

STATISTICS OF FARMERS'  
CO-OPERATIVE BUSINESS  
ORGANISATIONS.

1920-1935.

BY

R.H. Elsworth.

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By R. H. ELSWORTH

FARM CREDIT ADMINISTRATION

*Cooperative Division*

WASHINGTON, D. C.

BULLETIN No. 6

MAY 1936

# Farm Credit Administration

W. I. MYERS, *Governor*

Cooperative Division

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## *Purchasing Associations*

Joseph G. Knapp  
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William Collins

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Charles B. Bowling

The Research, Service, and Educational Staff conducts research studies and service activities relating to problems of management, organization, policies, merchandising, sales, costs, competition, and membership, arising in connection with the cooperative marketing of agricultural products and the cooperative purchase of farm supplies and services; publishes the results of such studies; confers and advises with officials of farmers' cooperative associations; and cooperates with educational agencies, cooperative associations and others in the dissemination of information relating to cooperative principles and practices.

Copies of this publication may be obtained upon request from the

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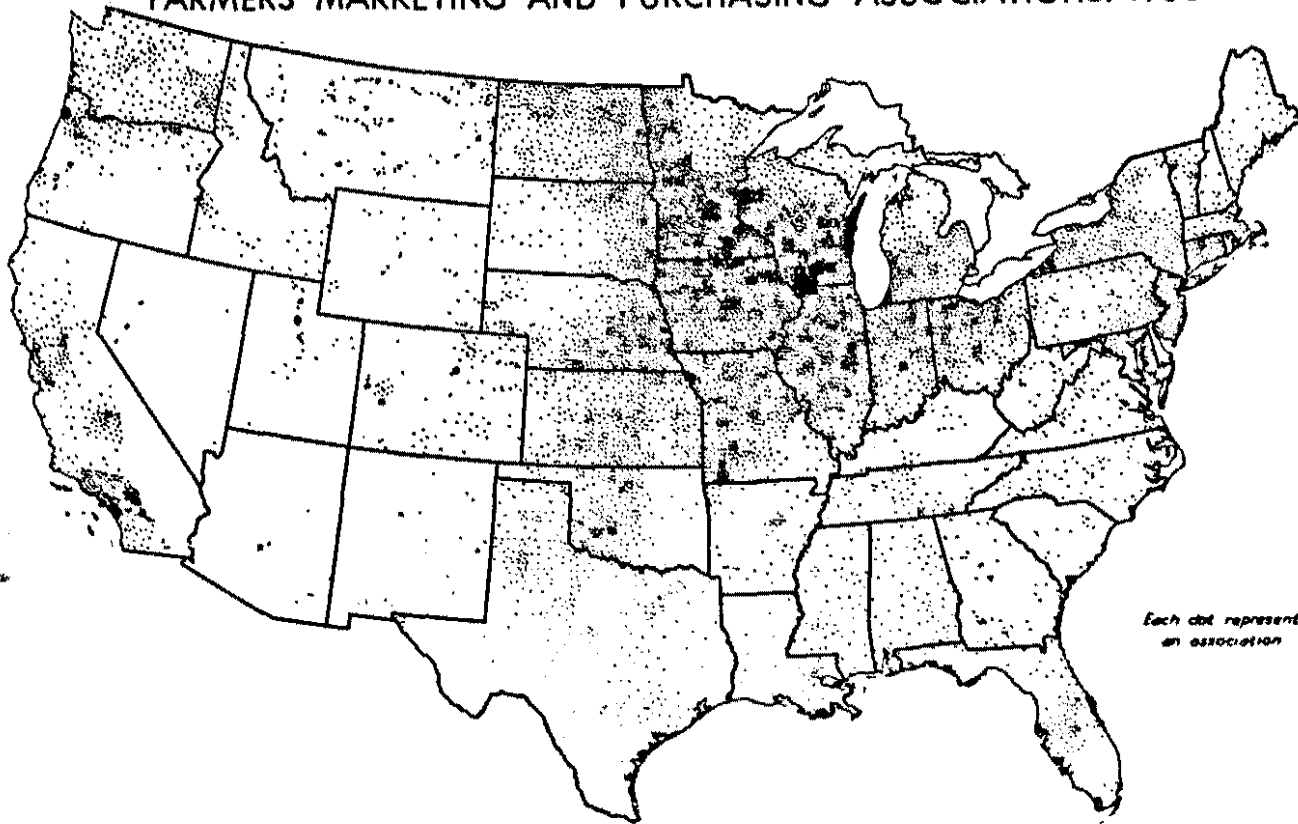
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## FARMERS' MARKETING AND PURCHASING ASSOCIATIONS. 1936



Farmers' cooperative marketing and purchasing associations operate in all the States and the District of Columbia. One-third of the active associations are in the three States of Wisconsin, Minnesota and Iowa.

## APPENDIX

TABLE 44.—FARMS REPORTING COOPERATIVE SALES, BY GEOGRAPHIC DIVISIONS AND STATES, 1919, 1924, AND 1929

Geographic division and State	Farms reporting			Amount of sales		
	1919	1924	1929	1919	1924	1929
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
United States.....	511, 383	884, 207	691, 895	721, 983, 639	858, 284, 387	892, 481, 491
New England.....	4, 060	10, 845	9, 170	5, 916, 681	20, 745, 326	21, 067, 579
Maine.....	1, 264	2, 555	755	1, 421, 022	3, 823, 291	871, 777
New Hampshire.....	122	428	461	120, 427	375, 303	675, 438
Vermont.....	1, 239	2, 745	4, 304	1, 449, 339	3, 876, 575	6, 807, 273
Massachusetts.....	747	2, 091	1, 448	1, 671, 099	4, 144, 690	4, 987, 958
Rhode Island.....	95	235	140	222, 078	570, 659	307, 824
Connecticut.....	593	2, 791	2, 062	1, 032, 666	7, 954, 808	7, 417, 309
Middle Atlantic.....	33, 854	39, 295	41, 068	61, 224, 128	50, 273, 909	72, 167, 465
New York.....	23, 494	26, 586	28, 015	44, 906, 247	37, 944, 517	52, 623, 182
New Jersey.....	2, 758	1, 401	1, 750	6, 603, 253	2, 309, 491	5, 271, 712
Pennsylvania.....	7, 602	11, 308	11, 303	9, 714, 628	10, 019, 901	14, 272, 571

TABLE 44.—FARMS REPORTING COOPERATIVE SALES, BY GEOGRAPHIC DIVISIONS AND STATES, 1919, 1924, AND 1929—Con.

Geographic division and State	Farms reporting			Amount of sales		
	1919	1924	1929	1919	1924	1929
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
East North Central.....	144, 339	205, 409	170, 992	132, 639, 450	145, 068, 090	150, 849, 215
Ohio.....	19, 952	39, 995	31, 067	18, 762, 020	27, 991, 322	26, 102, 644
Indiana.....	14, 638	28, 550	20, 461	12, 778, 040	17, 212, 911	16, 687, 604
Illinois.....	24, 797	52, 606	41, 857	47, 920, 487	52, 827, 619	48, 933, 674
Michigan.....	42, 104	38, 730	31, 331	24, 294, 688	19, 552, 039	16, 581, 237
Wisconsin.....	42, 848	45, 528	46, 276	28, 884, 215	27, 484, 199	42, 544, 056
West North Central.....	243, 288	303, 190	290, 199	300, 820, 976	292, 354, 272	310, 334, 418
Minnesota.....	78, 314	79, 891	95, 639	82, 760, 459	73, 260, 576	105, 965, 586
Iowa.....	43, 350	72, 639	58, 970	59, 403, 626	81, 290, 503	74, 635, 414
Missouri.....	17, 748	60, 860	47, 442	13, 474, 992	32, 574, 506	29, 448, 479
North Dakota.....	17, 438	12, 913	20, 382	24, 484, 558	17, 031, 768	20, 830, 641
South Dakota.....	20, 241	17, 769	18, 141	31, 651, 244	18, 651, 404	16, 409, 195
Nebraska.....	32, 543	28, 139	23, 397	44, 755, 140	32, 740, 682	26, 648, 713
Kansas.....	33, 654	30, 979	26, 228	44, 290, 957	36, 804, 833	36, 396, 390
South Atlantic.....	9, 517	90, 879	28, 662	20, 639, 686	73, 376, 620	41, 801, 737
Delaware.....	548	193	64	218, 034	121, 602	86, 138
Maryland.....	1, 865	6, 121	4, 533	3, 089, 200	7, 297, 676	6, 924, 827

TABLE 44.—FARMS REPORTING COOPERATIVE SALES, BY GEOGRAPHIC DIVISIONS AND STATES, 1919, 1924, AND 1929—Con.

Geographic division and State	Farms reporting			Amount of sales		
	1919	1924	1929	1919	1924	1929
Pacific.....	<i>Number</i> 35, 200	<i>Number</i> 51, 220	<i>Number</i> 61, 495	<i>Dollars</i> 151, 093, 831	<i>Dollars</i> 115, 871, 386	<i>Dollars</i> 197, 777, 816
Washington.....	5, 583	13, 205	16, 737	15, 356, 226	20, 564, 340	33, 338, 231
Oregon.....	3, 845	5, 590	8, 638	7, 746, 624	8, 061, 738	11, 366, 895
California.....	25, 772	32, 425	36, 120	127, 990, 981	87, 245, 308	153, 072, 690

Compiled from reports of the Bureau of the Census, U. S. Department of Commerce.

