

## CHAPTER X

### TAXES, INSURANCE, CREDIT, AND COOPERATIVES

The statistics in this chapter deal with taxes, 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.—Taxes levied on farm real estate: Amount levied on farm real estate, amount per acre, and amount per \$100 of full value, by States, 1994 and 1995<sup>1</sup>**

State	Amount levied on farm real estate		Taxes per acre, amount		Taxes per \$100 of full value	
	1994	1995	1994	1995	1994	1995
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
AL .....	11.4	11.9	1.32	1.37	0.14	0.14
AZ .....	50.5	52.8	6.02	6.63	1.92	2.03
AR .....	38.5	45.4	2.86	3.36	0.36	0.40
CA .....	344.4	358.3	14.21	14.92	0.83	0.85
CO .....	89.5	87.1	3.13	3.07	0.73	0.67
CT .....	9.9	10.3	28.69	29.88	0.61	0.64
DE .....	1.2	1.4	2.17	2.46	0.08	0.09
FL .....	130.8	170.2	13.68	17.90	0.62	0.80
GA .....	53.5	54.2	5.40	5.40	0.55	0.52
HI .....	41.6	41.4	24.59	24.47	0.74	0.74
ID .....	39.7	36.6	3.58	3.39	0.46	0.40
IL .....	465.7	485.4	16.55	17.26	1.01	0.99
IN .....	142.8	140.0	8.97	8.85	0.61	0.56
IA .....	350.6	412.6	11.21	13.21	0.85	0.94
KS .....	111.5	114.8	2.41	2.49	0.45	0.45
KY .....	44.0	45.6	3.22	3.35	0.28	0.28
LA .....	17.8	18.2	2.48	2.54	0.26	0.26
ME .....	13.9	14.4	11.31	11.83	1.05	1.08
MD .....	24.7	25.3	11.59	11.96	0.40	0.41
MA .....	14.9	14.9	27.68	27.72	0.69	0.68
MI .....	176.1	171.6	17.63	17.25	1.45	1.32
MN .....	206.2	219.9	7.86	8.36	0.87	0.88
MS .....	22.5	23.1	2.31	2.38	0.28	0.27
MO .....	79.7	84.1	2.78	2.93	0.37	0.37
MT .....	71.4	76.9	1.48	1.60	0.49	0.50
NE .....	426.0	466.5	9.74	10.61	1.53	1.59
NV .....	4.1	4.4	0.78	0.90	0.34	0.36
NH .....	9.6	9.8	24.99	25.04	1.05	1.04
NJ .....	36.6	40.1	43.67	4806	0.90	0.99
NM .....	12.2	12.0	0.40	0.40	0.17	0.17
NY .....	156.3	153.7	20.33	20.11	1.63	1.60
NC .....	60.3	58.8	7.26	7.05	0.54	0.50
ND .....	92.1	97.9	2.47	2.63	0.60	0.62
OH .....	175.4	173.2	11.99	11.87	0.87	0.81
OK .....	65.1	65.2	2.09	2.08	0.39	0.37
OR .....	70.7	63.6	4.47	4.03	0.60	0.51
PA .....	133.7	139.7	18.49	19.33	0.97	0.99
RI .....	2.9	3.1	56.75	58.43	1.06	1.11
SC .....	20.2	20.3	4.42	4.41	0.48	0.46
SD .....	139.9	110.5	3.78	2.99	0.98	0.74
TN .....	52.7	55.7	4.65	4.92	0.44	0.43
TX .....	391.4	386.7	3.14	3.10	0.64	0.61
UT .....	12.6	13.7	1.83	1.91	0.36	0.36
VT .....	21.9	21.5	16.56	16.31	1.31	1.27
VA .....	63.5	63.5	7.80	7.81	0.58	0.56
WA .....	77.0	87.9	6.07	6.98	0.68	0.74
WV .....	5.0	5.2	1.49	1.53	0.21	0.21
WI .....	307.6	301.5	19.46	19.21	2.00	1.86
WY .....	18.6	19.8	0.79	0.83	0.47	0.47
US .....	4908.6	5090.7	5.86	5.94	0.75	0.73

<sup>1</sup> Totals may not add due to rounding. Excludes Alaska. NA-not available.  
ERS, Agricultural Real Estate Tax Survey. Resources Economics Division, (202) 694-5527.

**Table 10-2.—Taxes levied on farm real estate: Amount, amount per acre, index numbers of amount per acre, United States, 1988–97<sup>1</sup>**

Year	Farm real estate		
	Amount	Taxes per acre	
		Amount	Index
	<i>Million dollars</i>	<i>Dollars</i>	<i>1977=100</i>
1988 .....	4,278.4	4.92	147
1989 .....	4,395.5	5.06	151
1990 .....	4,558.8	5.27	158
1991 .....	4,743.3	5.61	169
1992 .....	4,869.2	5.78	174
1993 .....	5,023.3	5.98	180
1994 .....	4,908.6	5.86	175
1995 .....	5090.7	5.94	177
1996 .....	NA	NA	NA
1997 .....	NA	NA	NA

<sup>1</sup> Excludes Alaska. NA-not available.  
ERS, Resource Economics Division, (202) 694-5527.

**Table 10-3.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1948–98**

Crop	Year	Drought heat (excess)	Hail	Precip. (excess poor drainage)	Frost freeze, (other cold damage)	Flood	Cy-clone, tornado, wind, hot wind	In-sects	Dis-ease	All others
		<i>Per-cent</i>	<i>Per-cent</i>	<i>Per-cent</i>	<i>Per-cent</i>	<i>Per-cent</i>	<i>Per-cent</i>	<i>Per-cent</i>	<i>Per-cent</i>	<i>Per-cent</i>
Almonds .....	1981-97	1	2	72	22	0	2	0	0	1
Apples .....	1963-98	8	27	0	54	0	3	0	0	9
Avocados .....	1998	12	0	2	0	0	27	33	0	25
Barley .....	1956-98	53	12	17	3	1	1	5	2	5
Blueberries .....	1995-98	20	1	1	67	0	9	0	0	0
Burley tobacco .....	1997-98	66	2	15	5	3	0	0	9	0
Canning beans .....	1988-97	46	5	20	16	0	4	1	6	2
Canning peaches .....	1986-87	4	0	92	0	0	0	0	0	4
Canola .....	1995-98	12	5	80	1	0	1	1	1	0
Cherries .....	1963-66	0	8	0	89	0	3	0	0	0
Cigar binder tobacco .....	1997-98	1	12	36	0	0	1	0	50	0
Cigar filler tobacco .....	1998	0	0	0	0	0	0	5	95	0
Cigar wrapper tobacco ..	1997-98	0	0	0	0	0	0	0	100	0
Citrus .....	1951-97	1	1	1	95	0	2	0	0	0
Citrus I .....	1998	0	100	0	0	0	0	0	0	0
Citrus IV .....	1998	0	100	0	0	0	0	0	0	0
Citrus trees .....	1983-93	0	0	0	100	0	0	0	0	0
Citrus VII .....	1998	0	89	0	0	0	11	0	0	0
Combined crop .....	1948-87	0	0	0	0	0	0	0	0	100
Corn .....	1948-98	46	7	24	11	3	3	0	1	5
Cotton .....	1948-98	44	14	19	13	2	5	2	1	1
Cotton ex long staple .....	1984-98	40	12	10	22	1	6	8	2	1
Cranberries .....	1984-98	8	11	10	48	1	4	1	1	16
Dark air tobacco .....	1997-98	25	6	30	9	1	9	0	19	0
Dry beans .....	1948-98	24	21	27	17	1	2	0	5	2
Dry peas .....	1963-98	35	23	17	16	0	3	1	5	1
Early and midseason oranges .....	1998	0	0	0	100	0	0	0	0	0
Figs .....	1990-93	12	0	50	21	0	4	0	0	12
Fire cured tobacco .....	1997-98	19	6	30	2	2	4	0	12	25
Flax .....	1948-98	45	8	25	6	1	6	2	2	5
Flue cured tobacco .....	1997-98	47	13	3	2	0	10	0	25	0
Forage production .....	1979-98	27	1	20	49	2	0	1	0	2
Forage seeding .....	1978-98	27	0	15	51	0	4	2	0	1
Fresh apricots .....	1997	0	30	65	5	0	0	0	0	0
Fresh freestone peaches .....	1997-97	0	26	49	24	0	0	0	0	1
Fresh market sweet corn .....	1986-98	1	4	11	77	0	6	0	0	1
Fresh market tomatoes .....	1984-98	3	6	14	59	0	17	0	0	1
Fresh nectarines .....	1997	15	28	34	23	0	0	0	0	0
Fresh plum .....	1990-97	3	33	40	21	0	1	0	0	2

See end of table.

**Table 10-3.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1948-98—Continued**

Crop	Year	Drought heat (excess)	Hail	Precip. (excess poor drainage)	Frost freeze, (other cold damage)	Flood	Cy-clone, tornado, wind, hot wind	In-sects	Dis-ease	All others
		Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent
Grain sorghum .....	1959-98	59	4	16	11	2	4	3	0	1
Grapefruit .....	1998	20	0	0	80	0	0	0	0	0
Grapes .....	1967-98	16	5	25	43	1	4	0	0	6
Green peas .....	1963-98	37	7	34	10	1	5	0	3	5
Grp soybeans .....	1993-93	0	0	0	0	0	0	0	0	100
Hybrid corn seed .....	1983-98	65	2	24	3	1	2	0	2	1
Hybrid sorghum seed .....	1990-97	5	31	3	51	0	8	0	0	1
Income protection corn .....	1996	0	0	93	6	1	0	0	0	0
Income protection cotton .....	1996	64	0	36	0	0	0	0	0	0
Income protection wheat .....	1996	76	0	24	0	0	0	0	0	0
Late oranges .....	1998	0	0	0	100	0	0	0	0	0
Lemons .....	1998	0	0	36	64	0	0	0	0	0
Macadamia nuts .....	1988-93	100	0	0	0	0	0	0	0	0
Macadamia trees .....	1988-93	0	0	0	0	0	0	0	0	0
Mandarins .....	1997	0	0	0	100	0	0	0	0	0
Mango trees .....	1997	0	0	0	100	0	0	0	0	0
Maryland tobacco .....	1997	100	0	0	0	0	0	0	0	0
Millet .....	1996-98	15	21	52	1	0	3	0	0	8
Minneola tangelos .....	1998	2	0	89	4	0	5	0	0	0
Navel oranges .....	1998-98	6	12	10	1	0	40	0	0	31
Nursery .....	1986-98	5	4	14	18	4	39	6	10	1
Oats .....	1956-98	62	10	17	5	0	2	1	1	2
Onions .....	1989-98	18	27	18	10	3	8	0	8	7
Orange trees .....	1996	0	0	0	100	0	0	0	0	0
Oranges .....	1966-80	0	0	0	100	0	0	0	0	0
Oranges .....	1997	0	0	0	100	0	0	0	0	0
Orlando tangelos .....	1998	0	0	0	100	0	0	0	0	0
Peaches .....	1963-98	3	14	1	81	0	1	0	0	1
Peanuts .....	1963-98	73	0	13	3	0	1	0	8	2
Pears .....	1989-97	0	12	7	70	4	0	0	0	6
Pecans .....	1998	48	7	0	1	0	38	0	3	3
Peppers .....	1986-98	0	13	34	45	0	8	0	0	0
Plums .....	1998	1	47	34	19	0	0	0	0	0
Popcorn .....	1984-98	47	9	20	11	3	3	1	3	3
Potatoes .....	1963-98	26	5	32	21	3	3	1	9	1
Prevented planting .....	1982-86	0	0	97	0	3	0	0	0	0
Prevented planting endors ..	1986-93	26	0	14	0	56	0	0	0	3
Processing apricots .....	1997	2	8	21	69	0	0	0	0	0
Processing beans .....	1998	49	5	38	0	0	0	0	7	2
Processing cling peaches ..	1997	21	0	72	6	1	0	0	0	0
Processing freestone .....	1998	0	0	87	13	0	0	0	0	0
Prunes .....	1986-98	11	1	73	9	0	3	0	0	3
Raisins .....	1961-93	0	0	100	0	0	0	0	0	0
Revenue coverage corn .....	1996-96	5	33	37	4	17	1	1	2	0
Revenue coverage soy-beans .....	1996-96	8	17	39	11	15	1	0	8	0
Rice .....	1958-98	10	0	46	10	7	1	10	1	10
Rio red & star ruby .....	1998	0	0	0	100	0	0	0	0	0
Ruby red grapefruit .....	1998	0	0	0	100	0	0	0	0	0
Rye .....	1981-97	52	11	17	15	2	2	1	0	1
Safflower .....	1966-98	70	2	3	11	0	10	1	2	1
Soybeans .....	1956-90	52	7	30	4	4	1	0	1	2
Special citrus .....	1992-93	0	13	0	87	0	0	0	0	0
Stonefruit .....	1988-96	8	12	48	19	0	4	0	0	9
Sugar beets .....	1966-98	20	6	36	11	3	7	3	11	3
Sugarcane .....	1967-98	6	0	9	50	0	5	6	11	14
Sunflowers .....	1976-90	24	10	31	17	0	2	5	2	8
Sweet corn .....	1978-98	40	3	30	19	1	3	0	1	2
Sweet oranges .....	1998	0	0	0	100	0	0	0	0	0
Sweetpotatoes .....	1998	97	0	0	0	0	0	2	0	0
Table grapes .....	1984-96	28	8	43	11	0	4	0	0	6
Tangelos .....	1997	5	0	0	95	0	0	0	0	0
Tobacco .....	1948-96	40	12	26	2	1	6	0	9	4
Tomatoes .....	1963-98	34	2	48	6	1	2	1	3	4
Tung nuts .....	1965	0	0	0	100	0	0	0	0	0
Valencia oranges .....	1998	0	11	16	5	0	23	0	0	45
Walnuts .....	1984-97	25	2	43	20	0	8	1	0	2
Wheat .....	1948-98	43	14	16	12	1	3	2	4	5

GRP crops do not have any specific cause of loss.  
RMA, Program Automation Branch, (816) 926-7910.

