after adjusting for duplication <sup>5</sup>	Percent of total net business
	Number <sup>3</sup>	Percent of total associations <sup>4</sup>				
			\$1,000		\$1,000	
Products marketed for patrons:						
Beans and peas (dry edible)-----	80	0.8	31,945	0.3	25,030	0.3
Cotton and cotton products-----	550	5.5	349,522	3.3	320,019	3.9
Dairy products-----	2,072	20.6	2,298,201	21.9	1,933,174	23.8
Fruits and vegetables <sup>6</sup> -----	951	9.5	1,024,577	9.7	701,777	8.6
Grain, soybeans, soybean meal and oil-----	2,740	27.3	2,057,802	19.6	1,361,499	16.7
Livestock and livestock products-----	753	7.5	1,406,328	13.4	1,321,248	16.2
Nuts-----	81	0.8	141,012	1.3	113,485	1.4
Poultry products-----	760	7.6	303,716	2.9	263,360	3.2
Rice-----	44	0.4	131,191	1.2	90,729	1.1
Tobacco-----	24	0.2	125,842	1.2	125,842	1.6
Wool and mohair-----	258	2.6	30,882	0.3	29,270	0.4
Miscellaneous <sup>7</sup> -----	405	40.3	81,591	0.8	74,168	0.9
Total marketing-----	<sup>3</sup> 7,276	72.4	7,982,609	75.9	6,359,601	78.1
Supplies purchased for patrons:						
Farm machinery and equipment-----	1,872	18.6	106,953	1.0	68,052	0.9
Feed-----	4,406	43.8	910,642	8.6	694,347	8.5
Fertilizer-----	3,352	33.3	261,271	2.5	156,138	1.9
Petroleum products-----	2,677	26.7	585,005	5.6	377,013	4.6
Seed-----	3,636	36.2	123,308	1.2	90,451	1.1
Other supplies-----	5,937	59.1	449,537	4.3	298,607	3.7
Total purchasing-----	<sup>3</sup> 7,409	73.7	2,436,716	23.2	1,684,608	20.7
Receipts for services:						
Trucking, storage, grinding, locker plants, miscellaneous-----	3,448	34.3	75,498	0.7	75,498	0.9
Cotton ginning-----	480	4.8	21,800	0.2	21,800	0.3
Livestock trucking-----	216	2.1	2,561	(8)	2,561	(8)
Total services-----	4,144	41.2	99,859	0.9	<sup>9</sup> 99,859	1.2
Total marketing, purchasing and service---	<sup>3</sup> 10,051	100.0	10,519,184	100.0	8,144,068	100.0

<sup>1</sup>Revised.<sup>2</sup>The net business figures for 1950-51 cannot be compared with volume of business for previous years since the 1950-51 net covers all business for each commodity whether handled by a cooperative specializing in this commodity or not. In previous years, for example, the poultry figure was all the marketing business reported by a cooperative doing more than 50 percent of its business in poultry which meant it also might include sideline business. The 1950-51 figures cover the poultry business handled by poultry cooperatives, and they also include the poultry business handled by all other types of cooperatives.<sup>3</sup>The number of associations handling each commodity in 1950-51 cannot be compared with the figures shown in previous years. In this year's figures each association reporting any sales of poultry or poultry products is counted in the number of associations handling this commodity. For example, in addition to the 188 associations whose major operations were marketing poultry, 634 associations which were engaged primarily in other types of marketing or supply business were also marketing poultry. Therefore, because many associations are engaged in more than one type of business, these totals are less than the number that would be obtained by adding the number of associations handling individual items.<sup>4</sup>Number of associations handling each commodity group is computed as a percentage of the total number of 10,051 associations listed.<sup>5</sup>This figure represents approximately the value at the level at which the farmer does business with his cooperative. It does not include wholesale business of farm supply cooperatives with other cooperatives or terminal market sales for local associations.<sup>6</sup>Includes sugar beet bargaining associations.<sup>7</sup>Includes forest products, fur pelts, hay, hops, nursery stock, tung oil, sugar cane, maple syrup, honey, and other products not separately classified.<sup>8</sup>Less than .05 percent.<sup>9</sup>Charges for services in which no duplication occurs.



Appendix Table 2. - Farmers' marketing, purchasing, and service associations: <sup>1</sup> Number and estimated membership, <sup>2</sup> 1950-51<sup>3</sup>

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

Geographic division and State	Cotton and cotton products		Dairy products		Fruit and vegetable		Grain <sup>4</sup>		Livestock	
	Associations listed	Estimated membership	Associations listed	Estimated membership	Associations listed	Estimated membership	Associations listed	Estimated membership	Associations listed	Estimated membership
	Number									
UNITED STATES-----	526	398,621	1,928	814,100	872	170,309	2,198	848,620	536	953,125
New England-----	-	-	36	20,896	15	4,591	-	-	1	658
Maine-----	-	-	2	3,093	6	3,132	-	-	-	-
New Hampshire-----	-	-	4	2,062	2	39	-	-	-	-
Vermont-----	-	-	17	9,970	-	-	-	-	(2)	190
Massachusetts-----	-	-	8	2,098	5	1,289	-	-	1	468
Rhode Island-----	-	-	1	1,533	-	-	-	-	-	-
Connecticut-----	-	-	4	2,140	2	131	-	-	-	-
Middle Atlantic-----	-	-	115	74,082	45	14,114	-	-	6	27,487
New York-----	-	-	84	38,889	22	5,526	-	-	2	21,703
New Jersey-----	-	-	2	3,303	10	4,563	-	-	1	2,046
Pennsylvania-----	-	-	29	31,890	13	4,025	-	-	3	3,738
East North Central---	-	-	606	263,280	66	21,177	437	238,964	159	464,087
Ohio-----	-	-	33	34,914	17	2,197	110	47,311	9	116,534
Indiana-----	-	-	18	30,576	6	738	42	74,963	5	90,758
Illinois-----	-	-	61	65,488	7	689	243	93,383	34	143,766
Michigan-----	-	-	40	46,120	31	13,099	37	20,252	7	27,240
Wisconsin-----	-	-	454	86,182	5	4,454	5	3,055	104	85,789
West North Central---	1	6,884	957	343,978	37	6,655	1,421	482,014	295	337,428
Minnesota-----	-	-	547	136,088	14	1,781	231	94,827	172	145,864
Iowa-----	-	-	248	76,453	3	175	256	93,838	47	47,132
Missouri-----	1	6,884	18	22,880	8	1,254	42	20,507	8	52,762
North Dakota-----	-	-	37	18,475	4	385	303	80,586	59	37,907
South Dakota-----	-	-	52	21,838	1	180	156	54,194	1	10,254
Nebraska-----	-	-	37	40,773	5	2,819	206	61,160	4	31,626
Kansas-----	-	-	18	27,471	2	61	227	76,902	4	11,883
South Atlantic-----	9	84,404	47	10,995	104	18,448	2	1,099	30	16,547
Delaware-----	-	-	(2)	672	2	61	-	-	-	-
Maryland-----	-	-	3	4,951	5	709	1	1,000	-	-
District of Columbia	-	-	1	-	-	-	-	-	-	-
Virginia-----	-	-	12	3,212	10	1,744	1	99	6	4,299
West Virginia-----	-	-	1	741	-	-	-	-	12	6,372
North Carolina-----	1	2,894	10	749	5	316	-	-	2	210
South Carolina-----	1	115	-	-	4	1,649	-	-	4	2,735
Georgia-----	6	81,337	17	647	4	1,779	-	-	4	2,176
Florida-----	1	58	3	23	74	12,190	-	-	2	755
East South Central---	67	69,007	20	10,027	29	8,060	4	4,971	11	37,672
Kentucky-----	-	-	5	3,544	6	3,093	2	4,538	1	18,331
Tennessee-----	2	14,355	9	5,129	9	3,394	-	-	2	11,894
Alabama-----	7	10,342	4	131	10	821	-	-	4	6,494
Mississippi-----	58	44,310	2	1,223	4	752	2	433	4	953
West South Central---	417	228,419	26	25,061	62	8,205	174	64,344	4	28,356
Arkansas-----	35	32,831	3	1,792	10	1,318	14	1,970	1	675
Louisiana-----	3	11,272	5	1,335	17	2,847	14	800	-	-
Oklahoma-----	66	62,450	10	14,313	5	329	78	40,741	1	22,281
Texas-----	313	121,866	8	7,621	30	3,711	68	20,833	2	5,400
Mountain-----	18	4,362	44	33,435	109	38,230	100	43,074	20	23,896
Montana-----	-	-	5	2,174	8	3,104	57	13,899	1	5,126
Idaho-----	-	-	12	16,354	19	7,572	11	4,834	14	5,923
Wyoming-----	-	-	5	1,251	4	4,245	4	1,454	(2)	1,071
Colorado-----	-	-	8	9,146	31	10,926	24	19,184	3	7,496
New Mexico-----	18	4,357	-	-	2	266	2	3,695	(2)	164
Arizona-----	(2)	5	2	710	8	423	-	-	(2)	189
Utah-----	-	-	10	3,693	37	11,694	2	8	2	3,732
Nevada-----	-	-	2	107	-	-	-	-	(2)	195
Pacific-----	14	5,545	77	32,346	405	50,829	60	14,154	10	16,994
Washington-----	-	-	21	13,188	54	5,656	33	6,542	2	1,277
Oregon-----	-	-	27	11,920	28	6,478	18	5,329	3	2,536
California-----	14	5,545	29	7,238	323	38,695	9	2,283	5	13,181

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

Appendix Table 2. - Farmers' marketing, purchasing, and service associations: <sup>1</sup> Number and estimated membership, <sup>2</sup> 1950-51<sup>3</sup> - Continued

