

CHAPTER X

INSURANCE, CREDIT, AND COOPERATIVES

The statistics in this chapter deal with insurance, agricultural credit and farm cooperatives. Some of the series were developed in connection with research activities of the Department, while others, such as data from agricultural credit agencies, are primarily records of operations.

Table 10-1.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1948–2018

Crop	Year	Drought heat (excess)	Hail	Precip. (excess poor drainage)	Frost freeze, (other cold damage)	Flood	Cyclone, tornado, wind, hot wind	In-sects	Dis-ease	De-cline in price	Other
Percent											
Adj. gross revenue	2001-2014	11	10	10	24	0	2	0	0	43	0
Adj. gross revenue-lite	2003-2014	8	10	10	31	1	1	0	1	39	0
Alfalfa seed	2002-2018	42	9	12	17	0	14	4	0	0	0
All other citrus trees	2001-2018	0	0	3	9	0	25	0	0	0	63
All other grapefruit	2001-2009	0	0	0	10	0	90	0	0	0	0
Almonds	1981-2018	8	3	50	35	0	4	0	0	0	0
Annual Forage	2014-2018	0	0	0	0	0	0	0	0	0	100
Apiculture	2009-2018	0	0	0	0	0	0	0	0	0	100
Apples	1963-2018	8	29	5	54	0	2	0	0	0	1
Avocado trees	1996-2013	0	0	6	1	0	94	0	0	0	0
Avocados	1998-2018	45	0	1	29	0	20	0	0	1	3
Banana	2012-2013	100	0	0	0	0	0	0	0	0	0
Barley	1956-2018	42	15	31	5	0	2	2	2	0	0
Blueberries	1995-2018	3	5	10	73	0	2	1	1	0	5
Buckwheat	2010-2018	39	30	20	9	0	2	0	0	0	0
Burley tobacco	1997-2018	37	3	44	2	6	2	0	4	0	1
Cabbage	1999-2018	20	1	38	20	1	10	5	3	0	2
Camelina	2012-2015	100	0	0	0	0	0	0	0	0	0
Canola	1995-2018	22	11	52	10	0	4	1	1	0	0
Carambola trees	2001-2018	0	0	17	0	0	83	0	0	0	0
Cherries	1963-2018	17	4	32	36	0	3	0	0	8	0
Chile peppers	2000-2018	1	24	12	23	6	21	8	4	0	1
Cigar:											
binder tobacco ..	1997-2018	10	15	25	2	0	2	0	44	0	1
filler tobacco	1998-2015	73	0	19	0	0	0	1	7	0	0
wrapper tobacco	1997-2015	0	0	49	3	0	0	0	48	0	0
Citrus	1952-1997	2	1	1	94	0	2	0	0	0	0
Citrus I	1998-2012	0	0	0	7	0	92	0	0	0	0
Citrus II	2000-2013	0	0	0	27	0	73	0	0	0	0
Citrus III	2001-2013	0	0	0	13	0	87	0	0	0	0
Citrus IV	1998-2011	0	6	0	13	0	81	0	0	0	0
Citrus V	1999-2013	0	4	0	46	0	50	0	0	0	0
Citrus VI	2006	0	0	0	0	0	100	0	0	0	0
Citrus VII	1998-2013	0	4	0	15	0	81	0	0	0	0
Citrus VIII	2009-2012	0	13	0	87	0	0	0	0	0	0
Citrus trees	1984-1997	0	0	0	100	0	0	0	0	0	0
Citrus trees I	2008-2010	0	0	70	0	0	30	0	0	0	0
Citrus trees II	2008-2010	0	0	100	0	0	0	0	0	0	0
Citrus trees III	2010	0	0	100	0	0	0	0	0	0	0
Citrus trees IV	2008-2010	0	0	100	0	0	0	0	0	0	0
Citrus trees V	2010	0	0	100	0	0	0	0	0	0	0
Clams	2001-2018	0	0	0	25	0	8	0	2	0	65
Clary sage	2017-2018	0	0	78	4	0	17	0	0	0	0
Coffee	2009-2018	52	0	15	0	0	17	2	0	0	15
Corn	1948-2018	50	5	26	3	2	2	0	1	10	0
Cotton	1948-2018	55	12	13	3	1	13	1	0	2	0
Cotton ex long staple	1984-2018	81	2	5	7	1	2	1	0	0	0
Crambe	1999-2003	22	12	28	9	0	23	0	5	0	0
Cranberries	1984-2018	16	16	16	40	2	2	4	1	0	5
Cucumbers	2014-2018	10	3	81	4	0	2	0	1	0	0
Cultivated wild rice	1999-2018	41	10	6	12	1	16	1	1	0	13
Dark air tobacco	1997-2018	12	2	71	1	2	3	0	5	0	3
Dry beans	1948-2018	16	19	46	13	0	2	0	2	1	0
Dry peas	1963-2018	47	22	22	3	0	1	0	1	3	0
Early & midseason oranges	1998-2018	0	6	24	37	0	32	0	0	0	0
Figs	1988-2018	22	0	42	34	0	2	0	0	0	0
Fire cured tobacco	1997-2018	15	6	56	3	5	6	0	4	0	7
Flax	1948-2018	41	7	42	5	0	3	1	1	0	0

See note(s) at end of table.

Table 10-1.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1948–2018—Continued