TABLE 45.—FARMS REPORTING COOPERATIVE PURCHASES BY GEOGRAPHIC DIVISIONS AND STATES, 1919, 1924, AND 1929

Geographic division and State	Farms reporting			Amount of purchases		
	1919	1924	1929	1919	1924	1929
United States.....	<i>Number</i> 329, 449	<i>Number</i> 362, 745	<i>Number</i> 410, 914	<i>Dollars</i> 84, 615, 669	<i>Dollars</i> 75, 971, 169	<i>Dollars</i> 125, 048, 597
New England.....	7, 579	10, 787	10, 897	3, 035, 806	5, 709, 116	8, 802, 124
Maine.....	3, 407	1, 896	1, 674	1, 498, 395	625, 998	928, 175
New Hampshire.....	946	1, 701	1, 647	246, 059	911, 434	1, 113, 317
Vermont.....	1, 672	3, 186	2, 632	510, 305	1, 485, 455	1, 512, 633



TABLE 45.—FARMS REPORTING COOPERATIVE PURCHASES BY GEOGRAPHIC DIVISIONS AND STATES, 1919, 1924, AND 1929—Con.

Geographic division and State	Farms reporting			Amount of purchases		
	1919	1924	1929	1919	1924	1929
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
South Atlantic.....	12, 230	20, 830	15, 866	2, 607, 639	4, 968, 028	6, 610, 674
Delaware.....	275	415	186	29, 554	135, 506	138, 492
Maryland.....	637	3, 817	3, 383	272, 420	909, 891	1, 178, 464
Virginia.....	5, 161	5, 768	3, 947	1, 205, 659	1, 256, 058	1, 474, 475
West Virginia.....	2, 203	2, 769	2, 268	218, 219	320, 138	389, 264
North Carolina.....	2, 976	2, 791	2, 158	421, 142	450, 013	483, 033
South Carolina.....	186	819	555	126, 190	335, 269	718, 361
Georgia.....	411	2, 388	1, 724	65, 446	304, 178	399, 988
Florida.....	381	2, 063	1, 645	269, 009	1, 256, 975	1, 828, 597
East South Central.....	5, 285	21, 293	15, 948	763, 054	2, 691, 511	2, 526, 309
Kentucky.....	2, 344	3, 308	1, 260	381, 406	503, 625	275, 814
Tennessee.....	1, 174	4, 490	2, 872	133, 270	445, 590	382, 158
Alabama.....	422	7, 640	7, 682	72, 287	1, 021, 328	1, 360, 428
Mississippi.....	1, 345	5, 855	4, 134	176, 091	720, 968	507, 909
West South Central.....	9, 332	17, 720	18, 421	2, 803, 314	2, 702, 699	3, 881, 814
Arkansas.....	1, 072	3, 910	2, 519	173, 722	459, 424	358, 232
Louisiana.....	1, 591	4, 393	6, 929	869, 389	782, 417	1, 365, 996
Oklahoma.....	4, 900	4, 878	5, 273	1, 106, 270	666, 886	950, 004

Texas.....	1, 769	4, 539	3, 700	653, 933	793, 972	1, 207, 582
Mountain.....	13, 875	8, 000	12, 298	3, 769, 213	1, 709, 581	3, 573, 028
Montana.....	2, 926	708	3, 034	871, 192	134, 927	821, 793
Idaho.....	2, 853	1, 040	2, 174	657, 952	144, 434	447, 462
Wyoming.....	611	512	581	137, 403	225, 785	218, 113
Colorado.....	5, 613	3, 703	3, 339	1, 658, 358	883, 318	804, 378
New Mexico.....	574	829	569	220, 026	138, 526	170, 487
Arizona.....	121	222	182	41, 170	64, 883	94, 937
Utah.....	1, 377	974	2, 284	183, 112	115, 952	979, 754
Nevada.....		12	135		1, 756	36, 104
Pacific.....	13, 662	15, 612	31, 272	8, 021, 497	9, 384, 978	24, 762, 846
Washington.....	5, 355	6, 500	11, 885	2, 710, 202	3, 470, 491	9, 005, 416
Oregon.....	2, 515	2, 858	4, 502	990, 166	1, 159, 743	1, 445, 269
California.....	5, 792	6, 254	14, 885	4, 321, 129	4, 754, 744	14, 312, 161

Compiled from reports of the Bureau of the Census, U. S. Department of Commerce.

TABLE 46.—FARMS REPORTING COOPERATIVE SALES AND, OR, PURCHASES BY GEOGRAPHIC DIVISIONS AND STATES, 1919, 1924, AND 1929

Geographic division and State	Farms reporting			Sales and purchases		
	1919	1924	1929	1919	1924	1929
United States.....	<i>Number</i> 624, 527	<i>Number</i> 987, 376	<i>Number</i> 824, 537	<i>Dollars</i> 806, 599, 308	<i>Dollars</i> 934, 255, 556	<i>Dollars</i> 1, 017, 530, 085
New England.....	10, 229	18, 458	16, 989	8, 952, 487	26, 454, 442	29, 869, 703
Maine.....	4, 062	3, 885	2, 093	2, 919, 417	4, 449, 289	1, 799, 952
New Hampshire.....	1, 027	1, 933	1, 912	366, 486	1, 286, 737	1, 788, 755
Vermont.....	2, 513	4, 886	5, 826	1, 959, 694	5, 362, 030	8, 319, 906
Massachusetts.....	1, 547	3, 653	3, 678	2, 192, 646	5, 606, 563	7, 532, 849
Rhode Island.....	145	348	241	252, 612	693, 329	479, 503
Connecticut.....	935	3, 753	3, 239	1, 261, 632	9, 056, 494	9, 948, 738
Middle Atlantic.....	45, 079	52, 710	57, 788	67, 417, 775	57, 650, 572	89, 038, 020
New York.....	27, 283	31, 957	38, 239	47, 177, 223	41, 871, 996	64, 031, 154
New Jersey.....	4, 282	2, 379	2, 810	8, 696, 958	3, 266, 244	7, 057, 002
Pennsylvania.....	13, 514	18, 374	16, 739	11, 543, 594	12, 512, 332	17, 949, 864
East North Central.....	173, 672	236, 552	216, 260	146, 945, 381	160, 756, 278	175, 297, 934
Ohio.....	30, 621	48, 127	41, 894	21, 959, 067	31, 581, 620	32, 270, 241
Indiana.....	19, 212	33, 905	30, 057	14, 544, 308	18, 986, 916	20, 151, 065
Illinois.....	28, 628	56, 518	46, 749	51, 254, 154	55, 806, 371	52, 759, 728

Michigan.....	47,021	47,446	44,206	26,740,641	23,158,689	22,378,494
Wisconsin.....	48,190	50,556	53,354	32,447,211	31,222,682	47,738,406
<b>West North Central.....</b>	<b>284,123</b>	<b>327,510</b>	<b>322,528</b>	<b>343,936,544</b>	<b>318,094,677</b>	<b>343,906,946</b>
Minnesota.....	81,145	82,419	98,981	89,402,621	77,104,190	112,379,818
Iowa.....	51,630	79,188	66,525	66,164,578	87,871,525	82,097,763
Missouri.....	25,496	66,637	54,761	16,439,706	37,162,104	35,954,638
North Dakota.....	19,814	13,479	22,739	28,325,369	18,394,641	22,452,906
South Dakota.....	22,517	19,341	20,967	35,235,015	20,102,616	18,488,631
Nebraska.....	40,333	31,331	27,670	54,415,247	36,455,919	31,090,188
Kansas.....	43,188	35,115	30,885	53,954,008	41,003,682	41,443,002
<b>South Atlantic.....</b>	<b>18,770</b>	<b>99,899</b>	<b>36,606</b>	<b>23,247,325</b>	<b>78,344,648</b>	<b>48,412,411</b>
Delaware.....	610	507	229	247,588	257,108	224,630
Maryland.....	2,177	8,283	6,139	3,361,620	8,207,567	8,103,291
Virginia.....	7,537	30,377	6,939	11,391,751	22,168,410	10,266,611
West Virginia.....	2,565	5,055	3,307	502,369	1,239,326	1,596,370
North Carolina.....	3,524	23,308	5,601	1,084,369	13,467,580	3,390,013
South Carolina.....	338	10,675	2,590	1,088,189	9,257,623	4,573,638
Georgia.....	586	13,705	5,759	956,051	9,385,770	4,059,986
Florida.....	1,433	7,989	6,042	4,615,388	14,361,264	16,197,872

TABLE 46.—FARMS REPORTING COOPERATIVE SALES AND, OR, PURCHASES BY GEOGRAPHIC DIVISIONS AND STATES, 1919, 1924, AND 1929—Continued

