

CHAPTER XII

AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various natural resources, particularly soil, water, timber, wetlands, wildlife, and improvement of water quality. Forestry statistics include area of private and public-owned forest land, timber production, imports and exports, pulpwood consumption and paper and board production, area burned over by forest fires, livestock grazing, and recreational use of national forest lands.

Conservation Practices on Active Contracts

Practice code	Practice	Acres
CP 1	Establishment of permanent introduced grasses and legumes	18,899,212
CP 2	Establishment of permanent native grasses	7,811,239
CP 3	Tree planting	2,192,580
CP 4	Permanent wildlife habitat	1,544,244
CP 5	Field windbreak establishment	8,243
CP 6	Diversions	157,746
CP 7	Erosion control structure	47,732
CP 8	Grass waterways	13,843
CP 9	Shallow water areas for wildlife	17,307
CP10	Vegetative cover - grass- already established	2,207,721
CP11	Vegetative cover - trees- already established	81,535
CP12	Wildlife food plot	29,325
CP13	Vegetative filter strips *	81,250
CP14	Bottomland timber establishment on wetlands	75,790
CP15	Establishment of permanent vegetative cover (contour grass strips)	519
CP16	Shelterbelt establishment	507
CP17	Living snow fences	28
CP18	Establishment of permanent vegetation to reduce salinity	4,883
CP19	Alley cropping	74
CP20	Alternative perennials	62
CP21	Filter strips *	0
CP22	Riparian buffer	0
CP23	Wetland restoration **	0

Contract Expiration Schedule

Program year	1997	1998	1999	2000	2001	2002	2005	2006	Total
1986	1,687,883	.....	.....	.....	.....	.....	.....	.....	.....
1987	11,568,733	.....	.....	.....	.....	.....	.....	.....	.....
1988	8,245,398	.....	.....	.....	.....	.....	.....	.....	.....
1989 ....	.....	4,845,693	.....	.....	.....	.....	.....	.....	.....
1990 ....	.....	.....	3,556,352	.....	.....	.....	.....	.....	.....
1991 ....	.....	.....	.....	458,781	.....	.....	.....	.....	.....
1992 ....	.....	.....	.....	.....	973,350	.....	.....	.....	.....
1993 ....	.....	.....	.....	.....	.....	1,003,810	.....	.....	.....
1996 ....	.....	.....	.....	.....	.....	.....	446,792	.....	.....
1997 ....	.....	.....	.....	.....	.....	.....	.....	169,684	.....
Total ....	.....	.....	.....	.....	.....	.....	.....	.....	32,956,476

FSA, Conservation and Environmental Protection Division, (202) 720-4053.

XII-2 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Table 12-1.—Conservation Reserve Program (CRP): Enrollment Summary, March 1986–January 1997¹

State	Number of contracts	Acres enrolled		Rental rate (dollars per acre per year, weighted average)	Erosion reduction ² (tons per acre per year, weighted average)
		Total	Average per contract		
Alabama	9,868	527,044	53.4	42.75	17
Alaska	50	24,404	488.1	35.94	7
Arizona	1	33	33.0	40.00	0
Arkansas	3,250	231,319	71.2	48.64	13
California	507	176,112	347.4	48.22	13
Colorado	6,506	1,893,915	291.1	40.98	24
Connecticut	0	0	0.0	0.00	0
Delaware	26	767	29.5	70.59	5
Florida	2,494	121,001	48.5	42.05	15
Georgia	14,585	600,154	41.1	42.95	13
Hawaii	1	592	592.0	80.00	5
Idaho	3,910	790,991	202.3	45.63	16
Illinois	20,537	732,345	35.7	77.90	18
Indiana	11,136	382,863	34.4	75.31	15
Iowa	34,831	1,749,602	50.2	83.66	18
Kansas	32,071	2,856,130	89.1	52.64	16
Kentucky	71,192	337,263	4.7	59.57	28
Louisiana	1,759	141,151	80.2	44.10	11
Maine	892	29,831	33.4	49.55	7
Maryland	734	19,309	26.3	73.20	8
Massachusetts	6	54	9.0	113.61	0
Michigan	8,728	325,201	37.3	58.68	9
Minnesota	26,103	1,566,764	60.0	54.33	17
Mississippi	14,040	804,435	57.3	42.89	19
Missouri	24,313	1,627,851	67.0	63.63	18
Montana	8,493	2,743,750	323.1	37.05	13
Nebraska	14,276	1,255,684	88.0	55.37	21
Nevada	1	2,353	2,353.0	40.00	16
New Hampshire	10	11	1.1	48.00	0
New Jersey	23	550	23.9	53.62	11
New Mexico	1,623	467,739	288.2	37.58	39
New York	1,643	54,576	33.2	53.37	11
North Carolina	6,187	132,742	21.5	45.80	16
North Dakota	18,834	2,829,585	150.2	38.18	15
Ohio	8,308	328,147	39.5	72.22	10
Oklahoma	8,659	1,141,865	131.9	42.26	22
Oregon	1,993	486,240	244.0	48.97	11
Pennsylvania	2,472	89,157	36.1	62.42	14
Puerto Rico	8	394	49.3	56.46	33
South Carolina	6,920	263,322	38.1	42.20	13
South Dakota	11,954	1,693,555	141.7	40.90	11
Tennessee	9,626	381,394	39.6	51.92	21
Texas	19,704	3,921,987	199.0	39.47	30
Utah	1,008	218,485	216.8	39.78	17
Vermont	5	114	22.8	50.00	18
Virginia	3,028	70,431	23.3	52.26	15
Washington	4,668	1,020,196	218.6	50.37	14
West Virginia	27	439	16.3	49.10	11
Wisconsin	21,960	666,844	30.4	66.50	12
Wyoming	828	249,791	301.7	38.45	14
United States, total	439,798	32,958,482	74.9	51.98	14