**Table 10-4.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1996–98<sup>1</sup>**

Commodity and year	Coverage				Amount of premium 1,000 dollars	Indemnities		
	County programs	Insured units <sup>2</sup>	Area insured <sup>3</sup>	Maximum insured production		Number	Area indemnified <sup>3</sup>	Amount
	Number	Number	1,000 acres	1,000 dollars				
All other citrus trees:								
1996	NA	225	0	10,705	262	0	0	0
1997	4	259	0	11,896	284	0	0	0
1998	4	307	0	12,954	268	0	0	0
All other grapefruit:								
1997	6	1	0	0	0	0	0	0
1998	6	1	0	0	0	0	0	0
Almonds:								
1996	NA	3,849	254	287,510	19,296	871	50	13,380
1997	32	3,710	256	332,297	22,132	67	5	1,703
1998	32	3,809	268	386,860	24,921	1,536	82	35,594
Apples:								
1996	NA	4,290	222	218,792	12,441	786	26	9,882
1997	578	4,166	226	250,322	14,133	749	25	12,706
1998	578	4,302	243	264,345	14,670	759	22	10,719
Avocado trees:								
1996	NA	184	0	3,223	85	1	0	0
1997	2	214	0	3,656	95	0	0	0
1998	2	221	0	3,184	89	0	0	0
Avocado:								
1997	2	290	8	10,513	2,104	19	0	144
1998	2	318	8	11,686	2,059	5	0	28
Barley:								
1996	NA	68,682	4,821	244,224	24,030	11,279	758	13,415
1997	1,120	60,591	4,456	248,210	23,733	13,293	922	20,922
1998	1,120	49,408	3,999	226,793	20,049	8,034	705	17,437
Blueberries:								
1996	NA	346	13	6,135	569	109	3	480
1997	35	349	27	10,875	1,033	32	1	200
1998	35	269	22	9,852	816	39	2	204
Burley tobacco:								
1997	277	45,083	151	255,737	14,651	7,095	33	26,091
1998	277	32,908	131	247,665	15,809	9,904	49	46,940
Beans, canning:								
1996	NA	800	60	8,786	672	70	4	362
1997	123	792	60	9,582	761	121	7	675
Canola:								
1996	NA	5,168	282	15,223	2,517	3,162	184	4,280
1997	16	6,710	407	25,612	3,621	3,309	195	5,368
1998	16	9,449	791	55,349	6,643	1,538	138	4,079
Carambola trees:								
1996	NA	18	0	263	7	0	0	0
1997	1	22	0	290	7	0	0	0
1998	1	20	0	613	18	0	0	0
Cigar binder tobacco:								
1997	16	997	4	11,691	656	133	1	2,271
1998	16	1,035	4	18,573	1,083	233	1	5,486
Cigar filler tobacco:								
1997	3	8	0	85	4	0	0	0
1998	3	6	0	68	4	3	0	4
Cigar wrapper tobacco:								
1997	5	25	1	10,261	409	4	0	119
1998	5	29	1	13,704	560	1	0	934
Citrus:								
1996	NA	5,311	440	194,210	17,960	182	6	714
1997	0	5,621	423	179,282	13,733	0	0	0
Citrus I:								
1997	29	2,133	219	112,722	2,363	1	0	3
1998	29	2,130	225	99,743	2,096	1	0	14
Citrus II:								
1997	29	821	105	58,598	1,409	0	0	0
1998	29	1,534	197	91,218	2,200	0	0	0
Citrus III:								
1997	29	87	5	2,003	48	0	0	0
1998	29	106	7	1,891	42	0	0	0
Citrus IV:								
1997	29	1,126	35	24,995	655	6	0	45
1998	29	1,101	35	17,473	481	4	0	24
Citrus trees:								
1996	NA	2,109	26	60,288	3,549	2	0	12
1997	0	1	0	61	4	0	0	0

See footnotes at end of table. GRP is the Group Risk Plan of Insurance.

**Table 10-4.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1996–98<sup>1</sup>—Continued**

Commodity and year	Coverage				Amount of premium <i>1,000 dollars</i>	Indemnities		
	County programs	Insured units <sup>2</sup>	Area insured <sup>3</sup>	Maximum insured production		Number	Area indemnified <sup>3</sup>	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>
Citrus trees I:								
1997 .....	6	669	7	16,504	1,087	0	0	0
Citrus trees II:								
1997 .....	6	107	1	1,660	119	0	0	0
Citrus trees III:								
1997 .....	6	3	0	16	2	0	0	0
Citrus trees IV:								
1997 .....	6	881	13	30,071	2,580	0	0	0
Citrus trees V:								
1997 .....	6	264	4	8,465	782	0	0	0
Citrus V:								
1997 .....	29	401	10	13,265	406	0	0	0
1998 .....	29	406	11	13,324	418	4	0	93
Citrus VI:								
1997 .....	4	19	2	654	13	0	0	0
1998 .....	4	20	1	634	13	0	0	0
Citrus VII:								
1997 .....	29	1,983	231	127,971	3,382	8	1	643
1998 .....	29	1,496	147	47,843	1,298	5	1	47
Corn:								
1996 .....	NA	729,404	47,263	6,626,121	407,336	84,513	5,697	216,473
1997 .....	2,950	781,780	49,351	7,665,222	460,580	55,783	3,672	152,102
1998 .....	2,950	787,065	51,134	8,949,067	535,073	101,024	7,231	356,361
Cotton:								
1996 .....	NA	158,081	12,542	2,144,664	266,205	44,286	5,230	294,356
1997 .....	684	139,021	11,486	2,092,641	252,371	20,963	2,180	171,499
1998 .....	684	137,409	11,589	2,135,207	253,917	56,089	6,675	410,378
Cotton ELS:								
1996 .....	NA	784	169	62,956	3,210	61	5	1,170
1997 .....	30	568	160	64,728	2,887	17	4	907
1998 .....	30	1,400	279	89,416	8,011	845	141	22,547
Cranberries:								
1996 .....	NA	574	23	80,688	3,352	49	1	1,737
1997 .....	55	611	24	98,278	4,126	25	1	965
1998 .....	55	608	25	109,420	4,710	48	1	1,482
Dark air tobacco:								
1997 .....	37	832	1	1,522	53	36	0	60
1998 .....	37	583	1	1,866	72	57	0	105
Dry beans:								
1996 .....	NA	24,636	1,327	200,442	23,735	3,074	207	12,707
1997 .....	281	23,114	1,294	201,230	25,127	3,779	249	18,247
1998 .....	281	23,976	1,468	219,707	26,631	3,628	275	19,443
Dry Peas:								
1996 .....	NA	2,932	194	13,339	795	727	81	1,414
1997 .....	37	2,657	206	16,490	1,065	130	13	529
1998 .....	37	2,542	195	14,638	1,048	266	28	1,070
Early and Midseason oranges:								
1997 .....	6	380	6	1,710	93	32	0	34
1998 .....	6	356	5	1,476	81	4	0	2
Figs:								
1996 .....	NA	90	8	6,941	548	4	0	61
1997 .....	4	89	8	6,753	532	2	0	51
1998 .....	4	89	8	4,764	336	26	3	897
Fired cured tobacco:								
1997 .....	43	1,749	5	11,506	466	86	0	451
1998 .....	43	1,569	5	13,632	580	199	1	1,016
Flax:								
1996 .....	NA	1,656	67	1,757	299	654	23	329
1997 .....	95	2,002	101	3,144	471	746	32	498
1998 .....	95	3,183	213	7,751	962	329	21	422
Flue cured tobacco:								
1997 .....	173	41,607	382	933,277	31,741	3,502	38	41,157
1998 .....	173	40,000	313	795,654	27,849	6,865	62	79,474
Forage production:								
1996 .....	NA	19,621	1,624	149,994	9,094	1,776	140	6,870
1997 .....	617	11,204	976	125,314	6,377	553	46	2,582
1998 .....	617	9,717	1,116	139,956	5,861	452	59	2,762
Forage seeding:								
1996 .....	NA	2,472	69	4,477	458	267	9	367
1997 .....	153	2,885	93	6,584	697	307	11	501
1998 .....	153	2,875	88	6,416	702	281	11	457
Fresh apricots:								
1997 .....	13	139	3	3,717	330	6	0	97
1998 .....	13	149	3	4,784	428	31	1	601
Fresh freestone peaches:								
1997 .....	7	522	17	9,892	527	12	0	47
1998 .....	7	560	17	12,627	685	20	0	183

See footnotes at end of table.

**Table 10-4.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1996–98<sup>1</sup>—Continued**

Commodity and year	Coverage				Amount of premium 1,000 dollars	Indemnities		
	County programs	Insured units <sup>2</sup>	Area insured <sup>3</sup>	Maximum insured production		Number	Area indemnified <sup>3</sup>	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars		1,000 acres	1,000 dollars
Fresh market sweet corn:								
1996 .....	NA	453	33	14,500	970	46	3	475
1997 .....	15	454	32	14,386	1,003	23	3	1,370
1998 .....	15	466	41	16,445	1,140	18	1	236
Fresh market tomatoes:								
1996 .....	NA	450	45	68,593	5,899	143	6	8,989
1997 .....	49	486	45	65,422	5,780	114	4	4,339
1998 .....	49	717	56	86,884	7,641	74	2	3,654
Fresh nectarines:								
1997 .....	7	543	20	16,386	999	20	0	253
1998 .....	7	573	21	18,293	1,121	74	2	667
Fresh plums:								
1996 .....	NA	851	25	22,580	1,581	89	2	898
1997 .....	7	804	24	20,831	1,394	25	0	260
Grain sorghum:								
1996 .....	NA	197,639	9,816	608,479	71,523	28,168	3,861	66,492
1997 .....	1,413	137,926	6,276	410,888	44,754	11,406	1,059	16,301
1998 .....	1,413	131,361	6,781	433,939	51,067	33,685	4,661	91,926
Grapefruit:								
1996 .....	NA	799	20	10,826	898	25	0	58
1997 .....	16	187	9	6,266	318	9	0	111
1998 .....	16	153	7	5,755	304	0	0	0
Grapefruit trees:								
1996 .....	NA	251	0	9,920	231	0	0	0
1997 .....	4	286	0	9,488	230	0	0	0
1998 .....	4	289	0	10,907	238	0	0	0
Grapes:								
1996 .....	NA	7,295	376	269,234	14,531	606	23	9,355
1997 .....	137	7,744	403	296,161	16,045	240	6	1,436
1998 .....	137	9,353	471	432,652	23,026	907	27	7,390
Green peas:								
1996 .....	NA	3,045	145	18,600	1,745	416	21	1,162
1997 .....	118	3,043	154	23,273	2,108	643	31	2,203
1998 .....	118	2,978	149	21,963	2,065	553	28	1,975
GRP corn:								
1996 .....	NA	4,595	850	297,720	7,660	580	163	5,300
GRP cotton:								
1996 .....	NA	1	0	61	9	1	0	28
GRP forage production:								
1996 .....	NA	5,994	531	89,178	2,077	89	9	137
GRP grain sorghum:								
1996 .....	NA	18	4	536	38	0	0	0
GRP peanuts:								
1996 .....	NA	3	1	728	20	0	0	0
GRP soybeans:								
1996 .....	NA	2,913	495	129,370	2,005	271	69	1,600
GRP wheat:								
1996 .....	NA	58	22	2,136	108	4	0	1
Hybrid corn seed:								
1996 .....	NA	9,391	524	160,572	15,536	618	44	2,822
1997 .....	375	8,608	475	138,552	12,976	855	56	3,917
1998 .....	375	6,874	399	125,988	11,970	685	49	3,260
Hybrid sorghum seed:								
1996 .....	NA	738	39	8,439	1,284	25	3	567
1997 .....	17	740	45	9,147	1,381	34	4	368
1998 .....	17	652	38	7,844	1,113	93	6	530
Income protection corn:								
1996 .....	NA	1,048	120	35,692	1,266	85	6	158
Income protection cotton:								
1996 .....	NA	83	25	8,834	1,167	2	1	298
Income protection wheat:								
1996 .....	NA	461	171	18,588	1,856	146	34	715
Kinnow mandarins:								
1997 .....	5	16	1	380	61	0	0	0
Late oranges:								
1997 .....	6	66	1	171	21	1	0	0
1998 .....	6	61	1	119	17	1	0	0
Lemons:								
1996 .....	NA	447	26	33,216	1,935	1	0	69
1997 .....	29	599	36	45,634	2,491	3	0	5
1998 .....	29	636	38	48,616	2,657	155	8	4,475

See footnotes at end of table.