Geographic division and State	Farms reporting			Sales and purchases		
	1919	1924	1929	1919	1924	1929
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
East South Central.....	15, 488	97, 547	29, 501	6, 034, 055	52, 518, 710	16, 129, 175
Kentucky.....	4, 543	54, 506	5, 113	2, 812, 198	28, 018, 754	3, 012, 259
Tennessee.....	2, 121	16, 398	5, 232	740, 941	7, 627, 512	1, 763, 993
Alabama.....	2, 825	13, 744	11, 851	909, 785	8, 049, 975	5, 223, 888
Mississippi.....	5, 999	12, 899	7, 305	1, 571, 131	8, 822, 469	6, 129, 035
West South Central.....	18, 755	73, 259	47, 417	29, 737, 769	78, 426, 890	52, 059, 331
Arkansas.....	3, 144	10, 389	5, 110	4, 900, 213	7, 578, 521	3, 512, 124
Louisiana.....	4, 329	11, 079	8, 781	10, 585, 233	9, 336, 542	8, 441, 233
Oklahoma.....	7, 718	20, 753	23, 243	9, 161, 354	21, 521, 166	24, 439, 247
Texas.....	3, 564	31, 038	10, 283	5, 090, 969	39, 940, 661	15, 666, 727
Mountain.....	19, 697	26, 947	31, 483	21, 212, 644	36, 752, 975	40, 275, 906
Montana.....	3, 804	3, 069	6, 939	2, 409, 495	3, 215, 491	7, 552, 179
Idaho.....	3, 749	3, 734	7, 304	4, 057, 550	2, 856, 599	8, 158, 137
Wyoming.....	737	1, 403	2, 352	784, 151	1, 234, 697	2, 683, 999
Colorado.....	7, 789	11, 591	7, 423	10, 961, 704	21, 973, 774	9, 203, 796

New Mexico.....	1, 247	2, 348	1, 620	1, 267, 131	3, 392, 387	2, 701, 786
Arizona.....	224	674	710	435, 678	1, 578, 998	3, 047, 936
Utah.....	2, 145	4, 085	4, 554	1, 288, 635	2, 483, 685	5, 243, 671
Nevada.....	2	43	581	8, 300	17, 344	1, 684, 403
<b>Pacific.....</b>	<b>38, 714</b>	<b>54, 494</b>	<b>65, 965</b>	<b>159, 115, 328</b>	<b>125, 256, 364</b>	<b>222, 540, 662</b>
Washington.....	7, 457	14, 526	18, 461	18, 066, 428	24, 034, 831	42, 343, 647
Oregon.....	4, 842	6, 503	9, 671	8, 736, 790	9, 221, 481	12, 812, 164
California.....	26, 415	33, 465	37, 833	132, 312, 110	92, 000, 052	167, 384, 851

Compiled from reports of the Bureau of the Census, U. S. Department of Commerce.

TABLE 47.—PERCENTAGE OF ALL FARMS REPORTING SALES OR PURCHASES THROUGH COOPERATIVE ORGANIZATIONS, BY GEOGRAPHIC DIVISIONS AND STATES, 1919, 1924, AND 1929

Geographic division and State	Selling			Purchasing			Selling and purchasing		
	1919	1924	1929	1919	1924	1929	1919	1924	1929
	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent
United States.....	7.9	13.9	11.0	5.1	5.7	6.5	9.7	15.5	13.1
New England.....	2.6	6.8	7.3	4.8	6.8	8.7	6.5	11.6	13.6
Maine.....	2.6	5.1	1.9	7.1	3.8	4.3	8.4	7.8	5.4
New Hampshire.....	.6	2.0	3.1	4.6	8.1	11.0	5.0	9.2	12.8
Vermont.....	4.3	9.9	17.3	5.8	11.5	10.6	8.6	17.6	23.4
Massachusetts.....	2.3	6.3	5.7	3.2	6.8	11.3	4.8	10.9	14.4
Rhode Island.....	2.3	6.0	4.2	2.1	5.4	4.5	3.6	8.9	7.3
Connecticut.....	2.6	12.0	12.0	2.0	6.5	11.1	4.1	16.1	18.8
Middle Atlantic.....	8.0	9.4	11.5	4.2	5.9	8.6	10.6	12.6	16.2
New York.....	12.2	14.1	17.5	3.7	6.6	12.5	14.1	16.9	23.9
New Jersey.....	9.3	4.7	6.9	9.4	5.4	7.5	14.4	8.0	11.1
Pennsylvania.....	3.8	5.6	6.6	3.9	5.3	5.2	6.7	9.2	9.7
East North Central.....	13.3	19.5	17.7	7.7	9.8	11.9	16.0	22.5	22.4
Ohio.....	7.8	16.3	14.2	8.3	10.1	12.2	11.9	19.7	19.1
Indiana.....	7.1	14.6	11.3	4.9	7.4	10.3	9.4	17.3	16.6
Illinois.....	10.5	23.3	19.5	5.2	7.7	7.9	12.1	25.1	21.8
Michigan.....	21.4	20.1	18.5	9.2	13.1	17.0	23.9	24.7	26.1
Wisconsin.....	22.6	23.6	25.5	11.5	11.0	13.4	25.5	26.2	29.4
West North Central.....	22.2	27.3	26.1	15.1	12.7	14.4	25.9	29.5	29.0
Minnesota.....	43.9	42.4	51.6	16.6	13.8	21.4	45.5	43.8	53.4
Iowa.....	20.3	34.0	27.4	15.2	15.9	15.4	24.2	37.1	31.0
Missouri.....	6.7	23.4	18.5	6.8	12.8	12.5	9.7	25.6	21.4
North Dakota.....	22.4	17.0	26.1	16.2	7.3	14.2	25.5	17.7	29.2
South Dakota.....	27.1	22.3	21.8	18.4	11.1	13.4	30.2	24.3	25.2
Nebraska.....	26.2	22.0	18.1	22.0	12.1	11.7	32.4	24.5	21.4
Kansas.....	20.4	18.7	15.8	19.6	10.4	10.8	26.1	21.2	18.6

TABLE 47.—PERCENTAGE OF ALL FARMS REPORTING SALES OR PURCHASES THROUGH COOPERATIVE ORGANIZATIONS, BY GEOGRAPHIC DIVISIONS AND STATES, 1919, 1924, AND 1929—Continued

Geographic division and State	Selling			Purchasing			Selling and purchasing		
	1919	1924	1929	1919	1924	1929	1919	1924	1929
	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent
South Atlantic.....	0.8	8.2	2.7	1.1	1.9	1.5	1.6	9.0	3.5
Delaware.....	5.4	1.9	.7	2.7	4.0	1.9	6.0	4.9	2.4
Maryland.....	3.9	12.5	10.5	1.3	7.8	7.8	4.5	16.9	14.2
Virginia.....	2.1	14.2	2.6	2.8	3.0	2.3	4.0	15.7	4.1
West Virginia.....	.7	3.4	2.0	2.5	3.1	2.7	2.9	5.6	4.0
North Carolina.....	.3	7.8	1.6	1.1	1.0	.8	1.3	8.2	2.0
South Carolina.....	.1	6.1	1.6	.1	.5	.4	.2	6.2	1.6
Georgia.....	.1	5.4	2.0	.1	1.0	.7	.2	5.5	2.3
Florida.....	2.5	13.1	9.8	.7	3.5	2.8	2.7	13.5	10.2
East South Central.....	1.2	9.1	1.9	.5	2.1	1.5	1.5	9.7	2.8
Kentucky.....	1.3	20.8	1.9	.9	1.3	.5	1.7	21.1	2.1
Tennessee.....	.5	6.1	1.4	.5	1.8	1.2	.8	6.5	2.1
Alabama.....	1.0	4.8	2.8	.2	3.2	3.0	1.1	5.8	4.6
Mississippi.....	1.9	4.2	1.3	.5	2.3	1.3	2.2	5.0	2.3
West South Central.....	1.6	6.7	3.8	.9	1.7	1.7	1.9	7.2	4.3
Arkansas.....	1.2	4.0	1.9	.5	1.8	1.0	1.4	4.7	2.1
Louisiana.....	3.2	7.6	4.6	1.2	3.3	4.3	3.2	8.4	5.4
Oklahoma.....	3.1	9.7	10.7	2.6	2.5	2.6	4.0	10.5	11.4
Texas.....	.6	6.4	1.7	.4	1.0	.7	.8	6.7	2.1
Mountain.....	5.2	10.5	11.7	5.7	3.4	5.1	8.1	11.5	13.0
Montana.....	3.4	6.2	11.7	5.1	1.5	6.4	6.6	6.5	14.6
Idaho.....	5.5	8.1	16.9	6.3	2.6	5.2	8.9	9.2	17.5
Wyoming.....	2.3	7.9	13.4	3.9	3.3	3.6	4.7	9.0	14.7
Colorado.....	9.8	18.7	11.3	9.4	6.4	5.6	13.0	20.0	12.4
New Mexico.....	3.3	6.4	4.6	1.9	2.6	1.8	4.2	7.4	5.2
Arizona.....	1.8	4.8	4.5	1.2	2.1	1.3	2.2	6.2	5.0
Utah.....	4.4	14.5	15.4	5.4	3.7	8.4	8.4	15.7	16.8
Nevada.....	.1	1.0	15.7		.3	3.9	.1	1.1	16.9
Pacific.....	15.0	19.3	23.5	5.8	5.9	11.9	16.5	20.5	25.2
Washington.....	8.4	18.0	23.6	8.1	8.9	16.8	11.2	19.8	26.0
Oregon.....	7.7	10.0	15.7	5.0	5.1	8.2	9.6	11.6	17.5
California.....	21.9	23.8	26.6	4.9	4.6	11.0	22.4	24.5	27.9

Compiled from reports of the Bureau of the Census, U. S. Department of Commerce.