¹CRP is a voluntary long-term cropland retirement program established in Title XII of the Food Security Act of 1985 (P.L. 99-198). USDA pays CRP participants an annual per-acre rent and half the cost of establishing a permanent land cover in exchange for retiring highly erodible cropland for 10 years. ²Erosion reduction equals erosion rate before implementation of conservation practice minus erosion rate after implementation.

Note: Total acres enrolled may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720-4053.

**Table 12-2.—Conservation Reserve Program (CRP): Enrollment by Practice,
March 1986–June 1992
(CP 1 and CP 2)**

State	CP 1 Establishment of permanent introduced grasses and legumes				CP 2 Establishment of permanent native grasses			
	No. of con- tracts	Total acres treated	Total cost share	Cost share per acre treated	No. of con- tracts	Total acres treated	Total cost share	Cost share per acre treated
Alabama	3,765	205,300	10,198,488	50	2	11	699	65
Alaska	39	24,588	2,463,540	100				
Arizona								
Arkansas	1,439	84,994	3,347,775	39	2	100	1,706	17
California	324	118,210	2,441,164	21	4	137	6,389	46
Colorado	2,267	556,663	27,324,852	49	3,950	1,342,677	65,246,839	49
Connecticut								
Delaware	5	157	5,624	36				
Florida	209	6,405	296,223	46	2	408	11,826	29
Georgia	1,441	46,598	2,565,209	55	8	703	22,994	33
Hawaii								
Idaho	3,441	734,834	29,206,320	40	5	1,701	46,961	28
Illinois	16,914	703,790	30,545,102	43	525	10,484	627,201	60
Indiana	9,489	395,135	23,931,448	61	50	1,162	65,298	56
Iowa	29,997	1,809,828	74,808,636	41	3,068	107,611	6,048,896	56
Kansas	4,555	248,252	10,131,715	41	26,063	2,648,833	111,610,636	42
Kentucky	6,571	344,908	15,386,968	45	19	535	27,466	51
Louisiana	488	28,302	771,552	27	9	500	6,021	12
Maine	537	22,114	2,674,201	121				
Maryland	381	11,346	1,184,389	104				
Massachusetts	1	16	1,870	117				
Michigan	5,685	226,208	7,233,308	32	180	4,180	122,085	29
Minnesota	21,932	1,576,334	55,064,135	35	2,513	107,263	4,394,470	41
Mississippi	4,089	218,693	7,607,914	35	6	634	13,898	22
Missouri	18,582	1,385,600	56,992,638	41	1,389	66,624	3,425,786	51
Montana	7,057	2,493,903	53,274,683	21	839	295,453	7,213,464	24
Nebraska	5,808	609,310	18,772,733	31	5,910	519,523	17,839,941	34
Nevada	9	3,070	73,214	24				
New Hampshire								
New Jersey	25	565	52,036	92	1	3	100	33
New Mexico	104	30,715	2,357,082	77	1,392	445,774	22,413,046	50
New York	1,064	38,853	2,764,933	71	36	690	50,033	73
North Carolina	2,298	56,298	3,732,933	66	11	248	17,254	70
North Dakota	15,706	2,657,010	86,442,873	33	165	13,459	503,167	37
Ohio	7,072	324,745	15,123,815	47	133	2,254	123,121	55
Oklahoma	5,692	702,239	23,227,950	33	3,064	464,739	12,748,031	27
Oregon	1,837	507,373	19,112,745	38	2	49	1,334	28
Pennsylvania	1,666	49,148	3,762,629	77	12	176	14,567	83
Puerto Rico	1	10	1,900	190	3	77	6,360	83
Rhode Island								
South Carolina	1,283	39,954	2,349,562	59		12	266	22
South Dakota	8,080	1,320,945	37,143,617	28	932	132,925	4,910,674	37
Tennessee	8,661	367,189	19,324,592	53	8	134	4,741	35
Texas	8,788	1,674,857	87,975,233	53	9,943	2,263,404	120,886,052	53
Utah	883	213,786	5,055,301	24				
Vermont	9	115	13,539	118				
Virginia	1,615	37,189	1,915,047	51	10	212	10,229	48
Washington	4,221	1,006,335	40,379,151	40	13	4,852	217,177	45
West Virginia	19	255	11,881	47	1	7	200	31
Wisconsin	11,095	292,851	12,032,812	41	972	21,447	1,010,815	47
Wyoming	644	210,824	5,635,592	27	3	404	15,725	39
United States, total	225,788	21,385,816	804,718,924	38	61,246	8,459,403	379,665,468	45