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

Geographic division and State	Nut		Poultry and poultry products		Tobacco		Wool and mohair		Miscellaneous <sup>5</sup>	
	Associations listed	Estimated membership	Associations listed	Estimated membership	Associations listed	Estimated membership <sup>6</sup>	Associations listed	Estimated membership	Associations listed	Estimated membership
	<i>Number</i>									
UNITED STATES-----	40	58,941	126	117,454	24	603,838	110	98,393	147	54,007
New England-----	-	-	12	11,541	1	805	3	686	2	819
Maine-----	-	-	-	-	-	-	1	316	1	19
New Hampshire-----	-	-	1	885	-	-	(2)	15	-	-
Vermont-----	-	-	-	-	-	-	(2)	10	1	800
Massachusetts-----	-	-	4	5,487	1	805	2	345	-	-
Rhode Island-----	-	-	2	1,263	-	-	-	-	-	-
Connecticut-----	-	-	5	3,906	-	-	-	-	-	-
Middle Atlantic-----	-	-	19	20,599	1	292	29	5,682	8	2,244
New York-----	-	-	4	952	(2)	16	1	530	7	2,197
New Jersey-----	-	-	7	7,823	(2)	16	-	-	-	-
Pennsylvania-----	-	-	8	11,824	1	260	28	5,152	1	47
East North Central-----	-	-	15	23,281	2	4,628	4	19,577	19	14,322
Ohio-----	-	-	9	21,457	-	-	1	7,326	1	28
Indiana-----	-	-	2	305	(2)	200	(2)	256	1	50
Illinois-----	-	-	1	39	-	-	1	2,590	5	4,613
Michigan-----	-	-	1	982	-	-	1	4,205	6	5,506
Wisconsin-----	-	-	2	498	2	4,428	1	5,200	6	4,125
West North Central-----	-	-	29	14,635	1	1,552	11	35,897	54	23,446
Minnesota-----	-	-	9	3,595	-	-	2	8,523	5	2,617
Iowa-----	-	-	6	2,799	-	-	3	6,100	2	523
Missouri-----	-	-	8	5,910	1	1,472	2	2,550	42	19,231
North Dakota-----	-	-	-	-	-	-	4	3,575	2	300
South Dakota-----	-	-	1	50	-	-	(2)	9,649	-	-
Nebraska-----	-	-	3	967	-	-	(2)	1,500	2	758
Kansas-----	-	-	2	1,314	(2)	80	(2)	4,000	1	17
South Atlantic-----	2	22,772	8	6,858	10	237,199	18	12,346	9	1,702
Delaware-----	-	-	1	60	-	-	-	-	-	-
Maryland-----	-	-	2	2,125	2	11,486	1	1,500	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-
Virginia-----	1	4,272	2	4,439	3	41,915	13	6,348	1	850
West Virginia-----	-	-	1	207	(2)	50	4	4,398	1	22
North Carolina-----	-	-	-	-	5	137,748	(2)	100	1	300
South Carolina-----	-	-	-	-	(2)	22,000	-	-	-	-
Georgia-----	1	18,500	-	-	(2)	22,000	-	-	2	460
Florida-----	-	-	2	27	(2)	2,000	-	-	4	70
East South Central-----	-	-	3	267	9	359,362	10	4,092	6	2,032
Kentucky-----	-	-	1	196	6	278,832	5	2,015	1	36
Tennessee-----	-	-	-	-	3	80,530	4	1,867	1	459
Alabama-----	-	-	1	(7)	-	-	-	-	4	1,537
Mississippi-----	-	-	1	71	-	-	1	210	-	-
West South Central-----	7	17,907	6	2,287	-	-	4	2,721	17	1,927
Arkansas-----	(2)	370	1	327	-	-	1	231	1	5
Louisiana-----	(2)	1,200	-	-	-	-	1	240	10	857
Oklahoma-----	5	8,034	-	-	-	-	(2)	1,500	-	-
Texas-----	2	8,303	5	1,960	-	-	2	750	6	1,065
Mountain-----	-	100	18	20,591	-	-	29	12,549	11	3,092
Montana-----	-	-	-	-	-	-	6	551	4	1,114
Idaho-----	-	-	2	2,192	-	-	10	944	1	279
Wyoming-----	-	-	1	423	-	-	4	1,643	1	1,195
Colorado-----	-	-	8	5,163	-	-	3	8,812	1	166
New Mexico-----	(2)	100	-	-	-	-	2	106	1	188
Arizona-----	-	-	-	-	-	-	1	50	2	60
Utah-----	-	-	6	12,792	-	-	2	413	1	90
Nevada-----	-	-	1	21	-	-	1	30	-	-
Pacific-----	31	18,162	16	17,395	-	-	2	4,843	21	4,423
Washington-----	1	472	2	4,013	-	-	(2)	725	6	489
Oregon-----	6	2,362	2	504	-	-	1	2,055	6	1,403
California-----	24	15,328	12	12,878	-	-	1	2,063	9	2,531

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

Appendix Table 2. - *Farmers' marketing, purchasing, and service associations:*<sup>1</sup> *Number and estimated membership,*<sup>2</sup> *1950-51*<sup>3</sup> -  
Continued

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

Geographic division and State	Total marketing		Purchasing		Service <sup>8</sup>		Total	
	Associations listed	Estimated membership	Associations listed	Estimated membership	Associations listed	Estimated membership	Associations listed	Estimated membership
	Number							
UNITED STATES-----	6,507	4,117,408	3,282	2,878,878	262	94,282	10,051	7,090,568
New England-----	70	39,996	63	66,749	22	4,848	155	111,593
Maine-----	10	6,560	<sup>9</sup> 17	15,699	1	4	28	22,263
New Hampshire-----	7	3,001	<sup>9</sup> 4	7,636	1	15	12	10,652
Vermont-----	18	10,970	9	10,228	10	3,753	37	24,951
Massachusetts-----	21	10,492	<sup>9</sup> 19	21,050	4	575	44	32,117
Rhode Island-----	3	2,796	(2)	1,866	2	146	5	4,808
Connecticut-----	11	6,177	<sup>9</sup> 14	10,270	4	355	29	16,802
Middle Atlantic-----	223	144,500	390	214,915	10	2,141	623	361,556
New York-----	120	69,813	259	94,779	4	1,675	383	166,267
New Jersey-----	20	17,751	36	21,159	2	298	58	39,208
Pennsylvania-----	83	56,936	95	98,977	4	168	182	156,081
East North Central---	1,308	1,049,316	746	824,622	79	44,614	2,133	1,918,552
Ohio-----	180	229,767	112	101,963	11	2,645	303	334,375
Indiana-----	74	197,846	80	185,317	4	644	158	383,807
Illinois-----	352	310,568	174	262,851	52	39,680	578	613,099
Michigan-----	123	117,404	104	65,953	6	249	233	183,606
Wisconsin-----	579	193,731	<sup>9</sup> 276	208,538	6	1,396	861	403,665
West North Central---	2,806	1,252,489	1,092	809,905	58	14,119	3,956	2,076,513
Minnesota-----	980	393,295	<sup>9</sup> 320	196,233	26	6,925	1,326	596,453
Iowa-----	565	227,020	138	149,153	7	1,144	710	377,317
Missouri-----	130	133,450	157	254,561	2	2,960	289	390,971
North Dakota-----	409	141,228	136	64,706	15	1,354	560	207,288
South Dakota-----	211	96,165	93	42,038	1	250	305	138,453
Nebraska-----	257	139,603	153	73,628	5	1,027	415	214,258
Kansas-----	254	121,728	95	29,586	2	459	351	151,773
South Atlantic-----	239	412,370	274	442,841	34	7,930	547	863,141
Delaware-----	3	793	10	14,195	1	924	14	15,912
Maryland-----	14	21,771	41	48,416	7	1,405	62	71,592
District of Columbia	1	-	-	-	-	-	1	(2)
Virginia-----	49	67,178	67	142,425	7	3,402	123	213,005
West Virginia-----	19	11,790	23	35,649	3	125	45	47,564
North Carolina-----	24	142,317	63	170,242	5	471	92	313,030
South Carolina-----	9	26,499	11	9,420	4	668	24	36,587
Georgia-----	34	126,899	40	21,198	5	851	79	148,948
Florida-----	86	15,123	19	1,296	2	84	107	16,503
East South Central---	159	495,490	214	228,521	14	4,976	387	728,987
Kentucky-----	27	310,585	58	72,665	-	-	85	383,450
Tennessee-----	30	117,628	72	44,778	4	917	106	163,323
Alabama-----	30	19,325	33	41,582	3	670	66	61,577
Mississippi-----	72	47,952	51	69,296	7	3,389	130	120,637
West South Central---	717	379,227	162	49,343	32	13,612	911	442,182
Arkansas-----	66	39,519	40	15,703	1	26	107	55,248
Louisiana-----	50	18,551	4	1,044	1	309	55	19,904
Oklahoma-----	165	149,648	32	11,058	4	1,777	201	162,483
Texas-----	436	171,509	86	21,538	26	11,500	548	204,547
Mountain-----	349	179,329	196	115,783	7	534	552	295,645
Montana-----	81	25,968	87	26,552	4	67	172	52,587
Idaho-----	69	38,098	40	19,976	-	-	109	58,074
Wyoming-----	19	11,282	8	2,913	-	-	27	14,195
Colorado-----	78	60,893	38	16,786	1	80	117	77,759
New Mexico-----	25	8,876	6	2,435	1	375	32	11,686
Arizona-----	13	1,437	2	43,433	-	-	15	44,870
Utah-----	60	32,422	13	3,178	1	12	74	35,612
Nevada-----	4	353	2	510	-	-	6	863
Pacific-----	636	164,691	145	126,199	6	1,508	787	292,398
Washington-----	119	32,362	74	67,799	-	-	193	100,161
Oregon-----	91	32,587	41	35,733	1	1,100	133	69,420
California-----	426	99,742	30	22,667	5	408	461	122,817

See next page for footnote references.

- <sup>1</sup>Includes independent local associations, federations, and large-scale centralized associations.
- <sup>2</sup>Estimated membership for each association is credited to the State in which the membership is located. The association with which this membership is affiliated has been counted in the State in which the association maintains its headquarters. Includes members (those entitled to vote for directors), but does not include nonvoting patrons. (There is some duplication in these membership figures because some farmers belong to more than one association.)
- <sup>3</sup>Revised data covering operations of associations whose fiscal years ended during the period July 1, 1950, through June 30, 1951, with limited exceptions.
- <sup>4</sup>Includes dry beans and rice.
- <sup>5</sup>Includes associations handling forest products, furbelts, honey, maple syrup, sugar cane, and other products not separately classified.
- <sup>6</sup>Member-patrons.
- <sup>7</sup>A federation of 8 local associations engaged in supply purchasing and miscellaneous marketing activities.
- <sup>8</sup>Includes associations furnishing special marketing or related services.
- <sup>9</sup>Includes incorporated local associations without facilities affiliated with an operating regional association.