**Table 10-4.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1996–98<sup>1</sup>—Continued**

Commodity and year	Coverage				Amount of premium 1,000 dollars	Indemnities		
	County programs	Insured units <sup>2</sup>	Area insured <sup>3</sup>	Maximum insured production		Number	Area indemnified <sup>3</sup>	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars		1,000 acres	1,000 dollars
<b>Lime trees:</b>								
1996 .....	NA	42	0	2,106	58	0	0	0
1997 .....	1	47	0	2,365	64	0	0	0
1998 .....	1	55	0	2,715	69	0	0	0
<b>Macadamia nuts:</b>								
1996 .....	NA	58	15	11,876	117	3	0	31
1997 .....	6	35	13	10,780	108	0	0	0
1998 .....	6	47	14	11,549	115	0	0	0
<b>Macadamia trees:</b>								
1996 .....	NA	114	13	52,564	576	0	0	0
1997 .....	7	114	13	54,001	592	0	0	0
1998 .....	7	122	14	62,346	724	0	0	0
<b>Mandarins:</b>								
1996 .....	NA	9	0	151	37	4	0	74
1997 .....	7	4	0	76	5	3	0	10
1998 .....	7	20	1	434	85	0	0	0
<b>Mango trees:</b>								
1996 .....	NA	35	0	583	15	0	0	0
1997 .....	2	50	0	670	17	2	0	2
1998 .....	2	48	0	594	16	0	0	0
<b>Maryland tobacco:</b>								
1997 .....	6	60	1	552	18	3	0	40
1998 .....	6	43	0	415	14	6	0	47
<b>Millet:</b>								
1996 .....	NA	1,959	129	4,709	562	343	28	396
1997 .....	5	1,206	73	3,289	382	114	8	143
1998 .....	5	844	51	2,115	236	98	10	192
<b>Minneola tangelos:</b>								
1997 .....	15	118	3	3,322	289	6	0	248
1998 .....	15	126	3	2,772	237	60	2	1,349
<b>Naval oranges:</b>								
1997 .....	26	1,946	88	65,865	3,834	19	1	164
1998 .....	26	2,089	93	78,396	4,741	1,267	62	34,901
<b>Nursery:</b>								
1996 .....	NA	1,076	0	474,979	9,296	56	0	8,111
1997 .....	50	948	92	506,074	11,740	47	0	7,220
1998 .....	50	1,617	17	809,102	18,489	51	0	6,329
<b>Oats:</b>								
1996 .....	NA	32,484	1,191	33,203	4,880	6,417	285	3,892
1997 .....	1,642	26,203	1,089	34,900	5,094	5,957	295	5,088
1998 .....	1,642	20,761	940	33,384	4,222	2,589	121	2,645
<b>Onions:</b>								
1996 .....	NA	785	41	17,830	1,377	79	6	1,817
1997 .....	60	598	35	20,590	1,621	65	3	1,114
1998 .....	60	816	62	59,717	5,238	92	7	2,732
<b>Orange trees:</b>								
1996 .....	NA	465	0	78,576	1,441	1	0	1
1997 .....	4	606	0	95,983	1,798	0	0	0
1998 .....	4	730	0	118,311	2,267	0	0	0
<b>Oranges:</b>								
1996 .....	NA	3,006	125	91,351	5,713	39	1	443
1997 .....	0	169	7	3,649	185	0	0	0
<b>Orlando tangelos:</b>								
1997 .....	10	19	0	302	34	4	0	23
1998 .....	10	18	0	325	38	2	0	11
<b>Peaches:</b>								
1996 .....	NA	1,530	52	22,387	3,123	1,000	37	14,754
1997 .....	428	1,419	47	21,192	2,940	405	11	3,941
1998 .....	428	1,290	42	19,144	2,902	373	14	3,887
<b>Peanuts:</b>								
1996 .....	NA	33,806	1,239	543,216	41,775	5,982	233	33,970
1997 .....	312	30,770	1,180	466,945	36,158	7,774	285	45,927
1998 .....	312	29,756	1,281	501,785	38,288	6,105	284	45,031
<b>Pears:</b>								
1996 .....	NA	775	29	23,112	908	106	3	401
1997 .....	39	770	32	24,516	960	8	0	56
1998 .....	39	983	36	35,221	1,276	41	1	252
<b>Pecans:</b>								
1998 .....	7	135	56	35,387	4,986	23	5	526
<b>Peppers:</b>								
1996 .....	NA	84	9	17,313	1,830	36	3	5,364
1997 .....	13	77	8	17,801	2,204	12	1	1,302
1998 .....	13	104	8	20,733	2,930	20	1	2,757

See footnotes at end of table.

**Table 10-4.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1996–98<sup>1</sup>—Continued**

Commodity and year	Coverage				Amount of premium <i>1,000 dollars</i>	Indemnities		
	County programs	Insured units <sup>2</sup>	Area insured <sup>3</sup>	Maximum insured production		Number	Area indemnified <sup>3</sup>	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>
Plums:								
1998 .....	0	974	24	16,732	1,160	0	0	0
Popcorn:								
1996 .....	NA	2,133	120	21,378	1,503	187	17	1,283
1997 .....	316	2,850	210	43,740	3,547	433	91	7,223
1998 .....	316	2,725	195	39,950	3,066	407	64	4,694
Potatoes:								
1996 .....	NA	6,508	791	468,590	29,077	861	68	29,849
1997 .....	309	5,317	682	450,374	28,802	936	75	25,789
1998 .....	309	5,530	800	531,892	38,036	1,017	83	33,284
Processing apricots:								
1997 .....	13	173	7	7,003	676	8	0	45
1998 .....	13	159	7	7,747	776	26	1	767
Processing beans:								
1998 .....	123	781	62	9,696	871	94	6	415
Processing cling peaches:								
1997 .....	10	581	15	17,233	869	43	1	334
1998 .....	10	697	16	21,544	1,155	96	1	603
Processing freestone:								
1997 .....	7	101	3	3,474	194	0	0	0
1998 .....	7	84	3	2,444	140	5	0	40
Prunes:								
1996 .....	NA	1,048	56	65,026	6,192	51	2	1,108
1997 .....	14	988	56	64,912	6,002	95	5	2,007
1998 .....	14	985	59	48,995	4,365	707	63	17,855
Raisins:								
1996 .....	NA	2,669	171	88,251	8,683	0	0	0
1997 .....	7	2,391	171	86,399	7,987	0	0	0
1998 .....	7	2,820	273	155,161	14,046	222	26	1,096
Revenue coverage corn:								
1996 .....	NA	133,681	7,800	1,860,845	110,765	11,431	817	43,208
Revenue coverage soybeans:								
1996 .....	NA	78,782	3,538	657,368	31,084	4,786	290	10,277
Rice:								
1996 .....	NA	21,913	1,942	290,578	10,148	362	52	1,648
1997 .....	138	15,240	1,716	335,787	12,137	857	151	8,130
1998 .....	138	15,475	2,030	435,915	16,453	1,129	183	14,026
Rio Red & Star Ruby:								
1997 .....	6	548	11	4,841	726	81	1	224
1998 .....	6	512	11	5,145	773	8	0 22	
Ruby red grapefruit:								
1997 .....	6	180	4	1,211	147	12	0	8
1998 .....	6	152	3	906	111	0	0	0
Rye:								
1996 .....	NA	652	32	938	87	51	3	48
1997 .....	41	376	20	743	69	94	5	122
1998 .....	41	554	36	1,349	130	65	4	75
Safflower:								
1996 .....	NA	774	104	8,019	506	72	12	354
1997 .....	81	623	72	4,609	367	87	12	265
1998 .....	81	1,022	110	5,335	731	203	26	485
Soybeans:								
1996 .....	NA	658,629	40,190	4,348,856	253,314	48,514	3,293	97,848
1997 .....	2,499	695,023	43,525	5,007,905	288,429	48,695	3,224	96,205
1998 .....	2,499	705,395	45,548	5,421,431	314,161	80,102	6,463	200,933
Stonefruit:								
1996 .....	NA	1,996	66	56,816	3,544	197	5	3,183

See footnotes at end of table.



**Table 10-4.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1996–98<sup>1</sup>—Continued**

Commodity and year	Coverage				Amount of premium <i>1,000 dollars</i>	Indemnities		
	County programs	Insured units <sup>2</sup>	Area insured <sup>3</sup>	Maximum insured production		Number	Area indemnified <sup>3</sup>	Amount
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>1,000 dollars</i>
<b>Sugarbeets:</b>								
1996 .....	NA	17,065	1,092	486,776	19,734	2,326	149	11,579
1997 .....	160	16,613	1,090	484,553	21,084	1,896	126	15,160
1998 .....	160	16,191	1,121	498,300	23,263	2,217	148	20,028
<b>Sugarcane:</b>								
1996 .....	NA	5,409	471	95,533	4,204	469	29	5,292
1997 .....	28	4,662	331	82,127	3,528	218	12	1,810
1998 .....	28	5,406	759	188,072	6,925	302	16	4,285
<b>Sunflower:</b>								
1996 .....	NA	36,436	2,161	119,869	14,823	12,247	611	16,670
1997 .....	239	40,438	2,426	162,555	20,308	17,062	848	26,979
1998 .....	239	33,347	2,699	162,686	18,738	6,837	477	14,430
<b>Sweet corn:</b>								
1996 .....	NA	3,718	234	38,301	1,868	213	12	935
1997 .....	171	3,432	217	41,790	1,999	97	5	476
1998 .....	171	3,438	218	39,384	2,020	172	9	777
<b>Sweet oranges:</b>								
1997 .....	12	15	0	66	9	2	0	3
1998 .....	12	23	0	125	12	4	0	6
<b>Sweet potatoes:</b>								
1998 .....	0	447	20	9,274	678	0	0	0
<b>Table grapes:</b>								
1996 .....	NA	400	61	80,104	3,413	9	1	262
1997 .....	12	429	77	106,245	4,415	15	1	581
1998 .....	12	993	87	125,410	4,898	104	3	2,218
<b>Tangelos:</b>								
1996 .....	NA	91	2	1,754	151	9	0	64
1997 .....	0	12	0	138	7	0	0	0
<b>Tobacco:</b>								
1996 .....	NA	111,886	547	1,157,069	40,260	13,996	104	90,551
<b>Tomatoes:</b>								
1996 .....	NA	2,543	206	154,016	6,682	109	9	1,962
1997 .....	110	2,082	179	136,885	5,879	107	7	1,569
1998 .....	110	2,375	228	172,824	7,089	202	14	3,738
<b>Valencia oranges:</b>								
1997 .....	26	1,448	48	34,410	2,403	10	0	75
1998 .....	26	1,556	50	36,713	2,671	773	22	14,762
<b>Walnuts:</b>								
1996 .....	NA	956	55	30,354	1,145	63	4	678
1997 .....	26	807	49	28,339	1,060	26	2	376
1998 .....	26	865	61	40,426	1,500	72	2	720
<b>Wheat:</b>								
1996 .....	NA	774,121	59,724	3,338,243	292,406	211,240	24,087	429,121
1997 .....	2,447	634,466	50,500	3,216,695	313,644	98,547	11,112	247,152
1998 .....	2,447	558,518	44,355	2,899,363	265,487	56,864	5,962	152,041

<sup>1</sup>Data for 1998 are preliminary. <sup>2</sup>Number of farms on which the insured crop was planted including duplication where both the landlord and tenant are insured. Insured farms on which no insured crop was planted are not included. <sup>3</sup>The insured's share of the planted area on the farm. <sup>4</sup>Less than 500. <sup>5</sup>Thousands of tons insured for raisins (not included in total of all commodities). <sup>6</sup>The nursery is available in all states and counties except Alaska and Hawaii. The county count does not include Nursery. <sup>7</sup>Nursery is a container based crop therefore acreage is not shown in this report. <sup>8</sup>Prevented planting endorsement is available on the following crops: Barley, corn, cotton, ELS cotton, grain sorghum, oats, rice, wheat, hybrid corn seed, hybrid sorghum seed, canola, flax, sunflowers, soybeans, and rye.

RMA, Program Automation Branch, (816) 926-7910.