Note: Total acres treated may not add due to rounding.
FSA, Conservation and Environmental Protection Division, (202) 720-4053.

XII-4 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

**Table 12-3.—Conservation Reserve Program (CRP): Enrollment by Practice,
March 1986–June 1992
(CP 3 and CP 4)**

State	CP 3 Tree planting				CP 4 Permanent wildlife habitat			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
Alabama	6,253	292,607	13,088,258	45	233	4,610	264,707	57
Alaska					1	710	142,000	200
Arizona								
Arkansas	1,773	140,775	6,703,793	48	147	11,311	547,962	48
California	11	736	127,570	173	48	3,213	211,860	66
Colorado	30	637	419,450	658	311	70,544	4,699,538	67
Connecticut	1	10	3,500	350				
Delaware	6	153	6,034	40	10	402	38,836	97
Florida	2,179	116,451	3,231,483	28	42	3,928	223,514	57
Georgia	13,138	625,373	22,835,428	37	180	8,423	472,198	56
Hawaii								
Idaho	42	1,253	114,869	92	270	113,737	4,352,537	38
Illinois	1,597	29,059	2,253,607	78	569	15,321	1,016,987	66
Indiana	974	16,943	2,348,668	139	390	11,603	879,768	76
Iowa	1,199	14,589	2,229,765	153	471	8,600	1,037,662	121
Kansas	134	2,502	158,059	63	361	18,435	883,024	48
Kentucky	149	3,288	253,159	77	223	13,261	637,830	48
Louisiana	716	51,469	2,350,389	46	86	3,890	235,806	61
Maine	141	2,326	253,048	109	12	575	85,114	148
Maryland	117	1,598	142,992	89	115	3,495	244,440	70
Massachusetts	1	10	3,000	300				
Michigan	1,116	17,089	1,198,684	70	251	5,895	237,962	40
Minnesota	2,275	50,625	4,008,524	79	1,207	13,689	1,132,925	83
Mississippi	8,568	479,255	17,145,131	36	691	25,561	940,489	37
Missouri	549	19,124	2,426,206	127	1,417	73,296	2,996,536	41
Montana	17	190	9,240	49	102	23,611	504,693	21
Nebraska	359	3,377	290,461	86	3,281	270,697	10,651,721	39
Nevada								
New Hampshire								
New Jersey	1	22	1,680	75				
New Mexico					2	1,400	74,570	53
New York	213	3,533	366,263	104	27	640	45,024	70
North Carolina	4,100	84,503	2,626,830	31	75	737	52,314	71
North Dakota	112	1,041	116,693	112	2,553	412,305	13,464,014	33
Ohio	856	11,686	858,189	73	334	10,328	459,251	44
Oklahoma	45	1,569	95,228	61	52	1,721	48,485	28
Oregon	31	609	60,197	99	25	2,049	94,216	46
Pennsylvania	91	1,266	102,356	81	78	3,013	304,555	101
Puerto Rico	2	30	5,285	176				
Rhode Island								
South Carolina	5,127	207,827	5,289,364	25	393	8,733	426,498	49
South Dakota	67	600	60,144	100	3,424	562,752	16,363,687	29
Tennessee	821	24,930	961,925	39	665	16,118	623,033	39
Texas	161	18,824	841,602	45	1,289	153,403	7,554,992	49
Utah					129	18,936	486,704	26
Vermont								
Virginia	1,398	28,473	944,214	33	229	3,610	184,432	51
Washington	39	1,493	210,680	141	191	16,429	1,569,169	96
West Virginia	3	21	1,108	53	3	39	2,080	53
Wisconsin	4,022	65,342	5,660,644	87	843	13,172	600,836	46
Wyoming	1	8	400	50	137	42,370	1,113,291	26
United States, total	58,435	2,321,219	99,804,120	43	20,867	1,972,563	75,905,260	38

Note: Total acres treated may not add due to rounding.
FSA, Conservation and Environmental Protection Division, (202) 720-4053.