Crop	Year	Drought heat (excess)	Hail	Precip. (excess poor drainage)	Frost freeze, (other cold damage)	Flood	Cyclone, tornado, wind, hot wind	In-sects	Dis-ease	De-cline in price	Other
		<i>Percent</i>									
Flue cured tobacco	1997-2018	30	4	31	2	0	18	0	14	0	0
Forage production	1979-2018	68	2	7	21	0	0	1	0	0	0
Forage seeding	1978-2018	27	0	20	49	1	2	0	0	0	0
Fresh:											
Apricots	1997-2018	8	15	25	48	0	3	0	0	0	0
Freestone peaches	1997-2018	11	19	21	45	0	3	0	0	0	0
Market beans	2000-2018	3	0	58	13	0	17	2	7	0	0
Market sweet corn	1985-2018	11	2	36	30	0	17	1	1	0	2
Market tomatoes	1984-2018	6	4	45	27	0	10	2	5	0	0
Nectarines	1997-2018	8	28	22	41	0	2	0	0	0	0
Plum	1990-1997	1	32	41	25	0	0	0	0	0	0
Grain sorghum	1959-2018	75	3	10	4	0	4	1	0	2	0
Grapefruit	1997-2018	5	1	1	11	0	82	0	0	0	0
Grapefruit trees	2000-2014	0	0	7	5	0	13	0	0	0	75
Grapes	1967-2018	22	5	15	52	0	2	0	0	0	3
Grass Seed	2012-2018	46	2	50	3	0	0	0	0	0	0
Green peas	1962-2018	45	4	38	9	0	2	0	1	0	0
Hybrid corn seed ..	1983-2018	57	5	21	2	2	11	0	1	0	0
Hybrid seed rice ..	2017-2018	75	0	25	0	0	0	0	0	0	0
Hybrid sorghum seed	1988-2018	25	20	8	18	0	28	0	0	0	0
Hybrid sweet corn seed	2018	100	0	0	0	0	0	0	0	0	0
Late oranges	1998-2018	0	11	26	23	0	40	0	0	0	0
Lemon trees	2005-2018	0	0	0	0	0	100	0	0	0	0
Lemons	1997-2018	17	1	2	75	0	4	0	0	0	0
Lime trees	1998-2005	0	0	0	1	0	0	0	0	0	99
Macadamia nuts ...	1996-2018	73	0	7	8	0	4	5	0	0	2
Macadamia trees ..	2000-2012	0	0	56	0	0	36	0	0	0	8
Mandarins	1997-2014	18	2	1	76	0	4	0	0	0	0
Mandarins/ tangerines	2015-2018	62	1	5	24	0	8	0	0	0	0
Mango trees	1997-2010	0	0	8	2	0	90	0	0	0	0
Maryland tobacco	1997-2018	58	8	7	4	0	6	0	17	0	0
Millet	1996-2018	67	18	11	2	0	1	0	0	0	0
Minneola tangelos	1998-2014	12	1	6	78	0	3	0	0	0	0
Mint	2000-2018	35	3	24	32	1	2	1	2	0	0
Mustard	1999-2018	51	19	21	4	0	4	1	0	0	0
Navel oranges	1998-2014	20	2	3	74	0	1	0	0	1	0
Nursery (container)	1987-1999	9	1	18	19	11	21	8	14	0	0
Nursery (fg&c)	2001-2018	1	6	4	12	4	70	3	1	0	0
Oats	1956-2018	57	10	24	5	0	2	1	1	0	0
Olives	2012-2018	23	2	9	60	0	6	0	0	0	0
Onions	1988-2018	21	7	44	10	1	2	0	14	0	0
Orange trees	1996-2018	0	0	6	5	0	29	0	0	0	60
Oranges	1958-2018	14	1	1	18	0	66	0	0	0	0
Orlando tangelos ..	1998-2012	0	0	0	100	0	0	0	0	0	0
Papaya	2007-2018	0	0	11	0	0	13	4	50	0	21
Papaya tree	2014-2018	0	0	20	3	0	24	0	22	0	31
Pastures/Range-land forage	2007-2018	0	0	0	0	0	0	0	0	0	100
Peaches	1957-2018	3	13	2	77	0	0	0	0	0	4
Peanuts	1962-2018	66	0	20	2	0	4	0	5	0	1
Pears	1989-2018	21	22	10	42	0	2	0	2	0	0
Pecans	1998-2018	14	5	15	22	0	39	0	2	2	0
Peppers	1984-2018	1	4	59	20	0	14	0	2	0	0
Pistachios	2012-2018	87	0	7	4	0	2	0	0	0	0
Plums	1998-2018	15	24	19	39	0	3	0	0	0	0
Popcorn	1984-2018	41	21	23	6	2	3	0	1	3	0
Potatoes	1962-2018	23	5	42	15	1	2	0	11	0	0
Processing:											
Apricots	1997-2018	10	6	33	47	0	4	0	0	0	0
Beans	1988-2018	44	7	39	5	0	3	0	2	0	0
Cling peaches ...	1997-2018	21	13	30	34	0	2	0	0	0	0
Cucumbers	2000-2005	33	3	49	5	0	1	2	7	0	0
Freestone	1998-2018	22	6	23	47	0	1	0	0	0	0
Prunes	1986-2018	39	3	29	19	0	10	0	0	0	0
Pumpkins	2009-2018	11	0	62	25	0	0	0	1	1	0
Raisins	1961-2015	0	0	100	0	0	0	0	0	0	0
Rangeland	1999-2008	0	0	0	0	0	0	0	0	0	100
Raspberry and blackberry	2002-2006	9	0	5	60	0	26	0	0	0	0

See note(s) at end of table.

Table 10-1.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1948-2018—Continued

Crop	Year	Drought heat (excess)	Hail	Precip. (excess poor drainage)	Frost freeze, (other cold damage)	Flood	Cyclone, tornado, wind, hot wind	Insects	Disease	Decline in price	Other
Revenue coverage corn	1996	5	35	47	4	7	1	0	0	0	0
Revenue coverage soybeans	1996	7	22	51	5	12	0	0	2	0	0
Rice	1960-2018	26	0	54	4	4	6	0	2	3	1
Rio red & star ruby	1998-2018	0	5	32	32	0	31	0	0	0	0
Ruby red grapefruit	1998-2018	0	11	40	17	0	32	0	0	0	0
Rye	1980-2018	40	14	27	18	0	1	0	0	0	0
Safflower	1964-2018	55	5	17	12	0	7	2	2	0	0
Sesame	2011-2018	55	2	33	3	0	5	0	0	0	1
Silage sorghum	2005-2018	78	7	2	2	0	11	0	0	0	0
Soybeans	1955-2018	44	7	33	4	3	1	0	0	8	0
Special citrus	1992-1994	7	13	0	80	0	0	0	0	0	0
Stonefruit	1988-1996	3	12	59	19	0	2	0	0	0	4
Strawberries	2000-2015	27	1	30	23	0	0	2	17	0	0
Sugar beets	1965-2018	12	5	48	20	1	6	1	8	0	0
Sugarcane	1967-2018	28	0	16	35	1	8	3	8	0	1
Sunflowers	1976-2018	25	8	48	7	0	3	2	3	2	2
Sweet corn	1978-2018	50	2	26	16	0	4	0	1	0	1
Sweet oranges	1998-2014	20	0	6	69	0	3	0	0	0	0
Sweet potatoes	1998-2018	34	0	50	0	0	12	3	0	0	1
Table grapes	1984-2018	44	8	24	22	0	1	0	1	0	0
Tangelos	1997-2018	32	4	2	34	0	29	0	0	0	0
Tangors	2014-2018	0	0	0	1	0	99	0	0	0	0
Tobacco	1948-1996	32	10	32	2	1	11	0	11	0	1
Tomatoes	1963-2018	35	2	41	9	1	2	3	8	0	0
Triticale	2018	40	9	0	51	0	0	0	0	0	0
Tung Nuts	1965-1970	0	0	0	100	0	0	0	0	0	0
Valencia oranges ..	1998-2014	20	2	2	71	0	3	0	0	0	0
Walnuts	1984-2018	30	6	31	28	1	4	0	0	0	0
Watermelons	1999	22	2	11	5	0	7	0	48	0	6
Wheat	1948-2018	45	11	21	13	0	3	0	2	3	0
Whole Farm Revenue Protection	2015-2018	23	7	19	11	0	4	0	1	33	0
Winter squash	1999-2005	30	5	57	1	5	0	0	0	0	3

GRP crops do not have any specific cause of loss.
RMA, Requirements, Analysis and Validation Branch, (816) 926-7910.