**Table 10-5.—Farm real estate debt: Amount outstanding by farming regions, December 31, 1989–98<sup>1</sup>**

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1989 .....	4,109,130	8,232,809	18,367,338	8,738,177	6,144,922	5,899,984
1990 .....	3,947,387	7,968,263	17,776,575	8,594,807	6,043,812	5,789,721
1991 .....	3,956,044	7,879,171	18,112,021	8,598,713	6,255,157	5,717,068
1992 .....	4,112,518	7,955,498	18,571,881	8,735,914	6,160,201	5,750,907
1993 .....	4,225,679	8,054,166	18,925,500	9,012,984	6,098,602	5,774,239
1994 .....	4,279,584	8,326,818	19,647,100	9,209,160	6,225,866	5,986,644
1995 .....	4,209,999	8,590,997	20,173,969	9,475,739	6,318,832	5,963,890
1996 .....	4,361,893	8,806,742	20,992,414	9,698,135	6,406,038	6,094,847
1997 .....	4,501,110	9,354,068	21,972,845	9,961,567	6,661,529	6,400,437
1998 <sup>2</sup> .....	4,331,507	9,863,472	23,325,630	10,465,276	6,955,985	6,629,569

  

Year	Delta States	Southern Plains	Mountain	Pacific	United States <sup>3</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1989 .....	4,023,261	6,797,640	6,934,530	10,990,327	80,482,191
1990 .....	3,860,375	6,693,679	6,797,448	11,178,683	78,903,126
1991 .....	3,921,360	6,652,667	6,718,050	11,174,029	79,192,661
1992 .....	3,904,423	6,508,897	6,623,770	11,220,642	79,738,417
1993 .....	4,081,189	6,477,892	6,620,553	11,280,603	80,738,585
1994 .....	4,236,316	6,610,909	6,755,581	11,509,349	82,971,225
1995 .....	4,407,071	6,867,236	6,858,828	11,576,106	84,560,910
1996 .....	4,511,602	7,169,360	7,010,136	11,877,465	87,079,331
1997 .....	4,748,915	7,590,562	7,155,300	12,524,045	91,031,125
1998 <sup>2</sup> .....	5,010,012	7,824,385	7,307,074	13,673,234	95,559,725

<sup>1</sup>Includes operator households. Data for 1987–1992 include Commodity Credit Corporation storage and drying facility loans. States included in regions are as follows: Northeast—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, and Maryland; Lake States—Michigan, Wisconsin, and Minnesota; Corn Belt—Ohio, Indiana, Illinois, Iowa, and Missouri; Northern Plains—North Dakota, South Dakota, Nebraska, and Kansas; Appalachian—Virginia, West Virginia, North Carolina, Kentucky, and Tennessee; Southeast—South Carolina, Georgia, Florida, and Alabama; Delta States—Mississippi, Arkansas, and Louisiana; Southern Plains—Oklahoma and Texas; Mountain—Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; Pacific—Washington, Oregon, and California. <sup>2</sup>Preliminary. <sup>3</sup>Includes Alaska and Hawaii.

ERS, Farm Structure and Performance Branch, (202) 694–5586.

**Table 10-6.—Farm real estate debt: Amount outstanding, by States, Dec. 31, 1993–98<sup>1</sup>**

State	1993	1994	1995	1996	1997	1998 <sup>2</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL .....	790,458	785,728	831,755	879,233	932,469	1,009,369
AK .....	10,559	10,602	6,497	8,883	10,103	10,833
AZ .....	505,778	484,131	497,144	491,501	534,882	554,595
AR .....	1,955,910	2,014,731	2,115,849	2,192,741	2,410,180	2,512,826
CA .....	8,164,542	8,365,809	8,468,263	8,774,191	9,267,141	10,165,531
CO .....	1,636,485	1,666,050	1,778,813	1,811,867	1,797,355	1,823,382
CT .....	93,340	93,438	90,234	87,321	125,038	117,815
DE .....	188,427	165,377	175,749	163,195	194,957	193,133
FL .....	2,848,972	3,020,693	2,883,645	2,961,251	3,121,134	3,233,279
GA .....	1,688,047	1,736,074	1,838,174	1,841,792	1,911,317	1,939,948
HI .....	176,619	172,286	111,746	141,818	150,644	162,747
ID .....	1,256,868	1,304,616	1,306,144	1,347,508	1,379,239	1,379,086
IL .....	4,642,762	4,777,781	4,879,051	5,072,178	5,296,091	5,650,360
IN .....	3,178,924	3,255,929	3,258,648	3,405,800	3,583,698	3,749,248
IA .....	6,028,444	6,289,674	6,457,093	6,740,976	6,986,449	7,359,183
KS .....	2,670,381	2,729,809	2,811,613	2,874,099	2,946,857	3,047,772
KY .....	1,866,161	1,894,160	1,961,232	2,061,015	2,150,103	2,256,230
LA .....	796,260	833,911	834,506	843,255	832,820	875,907
ME .....	125,268	123,711	127,167	132,683	133,985	134,910
MD <sup>3</sup> .....	685,205	717,790	668,729	684,282	699,354	702,044
MA .....	145,695	140,235	121,423	133,264	153,995	147,696
MI .....	1,533,587	1,566,740	1,588,819	1,633,925	1,729,891	1,735,177
MN .....	3,872,774	4,041,245	4,165,556	4,261,585	4,587,238	4,966,921
MS .....	1,329,019	1,387,674	1,456,715	1,475,607	1,505,916	1,621,279
MO .....	3,008,220	3,117,040	3,348,235	3,425,862	3,612,044	3,941,689
MT .....	1,614,962	1,696,771	1,634,514	1,661,463	1,704,825	1,715,012
NE .....	3,151,149	3,226,317	3,318,523	3,483,338	3,581,096	3,867,709
NV .....	165,674	169,956	164,592	162,679	164,952	167,949
NH .....	44,197	44,007	42,071	42,142	41,089	38,156
NJ .....	271,272	276,784	263,071	408,294	409,591	278,247
NM .....	615,021	625,252	665,222	706,136	704,905	754,877
NY .....	955,109	961,631	932,531	930,135	916,444	907,235
NC .....	1,434,941	1,472,890	1,533,937	1,494,808	1,505,228	1,569,398
ND .....	1,650,951	1,680,954	1,695,087	1,702,010	1,765,246	1,772,287
OH .....	2,067,150	2,206,686	2,230,940	2,347,598	2,494,563	2,625,148
OK .....	1,726,905	1,797,616	1,896,887	1,96,282	2,006,917	2,073,866
OR .....	1,425,735	1,475,449	1,469,599	1,454,679	1,550,798	1,677,402
PA .....	1,501,717	1,536,467	1,560,590	1,563,501	1,613,670	1,609,824
RI .....	20,089	20,305	34,198	18,544	18,634	16,707
SC .....	446,762	445,149	410,317	412,572	435,516	446,973
SD .....	1,540,503	1,572,080	1,650,516	1,638,689	1,668,368	1,777,508
TN .....	1,170,194	1,235,055	1,270,510	1,316,148	1,426,654	1,560,550
TX .....	4,750,987	4,813,293	4,970,349	5,173,078	5,583,646	5,750,519
UT .....	364,479	365,051	374,450	377,418	400,845	404,075
VT .....	195,360	199,839	194,220	198,532	194,355	185,739
VA .....	1,298,876	1,313,599	1,255,721	1,241,964	1,287,883	1,276,304
WA .....	1,690,326	1,668,091	1,638,245	1,648,595	1,706,107	1,830,301
WV .....	328,430	310,162	297,429	292,104	291,661	293,502
WI .....	2,647,805	2,718,833	2,836,623	2,911,231	3,036,939	3,161,373
WY .....	461,286	443,754	437,949	451,566	468,296	508,098
US .....	80,738,585	82,971,225	84,560,906	87,079,331	91,031,125	95,559,725

<sup>1</sup>Includes operator households. Includes Commodity Credit Corporation storage and drying facility loans. <sup>2</sup>Preliminary. <sup>3</sup>Includes District of Columbia.  
ERS, Farm Structure and Performance Branch, (202) 694-5586.

**Table 10-7.—Farm real estate debt: Amount outstanding by lender, by States, Dec. 31, 1997 and 1998<sup>1</sup>**

State	Federal Credit System <sup>2</sup>		Farm Service Agency <sup>3</sup>		Life insurance companies <sup>4</sup>		All operating banks		Individuals and others <sup>5</sup>	
	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL	317,842	369,473	43,781	38,989	21,802	21,999	408,978	440,228	140,067	138,680
AK	917	830	1,168	1,840	0	0	2,605	2,804	5,412	5,359
AZ	144,476	157,862	32,986	29,109	141,336	148,964	54,633	58,807	161,452	159,853
AR	818,447	835,442	135,684	125,525	311,108	339,908	907,700	977,059	237,240	234,891
CA	3,182,321	3,610,132	164,423	155,219	2,980,525	3,373,459	1,343,461	1,446,116	1,596,411	1,580,605
CO	816,708	819,432	64,398	59,535	155,987	164,422	315,809	339,941	44,453	440,052
CT	49,174	44,090	7,077	6,622	41,810	39,778	7,130	7,675	19,846	19,650
DE	91,572	85,965	4,918	4,118	28,593	30,173	42,808	46,079	27,066	26,798
FL	563,537	552,292	65,704	62,589	1,269,043	1,336,383	825,748	888,844	397,103	393,171
GA	553,629	511,703	68,995	62,286	149,635	157,092	939,460	1,011,246	199,598	197,622
HI	60,795	69,281	25,625	24,770	11,831	13,303	40,775	43,891	11,617	11,502
ID	550,416	547,820	120,293	108,781	259,306	273,069	53,753	57,860	395,472	391,556
IL	1,609,395	1,792,334	183,986	172,113	318,039	348,840	2,131,048	2,293,883	1,053,622	1,043,190
IN	974,215	1,033,596	127,680	118,325	324,077	356,266	1,213,024	1,305,712	944,703	935,349
IA	1,580,017	1,797,796	263,578	238,189	421,488	447,728	2,327,025	2,504,835	2,394,342	2,370,635
KS	1,086,039	1,112,785	163,463	153,455	140,390	149,370	1,049,834	1,130,052	507,131	502,110
KY	532,649	563,650	159,782	150,199	62,181	70,502	1,045,106	1,124,963	350,386	346,916
LA	276,430	295,887	47,939	41,518	108,737	118,357	282,565	394,156	117,149	115,989
ME	16,878	15,048	36,678	34,830	51,226	55,354	8,849	9,526	20,354	20,153
MD	364,522	357,849	19,145	18,221	26,510	27,609	139,628	150,297	149,549	148,068
MA	68,723	57,709	21,382	22,211	34,944	38,463	7,590	8,170	21,356	21,144
MI	778,014	765,540	104,257	97,533	49,742	54,245	323,028	347,710	474,851	470,149
MN	1,477,057	1,758,615	186,226	176,415	274,156	291,396	1,354,768	1,458,287	1,295,031	1,282,208
MS	330,912	380,540	120,200	108,148	236,321	268,094	627,013	674,924	191,469	189,573
MO	927,001	1,147,461	196,722	181,958	169,119	179,685	1,579,686	1,700,392	739,516	732,194
MT	402,952	388,293	117,491	114,557	226,040	238,022	292,965	315,350	665,378	658,790
NE	873,179	1,009,369	216,099	202,426	394,456	463,934	1,337,852	1,440,079	759,420	751,901
NV	72,313	76,329	10,921	9,472	12,008	12,622	5,860	6,307	63,850	63,218
NH	20,066	16,595	4,229	4,412	0	0	6,044	6,505	10,750	10,644
NJ	258,771	125,829	22,766	22,191	2	2	39,860	42,906	88,192	87,319
NM	277,802	307,472	38,031	35,399	79,094	92,963	140,852	151,324	169,396	167,719
NY	287,814	274,117	116,699	110,675	6,549	14,562	201,631	217,037	293,752	290,844
NC	483,894	506,948	98,479	89,157	78,882	82,474	639,571	688,442	204,401	202,377
ND	722,292	703,592	195,657	188,510	35,454	37,618	449,099	483,415	362,744	359,153
OH	919,412	989,247	91,788	81,782	98,053	107,372	870,720	937,253	514,589	509,495
OK	583,333	578,433	193,793	183,509	190,933	230,520	612,108	658,880	426,750	422,525
OR	395,676	458,139	68,511	64,437	298,552	364,653	114,899	123,679	673,159	666,495
PA	483,458	428,494	84,555	80,647	239	349	756,169	813,948	289,249	286,385
RI	12,148	9,731	2,859	3,246	0	0	1,611	1,735	2,015	1,995
SC	210,850	220,148	46,970	41,893	19,001	20,217	87,951	94,672	70,744	70,044
SD	479,298	562,520	248,420	230,212	91,852	108,668	413,777	445,394	435,021	430,714
TN	539,631	637,507	106,714	98,307	30,183	34,284	553,266	595,541	196,861	194,912
TX	2,396,908	2,457,177	249,381	234,412	443,953	482,430	1,248,761	1,344,180	1,244,643	1,232,320
UT	116,100	114,903	40,710	39,993	16,997	19,476	56,908	61,256	170,131	168,446
VT	62,703	52,316	34,542	31,072	715	1,926	57,747	62,159	38,648	38,265
VA	686,836	646,754	46,680	44,668	46,922	54,705	321,583	346,155	185,862	184,022
WA	482,952	548,325	80,291	73,968	384,252	431,243	297,346	320,067	461,265	456,698
WV	67,682	61,132	33,400	31,593	61,140	64,051	99,277	106,862	30,162	29,863
WI	803,499	846,680	130,680	118,013	77,616	85,445	1,229,752	1,323,719	795,392	787,516
WY	101,565	121,521	26,772	25,275	86,563	101,699	100,964	108,678	152,433	150,924
US	28,922,818	30,824,704	4,672,530	4,352,326	10,267,452	11,353,694	26,968,325	29,029,001	20,200,000	20,000,000

<sup>1</sup> Includes operator households. <sup>2</sup> Includes mortgages in process of foreclosure. <sup>3</sup> Includes farm ownership loans, soil and water loans to individuals, rural and labor housing loans on farms and association loans for grazing, Indian tribe land acquisition loans, and one-half of economic emergency loans. <sup>4</sup> Includes U.S. legal reserve companies only. Includes regular mortgages and purchase-money mortgages. <sup>5</sup> Estimated by ERS, USDA.