**Table 12-4.—Conservation Reserve Program (CRP): Enrollment by Practice,
March 1986—June 1992
(CP 5, CP 6 and CP 7)**

State	CP 5 Establishment of field windbreaks				CP 6 Diversions I				CP 7 Erosion control structures			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL	1	5	214	42	8	8	5,856	732	11	21	33,127	1,577
AK												
AZ												
AR					6	226	5,849	26	10	402	14,812	37
CA	2	16	12,800	805	1	4	29,120	7,280	8	16	55,225	3,452
CO	26	427	211,550	495	22	1,376	25,733	19	20	12,972	46,604	4
CT												
DE												
FL												
GA	1	5	132	26					1	3	3,025	1,008
HI												
ID	6	22	10,984	493	4	37	2,971	79	3	991	10,500	11
IL	9	14	2,101	147	79	6,912	105,861	15	174	682	380,806	559
IN	21	628	18,550	30	2	62	1,483	24	17	101	28,083	279
IA	28	95	23,983	252	7	127	9,258	73	9	10	22,664	2,200
KS	42	169	21,728	129	109	22,672	104,136	5	22	6,366	67,534	11
KY					23	20	25,305	1,247	134	746	296,782	398
LA					3	145	3,984	27	11	308	8,377	27
ME									1	55	700	13
MD					4	37	3,306	89	5	116	24,263	209
MA												
MI	42	75	6,518	86	4	26	1,122	44	22	221	13,249	60
MN	785	1,473	265,440	180	13	36	22,501	629	68	149	304,967	2,0500
MS					5	7	3,665	524	18	64	48,208	757
MO	5	7	397	53	18	69	19,012	275	8	30	7,648	252
MT	64	1,041	104,063	100	1	1	187	187	1	13	2,795	210
NE	405	1,242	178,353	144	19	232	13,379	58	8	176	9,625	55
NV												
NH												
NJ												
NM	3	18	11,981	666								
NY					3	14	975	72	1	1	1,393	1,393
NC												
ND	346	1,244	160,053	129	4	46	3,892	85	1	3	1,416	472
OH	10	31	4,485	144	1	1	1,000	1,000	19	157	28,725	183
OK	12	116	3,005	26	119	29,648	105,126	4	37	3,081	69,032	22
OR					2	13	4,875	375	5	865	16,850	19
PA	2	1	670	515	10	39	8,347	211	6	5	2,450	480
PR												
RI												
SC	9	10	602	63	2	4	1,066	273				
SD	133	723	77,947	108					2	77	3,042	39
TN					69	4,793	51,941	11	66	347	91,595	264
TX	6	16	17,674	1,091	51	10,417	97,976	9	23	4,704	135,317	29
UT	1	10	100	10	39	5,655	159,189	28	41	5,072	126,600	25
VT												
VA					1	(¹)	83	830	1	1	641	641
WA					8	819	9,972	12	5	13	13,758	1,058
WV												
WI	23	87	3,740	43	16	28	4,975	175	54	321	111,500	34 7
WY	4	22	4,973	230	1	41	680	16				
US	1,986	7,500	1,142,043	152	654	83,516	832,825	10	812	38,089	1,981,313	52

¹ Value less than 0.5.

Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720-4053.

XII-6 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Table 12-5.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1992
(CP 8, CP 9 and CP 10)