Appendix Table 3. - Estimated business<sup>1</sup> of farmers' marketing, purchasing, and service associations<sup>2</sup> by commodity groups, geographic divisions, and States, 1950-51<sup>3</sup>

Geographic division and State	Dry beans and peas					Cotton and products					Dairy products				
	Estimated number of associations handling <sup>4</sup>			Estimated value of sales <sup>2</sup>		Estimated number of associations handling <sup>4</sup>			Estimated value of sales <sup>2</sup>		Estimated number of associations handling <sup>4</sup>			Estimated value of sales	
	Head- quarters in State	Head- quarters out of State	Total in State	Gross \$1,000	Net <sup>5</sup> \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross \$1,000	Net <sup>5</sup> \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross \$1,000	Net <sup>5</sup> \$1,000
UNITED STATES-----	80	-	-	31,945	25,030	550	-	-	349,522	320,019	2,072	-	-	2,298,201	1,933,174
New England-----	-	-	-	-	-	-	-	-	-	-	36	-	-	109,529	109,434
Maine-----	-	-	-	-	-	-	-	-	-	-	2	2	4	11,912	11,912
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	4	3	7	10,067	10,067
Vermont-----	-	-	-	-	-	-	-	-	-	-	17	6	23	53,119	53,108
Massachusetts-----	-	-	-	-	-	-	-	-	-	-	8	2	10	12,554	12,476
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	1	2	3	4,951	4,951
Connecticut-----	-	-	-	-	-	-	-	-	-	-	4	3	7	16,926	16,920
Middle Atlantic-----	34	-	-	3,488	2,552	-	-	-	-	-	115	-	-	497,378	377,632
New York-----	34	-	34	3,488	2,552	-	-	-	-	-	84	5	89	336,814	217,068
New Jersey-----	-	-	-	-	-	-	-	-	-	-	2	2	4	33,383	33,383
Pennsylvania-----	-	-	-	-	-	-	-	-	-	-	29	4	33	127,181	127,181
East North Central-----	29	-	-	5,708	2,774	-	-	-	-	-	626	-	-	692,178	608,941
Ohio-----	-	-	-	-	-	-	-	-	-	-	37	3	40	71,181	70,043
Indiana-----	-	-	-	-	-	-	-	-	-	-	21	7	28	62,005	55,730
Illinois-----	-	-	-	-	-	-	-	-	-	-	64	7	71	93,204	85,303
Michigan-----	29	-	29	5,708	2,774	-	-	-	-	-	46	5	51	120,956	107,470
Wisconsin-----	-	-	-	-	-	-	-	-	-	-	458	6	464	344,832	290,395
West North Central-----	1	-	1	24	24	1	-	-	1,785	1,785	1,056	-	-	494,598	415,976
Minnesota-----	-	-	-	-	-	-	-	-	-	-	552	2	554	249,961	191,595
Iowa-----	-	-	-	-	-	-	-	-	-	-	252	3	255	116,821	99,915
Missouri-----	-	-	-	-	-	1	2	3	1,785	1,785	81	1	82	45,703	45,703
North Dakota-----	-	-	-	-	-	-	-	-	-	-	39	3	42	13,554	10,204
South Dakota-----	-	-	-	-	-	-	-	-	-	-	54	1	55	12,203	12,203
Nebraska-----	1	-	1	24	24	-	-	-	-	-	44	1	45	22,489	22,489
Kansas-----	-	-	-	-	-	-	-	-	-	-	34	3	37	33,867	33,867
South Atlantic-----	-	-	-	-	-	14	-	-	36,005	36,005	52	-	-	94,119	94,119
Delaware-----	-	-	-	-	-	-	-	-	-	-	1	1	-	3,576	3,576
Maryland-----	-	-	-	-	-	-	-	-	-	-	3	3	6	39,666	39,666
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	1	-	1	(1)	(1)
Virginia-----	-	-	-	-	-	-	-	-	-	-	14	2	16	25,228	25,228
West Virginia-----	-	-	-	-	-	-	-	-	-	-	2	3	5	2,410	2,410
North Carolina-----	-	-	-	-	-	1	-	1	4,182	4,182	12	1	13	9,913	9,913
South Carolina-----	-	-	-	-	-	1	-	1	(Ginning)	-	-	-	-	-	-
Georgia-----	-	-	-	-	-	11	-	11	31,689	31,689	17	-	17	9,004	9,004
Florida-----	-	-	-	-	-	1	-	1	134	134	3	-	3	4,322	4,322
East South Central-----	-	-	-	-	-	73	-	-	90,094	87,948	20	-	-	39,848	38,043
Kentucky-----	-	-	-	-	-	-	-	-	-	-	5	3	8	15,682	15,600
Tennessee-----	-	-	-	-	-	3	-	3	3,026	3,026	9	1	10	18,888	17,165
Alabama-----	-	-	-	-	-	7	-	7	651	651	4	-	4	3,588	3,588
Mississippi-----	-	-	-	-	-	63	1	64	86,417	84,271	2	-	2	1,690	1,690
West South Central-----	-	-	-	-	-	430	-	-	167,962	142,254	42	-	-	59,788	59,788
Arkansas-----	-	-	-	-	-	35	3	38	18,682	16,908	3	-	3	4,569	4,569
Louisiana-----	-	-	-	-	-	3	2	5	3,638	3,638	5	-	5	6,606	6,606
Oklahoma-----	-	-	-	-	-	72	-	72	23,584	20,641	23	3	26	11,560	11,560
Texas-----	-	-	-	-	-	320	-	320	122,058	101,067	11	-	11	37,053	37,053
Mountain-----	11	-	-	7,008	4,115	18	-	-	15,456	13,807	48	-	-	83,110	60,618
Montana-----	-	1	1	420	55	-	-	-	-	-	9	1	10	2,684	2,328
Idaho-----	2	1	3	3,419	2,018	-	-	-	-	-	12	3	15	41,390	24,677
Wyoming-----	-	1	1	770	100	-	-	-	-	-	5	1	6	2,005	2,005
Colorado-----	9	-	9	2,399	1,942	-	-	-	-	-	8	2	10	20,867	15,444
New Mexico-----	-	-	-	-	-	18	2	20	15,376	13,727	-	-	-	-	-
Arizona-----	-	-	-	-	-	-	1	1	80	80	2	-	2	4,816	4,816
Utah-----	-	-	-	-	-	-	-	-	-	-	10	-	10	9,990	9,990
Nevada-----	-	-	-	-	-	-	-	-	-	-	2	1	3	1,358	1,358
Pacific-----	5	-	-	15,717	15,565	14	-	-	38,220	38,220	77	-	-	227,653	168,623
Washington-----	2	1	3	1,570	1,509	-	-	-	-	-	21	1	22	69,465	44,394
Oregon-----	-	-	-	-	-	-	-	-	-	-	27	2	29	51,085	40,150
California-----	3	1	4	14,147	14,056	14	-	14	38,220	38,220	29	1	30	107,103	84,079

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

Appendix Table 3. - Estimated business<sup>1</sup> of farmers' marketing, purchasing, and service associations<sup>2</sup> by commodity groups, geographic division, and States, 1950-51<sup>3</sup> - Continued

Geographic division and State	Fruits and vegetables						Grain, soybeans, meal, and oil				Livestock and livestock products							
	Estimated number of associations handling <sup>4</sup>			Estimated value of sales			Estimated number of associations handling <sup>4</sup>			Estimated value of sales <sup>5</sup>			Estimated number of associations handling <sup>4</sup>			Estimated value of sales		
	Head-quarters in State	Head-quarters out of State	Total in State	Gross	Net <sup>6</sup>	Head-quarters in State	Head-quarters out of State	Total in State	Gross	Net <sup>6</sup>	Head-quarters in State	Head-quarters out of State	Total in State	Gross	Net <sup>6</sup>			
																\$1,000	\$1,000	\$1,000
UNITED STATES-----	951	-	-	1,024,577	701,777	2,740	-	-	2,057,802	1,361,499	753	-	-	1,406,328	1,321,248			
New England-----	21	-	-	18,412	13,839	3	-	-	761	761	3	-	-	869	869			
Maine-----	6	-	6	4,503	4,503	3	-	3	761	761	-	-	-	-	-			
New Hampshire-----	2	-	2	375	375	-	-	-	-	-	-	-	-	-	-			
Vermont-----	2	-	2	162	162	-	-	-	-	-	1	1	2	207	207			
Massachusetts-----	5	-	5	13,002	8,429	-	-	-	-	-	1	-	1	608	608			
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Connecticut-----	6	-	6	370	370	-	-	-	-	-	1	-	1	54	54			
Middle Atlantic-----	55	-	-	37,340	36,349	115	-	-	15,639	10,193	15	-	-	34,053	34,053			
New York-----	26	2	28	9,837	9,809	69	-	69	11,050	6,888	5	-	5	20,511	20,511			
New Jersey-----	13	3	16	12,096	11,133	13	1	14	1,033	802	4	1	5	5,449	5,449			
Pennsylvania-----	16	2	18	15,407	15,407	33	1	34	3,556	2,503	6	3	9	8,093	8,093			
East North Central-----	91	-	-	41,729	39,634	657	-	-	529,681	382,813	185	-	-	581,388	541,862			
Ohio-----	20	1	21	10,704	10,704	178	-	178	118,977	80,911	14	4	18	159,933	158,172			
Indiana-----	6	-	6	282	282	108	2	110	108,205	70,286	5	6	11	105,471	105,273			
Illinois-----	10	-	10	1,330	1,330	263	1	264	268,122	209,254	38	8	46	221,845	184,318			
Michigan-----	45	-	45	22,446	21,996	79	1	80	32,197	20,182	13	2	15	33,323	33,323			
Wisconsin-----	10	2	12	6,967	5,322	29	-	29	2,180	2,180	115	3	118	60,816	60,776			
West North Central-----	47	-	-	16,584	16,584	1,525	-	-	1,135,727	740,310	441	-	-	487,581	442,107			
Minnesota-----	20	-	20	4,789	4,789	237	4	241	197,977	132,145	212	3	215	128,777	127,427			
Iowa-----	3	-	3	647	647	279	4	283	218,328	140,995	74	8	82	128,222	99,511			
Missouri-----	10	-	10	1,159	1,159	96	1	97	33,098	22,879	66	4	70	76,489	76,371			
North Dakota-----	6	-	6	354	354	307	1	308	253,720	155,320	61	5	66	42,057	42,057			
South Dakota-----	1	-	1	576	576	159	3	162	96,511	69,957	10	4	14	21,103	17,638			
Nebraska-----	5	-	5	8,856	8,856	211	3	214	143,451	101,425	10	7	17	68,031	56,201			
Kansas-----	2	-	2	203	203	236	4	240	192,642	117,589	8	9	17	22,902	22,902			
South Atlantic-----	113	-	-	146,581	88,915	47	-	-	10,167	8,515	48	-	-	15,524	15,524			
Delaware-----	3	-	3	2,452	2,452	7	1	8	1,572	1,143	-	-	-	-	-			
Maryland-----	5	-	5	904	904	15	1	16	2,361	2,218	-	-	-	-	-			
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Virginia-----	10	-	10	3,016	3,016	14	-	14	3,333	2,271	12	-	12	4,405	4,405			
West Virginia-----	1	-	1	9	9	1	1	2	13	9	13	1	14	4,472	4,472			
North Carolina-----	7	-	7	346	346	1	-	1	1,088	1,088	7	-	7	2,078	2,078			
South Carolina-----	5	-	5	857	857	4	-	4	847	847	5	-	5	1,021	1,021			
Georgia-----	8	-	8	275	243	5	-	5	953	939	7	-	7	1,304	1,304			
Florida-----	74	1	75	138,722	81,088	-	-	-	-	-	4	-	4	2,244	2,244			
East South Central-----	36	-	-	3,494	3,494	9	-	-	2,616	2,616	14	-	-	33,696	33,656			
Kentucky-----	6	-	6	1,446	1,446	3	-	3	2,292	2,292	1	7	8	20,695	20,655			
Tennessee-----	12	-	12	1,671	1,671	1	-	1	2	2	3	2	5	6,574	6,574			
Alabama-----	13	-	13	329	329	-	-	-	-	-	5	-	5	6,171	6,171			
Mississippi-----	5	-	5	48	48	5	-	5	322	322	5	-	5	256	256			
West South Central-----	68	-	-	16,030	10,927	206	-	-	118,371	66,256	12	-	-	70,721	70,721			
Arkansas-----	10	-	10	1,174	1,174	21	-	21	3,686	2,727	2	3	5	368	368			
Louisiana-----	18	-	18	4,158	3,647	-	-	-	-	-	-	-	-	-	-			
Oklahoma-----	5	-	5	273	273	87	1	88	65,786	35,315	5	5	10	29,896	29,896			
Texas-----	35	-	35	10,425	5,833	98	2	100	48,899	28,214	5	5	10	40,457	40,457			
Mountain-----	115	-	-	141,904	88,732	104	-	-	140,711	71,959	24	-	-	139,874	139,834			
Montana-----	11	-	11	5,745	5,745	59	1	60	83,897	34,697	2	6	8	21,238	21,238			
Idaho-----	19	2	21	12,971	10,971	12	2	14	26,680	13,916	15	2	17	18,390	18,390			
Wyoming-----	4	-	4	37,245	17,245	4	1	5	1,639	1,386	2	4	6	6,698	6,698			
Colorado-----	31	-	31	45,609	42,109	24	2	26	23,461	20,272	3	6	9	66,179	66,139			
New Mexico-----	3	-	3	301	301	3	-	3	1,188	1,188	-	2	2	546	546			
Arizona-----	8	1	9	27,877	4,855	-	-	-	-	-	-	1	1	5,340	5,340			
Utah-----	39	-	39	12,156	7,506	2	1	3	3,846	500	2	-	2	20,727	20,727			
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	1	1	756	756			
Pacific-----	405	-	-	602,503	403,303	74	-	-	104,129	78,076	11	-	-	42,622	42,622			
Washington-----	54	2	56	53,374	43,889	35	2	37	68,963	50,368	2	2	4	6,135	6,135			
Oregon-----	28	2	30	40,881	35,755	28	1	29	29,283	21,825	3	2	5	954	954			
California-----	323	-	323	508,248	323,659	11	-	11	5,883	5,883	6	1	7	35,533	35,533			