TABLE 48.—AVERAGE SALES AND PURCHASES TO, FROM, OR THROUGH, COOPERATIVE ORGANIZATIONS, FOR FARMS REPORTING BY GEOGRAPHIC DIVISIONS AND STATES, 1919, 1924, AND 1929

Geographic division and State	Sales			Purchases			Sales and purchases		
	1919	1924	1929	1919	1924	1929	1919	1924	1929
United States.....	<i>Dollars</i> 1, 412	<i>Dollars</i> 971	<i>Dollars</i> 1, 290	<i>Dollars</i> 257	<i>Dollars</i> 209	<i>Dollars</i> 304	<i>Dollars</i> 1, 292	<i>Dollars</i> 946	<i>Dollars</i> 1, 234
New England.....	1, 457	1, 913	2, 297	401	529	808	875	1, 433	1, 758
Maine.....	1, 124	1, 496	1, 155	440	330	554	719	1, 145	860
New Hampshire.....	987	877	1, 465	260	536	676	357	666	936
Vermont.....	1, 170	1, 412	1, 582	305	466	575	780	1, 097	1, 428
Massachusetts.....	2, 237	1, 982	3, 445	517	642	880	1, 417	1, 535	2, 048
Rhode Island.....	2, 338	2, 428	2, 199	355	576	1, 160	1, 742	1, 992	1, 990
Connecticut.....	1, 741	2, 850	3, 597	499	728	1, 329	1, 349	2, 413	3, 072
Middle Atlantic.....	1, 808	1, 279	1, 757	346	298	547	1, 496	1, 094	1, 541
New York.....	1, 911	1, 427	1, 878	320	314	572	1, 729	1, 310	1, 674
New Jersey.....	2, 394	1, 648	3, 012	748	596	940	2, 031	1, 373	2, 511
Pennsylvania.....	1, 278	886	1, 263	229	235	408	854	681	1, 072

East North Central.....	919	706	882	171	152	212	846	680	811
Ohio.....	940	700	840	150	145	231	717	656	770
Indiana.....	873	603	816	176	122	185	757	560	670
Illinois.....	1, 933	1, 004	1, 169	271	170	227	1, 790	987	1, 129
Michigan.....	577	505	529	135	144	202	569	488	506
Wisconsin.....	674	604	919	164	175	214	673	618	895
West North Central.....	1, 236	964	1, 069	260	183	210	1, 211	971	1, 066
Minnesota.....	1, 057	917	1, 108	224	147	162	1, 102	936	1, 135
Iowa.....	1, 370	1, 119	1, 266	208	193	225	1, 282	1, 110	1, 234
Missouri.....	759	535	621	165	138	203	645	558	657
North Dakota.....	1, 404	1, 319	1, 022	305	247	146	1, 430	1, 365	987
South Dakota.....	1, 564	1, 050	905	261	164	186	1, 565	1, 030	882
Nebraska.....	1, 375	1, 164	1, 139	353	240	294	1, 349	1, 164	1, 124
Kansas.....	1, 316	1, 188	1, 388	299	242	282	1, 249	1, 168	1, 342
South Atlantic.....	2, 169	807	1, 458	213	239	417	1, 239	784	1, 323
Delaware.....	398	630	1, 346	107	327	745	406	507	981
Maryland.....	1, 656	1, 192	1, 528	428	238	348	1, 544	991	1, 320
Virginia.....	2, 646	759	2, 001	234	218	374	1, 511	730	1, 480
West Virginia.....	455	296	731	99	116	172	196	245	483
North Carolina.....	780	587	631	142	161	224	308	578	605
South Carolina.....	4, 739	842	1, 561	678	409	1, 294	3, 219	867	1, 766
Georgia.....	4, 241	679	712	159	127	232	1, 631	685	705
Florida.....	3, 180	1, 690	2, 477	706	609	1, 112	3, 221	1, 798	2, 681

TABLE 48.—AVERAGE SALES AND PURCHASES TO, FROM, OR THROUGH, COOPERATIVE ORGANIZATIONS, FOR FARMS REPORTING BY GEOGRAPHIC DIVISIONS AND STATES, 1919, 1924, AND 1929—Continued

Geographic division and State	Sales			Purchases			Sales and purchases		
	1919	1924	1929	1919	1924	1929	1919	1924	1929
East South Central.....	<i>Dollars</i> 415	<i>Dollars</i> 547	<i>Dollars</i> 692	<i>Dollars</i> 144	<i>Dollars</i> 126	<i>Dollars</i> 158	<i>Dollars</i> 390	<i>Dollars</i> 538	<i>Dollars</i> 547
Kentucky.....	695	512	571	163	152	219	619	514	589
Tennessee.....	484	469	389	114	99	133	349	465	337
Alabama.....	313	618	531	171	134	177	322	586	441
Mississippi.....	265	757	1,386	131	123	123	262	684	839
West South Central.....	1,723	1,118	1,139	300	153	211	1,586	1,071	1,098
Arkansas.....	1,638	803	678	162	117	142	1,559	729	687
Louisiana.....	2,268	851	948	546	178	197	2,445	847	961
Oklahoma.....	1,347	1,095	1,082	226	137	180	1,187	1,037	1,051
Texas.....	1,785	1,318	1,709	370	175	326	1,428	1,287	1,524
Mountain.....	1,364	1,426	1,295	272	214	291	1,077	1,364	1,279
Montana.....	790	1,063	1,207	298	191	271	633	1,048	1,083
Idaho.....	1,455	829	1,097	248	139	206	1,082	765	1,117
Wyoming.....	1,748	820	1,150	225	441	375	1,064	880	1,141
Colorado.....	1,591	1,948	1,238	295	239	241	1,407	1,896	1,240

New Mexico.....	1, 074	1, 616	1, 754	383	167	300	1, 016	1, 445	1, 668
Arizona.....	2, 192	2, 895	4, 621	340	292	522	1, 945	2, 343	4, 293
Utah.....	981	627	1, 017	133	119	429	601	608	1, 151
Nevada.....	4, 150	400	3, 058	-----	146	267	4, 150	403	2, 899
Pacific.....	4, 292	2, 262	3, 216	587	601	792	4, 110	2, 299	3, 374
Washington.....	2, 751	1, 557	1, 992	506	534	758	2, 423	1, 655	2, 294
Oregon.....	2, 015	1, 442	1, 316	394	406	321	1, 804	1, 418	1, 325
California.....	4, 966	2, 691	4, 238	746	760	962	5, 009	2, 749	4, 424

Compiled from reports of the Bureau of the Census, U. S. Department of Commerce.

TABLE 49.—FARMERS' SELLING AND BUYING ASSOCIATIONS, ESTIMATED MEMBERSHIP, AND ESTIMATED BUSINESS, BY COMMODITY GROUPS, GEOGRAPHIC DIVISIONS, AND STATES, 1934-35 MARKETING SEASON

Geographic division and State	Cotton and cotton products			Dairy products			Forage crops			Fruits and vegetables			Grain 1			Livestock			Nuts		
	Associations listed, 1935 2	Estimated membership 2	Estimated business	Associations listed, 1935 2	Estimated membership 2	Estimated business	Associations listed, 1935 2	Estimated membership 2	Estimated business	Associations listed, 1935 2	Estimated membership 2	Estimated business	Associations listed, 1935 2	Estimated membership 2	Estimated business	Associations listed, 1935 2	Estimated membership 2	Estimated business	Associations listed, 1935 2	Estimated membership 2	Estimated business
	Number	Number	1,000 dollars	Number	Number	1,000 dollars	Number	Number	1,000 dollars	Number	Number	1,000 dollars	Number	Number	1,000 dollars	Number	Number	1,000 dollars	Number	Number	1,000 dollars
United States.....	308	255,000	100,000	2,300	750,000	440,000	29	6,900	1,830	1,082	158,000	200,000	2,125	580,000	315,000	1,197	410,000	175,000	52	14,800	11,300
New England.....				47	34,140	30,670				24	2,990	4,580									
Maine.....				2	200	220				11	400	1,000									
New Hampshire.....				2	130	220				1	40	120									
Vermont.....				28	7,660	9,120				1	70										
Massachusetts.....				10	21,500	15,410				9	2,200	3,330									
Rhode Island.....				2	1,300	130															
Connecticut.....				3	3,350	5,570				2	280	130									
Middle Atlantic.....				68	103,120	112,530				61	10,700	8,150	7	4,900	1,000	3	2,800	1,720			
New York.....				37	60,000	83,630				43	6,000	3,500	5	3,400	500	2	2,000	1,400			
New Jersey.....				2	120	160				9	3,500	2,650									
Pennsylvania.....				29	43,000	28,700				10	1,200	2,000	2	1,500	500	1	800	320			
East North Central.....				946	233,300	119,830	2	2,290	40	103	15,900	8,820	812	178,200	95,950	416	200,000	63,100			
Ohio.....				31	40,000	15,450				12	1,200	2,800	175	43,000	21,000	46	38,000	15,500			
Indiana.....				28	21,300	6,370				6	800	250	102	32,000	8,500	40	34,000	13,500			
Illinois.....				77	40,000	33,560	1	2,280	40	23	1,700	570	419	72,000	32,000	143	90,000	44,000			
Michigan.....				70	53,000	15,780	1	10		42	9,400	3,700	78	20,000	10,000	52	20,000	8,500			
Wisconsin.....				740	79,000	48,470				20	2,800	1,500	40	9,200	4,450	135	28,000	4,600			
West North Central.....	2			1,029	295,800	112,310	5	1,590	200	75	11,690	4,650	1,937	334,400	163,200	691	167,700	72,720			
Minnesota.....				634	122,000	68,880				22	3,800	500	287	60,000	26,000	261	58,000	20,000			
Iowa.....				273	84,500	33,050				3	3,550	90	237	62,000	42,000	241	50,000	24,000			
Missouri.....	2			14	14,000	8,470	1	300	100	34	3,650	1,200	117	28,000	16,000	79	28,000	17,500			