Table 10-2.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 2016–2018

Commodity and year	Coverage				Amount of premium <i>1,000 dollars</i>	Indemnities		
	County programs	Insured units	Area insured	Maximum insured production		Number	Area indemnified	Amount
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>			<i>1,000 acres</i>	<i>1,000 dollars</i>
Alfalfa seed:								
2016	24	576	46	65,029	4,615	261	14	10,515
2017	32	711	52	76,116	5,126	312	18	17,394
2018	35	661	43	54,273	3,974	101	9	4,771
All other citrus trees:								
2016	28	413	0	42,941	646	0	0	0
2017	28	292	0	36,871	523	1	0	2
2018	28	234	0	36,180	489	45	0	1,871
All other grapefruit:								
2016	3	0	0	0	0	0	0	0
2017	3	0	0	0	0	0	0	0
Almonds:								
2016	32	6,406	750	3,578,744	135,458	513	37	47,313
2017	32	6,424	757	2,576,363	95,462	622	44	36,336
2018	32	6,730	787	2,133,738	64,990	942	67	45,988
Annual Forage:								
2016	711	1,589	175	37,946	7,894	1,177	0	6,510
2017	744	2,967	481	134,038	33,835	578	0	4,842
2018	744	3,936	643	150,821	36,977	1,448	0	41,006
Apiculture:								
2016	2,059	8,618	0	118,332	24,486	2,782	0	11,311
2017	2,059	9,901	0	115,519	25,870	5,673	0	29,928
2018	3,069	7,706	0	166,403	35,815	4,168	0	30,245
Apples:								
2016	600	7,231	226	1,162,390	114,892	1,703	31	105,313
2017	600	7,104	225	1,279,420	120,104	1,737	32	91,468
2018	600	7,398	228	1,400,208	123,084	997	13	44,480
Avocado trees:								
2016	1	154	0	27,182	960	0	0	0
2017	1	153	0	30,708	1,111	0	0	0
2018	1	129	0	24,734	806	113	0	7,858
Avocados:								
2016	7	1,028	35	78,597	5,671	150	0	2,128
2017	7	1,012	34	83,021	5,552	337	1	13,266
2018	8	1,027	33	80,503	5,107	136	3	3,939
Banana tree:								
2016	4	1	0	512	14	0	0	0
2017	4	0	0	0	0	0	0	0
2018	4	2	0	508	14	0	0	0
Bananas:								
2016	4	2	0	32	1	0	0	0
2017	4	2	0	764	4	0	0	0
2018	4	4	0	1,177	26	0	0	0
Barley:								
2016	5,331	16,453	2,174	428,646	58,886	2,799	353	28,425
2017	5,379	13,263	1,679	314,929	39,465	3,872	415	29,888
2018	5,379	12,020	1,585	295,015	36,122	2,114	218	18,327
Blueberries:								
2016	161	1,304	64	224,638	12,899	277	6	12,729
2017	169	1,286	67	222,415	13,780	619	18	40,316
2018	171	1,373	69	248,251	16,511	494	17	31,411
Buckwheat:								
2016	32	95	8	1,450	257	7	1	69
2017	32	86	9	1,399	262	10	1	77
2018	22	120	10	1,748	298	37	3	297
Burley tobacco:								
2016	497	5,851	67	177,606	31,053	3,906	51	86,067
2017	497	5,810	69	179,565	35,348	3,555	49	78,401
2018	497	4,364	51	132,469	23,189	2,318	31	48,391
Cabbage:								
2016	29	313	14	29,395	2,096	72	2	2,397
2017	31	341	15	32,109	2,210	62	2	1,8391
2018	31	314	13	31,073	2,165	67	2	1,953
Camelina:								
2016	52	1	0	13	4	0	0	0
2017	52	2	0	16	3	0	0	0
2018	52	0	0	0	0	0	0	0
Canola:								
2016	966	11,752	1,644	313,339	60,723	1,525	189	16,474
2017	1,005	13,777	1,990	399,943	80,852	5,024	682	57,861
2018	1,005	12,296	1,890	420,865	83,959	2,361	314	27,340

See footnote(s) at end of table.

Table 10-2.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 2016–2018—Continued

Commodity and year	Coverage				Amount of premium 1,000 dollars	Indemnities		
	County programs	Insured units	Area insured	Maximum insured production		Number	Area indemnified	Amount
	Number	Number	1,000 acres	1,000 dollars			1,000 acres	1,000 dollars
Carambola trees:								
2016	2	9	0	1,764	62	0	0	0
2017	2	10	0	1,834	65	0	0	0
2018	2	9	0	2,772	101	5	0	87
Cattle:								
2016	20	14	0	1,924	66	10	0	128
2017	20	38	0	17,432	683	3	0	11
2018	20	9	0	964	42	5	0	32
Cherries:								
2016	64	3,457	87	488,631	50,028	1,230	25	61,611
2017	64	3,428	84	487,158	56,107	964	21	42,700
2018	64	3,491	84	493,985	61,135	960	23	48,014
Chile Peppers:								
2016	3	22	2	1,028	50	1	0	13
2017	3	17	2	739	29	0	0	0
2018	3	11	1	457	14	0	0	0
Cigar binder tobacco:								
2016	21	318	3	15,766	4,473	19	0	565
2017	21	355	3	19,093	5,213	82	1	2,634
2018	21	389	3	25,294	7,162	63	0	1,573
Cigar filler tobacco:								
2016	3	11	0	228	3	0	0	0
2017	3	11	0	291	5	0	0	0
2018	3	11	0	331	5	1	0	4
Cigar wrapper tobacco:								
2016	5	7	0	1,917	222	6	0	515
2017	5	10	0	1,387	179	1	0	286
2018	5	13	0	1,381	175	0	0	0
Clams:								
2016	9	48	0	15,285	373	5	0	108
2017	9	66	0	14,062	367	0	0	0
2018	9	61	0	17,652	485	23	0	1,589
Clary sage:								
2016	4	139	18	12,576	1,351	50	7	1,702
2017	4	199	22	15,356	1,671	77	7	1,670
2018	4	154	13	8,172	883	26	1	216
Coffee:								
2016	4	112	4	15,933	428	37	0	459
2017	4	105	4	16,816	413	23	0	128
2018	4	123	4	19,519	424	11	0	314
Coffee tree:								
2016	4	40	0	21,347	78	0	0	0
2017	4	67	0	20,944	85	0	0	0
2018	4	31	0	18,967	71	0	0	0
Corn:								
2016	17,208	715,137	82,239	39,617,158	3,537,797	97,640	9,539	952,897
2017	17,232	677,695	78,901	39,434,353	3,453,907	137,711	12,529	1,267,011
2018	18,722	655,855	78,139	40,314,289	3,160,243	105,161	11,146	1,318,381
Cotton:								
2016	5,922	133,312	9,458	3,345,135	652,814	29,016	3,731	359,785
2017	5,922	153,339	11,733	4,951,525	935,122	42,911	6,474	650,449
2018	5,938	169,187	13,174	5,712,888	1,136,089	54,772	10,951	1,352,518
Cotton exlong staple:								
2016	58	1,152	248	216,052	25,068	455	131	61,469
2017	58	1,228	253	298,072	21,070	261	50	16,093
2018	58	1,047	248	208,707	15,701	199	48	20,668
Cranberries:								
2016	30	659	33	112,398	3,253	53	1	1,443
2017	30	642	32	111,701	3,236	86	3	3,432
2018	30	606	31	102,716	2,682	49	1	1,929
Cucumbers:								
2016	55	431	28	19,237	1,614	157	10	2,480
2017	72	387	25	17,703	1,511	72	4	1,050
2018	72	324	21	15,065	1,304	78	4	1,577
Cultivated wild rice:								
2016	22	97	27	26,164	1,336	4	0	98
2017	22	102	25	24,906	1,301	8	1	359
2018	11	80	22	13,840	796	9	1	175

See footnote(s) at end of table.