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

Appendix Table 3. - Estimated business<sup>1</sup> of farmers' marketing, purchasing, and service associations<sup>2</sup> by commodity groups, geographic divisions, and States, 1950-51<sup>3</sup> - Continued

Geographic division and State	Nuts						Poultry products				Rice					
	Estimated number of associations handling <sup>4</sup>			Estimated value of sales <sup>5</sup>			Estimated number of associations handling <sup>4</sup>			Estimated value of sales <sup>5</sup>		Estimated number of associations handling <sup>4</sup>			Estimated value of sales <sup>5</sup>	
	Head- quarters in State	Head- quarters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	
UNITED STATES-----	81	-	-	141,012	113,485	760	-	-	303,716	263,360	44	-	-	131,191	90,729	
New England-----	-	-	-	-	-	22	-	-	24,076	24,076	-	-	-	-	-	
Maine-----	-	-	-	-	-	3	-	3	5	5	-	-	-	-	-	
New Hampshire-----	-	-	-	-	-	2	1	3	3,043	3,043	-	-	-	-	-	
Vermont-----	-	-	-	-	-	2	-	2	374	374	-	-	-	-	-	
Massachusetts-----	-	-	-	-	-	8	-	8	10,929	10,929	-	-	-	-	-	
Rhode Island-----	-	-	-	-	-	2	-	2	1,793	1,793	-	-	-	-	-	
Connecticut-----	-	-	-	-	-	5	-	5	7,932	7,932	-	-	-	-	-	
Middle Atlantic-----	-	-	-	-	-	33	-	-	49,656	48,654	-	-	-	-	-	
New York-----	-	-	-	-	-	11	2	13	11,605	11,587	-	-	-	-	-	
New Jersey-----	-	-	-	-	-	8	1	9	21,281	21,281	-	-	-	-	-	
Pennsylvania-----	-	-	-	-	-	14	1	15	16,770	15,786	-	-	-	-	-	
East North Central-----	2	-	-	2	2	110	-	-	30,843	24,432	-	-	-	-	-	
Ohio-----	-	-	-	-	-	15	-	15	16,000	14,467	-	-	-	-	-	
Indiana-----	-	-	-	-	-	39	-	39	4,328	1,453	-	-	-	-	-	
Illinois-----	-	-	-	-	-	8	2	10	1,271	928	-	-	-	-	-	
Michigan-----	-	-	-	-	-	24	1	25	3,125	3,106	-	-	-	-	-	
Wisconsin-----	2	-	2	2	2	24	2	26	6,119	4,478	-	-	-	-	-	
West North Central-----	22	-	-	24	24	446	-	-	75,871	56,456	-	-	-	-	-	
Minnesota-----	-	-	-	-	-	151	1	152	31,812	25,680	-	-	-	-	-	
Iowa-----	-	-	-	-	-	33	-	33	6,500	6,500	-	-	-	-	-	
Missouri-----	22	-	22	24	24	115	1	116	20,412	8,313	-	-	-	-	-	
North Dakota-----	-	-	-	-	-	20	1	21	2,203	2,109	-	-	-	-	-	
South Dakota-----	-	-	-	-	-	37	-	37	4,002	4,002	-	-	-	-	-	
Nebraska-----	-	-	-	-	-	57	1	58	7,235	6,145	-	-	-	-	-	
Kansas-----	-	-	-	-	-	33	-	33	3,707	3,707	-	-	-	-	-	
South Atlantic-----	9	-	-	62,260	62,260	38	-	-	26,240	26,240	-	-	-	-	-	
Delaware-----	-	-	-	-	-	1	1	2	179	179	-	-	-	-	-	
Maryland-----	-	-	-	-	-	2	-	2	1,826	1,826	-	-	-	-	-	
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Virginia-----	1	-	1	9,095	9,095	12	1	13	17,710	17,710	-	-	-	-	-	
West Virginia-----	-	-	-	-	-	2	1	3	222	222	-	-	-	-	-	
North Carolina-----	-	-	-	-	-	10	-	10	4,954	4,954	-	-	-	-	-	
South Carolina-----	1	-	1	31	31	2	1	3	364	364	-	-	-	-	-	
Georgia-----	7	-	7	53,134	53,134	5	-	5	649	649	-	-	-	-	-	
Florida-----	-	-	-	-	-	4	-	4	336	336	-	-	-	-	-	
East South Central-----	1	-	-	12	12	23	-	-	2,191	2,103	-	-	-	-	-	
Kentucky-----	-	-	-	-	-	1	-	1	57	57	-	-	-	-	-	
Tennessee-----	-	-	-	-	-	3	-	3	13	13	-	-	-	-	-	
Alabama-----	1	-	1	12	12	12	-	12	1,949	1,861	-	-	-	-	-	
Mississippi-----	-	-	-	-	-	7	-	7	172	172	-	-	-	-	-	
West South Central-----	11	-	-	13,733	13,733	36	-	-	4,655	4,624	41	-	-	102,348	61,886	
Arkansas-----	-	1	1	298	298	3	1	4	2,610	2,579	14	-	14	16,056	16,056	
Louisiana-----	-	1	1	974	974	-	-	-	-	-	15	-	15	19,263	7,934	
Oklahoma-----	6	1	7	5,927	5,927	12	-	12	484	484	-	-	-	-	-	
Texas-----	5	-	5	6,534	6,534	21	-	21	1,561	1,561	12	1	13	67,029	37,896	
Mountain-----	-	-	-	108	108	25	-	-	22,978	18,647	-	-	-	-	-	
Montana-----	-	-	-	-	-	4	1	5	76	49	-	-	-	-	-	
Idaho-----	-	-	-	-	-	2	2	4	2,334	2,064	-	-	-	-	-	
Wyoming-----	-	-	-	-	-	2	1	3	38	25	-	-	-	-	-	
Colorado-----	-	-	-	-	-	10	1	11	2,902	1,669	-	-	-	-	-	
New Mexico-----	-	1	1	81	81	-	-	-	-	-	-	-	-	-	-	
Arizona-----	-	1	1	27	27	-	-	-	-	-	-	-	-	-	-	
Utah-----	-	-	-	-	-	6	1	7	17,518	14,800	-	-	-	-	-	
Nevada-----	-	-	-	-	-	1	1	2	110	40	-	-	-	-	-	
Pacific-----	36	-	-	64,873	37,346	27	-	-	67,206	58,128	3	-	-	28,843	28,843	
Washington-----	1	-	1	86	86	5	1	6	16,234	13,873	-	-	-	-	-	
Oregon-----	8	1	9	5,353	2,507	5	1	6	6,713	5,024	-	-	-	-	-	
California-----	27	2	29	59,434	34,753	17	1	18	44,259	39,231	3	-	3	28,843	28,843	

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

Appendix Table 3. - Estimated business<sup>1</sup> of farmers' marketing, purchasing, and service associations<sup>2</sup> by commodity groups, geographic divisions, and States, 1950-51<sup>3</sup> - Continued