State	CP 8 Grass waterways				CP 9 Shallow water areas for wildlife				CP 10 Vegetative-cover-grass-already established			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL	113	389	100,365	258	5	18	9,585	530	695	50,889	8,598	(1)
AK									1	50		
AZ												
AR	1	46	1,396	30	28	684	19,761	29	251	11,219		
CA	13	132	14,930	113	17	1,567	186,288	119	213	62,270		
CO	4	53	5,560	106	6	24	135,855	5,781	91	7,422		
CT												
DE	1	(1)	959	2,398								
FL	1	3	1,732	541					33	957		
GA	1	2	1,100	500	1	10	2,000	200	305	2,620		
HI									1	85		
ID	5	21	21,801	1,014	8	7	16,420	2,346	417	23,541		
IL	259	475	300,785	633	75	437	118,476	271	1,780	41,272	290	(1)
IN	45	303	55,448	183	30	270	30,839	114	1,387	32,352		
IA	136	455	270,916	596	30	129	23,789	185	9,112	277,294	6,784	(1)
KS	76	266	59,925	225	13	432	9,977	23	629	16,933	1,287	(1)
KY	278	1,595	332,693	209	11	44	127,350	2,868	2,504	86,988	10,186	(1)
LA	13	621	8,890	14	46	4,920	71,923	15	502	29,409		
ME	2	88	3,430	39					475	13,212		
MD	19	245	54,957	224	5	7	17,213	2,459	65	1,178		
MA									2	6		
MI	73	321	26,989	84	48	52	72,519	1,392	2,736	76,863	2,037	(1)
MN	371	654	359,835	550	141	1,185	129,507	109	6,259	173,301	1,000	(1)
MS					32	821	22,200	27	1,388	76,425		
MO	25	76	17,619	232	12	374	16,017	43	5,164	176,335	2,416	(1)
MT	68	319	34,939	110	4	15	11,331	755	311	35,454	200	(1)
NE	136	397	69,922	176	17	270	11,844	44	560	19,270	2,105	(1)
NV									1	54		
NH												
NJ	1	1	50	45					5	127		
NM									59	5,283	1,156	(1)
NY	4	33	1,880	58	1	34	1,685	50	774	20,565	700	(1)
NC	7	5	4,186	790					362	5,044		
ND	86	479	111,237	232	36	1,234	44,807	36	1,675	92,139	446	(1)
OH	95	5,237	123,534	24	67	269	169,308	630	1,049	25,073	244	(1)
OK	62	1,222	33,551	27					352	20,461		
OR	15	128	21,710	170	3	307	8,267	27	178	14,345	6,224	(1)
PA	19	23	18,347	808	6	12	21,400	1,845	1,508	46,243		
PR									6	334		
RI												
SC	4	8	6,511	775					209	4,604		
SD	13	28	13,504	477	15	32	11,812	366	1,696	97,449	3,260	(1)
TN	62	162	20,978	129	8	319	35,180	110	1,963	48,361	9,266	(1)
TX	105	1,281	95,399	74	12	33	17,663	540	395	35,941	12,713	(1)
UT	1	310	1,875	6					5	1,260		
VT									3	65		
VA	10	8	3,932	517	2	3	3,200	1,103	394	7,853		
WA	13	123	66,528	539	4	35	19,999	568	350	17,746		
WV									18	285		
WI	72	195	51,991	266	135	470	60,722	129	13,575	348,689	673	(1)
WY	2	10	1,191	119	2	13	2,654	204	27	3,597		
US	2,211	15,720	2,320,595	148	820	14,026	1,429,591	102	59,485	2,010,868	69,585	(1)

¹ Value less than 0.5.

Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720-4053.

**Table 12-6.—Conservation Reserve Program (CRP): Enrollment by Practice,
March 1986–June 1992
(CP 11, CP 12 and CP 13)**

State	CP 11 Vegetative-cover-trees-already-established				CP 12 Wildlife food plots				CP 13 Filter strips			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL	381	11,952			111	511			58	571	27,183	48
AK												
AZ												
AR	24	490			6	63			39	691	34,011	49
CA	2	836			4	315						
CO	1	5							2	20	1,010	50
CT												
DE	1	20							13	263	18,251	69
FL	231	6,516			20	188			1	1	26	29
GA	697	18,652			44	465			63	1,548	72,163	47
HI												
ID	2	309			5	314			4	21	2,301	109
IL	25	241			133	548	579	1	640	4,203	194,148	46
IN	26	298			18	126			381	3,138	183,073	58
IA	24	762			236	842	28	(¹)	457	3,269	154,942	47
KS	6	106			45	243			158	1,049	58,940	56
KY	34	384	2,844	7	18	68			123	1,319	53,307	40
LA	53	1,817			25	132			9	87	5,020	58
ME	23	242							3	20	2,020	103
MD	5	196			36	163			190	2,324	237,978	102
MA									1	1	265	265
MI	17	159			224	1,150			130	1,069	32,192	30
MN	94	614			234	750			302	2,400	93,966	39
MS	750	20,541			151	1,767			213	3,063	111,288	36
MO	33	895	2,885	3	191	551			309	2,563	101,018	39
MT	10	1,048			2	5			1	13	322	26
NE	24	535			54	379	1,329	4	65	368	10,693	29
NV												
NH												
NJ												
NM												
NY	5	23			3	29			9	64	4,949	77
NC	197	2,363			6	43			17	104	4,356	42
ND	38	199			95	901			32	460	14,865	32
OH	35	522			39	136	125	1	267	1,494	68,095	46
OK	5	288			20	154			13	87	4,694	54
OR	14	652			14	1,301			5	28	2,371	85
PA	26	908			9	70			8	87	7,596	87
PR	1	4										
RI												
SC	249	8,070	1,206	(¹)	93	735			335	6,473	241,028	37
SD	61	653			276	3,223			52	743	22,636	30
TN	45	764			33	592			937	12,499	634,963	51
TX	20	2,012	32,323	16	81	1,164			2	34	644	19
UT												
VT												
VA	84	1,140			25	264			63	679	40,260	59
WA	1	3							8	62	8,534	138
WV	2	11										
WI	67	561			344	1,254	675	1	328	2,111	64,958	31
WY												
US	3,313	84,793	39,258	(¹)	2,595	18,449	2,736	(¹)	5,238	52,928	2,514,066	48

¹ Value less than 0.5.

Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720-4053.

**Table 12-7.—Conservation Reserve Program (CRP): Enrollment by Practice,
March 1986–June 1992
(CP 14, CP 15 and CP 16)**

State	CP 14 Wetland trees				CP 15 Contour grass strips				CP 16 Shelter belts			
	No. of con-tracts	Total acres treat-ed	Total cost share	Cost share per acre treated	No. of con-tracts	Total acres treat-ed	Total cost share	Cost share per acre treated	No. of con-tracts	Total acres treat-ed	Total cost share	Cost share per acre treated
AL	67	6,572	615,938	94								
AK												
AZ												
AR	100	9,597	492,485	51								
CA												
CO												
CT												
DE												
FL												
GA	61	1,906	87,887	46								
HI												
ID	5	1,307	21,277	16								
IL	237	6,280	382,904	61	5	18	2,782	155	4	9	1,145	130
IN	57	824	71,176	86	1	5	250	50				
IA	16	605	36,760	61	30	436	18,021	41	20	31	7,863	250
KS	20	459	24,018	52	2	26	813	31	1	2	109	57
KY	5	206	15,272	74								
LA	198	25,958	1,389,670	54								
ME												
MD	6	59	4,247	72	1	2	3,500	1,522				
MA												
MI	12	95	4,931	52	1	5	500	100				
MN	26	735	45,078	61	1	2	100	45	11	36	5,654	155
MS	127	15,002	815,456	54								
MO	46	848	56,574	67	4	100	4,443	44				
MT									1	4	157	41
NE	6	269	3,694	14	2	9	310	34	22	98	14,388	147
NV												
NH												
NJ	1	5	2,000	400								
NM												
NY	8	70	4,726	67								
NC	30	1,636	51,049	31								
ND	1	72	2,304	32					2	24	2,837	116
OH	36	242	23,273	96								
OK												
OR	9	1,954	193,208	99								
PA	3	67	6,239	92	1	26	2,560	100				
PR												
RI												
SC	57	1,640	43,798	27								
SD									19	102	18,004	177
TN	85	4,581	331,957	72								
TX	1	238	13,095	55								
UT												
VT												
VA	4	100	2,887	29								
WA					1	6	187	34				
WV												
WI	32	375	27,346	73								
WY												
US	1,256	81,702	4,769,249	58	49	636	33,466	53	80	307	50,157	164

Note: Total acres treated may not add due to rounding.
FSA, Conservation and Environmental Protection Division, (202) 720-4053.

Table 12-8.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1992 (CP 17, CP 18 and CP 19)

State	CP 17 Living snow fences				CP 18 Salt tolerant grasses				CP 19 Alley cropping			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL												
AK												
AZ												
AR												
CA												
CO												
CT												
DE												
FL												
GA												
HI												
ID												
IL												
IN												
IA	2	2	357	210								
KS					4	332	11,963	36				
KY												
LA												
ME												
MD												
MA												
MI												
MN	4	17	1,705	99	3	94	4,581	49				
MS												
MO					13	3,488	50,281	14	1	54	6,947	130
MT												
NE	1	7	760	107								
NV												
NH												
NJ												
NM												
NY												
NC												
ND					8	424	8,258	19				
OH												
OK					15	1,061	28,599	27				
OR												
PA												
PR												
RI												
SC												
SD					2	37	870	24				
TN												
TX					3	257	14,108	55				
UT												
VT												
VA												
WA					1	38	1,668	44				
WV												
WI												
WY												
US	7	26	2,822	108	49	5,730	120,328	21	1	54	6,947	130

Note: Total acres treated may not add due to rounding.
 FSA, Conservation and Environmental Protection Division, (202) 720-4053.

Table 12-9.—Agricultural Conservation Program and Emergency Conservation Program: Assistance to farmers for carrying out conservation and pollution abatement practices, United States and Caribbean area, fiscal years 1987–96¹

Year	Agricultural Conservation Program	Emergency Conservation Program
	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1987	137,297	3,900
1988	198,665	4,378
1989	179,244	7,226
1990	183,966	12,469
1991	191,407	12,579
1992	191,049	9,532
1993	179,967	23,709
1994	202,992	35,825
1995	137,467	27,348
1996	101,669	26,867

¹Totals are from unrounded data.
 FSA, Conservation and Environmental Protection Division, (202) 720-4053.