Table 10-2.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 2016–2018—Continued

Commodity and year	Coverage				Amount of premium <i>1,000 dollars</i>	Indemnities		
	County programs	Insured units	Area insured	Maximum insured production		Number	Area indemnified	Amount
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>			<i>1,000 acres</i>	<i>1,000 dollars</i>
Dairy cattle:								
2016	48	1,046	0	299,649	7,153	395	0	8,719
2017	48	1,080	0	303,454	6,533	461	0	4,951
2018	48	1,370	0	319,088	6,131	387	0	3,910
Dark air tobacco:								
2016	59	805	4	18,503	751	501	3	6,102
2017	59	973	6	27,382	1,315	155	1	2,652
2018	59	1,092	9	38,527	1,860	232	4	9,388
Dry beans:								
2016	938	13,416	1,220	398,679	55,834	3,373	311	59,818
2017	938	14,308	1,345	527,025	74,056	3,135	247	42,040
2018	940	11,263	1,082	419,077	56,568	1,870	169	29,913
Dry Peas:								
2016	725	16,381	2,400	444,950	75,608	2,829	399	37,907
2017	725	16,752	2,593	480,369	85,658	8,961	1,447	128,614
2018	725	14,172	2,258	443,844	78,944	4,045	721	75,559
Early and Midseason oranges:								
2016	3	181	4	3,590	143	28	0	96
2017	3	175	4	3,750	148	31	0	143
Fed cattle:								
2016	37	236	0	32,643	1,315	126	0	1,106
2017	37	221	0	23,053	993	20	0	74
2018	37	128	0	13,328	473	23	0	57
Feeder cattle:								
2016	38	1,852	0	159,594	6,154	1,345	0	8,685
2017	38	2,559	0	173,357	7,853	449	0	1,791
2018	38	1,385	0	110,163	4,036	596	0	2,260
Figs:								
2016	4	56	4	7,081	265	2	0	110
2017	4	70	5	8,220	254	2	0	130
2018	4	60	4	8,241	225	2	0	133
Fired cured tobacco:								
2016	63	1,315	12	67,518	3,345	627	6	18,237
2017	63	1,474	15	87,470	5,065	253	3	7,890
2018	63	1,519	16	88,939	5,262	205	3	6,833
Flax:								
2016	265	3,432	339	38,247	5,462	438	41	2,207
2017	265	2,658	261	31,799	4,720	1,460	145	7,852
2018	265	1,713	177	23,938	3,974	378	36	2,265
Flue cured tobacco:								
2016	291	11,750	210	666,273	56,540	4,465	86	131,728
2017	291	11,475	206	638,033	61,882	3,492	66	95,645
2018	291	11,686	205	657,775	69,268	5,319	119	215,500
Forage production:								
2016	1,404	17,893	2,447	446,137	38,824	4,923	846	36,320
2017	1,404	15,935	2,222	277,277	25,828	6,969	1,112	44,962
2018	1,404	14,905	2,108	261,146	25,916	1,838	174	9,668
Forage seeding:								
2016	589	3,743	167	28,623	3,871	1,515	62	6,876
2017	590	3,068	151	25,507	3,238	1,065	52	5,181
2018	590	3,556	176	31,942	3,779	100	8	842
Fresh apricots:								
2016	29	136	3	10,645	1,395	13	0	369
2017	29	130	3	12,292	1,654	43	1	1,899
2018	29	125	3	11,484	1,378	38	1	1,620
Fresh freestone peaches:								
2016	25	709	17	58,519	1,484	47	0	445
2017	25	695	19	68,755	1,625	96	1	1,521
2018	25	713	19	79,585	2,152	76	1	1,200
Fresh market beans:								
2016	15	27	4	2,192	193	16	2	538
2017	15	26	5	3,441	378	4	1	151
2018	15	26	6	4,117	494	10	3	440
Fresh market sweet corn:								
2016	230	688	48	48,107	3,513	108	4	2,513
2017	230	622	49	45,647	3,374	86	4	2,988
2018	230	609	47	45,411	3,236	119	4	2,582
Fresh market tomatoes:								
2016	57	521	33	122,698	13,060	173	5	12,273
2017	57	455	31	120,434	12,636	151	4	12,711
2018	59	408	29	103,266	10,490	184	4	15,134

See footnote(s) at end of table.

Table 10-2.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 2016–2018—Continued

Commodity and year	Coverage				Amount of premium <i>1,000 dollars</i>	Indemnities		
	County programs	Insured units	Area insured	Maximum insured production		Number	Area indemnified	Amount
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>			<i>1,000 acres</i>	<i>1,000 dollars</i>
Fresh nectarines:								
2016	24	750	15	55,022	3,250	46	0	388
2017	24	705	15	58,196	3,322	131	2	2,015
2018	24	680	14	59,063	3,485	114	2	3,003
Grain sorghum:								
2016	7,074	72,593	5,374	843,596	189,739	11,905	947	50,348
2017	7,074	54,424	4,141	679,140	150,553	9,964	812	49,749
2018	7,077	54,690	4,191	714,046	151,817	13,655	1,309	84,629
Grapefruit:								
2016	41	764	41	73,188	3,655	31	0	637
2017	53	668	37	54,735	2,383	147	15	5,219
2018	56	898	45	68,103	4,798	359	28	26,321
Grapefruit trees:								
2016	31	1,117	0	178,972	4,591	0	0	0
2017	31	1,019	0	163,430	3,972	0	0	0
2018	31	960	0	165,959	4,196	47	0	3,573
Grapes:								
2016	200	17,047	571	1,450,130	50,193	1,381	26	20,219
2017	200	16,675	572	1,505,936	49,784	2,173	49	43,330
2018	226	16,868	557	1,569,776	51,179	1,076	18	21,860
Grass seed:								
2016	20	134	50	11,860	1,220	9	2	273
2017	20	106	29	7,134	620	12	1	208
2018	20	96	32	8,862	628	9	2	262
Green peas:								
2016	321	1,764	126	59,681	6,254	546	37	8,793
2017	321	1,624	117	56,858	6,490	402	31	7,723
2018	321	1,570	118	55,071	6,642	726	51	10,373
Hybrid corn seed:								
2016	458	5,628	377	276,506	17,177	344	19	4,877
2017	462	5,769	382	300,169	17,751	243	15	2,601
2018	462	4,618	310	245,713	13,255	150	13	2,058
Hybrid seed rice:								
2016	50	132	14	16,238	1,431	59	5	1,950
2017	50	160	17	18,125	1,486	11	3	59
2018	50	246	19	26,058	2,335	83	10	5,591
Hybrid sorghum seed:								
2016	52	356	21	8,604	1,024	68	4	966
2017	52	346	25	9,057	04	46	3	684
2018	52	438	32	13,898	1,265	46	2	606
Hybrid sweet corn seed:								
2016	15	0	0	0	0	0	0	0
2017	15	0	0	0	0	0	0	0
2018	16	111	2	2,502	234	0	0	0
Lamb:								
2016	28	115	0	16,194	359	58	0	101
2017	28	88	0	18,223	842	79	0	3,347
2018	28	282	0	50,139	1,430	267	0	5,582
Late oranges:								
2016	3	95	1	1,555	251	10	0	38
2017	3	62	1	1,102	125	4	0	27
Lemon trees:								
2016	4	0	0	0	0	0	0	0
2017	2	0	0	0	0	0	0	0
2018	3	8	0	1,297	29	3	0	410
Lemons:								
2016	19	852	44	136,387	7,777	21	0	1,115
2017	34	859	44	153,560	9,540	22	1	1,881
2018	34	861	43	161,163	11,541	38	2	1,943
Lime trees:								
2016	6	3	0	612	15	0	0	0
2017	5	5	0	927	17	0	0	0
2018	5	4	0	985	16	0	0	0
Macadamia nuts:								
2016	3	103	12	18,233	411	6	1	503
2017	3	39	12	17,289	220	8	1	818
2018	3	54	12	18,035	244	0	0	0
Macadamia trees:								
2016	3	36	12	51,390	362	0	0	0
2017	3	50	12	51,874	298	0	0	0
2018	3	53	12	52,808	308	0	0	0
Mandarins/ Tangerines:								
2016	41	1,001	44	228,534	21,456	78	0	11,814
2017	53	989	48	265,366	23,135	55	3	4,109
2018	53	1,045	50	302,866	24,519	175	7	10,591

See footnote(s) at end of table.