North Dakota.....			26	7,209	1,010	1	230	60	3	300	180	361	47,000	20,300	58	6,000	520				
South Dakota.....			27	18,800	2,820	1	660	30	2	1,540	340	218	40,800	8,900	25	5,300	2,500				
Nebraska.....			47	41,000	6,910	2	400	10	7	2,600	2,000	311	45,700	24,000	22	8,400	7,000				
Kansas.....			8	6,000	1,170				4	450	340	308	50,300	30,000	14	4,000	1,200				
<b>South Atlantic.....</b>	<b>28</b>	<b>37,200</b>	<b>10,960</b>	<b>20</b>	<b>11,680</b>	<b>14,000</b>				<b>152</b>	<b>19,550</b>	<b>23,600</b>	<b>5</b>	<b>1,100</b>	<b>850</b>	<b>26</b>	<b>6,900</b>	<b>1,030</b>	<b>11</b>	<b>1,650</b>	<b>630</b>
Delaware.....									1												
Maryland.....			8	4,150	5,530				6	650	260	3	1,000	850	1	2,500	600				
District of Columbia.....			1	1,170	5,330																
Virginia.....			10	2,300	1,350				10	4,600	2,800	2	100						2	350	130
West Virginia.....			1	50					5	140	470				20	3,800	320				
North Carolina.....	9	14,000	3,460	9	3,050	660			7	760	80				1						
South Carolina.....	4	11,200	3,500						11	1,500	1,400										
Georgia.....	15	12,000	4,000	5	870	610			13	4,000	1,600				2	400	10	9	1,500	800	
Florida.....				2	90	520			99	7,900	17,000				2	200	100				
<b>East South Central.....</b>	<b>19</b>	<b>105,500</b>	<b>39,920</b>	<b>20</b>	<b>7,400</b>	<b>3,530</b>	<b>4</b>	<b>1,300</b>	<b>210</b>	<b>61</b>	<b>11,450</b>	<b>2,250</b>	<b>2</b>	<b>110</b>		<b>15</b>	<b>13,900</b>	<b>2,120</b>	<b>1</b>	<b>500</b>	
Kentucky.....				2	1,350	1,960	3	1,200	200	12	5,200	970	1	60		4	5,000	1,400			
Tennessee.....		20,000	11,220	13	4,320	1,310				25	3,400	500	1	50		4	3,900	470			
Alabama.....	11	25,500	4,900	1	10					13	1,800	480				6	5,000	250	1	500	
Mississippi.....	6	50,000	23,800	4	1,720	280	1	100	10	11	1,050	200			1						
<b>West South Central:</b>	<b>247</b>	<b>110,200</b>	<b>45,710</b>	<b>18</b>	<b>6,890</b>	<b>2,560</b>	<b>1</b>	<b>200</b>	<b>90</b>	<b>103</b>	<b>12,600</b>	<b>4,800</b>	<b>127</b>	<b>28,370</b>	<b>24,700</b>	<b>6</b>	<b>3,900</b>	<b>3,220</b>	<b>5</b>	<b>120</b>	<b>10</b>
Arkansas.....	4	200	10							45	4,200	850	2	400	1,200	3	400	50			
Louisiana.....	4	18,000	12,000							27	3,640	2,400	2	1,200	2,500				1	10	
Oklahoma.....	103	42,000	11,700	11	4,750	1,390				3	300	50	84	20,000	11,000	1	1,500	1,400	1	10	
Texas.....	136	50,000	22,000	7	2,140	1,200	1	200	60	28	4,460	1,500	39	6,770	10,000	2	2,000	1,770	3	100	10
<b>Mountain.....</b>	<b>7</b>	<b>1,000</b>	<b>410</b>	<b>47</b>	<b>23,290</b>	<b>7,480</b>	<b>9</b>	<b>1,040</b>	<b>830</b>	<b>88</b>	<b>21,920</b>	<b>16,150</b>	<b>127</b>	<b>20,720</b>	<b>12,500</b>	<b>33</b>	<b>11,900</b>	<b>7,810</b>			
Montana.....				8	1,650	450	3	300	20	6	1,800	2,700	54	8,410	6,200	14	2,000	250			
Idaho.....				9	15,220	4,770	4	600	700	13	2,000	1,800	32	4,420	2,500	5	2,750	580			
Wyoming.....				5	740	210				3	400	70	5	1,200	300	1	150	30			
Colorado.....				13	3,170	970				41	10,500	8,500	27	5,000	1,700	7	5,000	6,350			
New Mexico.....	5	800	400	1	20	90	1	50	10	3	150	160	4	490	500						
Arizona.....	2	200	10	1	10	10	1	90	100	4	560	700									
Utah.....				10	2,480	980				17	6,600	2,200	5	1,200	1,300	6	2,000	600			
Nevada.....										1	10	20									
<b>Pacific.....</b>	<b>2</b>	<b>1,100</b>	<b>3,000</b>	<b>89</b>	<b>34,380</b>	<b>37,070</b>	<b>8</b>	<b>480</b>	<b>460</b>	<b>415</b>	<b>51,200</b>	<b>127,000</b>	<b>108</b>	<b>14,200</b>	<b>16,800</b>	<b>7</b>	<b>2,900</b>	<b>3,280</b>	<b>36</b>	<b>12,330</b>	<b>10,660</b>
Washington.....				25	16,130	9,820	1	50	20	48	6,200	10,000	61	9,000	9,550						
Oregon.....				38	9,500	6,170	3	130	40	55	8,600	8,000	25	2,700	1,750	3	1,000	300	7	1,700	600
California.....	2	1,100	3,000	26	8,650	21,070	4	300	400	312	36,400	109,000	22	2,500	5,500	4	1,900	2,980	29	10,630	10,660

<sup>1</sup> Including dry beans and rice.

<sup>2</sup> Including independent local associations, federations, large-scale centralized associations, sales agencies, and independent service-rendering associations but not subsidiaries nor associations renting unsold property.

<sup>3</sup> Including members, contract members, shareholders, shippers, consignors, and patrons.

TABLE 49.—FARMERS' SELLING AND BUYING ASSOCIATIONS, ESTIMATED MEMBERSHIP, AND ESTIMATED BUSINESS, BY COMMODITY GROUPS, GEOGRAPHIC DIVISIONS, AND STATES, 1934-35 MARKETING SEASON—Continued