Geographic division and State	Tobacco						Wool and mohair				Miscellaneous <sup>8</sup>				
	Estimated number of associations handling <sup>1</sup>			Estimated value of sales <sup>2</sup>		Estimated number of associations handling <sup>1</sup>			Estimated value of sales <sup>2</sup>		Estimated number of associations handling <sup>1</sup>			Estimated value of sales	
	Head- quar- ters in State	Head- quar- ters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head- quar- ters in State	Head- quar- ters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head- quar- ters in State	Head- quar- ters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000
UNITED STATES-----	24	-	-	125,842	125,842	258	-	-	30,882	29,270	405	-	-	81,591	74,168
New England-----	1	-	-	1,500	1,500	3	-	-	811	811	3	-	-	73	73
Maine-----	-	-	-	-	-	1	-	1	11	11	1	-	1	(7)	(7)
New Hampshire-----	-	-	-	-	-	-	1	1	25	25	1	-	1	48	48
Vermont-----	-	-	-	-	-	-	1	1	25	25	1	-	1	25	25
Massachusetts-----	1	-	1	1,500	1,500	2	-	2	750	750	-	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic-----	1	-	-	590	590	31	-	-	575	575	99	-	-	2,737	418
New York-----	-	1	1	32	32	3	-	3	211	211	77	1	78	2,337	50
New Jersey-----	-	1	1	32	32	-	-	-	-	-	13	1	14	42	25
Pennsylvania-----	1	-	1	526	526	28	1	29	364	364	9	1	10	358	343
East North Central-----	2	-	-	2,512	2,512	32	-	-	4,388	4,388	42	-	-	20,941	20,941
Ohio-----	-	-	-	-	-	4	1	5	1,731	1,731	6	-	6	468	468
Indiana-----	-	1	1	4	4	8	2	10	684	684	5	-	5	125	125
Illinois-----	-	-	-	-	-	11	1	12	357	357	11	-	11	526	526
Michigan-----	-	-	-	-	-	5	1	6	879	879	10	-	10	1,123	1,123
Wisconsin-----	2	1	3	2,508	2,508	4	-	4	737	737	10	-	10	18,699	18,699
West North Central-----	1	-	-	617	617	100	-	-	12,307	11,828	151	-	-	13,356	13,242
Minnesota-----	-	-	-	-	-	7	-	7	3,767	3,767	24	1	25	870	756
Iowa-----	-	-	-	-	-	3	-	3	527	527	14	-	14	4,350	4,350
Missouri-----	1	-	1	455	455	77	-	77	1,415	936	95	-	95	7,625	7,625
North Dakota-----	-	-	-	-	-	4	-	4	870	870	2	-	2	154	154
South Dakota-----	-	-	-	-	-	8	-	8	4,288	4,288	3	-	3	39	39
Nebraska-----	-	-	-	-	-	-	1	1	480	480	5	-	5	31	31
Kansas-----	-	1	1	162	162	1	1	2	960	960	8	-	8	287	287
South Atlantic-----	10	-	-	57,555	57,555	25	-	-	1,687	1,577	21	-	-	2,793	2,793
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	2	-	2	3,691	3,691	1	1	2	63	63	-	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	3	1	4	9,658	9,658	17	-	17	1,131	1,027	1	-	1	106	106
West Virginia-----	-	1	1	4	4	4	2	6	445	445	2	-	2	57	57
North Carolina-----	5	2	7	36,290	36,290	3	1	4	48	42	5	-	5	729	729
South Carolina-----	-	1	1	3,784	3,784	-	-	-	-	-	4	-	4	104	104
Georgia-----	-	1	1	3,784	3,784	-	-	-	-	-	4	-	4	27	27
Florida-----	-	1	1	344	344	-	-	-	-	-	5	-	5	1,770	1,770
East South Central-----	9	-	-	63,068	63,068	13	-	-	487	487	11	-	-	1,036	1,036
Kentucky-----	6	2	8	53,041	53,041	5	-	5	294	294	1	-	1	20	20
Tennessee-----	3	2	5	10,027	10,027	7	-	7	157	157	2	-	2	401	401
Alabama-----	-	-	-	-	-	-	-	-	-	-	7	-	7	613	613
Mississippi-----	-	-	-	-	-	1	-	1	36	36	1	-	1	2	2
West South Central-----	-	-	-	-	-	11	-	-	1,595	1,595	33	-	-	14,724	14,724
Arkansas-----	-	-	-	-	-	2	1	3	75	75	1	-	1	63	63
Louisiana-----	-	-	-	-	-	1	1	2	340	340	10	-	10	13,480	13,480
Oklahoma-----	-	-	-	-	-	1	1	2	311	311	6	-	6	466	466
Texas-----	-	-	-	-	-	7	1	8	869	869	16	-	16	715	715
Mountain-----	-	-	-	-	-	40	-	-	7,575	6,587	18	-	-	3,524	3,112
Montana-----	-	-	-	-	-	6	1	7	1,405	417	4	-	4	633	633
Idaho-----	-	-	-	-	-	19	1	20	958	958	5	-	5	712	712
Wyoming-----	-	-	-	-	-	6	-	6	1,978	1,978	1	-	1	770	770
Colorado-----	-	-	-	-	-	3	-	3	820	820	2	1	3	476	64
New Mexico-----	-	-	-	-	-	2	1	3	290	290	1	-	1	3	3
Arizona-----	-	-	-	-	-	1	-	1	119	119	2	-	2	324	324
Utah-----	-	-	-	-	-	2	2	4	1,757	1,757	3	-	3	606	606
Nevada-----	-	-	-	-	-	1	-	1	248	248	-	-	-	-	-
Pacific-----	-	-	-	-	-	3	-	-	1,457	1,422	27	-	-	22,407	17,829
Washington-----	-	-	-	-	-	1	1	2	383	348	8	-	8	8,476	3,898
Oregon-----	-	-	-	-	-	1	-	1	986	986	9	-	9	1,397	1,397
California-----	-	-	-	-	-	1	1	2	88	88	10	-	10	12,534	12,534

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



Appendix Table 3. - Estimated business<sup>1</sup> of farmers' marketing, purchasing, and service associations<sup>2</sup> by commodity groups, geographic divisions, and States, 1950-51<sup>3</sup> - Continued

Geographic division and State	Total farm products marketed						Farm machinery and equipment					Feed				
	Estimated number of associations handling <sup>4</sup>			Estimated value of sales <sup>5</sup>			Estimated number of associations handling <sup>4</sup>			Estimated value of sales		Estimated number of associations handling <sup>4</sup>			Estimated value of sales	
	Head- quarters in State	Head- quarters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head- quarters in State	Head- quarters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	
UNITED STATES-----	7,276	-	-	7,982,609	6,359,601	1,872	-	-	106,953	68,052	4,406	-	-	910,642	694,347	
New England-----	83	-	-	156,031	151,363	20	-	-	2,176	1,936	52	-	-	65,382	62,160	
Maine-----	15	2	17	17,192	17,192	2	2	4	978	783	14	2	16	9,414	8,967	
New Hampshire-----	8	5	13	13,558	13,558	2	2	4	475	465	2	2	4	12,726	12,566	
Vermont-----	20	8	28	53,912	53,901	4	1	5	71	71	12	1	13	7,730	7,730	
Massachusetts-----	24	2	26	39,343	34,692	9	2	11	380	345	12	-	12	19,643	17,980	
Rhode Island-----	3	2	5	6,744	6,744	-	1	1	2	2	-	2	2	1,536	1,376	
Connecticut-----	13	3	16	25,282	25,276	3	2	5	270	270	12	3	15	14,333	13,541	
Middle Atlantic-----	339	-	-	641,456	511,016	293	-	-	12,222	7,016	325	-	-	243,696	173,278	
New York-----	191	8	199	395,578	268,495	199	2	201	6,090	3,096	212	-	212	111,382	74,550	
New Jersey-----	31	6	37	73,467	72,209	25	2	27	1,982	1,394	26	2	31	50,478	38,593	
Pennsylvania-----	117	9	126	172,411	170,312	69	6	75	4,150	2,526	84	4	88	81,836	60,135	
East North Central-----	1,559	-	-	1,909,370	1,628,299	505	-	-	41,879	24,173	950	-	-	176,526	125,557	
Ohio-----	244	9	253	378,994	336,496	120	1	121	11,743	7,373	198	1	199	44,396	30,127	
Indiana-----	132	18	150	281,104	233,837	100	5	105	13,581	5,841	119	-	119	35,891	23,248	
Illinois-----	389	18	407	586,655	482,016	53	2	55	3,158	2,177	276	2	278	41,507	29,765	
Michigan-----	170	9	179	219,757	190,853	84	4	88	7,072	4,318	129	3	132	21,511	16,142	
Wisconsin-----	624	13	637	442,860	385,097	148	6	154	6,325	4,464	228	5	233	33,221	26,275	
West North Central-----	3,009	-	-	2,238,474	1,698,953	591	-	-	24,258	16,226	1,906	-	-	160,410	115,797	
Minnesota-----	1,025	11	1,036	617,953	486,159	208	5	213	7,887	4,361	560	2	562	36,571	29,322	
Iowa-----	586	15	601	475,395	352,445	76	5	81	3,083	2,685	322	5	327	37,740	30,109	
Missouri-----	204	8	212	188,165	165,250	53	3	56	2,194	1,011	205	1	206	56,397	31,918	
North Dakota-----	417	9	426	312,912	211,068	82	3	85	3,502	2,571	211	6	217	3,668	2,381	
South Dakota-----	221	8	229	138,722	108,703	49	2	51	1,752	1,445	174	5	179	4,437	3,571	
Nebraska-----	281	13	294	250,597	195,551	72	4	76	4,247	2,847	199	3	202	6,921	6,017	
Kansas-----	275	18	293	254,730	179,677	51	1	52	1,593	1,306	235	2	237	14,676	12,479	
South Atlantic-----	504	-	-	452,931	393,503	93	-	-	6,804	5,069	241	-	-	91,640	66,788	
Delaware-----	11	3	14	7,700	7,350	-	1	1	257	257	8	2	10	8,981	7,318	
Maryland-----	29	5	34	48,511	48,368	1	1	2	527	505	31	2	33	17,437	13,945	
District of Columbia-----	1	-	1	(1)	(1)	-	-	-	-	-	-	-	-	-	-	
Virginia-----	66	4	70	73,682	72,516	9	3	12	2,074	1,035	52	1	53	27,974	21,297	
West Virginia-----	21	9	30	7,632	7,628	-	1	1	10	10	21	1	22	6,086	4,423	
North Carolina-----	33	4	37	59,628	59,622	53	4	57	3,494	2,937	54	2	56	19,065	13,671	
South Carolina-----	12	2	14	7,008	7,008	16	2	18	212	198	17	1	18	917	897	
Georgia-----	43	1	44	100,819	100,773	6	2	8	186	83	41	1	42	9,711	4,053	
Florida-----	88	2	90	147,872	90,238	8	-	8	44	44	17	2	19	1,469	1,184	
East South Central-----	201	-	-	236,542	232,463	45	-	-	723	591	206	-	-	21,826	14,666	
Kentucky-----	34	12	46	93,527	93,405	1	1	2	17	-	47	1	48	10,093	7,266	
Tennessee-----	41	5	46	40,759	39,035	30	2	32	386	366	77	3	80	6,837	5,535	
Alabama-----	42	-	42	13,313	13,225	1	-	1	16	-	34	1	35	2,672	1,887	
Mississippi-----	84	1	85	88,943	86,797	13	2	15	304	225	48	2	50	2,224	1,978	
West South Central-----	755	-	-	569,927	446,508	100	-	-	2,084	1,213	421	-	-	38,520	27,408	
Arkansas-----	72	8	80	47,581	44,817	9	2	11	133	111	34	2	36	14,961	6,681	
Louisiana-----	51	4	55	48,459	36,619	-	1	1	8	-	14	1	15	430	115	
Oklahoma-----	173	11	184	138,287	104,873	27	2	29	656	482	147	3	150	6,808	5,701	
Texas-----	459	9	468	335,600	260,199	64	3	67	1,287	620	226	1	227	16,321	14,911	
Mountain-----	366	-	-	562,248	407,519	106	-	-	4,970	3,675	168	-	-	19,249	16,314	
Montana-----	88	11	99	116,098	65,162	37	4	41	1,304	907	56	5	61	1,257	884	
Idaho-----	72	12	84	106,854	73,706	37	5	42	2,289	1,561	34	1	35	3,264	2,636	
Wyoming-----	20	8	28	51,143	30,207	5	1	6	96	77	7	1	8	533	458	
Colorado-----	81	11	92	162,713	148,459	15	1	16	541	467	45	1	46	3,355	2,569	
New Mexico-----	26	6	32	17,785	16,136	6	-	6	54	54	7	-	7	594	594	
Arizona-----	13	2	15	38,583	15,561	-	1	1	1	-	4	-	4	2,224	1,164	
Utah-----	62	4	66	66,600	55,886	6	4	10	685	609	13	1	14	7,903	7,890	
Nevada-----	4	2	6	2,472	2,402	-	-	-	-	-	2	-	2	119	119	
Pacific-----	660	-	-	1,215,630	889,977	119	-	-	11,837	8,153	137	-	-	93,393	92,379	
Washington-----	127	10	137	224,686	164,500	62	4	66	5,688	2,957	52	1	53	22,197	21,914	
Oregon-----	101	7	108	136,652	108,598	27	2	29	3,728	2,949	46	1	47	14,851	14,172	
California-----	432	5	437	854,292	616,879	30	3	33	2,421	2,247	39	1	40	56,345	56,293	