Table 10-2.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 2016–2018—Continued

Commodity and year	Coverage				Amount of premium <i>1,000 dollars</i>	Indemnities		
	County programs	Insured units	Area insured <i>1,000 acres</i>	Maximum insured production <i>1,000 dollars</i>		Number	Area indemnified <i>1,000 acres</i>	Amount <i>1,000 dollars</i>
Mango trees:								
2016	1	13	0	531	20	0	0	0
2017	1	20	0	837	33	0	0	0
2018	1	20	0	876	32	14	0	217
Maryland tobacco:								
2016	6	1	0	1	0	1	0	1
2017	6	0	0	0	0	0	0	0
2018	6	0	0	0	0	0	0	0
Millet:								
2016	138	4,381	348	24,172	5,666	926	80	2,635
2017	138	4,266	348	20,279	4,876	1,171	96	3,115
2018	138	4,019	329	21,888	5,500	1,071	95	3,273
Mint:								
2016	48	345	22	20,884	1,074	85	3	952
2017	48	270	19	16,947	856	67	3	1,211
2018	48	246	17	15,951	747	61	3	636
Mustard:								
2016	75	468	68	9,310	2,322	93	16	1,513
2017	75	318	63	6,083	1,683	154	26	1,418
2018	75	308	48	5,700	1,529	87	10	763
Nursery (FG&C):								
2016	2,799	2,666	0	1,376,494	25,286	52	0	5,909
2017	2,799	2,418	0	1,255,929	23,719	26	0	2,525
2018	2,799	2,466	0	1,402,702	26,315	538	0	97,077
Oats:								
2016	2,805	8,956	435	42,230	7,479	1,944	98	5,450
2017	2,805	8,499	436	42,134	7,554	3,390	194	12,900
2018	2,805	7,767	400	39,863	6,730	1,496	69	4,263
Olives:								
2016	13	440	25	29,408	2,942	71	3	1,425
2017	13	429	24	36,373	3,614	16	1	516
2018	17	373	22	35,632	3,546	257	13	15,838
Onions:								
2016	176	1,761	109	214,441	38,856	703	25	33,301
2017	176	1,714	101	218,824	39,824	687	24	32,080
2018	178	1,913	104	238,162	45,147	751	26	39,445
Orange trees:								
2016	31	2,774	0	1,217,465	14,222	1	0	94
2017	31	2,331	0	1,077,818	12,244	0	0	0
2018	31	1,997	0	1,128,054	11,945	214	0	24,840
Oranges:								
2016	48	6,703	469	661,107	30,784	291	0	5,585
2017	63	6,079	438	639,252	29,343	236	6	3,443
2018	66	6,386	417	582,416	26,829	1,752	180	76,198
Oysters:								
2017	9	0	0	0	0	0	0	0
2018	9	0	0	0	0	0	0	0
Papaya:								
2016	4	30	0	1,111	27	7	0	49
2017	4	36	0	1,340	32	1	0	41
2018	4	19	0	904	23	1	0	105
Papaya tree:								
2016	4	10	0	331	5	0	0	0
2017	4	15	0	403	5	3	0	40
2018	4	6	0	303	4	2	0	63
Pasture/Range-land/Forage:								
2016	3,069	118,282	51,786	1,390,717	280,761	45,194	0	178,756
2017	3,069	140,673	74,933	1,744,688	380,370	64,209	0	341,230
2018	3,069	159,684	98,331	2,376,797	520,004	64,828	0	499,150
Peaches:								
2016	383	1,408	32	82,294	21,528	526	9	13,364
2017	383	1,406	31	81,985	22,494	748	20	44,018
2018	383	1,405	32	82,276	24,251	417	12	17,657
Peanuts:								
2016	2,103	24,304	1,411	690,666	67,271	6,695	338	84,735
2017	2,139	27,982	1,644	859,322	71,493	4,983	255	60,161
2018	2,139	22,591	1,302	643,484	55,032	4,626	232	54,317
Pears:								
2016	29	1,906	33	148,782	3,428	140	3	2,895
2017	29	1,945	33	178,009	4,224	191	3	4,644
2018	29	1,809	33	134,668	2,843	123	2	2,022
Pecan trees:								
2018	233	18	0	5,204	25	0	0	0
Pecans:								
2016	138	1,802	159	277,246	15,852	251	14	8,227
2017	138	1,823	163	286,176	16,314	190	15	6,060
2018	139	1,887	166	314,426	17,198d	643	50	50,030
Peppers:								
2016	13	129	6	25,384	3,225	56	2	4,850
2017	13	127	6	26,651	3,643	52	2	8,024
2018	13	123	5	19,960	2,834	50	2	6,810

See footnote(s) at end of table.

Table 10-2.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 2016–2018—Continued