Geographic division and State	Poultry and poultry products			Tobacco			Wool and mohair			Miscellaneous selling			Purchasing			Total		
	Associations listed, 1933 †	Estimated membership ‡	Estimated business	Associations listed, 1933 †	Estimated membership ‡	Estimated business	Associations listed, 1933 †	Estimated membership ‡	Estimated business	Associations listed, 1933 †	Estimated membership ‡	Estimated business	Associations listed, 1933 †	Estimated membership ‡	Estimated business	Associations listed, 1933 †	Estimated membership ‡	Estimated business
	Number	Number	1,000 dollars	Number	Number	1,000 dollars	Number	Number	1,000 dollars	Number	Number	1,000 dollars	Number	Number	1,000 dollars	Number	Number	1,000 dollars
United States.....	164	85,000	53,000	16	50,700	7,500	119	71,000	15,700	404	102,300	23,670	1,906	790,000	187,000	10,700	3,280,000	1,530,000
New England.....	10	3,220	2,320				3	600	210	14	2,000	790	76	71,600	19,800	174	114,550	58,370
Maine.....	1	50					1	400	10	1	120	60	25	7,900	2,120	41	8,070	2,410
New Hampshire.....	1	270	120										7	2,900	1,740	11	3,340	2,200
Vermont.....													1	200	40	35	9,290	9,740
Massachusetts.....	3	1,100	700				2	300	300	5	1,360	620	14	58,000	14,350	43	82,320	34,050
Rhode Island.....										1	120	10	3			3	1,420	140
Connecticut.....	5	1,800	1,500							2	80	40	29	2,600	1,350	41	8,110	8,790
Middle Atlantic.....	23	16,700	4,410	2	180	50	33	4,000	220	22	5,400	1,390	244	64,200	39,600	463	212,000	169,000
New York.....	9	11,000	1,850				7	400	40	8	1,400	200	143	40,000	33,400	255	124,200	124,520
New Jersey.....	9	3,900	1,600							9	2,700	850	24	10,200	2,000	53	20,420	8,290
Pennsylvania.....	5	1,800	960	2	180	50	26	3,600	180	5	1,300	340	75	14,000	3,200	155	67,380	26,310
East North Central.....	13	3,900	920	4	9,820	1,590	6	14,200	1,180	79	19,530	5,260	418	244,000	44,550	2,799	919,440	261,220
Ohio.....	4	900	320	2	2,000	90	1	7,000	760	9	3,600	500	55	32,000	7,450	333	167,600	62,990
Indiana.....	4	1,100	230				2	3,700	150	8	2,200	800	75	65,000	10,000	265	190,100	40,000
Illinois.....	4	1,800	270							8	1,850	160	86	70,000	11,100	761	299,530	141,700
Michigan.....							1	1,000	120	33	6,200	2,600	45	20,000	4,350	329	128,610	42,060
Wisconsin.....	1	200	90	2	7,820	1,500	2	2,500	130	21	8,300	1,200	157	57,000	11,550	1,113	192,300	73,660
West North Central.....	20	11,370	4,620				12	30,900	2,910	131	29,120	8,040	784	283,900	46,900	4,695	1,166,470	418,550
Minnesota.....	4	1,100	420				3	3,500	300	9	2,700	550	196	80,000	12,600	1,414	332,100	122,450
Iowa.....	4	950	170				3	4,500	340	8	1,180	360	131	56,000	6,800	1,000	259,690	108,420
Missouri.....	16	8,000	3,000				3	13,000	860	94	21,000	6,300	128	43,000	12,500	479	174,150	61,980

North Dakota.....	2	1,100	10			2	4,400	610		3	200	10	59	22,300	2,950	513	87,630	25,640
South Dakota.....	1					1	3,800	800		3	1,000	300	41	12,700	1,760	320	82,100	17,450
Nebreska.....	2	220	20							5	950	60	137	51,500	6,100	534	150,770	45,100
Kansas.....										9	1,090	440	82	18,400	3,000	432	80,240	36,150
<b>South Atlantic.....</b>	<b>15</b>	<b>1,200</b>	<b>310</b>	<b>3</b>	<b>14,500</b>	<b>4,230</b>	<b>7</b>	<b>5,230</b>	<b>310</b>	<b>34</b>	<b>8,540</b>	<b>2,020</b>	<b>83</b>	<b>39,900</b>	<b>7,830</b>	<b>400</b>	<b>147,650</b>	<b>66,770</b>
Delaware.....																1		
Maryland.....				1	6,000	2,400	1	230	10	3	100	80	15	3,800	1,100	38	18,430	10,820
District of Columbia.....	1	10	20													2	1,180	5,350
Virginia.....	3	160	50	1	8,200	830	3	3,000	210	3	500	50	34	20,000	4,450	68	39,210	9,870
West Virginia.....	1	20								1	280	30	7	7,000	870	38	13,290	1,880
North Carolina.....	9	1,000	240	1	300	1,000				19	6,600	1,850	18	5,800	740	73	31,510	7,730
South Carolina.....																15	12,700	4,900
Georgia.....										3	810	110	3	3,000	320	50	23,580	7,150
Florida.....	1	10								5	250	200	6	300	650	115	8,760	19,370
<b>East South Central.....</b>	<b>6</b>	<b>2,280</b>	<b>100</b>	<b>7</b>	<b>25,500</b>	<b>1,630</b>	<b>16</b>	<b>3,840</b>	<b>340</b>	<b>60</b>	<b>28,850</b>	<b>3,710</b>	<b>53</b>	<b>15,800</b>	<b>2,010</b>	<b>204</b>	<b>216,530</b>	<b>55,820</b>
Kentucky.....	1	120	10	5	15,500	970	6	2,200	190				8	2,500	170	42	23,140	5,870
Tennessee.....	1	1,400	70	2	10,000	660	8	1,500	130	10	1,850	310	10	6,000	220	76	62,420	14,890
Alabama.....	4	850	20				2	140	20	26	15,000	1,500	27	5,300	1,300	91	84,100	8,870
Mississippi.....										24	12,000	1,800	8	2,000	320	65	66,870	26,490
<b>West South Central.....</b>	<b>10</b>	<b>3,320</b>	<b>200</b>				<b>11</b>	<b>3,850</b>	<b>1,090</b>	<b>25</b>	<b>4,350</b>	<b>1,330</b>	<b>79</b>	<b>24,100</b>	<b>5,080</b>	<b>633</b>	<b>197,900</b>	<b>68,790</b>
Arkansas.....							1			4	550	200	9	1,400	520	98	7,150	2,830
Louisiana.....	2						1	260	130	6	2,000	380	2	5,000	310	45	30,200	17,720
Oklahoma.....	2	320	10							3	600	100	20	8,000	1,500	228	75,460	27,120
Texas.....	6	3,000	190				9	3,500	960	13	1,200	650	48	11,700	2,750	292	85,070	41,120
<b>Mountain.....</b>	<b>44</b>	<b>17,310</b>	<b>9,110</b>				<b>28</b>	<b>5,720</b>	<b>7,600</b>	<b>23</b>	<b>10,080</b>	<b>670</b>	<b>87</b>	<b>22,950</b>	<b>4,030</b>	<b>493</b>	<b>136,940</b>	<b>66,490</b>
Montana.....	19	3,300	240				9	1,700	1,800	5	110	10	45	9,200	1700	163	28,470	13,370
Idaho.....	4	2,000	940				7	1,000	920	3	1,160	10	8	4,000	650	85	33,150	12,570
Wyoming.....	6	980	50				4	900	820	1	1,100	280	6	1,400	290	31	6,870	2,050
Colorado.....	8	5,700	510				3	1,000	1,200	6	8,000	150	16	6,200	870	121	42,570	20,250
New Mexico.....							2	320	800	1	150		5	1,500	380	22	3,480	2,340
Arizona.....	1	60	20				1	120	580	3	50	60	3	200	120	16	1,260	1,600
Utah.....	2	5,000	7,590				1	630	1,240	3	1,500	50	2	400	10	46	10,710	13,970
Nevada.....	4	270	60				1	50	240	1	10		2	60	10	9	400	240
<b>Pacific.....</b>	<b>14</b>	<b>25,600</b>	<b>30,010</b>				<b>3</b>	<b>2,660</b>	<b>1,860</b>	<b>16</b>	<b>1,130</b>	<b>560</b>	<b>82</b>	<b>23,540</b>	<b>17,260</b>	<b>779</b>	<b>169,520</b>	<b>247,900</b>
Washington.....	3	16,300	13,220				1	100	380	4	380	60	55	11,500	2,900	198	59,860	45,940
Oregon.....	5	700	1,930				1	2,460	1,200	5	250	200	14	5,340	800	158	32,480	21,050
California.....	6	8,600	14,850				1	100	300	6	500	300	13	6,700	13,500	428	77,380	180,910

† Including independent local associations, federations, large-scale centralized associations, sales agencies, and independent service-rendering associations but not subsidiaries nor associations renting unsold property.

‡ Including members, contract members, shareholders, shippers, consignors, and patrons.



TABLE 50.—FARMERS' SELLING AND BUYING ASSOCIATIONS, ESTIMATED MEMBERSHIP, AND ESTIMATED BUSINESS, BY FARM CREDIT DISTRICTS, 1934-35 MARKETING SEASON

District and State	Associations listed 1935 <sup>1</sup>		Membership 1934-35 <sup>1</sup>		Estimated business 1934-35 marketing season	
	Number 10, 700	Per- cent 100. 0	Number 3, 280, 000	Per- cent 100. 0	1,000 dollars 1, 530, 000	Per- cent 100. 0
United States.....	10, 700	100. 0	3, 280, 000	100. 0	1, 530, 000	100. 0
District 1.....	482	4. 5	259, 170	7. 9	191, 150	12. 5
Maine.....	41		9, 070		3, 410	
New Hampshire.....	11		3, 340		2, 200	
Vermont.....	35		9, 290		9, 780	
Massachusetts.....	43		83, 320		34, 050	
Rhode Island.....	3		1, 420		140	
Connecticut.....	41		8, 110		8, 790	
New York.....	255		124, 200		124, 520	
New Jersey.....	53		20, 420		8, 260	
District 2.....	302	2. 8	139, 490	4. 3	63, 930	4. 2
Pennsylvania.....	155		67, 380		36, 310	
Delaware.....	1					
Maryland.....	38		18, 430		10, 820	
Dist. of Columbia.....	2		1, 180		5, 350	
Virginia.....	68		39, 210		9, 870	
West Virginia.....	38		13, 290		1, 580	
District 3.....	253	2. 4	75, 540	2. 3	38, 150	2. 5
North Carolina.....	73		31, 510		7, 730	
South Carolina.....	15		12, 700		4, 900	
Georgia.....	50		22, 580		7, 150	
Florida.....	115		8, 750		18, 370	
District 4.....	718	6. 7	423, 260	12. 9	124, 740	8. 1
Ohio.....	335		167, 600		63, 980	
Indiana.....	265		160, 100		40, 000	
Kentucky.....	42		33, 140		5, 870	
Tennessee.....	76		62, 420		14, 890	
District 5.....	191	1. 8	151, 170	4. 6	52, 780	3. 4
Alabama.....	91		54, 100		8, 570	
Mississippi.....	55		66, 870		26, 490	
Louisiana.....	45		30, 200		17, 720	

See footnotes at end of table.

