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## STATISTICS of FARMERS' MARKETING, PURCHASING and Service Cooperatives, 1950-51

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## CONTENTS

Page
 ..... 1
Recent changes in compiling statistics ..... 1
Definition of terms used- ..... 3
Number of cooperatives reporting- ..... 4
Estimates for nonreportine associatinns ..... 5
 ..... J
Volume of business ..... 9
Total volume by States and geographic areas ..... 12
Total farm products marketed for patrons ..... 13
Dry beans- ..... 13
Cotton and cotton product ..... 14
Dairy products ..... 14
Fruits and vegetables ..... 15
Grain, soybeans, soybean meal, and soybean oil ..... 15
Livestock and livestock products ..... 15
Nuts ..... 16
Poultry products ..... 17
Rice ..... 17
Tobacco ..... 17
Wool and mohair ..... 18
Miscellaneous ..... 18
Total farm supplies purchased for patrons ..... 18
Farm machinery and equipment ..... 19
「perl- ..... 19
Fertilizer ..... 20
F'etroleum products. ..... 20
Seed ..... 21
Other supplies ..... 21
Sorvices ..... 22
Appendix ..... 31

# STATISTICS OF FARMERS' MARKETING, PURCHASING, AND SERVICE COOPERATIVES, 1950-51 

By

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For almost 25 years the Cooperative Research and Service Division of the Farm Credit Administration has compiled statistics annually on farmers' cooperatives to show the extent to which farmers are marketing their products and purchasing their supplies through cooperatives. This information, supplied voluntarily each year by cooperatives, is used widely by farm organizations, various agricultural agencies, high schools and colleges, and many students and research workers.

## RECENT CHANGES IN COMPILING STATISTICS

To meet changing needs, cooperatives have greatly expanded their activities in recent years. Marketing cooperatives, for example, now generally market a wide variety of commodities and furnish many marketing services. More of them purchase supplies for their members. Likewise, many purchasing associations, in addition to broadening the field of their farm supply operations, now provide various marketing services. Therefore, in order to reflect more accurately the diversified operations farmers carry on through their cooperatives, basic statistical procedures used by the Cooperative Research and Service Division in compiling its statistics on farmers' cooperatives were completely revised for the 1950-51 survey.

The 1950-51 estimates cover the business of cooperatives whose fiscal years ended in the period July 1, 1950, through June 30, 1951, with a few exceptions. This period represents the 1950 crop year. These estimates were developed from new forms on which reporting cooperatives supplied more extensive information than in previous years. In the past, total dollar volumes were broadly grouped according to the major activity of each association. Under the new method, the marketing and purchasing business is shown for various commodities, irrespective of the type of association doing the business.

For example, in previous years, all the marketing business of an association which did more than 50 percent of its business in poultry was shown for poultry. This meant that the poultry figure was credited with any sideline enterprise of the poultry cooperative, such as marketing livestock products. However, in the method used for the 1950-51 statistics, the business volume of each cooperative is broken down to

NOTE: Acknowledgment is made to the Committee on Statistics of the Cooperative Research and Service Division for assistance in planning the method of presenting the data in this report and to Pauline T. Gartside for help in compiling the statistics.
show the actual amount of poultry, dairy, or other products handled, and this amount is credited to the proper commodity. Thus the 1950-51 statistics cover the total sales of a particular commodity or a group of related commodities, such as fruits and vegetables, whether or not the cooperative specializes in that commodity.

In addition to obtaining information on individual farm products marketed, dollar volume data were obtained for the principal types of supplies handled. This information is given for six categories of supplies for all marketing and purchasing cooperatives.

Another important change in the 1950-51 statistics is the allocation of membership according to the State in which the member is located. Similarly, business is credited to the State in which the patron is located. In the past, membership and business were credited to the States in which the associations had their headquarters. On the new forms used in obtaining the $1950-51$ figures, large-scale centralized and federated associations reported the percentage of their membership located in each of the States served by the cooperative. On the dollar volume of products marketed, they indicated the proportion of the total which originated in each State. Similarly, on farm supplies and equipment bought by patrons, these associations indicated the percentage of total purchases made by patrons in each State they serve.

Another change made in the $1950-51$ statistics is the addition of a classification for cooperatives engaged only in providing services related to marketing and purchasing. In previous tabulations, associations that stored potatoes, for example, were included in the fruit and vegetable classification. In this report, associations doing trucking, storing, locker plant, and similar service operations are included in the service group. There are two exceptions, however, to this classification. Livestock trucking associations and cotton ginning associations still remain in the respective livestock and cotton classification for tabulation of the number of associations and members, although their service receipts are classified separately from their marketing receipts.

One other change made in compiling the $1950-51$ statistics has been to exclude miscellaneous revenue from the total business figure. In previous years, receipts from rent, interest, and similar revenue derived from other than marketing or supply operations, were included in the total dollar volume for each association. In the 1950-51 statistics, however, only receipts from marketing farm products, selling farm supplies, or performing service operations related to marketing or purchasing activities, are included in the total dollar volume of each association.

To obtain data on a uniform basis from all cooperatives, four basic questionnaires were used in the 1950-51 survey, rather than a different one for the associations grouped in each major commodity category. These four questionnaires were devised to apply to local, regional, bargaining, and service associations.

Because of these important changes in reporting membership and dollar volume of business, the statistics for 1950-51 cannot be compared directly with prior years for which data are included in the appendix, pages 31 to 39 , Al though comparisons with statistics for previous years and trends cannot be shown, nevertheless, it is believed that this disadvantage is more than offset by the advantages which come from more precise measurement of cooperative activity.

The amount of data it is practical to obtain annually by mail questionnaire is necessarily limited. Therefore, other types of information, such as physical quantities of each commodity handled or amounts of supplies handled which are manufactured in cooperative plants, and similar data of a more detailed character, must be obtained through special surveys.

## DEFINITION OF TERMS USED

The definition of a bona fide cooperative, as used in this survey, is broader than that employed in some States. Associations which meet the following requirements are included: (1) Farmers 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.

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 in one of the broad commodity groups shown in table 1 according to the commodity which represents the largest percentage of its dollar volume of business. On this basis, a cooperative's classification may change as the nature of its business changes. Beginning with the 1950-51 survey, changes in the operations of reporting associations will be accurately reflected in dollar volume figures, inasmuch as actual sales of major commodities handled are now reported by each association.

The History and Statistics Section 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; (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.

## NUMBER OF COOPERATIVES REPORTING

The total number of cooperatives reporting in 1950-51, classified according to major commodity groups, is shown in table 1. Out of 9,977 associations listed as active on the mailing lists of the Cooperative Research and Service Division, 80 percent reported. By functional types, 82 percent of the purchasing associations, 79 percent of the marketing associations, and 73 percent of the service associations reported.

In arriving at a total of 9,977 associations, an association, regardless of the number of branches or subsidiaries it owns, is counted as only one cooperative. In some States, many cooperatives are organized on a community basis. In other States, many are organized on a county-wide basis with a number of these associations having from 1 to 10 branches.

Table 1. - Number and percent of returns from 9,977 associations, 1950-51

| Commodity group | Local associations |  | Large-scale associations |  | Total |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number listed | Number reporting | Number listed | Number reporting ${ }^{1}$ | Number listed | Number reporting | Percent reporting |
| Cotton and products ${ }^{2}$-. | 503 | 369 | 23 | 23 | 526 | 392 | 74 |
| Dairy products-......-- | 1,688 | 1,518 | ${ }^{3} 240$ | 204 | 1,928 | 1,722 | 89 |
| Fruits and vegetables- | 751 | 558 | ${ }^{4} 121$ | 98 | 872 | 656 | 75 |
| Grain ${ }^{5}$--------------- | 2,172 | 1,579 | 26 | 26 | 2, 198 | 1,605 | 73 |
| Livestock and products ${ }^{6}$ | 496 | 343 | ${ }^{7} 40$ | 37 | 536 | 380 | 71 |
| Nuts------.-....-...-. | 34 | 28 | 6 | 6 | 40 | 34 | 85 |
| Poultry and products-- | 109 | 85 | 17 | 15 | 126 | 100 | 79 |
| Tobacco-..-.-.----.-.-. | - | - | 24 | 24 | 24 | 24 | 100 |
| Wool and mohair-......- | 83 | 70 | 27 | 27 | 110 | 97 | 88 |
| Miscellaneous ${ }^{8}$--....-. | 144 | 102 | 3 | 3 | 147 | 105 | 71 |
| Total marketing-- | 5,980 | 4,652 | 527 | 463 | 6,507 | 5,115 | 79 |
| Purchasing----.-.----- | 3,092 | 2,527 | 116 | 116 | 3, 208 | 2,643 | 82 |
| Service------..-.-...-- | 255 | 185 | 7 | 7 | 262 | 192 | 73 |
| Total marketing, purchasing, and service- | 9,327 | 7,364 | 650 | 586 | 9,977 | 7,950 | 80 |

[^0]Included in these statistics are all associations on the mailing lists of the Cooperative Research and Service Division. This does not mean that the figures reported here include all farmer cooperatives in the United States. While every effort is made to include all known active farmers' marketing and purchasing associations in the United States, as well as those performing related services, there, no doubt, are many of which the Cooperative Research and Service Division has no knowledge and which, therefore, are not included in the annual survey. As soon as the Cooperative Research and Service Division has information on a new farmer-owned marketing, purchasing, or service enterprise, it is added to a special mailing list and an initial questionnaire is mailed to the organization. From the reply, it is determined whether or not the organization is a bona fide cooperative which should be included in the annual survey. Associations which do not reply cannot be included in the survey.

## ESTIMATES FOR NONREPORTING ASSOCIATIONS

Conservative estimates were compiled for nonreporting local associations which were understood to be active in the 1950-51 fiscal year. Tests of the data for 1950-51 and 1949-50 indicated that these nonreporting associations handled a smaller volume than reporting associations and that their total business represented about 75 percent of the average volume reported for major commodities marketed or supplies sold in most States. Therefore, the method of computing 75 percent of the average volume reported and applying it to the nonreporting associations for major commodities in each State was used in most instances. An exception to this method was made for States in which only one or two cooperatives reported handling a commodity. In those States, conservative estimates were developed for individual nonreporting associations based on volumes handled in the most recent years for which they reported.

In estimating number of members in 1950-51 for nonreporting local associations, an individual estimate was made for each association based on the most recent membership figure it reported. The assumption was arbitrarily made that membership in these nonreporting associations had remained static since the last report.

## NUMBER OF ASSOCIATIONS AND MEMBERSHIP

The number of farmers' marketing, purchasing, and service cooperatives decreased to 9,977 in 1950-51 from the 10,035 associations reported in 1949-50. This decrease is attributed, in a large measure, to consolidations which occurred principally in fruit and vegetable associations and in dairy cooperatives. Cooperatives have undertaken such consolidations to reduce overhead and operating costs.

The total number of marketing and purchasing associations and cooperatives performing related services, together with membership in each type, is shown by States and by geographic areas (table 2). Marketing associations are further classified according to major commodity groups.

Table 2. - Farmers' marketing, purchasing, and service associations: ${ }^{1}$ Number and estimated membership, ${ }^{2} 1950-51^{3}$ (For a discussion of the method used in estimating membership for nonreporting associations, see page 5.)

${ }_{2}$ Includes independent local associations, federations, and large-scale centralized associations.
Estimated membershid for each association is credited to the state in which the membershid 15 located. The assoclation with which this membershid is afilli-
ated has been counted in the State in which the association maintains its headquarters. Includes members (those entived to vote ror directors), but does not 3 include nonvoting patrons. (There is some duplication in these membership rigures because some rarmers beions to more than one assoclation.
includes ary beans and rice.

Table 2. - Cont inued

| Geographic division and State | Nut |  | Poultry and poultry products |  | Tobacco |  | Wool and mohair |  | Miscel1aneous ${ }^{5}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{\|c\|} \hline \text { Associations } \\ \text { 1isted } \end{array}$ | Estimated membership | $\begin{array}{\|c\|} \hline \text { Associations } \\ \text { listed } \end{array}$ | Estimated membership | $\begin{array}{\|c} \text { Associations } \\ \text { isted } \end{array}$ | $\begin{gathered} \text { Estimated } \\ \text { membership } \end{gathered}$ | Associations listed | $\begin{gathered} \text { Estimated } \\ \text { membership } \end{gathered}$ | $\begin{array}{\|c} \text { Associations } \\ \text { 1isted } \end{array}$ | $\begin{gathered} \text { Estimated } \\ \text { membership } \end{gathered}$ |
| UNITED STATES <br> New Eng1and | Hember |  |  |  |  |  |  |  |  |  |
|  | 40 | 58,941 | 126 | 117,454 | 24 | 603,838 | 110 | 98.393 | 147 | 54,007 |
|  | - | - | 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 | 121 | 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 |
| io---------------- | - | - | 9 | 21,457 | - | - | 1 | 7,326 | 1 | 28 |
| Indi ana----.--.....- | - | - | 2 | 305 | (2) | 200 | (2) | 256 | 1 | 50 |
| I11inois----------- | - | - | 1 | 39 | - | - | 1 | 2,590 | 5 | 4,613 |
| Michigan-------.-.-- | - | - | 1 | 982 | - | - | 1 | 4,205 | 6 | 5,506 |
| West North Central-... | - | - | 2 | 498 | 2 | 4,428 | 1 | 5,200 | 6 | 4,125 |
|  | - | - | 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 | - | - |  | 6,100 | 2 | 523 |
| Missouri-...........- | - | - | 8 | 5,910 | 1 | 1,472 | , | 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-............ | - |  |  |  |  | - |  |  | - | - |
| Maryland-............ | - | - | 2 | 2,125 | 2 | 11,486 | 1 | 1,500 | - | - |
| District of Columbia | - | - | - | , | - | . | - | 1,500 | - | - |
| Virginia............- | 1 | 4,272 | 2 | 4,439 | 3 | 41.915 | 13 | 6.348 | 1 | 850 |
| West Virginia.......- | - | - | , | 207 |  | 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 |
| East South Central-..- | - | - | 2 | 27 | (2) | - 2,000 | - | - | 4 | 70 |
|  | - | - | 3 | 267 | 9 | 359, 362 | 10 | 4,092 | 6 | 2,032 |
| Kentucky---.-------- | - | - | 1 | 196 | 6 | 278,832 | 5 | 2,015 | 1 | 36 |
| Tennessee- | - | $\bullet$ | - | - | 3 | 80,530 | 4 | 1,867 | 1 | 459 |
| Alabama-.....-.-.---- | - | - | 1 | 171 | - | - |  |  | 4 | 1,537 |
| West South Central-... | - | - |  | 71 | - | . | 1 |  | - |  |
|  | 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 |
| Ok1ahoma--..----..-- | 5 | 8.034 | . | - | - | - | (2) | 1,500 | - | - |
| Texas-..---...---...- | 2 | 8,303 | 5 | 1,960 | - | - | 2 | 750 | 6 | 1,065 |
| Mountain-.............. | (2) | 100 | 18 | 20,591 | - | - | 29 | 12,549 | 11 | 3,092 |
| Mont ana------------ | - | - | - | - | - | - | 6 | 551 | 4 | 1,114 |
| Idaho---.-..........- | - | - | 2 | 2,192 | - | - | 10 | 944 |  | 279 |
| Myoming--.-.......... | - | - | 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-................- | - | - | 1 | 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 | - | - | 121 | 725 | 6 | 489 |
| Oregon--..........-.-- | . | 2,362 | 2 | 504 | - | - | 1 | 2,055 | 6 | 1,403 |
| Californis.-....---- | 24 | 15,328 | 12 | 12,878 | - | . | 1 | 2,063 | 9 | 2,531 |

Table 2. - Continued

| Geographic division and State | Total marketing |  | Furchasing |  | Service ${ }^{8}$ |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Associations Iisted | Estimated membership | Associations iisted | Estimated membership | Associations listed | Estimated membership | Associations 1isted | Estimated membership |
|  | Fumber |  |  |  |  |  |  |  |
| UNITED STATES-------... | 6,507 | 4,117,408 | 3,208 | 2,842,878 | 262 | 94, 282 | 9,977 | 7,054,568 |
| New Eng1and- | 70 | 39,996 | 54 | 65,749 | 22 | 4,848 | 146 | 110,593 |
| Maine-------------- | 10 | 6,560 | 16 | 15,699 | 1 | 4 | 27 | 22,263 |
| New Hempshire- | 7 | 3.001 | 2 | 7,536 | 1 | 15 | 10 | 10,552 |
| Vermont-------- | 18 | 10,970 | 9 | 10,228 | 10 | 3,753 | 37 | 24,951 |
| Massachusett | 21 | 10,492 | ${ }^{9} 14$ | 20,250 | 4 | 575 | 39 | 31,317 |
| Rhode Island-. | 3 | 2,796 | (2) | 1,866 | 2 | 146 | 5 | - 4,808 |
| Connecticut-... | 11 | 6,177 | 13 |  | 4 | 355 | 28 | 16,702 |
| Middle At1antic--.------- | 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 | $56,936$ |  |  | 4 |  | 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 |
| I11inois- | 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 | ${ }^{9} 276$ | 208,538 | 6 | 1,396 | 861 | 403,665 |
| West North Central-....... | 2,806 | 1,252,489 | 1,027 | 774,905 | 58 | 14,119 | 3,891 | 2,041,513 |
| Minnesota... | 980 | 393, 295 | ${ }^{9} 255$ | 161,233 | 26 | 6,925 | 1,261 | 561,453 |
| 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 | (2) | - | - | - | - | 1 | (2) |
| Virginia-------- | 49 | 67,178 | 67 | 142,425 | 7 | 3,402 | 123 | 213,005 |
| Hest 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 | 72,865 | - | - | 85 | 383,450 |
| Tennessee-..- | 30 | 117,628 | 72 | 44,778 | 4 | 917 | 106 | 163,323 |
| Al abama------. | 30 | $19,325$ | $33$ | $41,582$ | $3$ | 670 | 66 | 61,577 |
| Mississippi- | 72 | 47,952 | 51 | 69,296 | 7 |  | 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 |
| Ok tahoma-... | 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 | 295,646 |
| Montana------. | 81 | 25,968 | 87 | 26,552 | 4 | 67 | 172 | 52,587 |
| Idaho---- | 69 | 38,098 | 40 | 19,976 | - | - | 109 | 58,074 |
| Hyoming---.- | 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 |
| Ari zona-------------- | 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 |  |  | . | 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 |

[^1]Includes incorporated local assoclations without facilities affiliated with an operating regional association.

In number of associations, Minnesota, with 1,261, continued to hold the lead as it has for many years in the past. Following, in the order named, are Wisconsin, 861; Iowa, 710; Illinois, 578; North Dakota, 560; and Texas, 548.

Estimated membership in farmers' marketing, purchasing, and service cooperatives in 1950-51 climbed to a new total of about 7,055,000, an increase of slightly more than 470,000 over 1949-50 (table 2). It should be pointed out, however, that there is duplication in these membership figures, as one farmer may be a member of two or more cooperatives. His membership, therefore, is counted more than once. Greatest gains were made by purchasing associations with an increase of more than 333,000 members and by tobacco associations with a gain of more than 101,000 members.

In number of members, Illinois with 613,099 ranked first, followed by Minnesota, 561,453 ; Wisconsin, 403, 665; Missouri, 390,971; Indiana, 383,807; and Kentucky, 383,450.

## VOLUME OF BUSINESS

Farmers' marketing, purchasing, and service cooperatives did a gross business of $\$ 10.5$ billion in 1950-51. Sales of each of the major commodities comprising this gross volume of business are shown in table 3. After adjusting the gross dollar volume for duplication arising from transactions between cooperatives, the netbusiness amounted to $\$ 8.1$ billion. Neither of these dollar amounts is comparable with figures shown in prior years. The $\$ 8.1$ billion represents approximately the value of farmers' business with their cooperatives. It does not include the wholesale business of farm supply cooperatives with other cooperatives or the terminal market sales performed for local associations, both of which are included in the gross dollar volume figure.

As indicated earlier, for the first time the 1950-51 statistics show the actual sales of each of the major commodities. In compiling table 3, the business of each cooperative in poultry products, dairy products, individual supplies, or other major commodities, is credited to the proper commodity classification. Thus, the figures reported for each commodity cover total sales of the commodity and number of cooperatives handling the commodity, whether or not they specialize in that commodity.

Farmers marketed about $\$ 6.4$ billion worth of products through their cooperatives and bought approximately $\$ 1.6$ billion worth of supplies (table 3).

Receipts from services amounted to almost $\$ 100$ million in 1950-51. General services including trucking, storage, grinding, cleaning, locker plants, and miscellaneous services accounted for three-fourths of all service receipts.