**Table 10-8.—All operating banks: Amount of agricultural loans outstanding, by type, and by States, specified dates, 1995–98<sup>1</sup>**

State and Territory	Farm real estate loans				Nonreal estate farm loans			
	1995	1996	1997	1998 <sup>2</sup>	1995	1996	1997	1998 <sup>2</sup>
AL	358,822	377,257	408,978	440,228	320,042	320,201	348,334	357,767
AK	480	2,402	2,605	2,804	2,542	3,156	3,433	3,526
AZ	60,455	50,832	54,633	58,807	344,941	396,594	431,439	443,123
AR	812,000	837,077	907,700	977,059	808,074	779,803	848,317	871,290
CA	1,142,086	1,238,932	1,343,461	1,446,116	3,688,295	3,611,430	3,928,732	4,035,124
CO	302,266	391,238	315,809	339,941	865,192	833,085	906,281	930,823
CT	4,904	6,8575	7,130	7,675	2,190	4,019	4,373	4,491
DE	36,223	39,478	42,808	46,079	24,845	39,737	43,229	44,399
FL	658,562	761,500	825,748	888,844	384,861	427,000	464,516	477,095
GA	870,527	866,366	939,460	1,011,246	560,423	497,029	540,698	555,341
HI	5,389	37,603	40,775	43,891	35,331	34,993	38,067	39,098
ID	48,759	49,571	53,753	57,860	903,582	924,784	1,006,036	1,033,280
IL	1,830,815	1,965,241	2,131,048	2,293,883	2,396,489	2,399,731	2,610,572	2,681,268
IN	1,026,999	1,018,644	1,213,024	1,305,712	920,143	940,177	1,022,782	1,050,479
IA	2,086,155	2,145,970	2,327,025	2,504,835	3,391,209	3,593,970	3,909,738	4,015,616
KS	926,460	968,151	1,049,834	1,130,052	2,225,677	2,371,907	2,580,304	2,650,180
KY	916,242	963,791	1,045,106	1,124,963	498,607	512,617	557,656	572,757
LA	249,100	260,580	282,565	304,156	401,189	373,025	405,799	416,789
ME	8,942	8,161	8,849	9,526	53,005	47,377	51,539	52,935
MD	107,571	128,764	139,628	150,297	49,520	53,025	57,684	59,246
MA	4,540	6,999	7,590	8,170	26,586	51,910	56,471	58,000
MI	276,790	297,894	323,028	347,710	374,329	404,940	440,518	452,448
MN	1,231,078	1,249,360	1,354,768	1,458,287	2,265,044	2,267,654	2,466,892	2,533,697
MS	573,251	578,228	627,013	674,924	513,404	505,166	549,551	564,433
MO	1,407,108	1,456,778	1,579,686	1,700,392	1,411,628	1,397,232	1,519,994	1,561,156
MT	269,622	270,170	292,965	315,350	670,467	663,719	722,034	741,587
NE	1,188,905	1,233,760	1,337,852	1,440,079	3,231,214	3,295,832	3,585,406	3,682,500
NV	1,962	5,404	5,860	6,307	16,521	15,360	16,710	17,162
NH	4,744	5,573	6,044	6,505	802	433	471	484
NJ	30,856	36,759	39,860	42,906	8,946	25,287	27,508	28,253
NM	127,077	129,644	140,582	151,324	246,949	251,902	274,035	281,456
NY	159,759	185,943	201,631	217,037	393,321	391,846	426,274	437,817
NC	610,786	589,809	639,571	688,442	494,445	454,774	494,730	508,128
ND	395,967	414,156	449,099	483,415	1,205,439	1,141,110	1,241,369	1,274,986
OH	750,389	802,974	870,720	937,253	591,067	584,426	635,774	652,991
OK	566,463	564,483	612,108	658,880	1,441,427	1,577,488	1,716,087	1,762,560
OR	114,401	105,959	114,899	123,679	497,850	525,332	571,487	586,964
PA	666,636	697,335	756,169	813,948	265,644	274,255	298,351	306,430
RI	1,065	1,486	1,611	1,735	0	214	233	239
SC	61,295	81,108	87,951	94,672	68,042	74,229	80,750	82,937
SD	395,062	381,583	413,777	445,394	1,493,210	1,556,098	1,692,817	1,738,660
TN	484,372	510,219	553,266	595,541	367,818	357,462	388,869	399,400
TX	1,111,872	1,151,600	1,248,761	1,344,180	3,165,884	3,236,041	3,520,361	3,615,694
UT	49,650	52,480	56,908	61,256	183,624	181,313	197,244	202,585
VT	43,882	53,254	57,747	62,159	14,548	17,799	19,363	19,888
VA	277,863	296,562	321,583	346,155	167,617	173,255	188,477	193,581
WA	273,294	297,346	297,346	320,067	1,126,193	1,129,379	1,228,607	1,261,879
WV	83,552	91,552	99,277	106,862	26,746	26,925	29,291	30,084
WI	1,090,690	1,134,071	1,229,752	1,323,719	1,226,731	1,261,594	1,372,439	1,409,606
WY	99,728	93,108	100,964	108,678	363,302	355,265	386,479	396,945
US	23,805,416	24,870,048	26,968,325	29,029,001	39,734,955	40,361,901	43,908,120	45,097,177

<sup>1</sup> Includes operator households. Includes loans of national and commercial, mutual savings, stock savings, and private banks. Loans are classified according to location of bank and, therefore, are not strictly comparable with data for other lenders which are classified according to location of borrower. <sup>2</sup> Preliminary. <sup>3</sup> Includes District of Columbia.  
ERS, Farm Structure and Performance Branch, (202) 694-5586.

**Table 10-9.—Farm real estate debt: Average interest rates on loans outstanding, by farming regions,<sup>1</sup> Dec. 31, 1989–98<sup>2</sup>**

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent
1989	9.5	9.5	9.5	9.4	9.6	9.8	9.5	9.6	9.3	9.6	9.5
1990	9.3	9.9	9.7	9.5	9.5	9.8	9.6	9.7	9.5	9.2	9.6
1991	8.8	9.2	9.0	8.8	8.7	9.2	9.0	9.1	8.9	8.5	8.9
1992	8.3	8.4	8.5	8.4	8.5	8.7	8.6	8.4	8.3	8.6	8.5
1993	7.7	7.7	7.8	7.7	7.8	8.0	7.9	7.7	7.6	7.9	7.8
1994	7.9	7.9	8.0	7.9	8.0	8.2	8.1	7.9	7.8	8.1	8.0
1995	7.9	8.0	8.1	8.0	8.1	8.2	8.2	7.9	7.8	8.0	8.0
1996	8.1	8.1	8.2	8.1	8.3	8.5	8.3	7.9	7.9	8.2	8.1
1997	7.9	8.0	8.1	8.0	8.1	8.2	8.2	7.9	7.8	8.0	8.0
1998 <sup>3</sup>	7.9	8.0	8.0	7.9	8.1	8.1	8.1	7.9	7.8	7.9	8.0

<sup>1</sup> Includes operator households. For States included in regions, see footnote 1, table 10-5. <sup>2</sup> Contract rates. Excludes Alaska and Hawaii. <sup>3</sup> Preliminary.  
ERS, Farm Structure and Performance Branch, (202) 694-5586.

**Table 10-10.—Farm real estate debt: Interest charges on debt outstanding, by farming regions,<sup>1</sup> 1989–98<sup>2</sup>**

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1989 .....	383,133	803,475	1,779,135	837,967	595,261	586,812
1990 .....	374,495	785,359	1,739,022	819,074	581,840	573,582
1991 .....	346,262	726,151	1,607,915	757,323	537,975	530,339
1992 .....	336,369	664,675	1,560,895	724,934	528,778	500,659
1993 .....	319,704	617,365	1,465,078	684,447	479,959	463,735
1994 .....	334,572	646,787	1,541,089	720,994	495,254	485,115
1995 .....	333,765	675,051	1,611,737	744,051	507,155	491,280
1996 .....	347,696	703,277	1,679,010	775,107	528,323	511,785
1997 .....	350,540	726,944	1,741,748	785,712	529,043	515,126
1998 <sup>3</sup> .....	348,553	764,419	1,822,966	811,740	548,519	529,763

  

Year	Delta States	Southern Plains	Mountain	Pacific	United States
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1989 .....	389,108	669,909	663,002	1,049,245	7,781,976
1990 .....	380,334	654,804	648,053	1,025,588	7,606,519
1991 .....	351,661	605,438	599,196	948,268	7,033,058
1992 .....	334,927	552,996	550,603	961,067	6,733,192
1993 .....	316,449	500,736	503,406	889,014	6,254,851
1994 .....	338,366	517,086	520,084	921,092	6,535,257
1995 .....	353,230	533,017	527,831	919,063	6,708,371
1996 .....	367,974	555,265	549,862	957,375	6,988,375
1997 .....	378,392	585,733	554,381	978,942	7,158,756
1998 <sup>3</sup> .....	394,658	607,429	561,115	1,032,822	7,434,976

<sup>1</sup> Includes operator households. For States included in regions, see footnote 1, table 10-5. <sup>2</sup> Interest charges during calendar year. <sup>3</sup> Preliminary.

ERS, Farm Structure and Performance Branch, (202) 694-5586.

**Table 10-11.—Farm real estate debt: Amount outstanding by lender, United States, Dec. 31, 1989–98<sup>1</sup>**

Year	Farm Credit System	Farm Service Agency <sup>2</sup>	Life insurance companies <sup>3</sup>	All operating banks <sup>4</sup>	Individuals and others <sup>5</sup>	CCC storage and drying facility	Total farm mortgage debt
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1989 .....	28,506,713	8,719,822	9,597,900	16,646,179	17,000,000	11,575	80,482,191
1990 .....	27,390,156	8,092,986	10,186,300	17,227,171	16,000,000	6,506	78,903,119
1991 .....	26,760,206	7,462,411	10,029,300	18,436,918	16,500,000	3,786	79,192,651
1992 .....	26,886,261	6,779,546	9,208,000	19,862,622	17,000,000	1,984	79,738,413
1993 .....	26,460,450	6,216,178	9,469,174	20,847,783	17,450,000	0	80,738,585
1994 .....	26,300,421	5,852,920	9,562,841	22,555,042	18,700,000	0	82,971,224
1995 .....	26,529,840	5,403,307	9,622,280	23,805,146	19,200,000	0	84,560,906
1996 .....	27,462,253	5,025,262	10,021,976	24,870,048	19,700,000	0	87,079,339
1997 .....	28,922,818	4,663,567	10,267,452	26,968,325	20,200,000	0	91,022,162
1998 <sup>6</sup> .....	30,824,704	4,352,326	11,353,694	29,029,001	20,000,000	0	95,559,725

<sup>1</sup> Includes operator households. Includes regular mortgages, purchase-money mortgages, and sales contracts. <sup>2</sup> Includes farm ownership loans, soil and water loans to individuals, rural and labor housing loans, association loans for grazing, Indian tribe land acquisition loans, and one-half of economic emergency loans. <sup>3</sup> Compiled by American Council of Life Insurance.

<sup>4</sup> Includes all operating commercial, savings, and private banks. <sup>5</sup> Estimated by ERS. <sup>6</sup> Preliminary.

ERS, Farm Structure and Performance Branch, (202) 694-5586.

**Table 10-12.—Nonreal estate farm debt: Amount outstanding, by lender, United States, Dec. 31, 1989–98<sup>1</sup>**

Year	Debt owed to reporting institutions (excluding CCC)				Debts owed to individuals and others	Total excluding CCC loans	Price-support loans made or guaranteed by CCC <sup>2</sup>	Total including CCC loans
	All operating banks	Farm Credit System <sup>2</sup>	Farm Service Agency	Total				
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1989 .....	30,782	9,942	12,322	53,046	12,500	65,546	5,225	70,771
1990 .....	32,913	10,258	10,652	53,823	13,000	66,823	4,377	71,200
1991 .....	34,584	10,648	9,332	54,564	13,250	67,814	3,579	71,393
1992 .....	34,644	10,777	8,118	53,539	13,500	67,038	4,771	71,809
1993 .....	36,778	10,979	7,090	54,846	14,500	69,346	3,170	72,517
1994 .....	38,663	11,646	6,841	57,150	15,500	72,650	6,237	78,887
1995 .....	39,735	12,992	5,786	58,513	16,500	75,013	2,979	77,992
1996 .....	40,362	14,599	5,243	60,204	17,800	78,004	3,508	81,512
1997 .....	43,908	15,878	4,899	64,685	19,200	83,885	1,982	85,867
1998 <sup>3</sup> .....	45,097	17,512	4,538	67,147	20,000	87,147	5,230	92,377

<sup>1</sup> Includes operator households. <sup>2</sup> Although price-support loans of the Commodity Credit Corporation (CCC) are non-recourse loans, they are treated as income in the year received. They are not considered farm debt even though borrowers must either pay them or deliver the commodities on which they are based. <sup>3</sup> Preliminary.

ERS, Farm Structure and Performance Branch, (202) 694-5586.