Commodity and year	Coverage				Amount of premium 1,000 dollars	Indemnities		
	County programs	Insured units	Area insured	Maximum insured production		Number	Area indemnified	Amount
	Number	Number	1,000 acres	1,000 dollars			1,000 acres	1,000 dollars
Pistachios:								
2016	24	764	138	899,211	47,242	23	2	1,877
2017	24	806	146	377,099	20,628	138	26	13,404
2018	24	929	168	558,733	42,995	20	2	1,587
Plums:								
2016	23	698	12	37,107	3,906	114	1	1,286
2017	23	663	13	39,752	3,899	127	2	2,125
2018	23	613	12	40,064	3,929	88	1	1,557
Popcorn:								
2016	3,273	2,207	224	136,597	10,269	317	30	2,750
2017	3,297	1,965	200	124,931	8,765	366	34	3,894
2018	3,297	1,852	189	116,433	7,401	130	11	2,235
Potatoes:								
2016	531	5,552	767	1,088,727	80,975	932	68	47,618
2017	531	5,087	724	1,087,631	80,821	503	34	30,290
2018	531	5,068	739	1,122,516	85,126	733	47	42,110
Processing apricots:								
2016	13	59	3	6,465	944	19	1	1,595
2017	13	61	3	6,946	1,055	15	0	1,003
2018	13	62	3	5,894	840	24	1	1,483
Processing beans:								
2016	252	1,505	93	47,094	4,451	383	20	4,900
2017	258	1,392	88	46,973	4,499	240	11	3,655
2018	258	1,391	89	43,703	4,583	395	22	5,171
Processing cling peaches:								
2016	10	841	14	53,104	1,977	58	2	2,231
2017	10	835	14	59,892	2,344	75	1	1,370
2018	10	783	13	51,718	1,905	105	1	1,466
Processing freestone:								
2016	8	96	2	11,727	328	2	0	68
2017	8	97	2	11,516	277	7	0	293
2018	8	91	2	10,280	289	7	0	218
Prunes:								
2016	28	723	40	114,396	24,624	564	28	55,134
2017	28	722	40	109,723	23,759	123	7	7,561
2018	28	686	39	94,170	21,272	261	14	17,049
Pumpkins:								
2016	22	216	10	6,700	418	26	1	322
2017	22	201	10	6,675	462	68	4	1,291
2018	22	138	6	3,874	282	8	0	83
Raisins:								
2016	7	2,156	0	173,866	6,570	18	0	97
2017	7	1,816	0	95,891	3,051	661	0	3,158
2018	7	1,630	0	154,798	4,703	0	0	0
Rice:								
2016	999	21,409	2,746	1,697,576	87,683	5,074	606	106,562
2017	99	18,621	2,385	1,261,083	75,293	4,900	645	181,410
2018	1,089	21,322	2,549	1,662,974	87,440	3,039	438	73,079
Rio Red & Star Ruby:								
2016	3	324	12	16,383	2,230	74	0	893
2017	3	313	12	16,686	2,319	43	1	609
Ruby red grapefruit:								
2016	3	46	1	529	57	13	0	58
2017	3	39	1	433	49	9	0	34
Rye:								
2016	89	687	56	6,044	1,098	185	12	797
2017	89	406	36	2,948	511	150	12	730
2018	89	483	35	3,446	614	209	13	682
Safflower:								
2016	164	590	110	11,651	2,113	85	15	1,126
2017	164	594	108	10,710	1,731	173	25	1,622
2018	164	556	102	11,322	1,738	105	16	711

See footnote(s) at end of table.

Table 10-2.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 2016–2018—Continued

Commodity and year	Coverage				Amount of premium <i>1,000 dollars</i>	Indemnities		
	County programs	Insured units	Area insured	Maximum insured production		Number	Area indemnified	Amount
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>			<i>1,000 acres</i>	<i>1,000 dollars</i>
Sesame:								
2016	102	232	18	1,766	427	70	4	240
2017	102	322	21	1,865	614	154	8	471
2018	102	708	58	6,226	1,833	330	24	2,072
Silage Sorghum:								
2016	194	548	51	11,532	1,621	36	3	366
2017	194	542	47	11,055	1,321	51	3	395
2018	194	626	59	14,594	1,743	100	11	1,400
Soybeans:								
2016	14,187	687,248	73,345	22,180,248	1,852,617	74,423	5,532	384,159
2017	14,265	701,017	79,877	28,412,148	2,556,295	125,772	11,203	766,417
2018	15,790	671,403	78,808	28,871,455	2,243,048	154,023	15,712	1,200,895
Strawberries:								
2016	6	17	1	22,048	971	0	0	0
2017	7	5	0	4,883	89	0	0	0
2018	7	3	0	4,345	206	0	0	0
Sugar beets:								
2016	239	13,784	1,025	922,789	50,574	1,823	115	37,729
2017	239	13,142	992	848,902	46,772	772	47	9,196
2018	120	14,011	1,040	817,279	41,518	919	55	10,115
Sugarcane:								
2016	62	5,647	782	263,586	3,962	142	6	1,082
2017	62	4,739	767	320,765	5,861	116	5	904
2018	62	4,793	789	357,649	6,717	65	4	859
Sunflowers:								
2016	1,794	8,238	1,436	269,022	46,963	1,601	199	20,568
2017	1,794	6,846	1,223	245,674	47,147	1,771	249	27,658
2018	1,806	5,776	1,146	216,748	42,846	1,373	234	21,039
Sweet corn:								
2016	332	2,477	199	85,358	4,399	322	23	5,745
2017	332	2,388	199	90,157	4,397	231	16	4,340
2018	332	2,345	197	86,060	4,230	402	26	4,192
Sweet potatoes:								
2016	9	27	9	7,510	729	4	2	1,141
2017	9	23	7	8,296	987	2	1	385
2018	9	20	7	6,334	638	3	0	978
Swine:								
2016	85	152	0	22,360	945	106	0	1,881
2017	85	190	0	22,732	1,144	41	0	296
2018	85	126	0	18,649	767	61	0	1,301
Table grapes:								
2016	10	1,167	77	311,440	9,162	135	3	6,616
2017	10	1,177	77	326,337	9,303	238	6	16,317
2018	10	1,212	76	355,595	11,236	165	4	15,268
Tangelos:								
2016	39	445	9	19,404	1,600	24	0	741
2017	49	382	8	20,811	1,586	36	1	626
2018	49	344	7	20,638	1,404	75	1	795
Tangerine trees:								
2016	3	12	9	383	17	0	0	0
2017	3	12	9	411	16	0	0	0
2018	3	13	9	381	14	0	0	0
Tangors:								
2016	29	211	5	9,900	504	2	0	43
2017	29	185	4	9,690	491	8	0	248
2018	29	140	3	7,180	359	107	3	4,948
Tomatoes:								
2016	148	2,896	263	605,722	13,850	130	12	8,481
2017	148	2,656	232	490,700	11,418	216	16	9,439
2018	148	2,694	240	512,868	10,855	99	8	4,086
Triticale:								
2018	116	196	23	2,702	309	49	3	157
Walnuts:								
2016	52	1,786	158	307,507	6,914	80	3	2,192
2017	52	1,835	158	249,532	5,985	182	8	3,973
2018	52	1,884	169	303,896	6,038	89	4	2,787
Wheat:								
2016	15,516	410,170	42,825	6,775,408	1,110,512	70,983	8,063	501,236
2017	15,522	344,492	37,246	5,891,036	893,160	85,003	10,655	751,605
2018	15,672	337,392	38,695	6,904,347	997,226	80,837	9,104	558,690
Whole Farm Revenue Protection:								
2016	3,140	2,205	0	2,333,659	118,731	693	0	174,230
2017	3,140	2,731	0	2,838,027	142,726	805	0	151,200
2018	3,140	2,482	0	2,662,284	137,952	108	0	4,795

RMA, Requirements, Analysis and Validation Branch, (816) 926-7910.

Table 10-3.—Farm real estate debt: Amount outstanding by lender, United States, Dec. 31, 2009–2018¹

Year	Farm Credit System	Farm Service Agency	Farmer Mac	Commercial banks ¹
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
2009	69.1	2.6	2.1	44.2
2010	72.5	3.5	3.6	51.2
2011	75.3	3.3	3.8	52.9
2012	80.3	3.7	3.8	64.6
2013	85.3	3.7	4.5	68.9
2014	88.8	4.3	4.7	73.3
2015	96.7	4.9	4.8	79.2
2016	103.7	5.9	5.5	84.4
2017	107.7	6.1	6.3	88.7
2018	NA	NA	NA	NA

Year	Individuals and others ¹	Life insurance companies	Storage facility loans	Total farm mortgage debt
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
2009	14.2	13.3	0.5	146.0
2010	10.2	12.4	0.6	154.1
2011	18.1	13.0	0.7	167.2
2012	8.7	11.5	0.7	173.4
2013	10.1	12.0	0.7	185.2
2014	12.5	12.4	0.8	196.8
2015	10.0	12.5	0.8	208.8
2016	12.5	13.2	0.7	226.0
2017	13.5	15.1	0.8	238.1
2018	NA	NA	NA	250.9

Data as of March 6, 2019.
¹ Beginning with 2012 estimates, farm sector debt held by savings associations is reported with the commercial bank lender group instead of the individuals and others grouping.
 ERS, Farm Income Team, (202) 694-5586. FarmIncomeTeam@ers.usda.gov. <http://www.ers.usda.gov/data-products/farm-income-and-wealth-statistics.aspx>.