Table 3. - Estimated business of marketing and purchasing cooperatives, and associations performing related services, 1950-511

| Commodities | Associations handling |  | Gross business | Percent of total gross business | Net business after adjusting for duplication ${ }^{4}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number ${ }^{2}$ | $\left\|\begin{array}{c} \text { Percent } \\ \text { of } \\ \text { total } \\ \text { associ } \\ \text { ations } \end{array}\right\|$ |  |  |  |  |
| Products marketed for patrons: |  |  | \$1,000 |  | \$1,000 |  |
|  | 175 | 1.8 | 38,450 | 4 | 31,137 | 4 |
| Cotton and cotton p | 550 | 5.5 | 349,934 | 3.3 | 320,019 | 3.9 |
| Dairy products | 2,072 | 20.8 | 2,298,201 | 21.9 | 1,933,174 | 23.9 |
| Fruits and vegetables- | 951 | 9.5 | 1,024,577 | 9.8 | 701,777 | 8.7 |
| Grain, soybeans, and soybean meal and oil- | 2,740 | 27.5 | 2,051,297 | 19.6 | 1,355,392 | 16.7 |
| Livestock and livestock products-- | 753 | 7.5 | 1,406,328 | 13.4 | 1, 321, 248 | 16.3 |
|  | 81 | . 8 | 141,012 | 1.3 | 113,485 | 1.4 |
| Poultry pro | 760 | 7.6 | 303, 716 | 2.9 | 263, 360 | 3.2 |
| Rice | 32 | . 3 | 131,191 | 1.3 | 90,729 | 1.1 |
| Tobacc | 24 | . 2 | 125, 842 | 1.2 | 125,842 | 1.6 |
| Wool and moha | 258 | 2.6 | 30, 882 | . 3 | 29,270 | . 4 |
| Miscellaneous | 405 | 4.1 | 81,179 | . 8 | 74,168 | . 9 |
| Total marketing | 27,276 | 72,9 | 7,982,609 | 76.2 | 6,359,601 | 78.5 |
| Supplies purchased for patrons: |  |  |  |  |  |  |
| Farm machinery and equipment=..... | 2,149 | 21.5 | 104,053 | 1.0 | 63,152 | . 8 |
| Feed--.--- <br> Fertilizer | 4,707 3,521 | 47.2 35.3 | 896, 8882 | 8.6 | 683,268 | 8.4 |
| Petroleum prod | 2,848 | 28.5 | 574,005 | 5.5 | 366,013 | 4.5 |
| Seed- | 3,930 | 39.4 | 120,908 | 1.2 | 89,248 | 1.1 |
| Other supp | 5,937 | 59.5 | 439,097 | 4.2 | 288,989 | 3.6 |
| Total purchasing--..e---.-.-.-. | 27,335 | 73.5 | 2,390,716 | 22.9 | 1,644,208 | 20.3 |
| Receipts for services: <br> Trucking, storage, grinding, <br> locker plants, mi scellaneous | 3,448 | 34.6 |  | . 7 |  |  |
| Cotton ginning-...-. | - 480 | 4.8 | 21,800 | . 2 | 21,800 | 3 |
| Livestock truckin | 216 | 4.8 2.2 | 21,561 | $(6)^{.2}$ | 21,851 | $(6)^{3}$ |
| Total servic | 4,144 | 41.5 | 99,859 | . 9 | 799,859 | 1.2 |
| Total marketing, purchasing, and service | 29,977 | 100.0 | 10,473, 184 | 100.0 | 8,103,668 | 100.0 |

${ }^{1}$ 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 cormodity whether handled by a cooperative specializing in this cormodity 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.
${ }^{2}$ 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 handing this commodity. For example, in addition to the 126 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 areless than the number that would be obtained $3^{\text {by }}$ adding the number of associations handing individual items.
${ }^{3}$ Number of associations handiling each commodity group is, computed as a percentage of the total number of 9,977 associations listed.
${ }^{4}$ 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 cojperatives with 5 ther cooperatives or terminal market sales for local associations.
5 Includes associations handling forest products, fur pelts, honey, maple syrup, sugarcane and 6 ther products not separately classified.
${ }_{7}{ }^{2}$ Less than .05 percent.
${ }^{7}$ Charges for services in which no duplication occurs.

FIGURE I

## NET VALUE OF FARM PRODUCTS MARKETED FOR PATRONS BY COOPERATIVES, 1950-5I



FIGURE 2
NET VALUE OF FARM SUPPLIES PURCHASED FOR PATRONS BY COOPERATIVES, 1950-5I


It was found in this survey that more than three-fifths of all associations marketing farm products as their primary job now also give greater service to their patrons by handling one or more kinds of farm supplies. Almost two-thirds of the local associations handle some supply items. A smaller proportion of the large-scale associations, about 27 percent, handle such supplies.

In examining the marketing activities of farm supply cooperatives, it was found that they, too, have diversified their operations, although not to the same extent as the marketing associations. About 22 percent of all purchasing associations did some type of marketing in 1950-51. These marketing activities were carried on by local and regional associations in about the same proportion.

A number of associations engaged primarily in service operations also carried on sideline activities. About two-fifths of the service associations handled supplies and one-fifth marketed one or more farm products for their patrons.

These figures indicate that members are requiring their cooperatives to expand the range of their activities and experience to give them greater service. Thus, cooperatives tend more and more to provide a "one-stop" operation where members may market poultry, dairy products, or other farm commodities, and at the same time buy feed, petroleum products, fertilizer, or numerous other essential farm supplies.

## TOTAL VOLUME BY STATES AND GEOGRAPHIC AREAS

In comparing total net business in each State, California was first with \$701 million; followed by Minnesota, $\$ 607$ million; Illinois, $\$ 587$ million; Wisconsin, $\$ 475$ million; Iowa, $\$ 456$ million; and New York, $\$ 386$ million (table 4). The West North Central and East North Central regions continued to outrank all other areas in total net business.

Comparing States on the basis of net value of farm products marketed, the same State rank was maintained as for total net business with the exception of New York, which was replaced by Ohio.

An examination of the individual products marketed shows that the net value of dairy products handled cooperatively was $\$ 1.9$ billion. Grain, soybeans, soybean meal, and soybean oil; livestock and livestock products; and fruits and vegetables ranked next in that order in value of business. In number of associations handling, the rankings in their respective order were grain, soybeans, soybean meal, and soybean oil; dairy products; fruits and vegetables; and poultry products.

A similar examination of the net value of farm supplies handled cooperatively indicates that patrons bought $\$ 683$ million of feed, $\$ 366$ million of petroleum products, and $\$ 154$ million of fertilizer. They also purchased $\$ 89$ million of seed, $\$ 63$ million of farm machinery and equipment, and $\$ 289$ million of miscellaneous farm supplies. Ranked by number of associations handling, the order was feed, seed, and fertilizer.

Patrons in New York bought $\$ 115$ million of farm supplies cooperatively, or more than those of any other State. Patrons in Minnesota were next with net purchases of $\$ 114$ million, followed by those in Iowa with $\$ 101$ million, Illinois with $\$ 100$ million, Pennsylvania with $\$ 95$ million, and Wisconsin with $\$ 88$ million.

## TOTAL FARM PRODUCTS MARKETED FOR PATRONS

The 1950-51 survey obtained data on the value of 12 individual groups of farm products marketed (table 4). These include: (1) Dry beans; (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) tobacco; (11) wool and mohair; and (12) miscellaneous, which includes forest products, fur pelts, honey, maple syrup, sugarcane, and all other farm products marketed but not included in the other 11 major categories.

Gross value of all farm products marketed for patrons by 7, 276 associations amounted to $\$ 8.0$ billion. The net value after adjusting for duplication arising from transactions between cooperatives amounted to $\$ 6.4$ billion. These 7,276 associations included 6,507 which were engaged primarily inmarketing farm products for their patrons; 717 associations engaged primarily in purchasing supplies for their patrons; and 52 associations engaged primarily in performing services related to marketing or purchasing activities.

The 7,276 associations handling farm products include all marketing associations, the purchasing and service associations that reported marketing farm products, and estimates for nonreporting purchasing and service associations based on the percentage of reporting associations in these two groups which actually reported marketing farm products.

Some regional marketing associations are federations of local associations and market farm products for their member associations. 0ther regionals market farm products for both individual producers and for other cooperatives, while many are large-scale centralized associations which market farm products directly for individual producers.

The estimated gross value of total farm products marketed represents the combined total of the value of farm products marketed by local associations for producer patrons and sales by regional marketing associations both for individual patrons and for other cooperative associations (table 4). The net value represents the value of farm products marketed by local and regional associations after eliminating the duplication arising from the sale of farm products at the terminal level made by regional associations for other cooperatives.

## DRY BEANS

Dry beans were classified separately in the 1950-51 statistics. In prior years, sales of dry beans were included with grain. A total of 175
associations marketed dry beans in 1950-51 (table 4). Many of these cooperatives engage primarily in selling grain. Gross value of dry beans marketed by these associations amounted to $\$ 38.5$ million. After adjusting for duplication arising from business between cooperatives, the net volume was \$31.1 million. California outranked all other States in dollar volume of sales. Rated on number of associations marketing dry beans, the order was New York with 68 associations, followed by Michigan with 29 associations.

## COTTON AND COTTON PRODUCTS

Cotton and cotton products were handled by an estimated 550 associations including associations engaged only in ginning cotton. The gross value of cotton and cotton products marketed by cooperatives in 1950-51 was approximately $\$ 350$ million (table 4). After adjusting for duplication arising from business between cooperatives, the net value of cotton marketed was approximately $\$ 320$ million. This interassociation volume of $\$ 30$ million represented the terminal sales value of cotton and cotton products marketed by 15 regional associations for other cooperatives.

The gross value of $\$ 350$ million included $\$ 346.4$ million handled by cotton cooperatives, more than $\$ 1.5$ million by grain cooperatives, $\$ 500,000$ by purchasing cooperatives, and the balance by other types of cooperatives.

Texas with net sales of $\$ 101$ million and Mississippi with net sales of over $\$ 84.3$ million outranked all other States in the value of cotton and cotton products handled in 1950-51.

In the 1950-51 survey, separate estimates were compiled for the value of cotton marketed and service receipts from ginning operations. These estimates indicated that approximately 480 cotton ginning associations received $\$ 21.8$ million from ginning fees. Many associations reporting their ginning fees included bagging and ties. The \$21.8 million estimate, therefore, includes such supply items where they could not be separated from the ginning fees reported.

## DAIRY PRODUCTS

A total of 2,072 cooperatives marketed dairy products with a gross value of approximately $\$ 2.3$ billion in 1950-51 (table 4). Their net business after adjusting for interassociation transactions amounted to slightly over $\$ 1.9$ billion. These interassociation transactions, amounting to about $\$ 365$ million, represented the sales value of dairy products marketed by 28 regional associations for other cooperatives. Of the gross dairy business of $\$ 2.3$ billion, 1,928 cooperatives whose business was dominantly dairy products accounted for 99 percent and the remaining 1 percent was handled by 144 associations in which the dairy business was of minor importance. A total of 195 milk bargaining associations accounted for approximately $\$ 935 \mathrm{million}$ out of the gross total of $\$ 2.3$ billion.

In ret amount of dairy products sold, Wisconsin ranked first, followed by New York and Minnesota.

## FRUITS AND VEGETABLES

Gross value of fruits and vegetables marketed by 951 cooperatives in 1950-51 amounted to over $\$ 1$ billion (table 4). Net sales, after eliminating duplication arising from business between cooperatives, amounted to $\$ 702$ million. A total of 25 regional associations reported terminal sales of fruits and vegetables for other cooperatives amounting to about $\$ 323$ million. Of the gross fruit and vegetable business of $\$ 1$ billion, 872 associations whose business was dominantly fruits and vegetables accounted for 99 percent and the remaining 1 percent was handled by 79 associations in which the fruit and vegetable business was of minor importance. Of the 872 specialized fruit and vegetable associations, 57 were bargaining associations. All but 10 of these bargaining associations were engaged in sugar beet marketing. The other bargaining associations marketed such products as peaches, asparagus, peas, sweet corn, and other canning vegetables.

California and Florida were the leading States in net value of fruits and vegetables marketed by cooperatives.

A total of 151 fruit and vegetable associations reported receipts from drying and other services performed in marketing fruits and vegetables amounting to more than $\$ 10.7$ million.

GRAIN, SOYBEANS, SOYBEAN MEAL, AND SOYBEAN OIL

In 1950-51, 2,740 cooperatives marketed grain, including soybeans, soybean meal, and soybean oil, with a gross value of approximately $\$ 2.1$ billion (table 4). After adjusting for duplication arising from business done between cooperatives this amounted to a net value of $\$ 1.4$ billion. This interassociation business of about $\$ 696$ million represented the terminal sales value of grain marketed by 30 regional associations for other cooperatives.

A total of $2,166 \mathrm{grain}$ associations accounted for $\$ 1.9$ billion of the total gross sales. The other 574 associations marketing approximately $\$ 199$ million worth of grain included 381 purchasing associations with sales of $\$ 163$ million, 34 cotton associations with sales of $\$ 8.2$ million, and 12 livestock associations with sales of about $\$ 3.7 \mathrm{million}$.

In net value of grain, soybeans, soybean meal, and soybean oil marketed, the leading States were Illinois, North Dakota, Iowa, Minnesota, Kansas, and Nebraska.

## LIVESTOCK AND LIVESTOCK PRODUCTS

Livestock and livestock products marketed by 753 associations in 1950-51 had a gross value of $\$ 1.4$ billion (table 4). On a net basis, after
adjusting for interassociation business, sales amounted to more than $\$ 1.3$ billion. This inter association volume of more than $\$ 85$ million represented the terminal sales value of livestock marketed by 7 regional associations for other cooperatives. Of the gross livestock business of $\$ 1.4$ billion, 536 cooperatives whose business was dominantly livestock marketing accounted for 98 percent and the remaining 2 percent was handled by 217 associations in which livestock marketing was of minor importance. More than $\$ 95$ million of this gross livestock business represented purchases for patrons of stockers and feeders. 1

The 1950-51 survey provided separate estimates on sales of livestock and service receipts from livestock trucking. Many local livestock trucking or shipping associations are engaged primarily in service operations. Most of these are "truck-shipping associations which operate from one to several hundred miles from a terminal livestock market. This type of association is usually incorporated. It owns its own trucks or contracts with livestock truckers who own their trucks to assemble and haul livestock for its members. The returns from selling the livestock, less trucking and other expenses including yardage, feed, insurance, and commissions, are made by the commission agency - frequently a largescale cooperative - direct to the farmer." ${ }^{2}$

Many of the local livestock trucking associations included in this survey operate on the basis of specified fees per hundredweight and a small sinking fund to provide for payment of obligations which arise, such as losses resulting from injury to livestock in transit. Estimated service fees of 216 livestock truck-shipping associations included in this survey amounted to approximately $\$ 2.6$ million in the $1950-51$ season.

Illinois, Ohio, Minnesota, Indiana, and Iowa led in net value of livestock marketed.

## NUTS

The gross value of nuts (tree nuts and peanuts) marketed by 81 associations amounted to $\$ 141$ million. Net sales, after adjusting for duplication arising from business of regionals for other cooperatives, amounted to $\$ 113$ million. Because of the nature of the operations of the peanut marketing associations, which act as agents for the Commodity Credit Corporation, the volume-of-business figures reported by these associations fluctuate greatly from year to year.

Forty associations specializing in marketing nuts accounted for 98 percent of the gross sales reported. The remaining 2 percent was handled by 41 other associations, inwhich nut marketing was of minor importance.

[^2]
## POULTRY PRODUCTS

The large number of cooperatives marketing poultry products is particularly significant as an illustration of increasing diversification in the marketing operations of farmers' cooperatives. The 1950-51 survey indicated that 760 associations were marketing poultry products with a gross value of approximately $\$ 304$ million. Of these, only 126 specialized in marketing poultry and their gross sales amounted to almost $\$ 199$ million.

An estimated 634 associations engaged primarily in other marketing or supply operations marketed poultry products with a value of more than $\$ 105$ million. These other associations included 229 purchasing associations with poultry products sales of approximately $\$ 58$ million, 192 dairy associations with sales of poultry products amounting to more than $\$ 34$ million, and 54 grain associations with poultry sales amounting to almost $\$ 3$ million. Net sales after adjusting for interassociation business amounted to more than $\$ 263$ million. This interassociation business represented the terminal sales value of poultry marketed by 19 regional associations for other cooperatives.

California, Minnesota, New Jersey, Virginia, Pennsylvania, and Utah were the leading States in net value of poultry products marketed.

## RICE

A new commodity classification was set up for rice in the 1950-51 survey (table 4). In previous surveys, sales of rice were included with grain sales. Thirty-two associations, including drying associations, reported handling rice in 1950-51. Gross value of rice marketed by cooperatives amounted to a little over $\$ 131$ million. Net value of rice sales, after adjusting for duplication arising from sales of more than $\$ 40$ million made for other cooperatives, amounted to about $\$ 91$ million. Fifteen of these associations were located in Louisiana, 12 in Texas, 3 in California, and 2 in Arkansas.

In addition to obtaining information on the value of rice marketed by cooperatives, an estimate was made of their receipts from rice drying operations. Rice associations had service receipts of approximately $\$ 2.7$ million for rice drying.

TOBACCO

Sales of tobacco for growers in $1950-51$ by 24 associations amounted to almost $\$ 126$ million (table 4). No association reported sales of tobacco for other cooperatives. Kentucky was the leading tobacco State with 8 associations marketing tobacco with a value of $\$ 53 \mathrm{million}$. North Carolina was second in importance with 7 associations marketing tobacco worth more than $\$ 36$ million.

## WOOL AND MOHAIR

Gross sales of wool and mohair by 258 associations amounted to about $\$ 31$ million (table 4). Adjusted for duplication arising from sales made by 6 regionals for other cooperatives, net sales of these associations amounted to a little over $\$ 29$ million. Sales by 110 wool associations amounted to $\$ 27.9$ million. Sales by 148 associations of other types totalled $\$ 3$ million. Largest wool sales by cooperatives engaged in other operations were those of 69 purchasing associations amounting to $\$ \mathbf{1 . 4}$ million and by 4 poultry associations totalling almost $\$ 500,000$.

South Dakota, Minnesota, Wyoming, Utah, and Ohio led in net sales of wool and mohair.

## MISCELLANEOUS

Gross sales of miscellaneous farm products by 405 associations in 1950-51 amounted to a little more than $\$ 81$ million (table 4). After deducting sales made by 4 regionals for other cooperatives amounting to about $\$ 7$ million, net sales totalled $\$ 74$ million. These miscellaneous farm products include forest products, fur pelts, honey, maplesyrup, sugarcane, and all other products not separately classified.

## TOTAL FARM SUPPLIES PURCHASED FOR PATRONS

The 1950-51 survey, for the first time, obtained information on the value of major individual supplies handled by farmers' marketing, purchasing, and service associations. The major items on which data were obtained include: (1) Farm machinery and equipment; (2) feed; (3) fertilizer; (4) petroleum products; (5) seed; and (6) other supplies.

A total of 7,335 cooperatives handled supplies. These associations handled a gross business for patrons amounting to approximately $\$ 2.4$ billion. The net value after adjusting for duplication arising from transactions between cooperatives amounted to $\$ 1.6$ billion. Out of the gross volume of about $\$ 2.4$ billion, 3,208 purchasing associations accounted for more than $\$ 1.9$ billion and 4,017 marketing and 110 service associations handled the remaining $\$ 485$ million.

The estimate of 7,335 associations handing total supplies includes 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 groups which actually reported handling supplies (table 4).

Several large-scale purchasing associations are federations of regional cooperatives, manufacturing or purchasing supplies for their member regionals. Many are federations of local associations purchasing or manufacturing supplies or doing both for their member locals. There are other regional purchasing associations which purchase supplies for both individual producersand for other cooperatives, as well as some
centralized associations which serve only individual producers. The estimated gross value of total supplies includes the value of supplies purchased by local and regional associations for their patrons (table 4). The net value represents the amount remaining after eliminating $\$ 746$ million worth of supplies purchased at manufacturing or wholesale levels by 137 regional associations for other cooperatives.

Many regional associations perform both a manufacturing and wholesale business. Some regionals perform a wholesale and retail business and a number distribute supplies through independent dealer agents, farmer order takers, and direct to large farmers. In some cases, the sales level is neither strictly wholesale nor retail. Therefore, because of the complexity of the operations of many regionals, data were not tabulated separately in this report on manufacturing, wholesale, and retail business.

## FARM MACHIMERY AND EQUIPMENT

A total of 2,149 associations handled farm machinery and equipment for patrons in 1950-51 with a gross value of more than $\$ 104$ million. of this amount, 1,582 purchasing associations accounted for $\$ 82$ million. A total of 567 marketing associations handled farm machinery and equipment valued at more than $\$ 22$ million. Grain associations were particularly important in the marketing group, with 252 associations supplying their patrons with farm machinery and equipment valued at more than $\$ 10.6$ million. Next in importance were 98 dairy associations, which accounted for $\$ 3.2$ million in dairy equipment. Fifteen poultry associations also handled a substantial volume of poultry equipment amounting to $\$ 1.9$ million.