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

Appendix Table 3. - Estimated business<sup>1</sup> of farmers' marketing, purchasing, and service associations<sup>2</sup> by commodity groups, geographic divisions, and States, 1950-51<sup>3</sup> - Continued

Geographic division and State	Fertilizer						Petroleum products						Seed					
	Estimated number of associations handling <sup>4</sup>			Estimated value of sales			Estimated number of associations handling <sup>4</sup>			Estimated value of sales			Estimated number of associations handling <sup>4</sup>			Estimated value of sales		
	Head- quar- ters in State	Head- quar- ters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head- quar- ters in State	Head- quar- ters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head- quar- ters in State	Head- quar- ters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000			
UNITED STATES-----	3,352	-	-	261,271	156,138	2,677	-	-	585,005	377,013	3,636	-	-	123,308	90,451			
New England-----	54	-	-	6,110	6,110	24	-	-	537	501	45	-	-	2,862	2,862			
Maine-----	18	2	20	2,965	2,965	11	2	13	211	188	14	2	16	482	482			
New Hampshire-----	2	2	4	646	646	-	2	2	5	2	2	4	506	506				
Vermont-----	10	1	11	454	454	4	-	4	228	228	9	1	10	401	401			
Massachusetts-----	13	-	13	1,081	1,081	7	1	8	74	64	10	-	10	741	741			
Rhode Island-----	-	2	2	84	84	-	1	1	2	2	-	2	2	70	70			
Connecticut-----	11	2	13	880	880	2	1	3	17	17	10	2	12	662	662			
Middle Atlantic-----	327	-	-	32,595	20,065	130	-	-	44,407	26,456	321	-	-	17,047	11,114			
New York-----	210	1	211	15,108	8,588	67	1	68	18,293	10,700	203	-	203	7,200	4,460			
New Jersey-----	31	1	32	6,266	4,563	11	1	12	6,244	3,893	30	1	31	3,123	2,265			
Pennsylvania-----	86	5	91	11,221	6,914	52	2	54	19,870	11,863	88	3	91	6,724	4,389			
East North Central-----	881	-	-	72,726	41,615	655	-	-	175,309	112,446	827	-	-	34,685	22,792			
Ohio-----	197	1	198	17,327	8,887	120	-	120	24,112	16,576	181	1	182	8,236	5,006			
Indiana-----	120	3	123	14,800	8,973	101	2	103	34,267	21,765	108	-	108	5,974	3,201			
Illinois-----	205	2	207	16,194	9,896	125	4	129	66,165	39,000	215	2	217	9,161	7,576			
Michigan-----	134	4	138	9,700	6,348	97	2	99	11,315	7,852	112	3	115	4,120	2,750			
Wisconsin-----	225	6	231	14,705	7,511	212	4	216	39,450	27,253	211	3	214	7,194	4,259			
West North Central-----	981	-	-	43,554	20,016	1,190	-	-	257,938	167,627	1,379	-	-	24,754	18,708			
Minnesota-----	336	4	340	12,115	6,122	247	4	251	62,208	40,616	448	2	450	6,357	4,202			
Iowa-----	243	5	248	12,159	5,732	157	5	162	54,438	32,829	264	5	269	6,279	5,756			
Missouri-----	194	-	194	13,481	5,659	144	1	145	21,831	13,765	184	-	184	6,900	4,417			
North Dakota-----	57	5	62	1,193	432	162	5	167	31,257	19,013	198	4	202	2,053	1,712			
South Dakota-----	24	5	29	622	144	104	3	107	23,044	17,359	119	4	123	1,140	830			
Nebraska-----	47	2	49	1,395	362	156	3	159	32,764	23,572	54	2	56	905	810			
Kansas-----	80	2	82	2,589	1,565	220	3	223	32,396	20,473	112	2	114	1,120	981			
South Atlantic-----	286	-	-	35,903	26,592	47	-	-	13,265	9,011	251	-	-	17,532	13,617			
Delaware-----	8	2	10	1,329	1,032	2	1	3	1,048	574	8	2	10	1,044	744			
Maryland-----	32	2	34	3,491	2,868	14	1	15	4,735	3,741	32	3	35	2,931	2,302			
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Virginia-----	57	2	59	8,507	5,982	13	1	14	5,368	3,181	50	-	50	4,687	3,488			
West Virginia-----	21	1	22	1,231	934	1	1	2	825	351	21	1	22	948	648			
North Carolina-----	55	3	58	5,868	4,324	9	2	11	114	17	57	1	58	4,122	4,000			
South Carolina-----	19	2	21	951	396	3	1	4	30	30	20	1	21	549	540			
Georgia-----	51	1	52	5,696	3,369	-	1	1	28	-	47	-	47	2,739	1,445			
Florida-----	43	3	46	8,830	7,687	5	-	5	1,117	1,117	16	2	18	512	450			
East South Central-----	235	-	-	38,054	22,917	82	-	-	5,535	3,534	226	-	-	13,545	9,665			
Kentucky-----	51	2	53	4,255	2,550	8	1	9	1,616	811	48	1	49	1,886	1,368			
Tennessee-----	79	3	82	7,744	4,224	54	2	56	846	523	79	3	82	3,488	2,394			
Alabama-----	36	1	37	10,153	6,384	7	1	8	1,264	950	36	1	37	3,627	2,787			
Mississippi-----	69	4	73	15,902	9,759	13	3	16	1,809	1,250	63	2	65	4,544	3,116			
West South Central-----	240	-	-	16,699	10,200	168	-	-	21,317	13,365	360	-	-	7,261	6,428			
Arkansas-----	43	2	45	7,201	3,362	11	2	13	1,874	1,753	35	2	37	1,553	918			
Louisiana-----	26	1	27	2,742	1,917	2	-	2	2	2	16	1	17	909	890			
Oklahoma-----	69	3	72	1,354	822	80	2	82	8,210	4,242	94	3	97	1,293	1,136			
Texas-----	102	1	103	5,402	4,099	75	-	75	11,231	7,368	215	1	216	3,506	3,484			
Mountain-----	80	-	-	3,689	2,016	212	-	-	34,235	22,910	99	-	-	1,697	1,466			
Montana-----	7	2	9	467	242	106	4	110	13,065	9,137	31	3	34	398	280			
Idaho-----	27	2	29	1,225	457	38	3	41	8,864	4,982	20	2	22	380	330			
Wyoming-----	3	2	5	65	26	6	1	7	1,062	571	3	1	4	48	48			
Colorado-----	20	1	21	617	483	38	2	40	7,102	5,106	23	1	24	320	290			
New Mexico-----	8	-	8	334	334	7	-	7	1,452	1,452	7	-	7	85	85			
Arizona-----	4	2	6	795	340	2	-	2	176	88	3	-	3	71	38			
Utah-----	11	3	14	186	134	15	2	17	2,514	1,574	10	1	11	393	393			
Nevada-----	-	-	-	-	-	-	-	-	-	-	2	-	2	2	2			
Pacific-----	268	-	-	11,941	6,607	169	-	-	32,462	21,163	128	-	-	3,925	3,799			
Washington-----	57	-	57	2,627	1,793	65	1	66	18,047	11,751	32	-	32	902	871			
Oregon-----	51	2	53	3,325	2,108	40	2	42	11,351	6,450	41	1	42	1,614	1,540			
California-----	160	2	162	5,989	2,706	64	2	66	3,064	2,962	55	1	56	1,409	1,388			