TABLE 50.—FARMERS' SELLING AND BUYING ASSOCIATIONS, ESTIMATED MEMBERSHIP, AND ESTIMATED BUSINESS, BY FARM CREDIT DISTRICTS, 1934-35 MARKETING SEASON—Continued

District and State	Associations listed 1935 <sup>1</sup>		Membership 1934-35 <sup>2</sup>		Estimated business 1934-35 marketing season	
	Number	Per cent	Number	Per cent	1,000 dollars	Per cent
District 6.....	1,308	12.2	450,930	13.7	206,460	13.5
Illinois.....	761	-----	269,630	-----	141,700	-----
Missouri.....	479	-----	174,150	-----	61,930	-----
Arkansas.....	68	-----	7,150	-----	2,830	-----
District 7.....	3,367	31.5	741,840	22.6	263,630	17.2
Michigan.....	320	-----	129,610	-----	42,050	-----
Wisconsin.....	1,118	-----	192,500	-----	73,490	-----
Minnesota.....	1,416	-----	332,100	-----	122,450	-----
North Dakota.....	513	-----	87,630	-----	25,640	-----
District 8.....	1,885	17.6	499,220	15.2	172,430	11.3
Iowa.....	1,000	-----	259,480	-----	106,830	-----
South Dakota.....	320	-----	82,100	-----	17,450	-----
Nebraska.....	534	-----	150,770	-----	46,100	-----
Wyoming.....	31	-----	6,870	-----	2,050	-----
District 9.....	804	7.5	201,770	6.2	85,860	5.6
Kansas.....	433	-----	80,240	-----	36,150	-----
Oklahoma.....	228	-----	75,480	-----	27,120	-----
Colorado.....	121	-----	42,570	-----	20,250	-----
New Mexico.....	22	-----	3,480	-----	2,340	-----
District 10.....	292	2.7	85,070	2.6	41,120	2.7
Texas.....	292	-----	85,070	-----	41,120	-----
District 11.....	496	4.7	98,780	3.0	196,820	12.9
Arizona.....	16	-----	1,290	-----	1,600	-----
Utah.....	46	-----	19,710	-----	13,970	-----
Nevada.....	9	-----	400	-----	340	-----
California.....	425	-----	77,380	-----	180,910	-----
District 12.....	602	5.6	153,760	4.7	92,930	6.1
Montana.....	163	-----	28,470	-----	13,370	-----
Idaho.....	85	-----	33,150	-----	12,570	-----
Washington.....	198	-----	59,660	-----	45,940	-----
Oregon.....	156	-----	32,480	-----	21,050	-----

<sup>1</sup> Including independent local associations, federations, large-scale centralized associations, sales agencies, and independent service-rendering associations, but not including subsidiaries, nor associations only renting unsold property.

<sup>2</sup> Includes members, contract members, shareholders, shippers, consignors, and patrons.

TABLE 51.—GRAIN HANDLED BY FARMERS' LOCAL ASSOCIATIONS AND AVERAGE QUANTITY PER ASSOCIATION, BY STATES, 1934-35 MARKETING SEASON

State	Local associations listed	Wheat			Corn			Oats		
		Associations reporting	Quantity	Average	Associations reporting	Quantity	Average	Associations reporting	Quantity	Average
	Number	Number	Bushels	Bushels	Number	Bushels	Bushels	Number	Bushels	Bushels
California.....	20	1	185,960	185,960				1	15,000	15,000
Colorado.....	26	6	283,255	47,042	6	603,491	100,582	3	3,812	1,267
Idaho.....	32	2	124,000	62,000				2	23,000	11,500
Illinois.....	415	134	4,563,538	34,280	163	19,683,616	120,758	159	3,173,333	19,968
Indiana.....	101	22	633,068	28,867	22	535,918	24,360	20	196,478	9,824
Iowa.....	336	41	412,673	10,073	120	16,748,532	139,571	122	3,268,848	27,040
Kansas.....	305	120	9,943,883	82,866	49	850,185	17,351	46	198,091	4,198
Kentucky.....	1	1	52,036	52,036	1	5,599	5,599	1	107	107
Maryland.....	2	1	50,000	50,000	1	10,000	10,000			
Michigan.....	78	13	358,145	27,559	9	55,525	6,169	11	186,941	17,267
Minnesota.....	262	70	2,165,576	30,937	89	3,070,004	52,034	79	2,510,783	31,782
Missouri.....	113	29	1,100,189	37,938	17	150,010	8,824	13	14,644	1,126
Montana.....	51	19	2,533,069	133,320	2	4,501	2,250	7	742,298	106,084
Nebraska.....	303	106	3,431,848	32,376	92	5,690,238	61,850	71	213,991	3,014
North Dakota.....	343	124	3,579,508	28,967	15	78,647	5,256	51	490,186	9,611
Ohio.....	173	54	2,180,700	40,383	51	1,849,067	36,256	51	636,734	12,485
Oklahoma.....	78	39	4,782,909	122,639	10	20,335	2,034	22	204,361	9,289
Oregon.....	35	4	304,505	76,126						
Pennsylvania.....	2	1	108,344	108,344	1	80,952	80,952	1	25,583	25,581
South Dakota.....	216	49	229,373	4,681	34	1,077,314	31,686	40	503,485	12,617
Texas.....	38	13	1,960,498	151,500				1	300	300
Washington.....	60	14	2,659,763	182,843	1	5,923	5,923	9	83,477	9,275
Wisconsin.....	40	10	7,497	750	7	27,409	3,916	12	87,757	7,313
Wyoming.....	5	1	6,951	6,951	1	281	281	1	288	288
<b>Total.....</b>	<b>3,009</b>	<b>874</b>	<b>41,604,626</b>	<b>47,603</b>	<b>661</b>	<b>80,556,747</b>	<b>76,585</b>	<b>733</b>	<b>12,772,436</b>	<b>17,668</b>

State	Rye			Barley			Flax			Total <sup>1</sup>		
	Associa- tions re- porting	Quantity	Average	Associa- tions re- porting	Quantity	Average	Associa- tions re- porting	Quantity	Average	Associa- tions re- porting	Quantity	Average
	Number	Bushels	Bushels	Number	Bushels	Bushels	Number	Bushels	Bushels	Number	Bushels	Bushels
California.....				1	17,000	17,000				1	218,960	218,960
Colorado.....	4	14,372	3,593	4	7,071	1,768				8	922,171	153,695
Idaho.....				2	3,500	1,750				2	194,600	97,250
Illinois.....	31	44,462	1,434	21	54,740	2,607				170	20,762,805	175,016
Indiana.....	10	8,935	894	1	234	234				22	1,387,748	63,079
Iowa.....	16	9,072	567	65	495,820	7,628	4	1,873	468	126	21,116,484	167,591
Kansas.....	3	8,300	1,100	6	8,223	1,370	2	1,400	700	138	12,774,339	92,668
Kentucky.....				1	428	428				1	58,170	58,170
Maryland.....										1	60,000	60,000
Michigan.....	10	14,897	1,490	8	70,273	8,784				13	822,567	63,274
Minnesota.....	57	162,002	2,842	78	2,196,763	28,164	71	567,736	7,990	85	11,636,877	135,724
Missouri.....	8	3,110	389	1	100	100				20	1,271,673	43,851
Montana.....	4	76,035	19,009	5	592,233	118,447	9	16,134	1,793	19	3,964,230	208,644
Nebraska.....	21	22,689	1,080	21	27,821	1,315				114	9,497,144	83,308
North Dakota.....	53	195,159	3,682	78	1,050,705	13,471	88	154,470	1,755	120	3,969,107	32,993
Ohio.....	23	21,638	941	11	11,597	1,054				54	4,955,222	91,763
Oklahoma.....	2	512	256	9	39,139	4,349				39	5,071,829	130,047
Oregon.....	1	300	300	1	650	650				4	305,455	76,364
Pennsylvania.....	1	18,662	18,662	1	6,629	6,629				1	249,169	249,169
South Dakota.....	29	33,908	1,169	41	260,939	6,364	21	50,809	2,419	61	2,171,064	35,591
Texas.....	2	1,200	600	3	3,858	1,286				13	1,993,633	153,356
Washington.....	1	1,100	1,100	4	9,541	2,385				14	2,714,928	193,923
Wisconsin.....	9	21,439	2,382	11	289,269	26,387	1	20	20	12	543,620	45,302
Wyoming.....				1	126	126				1	7,646	7,646
Total.....	285	652,792	2,290	374	5,246,449	14,028	199	792,442	4,043	1,046	115,540,041	110,468

<sup>1</sup> Includes seeds, beans, and grains not classified as to kind.