Net value of farm machinery and equipment after adjusting for duplication arising from transactions between cooperatives amounted to approximately $\$ 63$ million. This interassociation volume of almost $\$ 41 \mathrm{million}$ represented the value at manufacturing or wholesale level of farm machinery and equipment purchased by 34 regional associations for other cooperatives.

Indiana led all States in net purchases of farm machinery and equipment with a volume of $\$ 5.7 \mathrm{million}$. Wisconsin and Minnesota came next, followed by Michigan, Washington, and New York.

FEED

Feed was the most important individual supply item both in dollar volume and in number of associations handling the commodity. A total of 4,707 associations handled a gross volume of feed amounting to $\$ 897$ million, which, after adjusting for duplication arising from interassociation business, resulted in a net volume of $\$ 683$ million. This interassociation business of $\$ 214$ million represented the value of feed at manufacturing or wholesale level purchased by 57 regional associations for other cooperatives.

A total of 2,029 purchasing associations handled feed with a gross value of $\$ 686$ million. Another 2,678 marketing and service associations handled feed valued at $\$ 211$ million. Grain associations were of major importance in distributing feed, with 1,351 associations accounting for a gross amount of $\$ 89$ million. Poultry associations were next in importance, with the gross business of 26 associations amounting to $\$ 37$ million. Dairy associations ranked third in the marketing group, with 423 associations supplying their patrons with feed valued at $\$ 30 \mathrm{million}$.

In net purchases of feed, New York led with a volume of $\$ 74.5$ million, followed by Pennsylvania, California, New Jersey, Minnesota, and Missouri.

## FERTILIZER

Fertilizer was the third most important supply item both in dollar volume and number of associations handling it. A total of 3,521 associations handled fertilizer in $1950-51$ with a gross value of $\$ 256$ million. After adjusting for duplication arising from transactions between cooperatives, net value was $\$ 154$ million. This interassociation volume of about $\$ 102$ million represented the value at manufacturing or wholesale level of fertilizer purchased by 59 regional associations for other cooperatives.

An estimated 2,025 purchasing associations distributed fertilizer to their patrons with a gross value of $\$ 204$ million. Another 1,496 marketing and service associations accounted for the balance of $\$ 52$ million. Of the marketing associations, $60 f$ grain associations had the largest volume, with gross business amounting to $\$ 18$ million. Cotton associations came next, with 77 associations accounting for $\$ 11$ million, followed by 241 fruit and vegetable associations with a volume of $\$ 6.8$ million.

Illinois, Mississippi, Indiana, New York, Florida, and Wisconsin led in net purchases of fertilizer.

## PETROLEUM PRODUCTS

Petroleum products represented the second most important supply item handled by farmers' cooperatives in 1950-51 measured by dollar volume, although it ranked fourth in number of associations handing this commodity. A total of 2,848 associations handled a gross volume of petroleum products amounting to $\$ 574$ million. After adjusting for duplication arising from transactions between cooperatives, the net volume was $\$ 366$ million. This interassociation volume of about $\$ 208$ million represented the value at manufacturing or wholesale level of petroleum products purchased by 48 regional associations for other cooperatives.

A total of 2,114 purchasing associations accounted for $\$ 526$ million of the gross volume. Another 734 marketing and service associations handled petroleum products for patrons amounting to $\$ 48$ million. Most important
in the marketing group were 391 grain associations with a business of $\$ 28$ million. They were followed by 64 dairy associations with a volume of $\$ 3.4$ million and by 7 poultry associations with a volume of $\$ 2.2$ million.

Minnesota, Illinois, and Iowa were the leading States in net purchases of petroleum products. They were followed by Wisconsin, Nebraska, and Indiana.

SEED

Seed ranked four th among supplies in dollar volume and was third in the number of cooperatives handling it in 1950-51. A total of 3,930 associations handled a gross volume of $\$ 121 \mathrm{million}$. adjusting for duplication arising from interassociation business amounted to $\$ 89$ million. This interassociation volume of almost $\$ 32$ million represented purchases by 48 regional associations for other cooperatives.

A total of 1,891 purchasing associations handled a gross volume of seed amounting to $\$ 86$ million. A larger number, 2,039 marketing and service associations, supplied their patrons with seed valued at $\$ 35$ million. More than half of this volume, $\$ 18$ million, was handled by 994 grain associations. A total of 166 cotton associations accounted for another $\$ 5$ million, and 236 dairy associations for $\$ 2.4$ million.

States leading in net purchases of seed were Illinois, Iowa, New York, Missouri, Pennsylvania, and Wisconsin.

## OTHER SUPPLIES

Miscellaneous supplies, including building materials, insecticides, containers, automotive supplies, hardware, and plant equipment, were handled by 5,937 associations doing a gross business in 1950-51 amounting to more than $\$ 439$ million. The net value of miscellaneous supplies handled for patrons in 1950-51, after adjusting for duplication arising from transactions between cooperatives, amounted to $\$ 289$ million. This interassociation volume of over $\$ 150 \mathrm{million}$ represented the value at manufacturing or wholesale level of purchases by 87 regional associations for other cooperatives.

A total of 2,567 purchasing associations had a gross business of $\$ 322$ million. Another 3,370 marketing and service associations did a gross business in miscellaneous supplies amounting to $\$ 117 \mathrm{million}$. amount, $1,135 \mathrm{grain}$ associations accounted for $\$ 48 \mathrm{million}, 314$ fruit and vegetable associations for $\$ 22$ million, 812 dairy associations for $\$ 15.7$ million, and 133 cotton associations for $\$ 7.3 \mathrm{million}$.

Minnesota, Iowa, and Wisconsin led in net purchases of miscellaneous supplies. They were followed by Indiana, Missouri, and New York.

## SERVICES

Receipts for all types of services performed by $4,144 \mathrm{marketing}$, purchasing, and service cooperatives amounted to $\$ 100$ million. A total of 262 associations engaged primarily in service operations, such as trucking associations, locker plants, and warehousing associations, reported receipts for services amounting to about $\$ 6 \mathrm{million}$.

Service receipts reported by 3,186 associations of other types engaged primarily in marketing or purchasing activities amounted to $\$ 69$ million. These receipts included fees for miscellaneous services, such as trucking, grinding, picking, drying, and storing.

Receipts for cotton ginning received by 480 cotton associations amounted to almost $\$ 22$ million. In addition about $\$ 3$ million was received by 216 livestock trucking associations transporting livestock to terminal markets. These were included among the livestock marketing cooperatives.

Table 4. - Estimated business ${ }^{1}$ of farmers' marketing, purchasing, and service associations ${ }^{2}$ by commodity groups, geographic divisions, and States, 1950-513
(For a discussion of methods used in estimating dollar volume and number of associations hending each commodity group, see pages 5, 13, and 18.)

| Geographic division and State | Dry beans |  |  |  |  | Cotton and products |  |  |  |  | Dairy products |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Estimated number of associations handling |  |  | Estimated valueof sales 5 |  | Estimated number of associations handling ${ }^{4}$ |  |  | $\begin{aligned} & \text { Estimated value } \\ & \text { of sales? } \end{aligned}$ |  | Estimated number of associations handling ${ }^{4}$ |  |  | Estimated value of sales |  |
|  | $\begin{gathered} \text { Head- } \\ \text { quar- } \\ \text { ters } \\ \text { in } \\ \text { State } \end{gathered}$ | Headquar ters out of State | $\left\lvert\, \begin{aligned} & \text { Total } \\ & \text { in } \\ & \text { State } \end{aligned}\right.$ | Gross | $\mathrm{Ne} \mathrm{t}^{6}$ | Head-quarters in State | Head-quarters out of State | $\left\{\begin{array}{l} \text { Total } \\ \text { in } \\ \text { State } \end{array}\right.$ | Gross | Net ${ }^{6}$ | $\begin{aligned} & \text { Head- } \\ & \text { quar- } \\ & \text { ters } \\ & \text { in } \\ & \text { State } \end{aligned}$ | Head-quarters out of State | $\left\lvert\, \begin{aligned} & \text { Total } \\ & \text { in } \\ & \text { State } \end{aligned}\right.$ | Gross$\$ 1,000$ | Net ${ }^{6}$ |
|  |  |  |  | \$1,000 | \$1,000 |  |  |  | \$1,000 | \$1,000 |  |  |  |  | \$1,000 |
| UNITED STATES- <br> New England | 175 | - | - | 38.450 | 31,137 | 550 | - | - | 349, 522 | 320,019 | 2,072 | - | - | 2.298,201 | 1,933,174 |
|  | 2 | - | - | (7) | (7) | - | - | - | - | - | 36 | - | - | 109,529 | 109,434 |
| Maine-...--------....-. | 2 | - | 2 | (7) | (7) | - | - | - | - | - | 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-*------ | 92 | - | - | 3,488 | 2,552 | - | * | - | - | - | 115 | - | - | 497,378 | 377,632 |
| New York--.----------. | 68 | - | 68 | 3.181 | 2,339 | - | - | - | - | - | 84 | 5 | 89 | 336,814 | 217,068 |
| New Jersey----------- | 11 | 1 | 12 | 151 | 104 | - | - | - | - | - | 2 | 2 | 4 | 33,383 | 33,383 |
| Pennsylvania------.-- | 13 | 1 | 14 | 156 | 109 | - | - | - | - | - | 29 | 4 | 33 | 127,181 | 127,181 |
| East North Central-..... | 50 | - | - | 10,199 | 7. 265 | - | - | * | - | - | 626 | - | - | 692,178 | 608,941 |
| Ohio---.---------.-.-- | 8 | - | 8 | 1,200 | 1, 200 | - | - | - | - | - | 37 | 3 | 40 | 71,181 | 70,043 |
| Indiana------.----.... | 3 | * | 3 | 732 | 732 | - | - | - | - | - | 21 | 7 | 28 | 62,005 | 55,730 |
| Illinois------------- | 8 | - | 8 | 2,546 | 2,546 | - | - | - | - | - | 64 | 7 | 71 | 93, 204 | 85,303 |
| Michigan-.--------.-.- | 29 | - | 29 | 5,708 | 2,774 | - | - | - | - | - | 46 | 5 | 51 | 120,956 | 107,470 |
| Wi sconsin-----..------ | 2 | - | 2 | 13 | 13 | - | - | - | - | - | 458 | 6 | 464 | 344,832 | 290,395 |
| West North Central----. | 16 | - | - | 2,542 | 2,542 | 1 | - | - | 1,785 | 1,785 | 1,056 | - | - | 494,598 | 415,976 |
| Minnesota | 4 | - | 4 | 754 | 754 | - | - | - | - | - | 552 | 2 | 554 | 249,961 | 191,595 |
| Iowa---.-...-...-.-.-.-. | 9 | - | 9 | 1,580 | 1,580 | - | - | - | - | - | 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------.--- | 2 | - | 2 | 184 | 184 | - | - | - | - | - | 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 | (Gi) |  | - | - | - |  |  |
| 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------ | 1 | - | - | 996 | 598 | 430 | - | - | 167,962 | 142,254 | 42 | - | - | 59,788 | 59,788 |
| Arkansas.-.-.-.-.......- | 1 | - | 1 | 996 | 598 | 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 | - | - | - | - | $\bullet$ | 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----..-...-....... | 3 | - | - | 14,217 | 14,065 | 14 | - | - | 38,220 | 38,220 | 77 | - | - | 227,653 | 168,623 |
| Washington------.-.-. | - | 1 | 1 | 70 | 9 | - | - | - | - | - | 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 |

${ }_{2}$ The value of products marketed is credited to the State in which they originate and the value or ram supplies is credited to the State in phich they are sold.
Includes independent local associations, federations, and large-scale centralized assoclations.
The number of assoc iations handiling each comnodity in ended during the period July 1, 1950 through June 30, 1951, with limited exceptions,
The number of asscc iations handling each cormodity in 1950-51 cannot be compared with the figures shown in previous years, For example. in this year's rigures, each clations whose major activity was marketing poultry and poultry products, 634 associations which were engaged primarliy in other types or marketing or supply business were also marketing pouitry and poultry products. The total nurber of associations handing each compodity wicnin a State includes not oniy the associations handling the commodity which have headquarters in that State but all other associations handilng the conmodity in that State mose headquarters are located in some other ing associations, rice dryins assoclations, and tyinclude those perfoming specific services on the commodity, such as cotton ginning associations, livestock truck Includes the value of conmodities marketed by cooperatives under price support program in 1950-51.
${ }^{6}$ 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 toso-5i cannot be com-
pared with volume or business for previous years since the $1950-51$ net covers all business for each commodicy whecher handled by a cooperative specializing in this cormodity or not. In previous years, for example, the poultry figure was all the marketing business reported by a cooperative doing more than 50 dercent or 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 $\gamma_{\text {Less }}^{\text {also }}$ incluade the $\$ 500$.

Table 4. - Cont inued

| Gegrraphic division and State | Fruits and vegetables |  |  |  |  | Crain, soybeans, meal, and oil |  |  |  |  | Livestock end iivestock products |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Estimated number of associations hendling |  |  | Estimated value of sales |  | Estimated number <br> of associations hend' $i$ ing |  |  | Estimated value of sales |  | Estimeted number oi as sociationshandling |  |  | Estimated value of sales |  |
|  |  |  |  | Gross | Net ${ }^{6}$ | Headquas in Stete | $\begin{aligned} & \text { Eead- } \\ & \text { quor- } \\ & \text { ters } \\ & \text { out of } \\ & \text { State } \end{aligned}$ |  | Gross <br> 31,000 | $\begin{aligned} & \text { Net }^{2} \\ & \$ \$ 1,000 \end{aligned}$ |  |  |  |  | $\frac{\mathrm{Net}^{6}}{\$ 1,0: 0}$ |
|  |  |  |  | \$1,000 | \$1.000 |  |  |  |  |  |  |  |  |  |  |
| (NITED STAIES <br> Now Erag Iand | 951 | - | - | 1.024,577 | 701,77\% | 2.710 | - | - | 2.051,297 | 1,355,392 | 753 | - | - | 1,406,328 | 1.321. 243 |
|  | 21 | - | - | 18,412 | 13.839 | 3 | - | - | 761 | :61 | 3 | - | - | 869 | \&69 |
| Maine-- | 6 | - | 6 | 4,503 | 4.503 | 3 | - | 3 | 761 | 761 | - | - | . | - | - |
| New Hempshise | 2 | - | 2 | 375 | 375 | - | - | - | - | - | - | - | - |  | - |
| Vermont - | 2 | - | 2 | 152 | 152 | - | - | - | - | - | 1 | 1 | 2 | 237 | 207 |
| Nassachusetts-----...- | 5 | - | 5 | 13, ¢. ${ }^{\text {a }}$ | 8,429 | - | - | - | - | - | 1 | - | 1 | 638 | 608 |
| Rhode Is land. | - | - | - |  | - | - | - | - | - | - | - | - | - |  |  |
| Connecticut | 6 | - | 6 | 370 | 370 | - | - | - | - | - | 1 | - | 1 | 54 | 54 |
| K:ddle At1antic--....... | 55 | - | - | 35. 340 | 3E, 349 | 115 | - | - | 15,639 | 10,193 | 25 | - | - | 34.053 | 34,053 |
| New York | 261516 | 232 | $\begin{aligned} & 28 \\ & 16 \\ & 18 \end{aligned}$ | $\begin{array}{r} 9.837 \\ 12,095 \\ 15.407 \end{array}$ | $\begin{array}{r} 9,805 \\ 11,133 \\ 15,307 \end{array}$ | 69 | 1 | $\begin{aligned} & 69 \\ & 14 \\ & 34 \end{aligned}$ | $\begin{array}{r} 11,050 \\ 3,033 \\ 3,556 \end{array}$ | 6.688 | 5 | - | 559 | $\begin{array}{r} 20,511 \\ 5,449 \\ 8,093 \end{array}$ | 20,8115,4498,093 |
| New/ Jersey |  |  |  |  |  | 1333 |  |  |  | 802 | 46 | 1 |  |  |  |
| Pennsylvanie |  |  |  |  |  |  |  |  |  | 2.503 |  |  |  |  |  |
| East Nrath, Central-..... | 91 | - | - | 41,729 | 39,634 | 657 | - | - | 525.190 | 378,322 | 185 | - | - | 581.398 | 541.862 |
| Ohic.- | $\begin{array}{r} 20 \\ 6 \\ 10 \\ 45 \\ 10 \end{array}$ | 2 | $\begin{array}{r} 21 \\ 6 \\ 10 \\ 45 \\ 12 \end{array}$ | $\begin{array}{r} 10,704 \\ 282 \\ 1,330 \\ 22.496 \\ 6,967 \end{array}$ | $10,70 \%$2821,33021,9965,322 | $\begin{array}{r} 178 \\ 108 \\ 253 \\ 79 \\ 29 \end{array}$ |  | $\begin{array}{r} 178 \\ 110 \\ 264 \\ 80 \\ 29 \end{array}$ | $\begin{array}{r} 117,777 \\ 107,473 \\ 265,576 \\ 32,197 \\ 2,167 \end{array}$ | $\begin{array}{r} 79,712 \\ 69,554 \\ 206,708 \\ 20,182 \\ 2,167 \end{array}$ | $\begin{array}{r} 14 \\ 5 \\ 38 \\ 13 \\ 115 \end{array}$ | 46823 | $\begin{array}{r} 18 \\ 11 \\ 46 \\ 15 \\ 118 \end{array}$ | $\begin{array}{r} 159,933 \\ 105,4: 1 \\ 221,345 \\ 33,323 \\ 60,816 \end{array}$ | $\begin{array}{r} 158,172 \\ 105,273 \\ 184,318 \\ 33,223 \\ 60,776 \end{array}$ |
| Indigne.-...............- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| I11ino is |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Michigan- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Wizconsin--...........- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| West North Central------ | 47 |  | - | 16,584 | 16,584 | 1,525 | - | - | 1, 133,209 | 737.792 | 441 | - | - | 487,581 | 442, 107 |
| Minnesota.............. | 203 | 20 |  | $\begin{array}{r} 4.789 \\ 647 \end{array}$ | $\begin{array}{r} 4.789 \\ 647 \end{array}$ | $\begin{aligned} & 237 \\ & 279 \end{aligned}$ | 4 | $\begin{aligned} & 241 \\ & 283 \end{aligned}$ | $\begin{array}{r} 197,223 \\ 215,748 \end{array}$ | 131.391 | 212 | 3 | 215 | 128.777 | 127,42799.511 |
| Iowa-...................- |  | - | 3 |  |  |  |  |  |  | 139,415 | 7466 | 8 | 8270 | 128,2.22 |  |
| Uissouri------------- | 10 | - | 10 | 2.159 | 1,159 | 96 | 1 | 97 | 33,098 | 22, 279 |  |  |  | 76,489 | $76,371$ |
| North Dakota........... | 61 | - | 61 | 354 | 354 | 307 |  | 308 | 253,720 | 155,320 | 61 | 5 | 66 | 42.057 | 42,057 |
| South Dekote |  |  |  | 578 <br> 8,205 <br> 203 | $\begin{array}{r} 376 \\ 8.85 \\ 203 \end{array}$ | $\begin{gathered} 159 \\ 211 \end{gathered}$ | 33 | $\begin{aligned} & 162 \\ & 161 \end{aligned}$ | $\begin{array}{r} 96,327 \\ 143,451 \end{array}$ | $\begin{array}{r} 69.773 \\ 101,425 \end{array}$ | 10 | 4 | 1 - | 21, 103 | 17,638 |
| Nebraske- | 5 | - | 52 |  |  |  |  |  |  |  | 10 | 7 | 17 | 6¢, 031 | 56,201 |
| Kanzes-.. | 2 | - |  |  |  | 235 | 4 | 240 | 192,642 | 117,589 | 8 | 9 | 17 | 22,902 | 22,902 |
| Smuth Atlantic-----..... | 113 | - | - | 146,581 | 88,915 | 47 | - | - | 10.167 | ¢,515 | 48 | - | - | 15,524 | 15,524 |
| De1amare-.............. | 3 | - | 3 | 2. 452 | 2,452 | 7 | 1 | 8 | 1,572 | 1,143 | - | - | - | - | - |
| Maryland---..-.....---- | 5 | - | 5 | 908 | 904 | 15 | 1 | $i 6$ | 2,361 | 2.218 | - | - | - | - | - |
| District of Columbia-- | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Virginia--............. | 10 | - | 10 | 3,016 | 3,0\%6 | 14. | - | 14 | 3,333 | 2.271 | 12 | - | 12 | 4,405 | 4.405 |
| West Virginia......... |  | - |  | 9 | 9 | 1 | 1 | 2 | 13 | 9 | 13 | 1 | 14 | 4,472 | 4,472 |
| North Cerolina | 7 | - | 7 | 345 | 346 | , | - | 1 | 1,088 | 1.088 | 7 | - | 7 | 2,078 | 2.078 |
| South Carolin | 5 | - | 5 | 857 | 857 | 4. | - | 4 | 847 | 847 | 5 | - | 5 | 1.021 | 1.021 |
| Georgiam.............-. | 8 | - | 8 | 275 | 243 | 5 | - | 5 | 953 | 939 |  | - | 7 | 1,304 | 1,304 |
| Floride- | 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 |
| Zentucky------------- | 6 | - | 6 | 1.446 | 1.446 |  |  | 3 | 2, 292 | 2,292 | 1 | 7 | 8 | 20.695 | 20.655 |
| Tennessee..............- | 12 | - | 12 | 1,671 | 1,671 | 1 | - | , | 2 | 2 | 3 | 2 | 5 | 6,574 | 6,574 |
| A1 abama--...-..........- | 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 | - | - | 117,375 | 65,658 | 12 | - | - | 70.721 | 70,721 |
| Arkensas-............-. | 10 | - | 10 | 1,174 | 1,174 | 21 | - | 21 | 2,690 | 2,129 | 2 | 3 | 5 | 368 | 368 |
| Louisiana-.............. | 18 | - | 18 | 4,158 | 3,647 | - | - | - | - | - | - | - | - | - | - |
| Ori ahema-.............. | 5 | - | 5 | 273 | 273 | 87 | 1 | 88 | 65,786 | 35,315 | 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 |
| myoming-................ | 4 | - | 4 | 37,245 | 17,245 | 4. | 1 | 5 | 1,639 | 1,386 | 2 | 4 |  | 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 | 546 | 546 |
| Arizona-.-.-.-.......--- | 8 | 1 | 9 | 27,877 | 4,855 | - | - | - |  | - | - | 1 | 1 | 5,340 | 5,3\%0 |
| Uะヵh-................... | 39 | - | 39 | 12,156 | 7.506 | 2 | 1 | 3 | 3,846 | 500 | 2 | . | 2 | 20,727 | 20,727 |
| Neveda-.-.--------...-- | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 756 | 756 |
| Pacific-................. | 405 | - | - | 602,503 | 403,303 | 74 | - | - | 105.629 | 79,576 | 11 | - | - | 42,622 | 42.622 |
| Washington-...-.......- | 54 | 2 | 56 | 53,374 | 43,889 | 35 | 2 | 37 | 70,463 | 51,868 | 2 | 2 | 4 | 6. 135 | 6,135 |
| Oregon--.------------ | 28 | 2 | 30 | 40,881 | 35,755 | 28 | 1 | 29 | 29.283 | 21.825 | 3 | 2 |  | 954 | 954 |
| Celifornia-............ | 323 | - | 323 | 508,248 | 323,659 | 11 | - | 11 | 5.883 | 5,883 |  |  | 7 | 35,533 | 35,533 |