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

Appendix Table 3. - Estimated business<sup>1</sup> of farmers' marketing, purchasing, and service associations<sup>2</sup> by commodity groups, geographic divisions, and States, 1950-51<sup>3</sup> - Continued

Geographic division and State	Miscellaneous supplies						Total supplies				Services				
	Estimated number of associations handling <sup>1</sup>			Estimated value of sales			Estimated number of associations handling <sup>1</sup>			Estimated value of sales		Estimated number of associations handling <sup>1</sup>			Estimated receipts <sup>2</sup>
	Head-quarters in State	Head-quarters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head-quarters in State	Head-quarters out of State	Total in State	Gross \$1,000	Net <sup>6</sup> \$1,000	Head-quarters in State	Head-quarters out of State	Total in State		
														\$1,000	\$1,000
UNITED STATES-----	5,937	-	-	449,537	298,607	7,409	-	-	2,436,716	1,684,608	4,144	-	-	99,859	
New England-----	75	-	-	8,511	7,700	103	-	-	85,578	81,269	41	-	-	798	
Maine-----	19	5	24	2,867	2,399	21	5	26	16,917	15,784	3	1	4	5	
New Hampshire-----	4	5	9	1,528	1,472	8	4	12	15,886	15,657	6	1	7	156	
Vermont-----	6	3	9	746	731	26	4	30	9,630	9,615	15	-	15	164	
Massachusetts-----	32	1	33	2,379	2,167	28	2	30	24,298	22,378	7	-	7	199	
Rhode Island-----	1	3	4	78	75	1	3	4	1,772	1,609	4	1	5	155	
Connecticut-----	13	3	16	913	856	19	5	24	17,075	16,226	6	1	7	119	
Middle Atlantic-----	461	-	-	46,424	27,235	478	-	-	396,391	265,164	72	-	-	4,313	
New York-----	296	2	298	24,318	13,306	304	3	307	182,391	114,700	19	1	20	2,571	
New Jersey-----	51	2	53	7,216	5,012	51	4	55	75,309	55,720	13	1	14	802	
Pennsylvania-----	114	4	118	14,890	8,917	123	11	134	138,691	94,744	40	1	41	940	
East North Central-----	1,290	-	-	113,802	70,752	1,492	-	-	614,927	397,335	938	-	-	14,504	
Ohio-----	226	2	228	21,742	12,414	210	5	215	127,556	80,383	197	-	197	4,243	
Indiana-----	131	5	136	28,073	16,791	137	9	146	132,586	79,819	106	1	107	2,229	
Illinois-----	341	4	345	22,965	11,943	445	10	455	159,150	100,357	280	3	283	4,299	
Michigan-----	155	4	159	15,602	11,345	187	9	196	69,320	48,755	113	2	115	1,352	
Wisconsin-----	437	8	445	25,420	18,259	513	15	528	126,315	88,021	242	4	246	2,381	
West North Central-----	2,498	-	-	135,772	103,765	3,139	-	-	646,686	442,139	1,844	-	-	21,549	
Minnesota-----	768	5	773	40,838	29,410	998	9	1,007	165,976	114,033	575	4	579	7,126	
Iowa-----	484	7	491	25,568	23,437	554	12	566	139,267	100,548	400	7	407	3,463	
Missouri-----	218	2	220	23,009	13,490	249	5	254	123,812	70,260	114	-	114	1,110	
North Dakota-----	322	6	328	15,418	11,818	418	8	426	57,091	37,927	291	3	294	2,603	
South Dakota-----	193	5	198	8,786	7,502	252	9	261	39,781	30,851	124	3	127	1,369	
Nebraska-----	281	4	285	12,408	10,158	359	8	367	58,640	43,766	151	4	155	1,612	
Kansas-----	232	1	233	9,745	7,950	309	4	313	62,119	44,754	189	6	195	4,266	
South Atlantic-----	270	-	-	40,829	26,590	373	-	-	205,973	147,667	95	-	-	5,707	
Delaware-----	10	2	12	2,113	1,408	11	2	13	14,772	11,333	1	1	2	9	
Maryland-----	43	3	46	5,276	3,614	49	4	53	34,397	26,975	11	-	11	191	
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Virginia-----	71	1	72	15,640	9,346	82	5	87	64,250	44,329	18	1	19	727	
West Virginia-----	24	1	25	2,407	1,702	26	2	28	11,507	8,068	4	1	5	89	
North Carolina-----	17	3	20	5,878	4,750	70	6	76	38,541	29,699	13	-	13	527	
South Carolina-----	13	1	14	709	700	19	2	21	3,368	2,761	7	1	8	59	
Georgia-----	45	1	46	2,741	2,397	54	3	57	21,101	11,347	14	-	14	476	
Florida-----	47	3	50	6,065	2,673	62	3	65	18,037	13,155	27	-	27	3,629	
East South Central-----	216	-	-	13,697	9,661	292	-	-	93,380	61,034	159	-	-	3,192	
Kentucky-----	59	1	60	4,282	3,083	65	2	67	22,149	15,078	9	-	9	118	
Tennessee-----	70	3	73	2,301	1,472	84	6	90	21,602	12,514	31	1	32	139	
Alabama-----	34	1	35	2,407	1,962	48	2	50	20,139	13,970	18	1	19	571	
Mississippi-----	53	3	56	4,707	3,144	95	6	101	29,490	19,472	101	2	103	2,364	
West South Central-----	432	-	-	16,350	11,256	646	-	-	102,231	69,870	610	-	-	27,506	
Arkansas-----	50	2	52	3,191	2,241	69	5	74	28,913	15,066	52	2	54	2,251	
Louisiana-----	23	-	23	984	360	33	2	35	5,075	3,284	18	-	18	590	
Oklahoma-----	119	2	121	3,979	2,814	167	4	171	22,300	15,224	146	3	149	5,929	
Texas-----	240	1	241	8,196	5,841	377	4	381	45,943	36,296	394	2	396	18,736	
Mountain-----	295	-	-	19,522	13,789	392	-	-	83,362	60,170	173	-	-	6,268	
Montana-----	107	6	113	5,139	3,825	144	7	151	21,630	15,275	53	4	57	647	
Idaho-----	58	6	64	2,732	1,707	73	8	81	18,754	11,673	30	5	35	1,669	
Wyoming-----	16	1	17	678	559	17	2	19	2,482	1,739	10	2	12	150	
Colorado-----	76	2	78	5,344	4,847	92	2	94	17,279	13,762	37	4	41	684	
New Mexico-----	10	-	10	545	545	17	-	17	3,064	3,064	25	-	25	1,626	
Arizona-----	5	1	6	4,328	2,155	9	2	11	7,595	3,785	6	-	6	37	
Utah-----	23	3	26	756	151	37	5	42	12,437	10,751	12	2	14	1,455	
Nevada-----	-	-	-	-	-	3	-	3	121	121	-	-	-	-	
Pacific-----	400	-	-	54,630	27,859	494	-	-	208,188	159,960	212	-	-	16,022	
Washington-----	145	5	150	16,128	11,670	150	7	157	65,589	50,956	63	1	64	5,334	
Oregon-----	77	4	81	7,636	6,036	92	5	97	42,505	33,255	53	3	56	2,625	
California-----	178	3	181	30,866	10,153	252	4	256	100,094	75,749	96	1	97	8,063	

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

Appendix Table 3. - Estimated business<sup>1</sup> of farmers' marketing, purchasing, and service associations<sup>2</sup> by commodity groups, geographic divisions, and States, 1950-51<sup>3</sup> - Continued

Geographic division and State	Total			
	Estimated number of associations in State	Estimated number of associations doing business in State	Gross business	Net business <sup>6</sup>
			\$1,000	\$1,000
UNITED STATES-----	10,051	-	10,519,184	8,144,068
New England-----	155	-	242,407	233,430
Maine-----	28	34	34,114	32,981
New Hampshire-----	12	20	29,600	29,371
Vermont-----	37	47	63,706	63,680
Massachusetts-----	44	47	63,840	57,269
Rhode Island-----	5	10	8,671	8,508
Connecticut-----	29	36	42,476	41,621
Middle Atlantic-----	623	-	1,042,160	780,493
New York-----	383	394	580,540	385,766
New Jersey-----	58	66	149,578	128,731
Pennsylvania-----	182	200	312,042	265,996
East North Central-----	2,133	-	2,538,801	2,040,138
Ohio-----	303	316	510,793	421,122
Indiana-----	158	181	415,919	315,885
Illinois-----	578	599	750,104	586,672
Michigan-----	233	249	290,429	240,960
Wisconsin-----	861	885	571,556	475,499
West North Central-----	3,956	-	2,906,709	2,162,641
Minnesota-----	1,326	1,342	790,555	606,818
Iowa-----	710	733	618,125	456,456
Missouri-----	289	301	313,087	236,620
North Dakota-----	560	575	372,606	251,598
South Dakota-----	305	319	179,872	140,923
Nebraska-----	415	434	310,849	241,029
Kansas-----	351	373	321,615	229,197
South Atlantic-----	547	-	664,611	546,877
Delaware-----	14	18	22,560	18,692
Maryland-----	62	68	83,099	75,534
District of Columbia-----	1	-	(1)	(1)
Virginia-----	123	131	138,659	117,572
West Virginia-----	45	53	19,228	15,785
North Carolina-----	92	102	98,696	89,848
South Carolina-----	24	27	10,435	9,828
Georgia-----	79	83	122,396	112,596
Florida-----	107	110	169,538	107,022
East South Central-----	387	-	333,114	296,689
Kentucky-----	85	99	115,794	108,601
Tennessee-----	106	116	62,500	51,689
Alabama-----	66	67	34,023	27,766
Mississippi-----	130	136	120,797	108,633
West South Central-----	911	-	699,664	543,884
Arkansas-----	107	120	78,745	62,134
Louisiana-----	55	60	54,124	40,493
Oklahoma-----	201	216	166,516	126,026
Texas-----	548	559	400,279	315,231
Mountain-----	552	-	651,878	473,957
Montana-----	172	186	138,375	81,084
Idaho-----	109	125	127,277	87,048
Wyoming-----	27	36	53,775	32,096
Colorado-----	117	130	180,676	162,905
New Mexico-----	32	39	22,475	20,826
Arizona-----	15	21	46,215	19,383
Utah-----	74	81	80,492	68,092
Nevada-----	6	9	2,593	2,523
Pacific-----	787	-	1,439,840	1,065,959
Washington-----	193	205	295,609	220,790
Oregon-----	133	144	181,782	144,478
California-----	461	468	962,449	700,691

See end of table for footnote references.