TABLE 52.—LIVESTOCK HANDLED, SALES AND PURCHASES BY COOPERATIVE SALES AGENCIES AT TERMINAL LIVESTOCK MARKETS, 1934

Market	Agen- cies <sup>1</sup>	Livestock received 1934 <sup>2</sup>				Livestock purchased <sup>3</sup>			
		Cattle and calves	Hogs	Sheep	Total	Cattle and calves	Hogs	Sheep	Total
	Number	Number	Number	Number	Number	Number	Number	Number	Number
Baltimore.....	1	9, 019	14, 333	9, 000	32, 352	500			500
Buffalo.....	1	52, 832	218, 358	159, 961	431, 151	97	3, 610		3, 707
Chicago.....	2	266, 110	718, 722	424, 281	1, 409, 113	13, 240		35, 550	48, 790
Cincinnati.....	1	85, 341	363, 262	97, 633	546, 236				
Cleveland.....	1	50, 590	62, 546	60, 740	173, 876				
Columbus.....	1	34, 385	73, 567	103, 372	211, 324				
Denver.....	2	70, 883	114, 230	488, 173	673, 286	6, 149	1, 034	51, 857	59, 040
Detroit.....	1	85, 941	57, 703	133, 395	277, 039	18, 172	19, 127	79, 340	116, 639
East St. Louis.....	2	310, 000	889, 328	164, 036	1, 363, 364	6, 247	12	351	6, 610
Evansville.....	1	30, 683	90, 388	14, 250	135, 321	2, 412		10, 026	12, 438
Fort Worth.....	1	65, 224	11, 763	62, 019	139, 006	1, 782	291	2, 586	4, 659
Indianapolis.....	1	97, 940	519, 584	152, 611	770, 135	7, 094	89	277	7, 460
Jersey City.....	1	3, 725		71, 126	74, 851	600			600
Kansas City.....	2	159, 558	182, 099	127, 694	469, 351	36, 866	3, 793	5, 356	46, 015
Lancaster.....	1	5, 297		56	5, 353	500			500
Louisville.....	1	22, 662	38, 811	35, 055	96, 528			15, 796	15, 796
Milwaukee.....	1	167, 353	100, 400	24, 477	292, 230				
Montgomery.....	1	13, 337	292	899	14, 528	378			378
Muncie.....	1	13, 286	53, 805	10, 380	77, 471				
Nashville.....	1	14, 814	6, 754	16, 017	37, 585				

Ogden.....	1	1, 246	2, 126	39, 940	43, 312	122	312	5, 742	6, 176
Oklahoma City.....	1	40, 296	25, 383	17, 477	83, 156	3, 285	37	1, 187	4, 509
Omaha.....	1	86, 222	387, 476	189, 545	663, 243	885	232	28, 354	29, 471
Peoria.....	1	24, 317	216, 380	19, 158	259, 855	-----	-----	-----	-----
Pittsburgh.....	1	22, 013	115, 664	110, 408	248, 085	-----	-----	-----	-----
St. Joseph.....	2	98, 893	302, 339	87, 816	469, 048	7, 684	777	7, 040	15, 501
St. Paul.....	4	511, 727	851, 532	389, 773	1, 753, 032	8, 975	5, 887	80, 328	95, 190
San Francisco.....	1	3, 706	25	1, 169	4, 900	-----	-----	-----	-----
Sioux City.....	3	90, 767	455, 514	146, 334	692, 615	8, 777	429	15, 801	25, 007
Sioux Falls.....	2	36, 497	113, 718	38, 416	183, 631	2, 084	131	300	2, 515
Springfield, Ill.....	1	3, 743	79, 208	1, 176	84, 127	-----	-----	-----	-----
Springfield, Mo.....	1	39, 301	49, 776	10, 933	100, 010	-----	-----	-----	-----
Wichita.....	1	31, 002	38, 189	7, 348	76, 539	5, 119	364	644	6, 127
Total, 33 markets.....	44	2, 548, 710	6, 153, 275	3, 189, 668	11, 891, 653	130, 968	36, 125	340, 535	507, 628

<sup>1</sup> As here used an agency is a complete operating unit. Some associations maintain agencies on more than one market.

<sup>2</sup> On terminal market.

TABLE 52.—LIVESTOCK HANDLED, SALES AND PURCHASES BY COOPERATIVE SALES AGENCIES AT TERMINAL LIVESTOCK MARKETS, 1934—Continued

Market	Livestock handled for traders	Livestock sold or purchased in the country	Total livestock handled	Sales <sup>1</sup>	Purchases <sup>2</sup>	Trader transactions <sup>3</sup>	Country transactions	Total business
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Baltimore.....			32, 852	517, 827	25, 096			542, 923
Buffalo.....	75		434, 933	4, 622, 086	24, 992			4, 647, 078
Chicago.....	19, 698		1, 477, 601	23, 006, 075	319, 143	306, 540		23, 631, 758
Cincinnati.....	1, 439		547, 675	5, 829, 599		17, 120		5, 846, 719
Cleveland.....			173, 876	1, 905, 213				1, 905, 213
Columbus.....			211, 324	2, 167, 164				2, 167, 164
Denver.....		99, 330	831, 626	5, 667, 535	333, 693		334, 094	6, 335, 322
Detroit.....	279		393, 957	2, 586, 208	818, 081	5, 100		3, 409, 389
East St. Louis.....	11, 130		1, 381, 104	14, 618, 635	203, 228			14, 821, 863
Evansville.....			147, 759	1, 428, 020	67, 147			1, 495, 167
Fort Worth.....	1, 135	41, 387	186, 187	1, 703, 660	44, 676	17, 597		1, 765, 933
Indianapolis.....	3, 937	9, 597	791, 129	8, 914, 757	207, 003	116, 329		9, 238, 089
Jersey City.....			75, 451	656, 415	50, 082			706, 497
Kansas City.....	4, 171	20, 362	539, 899	7, 475, 096	1, 032, 400	44, 620	528, 352	9, 080, 468
Lancaster.....			5, 853	136, 456	25, 604			162, 060
Louisville.....			112, 324	879, 163	102, 640			981, 803
Milwaukee.....			292, 230	2, 868, 437				2, 868, 437
Montgomery.....			14, 906	180, 221	5, 672			185, 893
Muncie.....			77, 471	791, 244				791, 244

Nashville.....			37, 585	406, 863				406, 863
Ogden.....		41, 165	90, 653	229, 841	26, 018		180, 091	435, 950
Oklahoma City.....		67, 920	155, 585	1, 109, 243	108, 009		176, 950	1, 394, 202
Omaha.....	3, 555	46, 475	742, 744	8, 033, 659	111, 266		209, 589	8, 354, 514
Peoria.....			259, 855	2, 614, 103				2, 614, 103
Pittsburgh.....			248, 086	1, 216, 152				1, 216, 152
St. Joseph.....	7, 512	809	492, 870	6, 400, 682	220, 897	99, 063	7, 155	6, 727, 797
St. Paul.....	6, 094	13, 478	1, 867, 794	18, 176, 509	467, 993	5, 000	92, 654	18, 742, 156
San Francisco.....			4, 900	189, 449				189, 449
Sioux City.....	15, 988	266	733, 876	8, 617, 180	353, 031	47, 495	4, 671	9, 022, 377
Sioux Falls.....	396	2, 825	189, 367	2, 289, 873	26, 258			2, 316, 131
Springfield, Ill.....			84, 127	833, 476				833, 476
Springfield, Mo.....			100, 010	747, 563				747, 563
Wichita.....			82, 666	1, 059, 035	110, 054			1, 169, 089
<b>Total, 33 markets.....</b>	<b>75, 409</b>	<b>343, 584</b>	<b>12, 818, 274</b>	<b>137, 877, 439</b>	<b>4, 682, 983</b>	<b>658, 864</b>	<b>1, 533, 556</b>	<b>144, 752, 842</b>

\*On terminal market.



## Other Publications Available

In addition to this bulletin, the following publications on farmers' cooperative organizations are published by the Farm Credit Administration:

**Cooperative Purchasing of Farm Supplies**

Bulletin No. 1, *J. G. Knapp and J. H. Lister*

**Accounting Principles for Cooperative Cotton Gin Associations**

Bulletin No. 2, *O. T. Weaver*

**Cooperative Marketing of Agricultural Products**

Bulletin No. 3, *W. W. Felton*

**Cooperation in Agriculture, a Selected and Annotated Bibliography**

Bulletin No. 4, *Chastina Gardner*

**Organization and Operation of the Illinois Livestock Marketing Association**

Bulletin No. 5, *H. H. Hulbert*

**Loans to Farmers' Cooperatives**

Circular No. 6

**Early Developments in Cooperative Cotton Marketing**

Circular C-101, *O. W. Herrmann and Chastina Gardner*

*These may be obtained free of charge as long as a supply is available from the*

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