Table 4. - Cont inued

| Geographic division and State | Nuts |  |  |  |  | Poultry products |  |  |  |  | Rice |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Estimated number } \\ & \text { of associations } \\ & \text { handling } \end{aligned}$ |  |  | Estimated valueof sales |  | Estimated number of associations handling |  |  | Estimated value of sales |  | Estimated number of associatjons hending |  |  | Estimated velue of sales |  |
|  | $\begin{array}{\|l\|} \hline \text { Head- } \\ \text { quar- } \end{array}$ | Headquar | Total | Gross | Net ${ }^{6}$ | Head. quar: ters State | Head quar ters State | $\begin{gathered} \text { Total } \\ \text { in } \\ \text { State } \end{gathered}$ | Gross | Net ${ }^{6}$ | Head-quarterz in State | Head-quarters out of State | $\begin{aligned} & \text { Total } \\ & \text { in } \\ & \text { State } \end{aligned}$ | Gross$. \$ 1,000$ | $\frac{N e t^{\delta}}{\$ 1,000}$ |
|  | in ${ }_{\text {intete }}$ | Out of | Stat | \$1,000 | \$1,000 |  |  |  | \$1,000 | \$1,000 |  |  |  |  |  |
| UNITED STATES --...-.....- | 81 | - | - | 141,012 | 113,485 | 760 | - | - | 303,716 | 263,360 | 32 | - | - | 131, 191 | 90,724 |
| New Eng land----------. | - | - | - | - | - | 22 | - | - | 24,07\% | 24,076 | - | - | - | - | - |
| Naine----------.----- | - | - | - | - | - | 3 | - | 3 | 5 | 5 | - | - | - | - | - |
| New Hampshire-........- | - | - | - | - | - | 2 | 1 | 3 | 3,043 | 3,043 | - | - | - | - | - |
| Vermont--------------- | - | - | - | - | - | 2 | - | 2 | 374 | 374 | - | - | - | - | - |
| Massachuselts--.-.-.--- | - | - | - | - | - | 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 | - | - | - | $\bullet$ | - |
| New York-------------- | - | - | - | - | - | 11 | 2 | 13 | 31,605 | 11,587 | - | - | - | - | - |
| New Jersey-----....... | - | - | - | - | - | 8 | 1 | 9 | 21,281 | 21,281 | - | - | - | - | - |
| Pennsylvania---------- | - | - | - | - | - | 14 | 1 | 15 | 16, 170 | 15,786 | - | - | - | - | - |
| East North Central-...... | 2 | - | - | 2 | 2 | 110 | - | - | 30, 843 | 24,432 | - | - | - | - | - |
| Ohio--..-...-.......--- | - | - | - | - | - | 15 | - | 15 | 16,000 | 14,467 | - | - | - | - | $\bullet$ |
| Indiana--------------- | - | - | - | - | - | 39 | - | 39 | 4,328 | 1,453 | - | - | - | - | - |
| I11inois------.......- | - | - | - | - | - | 8 | 2 | 10 | 1,271 | 928 | - | - | - | - | - |
| Michigan--.-----...... | - | - | - | - | - | 24 | 1 | 25 | 3,125 | 3,106 | - | - | - | - | - |
|  | 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 Atlent ic---------- | 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 Colurbia-- | - | - | - | - | - | - | - | - | - | - | - | $\bullet$ | - | - | - |
| Virginis-...---...-...- | 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 | - | - | - | - | - |
| Florids--..-.-.......-- | - | - | - | - | - | 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 | - | - | - |  | - |
| A1abama---..--------- | 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 | 29 | - | - | 102,348 | 61,886 |
| Arkansas---------...-- | - | 1 | 1 | 298 | 298 | 3 | 1 | 4 | 2,610 | 2.579 | 2 | - | 2 | 16,056 | 16,056 |
| Louisiana--...........- | - | 1 | 1 | 974 | 974 | - | - | - | , | - | 15 | - | 15 | 19,263 | 7,934 |
| Oklahema--...------.-- | 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 | - | - | - | - 518 | - | - | - | - | - | - |
| 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 | 15,234 | 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 |

Table 4. - Cont inued

| Geographic division and State | Tobacco |  |  |  |  | Wool and toohair |  |  |  |  | Hiscelianeous ${ }^{8}$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Estimsted rumber <br> of as soci ations <br> handlling |  |  | $\begin{aligned} & \text { Estimated yolue } \\ & \text { of gales? } \end{aligned}$ |  | Estimated number <br> of associntions hand ling |  |  | $\begin{aligned} & \text { Estimuted value } \\ & \text { of sale }{ }^{5} \text { an } \end{aligned}$ |  | Estimated number of associstion handling |  |  | Estimated value of sales |  |
|  |  | Head- <br> quar <br> ters <br> out of <br> State$\|$ | Total State$\qquad$ | Groes | Net ${ }^{6}$ |  |  |  | Gross <br> $\$ 1,000$ | $\frac{\mathrm{Net}^{6}}{\$ 1,000}$ | Head-quar-tersinStête | $\begin{aligned} & \text { Head- } \\ & \text { quar } \\ & \text { ters } \\ & \text { out of } \\ & \text { St ate } \end{aligned}$ |  | Gros:$\$ 1,000$ | $\begin{gathered} \mathrm{Net}^{6} \\ \hline \$ 1,000 \end{gathered}$ |
|  |  |  |  | \$1,000 | \$1.000 |  |  |  |  |  |  |  |  |  |  |
| UNITED STATES | 24 | - | - | 125,842 | 125.842 | 258 | - | - | 30,882 | 29, 270 | 405 | - | - | 81.591 | 74, 168 |
| New Enz1 and---------...- | - | - | - | 1,500 | 1,500 | 3 | - | - | 811 | 811 | 3 | - | - | 73 | 73 |
| Maine- | - | - | - | - | - | 1 | - | 1 | 11 | 11 | 1 | - | 1 | (7) | 171 |
| New Hempshire- | - | - | - | - | - | - | 1 | 1 | 25 | 25 | 1 | - | 1 | 48 | 48 |
| Vermont------- | - | - | - | - | - | - | 1 | 1 | 25 | 25 | 1 | - | 1 | 25 | 25 |
| Hessechusett | 1 | - | 1 | 1,500 | 1,500 | 2 | . | 2 | 750 | 750 | - | - | - | - | - |
| Rhode Is 1 and - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Connecticut--- | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hiddle At1antic--...-... | 1 | - | - | 590 | 590 | 31 | - | - | 575 | 575 | 99 | - | - | 2,737 | 418 |
| New York-- | - | 1 | 1 | 3.2 | 32 | 3 | - | 3 | 211 | 211 | 77 | 1 | 78 | 2,337 | 50 |
| New Jersey | - | 1 | 1 | 32 | 32 | - | - | - | - | - | 13 | 1 | 14 | 42 | 25 |
| Pernsylvania- | 1 | - | 1 | 526 | 526 | 28 | 1 | 29 | 364 | 364 | 9 | 1 | 10 | 358 | 343 |
| Eest 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 | 8 | 2 | 10 | 684 | 684 | 5 | - | 5 | 125 | 125 |
| Illinois | - | - | - |  |  | 11 | 1 | 12 | 357 | 357 | 11 | - | 11 | 526 | 526 |
| uichigan-. | - | - | - |  |  | 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 |
| Mirnesota- | - | - | - | - | $\bullet$ | 7 | - | 7 | 3, 767 | 3.767 | 24 | 1 | 25 | 870 | 756 |
| Iowa-- | - | - | - | - | - | 3 | - | 3 | 527 | 527 | 14 | - | 14 | 4.350 | 4.350 |
| Mis souri-.... | 1 | - | 1 | 455 | 455 | 77 | - | 77 | 1.415 | 936 | 95 | - | 95 | 7.625 | 7.625 |
| North Dakote- |  | - | - | - | - | 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 | 262 | 1 | 1 | 2 | 960 | 960 | 8 | - | 8 | 287 | 287 |
| South At1antic---.-.-.-- | 10 | - | - | 57.555 | 57.555 | 25 | - | - | 1,687 | 1.577 | 21 | - | - | 2,793 | 2,793 |
| Delaware- | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Naryland-.. | 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 |
| Al abama-.. | - | - | - | - | - | - | - | - | - | - | 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 |
| Arkansag-------------- | - | - | - | - | - | 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----------.-- |  |  |  |  | - |  |  |  |  | 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 | 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 |

[^3]Table 4. - Cont inued

| Geographic division and State | Total farm products marketed |  |  |  |  | Farm machinery and equipment |  |  |  |  | Feed |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Estimated number } \\ & \text { of associations } \\ & \text { handling } \end{aligned}$ |  |  | Estimated value of sales |  | Estimated number of associations handing ${ }^{4}$ |  |  | Estimated value of sales |  | Estimated number <br> of associations handling |  |  | Estimated value of sales |  |
|  | $\begin{array}{\|c\|} \hline \text { Head } \\ \text { Yuar- } \\ \text { ters } \\ \text { in } \\ \text { State } \end{array}$ | Head-quar- <br> ters State |  | Gross <br> $\$ 1,000$ | Net ${ }^{6}$ <br> $\$ 1,000$ |  | Head- <br> quar- <br> ters <br> out of <br> State | $\left\{\begin{array}{\|l} \text { Total } \\ \text { in } \\ \text { intete } \end{array}\right.$ | Gross | Net ${ }^{6}$ |  | Head-quarters out of |  | Gross <br> $\$ 1,000$ | $\mathrm{Net}^{6}$ <br> $\$ 1,000$ |
|  |  |  |  |  |  |  |  |  | \$1,000 | \$1,000 |  |  |  |  |  |
| UNITED STATES- | 7,276 | - | - | 7,982,609 | 6,359,601 | 2,149 | - | - | 104,053 | 63,152 | 4,707 | - | - | 896,882 | 683,268 |
| 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 1sland---.------ | . 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 | 295 | - | - | 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 |
| Nem Jersey--.-.--.....- | 31 | 6 | 37 | 73,467 | 72,209 | 25 | 2 | 27 | 1,982 | 1,394 | 29 | 2 | 31 | 50,478 | 38,593 |
| Pennsylvania--......... | 117 | 9 | 126 | 172.411 | 170,312 | 71 | 7 | 78 | 4,150 | 2,526 | 84 | 4 | 88 | 81,836 | 60,135 |
| East North Central-....-- | 1,559 | - | - | 1,909,370 | 1,628, 299 | 558 | - | - | 38,765 | 19,059 | 991 | - | - | 159.526 | 108,557 |
| Ohio------------------ | 244 | 9 | 253 | 378,994 | 336,496 | 124 | 1 | 125 | 8,743 | 2,373 | 200 | 1 | 201 | 27,396 | 13,127 |
| 1ndiana-...............- | 132 | 18 | 150 | 281,104 | 233, 837 | 100 | 5 | 105 | 13,467 | 5,727 | 119 | - | 119 | 35,891 | 23,248 |
| I11inois.-.............- | 389 | 18 | 407 | 586,655 | 482,016 | 61 | 2 | 63 | 3.158 | 2.177 | 296 | 2 | 298 | 41,507, | 29,765 |
| Michigan------........- | 170 | 9 | 179 | 219.757 | 190, 853 | 99 | 4 | 103 | 7.072 | 4.318 | 137 | 3 | 140 | 21,511 | 16,142 |
| Wisconsin---..----...-- | 624 | 13 | 637 | 442,860 | 385,097 | 174 | 6 | 180 | 6,325 | 4,464 | 239 | 5 | 244 | 33, 221 | 26,275 |
| West North Central-...-- | 3,009 | - | - | 2,238,474 | 1,698,953 | 768 | - | - | 24,258 | 16,226 | 2,108 | - | - | 163,110 | 118,797 |
| Minnesota----.-.......- | 1,025 | 11 | 1.036 | 617.953 | 486,159 | 217 | 5 | 222 | 7.887 | 4,361 | 602 | 2 | 604 | 39.571 | 32,322 |
| Iowa-...- | 586 | 15 | 601 | 475,395 | 352,445 | 95 | 5 | 100 | 3.083 | 2,685 | 339 | 5 | 344 | 37,740 | 30,109 |
| Missouri.....-.......... | 204 | 8 | 212 | 188,165 | 165,250 | 104 | 3 | 107 | 2,194 | 1,011 | 216 | 1 | 217 | 56,397 | 31,918 |
| North Dakota-- | 417 | 9 | 426 | 312.912 | 211,068 | 99 | 3 | 102 | 3.502 | 2,571 | 264 | 6 | 270 | 3.668 | 2,381 |
| South Dakota. . | 221 | 8 | 229 | 138,722 | 108,703 | 69 | 2 | 71 | 1.752 | 1,445 | 199 | 5 | 204 | 4,437 | 3,571 |
| Nebraska | 281 | 13 | 294 | 250,597 | 195,651 | 101 | 4 | 105 | 4.247 | 2,847 | 229 | 3 | 232 | 6.921 | 6,017 |
| Kansas- | 275 | 18 | 293 | 254,730 | 179,677 | 83 | 1 | 84 | 1.593 | 1,306 | 259 | 2 | 261 | 14.676 | 12,479 |
| South At1antic | 304 | - | - | 452,931 | 393, 503 | 48 | - | - | 6,804 | 5.069 | 191 | - | - | 91,640 | 69,469 |
| De1 aware-------......-- | 11 | 3 | 14 | 7,779 | 7.350 |  |  | 1 | 257 | 257 | 8 | 2 | 10 | 8,981 | 7,318 |
| Marylend--......-.-.--- | 29 | 5 | 34 | 48,511 | 48,368 | 1 | 1 | 2 | 527 | 505 | 31 | 2 | 33 | 17,437 | 13,945 |
| District of Columbia-- | 1 | - | 1 | ${ }^{117}$ | (1) |  | - | - | - | - |  | - | - | 17,437 | 13.94 |
| Virginia----.--.......- | 66 | 4 | 70 | 73,682 | 72,516 | 13 | 3 | 16 | 2,074 | 1,035 | 54 | 1 | 55 | 27.974 | 21,297 |
| West Virginia.........- | 21 33 | 9 | 30 | 7.632 | 7,628 | 1 | 1 | , | 10 | 10 | 21 | 1 | 22 | 6,086 | 4,423 |
| North Carolina-........ South Carolina-...-.-- | 33 | 4 | 37 | 59,628 | 59,622 | 10 | 4 | 14 | 3,494 | 2,937 | 13 | 2 | 15 | 19,065 | 13,671 |
| South Carolina-.......-- | 12 | 2 | 14 | 7,008 | 7,008 | 4 | 2 | 6 | 212 | 198 | 6 | 1 | 7 | 917 | +897 |
| Georgia---..............- | 43 | 1 | 44 | 100,819 | 100,773 | 12 | 2 | 14 | 186 | 83 | 41 | 1 | 42 | 9,711 | 6.453 |
| Florida- | 88 | 2 | 90 | 147, 872 | 90, 238 | 8 | - | 8 | 44 | 44 | 17 | 2 | 19 | 1,469 | 1,465 |
| East South Central. | 201 | - | - | 236,542 | 232,463 | 47 | - | - | 723 | 591 | 206 | - | - | 21,826 | 14,666 |
| Kentucky-.-...........-- | 34 | 12 | 46 | 93,527 | 93,405 |  | 1 | 2 | 17 | - | 47 | 1 | 48 | 10,093 | 7,266 |
| Tennessee- | 414 | 5 | 46 | 40,759 | 39,036 | 32 | 2 | 34 | 386 | 366 | 77 | 3 | 80 | 6,837 | 3,535 |
| 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 | 143 | - | - | 2. 104 | 1,233 | 473 | - | - | 38.760 | 27,648 |
| Arkensas-.------------ | 72 | 8 | 80 | 47,581 | 44,817 | 19 | 2 | 21 | 153 | 131 | 37 | 2 |  |  |  |
| Loui si ana-............-- | 51 | 4 | 55 | 48,459 | 36,619 | - | 1 | 1 | 8 | - | 14 | 1 | 15 | 14,970 | $355$ |
| Okl ahoma--.............- | 173 | 11 | 184 | 138,287 | 104,873 | 38 | 2 | 40 | 656 | 482 | 154 | 3 | 157 | 6,808 | 5,701 |
| Texas-- | 459 | 9 | 468 | 335,600 | 260,199 | 86 | 3 | 89 | -1,287 | 620 | 268 | 1 | 269 | 16,321 | 14,911 |
| Mountain---- | 366 | - | - | 562.248 | 407,519 | 131 | - | - | 4.970 | 3,675 | 196 | - | - | 19,249 | 16,314 |
| Montena----.........--- | 88 | 11 | 99 | 116,098 | 65,162 | 52 | 4 | 56 | 1,304 | 907 | 75 | 5 | 80 | 1,257 | 884 |
| Ideho--.---.-.-..-....-. | 72 | 12 | 84 | 106,854 | 73,706 | 38 | 1 | 43 | 2.289 | 1,561 | 38 | 1 | 39 | 3,264 | 2.636 |
| \#yoming--...-.-.-.-.-.-. | 20 | 8 | 28 | 51.143 | 30,207 | 8 | 1 | 9 | 96 | 77 | 9 | 1 | 10 | 533 | - 458 |
| Colorado-.-.-.-.......-- | 81 | 11 | 92 | 162,713 | 148,459 | 21 | 1 | 22 | 541 | 467 | 48 | 1 | 49 | 3,355 | 2,569 |
| New Mexico-.....-.------ | 26 | 6 | 32 | 17.785 | 16,136 | 6 | - | 6 |  | 54 | 7 | - | 7 | $\begin{array}{r}394 \\ \hline\end{array}$ | 2,569 594 |
|  | 13 | 2 | 15 | 38.583 | 15,561 | - | 1 | 1 | 1 | - | 4 | - | 4 | 2,224 | 1,164 |
|  | 62 | 4 | 66 | 66.600 | 55,886 | 6 | 4 | 10 | 685 | 609 | 13 | 1 | 14 | 7,903 | 7,890 |
| Neveda-- | 4 | 2 | 6 | 2,472 | 2.402 |  | - | - | - | - | 2 | - | 2 | 119 | 119 |
| Pacific-.-.-.-........... | 660 | - | - | 1,215,630 | 889,977 | 139 | - | - | 12.031 | 8,347 | 165 | - | - | 93,393 | 92,379 |
| Washington | 127 | 10 | 137 | 224,686 | 164,500 | 70 | 4 | 74 | 5.882 | 3,151 | 71 | 1 | 72 | 22.197 | 21,914 |
| Oregon-................-- | 101 | 5 | 108 | 136,652 | 108,598 | 31 | 2 | 33 | 3,728 | 2,949 | 49 | 1 | 50 | 14,851 | 14,172 |
| California--..........- | 432 | 5 | 437 | 854.292 | 616,879 | 38 | 3 | 41 | 2.421 | 2,247 | 45 | 1 | 46 | 56,345 | 56,293 |