Table 10-4.—Nonreal estate farm debt: Amount outstanding, by lender, United States, Dec. 31, 2009–2018

Year	Commercial banks ¹	Farm Credit System	Farm Service Agency	Individuals and others ¹	Total nonreal estate debt
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
2009	57.2	39.0	3.3	22.9	122.4
2010	56.2	39.2	3.6	25.8	124.9
2011	59.2	41.1	3.5	23.5	127.3
2012	59.9	42.7	3.4	18.2	124.2
2013	63.7	44.0	2.8	19.6	130.2
2014	70.7	47.9	3.6	26.2	148.4
2015	73.2	48.3	3.7	22.8	148.0
2016	73.2	49.4	3.8	21.8	148.2
2017	73.3	51.2	4.0	26.6	155.0
2018	NA	NA	NA	NA	160.0

Data as of March 6, 2019.
¹ Beginning with 2012 estimates, farm sector debt held by savings associations is reported with the commercial bank lender group instead of the individuals and others grouping.
 ERS, Farm Income Team, (202) 694-5586. FarmIncomeTeam@ers.usda.gov. <http://www.ers.usda.gov/data-products/farm-income-and-wealth-statistics.aspx>.

Table 10-5.—Farm Service Agency: Loans made to individuals and associations for farming purposes, and amount outstanding, United States and Territories, 2009–2018¹

Year	Loans to individuals				
	Farm ownership			Soil and water	Recreation
	New borrowers	Loans made	Outstanding Jan. 1	Outstanding Jan. 1	Outstanding Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
2009	5,048	1,832,709	9,800,441	12,469	267
2010	6,281	2,308,813	10,875,039	10,364	4,632
2011	5,945	2,486,929	11,872,786	8,053	208
2012	4,976	2,029,778	12,498,221	6,585	191
2013	4,224	1,946,912	12,842,052	5,483	133
2014	7,418	3,012,450	13,768,000	4,617	102
2015	7,366	3,049,028	14,985,868	4,082	79
2016	7,849	3,487,629	16,560,650	3,579	64
2017	7,721	3,322,717	18,195,830	2,864	46
2018	8,094	3,264,634	19,666,568	2,333	45

Year	Loans to individuals					
	Operating			Emergency		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
2009	11,778	2,611,248	6,500,532	177	30,401	726,370
2010	12,056	2,934,097	7,047,105	187	35,598	661,950
2011	10,064	2,285,131	6,953,778	176	32,610	578,846
2012	10,325	2,103,112	6,594,239	155	31,436	537,640
2013	10,685	1,960,150	6,254,820	224	23,340	479,869
2014	12,039	2,201,420	6,214,490	118	18,106	428,304
2015	12,564	2,616,666	6,352,898	82	13,383	385,951
2016	12,401	2,832,984	6,778,399	195	42,725	379,094
2017	13,022	2,650,932	7,135,916	55	15,131	343,455
2018	10,926	2,198,126	7,119,181	52	12,713	313,088

Year	Loans to associations			Economic opportunity individual loans	Economic emergency loans
	Indian tribe land acquisition	Grazing association	Irrigation, drainage, and soil conservation	Outstanding Jan. 1	Outstanding Jan. 1
	Outstanding Jan. 1	Outstanding Jan. 1	Outstanding Jan. 1		
	<i>1,000 dollars</i>				
2009	38,510	2,590	860	6	117,942
2010	34,306	2,232	707	6	100,515
2011	29,539	1,848	605	6	85,915
2012	25,112	1,618	511	6	76,843
2013	24,246	1,014	468	6	65,040
2014	19,825	798	284	6	57,053
2015	15,590	673	227	6	49,517
2016	11,619	408	181	5	42,545
2017	10,461	365	152	4	39,216
2018	9,227	326	121	4	33,651

¹ Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency. FSA, Loan Making Division, (202) 690-4006.

Table 10-6.—Loans to farmers' cooperative organizations: Outstanding amounts held by the agricultural credit bank classified by type of loan, United States, Jan. 1, 2009-2018

Year	Operating capital loans		Facility loans	
	<i>1,000 dollars</i>		<i>1,000 dollars</i>	
2009		11,769,457		32,780,415
2010		10,743,647		33,430,718
2011		10,871,732		35,413,410
2012		32,789,008		39,191,450
2013		32,449,687		41,153,688
2014		32,171,519		48,210,977
2015		35,316,639		53,723,941
2016		39,243,137		56,015,144
2017		35,681,814		63,583,691
2018		39,317,966		65,175,889

FCA, Office of Information Technology, (703) 883-4260.

Table 10-7.—Farmers' marketing, farm supply, and related service cooperatives: Number, memberships, and business volume, United States, 2009-2018

Year ¹	Cooperatives ²				Estimated memberships ⁴			
	Marketing	Farm supply	Related service ³	Total	Marketing	Farm supply	Related service ³	Total
	<i>Number</i>				<i>1,000 members</i>			
2009	1,277	992	121	2,390	754	1,448	35	2,237
2010	1,215	974	125	2,314	737	1,463	35	2,234
2011	1,222	935	128	2,285	846	1,398	36	2,279
2012	1,200	916	120	2,236	652	1,426	37	2,115
2013	1,195	871	120	2,186	655	1,284	37	1,977
2014	1,114	876	116	2,106	627	1,333	35	1,996
2015	1,079	874	94	2,047	591	1,296	34	1,921
2016	1,040	827	86	1,953	584	1,280	37	1,901
2017	1,010	777	84	1,871	604	1,251	35	1,890
2018	961	760	85	1,806	594	1,262	33	1,889

Year ¹	Marketing volume		Farm supply volume		Service Receipts ⁷	Total marketing and farm supply volume and service receipts	
	Gross ⁵	Net ⁶	Gross ⁵	Net ⁶		Gross ⁵	Net ⁶
	<i>Billion dollars</i>						
2009	101.386	94.558	62.999	47.362	4.940	169.325	146.860
2010	103.031	95.756	63.842	47.118	4.930	171.803	147.805
2011	128.041	121.784	80.898	57.322	4.453	213.391	187.100
2012	140.900	133.200	92.200	64.700	4.700	237.800	202.600
2013	144.615	135.810	95.933	67.175	5.572	246.120	208.557
2014	147.731	138.340	92.624	65.638	6.315	246.670	210.293
2015	124.892	115.409	81.709	59.023	5.458	212.059	179.890
2016	114.587	108.603	71.048	51.589	5.440	191.075	165.632
2017	119.807	112.754	71.754	51.516	5.579	197.141	169.849
2018	126.333	118.962	71.728	53.634	5.753	203.814	178.349

¹Reports of cooperatives are included for their fiscal year ending in calendar year. ²Includes independent local cooperatives, centralized cooperatives, federations of cooperatives, and cooperatives with mixed organizational structures. Cooperatives are classified according to their major activity. If, for example, more than 50 percent of a cooperative's business is derived from marketing activities, it is included as a marketing cooperative. ³Includes cooperatives whose major activity is providing services related to marketing and farm supply activities. ⁴Includes members (those entitled to vote for directors) but does not include nonvoting patrons. (Some duplication exists because some farmers belong to more than one cooperative.) ⁵Estimated gross business includes all business reported between cooperatives, such as the wholesale business of farm supply cooperatives with other cooperatives or terminal market sales for local cooperatives. ⁶Estimated net business represents the value at the first level at which cooperatives transact business for farmers, adjusted for duplication resulting from intercooperative business. ⁷Services related to marketing or purchasing but not included in the volumes reported for those activities, plus other operating and non-operating income and losses and extraordinary items.