Table 12-10.—Agricultural Conservation Program and Emergency Conservation Program: Participation and assistance, by States and Caribbean area, 1996 fiscal year¹

State or Territory	Agricultural conservation program					Emergency conservation program		
	Participating farms	Area served	Assistance			Participating farms	Area served	Assistance
			Regular	Long term	Total assistance			
	Number	1,000 acres	1,000 dollars	1,000 dollars	1,000 dollars	Number	1,000 acres	1,000 dollars
AL	1,602	91	1,976	1,284	3,260	1,293	214	2,231
AK	49	3	72	104	176			
AZ	220	431	698	681	1,379	1	+	37
AR	2,091	143	1,682	1,002	2,684	7	1	12
CA	680	70	1,605	594	2,199	650	449	7,742
CO	941	218	1,469	517	1,986	56	9	115
CT	112	2	106	183	289			
DE	210	146	82	236	318			
FL	920	32	1,616	442	2,058	331	20	1,330
GA	2,037	417	2,340	1,122	3,462	154	34	582
GU	1	*	**	**	0			
HI	100	6	185	170	355	1	+	25
ID	760	100	1,404	702	2,106	30	2	79
IL	1,607	87	2,233	928	3,161	185	9	640
IN	953	46	1,036	386	1,422	21	+	98
IA	1,986	71	2,638	950	3,588	169	4	298
KS	2,111	129	2,372	642	3,014	1	+	2
KY	1,126	59	1,124	897	2,021	123	46	382
LA	1,944	104	1,549	644	2,193			
ME	702	34	678	940	1,618	71	4	170
MD	524	42	323	533	856	4	+	3
MA	436	14	227	132	359			
MI	1,930	152	1,151	1,978	3,129			
MN	2,601	76	2,917	1,116	4,033	127	7	210
MS	1,654	154	1,746	466	2,212	20	+	43
MO	1,707	53	2,614	995	3,609	676	96	5,572
MT	861	413	1,585	718	2,303	14	32	136
NE	2,083	251	1,801	1,160	2,961	67	4	76
NV	133	34	342	216	558	3	+	24
NH	212	14	236	135	371			
NJ	190	17	219	159	378			
NM	527	272	958	164	1,122			
NY	1,208	53	1,080	885	1,965	235	30	674
NC	4,265	94	1,606	340	1,946	144	4	151
ND	1,956	167	1,353	517	1,870	1	+	**
OH	1,561	75	1,495	1,065	2,560	16	+	264
OK	1,449	170	1,478	466	1,944	145	13	636
OR	1,082	139	1,738	664	2,402	167	111	95
PA	1,640	65	1,307	1,023	2,330	83	1	65
PR	190	4	205	17	222	84	3	
RI	16	*	10	72	82			
SC	901	43	795	666	1,461			
SD	1,822	185	1,164	432	1,596	405	170	543
TN	1,556	32	1,268	547	1,815	7	+	20
TX	4,209	640	6,353	1,365	7,718	136	26	264
UT	482	96	757	480	1,237	23	2	13
VT	287	19	202	787	989	147	6	305
VA	1,747	60	1,153	376	1,529	423	30	1,808
VI	2	*	4	0	4	42	3	135
WA	918	85	1,610	672	2,282	108	9	554
WV	1,068	46	515	408	923	379	15	636
WI	1,845	98	1,910	1,285	3,195	6	+	7
WY	251	75	394	450	844			
CNMI								
Total	61,465	5,827	65,381	32,713	98,094	6,555	1,354	25,977

¹ Totals are net totals and may not add. * Less than 500 acres served. ** Less than \$500.
 FSA, Conservation and Environmental Protection Division, (202) 720-4053. Totals are the sum of rounded data.