Table 4, - Continued


Table 4. - Cont inued

| Geographic division and St ate | Other supplies |  |  |  |  | Total supplies |  |  |  |  | Services |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Estimated number of associations handling |  |  | Estimated value of sales |  | Estimated number of associations hend 1 ing |  |  | Estimated value of sales |  | Estimated number of associations hand ing |  |  | Estimat ed receipts |
|  | Head-quar$\operatorname{in}_{\text {State }}$ <br> s. | Head-quarout of State | Totel inState | Gross | Net ${ }^{6}$ | Head-quarinState | Head-quarout ofSt ate | Total State$\qquad$ | Gros3 | Net ${ }^{\text {b }}$ | $\begin{array}{\|c\|} \hline \text { Head- } \\ \text { quarr } \\ \text { ters } \\ \text { in } \\ \text { State } \\ \hline \end{array}$ |  | $\left\|\begin{array}{c} \text { Total } \\ \text { in } \\ \text { State } \end{array}\right\|$ |  |
|  |  |  |  | \$1,000 | \$1,000 |  |  |  | \$1,000 | \$1,000 |  |  |  | \$1,000 |
|  | 5,937 | - | - | 439,097 | 288,989 | 7,335 | - | - | 2,390, 716 | 1,644,208 | 4,144 | - | - | 99,859 |
|  | 75 | - | - | 8,511 | 7.700 | 94 | - | - | 85,578 | 81,269 | 41 | - | - | 798 |
| Maine | $\begin{array}{r} 10 \\ 4 \\ 6 \\ 32 \\ 13 \\ 13 \end{array}$ |  | $\begin{array}{r} 24 \\ 9 \\ 9 \\ 33 \\ 4 \\ 46 \end{array}$ | 2,867 | 2.399 | 20 | 5 | 25 | 16,917 | 15,784 | 3 | 1 | 4 | 5 |
| New Hempshir |  |  |  | 1.528 | 1,472 | 6 | 4 | 10 | 15,886 | 15,657 | 5 | 1 | 7 | 156 |
| Vermont----- |  |  |  | 746 | 731 | 26 | 4 | 30 | 9,630 | 9.615 | 15 | - | 15 | 164 |
| Massachusetts |  |  |  | 2,379 | 2,167 | 23 | 2 | 25 | 24,298 | 22,378 | 7 | - | 7 | 199 |
| Rhode 1sland.-.- |  |  |  | 78 | 75 | 1 | 3 5 | 4 | 1,772 17,075 | 1,609 16,226 | 6 | 1 | 7 | 155 119 |
| Connecticut--------................ |  |  |  | 913 | 856 | 18 | 5 |  | 17,075 |  | 6 |  |  |  |
| Middle At1entic----------------.- | 461 | - | - | 46,424 | 27,235 | 478 | - | - | 396,391 | 265,164 | 72 | - | - | 4,313 |
| New York- | $\begin{array}{r} 296 \\ 51 \\ 514 \end{array}$ | 2 | 298 | 24,318 | 13,306 | 304 | 3 | 307 | 182,391 | 114,700 | 19 | 1 | 20 | 2,571 |
| New Jersey |  |  | 53 | 7,216 | 5,012. | 51 | 4 | 55 | 75,309 | 55,720 | 13 | 1 | 14 | 802 |
| Pennsylvania---.----------------- |  |  | 118 | 14,890 | 8,917 | 123 | 11 | 134 | 138,691 | 94,744 | 40 | 1 | 41 | 940 |
| East North Central-.....----.-.----- | 1,290 | - | - | 106,616 | 65,566 | 1,492 | - | - | 568,927 | 351,335 | 938 | - | - | 14,504 |
| Ohio | $\begin{aligned} & 226 \\ & 131 \\ & 341 \\ & 155 \\ & 437 \end{aligned}$ |  | 228 | 14,742 | 7.414 | 210 | 5 | 215 | 81,556 | 34,383 | 197 | - | 197 | 4,243 |
| 1 ndiana |  |  | 136 | 28,187 | 16,905 | 137 | 9 | 146 | 132,586 | 79,819 | 106 | 1 | 107 | 2,229 |
| 111 inoi |  |  | 345 | 22,965 | 11,943 | 445 | 10 | 455 | 159,150 | 100,357 | 280 | 3 | 283 | 4.299 |
| Michigan- |  |  | 159 | 15,402 | 11,145 | 187 | 9 | 196 | 69,320 | 48,755 | 113 | 2 | 115 | 1,352 |
|  |  | , | 445 | 25,320 | 18,159 | 513 | 15 | 528 | 126,315 | 88,021 | 242 | 4 | 246 | 2,381 |
| West North Central-..-------------- | 2,498 | - | - | 133,272 | 100, 265 | 3,074 | - | - | 646,686 | 442,139 | 1,844 | - | - | 21.549 |
|  | 768 | 5 | 773 | 37,338 | 25,910 | 962 | 9 | 971 | 165.976 | 114,033 | 575 | 4 | 579 | 7,126 |
|  | 484 | , | 491 | 25,568 | 22,437 | 574 | 12 | 586 | 139,267 | 100,548 | 400 | 7 | 407 | 3.463 |
| Missouri-......-..................- | 218 |  | 220 | 23,009 | 13.490 | 249 | 5 | 254 | 123,812 | 70,260 | 114 | - | 114 | 1,110 |
| Nosth Dakota | 322 | 2 | 328 | 15,418 | 11,818 | 433 | 8 | 441 | 57,091 | 37,927 | 291 | 3 | 294 | 2,603 |
| South Dakota | 193 | 5 | 198 | 8,786 | 7.502 | 188 | 9 | 197 | 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 | 2 | 233 | 10,745 | 8,950 | 309 | 4 | 313 | 62,119 | 44.754 | 189 | 6 | 195 | 4,266 |
| South At lantic---------------...-- | 270 | 0 | - | 40,529 | 25,947 | 373 | - | - | 205,973 | 153,267 | 95 | - | - | 5,707 |
|  | 10 | , | 12 | 2,113 | 1,408 | 11 | 2 | 13 | 14,772 | 11,333 | 1 | 1 | 2 | 9 |
| Maryland-.................................District of Columbia-............. |  | 3 | 46 | 4,976 | 3,314 | 49 | 4 | 53 | 34,397 | 26,975 | 11 | - | 11 | 191 |
|  | - |  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | $\begin{aligned} & 71 \\ & 24 \end{aligned}$ | 1 | 72 | 15,640 | 9,346 | 82 | 5 | 87 | 64,250 | 44,329 | 18 | 1 | 19 | 727 |
| West Virginia-....-.-.............-- |  | 4 | 25 | 2,407 | 1,702 | 26 | 2 | 28 | 11,507 | 8,068 | 4 | 1 | 5 | 89 |
| North Carolina-. | 17 |  | 20 | 5,878 | 4,750 | 70 | 6 | 76 | 38,541 | 29,699 | 13 | - | 13 | 527 |
| South Carolina- | 13 |  | 14 | 709 | 700 | 19 | 2 | 21 | 3,368 | 2,761 | 7 | 1 | 8 | 59 |
| Georgia- | 45 | 5 | 46 | 2,741 | 2,397 | 54 | 3 | 57 | 21,101 | 16,947 | 14 | - | 14 | 476 |
| Florida | 47 | 3 | 50 | 6,065 | 2,330 | 62 | 3 | 65 | 18,037 | 13.155 | 27 | - | 27 | 3,629 |
| East South Central--................. | 216 | 6 | - | 13,697 | 9,576 | 292 | - | - | 93,380 | 61,034 | 159 | - | - | 3,192 |
| Kentucky----------.-...............- | 5970 | 9 | 60 | 4.282 | 3,083 | 65 | 2 | 67 | 22,149 | 15,078 | 9 | - | 9 | 118 |
| Tennessee-...... |  |  | 73 | 2,301 | 1.472 | 84 | 6 | 90 | 21,602 | 12.514 | 31 | 1 | 32 | 139 |
| Alabema - | 34 53 |  | 35 | 2,407 | 1,877 | 48 | 2 | 50 | 20,139 | 13,970 | 18 | 1 | 19 | 571 |
| Mississippi |  |  | 56 | 4,707 | 3,144 | 95 | 6 | 101 | 29,490 | 19,472 | 101 | 2 | 103 | 2,364 |
|  | 432 | - | - | 16,090 | 11,146 | 646 | - | - | 102,231 | 69,870 | 610 | - | - | 27,506 |
| Arkansas-.....-.-.-...............- | 50 |  | 52 | 3,171 | 2.221 | 69 | 5 | 74 | 28,913 | 15.066 | 52 | 2 | 54 | 2,251 |
|  | 23 | 3 | 23 | 744 | 270 | 33 | 2 | 35 | 5,075 | 3,284 | 18 | - | 18 | 590 |
|  | 119 | 2 | 121 | 3,979 | 2,841 | 167 | 4 | 171 | 22,300 | 15,224 | 146 | 3 | 149 | 5,929 |
|  | 240 | 1 | 241 | 8,196 | 5,814 | 377 | 4 | 381 | 45,943 | 36,296 | 394 | 2 | 396 | 18,736 |
| Mountain--........-..................- | 295 | 5 | - | 19,522 | 13,889 | 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 |
| 1daho <br> Wyoning- $\qquad$ | 58 | 6 | 64 | 2,732 | 1.707 | 73 | 8 | 81 | 18,754 | 11,673 | 30 | 5 | 35 | 1,669 |
|  | 16 | 1 | 17 | 678 | 559 | 17 |  | 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 |
|  | 10 |  | 10 | 545 | 545 | 17 | - | 17 | 3.064 | 3.064 | 25 | - | 25 | 1,626 |
|  | 5 | 51 |  | 4,328 | 2,155 | 9 | 2 | 11 | 7,595 | 3,785 | 6 | - | 6 | 37 |
|  | 23 | 3 | 26 | 756 | 251 | 37 | 5 | 42 | 12,437 | 10,751 | 12 | 2 | 14 | 1,455 |
|  | - | - | - | - | - | 3 | - | 3 | 121 | 121 | - | - | - | - |
| Pacific----.-........................ | 400 | - | - | 54,436 | 27,665 | 494 | - | - | 208,188 | 159,960 | 212 | - | - | 16,022 |
| Washington | 145 | 5 | 150 | 15,934 | 11,476 | 150 | 7 | 157 | 65,589 | 50,956 | 63 | 1 | 64 | 5,334 |
|  | 77 | 4 | 81 | 7,636 | 6,036 | 92 | 5 | 97 | 42,505 | 33,255 | 53 | 3 | 56 | 2,625 |
|  | 178 | - | 181 | 30,866 | 10,153 | 252 | 4 | 256 | 100,094 | 75,749 | 96 | 1 | 97 | 8,063 |

[^4]Table 4. - Continued

| Geographic division and State | Total - Marketing, purchasing, and service |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Estimated number of associations in State | Estimated number of associations doing business in State | Gross business | Net business ${ }^{6}$ |
|  |  |  | \$1,000 | \$1,000 |
| UNITED STATES .-......... | 9,977 | - | 10,473,184 | 8,103,668 |
| New England- | 146 | - | 242,407 | 233,430 |
| Maine-..-----........ | 27 | 33 | 34, 114 | 32,981 |
| New Hampshire-.... | 10 | 18 | 29,600 | 29,371 |
| Vermont-...- | 37 | 47 | 63,706 | 63,680 |
| Massachusetts-...... | 39 | 42 | 63,840 | 57, 269 |
| Rhode Island..... | 5 | 10 | 8,671 | 8,508 |
| Connecticut-.......-. | 28 | 35 | 42,476 | 41,621 |
| siddle 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 | - | 2,492,801 | 1,994,138 |
| Ohio---....-...-......-. | 303 | 316 | 464, 793 | 375,122 |
| Indiana-.....- | 158 | 181 | 415,919 | 315,885 |
| 111inois-.... | 578 | 599 | 750,104 | 586,672 |
| Michigan-- | 233 | 249 | 290,429 | 240,960 |
| Wisconsin-....... | 861 | 885 | 571,556 | 475,499 |
| West North Central | 3,891 | - | 2,906,709 | 2, 162,641 |
| Minnesota... | 1,261 | 1,277 | 791,055 | 607.318 |
| 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 | 321,115 | 228,697 |
| South Atlantic-........... | 547 | - | 664,611 | 552,477 |
| 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 | 118,196 |
| Florida-. | 107 | 110 | 169,538 | 107,022 |
| East South Central. | 387 | - | 333,114 | 296,689 |
| Kentucky-- | 85 | 99 | 115,794 | 108,601 |
| Tennes see | 106 | 116 | 62,500 | 51.689 |
| Al absame.-----...- | 66 | 67 | 34,023 | 27,766 |
| Mississippi-- | 130 | 136 | 120,797 | 108,633 |
| West South Centr | 911 | - | 69¢. 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 |

## APPENDIX

(The statistics for $1950-51$ as given in the body of this report cannot be compared directly with prior years. See discussion pages 1-3.)

Table A. - Farmers' marketing and purchasing associations ${ }^{1}$ : Number listed for specified periods, ${ }^{2} 1913$ to 1949-50

| Period | Marketing |  | Purchasing |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Percent | Number | Percent | Number | Percent |
| $1913{ }^{3}$ | 2,988 | 96.4 | 111 | 3.6 | 3,099 | 100.0 |
| $1915{ }^{3}$ | 5, 149 | 94.9 | 275 | 5.1 | 5,424 | 100.0 |
| $1921{ }^{4}$ | 6,476 | 87.8 | 898 | 12.2 | 7,374 | 100.0 |
| 1925-26- | 9,586 | 88.7 | 1, 217 | 11.3 | 10,803 | 100.0 |
| 1927-28 | 10,195 | 89.4 | 1,20.5 | 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 | 1.50 | 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 |
| 1936-375 | 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 |

[^5]Table B. - Farmers' marketing and purchasing associations: Estimated membership ${ }^{1}$ for specified periods, ${ }^{2} 1915$ to 1949-50

| Period | Marketing |  | Purchasing |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Percent | Number | Percent | Number | Percent |
| 19153 - | 591,683 | 90.9 | 59,503 | 9.1 | 651,186 | 100.0 |
| 1925-26- | 2,453,000 | 90.9 | 247,000 | 9.1 | 2,700,000 | 100.0 |
| 1927-28- | 2,602,000 | 86.7 | 398,000 | 13.3 | 3,000,000 | 100.0 |
| 1929-30 | 2,630,000 | 84.8 | 470,000 | 15.2 | 3,100,000 | 100.0 |
| 1930-31 | 2,608,000 | 86.9 | 392,000 | 13.1 | 3,000,000 | 100.0 |
| 1931-32- | 2,667,000 | 83.3 | 533,000 | 16.7 | 3,200,000 | 100.0 |
| 1932-33 | 2,457,300 | 81.9 | 542,700 | 18.1 | 3,000,000 | 100.0 |
| 1933-34 - | 2,464,000 | 78.1 | 692,000 | 21.9 | 3,156,000 | 100.0 |
| 1934-35- | 2,490,000 | 75.9 | 790,000 | 24.1 | 3,280,000 | 100.0 |
| 1935-36- | 2,710,000 | 74.0 | 950,000 | 26.0 | 3,660,000 | 100.0 |
| 1936-37 ${ }^{4}$ | 2,414,000 | 73.8 | 856,000 | 26.2 | 3,270,000 | 100.0 |
| 1937-38- | 2,500,000 | 73.5 | 900,000 | 26.5 | 3,400,000 | 100.0 |
| 1938-39. | 2,410,000 | 73.0 | 890,000 | 27.0 | 3,300,000 | 100.0 |
| 1939-40 | 2,300,000 | 71.9 | 900,000 | 28.1 | 3,200,000 | 100.0 |
| 1940-41- | 2,420,000 | 71.2 | 980,000 | 28.8 | 3,400,000 | 100.0 |
| 1941-42- | 2,430,000 | 67.5 | 1,170,000 | 32.5 | 3,600,000 | 100.0 |
| 1942-43- | 2,580,000 | 67.0 | 1,270,000 | 33.0 | 3,850,000 | 100.0 |
| 1943-44- | 2,730,000 | 64.2 | 1,520,000 | 35.8 | 4,250,000 | 100.0 |
| 1944-45- | 2,895,000 | 64.3 | 1,610,000 | 35.7 | 4,505,000 | 100.0 |
| 1945-46- | 3,150,000 | 62.9 | 1,860,000 | 37.1 | 5,010,000 | 100.0 |
| 1946-47- | 3,378,000 | 62.1 | 2,058,000 | 37.9 | 5,436,000 | 100.0 |
| 1947-48- | 3,630,000 | 61.6 | 2,260,000 | 38.4 | 5,890,000 | 100.0 |
| 1948-49- | 3,973,000 | 62.2 | 2,411,000 | 37.8 | 6,384,000 | 100.0 |
| 1949-50 | 4,075,000 | 61.9 | 2,509,000 | 38.1 | 6,584,000 | 100.0 |

${ }^{1}$ 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.)
${ }^{2}$ 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.
3 compiled from tables in U. S. Dept. Agr. Bul. $547,82 \mathrm{pp} ., 111 u \mathrm{~s}_{\mathrm{L}}, 1917$. See pp. 14-25; and U. S. Dept. Agr. Tech. Bul. 40, 98 pp., illus., 1928. See pp. 70-75.
${ }^{4}$ Estimates are based on data collected by the Farm Credit Administration in cooperation with the banks for cooperatives and 33 State agricultural colleges for 1935-37.

Table C. - Farmers' marketing and purchasing associations: Estimated business ${ }^{1}$ for specified periods, ${ }^{2} 1913$ to 1949-50

| Period | Marke: ing |  | Purchasing |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$1,000 | Percent | \$1,000 | Percent | \$1,000 | Percent |
| $1913{ }^{3}$-- | 304,385 | 98.1 | 5,928 | 1.9 | 310,313 | 100.0 |
| $1915{ }^{3}$. | 624,161 | 98.2 | 11,678 | 1.8 | 635,839 | 100.0 |
| 1921 | 1,198,493 | 95.4 | 57,721 | 4.6 | 1,256,214 | 100.0 |
| 1925-26 | 2, 265,000 | 94.4 | 135,000 | 5.6 | 2,400,000 | 100.0 |
| 1927-28 | 2,172,000 | 94.4 | 128,000 | 5.6 | 2,300,000 | 100.0 |
| 1929-30 | 2,310,000 | 92.4 | 190,000 | 7.6 | 2,500,000 | 100.0 |
| 1930-31 | 2,185,000 | 91.0 | 215,000 | 9.0 | 2,400,000 | 100.0 |
| 1931-32 | 1,744,000 | 90.6 | 181,000 | 9.4 | 1,925,000 | 100.0 |
| 1932-33 | 1,199,500 | 89.5 | 140,500 | 10.5 | 1,340,000 | 100.0 |
| 1933-34 | 1,213,000 | 88.9 | 152,000 | 11.1 | 1,365,000 | 100.0 |
| 1934-35 | 1,343,000 | 87.8 | 187,000 | 12.2 | 1,530,000 | 100.0 |
| 1935-36- | ${ }^{4} 1,586,000$ | 86.2 | ${ }^{4} 254,000$ | 13.8 | 1,840,000 | 100.0 |
| 1936-375 | ${ }^{4} 1,882,600$ | 85.7 | ${ }^{4} 313,400$ | 14.3 | 2,196,000 | 100.0 |
| 1937-38 | ${ }^{4} 2,050,000$ | 85.4 | ${ }^{4} 350,000$ | 14.6 | 2,400,000 | 100.0 |
| 1938-39 | ${ }^{4} 1,765,000$ | 84.0 | ${ }^{4} 335,000$ | 16.0 | 2,100,000 | 100.0 |
| 1939-40 | ${ }^{4} 1,729,000$ | 82.8 | ${ }^{4} 358,000$ | 17.2 | 2,087,000 | 100.0 |
| 1940-4 | ${ }^{4} 1,911,000$ | 83.8 | ${ }^{4} 369,000$ | 16.2 | 2,280,000 | 100.0 |
| 1941 | ${ }^{4} 2,360,000$ | 83.1 | ${ }^{4} 480,000$ | 16.9 | 2,840,000 | 100.0 |
| 1942-43 | ${ }^{4} 3,180,000$ | 84.1 | ${ }^{4} 500,000$ | 15.9 | 3,780,000 | 100.0 |
| 19 | 4,4,430,000 | 85.9 | ${ }^{4} 730,000$ | 14.1 | 5,160,000 | 100.0 |
| 1944-45 | 44,835,000 | 85.7 | ${ }^{4} 810,000$ | 14.3 | 5,645,000 | 100.0 |
| 1945-46- | $45,147,000$ | 84.8 | ${ }^{4} 923,000$ | 15.2 | 6.070,000 | 100.0 |
| 1946-47 | ${ }^{4} 6,005,000$ | 84.4 | ${ }^{4} 1,111,000$ | 15.6 | 7,116,000 | 100.0 |
| 1947-48- | ${ }^{4} 7,195,000$ | 83.3 | ${ }^{4} 1,440,000$ | 16.7 | 8,635,000 | 100.0 |
| 1948-49 | ${ }^{4} 7,700,000$ | 82.6 | ${ }^{4} 1,620,000$ | 17.4 | 9,320,000 | 100.0 |
| 1949-50 | ${ }^{4} 7,082,600$ | 81.2 | ${ }^{4} 1,643,400$ | 18.8 | 8,726,000 | 100.0 |

${ }^{1}$ Includes the value of commodities sold or purchased for patrons and the service charges for 2 associations rendering other essential services either in marketing or purchasing.
${ }^{2}$ 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.
${ }^{3}$ Compiled from tables appearing in U. S. Dept. Agr. Bul. 547 , $82 \mathrm{pp} ., 111 \mathrm{us}$., 1917 . See $4 \mathrm{pp} .14-25$; and U. S. Dept. Agr. Tech. Bul. 40, 98 pp., 1llus., ${ }^{1928 .}$ See pp. $70-75$.
${ }^{4}$ 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, $\$ 450,000,000 ; 1941-42, \$ 600,000,000 ; 1942-43, \$ 750,000,000$; $1943-44, \$ 1,010,000,000$; 1944-45, $\$ 1,095,000,000$; 1945-46, $\$ 1,220,000,000 ; 1946-47$, $5 \$ 1,452,000,000 ; 1947-48, \$ 1,822,000,000$; 1948-49, $\$ 2,022,440,000$; $1949-50, \$ 2,233,855,000$. ${ }^{5}$ 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.