Rural Development, Cooperative Programs, (202) 720-7395.

Table 10-8.—Farmers' cooperatives: Business volume of marketing, farm supply, and related service cooperatives, United States, 2017–2018

Item	Gross business		Net business ¹	
	2017	2018	2017	2018
	<i>Billion dollars</i>			
Products marketed:				
Beans and peas (dry edible)	0.275	0.225	0.272	0.218
Cotton and cotton products	2.956	3.549	2.900	3.420
Dairy products	42.338	40.835	39.417	37.887
Fish	0.219	0.239	0.219	0.239
Fruits and vegetables	8.256	9.391	6.418	7.531
Grain and oilseeds ²	47.169	51.318	46.596	50.211
Livestock and livestock products	3.976	3.990	3.976	3.990
Nuts	1.588	1.725	1.588	1.725
Poultry products	0.710	1.796	0.710	1.796
Rice	1.523	1.694	1.523	1.694
Sugar products	5.478	5.941	4.247	4.964
Tobacco	0.321	0.340	0.321	0.340
Wool and mohair	0.009	0.012	0.009	0.012
Other products ³	4.989	5.276	4.558	4.933
Total farm products	119.807	126.333	112.754	118.962
Supplies purchased:				
Crop protectants	10.821	8.941	6.970	6.208
Feed	11.005	11.859	8.938	9.905
Fertilizer	12.051	13.367	9.884	10.438
Petroleum	26.292	26.886	16.963	19.037
Seed	5.680	5.861	3.507	3.689
Other supplies ⁴	5.905	4.814	5.254	4.356
Total farm supplies	71.754	71.728	51.516	53.634
Receipts for services:⁵				
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous	5.440	5.753	5.440	5.753
Total business	197.002	203.814	169.710	178.349

¹Represents value at the first level at which cooperatives transact business for farmers; adjusted for inter-cooperative business. ²Excludes oilseed meal and oil. Oilseed meal is included in feed sales while oil sales are included in other products sales. ³Includes coffee, forest products, hay, hops, seed marketed for growers, nursery stock, other farm products not separately classified, and sales of farm products not received directly from member-patrons. Also includes manufactured food products and resale items marketed by cooperatives. ⁴Includes automotive supplies, building material, chicks, containers, farm machinery and equipment, hardware, meats and groceries, and other supplies not separately classified. ⁵Trucking, cotton ginning, storage, grinding, locker plants, and/or miscellaneous services related to marketing or purchasing but not included in the volume reported for those activities, plus other operating and non-operating income and losses and extraordinary items.

Rural Development, Cooperative Programs, (202) 720-7395.

Table 10-9.—Farmers’ cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm supply, and related service cooperatives, by State, United States and Foreign, 2017–2018

State	Cooperatives headquartered in State		Memberships in State ¹		Net business ²	
	2017	2018	2017	2018	2017	2018
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Million dollars</i>	<i>Million dollars</i>
Alabama	44	43	25,500	24,873	808.84	1,018.76
Arkansas	28	27	31,027	38,173	2,031.49	2,274.61
California	102	101	34,538	34,963	12,569.71	13,692.10
Colorado	25	25	17,849	18,702	2,174.24	2,526.49
Florida	24	23	18,258	21,082	2,260.42	2,364.74
Georgia	10	9	13,947	13,784	1,230.56	1,155.42
Hawaii	9	9	488	488	19.83	17.66
Idaho	21	20	12,896	13,449	2,407.56	2,303.20
Illinois	91	89	122,443	109,333	11,510.42	11,129.04
Indiana	29	26	57,420	49,953	3,750.11	3,891.75
Iowa	76	73	95,266	99,594	17,047.01	18,315.75
Kansas	77	75	96,298	104,930	6,987.48	6,869.97
Kentucky	20	20	160,955	161,973	1,361.59	1,403.25
Louisiana	27	25	9,410	7,731	1,608.10	1,320.14
Maine	21	21	5,488	5,574	280.46	277.22
Maryland	11	11	36,380	35,614	605.81	431.34
Massachusetts	7	7	4,716	4,959	283.26	342.86
Michigan	35	33	38,651	42,817	4,829.56	4,645.24
Minnesota	170	160	129,738	125,853	19,202.38	16,172.06
Mississippi	40	38	42,324	42,886	1,091.70	1,351.86
Missouri	54	50	93,657	93,482	5,188.49	4,972.42
Montana	41	42	22,444	18,768	2,098.14	1,408.91
Nebraska	38	38	58,154	60,174	8,080.10	8,318.59
New Jersey	10	11	1,608	1,715	249.90	313.13
New York	47	42	10,903	10,284	3,809.87	3,930.56
North Carolina	10	11	23,132	21,887	827.14	778.95
North Dakota	123	120	70,530	67,092	7,830.60	6,732.53
Ohio	34	33	39,847	39,060	4,849.47	4,808.19
Oklahoma	47	47	38,493	42,154	1,610.13	1,993.07
Oregon	26	24	26,624	29,422	4,398.51	3,596.39
Pennsylvania	27	24	12,828	12,471	2,837.07	3,107.33
South Dakota	65	63	58,812	55,687	6,156.81	5,108.20
Tennessee	57	57	67,622	66,935	1,766.41	1,318.92
Texas	158	157	71,829	75,180	5,690.99	5,865.18
Utah	10	10	10,284	9,299	895.66	737.35
Virginia	44	42	116,785	116,081	1,728.54	1,736.94
Washington	56	50	25,711	25,569	5,065.42	7,367.93
West Virginia	9	9	58,184	58,231	101.40	102.15
Wisconsin	107	100	102,540	102,182	8,896.87	8,765.69
Wyoming	7	7	4,151	4,765	533.54	437.99
Other States ³	34	34	21,801	21,172	4,567.13	4,251.96
United States	1,871	1,806	1,889,529	1,888,340	169,242.72	167,155.87
Foreign ⁴			528	561	606.73	11,193.54
Total	1,871	1,806	1,890,057	1,888,901	169,849.44	178,349.40

¹ Actual memberships in State. ² Represents value at the first level at which cooperatives transact business for farmers; adjusted for inter-cooperative business. Totals may not add due to rounding. ³ Dollar volume or membership is not shown to avoid disclosing operations of individual cooperatives. ⁴ Sales outside the United States and sales of certain products not received directly from member-patrons.

Rural Development, Cooperative Programs, (202) 720-7395.