**Table 10-13.—Farm Service Agency: Loans made to individuals and associations for farming purposes, and amount outstanding, United States and Territories, 1990–99<sup>1</sup>**

Year	Loans to individuals						
	Farm ownership			Soil and water			Recreation
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1	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>	<i>1,000 dollars</i>
1990 .....	2,825	429,925	6,656,773	172	6,272	225,308	9,271
1991 .....	2,854	444,195	6,297,382	149	4,371	200,757	8,274
1992 .....	3,721	588,052	5,871,201	213	4,934	179,600	7,289
1993 .....	3,767	609,312	5,399,659	122	2,705	159,155	5,474
1994 .....	4,418	681,217	5,012,489	98	3,146	138,686	4,521
1995 .....	3,727	616,870	4,715,766	0	0	124,733	4,278
1996 .....	3,630	624,316	6,816,032	0	0	118,484	.....
1997 .....	3,482	613,877	7,008,911	0	0	98,774	3,874
1998 .....	2,899	508,466	6,831,520	0	0	81,067	2,949
1999 .....	4,308	944,694	6,675,272	0	0	76,042	2,694

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>
1990 .....	9,868	1,626,468	4,348,195	1,838	100,792	6,682,433
1991 .....	9,596	1,537,473	3,885,020	784	80,246	5,695,658
1992 .....	10,658	1,700,035	3,459,758	1,015	75,236	4,956,934
1993 .....	10,582	1,626,821	3,112,516	578	58,571	4,244,237
1994 .....	13,137	2,014,715	2,805,783	2,469	90,013	3,649,004
1995 .....	10,517	1,816,177	2,711,011	1,146	68,823	3,273,315
1996 .....	10,377	1,882,431	5,945,331	2,163	176,500	3,046,279
1997 .....	9,065	1,560,559	6,100,452	1,760	144,880	2,423,475
1998 .....	9,433	1,568,071	6,040,488	1,045	97,569	2,039,657
1999 .....	14,525	2,564,767	5,961,862	2,846	329,848	1,940,961

Year	Loans to associations					Economic opportunity individual loans	Economic emergency loans
	Indian tribe land acquisition			Grazing association	Irrigation, drainage, and soil conservation		
	New borrowers	Loans made	Outstanding Jan. 1	Outstanding Jan. 1	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>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1990 ...	0	120	85,059	47,559	13,869	137	2,665,810
1991 ...	1	267	80,473	42,462	13,394	78	2,271,532
1992 ...	1	1,080	79,345	39,627	12,409	52	1,955,246
1993 ...	1	1,367	78,385	34,427	11,492	37	1,634,898
1994 ...	1	137	75,575	31,267	10,428	28	1,375,611
1995 ...	1	550	74,171	28,929	10,183	25	1,185,261
1996 ...	0	641	73,479	28,613	6,657	14	1,082,954
1997 ...	0	224	62,603	23,878	6,229	14	874,601
1998 ...	0	500	59,856	19,654	5,956	12	685,147
1999 ...	0	0	58,461	17,855	5,666	11	653,953

<sup>1</sup> 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 10-14.—Farmers' marketing, farm supply, and related service cooperatives: Number, memberships, and business, United States, 1989-98**

Year <sup>1</sup>	Cooperatives <sup>2</sup>				Estimated memberships <sup>4</sup>				Estimated service receipts <sup>5</sup>
	Marketing	Farm supply	Related service <sup>3</sup>	Total	Marketing	Farm supply	Related service <sup>3</sup>	Total	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 members</i>	<i>1,000 members</i>	<i>1,000 members</i>	<i>1,000 members</i>	<i>Million dollars</i>
1989 <sup>6</sup> .....	2,550	1,803	446	4,799	1,856	2,035	243	4,134	1,974
1990 .....	2,519	1,717	427	4,663	1,882	2,006	232	4,119	2,347
1991 .....	2,384	1,689	421	4,494	1,842	2,025	191	4,059	2,517
1992 .....	2,218	1,618	479	4,315	1,839	2,020	212	4,072	2,575
1993 .....	2,214	1,547	483	4,244	1,830	1,977	216	4,023	2,724
1994 .....	2,173	1,496	505	4,174	1,805	1,936	245	3,986	2,986
1995 .....	2,074	1,458	474	4,006	1,712	1,846	210	3,767	3,284
1996 .....	2,012	1,403	469	3,884	1,682	1,795	187	3,664	3,100
1997 <sup>6</sup> .....	1,941	1,386	464	3,791	1,498	1,743	183	3,424	3,647
1998 <sup>7</sup> .....	1,863	1,347	441	3,651	1,398	1,774	181	3,353	3,473

  

Year <sup>1</sup>	Marketing volume		Farm supply volume		Total marketing and farm supply volume and service receipts	
	Estimated gross business <sup>8</sup>	Estimated net business <sup>9</sup>	Estimated gross business <sup>8</sup>	Estimated net business <sup>9</sup>	Estimated gross business <sup>8</sup>	Estimated net business <sup>9</sup>
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1989 <sup>6</sup> .....	60,258	53,247	25,845	16,907	88,077	72,129
1990 .....	64,062	57,831	26,258	17,088	92,667	77,266
1991 .....	61,425	56,203	26,816	17,916	90,759	76,636
1992 .....	63,790	58,196	27,046	18,513	93,411	79,284
1993 .....	66,839	60,930	28,180	19,218	97,744	82,872
1994 .....	72,148	65,545	30,405	20,779	105,539	89,309
1995 .....	77,946	69,321	30,965	21,213	112,195	93,818
1996 .....	90,270	79,429	34,728	23,653	128,098	106,182
1997 <sup>6</sup> .....	85,949	77,843	37,076	25,181	126,673	106,670
1998 <sup>7</sup> .....	84,524	76,642	32,964	24,551	120,961	104,667

<sup>1</sup> Reports of cooperatives are included either for the calendar year or for fiscal years ending between July 1 of the calendar year shown and June 30 of the following year, with limited exceptions. Reports of cooperatives are included for the calendar year beginning 1989. <sup>2</sup> Includes 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. <sup>3</sup> Includes cooperatives whose major activity is providing services related to marketing and farm supply activities. <sup>4</sup> Includes 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.) <sup>5</sup> Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities. <sup>6</sup> Revised. <sup>7</sup> Preliminary. <sup>8</sup> Estimated 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. <sup>9</sup> Estimated net business represents the value at the first level at which cooperatives transact business for farmers. Figures are adjusted for duplication resulting from intercooperative business.

Rural Business-Cooperative Service (RBS), Statistics, (202) 720-2480 or celestine.adams@usda.gov. Based on records from cooperatives reporting to the Service.



**Table 10-15.—Farmers' cooperatives: Business volume, number of marketing, farm supply, and related service cooperatives and business volume, United States, 1997 and 1998 (preliminary)**

Item	Gross business		Net business <sup>1</sup>	
	1997	1998	1997	1998
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Products marketed:				
Beans and peas (dry edible) .....	188,991	187,311	188,991	187,205
Cotton and cotton products .....	3,074,337	3,004,378	3,003,886	2,961,070
Dairy products .....	26,277,957	27,807,551	23,374,069	25,329,431
Fruits and vegetables .....	9,837,141	9,903,793	9,268,189	9,391,182
Grain and oilseeds excluding cottonseeds .....	28,782,746	25,338,925	24,639,161	21,290,872
Livestock and livestock products .....	7,483,538	7,575,045	7,460,349	7,418,103
Nuts .....	880,276	900,695	880,276	900,695
Poultry products .....	2,118,017	2,137,257	2,118,017	2,137,257
Rice .....	931,487	932,036	930,154	932,036
Sugar products <sup>2</sup> .....	2,428,119	2,681,064	2,283,591	2,444,742
Tobacco .....	592,876	348,460	592,876	348,460
Wool and mohair .....	18,931	11,332	11,306	6,783
Miscellaneous <sup>3</sup> .....	3,335,031	3,696,068	3,091,660	3,294,176
<b>Total farm products .....</b>	<b>85,949,447</b>	<b>84,523,915</b>	<b>77,842,525</b>	<b>76,642,012</b>
Supplies purchased:				
Crop protectants .....	4,350,820	4,078,630	3,125,481	3,165,678
Feed .....	8,147,076	7,168,390	5,987,963	5,405,305
Fertilizer .....	8,861,348	7,764,357	5,371,001	5,170,304
Petroleum .....	10,591,991	8,767,679	6,756,086	6,616,344
Seed .....	925,364	1,019,754	702,351	731,771
Other supplies <sup>4</sup> .....	4,199,141	4,146,958	3,237,745	3,461,977
<b>Total farm supplies .....</b>	<b>37,075,740</b>	<b>32,963,768</b>	<b>25,180,627</b>	<b>24,551,379</b>
Receipts for services: <sup>5</sup>				
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous .....	3,647,334	3,473,231	3,647,334	3,473,231
<b>Total business .....</b>	<b>126,672,521</b>	<b>120,960,914</b>	<b>106,670,486</b>	<b>104,666,622</b>

<sup>1</sup>Represents value at the first level at which cooperatives transact business for farmers. <sup>2</sup>Revised for 1997. <sup>3</sup>Includes coffee, fish, 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. <sup>4</sup>Includes automotive supplies, building materials, chicks, containers, farm machinery and equipment, hardware, meats and groceries, and other supplies not separately classified. <sup>5</sup>Charges for services related to marketing or purchasing but not included in the volume reported for those activities, plus other income.

RBS, Statistics, (202) 720-2480 or celestine.adams@usda.gov. Based on records from cooperatives reporting to the Service.

**Table 10-16.—Farmers' cooperatives: Types, numbers, and memberships, United States, 1998**

Type	Year or date of data	Associations	Estimated memberships or participants
Marketing and farm supply, and related service: <sup>1</sup>			
Marketing .....	1998 .....	1,863	1,398,356
Farm supply .....	1998 .....	1,347	1,773,659
Related services <sup>2</sup> .....	1998 .....	441	180,562
Service:			
Federal land bank associations <sup>3</sup> .....	Dec. 31, 1998 .....	39	NA
Production credit associations <sup>3</sup> .....	Dec. 31, 1998 .....	63	NA
Rural credit unions <sup>4</sup> .....	Dec. 31, 1998 .....	653	4,439
Rural electric cooperatives <sup>5</sup> .....	Dec. 31, 1998 .....	662	10,751
Rural telephone cooperatives <sup>5</sup> .....	Dec. 31, 1998 .....	220	1,419
Production:			
Dairy herd improvement associations <sup>6</sup> .....	Dec. 31, 1998 .....	NA	34,820

<sup>1</sup>Rural Business - Cooperative Service, U.S. Department of Agriculture. <sup>2</sup>Includes trucking, storage, grinding, locker plant, and other services. <sup>3</sup>Farm Credit Administration. <sup>4</sup>Credit Union National Association, Inc. <sup>5</sup>Rural Utilities Service, U.S. Department of Agriculture. <sup>6</sup>Agriculture Research Service, U.S. Department of Agriculture. NA-not available.

RBS, Statistics, (202) 720-2480 or celestine.adams@usda.gov.

**Table 10-17.—Farmers' cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm supply, and related service cooperatives, by States, 1995, 1997 and 1998 (preliminary)**

State	Cooperatives headquartered in State		Memberships in State <sup>1</sup>		Net business <sup>1</sup>	
	1997	1998	1995	1997	1995	1997
	Number	Number	Number	Number	1,000 dollars	1,000 dollars
AL .....	63	63	55,938	53,791	1,380,403	1,403,279
AK .....	9	9	6,246	7,675	41,846	64,651
AZ .....	10	10	10,017	46,757	721,816	737,821
AR .....	60	57	63,032	63,242	1,732,551	1,982,686
CA .....	185	186	59,551	56,715	8,890,968	9,108,671
CO .....	51	52	33,865	33,648	924,076	1,003,727
CT .....	4	5	3,310	3,174	126,710	205,367
DE .....	3	3	29,072	29,685	86,123	98,417
FL .....	46	44	28,382	27,124	2,498,745	2,485,382
GA .....	21	17	40,156	25,059	1,282,038	1,899,906
HI .....	32	29	14,928	13,397	118,743	114,572
ID .....	41	40	26,441	23,079	1,032,266	1,212,490
IL .....	203	196	235,239	233,229	5,021,399	6,033,807
IN .....	60	58	111,952	90,915	2,492,001	2,539,867
IA .....	223	204	241,348	187,858	7,995,126	10,940,936
KS .....	148	144	151,532	135,007	3,607,457	3,969,584
KY .....	42	42	203,061	208,606	1,125,812	1,078,217
LA .....	50	50	15,086	13,556	623,311	791,516
ME .....	24	24	9,527	9,214	226,460	216,711
MD .....	18	20	53,464	54,122	396,489	416,798
MA .....	14	16	5,343	5,050	997,220	655,138
MI .....	73	68	70,521	73,780	2,578,034	2,317,907
MN .....	368	341	329,241	296,058	7,422,439	9,770,774
MS .....	83	78	112,303	109,937	1,156,226	1,174,399
MO .....	75	73	180,235	156,093	3,091,663	3,718,435
MT .....	79	75	35,107	28,995	721,629	734,790
NE .....	127	122	121,266	109,547	4,355,176	5,073,468
NH .....	(2)	(2)	(2)	(2)	(2)	(2)
NJ .....	(2)	(2)	(2)	(2)	(2)	(2)
NM .....	19	18	8,220	7,724	373,128	345,035
NY .....	9	9	3,330	8,311	178,066	608,117
NC .....	96	99	61,930	50,369	2,255,214	2,595,476
ND .....	29	29	113,082	72,335	760,505	885,314
OH .....	297	283	143,844	129,445	3,171,612	3,301,100
OK .....	95	88	90,447	75,222	2,674,366	2,998,144
OR .....	101	95	77,651	75,431	1,185,081	1,103,286
PA .....	40	39	30,877	21,747	1,493,302	2,090,742
RI .....	60	60	62,073	53,378	1,769,454	1,983,374
SC .....	(2)	(2)	(2)	(2)	(2)	(2)
SD .....	6	6	19,612	3,745	270,859	377,563
TN .....	145	139	116,128	110,927	2,274,768	2,825,833
TX .....	79	79	148,933	141,185	926,899	721,691
UT .....	272	262	130,729	128,831	3,507,682	3,668,972
VT .....	21	18	13,268	11,550	579,378	690,794
WA .....	5	5	7,454	6,340	486,653	396,927
VA .....	63	63	167,890	150,011	684,145	742,131
WV .....	91	91	36,681	30,991	2,884,094	3,285,700
WI .....	20	27	63,748	61,235	135,003	161,980
WY .....	212	198	214,519	177,561	6,800,475	6,549,250
US .....	14	13	4,619	4,690	147,178	195,538
US .....	3,791	3,651	3,764,135	3,419,134	93,315,433	105,438,843
Foreign <sup>3</sup> .....	.....	.....	3,160	5,034	502,814	1,231,643
Total .....	3,791	3,651	3,767,295	3,424,168	93,818,247	106,670,486

<sup>1</sup> Represents value at the first level at which cooperatives transact business for farmers. These statistics for 1998 are presented on a national basis only. Totals may not add due to rounding. <sup>2</sup> Dollar volume or membership is not shown to avoid disclosing operations of individual cooperatives. <sup>3</sup> Sales outside the United States, sales to domestic military installations, and sales of certain products not received directly from member-patrons.