- <sup>1</sup>The value of products marketed is credited to the State in which they originate and the value of farm supplies is credited to the State in which they are sold.
- <sup>2</sup>Includes independent local associations, federations, and large-scale centralized associations.
- <sup>3</sup>Revised data covering operations of associations whose fiscal years ended during the period July 1, 1950 through June 30, 1951, with limited exceptions.
- <sup>4</sup>The number of associations handling each commodity in 1950-51 cannot be compared with the figures shown in previous years. For example, in this year's figures, each association reporting any sales of poultry or poultry products is counted in the number of associations handling this commodity. Thus, in addition to the 128 associations whose major activity was marketing poultry and poultry products, 634 associations which were engaged primarily in other types of marketing or supply business were also marketing poultry and poultry products. The total number of associations handling each commodity within a state includes not only the associations handling the commodity which have headquarters in that state but all other associations handling the commodity in that state whose headquarters are located in some other states. Number of associations handling a commodity include those performing specific services on the commodity, such as cotton ginning associations, livestock trucking associations, rice drying associations, and fruit drying associations. (Income for these specific services is included with service receipts.)
- <sup>5</sup>Includes the value of commodities marketed by cooperatives under price support program in 1950-51.
- <sup>6</sup>This figure approximately represents the value at the level at which the farmer does business with his cooperative. It does not include the wholesale business of farm supply cooperatives done with other cooperatives or terminal market sales performed for local associations. The net business figures for 1950-51 cannot be compared with volume of business for previous years since the 1950-51 net covers all business for each commodity whether handled by a cooperative specializing in this commodity or not. In previous years, for example, the poultry figure was all the marketing business reported by a cooperative doing more than 50 percent of its business in poultry which meant it also might include sideline business. The 1950-51 figures cover only the poultry business handled by poultry cooperatives, and they also include the poultry business handled by all other types of cooperatives.
- <sup>7</sup>Less than \$500.
- <sup>8</sup>Includes forest products, fur pelts, honey, maple syrup, sugar cane, and other products not separately classified.
- <sup>9</sup>Charges for services in which no duplication occurs.

Appendix Table 4. - *Farmers' marketing and purchasing associations*<sup>1</sup>:  
*Number listed for specified periods,*<sup>2</sup> 1913 to 1949-50

Period	Marketing		Purchasing		Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
1913 <sup>3</sup> -----	2,988	96.4	111	3.6	3,099	100.0
1915 <sup>3</sup> -----	5,149	94.9	275	5.1	5,424	100.0
1921 <sup>4</sup> -----	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 <sup>5</sup> ---	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

<sup>1</sup>Includes independent local associations, federations, large-scale centralized associations, and sales agencies.

<sup>2</sup>Most statistics pertaining to farmers' marketing and purchasing 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.

<sup>3</sup>Compiled 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.

<sup>4</sup>Includes only associations reporting dollar business.

<sup>5</sup>Information 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 5. - *Farmers' marketing and purchasing associations: Estimated membership<sup>1</sup> for specified periods,<sup>2</sup> 1915 to 1949-50*

Period	Marketing		Purchasing		Total	
	Number	Percent	Number	Percent	Number	Percent
1915 <sup>3</sup> -----	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 <sup>4</sup> -----	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

<sup>1</sup>The 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.)

<sup>2</sup>Most statistics pertaining to farmers' marketing and purchasing 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.

<sup>3</sup>Compiled 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.

<sup>4</sup>Estimates 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 6. - *Farmers' marketing and purchasing associations: Estimated business<sup>1</sup> for specified periods,<sup>2</sup> 1913 to 1949-50*

Period	Marketing		Purchasing		Total	
	\$1,000	Percent	\$1,000	Percent	\$1,000	Percent
1913 <sup>3</sup> -----	304,385	98.1	5,928	1.9	310,313	100.0
1915 <sup>3</sup> -----	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-----	<sup>4</sup> 1,586,000	86.2	<sup>4</sup> 254,000	13.8	1,840,000	100.0
1936-37 <sup>5</sup> -----	<sup>4</sup> 1,882,600	85.7	<sup>4</sup> 313,400	14.3	2,196,000	100.0
1937-38-----	<sup>4</sup> 2,050,000	85.4	<sup>4</sup> 350,000	14.6	2,400,000	100.0
1938-39-----	<sup>4</sup> 1,765,000	84.0	<sup>4</sup> 335,000	16.0	2,100,000	100.0
1939-40-----	<sup>4</sup> 1,729,000	82.8	<sup>4</sup> 358,000	17.2	2,087,000	100.0
1940-41-----	<sup>4</sup> 1,911,000	83.8	<sup>4</sup> 369,000	16.2	2,280,000	100.0
1941-42-----	<sup>4</sup> 2,360,000	83.1	<sup>4</sup> 480,000	16.9	2,840,000	100.0
1942-43-----	<sup>4</sup> 3,180,000	84.1	<sup>4</sup> 600,000	15.9	3,780,000	100.0
1943-44-----	<sup>4</sup> 4,430,000	85.9	<sup>4</sup> 730,000	14.1	5,160,000	100.0
1944-45-----	<sup>4</sup> 4,835,000	85.7	<sup>4</sup> 810,000	14.3	5,645,000	100.0
1945-46-----	<sup>4</sup> 5,147,000	84.8	<sup>4</sup> 923,000	15.2	6,070,000	100.0
1946-47-----	<sup>4</sup> 6,005,000	84.4	<sup>4</sup> 1,111,000	15.6	7,116,000	100.0
1947-48-----	<sup>4</sup> 7,195,000	83.3	<sup>4</sup> 1,440,000	16.7	8,635,000	100.0
1948-49-----	<sup>4</sup> 7,700,000	82.6	<sup>4</sup> 1,620,000	17.4	9,320,000	100.0
1949-50-----	<sup>4</sup> 7,082,600	81.2	<sup>4</sup> 1,643,400	18.8	8,726,000	100.0

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

<sup>2</sup>Most statistics pertaining to farmers' marketing and purchasing 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.

<sup>3</sup>Compiled 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.

<sup>4</sup>Combining 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, \$300,000,000; 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.

<sup>5</sup>Estimates 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. - *Farmers' mutual fire insurance companies: Number of companies, insurance in force, and costs, 1914-52*<sup>1 2</sup>

Year	Companies <sup>3</sup>	Amount of insurance in force Dec. 31	Cost per \$100 of insurance		
			Losses	Expenses	Total
	<i>Number</i>	<i>\$1,000</i>	<i>Cents</i>		
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 <sup>4</sup> -----	1,775	28,401,000	14.8	8.3	23.1
1952 <sup>4</sup> -----	1,775	31,133,000	14.2	8.1	22.3

<sup>1</sup>Data supplied by the Bureau of Agricultural Economics for period 1914-33 and from 1942. Data for years 1934-41 supplied by Insurance Section, Cooperative Research and Service Division, FCA.

<sup>2</sup>1914-33 includes companies with more than 85 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.

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

<sup>4</sup>Preliminary. Data for some companies not available at time of publication.

Appendix Table 8. - *Farmers' Cooperatives: Types, number and membership*

Type	Year or date of data	Associations	Estimated members or participants
<b>Production:</b>			
Mutual irrigation companies <sup>1</sup> -----	1950	9,374	148,496
Dairy herd improvement associations <sup>2</sup> -----	Jan. 1, 1953	2,151	40,983
Dairy-cattle artificial breeding associations <sup>2</sup> -----	Jan. 1, 1953	1,623	571,921
Grazing associations <sup>3</sup> -----	June 30, 1951	30	1,311
Indian enterprises <sup>4</sup> -----	Dec. 31, 1950	<sup>5</sup> 219	12,520
<b>Marketing and purchasing:</b>			
Marketing <sup>6</sup> -----	1951-52	<sup>7</sup> 6,582	4,228,556
Purchasing <sup>6</sup> -----	1951-52	<sup>8</sup> 3,323	3,032,541
Miscellaneous services <sup>6 9</sup> -----	1951-52	<sup>10</sup> 261	102,032
<b>Services:</b>			
National farm loan associations <sup>11</sup> -----	June 30, 1953	1,145	315,750
Production credit associations <sup>11</sup> -----	June 30, 1953	499	479,250
Banks for cooperatives <sup>11</sup> -----	June 30, 1953	13	<sup>12</sup> 3,100,000
Rural federal credit unions <sup>13</sup> -----	June 30, 1953	108	24,103
Farmers' mutual fire insurance companies <sup>14</sup> -----	1952	1,800	3,500,000
Mutual telephone companies <sup>15</sup> -----	1937	32,879	669,344
Rural electric cooperatives <sup>16</sup> -----	June 30, 1953	908	3,753,372
Rural health cooperatives <sup>17</sup> -----	1950	51	<sup>18</sup> 18,000

<sup>1</sup>Seventeenth Census of the United States, 1950. Estimated membership from Sixteenth Census of the United States, 1940.

<sup>2</sup>Bureau of Dairy Industry, Department of Agriculture.

<sup>3</sup>Grazing Service, Department of Interior.

<sup>4</sup>Office of Indian Affairs, Department of Interior.

<sup>5</sup>There are 295 other Indian Corporate and Tribal Enterprises.

<sup>6</sup>Farmer Cooperative Service, Department of Agriculture.

<sup>7</sup>When associations marketing farm products but principally engaged in providing some other services are included, the total is 7,303.

<sup>8</sup>When associations purchasing farm supplies but principally engaged in providing some other services are included, the total is 7,418.

<sup>9</sup>Includes general trucking, storage, grinding, cotton ginning, and livestock trucking.

<sup>10</sup>When associations providing miscellaneous services but principally engaged in marketing or purchasing are included, the total is 4,127.

<sup>11</sup>Farm Credit Administration.

<sup>12</sup>Estimated members of associations borrowing from banks for cooperatives.

<sup>13</sup>Bureau of Federal Credit Unions, Department of Health, Education and Welfare.

<sup>14</sup>Farm Credit Administration estimates.

<sup>15</sup>Census of Electrical Industries, 1937, Bureau of the Census. Number of associations includes 2,067 companies with switchboards and 30,812 without switchboards. Number of participants estimated from number of telephones, assuming 1 patron per telephone.

<sup>16</sup>Rural Electrification Administration, Department of Agriculture.

<sup>17</sup>Public Health Service, Department of Health, Education and Welfare.

<sup>18</sup>Membership reports for only 27 associations were available.