Table D. - Farmers' marketing and purchasing associations: Number ${ }^{2}$ estimated membership, ${ }^{2} 3$ and estimated business ${ }^{3}{ }^{3}$ by specified groups, geographic divisions, and States, 1948-49 and 1949-50 marketing seasons5

| Geographic division and Statc | Cotton and products |  |  |  |  |  | Dairy products |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Associations1isted |  | Estimated membership |  | Estimated business |  | Associations listed |  | Estimated membership |  | Estimeted business |  |
|  | 1949 | 1950 | 1948-49 | 1949-50 | 1948-49 | 1949-50 | 1949 | 1950 | 1948-49 | 1949-50 | 1948-49 | 1949-50 |
| UNITED STATES <br> New England | Praber |  | Vumber |  | \$1,000 |  | Hua ber |  | Member |  | 51,000 |  |
|  | 519 | 532 | 332,000 | 354,000 | 451,000 | 392,000 | 2,047 | 2,008 | 805,000 | 806,000 | 2,145,000 | 2,032,000 |
|  | - | - | - | - | - | - | 38 | 39 | 21,120 | 21,600 | 112,400 | 112,500 |
| Maine-----.-.......- | * | * | - | - | - | - | 2 | 2 | 900 | 1,100 | 2,300 | 2.300 |
| New Hempshire--...- | - | - | - | - | - | - | 4 | 4 | 600 | 500 | 3. 200 | 2,800 |
| Vermont----.-.-....- | - | - | - | - | - | - | 17 | 17 | 6,600 | 6,700 | 33,000 | 32,500 |
| Massachusetts-....- | - | - | - | - | - | - | 9 | 10 | 9.700 | 9,700 | 55.800 | 53, 200 |
| Khode Island--.....- | - | - | - | - | - | - | 2 | 2 | 1,220 | 1,400 | 2,600 | 3,500 |
| Connecticut-----.-- | - | - | - | - | - | - | 4 | 4 | 2,100 | 2,200 | 15,500 | 18,200 |
| Middle Atlantic------ | - | - | - | - | - | - | 119 | 120 | 74,800 | 75,900 | 404,600 | 456,300 |
| New York------.-.-- | - | - | - | - | - | - | 86 | 87 | 48,200 | 49,300 | 290,000 | 339,700 |
| New Jersey-------.- | - | - | - | - | - | - | 2 | 2 | 2,500 | 2,700 | 22,000 | 22,600 |
| Pennsylvania------- | - | - | - | - | - | - | 31 | 31 | 24,100 | 23,900 | 92,600 | 94,000 |
| East North Central-.. | - | - | - | - | - | - | 666 | 640 | 231,600 | 234,800 | 681,500 | 607,000 |
| Ohio-..-.-.-...-....- | - | - | - | - | - | - | 36 | 37 | 34, 200 | 36,700 | 76,500 | 80,000 |
| Indi ana=-.-....-.-.- | - | - | - | - | - | - | 21 | 19 | 25,000 | 25,800 | 37,800 | 35,000 |
| Illinois-.-.-------- | - | - | - | - | - | - | 67 | 65 | 44,000 | 45,000 | 133,400 | 116,000 |
| Michigan----------- | - | - | - | - | - | - | 43 | 42 | 45,000 | 46,400 | 114.500 | 110,000 |
| Wisconsin--.-.-....- | - | - | - | - | - | - | 499 | 477 | 83,400 | 80,900 | 319,300 | 266,000 |
| West North Central-.- | 1 | 1 | 10 | 10 | 80 | 80 | 994 | 978 | 364,400 | 362,900 | 565,100 | 490.400 |
| Minnesota---------- | - | - | - | - | - | - | 568 | 557 | 144,000 | 139,800 | 300,300 | 255,000 |
| Iowa--------------- | - | - | - | - | - | - | 258 | 255 | 81,100 | 83,300 | 116.300 | 99,000 |
| Missouri----------- | 1 | 1 | 10 | 10 | 80 | 80 | 17 | 19 | 30,400 | 29,000 | 56.800 | 55,300 |
| North Dakota------- | - | - | - | - | - | - | 41 | 39 | 18,400 | 19,000 | 13,700 | 10,100 |
| South Dakota------- | - | - | - | - | - | - | 52 | 51 | 26,000 | 26, 200 | 18.100 | 16,000 |
| Nebraska----------- | - | - | - | - | - | - | 41 | 40 | 44,600 | 44,000 | 31.900 | 28.000 |
| Kansas------------ | - | - | - | - | - | - | 17 | 17 | 19,900 | 21,600 | 28.000 | 27.000 |
| South Atlantic.-...-. | 8 | 9 | 67,330 | 72,550 | 67,020 | 40,620 | 52 | 54 | 7,920 | 9,140 | 75,300 | 75,550 |
| Delaware----------- | - | - | - | - | - | - | - | - | - | - | - | - |
| Maryland--------.-- | - | - | - | - | - | - | 8 | 6 | 2,800 | 2,900 | 18,000 | 18,000 |
| District of Columbia | - | - | - | - | - | - | 1 | 1 | 1,600 | 1,700 | 24,800 | 24,700 |
| Virginia---------- | - | - | - | - | - | - | 14 | 14 | 2, 200 | 2,400 | 13,600 | 13.400 |
| West Virginia------ | - | - | - | - | - | - | - | 1 | - | 700 | - | 50 |
| North Carolina----- | 1 | 1 | 9,400 | 9,000 | 6,100 | 6,000 | 11 | 12 | 600 | 720 | 6,700 | 7,500 |
| South Carolina----- | - | 1 | - | 120 | - | (6) | - | - | - | - | - | - |
| Georgia------------ | 6 | 6 | 57,900 | 63,400 | ${ }^{7} 60,900$ | 34,600 | 15 | 17 | 700 | 700 | 8,600 | 9,200 |
| Florida----------- | 1 | 1 | 30 | 30 | 20 | 20 | 3 | 3 | 20 | 20 | 3,600 | 2,700 |
| East South Central-.- | 79 | 76 | 93,300 | 91,000 | 205,500 | 109, 300 | 18 | 18 | 8,130 | 8,710 | 28.700 | 32,200 |
| Kentucky---........- | - | - | 7- ${ }^{-}$ | - | - | - | 3 | 3 | 2,230 | 2,400 | 10,900 | 11,400 |
| Tennessee-----.-..-- | 2 | 2 | ${ }^{7}{ }^{8} 60,000$ | ${ }^{8} 60,000$ | 795,400 | 22,600 | 9 | 9 | 4,600 | 5,000 | 14,100 | 16,000 |
| Alabama............. | 7 | 7 | 9,300 | 10,000 | ${ }^{7} 1,400$ | 1,500 | 4 | 4 | 80 | 90 | 2,100 | 3.000 |
| Mississippi-...-.... | 70 | 67 | 24,000 | 21,000 | 108,700 | 85,200 | 2 | 2 | 1,220 | 1,220 | 1,600 | 1,800 |
| West South Central--- | 400 | 415 | 163,460 | 182, 300 | 152,600 | 202, 200 | 30 | 30 | 23,000 | 21,900 | 42,000 | 37,100 |
| Arkansas.e.e.e.e.e. | 37 | 40 | 2,400 | 3,000 | 18,700 | 15,400 | 4 | 3 | 1,500 | 1,520 | 3,000 | 3,200 |
| Louisiana-..........- | 3 | 3 | 260 | 300 | 300 | 300 | 5 | 5 | 1,300 | 1,280 | 6,000 | 5,500 |
| Okl ahoma-..--.......- | 66 | 66 | 56,600 | 60,500 | 28,200 | 32,500 | 12 | 12 | 13,300 | 13,600 | 10.200 | 9,000 |
| Texas.---.-.-.-.-...- | 294 | 306 | 104,200 | 118,500 | 105,400 | 154,000 | 9 | 10 | 6,900 | 5,500 | 22,800 | 19,400 |
| Mountain-------------- | 17 | 17 | 2,900 | 2,820 | 6.100 | 6,800 | 48 | 49 | 36,530 | 35,920 | 53,100 | 50,950 |
| Montana------------ | - | - | - | - | - | - | 8 | 8 | 3,270 | 3,300 | 3,000 | 3,000 |
| Idaho-----------.-- | - | - | - | - | - | - | 13 | 13 | 22,000 | 20,300 | 26,600 | 21,000 |
| Wyoming------------ | - | - | - | - | - | - | 7 | 5 | 1,000 | 860 | 1,900 | 1,000 |
| Colorado----------- | - | - | - | - | - | - | 8 | 9 | 4,430 | 5,000 | 10,000 | 11,400 |
| New Mexico--------- | 17 | 17 | 2,900 | 2,820 | 6,100 | 6,800 | 1 | 1 | 480 | 480 | 900 | 900 |
| Arizona----------- | - | - | - | - | - | - | 1 | 2 | 750 | 880 | 1,800 | 4,600 |
| Utah-------.------ | - | - | - | - | - | - | 8 | 9 | 4,500 | 5,000 | 8,400 | 8,450 |
| Nevada------.----- | - | - | - | - | - | - | 2 | 2 | 100 | 100 | 500 | 600 |
| Pacific-------------- | 14 | 14 | 5.000 | 5,320 | 19.700 | 33,000 | 82 | 80 | 37,500 | 35, 130 | 182,300 | 170,000 |
| Washington--.-.-.-. | - | - | - | - | - | - | 21 | 21 | 14,200 | 13,500 | 47,000 | 41,000 |
| Oregon--...-.-....... | - | - | - | - | - | - | 34 | 31 | 15,400 | 14,100 | 40,000 | 40,000 |
| California...-....-. | 14 | 14 | 5,000 | 5,320 | 19,700 | 33,000 | 27 | 28 | 7,900 | 7,530 | 95,300. | 89,000 |

${ }_{2}$ Includes independent local associations, federations, and large-scale centralized associations.
${ }^{2}$ Includes members (those entitled to vote for directors), but does not include nonvoting patrons. (There is duplication in these membership figures because 3 some rammers belong to more than one association.)
3Estimated membershid and estimated business for each association is credited to the State in which the association has 1 ts headquarters.
includes the value or conmodities sold or purchased for Datrons and the service charges for associations rendering other essential services either in marketing or purchasing, and where applicable, the value of products under covernient $10 a n$ is included. 611 ml ted exceptions.
6 Less chan $\$ 10,000$.
${ }_{8}$ Menbership and business materially arfected by those assoct ations which participate in stabilization and sudport programs
${ }^{8}$ The largest Dart of this membershid is in Arikansas, with the remainder in Tennessee and Missour1.

| $\begin{gathered} \text { Geographic division } \\ \text { and State } \end{gathered}$ | Fruits and vegetables |  |  |  |  |  | Grain, dry beans, and rice |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Associations listed |  | Estimated membership |  | Estimated business |  | Associstions listed |  | Estimated memiership |  | Estimated business |  |
|  | 1949 | 1950 | 1948-49 | 1949-50 | 1948-49 | 1949-50 | 1949 | 1950 | 1948-49 | 1949-50 | 1948-49 | 1949-50 |
|  | Hamber |  | yember |  | \$1,000 |  | Number |  | number |  | \$1,000 |  |
| UNITED STATES | 930 | 922 | 173,000 | 175,000 | 776,000 | 784,000 | 2.192 | 2,191 | 740,000 | 792,000 | 2,266,000 | 1,953,000 |
| New Eng land--......... | 17 | 16 | 4,810 | 5,470 | 39,520 | 30,160 | - | - | - | - | - | - |
| Maine | 7 | 6 | 2,700 | 3,100 | 25,200 | 17,000 | - | - | - | - | - - | - |
| New Hampsh | 2 | 2 | 40 | 40 | 400 | 500 | - | - | - | - | - |  |
| Vermont - | 1 | 1 | 20 | 20 | 20 | 60 | - |  | - | - | - | - |
| Massachusetts-- | 4 | 4 | 1,860 | 2,130 | 13,400 | 12,300 | - | - | - | - | - | - |
| Rhode Island-.- | - | - | - | - |  |  | - | - | - | - | - | - |
| Connecticut | 3 | 3 | 190 | 180 | 500 | 300 | - | - | - | - | - | - |
| Middle Atlantic.-....- | 47 | 44 | 14,760 | 14,950 | 43,300 | 54,200 | 1 | 1 | 50 | 60 | 30 | 30 |
| New York | 27 | 20 | 7.000 | 5,700 | 23,700 | 31,000 | - | - | - | - | - | - |
| New Jersey | 9 | 11 | 4.200 | 5,430 | 9,900 | 9,200 | 1 | 1 | 50 | 60 | 30 | 30 |
| Pennsylvania | 11 | 13 | 3,560 | 3,820 | 9,700 | 14,000 | - | - | - | - | - | - |
| East North Central-..- | 82 | 70 | 22,600 | 21,460 | 38,870 | 34,000 | 438 | 428 | 190,700 | 214,000 | 496,500 | 511,970 |
| Ohio- | 19 | 16 | 2,600 | 2,100 | 11,900 | 10,100 | 110 | 110 | 39,700 | 45,000 |  | 105,600 |
| Indi ana-. | 8 | 5 | 800 | 620 | 440 | 300 | 36 | 39 | 34,000 | 45,000 | 110,000 | 100,000 |
| Illinois- | 9 | 9 | 700 | 740 | 1,830 | 1,600 | 248 | 240 | 95.000 | 101,000 | 248,000 | 264,000 |
| Michigan | 39 | 34 | 15,400 | 14,000 | 18,600 | 18,000 | 38 | 34 | 19,000 | 20,000 | 42,800 | 40,000 |
| Wisconsin | 7 | 6 | 3,100 | 4,000 | 6,100 | 4,000 | 6 | 5 | 3.000 | 3,000 | 2,700 | 2.370 |
| West North Central.... | 43 | 41 | 6,550 | 6,940 | 14,490 | 14,130 | 1,382 | 1,383 | 439,200 | 460,400 | 1,225,500 | 977,700 |
| Minnesot | 14 | 14 | 1,840 | 1,700 | 4,300 | 4,600 | 220 | 223 | 91.000 | 97,000 | 275,000 | 244,000 |
| Iowe | 4 | 4 | 600 | 600 | 610 | 740 | 255 | 249 | 84,500 | 87,000 | 210,000 | 182,000 |
| Mis souri | 7 | 6 | 600 | 940 | 640 | 730 | 43 | 43 | 19,900 | 21,000 | 49,000 | 38,000 |
| North Dakota | 8 | 8 | 500 | 510 | 310 | 600 | 301 | 299 | 72,000 | 75,000 | 194,000 | 140,000 |
| South Dakota.. | 1 | 1 | 160 | 230 | 600 | 600 | 150 | 152 | 49,300 | 53,000 | 103.400 | 75,000 |
| Nebraska---- | 7 | 6 | 2,800 | 2,900 | 7,800 | 6,500 | 203 | 203 | 57,000 | 59,400 | 135,400 | 117,400 |
| Kansas- | 2 | 2 | 50 | 60 | 230 | 360 | 210 | 214 | 65,500 | 68,000 | 258,700 | 181,300 |
| South Atlantic---...-- | 111 | 116 | 16.400 | 18,330 | 108,610 | 129,170 | 1 | 1 | 1,000 | 1,000 | 600 | 600 |
| Delaware-....... |  |  |  |  |  | 1.290 | - | - | - | - | - | - |
| Maryland--........... | 4 | 6 | 400 | 1*400 | 530 | 1,060 | 1 | 1 | 1.000 | 1,000 | 600 | 600. |
| District of Columbia | - | 14 | 2 | - | - | 1,060 | - | 1 | 1.00 | 1,000 | 600 | 60. |
| Virginia--...- | 14 | 14 | 2,130 | 2,100 | 6.100 | 3,400 | - | - | . | - | - | - |
| West Virginia-. | 3 | 4 | 20 | 50 | 300 | 300 | - | - | - | - | - | - |
| North Carolina--- | 5 | 5 | 300 | 320 | 380 | 320 | - | - | - | - | - | - |
| South Carolina-- | 6 | 4 | 900 | 1,400 | 3,800 | 2,200 | - | - | - | - | - | . |
| Georgia-....... | 5 |  | 1,800 | 1,810 | , 600 | 2, 600 | . | . | - | - | - | - |
| Florida.-.......---- | 73 | 76 | 10,800 | 11,200 | 95,700 | 120,000 | . | . | . | . | - | . |
| East South Central-..- | 30 | 32 | 8,250 | 8,650 | 3,030 | 2,790 | 5 | 5 | 3,670 | 3,200 | 2,670 | 2,900 |
| Kentucky-.......... |  |  |  |  |  | 1,600 | 3 | 3 | 3,400 | 3,000 | 1,950 | 2,000 |
| Tennessee | 8 | 10 | 3,600 | 3,800 | 1,000 | 800 | 3 | 3 | 3,400 | 3,000 | 1,950 | 2,000 |
| Alabama-.............- | 11 | 11 | 800 | 900 | 400 | 350 | - | - | - | - |  | - |
| Mississippi.......... | 5 | 5 | 750 | 900 | 30 | 40 | 2 | 2 | 270 | 200 | 720 | 900 |
| Hest South Central...- | 73 | 73 | 9.200 | 8,910 | 19,580 | 17,280 | 170 | 173 | 51,200 | 54,700 | 275,000 | 228,300 |
| Arkansas-- | 12 | 12 | 1,600 | 1,640 | 1.560 | 1,650 | 13 | 13 | 3,000 | 3,200 | 23,700 | 21,000 |
| Louisiena | 16 | 17 | 2,800 | 2.750 | 5,000 | 5,100 | 13 | 13 | 2,000 | 1,500 | 20,000 | 15,000 |
| Okl ${ }_{\text {ahoma }}$ | 7 | 7 | 500 | 300 | 320 | 230 | 77 | 78 | $27.400$ | $30,000$ | $124,000$ | 101,300 |
| Texas- | 38 | 37 | 4,300 | 4, 220 | 12,700 | 10,300 | 67 | 69 | $18,800$ | $20,000$ | $107,300$ | 91,000 |
| Mountain------------- | 105 | 109 | 39,830 | 39,790 | 85,300 | 90,170 | 114 | 116 | 37,680 | 41,180 | 116,600 | 92,500 |
| Montana- | 8 | 8 | 3,300 | 3,030 | 7.300 | 6,800 | 62 | 62 | 13,300 | 14,000 | 44,100 | 34,000 |
| Idaho-..............-. | 20 | 20 | 8,600 | 9.000 | 16,600 | - 16,800 | 20 | 20 | 7.600 | 8,200 | 24,400 | 19,000 |
| Wyoming--.............. | $\begin{array}{r}4 \\ 32 \\ \hline\end{array}$ | 4 31 | 4,300 | 4.250 | 7,400 | 7,770 | 4 | 4 | 1,340 | 1,380 | 3, 200 | 3,000 |
| Colorado-...........- | 32 1 | 31 | 11,200 | 11,000 | 39,800 | 43,300 | 23 | 24 | 12,300 | 13,900 | 29,400 | 23,500 |
| New Mexico----......- | 1 | 1 | 200 | 250 | 400 | 400 | 2 | 2 | 2,440 | 2,500 | 2,500 | 3,000 |
| Arizona------........ | 7 | 7 | 430 | 360 | 2,100 | 2,800 | - | - | 2,40 | , | - | - |
|  | 33 | 38 | 11,800 | 11,900 | 11,700 | 12,300 | 3 | 4 | 700 | 1,200 | 13,000 | 10,000 |
| Nevada-.-..------..-- | - | - |  | , | - | - . |  | 4 | , | . | $\stackrel{13,000}{-}$ | $\underline{+}$ |
| Pacific.........-.-.--- | 422 | 421 | 50,600 | 50,500 | 423,300 | 412.100 | 81 | 84 | 16,500 | 17,460 | 149,100 | 139,000 |
| Washington--......... | 55 | 55 | 7,000 | 6.000 | 54,800 | 52,000 | 37 | 37 | 8,400 | 9,000 | 58,000 |  |
| Oregon-.-............. | 29 | 28 | 6,000 | 6,900 | 33,000 | 35,000 | 18 | 18 | 4,800 | 4,760 | 43,100 | 54,000 32,000 |
| California--.-.....- | 338 | 338 | 37.600 | 37,600 | 335,500 | 325,100 | 26 | 29 | 3,300 | 3,700 | 48,000 | 53.000 |

Table D. - Cont inued

${ }^{9}{ }^{9}$ Eisiness transacted by branches or terminal markets is credited to the state in which the branch is located.