RBS, Statistics, (202) 720-2480 or celestine.adams.usda.gov.

**Table 10-18.—Rural Utilities Service: Long-term electric financing approved by purpose, by States as of December 31, 1998<sup>1</sup>**

State	Borrowers	Total financing approved						Loan estimates	
		RUS loans	Non-RUS financing		Financing approved by purpose			Miles of line	Consumers
			With RUS guarantee	Without RUS guarantee <sup>2</sup>	Distribution	Generation and transmission <sup>2</sup>	Consumer facilities		
	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Number	Number
AL	27	653,046	619,688	280,177	648,251	903,302	1,359	60,774	525,355
AK	17	806,845	260,240	132,206	547,672	650,530	1,089	10,119	178,589
AZ	14	283,961	348,495	110,887	283,827	459,027	490	18,984	169,284
AR	20	889,014	826,218	455,399	908,674	1,257,485	4,471	68,467	472,896
CA	10	80,357	.....	6,803	73,298	13,805	56	6,467	76,231
CO	25	1,047,292	1,486,233	572,274	865,983	2,239,742	74	66,668	373,857
CT	0	.....	.....	.....	.....	.....	.....	0	0
DE	1	56,030	.....	18,666	73,832	861	3	4,161	47,939
FL	18	922,929	1,126,698	560,098	1,192,456	1,414,750	2,519	62,812	768,406
GA	50	1,534,355	4,726,619	1,822,812	2,123,019	5,957,809	2,959	142,258	1,434,214
HI	0	.....	.....	.....	.....	.....	.....	0	0
ID	10	152,001	.....	36,612	160,977	26,440	1,197	12,332	57,732
IL	29	534,217	977,509	178,584	523,623	1,166,476	212	54,720	246,760
IN	46	445,422	1,458,747	453,484	475,560	1,881,376	717	54,715	427,963
IA	48	731,353	351,696	142,695	537,387	687,960	397	65,558	199,456
KS	34	582,193	689,344	100,818	529,691	842,250	415	71,815	214,456
KY	28	1,212,819	1,755,944	615,645	1,152,067	2,431,183	1,159	81,569	752,811
LA	20	584,007	2,784,208	323,934	686,488	3,005,482	177	47,995	413,736
ME	4	32,043	.....	17,998	31,118	18,879	44	2,034	18,895
MD	2	250,603	18,355	131,896	292,641	108,213	.....	13,108	147,305
MA	0	.....	.....	.....	.....	.....	.....	0	0
MI	12	433,607	819,472	88,511	396,968	944,149	473	33,306	258,349
MN	48	1,168,429	1,362,219	433,985	1,105,701	1,854,586	4,346	113,617	587,482
MS	29	728,562	701,843	276,585	829,580	876,716	694	86,128	620,210
MO	48	1,335,148	911,403	549,497	1,146,578	1,648,649	821	115,513	634,146
MT	26	346,987	8,648	47,199	334,336	68,269	229	45,048	117,607
NE	35	468,920	.....	41,577	402,633	107,303	562	75,300	172,020
NV	8	75,008	1,241	10,441	65,315	21,127	248	6,265	24,889
NH	1	100,399	143,839	8,696	103,050	149,850	32	4,616	64,601
NJ	2	18,173	.....	5,377	22,250	1,295	4	1,000	13,334
NM	18	407,011	404,376	169,693	397,282	580,788	3,010	42,358	197,195
NY	6	34,332	1,800	9,464	45,337	174	85	5,012	25,226
NC	35	989,803	1,326,071	487,280	1,169,375	1,629,147	4,635	83,488	808,790
ND	26	999,526	2,198,486	846,293	588,511	3,453,809	1,986	68,041	126,182
OH	27	449,076	127,324	467,311	545,098	498,394	218	46,002	336,439
OK	29	953,305	635,169	271,366	942,954	914,211	2,676	96,538	465,614
OR	18	268,730	54,128	83,272	285,131	120,761	237	23,200	127,560
PA	13	324,031	588,133	118,099	405,233	624,791	239	26,550	208,854
RI	0	.....	.....	.....	.....	.....	.....	0	0
SC	28	990,467	475,411	379,965	1,127,460	716,152	2,231	63,715	605,838
SD	32	586,781	15,387	53,082	502,610	151,759	881	65,099	141,289
TN	33	566,601	10,921	196,135	755,699	17,735	223	80,237	895,301
TX	100	2,215,127	1,213,251	765,190	2,362,814	1,828,230	2,524	260,475	1,389,233
UT	6	72,455	1,027,311	216,171	59,920	1,255,893	124	5,783	23,326
VT	3	58,869	50,726	7,310	48,701	67,300	903	2,903	23,507
VA	18	654,930	243,900	223,204	826,509	295,036	488	41,590	365,828
WA	23	213,767	825	39,373	239,510	14,203	252	20,753	104,197
WV	1	11,479	.....	1,059	12,533	.....	5	801	6,646
WI	28	500,505	340,351	142,889	378,884	603,052	1,809	44,924	216,332
WY	13	244,547	6,585	23,297	211,671	62,657	101	27,985	78,767
MH <sup>3</sup>	1	.....	12,500	.....	325	12,175	.....	0	2,624
PR	1	300,981	.....	31,424	292,851	39,554	.....	16,633	624,343
VI	1	430	.....	.....	234	197	.....	85	912
US <sup>4</sup>	1,072	26,316,473	30,111,313	11,954,733	26,711,617	41,623,528	47,374	2,347,521	15,792,526

<sup>1</sup> Includes \$579,802,209 discounted principal from 169 prepaid borrowers. <sup>2</sup> Includes loans obtained by RUS borrowers' affiliates specifically organized to facilitate non-RUS financing. <sup>3</sup> Marshall Islands. <sup>4</sup> Includes figures not shown elsewhere in this table for two borrowers whose loans have been foreclosed. The total amount of these loans was \$37,237.

RD, Planning and Policy Branch, (703) 605-4392.

**Table 10-19.—Rural Utilities Service: Composite revenues and patronage capital, average number of consumers and megawatt-hour sales reported by rus electric borrowers operating distribution systems - calendar years 1996-1998**

Item	1996		1997		1998	
	Amount	Per- cent of total	Amount	Per- cent of total	Amount	Per- cent of total
Number of borrowers reporting	768	722	686			
Average number of consumers served:						
Residential service (farm & non-farm) ....	10,048,457	89.6	10,027,563	89.6	9,723,306	89.5
Commercial & industrial, small .....	985,890	8.8	986,344	8.8	968,646	8.9
Commercial & industrial, large .....	7,204	0.1	7,966	0.1	6,565	0.1
Irrigation .....	115,806	1.0	110,940	1.0	108,224	1.0
Other electric service .....	52,499	0.5	53,566	0.5	51,618	0.5
To others for resale .....	249	(*)	184	(*)	192	(*)
Total .....	11,210,045	100.0	11,186,475	100.0	10,858,441	100.0
Megawatt-hour sales:						
Residential service (farm & non-farm) ....	129,150,085	58.8	124,628,671	57.7	125,210,030	57.5
Commercial & industrial, small .....	38,562,711	17.6	38,236,438	17.7	38,436,382	17.7
Commercial & industrial, large .....	43,950,492	20.0	45,632,672	21.1	45,632,466	21.1
Irrigation .....	4,044,795	1.8	3,662,470	1.7	4,115,187	1.9
Other electric service .....	1,819,710	0.8	2,041,507	0.9	1,843,974	0.8
To others for resale .....	2,079,144	0.9	1,899,109	0.9	2,206,671	1.0
Total .....	219,606,916	100.0	216,100,853	100.0	217,644,698	100.0
Revenue and patronage capital:						
Residential service (farm & non-farm) ....	9,700,988	64.9	9,365,391	64.1	9,350,915	64.1
Commercial & industrial, small .....	2,738,528	18.3	2,706,060	18.5	2,692,966	18.5
Commercial & industrial, large .....	1,792,562	12.0	1,821,426	12.5	1,814,926	12.4
Irrigation .....	269,371	1.8	245,448	1.7	268,307	1.8
Other electric service .....	132,006	0.9	138,204	0.9	137,124	0.9
To others for resale .....	92,342	0.6	87,440	0.6	83,129	0.6
Total from sales of electric energy .....	14,725,798	98.5	14,363,968	98.4	14,347,368	98.3
Other operating revenue .....	223,347	1.5	239,898	1.6	244,197	1.7
Total operating revenue .....	14,949,145	100.0	14,603,866	100.0	14,591,565	100.0

Less than 0.05 percent.

RD, Planning and Policy Branch, (703) 605-4392.

**Table 10-20.—Rural Utilities Service: Advances to, and operating statistics of, electric borrowers, United States and Territories, 1990–99**

Year	Total advances as of Jan. 1 <sup>1</sup>	Statistics for borrowers in operation								
		As of Jan. 1			During year				Average monthly kw.-hr. consumption per consumer	
		Borrowers	Miles energized <sup>2</sup>	Consumers served <sup>2</sup>	Kw.-hr. generated	Kw.-hr. purchased <sup>3</sup>	Kw.-hr. sales <sup>3</sup>	Total revenue <sup>3</sup>	All consumers	Residential consumers <sup>4</sup>
	1,000 dollars	Numbers	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars	Kw. hr.	Kw. hr.
1990 .....	19,738,972	1,056	2,178,530	12,139,143	156,280,995	117,818,936	252,151,483	15,813,230	1,461	961
1991 .....	20,500,021	1,053	2,197,841	12,382,969	151,131,931	124,246,203	252,568,951	15,630,565	1,483	984
1992 .....	21,029,091	1,053	2,210,896	12,612,389	154,129,086	128,722,179	260,492,023	16,490,493	1,458	958
1993 .....	21,410,549	1,052	2,230,138	12,905,821	157,375,158	144,159,840	277,205,315	17,168,816	1,530	1,021
1994 .....	21,839,184	1,049	2,247,943	13,170,387	159,463,827	138,222,711	274,658,217	16,827,484	1,528	1,001
1995 .....	22,535,357	1,050	2,235,156	12,835,552	152,549,534	147,000,468	275,749,181	16,802,281	1,570	1,036
1996 .....	23,235,820	1,047	2,265,042	13,172,812	155,359,522	153,407,637	287,682,820	16,781,276	1,632	1,071
1997 .....	23,917,858	1,043	2,302,221	13,569,867	147,746,172	156,904,182	284,072,253	16,427,652	1,612	1,037
1998 .....	24,503,187	1,033	2,303,030	13,899,900	157,896,742	153,038,893	292,649,616	16,772,806	1,670	1,073
1999 <sup>5</sup> .....	25,150,466	1,027	2,329,844	14,183,217	.....	.....	.....	.....	.....	.....

<sup>1</sup> Cumulative from organization, May 11, 1935. <sup>2</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1998, there were 236 such borrowers with 393,475 miles energized and 2,604,353 consumers served. <sup>3</sup> Excludes energy sales and revenues of power sold by one RUS borrower to another. Includes patronage capital. <sup>4</sup> Includes rural nonfarm and farm consumers. <sup>5</sup> Revised. <sup>6</sup> Actual funds advanced out of RUS loans approved, as shown in table 10-19.

RD, Planning and Policy Branch, (703) 605-4392.

**Table 10-21.—Rural Utilities Service: Annual revenues and expenses reported by electric borrowers, United States, 1989–98**

Year	Operating revenue	Operating expense	Interest expense	Depreciation and amortization expense	Net margins	Total utility plant
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1989 .....	22,334,246	17,660,877	2,676,889	1,568,342	763,670	57,288,116
1990 .....	22,585,656	17,861,858	2,815,507	1,636,999	735,104	58,228,240
1991 .....	23,158,838	18,570,475	2,841,968	1,660,453	767,973	58,997,507
1992 .....	23,325,191	18,643,390	2,778,213	1,709,293	710,890	60,669,964
1993 .....	24,872,684	19,907,666	2,667,343	1,767,525	1,034,849	62,654,291
1994 .....	24,861,855	20,138,000	2,501,585	1,824,860	807,741	64,391,203
1995 .....	24,609,188	21,741,162	2,171,170	1,779,568	1,236,050	61,867,838
1996 .....	24,438,558	19,777,504	2,054,058	1,788,164	1,328,237	61,443,968
1997 .....	23,321,068	18,987,613	1,908,451	1,726,982	1,018,702	60,770,878
1998 <sup>1</sup> .....	23,987,773	19,491,238	1,890,050	1,732,056	1,274,324	61,720,967

<sup>1</sup> Revised.  
RD, Planning and Policy Branch, (703) 605-4392.