Table D. - Continued

| Geographic division and State | Poultry and products |  |  |  |  |  | Tobacco |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Associations listed |  | Estimated membership |  | Estimated business |  | Assoristions listed |  | Estimated membership |  | Estimated ousiness |  |
|  | 1949 | 1950 | 1948-49 | 1949-50 | 1948-49 | 1949-50 | 29.49 | 1950 | 1948-49 | 1949-50 | 1948-49 | 1949-50 |
| UNITED STATES----...- <br> New England | Pumber |  | Fuaber |  | \$1,000 |  | ruaber |  | Tua ber |  | \$1,000 |  |
|  | 134 | 131 | 134,500 | 142,000 | 304,000 | 290.600 | 17 | 22 | 473,500 | 502,700 | 189,400 | 115,800 |
|  | 12 | 12 | 10,700 | 11.030 | 20,370 | 19,940 | - | 1 | - | (11) | - | 990 |
| Haine---..---.---.- | - | * - | - | - | - | - | - | - | - | - | - | - |
| New Hampshire--..-- | 1 | 1 | 1,000 | 800 | 2,200 | 2, 100 | - | - | - | - | - | - |
| Vermont--------...- | - | - | - | - | - | - | - | - | - | - | - | - |
| Massachusetts-..--- | 4 | 4 | 5,200 | 5,400 | 7.620 | 7.500 | - | - | - | - | - | - |
| Rhode Island-.....-- | 1 | 1 | 200 | 230 | 350 | 380 | - | - | - | - | - | - |
| Connecticut-....... | 6 | 6 | 4,300 | 4.600 | 10,200 | 10,000 | - | 1 | - | (1i) | - | 990 |
| Middle Atlantic------ | 20 | 20 | 18,150 | 18,300 | 39,300 | 40,900 | 1 | 1 | 430 | 430 | 90 | 1121 |
| Nem York--.......... | 587 | 5 | 750 | 800 | 1,600 | 1,700 | - | - | - | - | - | - |
| New Jersey-........- |  | 8 | 7,400 | 7,500 | 21.200 | 22,200 | - | - | - | - | - | - |
| Pennsylvania------- |  | 7 | 10,000 | 10,000 | 15,500 | 17,000 | 1 | 1 | 430 | 430 | 90 | 1121 |
| East North Central-.- | 15 | 15 | 16,370 | 18,690 | 21,010 | 22,100 | 2 | 2 | 3,900 | 3,700 | 1,600 | 2,330 |
| Onio-............... | 931 | 9 | 14,900 | 17,100 | 16,200 | 16,500 | - | - | - | - | - | - |
| Indiana-............ |  | 2 | 420 | 300 | 220 | 200 | - | - | - | - | - | - |
| I11inois............ |  | 1 | 30 | 40 | 60 | 200 | - | - | - | - | - | - |
| Michigan-............ |  | 1 | 1,000 | 1,000 | 4,500 | 4.200 | - | - | - | - | - | - |
| Wisconsin--......... |  | 2 | 20 | 250 | 30 | 1.000 | 2 | 2 | 3,900 | 3,700 | ${ }^{131} 1.600$ | 2,330 |
| West North Central--- | 31 | 30 | 10,560 | 12,150 | 29,770 | 29,650 | 1 | 1 | 1,800 | 1,200 | 1,210 | 500 |
| Minnesota-............ <br> Iowa.................... | 6 | 9 | 1,830 | 3,600 | 4.700 | 7.400 | - | - | - | - | - | - |
|  |  | 6 | 2,700 | 2,700 | 5.700 | 4,300 | - | - | - | - | - | - |
| Hissouri--.........- | 6 10 | 9 | 3.900 | 3,800 | 17,700 | 16,200 | 1 | 1 | 1,800 | 1,200 | 1,210 | 500 |
| North Dakota--.-...- | 10 | - | 30 |  | 50 | - | - | - | - |  | - | - |
| South Dakota-......- | 1 | 1 | 50 | 50 | 20 | 20 | - | - | - | - | - | - |
| Nebraska----------- | 1 3 | 3 | 650 | 700 | 1,400 | 1,530 | - | . | - | - | - | - |
| Kansas-..---------- | 2 | 2 | 1,400 | 1,300 | 200 | 200 | - | - | - | - | - | - |
| South At1antic--.....- | 7 | 8 | 9,340 | 9,810 | 20,670 | 15,420 | 6 | 8 | 239,170 | 236,370 | 109,600 | 70,980 |
| Deleware Maryland | 2 | 1 | 30 | 30 | 50 | 50 | - | - | - | - | - | - |
|  |  | 2 | 1,600 | 6,400 | 8,500 | 2.800 | 2 | 2 | 15,200 | 11,000 | 4,200 | 4,620 |
| District of Columbia | 2 | - | - | - | - | - | - | - | - | - | - | - |
| Virginia----------- | 3 | 2 | 7.700 | 3.200 | 12,100 | 12,200 | 2 | 2 | 20,170 | 20,370 | 2,900 | 3, 200 |
| West Virginia.----- | - | 1 | - | 150 | - | 10 | - | - | - | - | - | - |
| North Carolina-....- | 1 | - | 10 | - | 20 | - | 2 | 3 | ${ }^{7}$ 203,800 | 205,000 | 13102,500 | 63,100 |
| South Carolina-...-- | - | - | - | - | - | - | - | - | - | 25.00 | - | , |
| Georgia--.........-- | - | - | - | - | - | - | - | - | - | - | - | - |
| Florida-. |  | 2 | - | 30 | - | 360 | - | 1 | - | 1111 | - | 60 |
| East South Central... | 3 | 3 | 270 | 470 | 1,220 | 1,710 | 7 | 9 | 228, 200 | 261,000 | 76,900 | 41,000 |
| Kentucky-...---...-- | 1 | 1 | 200 | 200 | 60 | 60 | 5 | 6 | ${ }^{7} 137.200$ | 169,000 | ${ }^{7} 61,900$ | 28, 100 |
| Tennessee-----..--- | - | - | - | - | - | - | 2 | 3 | ${ }^{7} 91,000$ | 92,000 | ${ }^{7} 15,000$ | 12,900 |
| Alabana-....... | 1 | 1 | (14) | 200 | 960 | 1,450 | - | - | - - | - | - | - |
| Mississippi-......-. |  | 1 | 70 | 70 | 200 | 200 | - | - | - | - | - | - |
| West South Central--- | 6 | 6 | 2, 650 | 2,380 | 3,800 | 3,400 | - | - | - | - | - | - |
| Arkensas-..........- |  | 1 | 280 | 280 | 2,500 | 2,500 | - | - | - | - | - | - |
| Louisiana <br> Cklahoma. | 1 | - | - | - | - | . | - | - | - | - | - | - |
|  | ${ }_{5}$ | - | - | - |  | - | - | - | - | - | - | - |
| Texas-.................. |  | 5 | 2,370 | 2,100 | 1,300 | 900 |  | . |  | - | . | . |
| Mountain-.....-.-..... | 20 | 19 | 16,460 | 15,670 | 37,460 | 38,580 | - | - | - | - | - | - |
| Montana <br> Idaho $\qquad$ | 2 | 1 | - 20 | 20 | 180 | 130 | - | - | - | - | - | - |
|  |  | 2 | 2,300 | 2,100 | 3,200 | 2,800 | - | - | - | - | - | - |
| Hyoming--.-........- | -9 | - | - | - | - | - | - | - | - | - | - | - |
| Colorado-..........- |  | 8 | 7,000 | 6,300 | 1,700 | 1.500 | - | - | . | - | - | - |
| New Mexico-........ | 9 | - | - | - | - | . | - | - | - | - | - | - |
| Arizona--..........- | 6 | - | - | - |  | , | - | - | - | - | - | - |
| Utah-...............- |  | 6 | 7.100 | 7,230 | 32,300 | 34, 100 | - | - | - | - | - | - |
| Nevada-...-.......... | 2 | 2 | 40 | 20 | 80 | 50 | - | - | - | - | - | - |
| Pacific-............-- | 20 | 18 | 50,000 | 53,500 | 130.400 | 118,900 | - | - | - | - | - | - |
| Washington--.......- | 3 | 3 | 32, 100 | 36,000 | 44, 100 | 42,200 | - | - | - | - | - | - |
| Oregon <br> California |  | 3 | 3, 700 | 4,500 | 10,300 | 8,700 | - | . | - | - | - | - |
|  | 13 | 12 | 14,200 | 13,000 | 76,000 | 68,000 | - | - | - | - | - | - |

[^6]14 A federation of 8 iocal tobacco during 1948-49 season.
${ }^{14}$ A federation of 8 local associations engaged in supply durchasing and miscellaneous mariketing activities
rable D. - Cont inued

| Geographic division and State | Hool and motais |  |  |  |  |  | Miscellaneous ${ }^{19}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Associations listed |  | Estimated membership |  | Estimated business |  | As sociations iisted |  | Estimated membership |  | Estimated business |  |
|  | 1949 | 1950 | 1948.49 | 1949-50 | 1948-49 | 1949 -50 | 1949 | 1950 | 1948.49 | 1949-50 | 1948-49 | 1949.50 |
| UNITED STATES......... <br> New England | Jumber |  | Freber |  | 51,000 |  | fun ber |  | Tumber |  | 51,000 |  |
|  | 115 | 107 | 103, 000 | 98,000 | 30,000 | 27,000 | 381 | 386 | 130.600 | 147.900 | 97.600 | 111, 200 |
|  | 2 | 3 | 560 | 600 | 4,300 | 3. 500 | 19 | 19 | 5,140 | 5,840 | 1,400 | 1,500 |
| Maine-.............. | 1 | 1 | 160 | 200 | (6) | 16. | - | - | - | - | - | - |
| New Hampshire-...-- | - | - | - | - | - | - | 2 | 2 | 120 | 120 | 400 | 400 |
| Vermont--...........- | - | - | - | - | - | - | 11 | 11 | 4,000 | 4. 200 | 900 | 1,000 |
| Massachusetts-.....- | 1 | 2 | 400 | 400 | 4,300 | 3,500 | 2 | 2 | 530 | 530 | 20 | 10 |
| Rhode 1sland........ | - | - | - | - | - | - | 1 | 1 | 140 | 140 | 20 | 20 |
| Connecticut-....... | - | - | - | - | - | - | 3 | 3 | 350 | 850 | 60 | 70 |
| Hiddle Atlentic...... | 30 | 27 | 5,940 | 5,700 | 360 | 370 | 20 | 21 | 4,400 | 4,900 | 2,400 | 2,450 |
| New York .-.......... | 1 | 1 | 640 | 700 | 100 | 140 | 14 | 14 | 4.000 | 4,400 | 2,300 | 2,300 |
| New Jersey-......... | - | - | - | - | - | - | 2 | 3 | 200 | 300 | 50 | 90 |
| Pennsylvania.......- | 29 | 26 | 5,300 | 5,000 | 260 | 230 | 4 | 4 | 200 | 200 | 50 | 60 |
| East North Central..- | 4 | 4 | 17,540 | 18,500 | 2,780 | 3,080 | 89 | 91 | 46,300 | 51,220 | 11,500 | 22,100 |
| Ohio-...............- | 1 | 1 | 7,200 | 8,000 | 1,400 | 1,440 | 12 | 12 | 3,300 | 2,600 | 1,100 | 800 |
| Indiana.............. | - | - | - | - |  |  | 5 | 7 | 1,000 | 2.500 | 200 | 900 |
| Illinois-........... | 1 | 1 | 1,200 | 1,300 | 120 | 180 | 53 | 54 | 31,800 | 36,000 | 3,600 | 4,200 |
| Michigan- | 1 | 1 | 3,500 | 3,500 | 640 | 910 | 7 | 7 | 5,800 | 6,020 | 3,300 | 3,000 |
| West North Central... | 1 | 1 | 5.640 | 5,700 | 620 | 550 | 12 | 11 | 4,400 | 4,100 | 3,300 | 13, 200 |
|  | 12 | 12 | 46, 240 | 40,400 | 9,690 | 7,700 | 93 | 96 | 31,900 | 33,280 | 35,960 | 28,920 |
| Minnesota-.........- | 1 | 1 | 9,600 | 9,600 | 1,600 | 500 | 25 | 27 | 8,100 | 8.700 | 4.600 | 3,900 |
| 10we-...............- | 3 | 3 | 5,900 | 6,100 | 400 | 400 | 11 | 11 | 3,600 | 3,630 | 10,000 | 10,200 |
| Mis souri----......-- | 2 | 2 | 12,000 | 8,100 | 1,500 | 1,200 | 37 | 38 | 15,500 | 16,900 | 17,900 | 12,800 |
| North Dakota.......- | 4 | 5 | 8,200 | 6,600 | 1,050 | 900 | 8 | 8 | 1,200 | 1,500 | 630 | 800 |
| South Dakota-.....-. | 1 | 1 | -10.500 | 10,000 | 5,140 | 4,700 | 3 | 2 | 1,500 | 300 | 2,600 | 1,090 |
| Nebraska-............ | - | - | - | - | , | . | 5 | 6 | 1,440 | 1,700 | 200 | 100 |
| Kansas.............- | 1 | - | 40 | - | (6) | - | 4 | 4 | 560 | 550 | 30 | 30 |
| South Atlantic........ | 17 | 17 | 11,500 | 11,500 | 1,050 | 1,150 | 38 | 39 | 9,580 | 14,590 | 4,380 | 17,540 |
| Delaware-.........-- | - | - | - | - | - | - | 1 | 1 | 900 | 920 | 420 | 500 |
| Maryland-..........- | 1 | 1 | 900 | 900 | 50 | 50 | 5 | 5 | 1,000 | 1,030 | 1,160 | 1,100 |
| District of Columbia | $\bullet$ | - | - | - |  | - | - | - | . | , | , | , |
| Virginia............ | 12 | 12 | 7.500 | 7.200 | 750 | 800 | 9 | 10 | 4,400 | 5,300 | 400 | 500 |
| West Virginia....... | 4 | 4 | 3,100 | 3,400 | 250 | 300 | 3 | 2 | 100 | 80 | 100 | 40 |
| North Carolina--..-- | - | - | - | - | - | - | 7 | 7 | 500 | 500 | 600 | 600 |
| South Carolina-...-- | - | - | - | - | - | - | 5 | 4 | 1,390 | 1.040 | 200 | 100 |
| Georgia............. | - | - | - | - | - | . | 6 | 7 | 1,200 | 5.600 | 200 | 13,000 |
| Florida-............ | - | - | - | - | - | - | 2 | 3 | 90 | 120 | 1,300 | 1,700 |
| East South Central...- | 11 | 8 | 4,950 | 3,150 | 450 | 360 | 18 | 18 | 5,800 | 7,620 | 3,480 | 2,270 |
| Kentucky--.......--- | 4 | 4 | 1,800 | 1,700 | 300 | 240 | 1 | 1 | 20 | 20 | 20 | 20 |
| Tennessee-----..--- | 6 | 3 | 3,000 | 1,300 | 130 | 100 | 3 | 4 | 700 | 1,300 | 1,000 | 900 |
| Alabama............. | - | - | . | - |  | - | 6 | 5 | 1,680 | 2,000 | 1,930 | 800 |
| Mississippi------- | 1 | 1 | 150 | 150 | 20 | 20 | 8 | 8 | 3,400 | 4,300 | 530 | 550 |
| West South Central... | 8 | 7 | 1,360 | 1,260 | 880 | 740 | 56 | 53 | 12,600 | 16, 100 | 14,180 | 14,330 |
| Arkansas-..........- | 1 | 1 | 60 |  | 10 | $(6)$ | 7 | 6 | 80 | 3, 800 | 1,950 | 1,900 |
| Louisiana--....----- | 4 | 3 | 500 | 400 | 100 | 120 | 13 | 11 | 1,200 | 1,200 | 10,600 | 10,700 |
| Oklahoma...........- | - | - | - | - | - | - | 6 | 4 | 2,020 | 1,700 | 130 | 110 |
| Texas-.............- | 3 | 3 | 800 | 800 | 770 | 620 | 30 | 32 | 9,300 | 9,400 | 1,500 | 1,620 |
| Mountein-.............. | 27 | 27 | 11,510 | 12,790 | 8,660 | 8,400 | 17 | 17 | 8,310 | 7,490 | 6,140 | 5.790 |
| Montana--........... | 5 | 5 | 400 | 400 | 220 | 280 | 6 | 6 | 1,400 | 1,430 | 500 | 600 |
| 1daho..------.....- | 10 | 10 | 1,200 | 1,300 | 1,100 | 1,100 | 2 | 2 | 890 | 870 | 600 | 700 |
| Wyoning-.....-......- | 3 | 3 | 1,400 | 1,500 | 2,600 | 2,300 | 1 | 1 | 1,500 | 1,200 | 1,500 | 1,100 |
| Colorado--....-....- | 3 | 3 | 7,800 | 8,800 | 2,000 | 1,700 | 2 | 2 | 3,600 | 3. 200 | 2,200 | 2, 100 |
| New Mexico-----...- | 2 | 2 | 420 | 500 | 310 | 320 | 2 | 2 | 700 | 600 | 40 | 30 |
| Arizona--------...- | 1 | 1 | 50 | 50 | 300 | 400 | 2 | 2 | 90 | 90 | 660 | 600 |
| Utah-......-.-.-....- | 2 | 2 | 210 | 210 | 1,750 | 2,000 | 2 | 2 | 130 | 100 | 640 | 660 |
| Nevede--.-.-..-....- | 1 | 1 | 30 | 30 | 380 | 300 | - | - | - | - | - | - |
| Pacific-.-............ | 4 | 2 | 3,400 | 4,100 | 1,830 | 1,700 | 31 | 32 | 6,570 | 6,860 | 18,160 | 16,300 |
| Fashington---...... | 1 | - | 40 | - | 70 | - | 7 | 7 | 670 | 560 | 4,060 | 4,000 |
| Oregon-...-.........- | 1 | 1 | 3.000 | 3.000 | 1,720 | 1,700 | 13 | 13 | 3,560 | 3,600 | 2,100 | 1,700 |
| Californie-.......-- | 2 | 1 | 360 | 1,100 | 40 | 181 | 11 | 12 | 2,340 | 2,700 | 12,000 | 10,600 |

${ }^{15}$ Includes associations handiling commodities not specified elsewhere, those handing several twpes of comodities, and those fumishing special marketing or related services.