**Table 10-22.—Loans to farmers' cooperative organizations: Outstanding amounts held by the banks for cooperatives, and agricultural credit banks classified by type of loan, United States, Jan. 1, 1990–99<sup>1</sup>**

Year	Operating capital loans	Facility loans	Year	Operating capital loans	Facility loans
	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>
1990 .....	5,508,610	5,627,188	1995 .....	7,003,776	8,200,439
1991 .....	5,887,781	5,755,085	1996 .....	9,119,835	9,128,364
1992 .....	6,292,571	6,536,694	1997 .....	7,332,313	10,657,055
1993 .....	7,478,199	6,474,582	1998 .....	6,358,665	11,684,548
1994 .....	7,393,147	6,143,719	1999 .....	6,227,194	10,911,590

<sup>1</sup> Includes Puerto Rico.

FCA, Regulation and Policy Division, (703) 883-4073.

**Table 10-23.—Rural Utilities Service: Annual revenues, expenses, and total plant reported by telecommunications borrowers, United States, 1989–98**

Year	Borrowers reporting	Operating revenues	Operating expenses	Interest expense	Depreciation and amortization expense	Net income or margin <sup>1</sup>	Total telecommunications plant <sup>2</sup>
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1989 .....	903	3,888,083	2,181,215	281,563	795,408	787,357	12,814,112
1990 .....	897	4,181,185	2,382,942	288,101	834,967	846,903	13,755,550
1991 .....	902	4,449,028	2,566,205	297,523	890,204	866,808	14,534,472
1992 .....	899	4,743,431	2,694,074	300,704	933,275	979,650	15,479,297
1993 .....	883	4,473,969	2,520,979	281,017	881,579	897,041	14,833,159
1994 .....	873	4,536,723	3,438,889	278,339	903,270	974,483	15,325,810
1995 .....	850	4,241,027	3,250,806	274,195	894,599	911,217	14,957,531
1996 <sup>3</sup> .....	835	4,530,751	3,503,605	265,259	1,000,442	1,009,335	16,262,081
1997 .....	818	4,827,842	3,709,141	284,638	1,071,504	1,092,836	17,370,113
1998 .....	779	4,853,279	3,789,927	267,846	1,091,610	1,169,762	17,620,914

<sup>1</sup> Includes other income and deductions (net) unregulated and extraordinary and delayed items. <sup>2</sup> Investment in physical plant and related facilities. <sup>3</sup> Revised.

RD, Planning and Policy Branch, (703) 605-4392.

**Table 10-24.—Rural Utilities Service and Rural Telephone Bank: Advances to, and operating statistics of, telecommunications borrowers, United States, 1990–99**

Year	Total advances as of Jan. 1 <sup>1</sup>		Operating statistics as of Jan. 1			Revenues for year ending Dec. 31
	RUS	RTB	Borrowers reporting	Employees	Total subscribers	
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>
1990 .....	4,864,684	1,835,519	903	27,617	5,276,450	4,181,185
1991 .....	5,083,536	1,940,799	897	28,199	5,472,216	4,449,028
1992 .....	5,252,444	2,101,684	902	28,207	5,834,602	4,743,431
1993 .....	5,430,706	2,190,372	899	27,422	6,110,615	4,473,969
1994 .....	5,638,920	2,294,834	883	25,072	5,598,764	4,536,723
1995 .....	5,856,865	2,408,491	873	24,889	5,538,207	4,241,027
1996 .....	6,021,357	2,481,501	850	23,163	5,107,097	4,530,751
1997 <sup>2</sup> .....	6,224,541	2,562,619	835	23,165	5,380,389	4,827,842
1998 .....	6,430,823	2,626,806	818	22,925	5,619,649	4,853,279
1999 .....	6,632,802	2,683,284	779	21,657	5,477,668	.....

<sup>1</sup> Cumulative from organization, Oct. 28, 1949. Actual funds advanced out of loans approved, as shown in table 10-27. <sup>2</sup> Revised.

RD, Planning and Policy Branch, (703) 605-4392.

**Table 10-25.—Rural Utilities Service: Telecommunications borrowers, by States, as of December 31, 1998**

State	Borrowers	Net operating revenue	Total operating expenses	Total equity	Telecom plant in service	Net plant	Total assets
		<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Alabama	18	158,627	122,556	255,779	458,646	263,157	489,168
Alaska	10	152,326	125,927	185,512	564,447	288,251	397,730
Arizona	7	84,772	76,839	132,432	314,830	188,116	287,888
Arkansas	16	176,539	133,046	248,302	605,456	389,332	511,395
California	13	107,218	86,210	185,301	321,569	168,406	299,543
Colorado	14	30,563	23,882	58,418	125,362	76,847	117,263
Connecticut							
Delaware							
Florida	2	60,617	50,806	59,341	228,096	103,875	120,218
Georgia	23	361,289	291,507	353,745	1,216,239	579,791	865,303
Hawaii							
Idaho	9	19,475	16,030	37,697	73,228	41,921	75,024
Illinois	19	54,900	40,733	111,590	143,677	64,856	160,739
Indiana	23	64,606	48,602	129,842	207,971	125,009	209,935
Iowa	62	84,787	57,444	267,420	246,361	136,342	354,663
Kansas	22	115,654	89,403	220,197	390,147	233,187	392,019
Kentucky	15	125,963	93,578	234,740	454,372	280,759	461,700
Louisiana	16	182,663	134,862	263,744	479,762	265,579	425,414
Maine	9	25,556	20,756	31,617	86,325	44,002	62,009
Maryland	1	4,669	4,022	4,906	12,261	6,774	11,179
Massachusetts	1	2,861	2,511	2,661	5,554	2,708	5,266
Michigan	22	114,541	86,719	162,812	295,755	176,706	289,394
Minnesota	54	258,204	198,779	370,925	912,121	457,987	768,091
Mississippi	15	87,963	65,383	122,642	249,164	154,982	233,301
Missouri	20	120,607	84,780	232,189	423,347	274,739	397,923
Montana	12	106,469	79,667	231,878	448,197	283,255	489,471
Nebraska	28	89,026	70,771	221,199	292,599	154,396	393,735
Nevada	3	9,163	6,780	20,919	33,705	21,960	36,208
New Hampshire	6	18,353	15,628	22,157	54,984	29,123	43,288
New Jersey							
New Mexico	8	78,486	59,002	130,333	321,935	163,547	291,094
New York	26	117,795	104,401	160,692	311,562	183,624	313,463
North Carolina	16	234,139	172,510	338,693	775,014	429,025	644,055
North Dakota	10	60,328	46,233	143,228	308,290	154,998	299,530
Ohio	14	22,731	17,766	37,298	62,506	32,177	63,972
Oklahoma	25	166,624	127,745	257,477	554,211	327,372	526,345
Oregon	19	74,424	60,023	155,966	330,364	190,278	280,273
Pennsylvania	15	89,819	70,348	97,283	234,733	122,219	190,364
Rhode Island							
South Carolina	14	193,294	157,226	316,177	685,608	352,253	593,192
South Dakota	17	59,002	45,131	139,467	248,694	126,696	292,919
Tennessee	21	217,036	169,178	304,895	748,255	450,058	639,853
Texas	32	282,142	221,235	597,417	1,060,242	610,884	1,048,083
Utah	4	23,253	16,972	25,523	83,729	57,417	79,327
Vermont	4	7,212	6,475	8,512	23,938	9,912	13,850
Virginia	11	52,000	39,517	88,854	173,239	106,474	159,833
Washington	14	51,627	41,652	78,147	159,443	90,583	140,133
West Virginia	6	31,975	29,805	73,708	141,882	101,646	125,888
Wisconsin	71	315,120	253,371	480,928	1,047,982	640,987	886,963
Wyoming	7	69,283	51,391	60,661	231,207	158,994	199,821
Micronesia	1	9,517	6,720	25,922	55,786	41,732	56,538
Guam	1	34,752	30,448	59,076	247,414	182,073	204,726
Marshall Islands	1	5,585	4,931	8,579	30,138	18,889	29,701
Northern Mariana Isl	1	33,352	24,832	38,614	97,810	47,481	86,626
Palau	1	6,373	5,795	13,627	45,810	40,634	52,577
Puerto Rico							
Virgin Islands							
United States	779	4,853,279	3,789,927	7,809,039	16,623,970	9,452,011	15,116,992

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**Table 10-26.—Rural Utilities Service: Financing approved and funds advanced to telecommunications borrowers, by States, as of December 31, 1998**

State	Financing - Cumulative totals								
	Borrowers			Financing approved			Funds advanced		
	RUS	RTB	Guarantee	RUS	RTB	RUS guarantee commitments	RUS	RTB	FFB (RUS guaranteed)
	Number	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Alabama	25	21	2	212,516	104,668	11,901	178,598	94,123	11,901
Alaska	12	10	1	161,885	107,814	34,013	159,979	84,279	34,013
Arizona	8	7	3	105,078	105,348	33,125	58,704	81,810	33,016
Arkansas	19	12	2	185,656	120,580	23,122	156,420	102,162	23,122
California	14	14	3	123,407	100,533	38,608	92,831	65,011	11,396
Colorado	19	9	1	73,215	31,975	102	61,302	26,518	
Connecticut									
Delaware									
Florida	9	7	5	45,978	41,332	76,556	43,120	40,734	60,237
Georgia	27	20	3	399,179	235,507	88,912	325,908	174,650	84,948
Hawaii	1	1		17,433	10,249				
Idaho	11	3		52,369	13,054		46,530	7,638	
Illinois	23	20		91,769	32,240		82,179	26,258	
Indiana	35	14	1	114,509	40,472	1,040	106,572	24,623	1,014
Iowa	86	43	4	177,707	78,215	8,361	140,138	42,554	5,733
Kansas	31	18	3	280,519	69,278	20,561	226,220	40,683	16,199
Kentucky	17	13	1	337,983	121,695	26,400	287,256	61,390	26,400
Louisiana	17	14	3	208,490	95,568	14,026	150,451	61,059	13,651
Maine	12	12	1	34,983	37,323	1,875	33,533	36,371	1,875
Maryland	1	1		2,061	4,080		2,061	4,080	
Massachusetts	1	1		2,095	3,780		1,835	1,801	
Michigan	30	19	1	116,972	84,901	2,953	104,794	71,563	2,953
Minnesota	66	45	5	428,836	159,572	22,225	331,653	102,378	10,239
Mississippi	16	12	1	111,223	18,699	5,200	104,370	15,906	5,200
Missouri	27	15	3	265,265	84,616	36,777	214,849	54,553	36,528
Montana	13	8		249,051	37,280		228,575	5,728	
Nebraska	32	14	1	127,515	44,710	4,672	112,730	36,647	3,337
Nevada	4	4		12,598	12,292		8,449	12,292	
New Hampshire	7	7	1	22,600	15,352	180	18,705	12,072	180
New Jersey	8	1	1	14,295	16,554	3,084	14,295	16,554	3,084
New Mexico	8	5		239,662	18,601		194,570	3,744	
New York	24	26	3	62,085	57,694	18,877	54,111	47,760	18,220
North Carolina	19	11	2	206,483	152,120	19,512	203,425	129,970	19,512
North Dakota	14	7		261,179	27,167		219,798	13,918	
Ohio	17	5		29,393	9,343		29,296	5,444	
Oklahoma	30	26	2	276,368	187,545	38,021	229,805	155,444	18,335
Oregon	26	18	6	119,742	54,152	32,788	91,209	41,137	25,260
Pennsylvania	22	19	4	82,302	215,981	118,247	73,529	212,751	57,408
Rhode Island									
South Carolina	18	15	4	250,923	276,757	155,764	198,762	216,982	54,815
South Dakota	19	11	1	325,736	33,712	7,794	217,340	19,013	
Tennessee	22	17	4	437,965	116,838	23,366	352,942	73,507	14,358
Texas	60	33	5	614,949	184,299	63,838	528,952	136,448	51,316
Utah	7	5		41,004	7,493		32,397	7,435	
Vermont	4	5		4,785	10,361		4,785	6,955	
Virginia	14	10	1	79,823	41,307	3,337	71,879	28,775	717
Washington	19	12	3	51,081	36,888	11,571	43,719	28,228	5,997
West Virginia	7	6	1	73,235	20,955	5,250	63,412	19,458	5,250
Wisconsin	80	65	4	402,770	240,844	26,593	292,164	171,622	26,093
Wyoming	7	7	1	56,656	15,232	3,497	41,641	8,028	
Micronesia	1			39,960			39,960		
Guam	1	1	1	106,298	19,610	24,700	106,298	18,257	24,700
Marshall Islands	1			22,799			21,719		
Northern Mariana Isl	1	1		11,212	46,833		11,212	34,973	
Palau	1			39,143			36,398		
Puerto Rico	2			115,677			115,677		
Virgin Islands	1			65,743			65,743		
United States	989	670	88	7,992,163	3,601,416	1,006,848	6,632,802	2,683,284	707,007

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