Table D. - Cont inued

| Geographic division and State | Purchasing |  |  |  |  |  | Total |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Associations listed |  | Estimated membership |  | Estimated business |  | Associations 1isted |  | Estimated membership |  | $\begin{aligned} & \text { Estimated } \\ & \text { business } \end{aligned}$ |  |
|  | 1949 | 1950 | 1948-49 | 1949-50 | 1948-49 ${ }^{16}$ | 1949-50 ${ }^{17}$ | 1949 | 1950 | 1948-49 | 1949-50 | 1948-49 | 1949-50 |
| UNITED STATES <br> New England- | Yua ber |  | Rua ber |  | 51,000 |  | Mraber |  | गuaber |  | \$1,000 |  |
|  | 3,082 | 3,113 | 2,411,000 | 2,509,000 | 1,620,000 | 1,643,400 | 10,075 | 10,035 | 6,384,000 | 6,584,000 | 9,320,000 | 8,726,000 |
|  | 57 | 56 | 97,500 | 99,600 | 115,900 | 113,200 | 145 | 147 | 139, 830 | 144,260 | 293,890 | 281,920 |
| Maine | 16 | 16. | 5,100 | 5,000 | 5,500 | 5,000 | 26 | 25 | 8,860 | 9,400 | 33,000 | 24,300 |
| New H | 2 | 2 | 2,700 | 2,800 | 11,900 | 11,700 | 11 | 11 | 4,460 | 4,260 | 18, 100 | 17,500 |
| Verm | 9 | 8 | 3,000 | 2,500 | 1.500 | 1,500 | 38 | 37 | 13,620 | 13,420 | 35,420 | 35.060 |
| Massachuse | 15 | 15 | 85,000 | 87,600 | 91,900 | 90,000 | 35 | 38 | 102,690 | 105,880 | 173,040 | 166,640 |
| Rhode Isl | - | - | - | - | - | - | 4 | 4 | 1,560 | 1,770 | 2,970 | 3,860 |
| Connect | 15 | 15 | 1,700 | 1,700 | 5,100 | 5,000 | 31 | 32 | 8,640 | 9,530 | 31,360 | 34,560 |
| Middle At lantic---- | 392 | 391 | 186,000 | 180,000 | 256,400 | 253,600 | 636 | 632 | 329,930 | 327, 240 | 786,780 | 846.550 |
| New | 260 | 262 | 112,000 | 110,000 | 162,000 | 159,200 | 395 | 391 | 175,590 | 173,900 | 493, 800 | 549,040 |
| New Je | 36 | 36 | 17,000 | 15,000 | 29,000 | 28,500 | 60 | 63 | 32,750 | 33,990 | 84,880 | 85,320 |
| Pennsylv | 96 | 93 | 57,000 | 55,000 | 65,400 | 65,900 | 181 | 178 | 121,590 | 119,350 | 208, 100 | 212,190 |
| East North Central-- | 719 | 721 | 693, 800 | 733,000 | 492,400 | 484,600 | 2,197 | 2,144 | 1,653,210 | 1,775,570 | 2,304,660 | 2, 265,680 |
| Ohi | 108 | 111 | 85,500 | 92,000 | 136,700 | 137, 100 | 305 | 305 | 297, 100 | 319,600 | 505, 300 | 563,540 |
| Indi | 83 | 80 | 158,000 | 164,000 | 132,800 | 127,000 | 166 | 159 | 273,420 | 323,220 | 378,560 | 351,400 |
| Illin | 174 | 169 | 222,000 | 230,000 | 74,500 | 78,000 | 590 | 578 | 561,730 | 583,280 | 687, 210 | 675,180 |
| Mich | 100 | 104 | 57,600 | 62,000 | 47,000 | 49,000 | 238 | 233 | 167, 300 | 178,820 | 255,540 | 252,610 |
| Wiscons | 254 | 257 | 170,700 | 185,000 | 101,400 | 93,500 | 898 | 869 | 353, 660 | 370,650 | 478,050 | 422,950 |
| West North Central-... | 1,030 | 1,026 | 612,300 | 640,200 | 396,400 | 406, 100 | 3,925 | 3,882 | 1,921,160 | 1,879,830 | 2,724,200 | 2,384,780 |
| Minnesot | 263 | 264 | 149,400 | 154,000 | 127, 200 | 127,300 | 1,284 | 1,271 | 614, 270 | 535,000 | 849, 200 | 767,900 |
| Iow | 134 | 136 | 127,800 | 133,000 | 48,000 | 51,000 | 727 | 715 | 337,300 | 347,730 | 493,310 | 446,640 |
| Misso | 156 | 153 | 160,000 | 167,000 | 127,500 | 135,800 | 282 | 280 | 321,010 | 325,000 | 365,430 | 349,310 |
| North Dakot | 134 | 135 | 49,500 | 53,000 | 25,000 | 25,200 | 575 | 562 | 200, 130 | 201,010 | 273,940 | 212,400 |
| South Dako | 88 | 92 | 36, 500 | 40,000 | 16,900 | 17.900 | 299 | 302 | 131,310 | 137,080 | 161,060 | 128,710 |
| Nebrask | 160 | 156 | 63,500 | 66,000 | 31,800 | 31,500 | 424 | 419 | 200,690 | 210,500 | 269, 300 | 248,030 |
| Kansa | 95 | 90 | 25,600 | 27.200 | 20,000 | 17,400 | 334 | 333 | 116,450 | 123,510 | 311,960 | 231,790 |
| South Atlantic----...- | 199 | 209 | 377, 800 | 394,500 | 135,000 | 140,700 | 477 | 498 | 851,310 | 879, 290 | 619,500 | 527,610 |
| Delawar | 10 | 10 | 7.500 | 8,000 | 3,600 | 3, 300 | 13 | 13 | 8,480 | 9.000 | 5,270 | 5,140 |
| Maryland.- | 38 | 39 | 30,200 | 32,000 | 13,500 | 13,200 | 61 | 62 | 53, 100 | 56,630 | 46,540 | 41,430 |
| District of Columbia |  | - | - | - | - | - | 1 | 1 | 1,600 | 1,700 | 24,800 | 24,700 |
| Virgini | 67 | 65 | 188, 000 | 192,000 | 71,700 | 68, 100 | 128 | 126 | 238,550 | 240,570 | 129,380 | 106, 640 |
| West Virgi | 21 | 21 | 20,800 | 21,500 | 4,200 | 4,300 | 45 | 46 | 28,620 | 30,380 | 6,950 | 7,100 |
| North Carolin | 14 | 14 | 114,000 | 120,000 | ${ }^{18} 33,000$ | 40,000 | 45 | 46 | ${ }^{7} 329,710$ | 336,540 | 149,340 | 117.560 |
| South Caroli | 5 | 6 | 800 | 1,100 | 400 | 600 | 22 | 21 | 9,350 | 8,760 | 5,900 | 4,100 |
| Georgie | 30 | 35 | 15,500 | 18, 200 | 4,300 | 6,000 | 67 | 76 | ${ }^{7} 169,100$ | 181,810 | 7145,300 | 90,100 |
| Florida | 14 | 19 | 1,000 | 1,700 | 4,300 | 5,200 | 95 | 107 | 12,800 | 13,900 | 106,020 | 130,840 |
| East South Central-..- | 195 | 210 | 161,900 | 171,200 | 35, 600 | 42,700 | 379 | 390 | 533, 870 | 580,600 | 380,650 | 256,060 |
| Kentucky- | 53 | 56 | 36,500 | 36,200 | 7,600 | 9,000 | 77 | 81 | ${ }^{7} 193,950$ | 223,770 | T97,030 | 64,020 |
| Tenness | 69 | 76 | 40,800 | 38,000 | 7.600 | 10,700 | 102 | 109 | ${ }^{7}$ 206, 700 | 211,400 | ${ }^{7} 138.630$ | 68,000 |
| Al abama | 36 | 34 | 48,600 | 48,000 | 11,900 | 13,000 | 70 | 66 | 66,960 | 68,190 | 24,090 | 25,130 |
| Mississipp | 37 | 44 | 36,000 | 49,000 | 8,500 | 10,000 | 130 | 134 | 66,260 | 77,240 | 120,900 | 98,910 |
| West South Central-... | 164 | 161 | 72,400 | 72,000 | 38.800 | 49,100 | 920 | 931 | 365.770 | 392,110 | 631,270 | 637,050 |
| Arkansas | 39 | 37 | 11,500 | 12,500 | 10,100 | 12,900 | 116 | 114 | 21,220 | 26,160 | 61,550 | 58,550 |
| Louisiane | 5 | 5 | 1,400 | 1,200 | 2,500 | 2,500 | 59 | 57 | 9,460 | 8,630 | 44,500 | 39,220 |
| Or1ahoma- | 24 | 28 | 36,500 | 36,000 | 3,400 | 3,700 | 197 | 201 | 156,620 | 165,600 | 198, 250 | 171,640 |
| Texas | 96 | 91 | 23,000 | 22,300 | 22,800 | 30,000 | 548 | 559 | 178,470 | 191,720 | 326,970 | 367,640 |
| Mountain--.............. | 191 | 191 | 109, 600 | 109,500 | 37,900 | 36,900 | 564 | 569 | 290,450 | 292, 130 | 455,660 | 427,490 |
| Montana- | 87 | 87 | 21,800 | 23, 200 | 10, 100 | 10,200 | 181 | 180 | 51,690 | 53,480 | 80,500 | 72,010 |
| Idaho-.. | 38 | 40 | 22,000 | 21,000 | 8, 100 | 8,530 | 122 | 124 | 71,090 | 68,870 | 82,500 | 71,430 |
| Wyoming-- | 7 | 7 | 3,300 | 3,100 | 1,100 | 1,000 | 26 | 24 | 12,840 | 12,290 | 17,700 | 16,170 |
| Colorado- | 35 | 33 | 15,200 | 16,000 | 9, 200 | 9,250 | 115 | 113 | 68,430 | 70,900 | 142, 200 | 137,750 |
| New Mexico | 6 | 5 | 2,200 | 1,400 | 2,600 | 1,000 | 31 | 30 | 9,340 | 8,550 | 12,850 | 12,450 |
| Arizo | 2 | 2 | 42,000 | 41,400 | 4,100 | 4,300 | 13 | 14 | 43,350 | 42,850 | 9,560 | 14,700 |
| Utah- | 14 | 15 | 2,500 | 2,800 | 2,600 | 2.500 | 69 | 77 | 32,940 | 34,440 | 109, 290 | 101.910 |
| Nevada | 2 | 2 | 600 | 600 | 100 | 120 | 7 | 7 | 770 | 750 | 1,060 | 1,070 |
| Pacific-------........ | 135 | 148 | 99,700 | 109,000 | 111,600 | 116,500 | 832 | 842 | 298,470 | 312,970 | 1,123,390 | 1,098,860 |
| Washington-----.-.- | 69 | 76 | 39,600 | 38,500 | 44,300 | 47,500 | 196 | 202 | 103,410 | 105,160 | 256,680 | 245,830 |
| Oregon----------..- | 44 | 45 | 42,600 | 46,500 | 20,500 | 20,400 | 152 | 148 | 84,360 | 88,660 | 155.370 | 142,730 |
| California----...... | 22 | 27 | 17,500 | 24,000 | 46,800 | 48,600 | 484 | 492 | 110,700 | 119, 150 | 711,340 | 710,300 |

${ }^{16}$ hrter combining themarketing business of all associations and the purchasing business of all associations, the estimated total for marketing was $\$ 7,297,560,000$, ${ }^{17}$ Ar 78.3 Dercent, and for purchasing $\$ 2,022,440,000$ or 21.7 percent. 8 or 74.4 percent, and for purchasing $\$ 2,233,856,000$, or 25.8 percent.
${ }^{18}$ Decrease due to el imination of inter-company sal es.

Table E. - Farmers' mutual fire insurance companies: Number of companies, insurance in force, and costs, 1914-501 2

| Year | Companies ${ }^{3}$ | Amount of insurance in force Dec. 31 | Cost per $\$ 100$ of insurance |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Losses | Expenses | Total |
|  | Number | \$1,000 |  | Cents |  |
| 1914--. | 1,947 | 5, 264, 119 | 20.4 | 6.0 | 26.4 |
| 1915---- | 1,879 | 5, 366, 760 | 17.5 | 6.0 | 23.5 |
| 1916---- | 1,883 | 5,635,968 | 19.6 | 5.9 | 25.5 |
| 1917-... | 1,829 | 5,876,853 | 18.2 | 6.4 | 24.6 |
| 1918- | 1,866 | 6,391, 522 | 18.8 | 6.3 | 25.1 |
| 1919--. | 1,922 | 6,937,523 | 17.3 | 7.8 | 25.1 |
| 1920--. | 1,944 | 7,865,988 | 17.4 | 8.4 | 25.8 |
| 1921--. | 1,951 | 8,409,683 | 19.4 | 7.8 | 27.2 |
| 1922--- | 1,918 | 8,769,948 | 20.9 | 5.8 | 26.7 |
| 1923---- | 1,907 | 9,057,938 | 19.8 | 6.6 | 26.4 |
| 1924--..- | 1,929 | 9,487,029 | 20.4 | 6.5 | 26.9 |
| 1925--. | 1,839 | 9,477; 139 | 21.1 | 6.7 | 27.8 |
| 1926- | 1,911 | 9,988,580 | 19.4 | 6.9 | 26.3 |
| 1927-... | 1,889 | 10,345,463 | 19.0 | 6.3 | 25.3 |
| 1928--. | 1,884 | 10, 781, 212 | 20.5 | 6.6 | 27.1 |
| 1929- | 1,876 | 11,118,510 | 21.8 | 6.6 | 28.4 |
| 1930---- | 1,886 | 11,382, 104 | 24.8 | 6.8 | 31.6 |
| 1931- | 1,863 | 11, 292, 339 | 24.1 | 6.9 | 31.0 |
| 1932--- | 1,847 | 10,974,082 | 24.9 | 7.1 | 32.0 |
| 1933---- | 1,826 | 10,466, 384 | 21.2 | 7.3 | 28.5 |
| 1934 - | 1,852 | 10,571,508 | 19.7 | 7.2 | 26.9 |
| 1935---- | 1,941 | 11,083,300 | 15.7 | 7.5 | 23.2 |
| 1936--. - | 1,936 | 11,339,510 | 20.7 | 7.4 | 28.1 |
| 1937 - | 1,924 | 11,569,476 | 16.5 | 7.6 | 24.1 |
| 1938--. - | 1,914 | 11,868,569 | 18.0 | 8.0 | 26.0 |
| 1939 - | 1,904 | 12,143, 881 | 18.4 | 8.2 | 26.6 |
| 1940--. | 1,898 | 12,294, 287 | 17.1 | 8.1 | 25.2 |
| 1941- | 1,885 | 12,518,913 | 16.2 | 8.4 | 24.6 |
| 1942--.. | 1,877 | 12,982, 390 | 14.6 | 8.1 | 22.7 |
| 1943- | 1,878 | 13,777,555 | 16.2 | 7.7 | 23.9 |
| 1944- | 1,847 | 14,221,012 | 15.9 | 7.8 | 23.7 |
| 1945- | 1,841 | 15,170,456 | 15.6 | 8.0 | 23.6 |
| 1946- | 1,833 | 16,941,434 | 15.8 | 8.8 | 24.6 |
| 1947---- | 1,803 | 19,263,745 | 15.8 | 8.5 | 24.3 |
| 1948- | 1,806 | 20,769,410 | 16.4 | 8.7 | 25.1 |
| 1949- | 1,808 | 22,488,417 | 14.0 | 8.3 | 22.3 |
| $1950{ }^{4}$ | 1,776 | - $24,310,383$ | 14.7 | 8.4 | 23.1 |

[^7]Table F. - Farmers' Cooperatives: Types, number, and membership

| Type | Year or date <br> of data | Associations | Estimated members or participants |
| :---: | :---: | :---: | :---: |
| Production: |  |  |  |
| Mutual irrigation companies ${ }^{1}$. | 1950 | 9,374 | 148,496 |
| Dairy herd improvement associations ${ }^{2}$ | Jan. 1, 1952 | 2,109 | 40,105 |
| Dairy-cattle artificial breeding associations ${ }^{2}$ $\qquad$ | Jan. 1, 1952 | 1,648 | 543,397 |
| Grazing associations ${ }^{3}$ | June 30, 1951 | 30 | 1,311 |
| Indian enterprises ${ }^{4}$ | Dec. 31, 1950 | ${ }^{5} 219$ | 12,520 |
| Marketing and purchasing: |  |  |  |
| Marketing ${ }^{6}$ | 1950-51 | ${ }^{7} 6,507$ | 4,117,408 |
| Purchasing ${ }^{6}$ | 1950-51 | ${ }^{8} 3,208$ | 2,842,878 |
| Misce 11aneous services ${ }^{6} 9$ | 1950-51 | ${ }^{10} 262$ | 94,282 |
| Service: |  |  |  |
| National farm loan associations ${ }^{6}$ | Jan. 1, 1953 | 1,164 | 312,000 |
| Production credit associations ${ }^{6}$. | Jan. 1, 1953 | 499 | 477,000 |
| Banks for cooperatives ${ }^{6}$ | Jan. 1, 1953 | 13 | ${ }^{11} 3,168,000$ |
| Rural credit unions ${ }^{12}$ | Jan. 1, 1951 | 530 | 230,450 |
| Farmers' mutual fire insurance companies ${ }^{13}$ | 1950 | 1,800 | 3,500,000 |
| Mutual telephone companies ${ }^{14}$. | 1937 | 32,879 | 669,344 |
| Rural Electric Cooperatives ${ }^{15} \ldots .$. | June 30, 1952 | 932 | 3,588,506 |
| Rural health cooperatives ${ }^{16}$.........- | 1950 | 51 | ${ }^{17} 18,000$ |

${ }^{1}$ Seventeenth Census of the United States, 1950. Estimated membership from Sixteenth Census of the United States, 1940.
${ }^{2}$ Bureau of Dairy Industry, Department of Agricul ture.
${ }^{3}$ Grazing Service, Department of Interior.
${ }_{5}{ }^{4}$ office of Indian Affairs, Department of Interior
${ }^{5}$ There are 205 other Indian Corporate and Tribal Enterprises.
${ }_{7}$ Farm Credit Administration, Department of Agriculture.
7 When associations marketing farm products but principally engaged in providing some other services are included, the total is 7,276.
$8_{\text {When associations purchasing farm supplies but principally engaged in providing some other }}$ services are included, the total 1s 7,335.
${ }^{9}$ Includes general trucking, storage, grinding, cotton ginning, and livestock trucking.
10 When associations providing miscellaneous services but principally engaged in marketing or purchasing are included, the total is 4,144 .
${ }^{11}$ Estimated members of associations borrowing from banks for cooperatives.
${ }_{13}^{12}$ Bureau of Labor Statistics, Department of Labor.
${ }_{14}$ Farm Credit Administration estimates.
${ }^{14}$ Census of Electrical Industries, 1937 , Bureau of the Census. Number of associations includes 2,087 companies with switchboards and 30,812 without switchboards. Number of participants estimated from number of telephones, assuming 1 patron per telephone.
${ }^{15}$ Rural Electrification Administration, Department of Agriculture.
${ }_{17}{ }^{\text {Public }}$ Heal th Service, Federal Security Agency.
${ }^{17}$ Membersh1p reports for only 27 associations were avallable.


[^0]:    ${ }^{l_{\text {Large-scal }}}$ 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 2 are included.
    ${ }_{3}^{2}$ Includes associations marketing or ginning cotton and processing cotton products.
    ${ }_{4}^{3}$ Includes 195 milk bargaining associations, 160 of which reported.
    ${ }_{5}$ Includes 57 bargaining associations, 39 of which reported.
    ${ }_{6}$ Includes dry bean, rice, and soybean marketing and processing associations.
    ${ }^{6}$ Includes livestock marketing and trucking associations.
    ${ }_{8}^{7}$ Includes two meat processing associations.
    ${ }^{8}$ Includes associations handling forest products, fur pelts, honey, maple syrup, sugarcane and other commodities not specilied elsewhere.

[^1]:    ${ }^{8}$ Includes assoclations furnishing special marketing or related services.

[^2]:    $1^{1}$ This is not a complete figure for all stocker and feeder animals purchased for patrons in 1950-51 inasmuch as the questionnaire form supplying this information was not in use during the early part of the 1950-51 survey. It is expected that more complete figures will be avallable in the 1951-52 survey.
    ${ }^{2}$ Randell, C. O. Using Your Livestock Co-op, Circular E-7, Farm Credit Admin., 17 pp., 1952.

[^3]:    ${ }^{8}$ Includes forest products, fur pelts, honey, maple syrup, sugar cane, and other products not separately classifled.

[^4]:    ${ }^{9}$ Charges for services in walch no duplication occurs.

[^5]:    ${ }^{1}$ Includes independent local associations, federations, large-scale centralized associations, 2 and sal es agencies.
    ${ }^{2}$ Must statistics pertaining to farmers' marketing and purchasing cooperatives are now complled 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.
    3 Compiled from tables appearing in U. S. Dept. Agr. Bul. 547, 82 pp., 111us., 1917. See 4 pp. 14-25; and U. S. Dept. Agr. Tech. Bul. 40 , 98 Dp., illus., 1928. See pp. 70-75.
    ${ }_{5}$ Includes only associations reporting dollar business.
    5 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 193 $\beta^{-37}$.

[^6]:    ${ }^{11}$ Number of members not reported.
    13 Did not handle 1949 tobacco crod.

[^7]:    ${ }^{1}$ 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, ${ }_{2}$ FCA.
    ${ }^{2}$ 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.
    ${ }_{4}^{3}$ Number of companies for which data were obtained; perhaps not entirely complete for any year. ${ }^{4}$ Preliminary. Data for some companies not available at time of publication.