Table 12-11.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1996 fiscal year

State or Territory	Regular and long-term agreements						
	Diversions (area served)	Conservation tillage	Permanent wildlife habitat (area served)	Sediment retention, erosion, or water control structures	Sod waterways (area served)	Windbreaks (area served)	Irrigation water conservation (area served)
	Acres	Acres	Acres	Number	Acres	Acres	Acres
AL	121			58	534		
AK	110			1	3	130	1
AZ							16,740
AR				330			34,442
CA	169	45	47	88		10	23,166
CO	144		3	6	109	2,208	51,328
CT	5						21
DE			9	10	5		
FL	19			55	84		4,090
GA	14	631	72	6	1,258		512
GU						3	
HI	35			2	57	97	108
ID		1,699	1	177	6	331	27,491
IL	828		25	958	20,922	56	
IN	76		51	511	4,539	12	
IA	104		70	439	9,224	655	
KS	3,915		12	66	7,230	728	18,758
KY	194		5	205	3,663		
LA		1,925		1,766	310		16,909
ME	292	83		48	345		764
MD	28			18	665		2
MA		80		5	40		288
MI	721		1,311	251	2,556	1,611	
MN	561		929	385	14,415	8,153	
MS	253			496		22	4,358
MO	248		13	179	645		3,388
MT	1,888		90	2	3,339	2,126	22,433
NE	1,046		134	76	2,300	4,896	14,940
NV				4			8,505
NH	8	9	96	17	91		
NJ	71			13	40		366
NM	1,715			53			11,304
NY	3,052	113		9	737	258	226
NC	115		178	54	1,063		
ND	387		3,932	1	3,577	37,815	313
OH	187	69	37	687	13,706	2,679	
OK	3,566		24	727	6,996	15	2,428
OR	254		1	455	98	30	13,192
PA	1,176	203	4	101	1,867		
PR		8		1			42
RI				2			114
SC	115	57		2	1,229		243
SD	15		2,017	3	637	21,808	721
TN	239		13	150	230		
TX	6,204			271	14,274	18	76,538
UT				14	51		17,866
VT	14	29	155	5	673		
VA	8			5			
VI			15		87		
WA	10	3,271		74		38	9,615
WV	23		373				
WI	424	572			5,083	290	
WY				132		49	12,053
CNMI							
Total	28,354	8,794	9,617	8,918	122,710	84,016	393,265

See end of table.

Table 12-11.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1996 fiscal year—Continued

State or Territory	Regular and long-term agreements—Continued						
	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand improvement	Water impoundment reservoirs	Strip-cropping	Terrace systems (area served)
	Acres	Acres	Acres	Acres	Number	Acres	Acres
AL	7,608	538	12,149	3,161	11	4	4,895
AK	738	389	.....	.....	.....	.....	.....
AZ .....	.....	9,952	.....	.....	.....	.....	.....
AR	7,072	14,962	468	57	104	.....	.....
CA	1,532	8,043	87	97	3	.....	.....
CO	3,744	23,883	.....	.....	1	349	15,566
CT	824	4	4	57	.....	7	.....
DE	124	.....	16	.....	.....	.....	.....
FL	9,369	25	12,812	89	2	20	319
GA	6,828	2,863	17,455	1,319	30	12	45,556
GU .....	.....	.....	.....	.....	.....	.....	.....
HI	180	1,051	7	55	.....	.....	3
ID	2,374	15,384	190	47	.....	981	7,448
IL	851	238	35	2,535	19	199	6,342
IN	1,431	482	150	31	16	1,549	402
IA	5,924	649	84	.....	43	.....	11,056
KS	2,942	120	.....	1	35	.....	55,185
KY	2,415	.....	6	.....	29	.....	362
LA	10,663	11,304	1,535	1,341	22	.....	155
ME	445	245	484	113	.....	2	.....
MD	212	35	465	.....	2	.....	.....
MA	436	146	.....	501	.....	.....	.....
MI	3,863	532	2,252	578	.....	31	.....
MN	4,260	303	3,021	53	6	980	4,534
MS	10,027	894	3,324	200	.....	.....	151
MO	12,272	2,079	132	133	92	.....	5,904
MT	7,361	123,655	15	.....	5	3,562	.....
NE	1,494	12,659	.....	71	16	.....	24,375
NV	40	15,745	.....	8	.....	.....	.....
NH	173	162	22	1	.....	.....	.....
NJ	648	.....	.....	180	1	43	15
NM	920	8,602	.....	150	20	.....	329
NY	8,587	540	108	.....	.....	1,793	62
NC	6,235	50,345	804	852	5	302	230
ND	8,180	2,111	60	4,869	1	175	996
OH	2,531	4,416	203	.....	4	230	.....
OK	114,160	587	.....	117	67	.....	11,835
OR	1,537	19,373	4,198	.....	.....	.....	5,074
PA	2,024	2,102	71	5	2	5,371	844
PR	190	2,331	.....	905	1	.....	186
RI	11	.....	.....	5	.....	.....	.....
SC	3,465	561	6,030	16	7	65	441
SD	9,394	13,457	.....	.....	4	347	2,513
TN	13,357	2,798	991	.....	5	.....	1,276
TX	43,122	131,071	555	101	334	.....	32,849
UT	870	17,784	.....	339	1	.....	613
VT	110	11	.....	.....	.....	37	.....
VA	3,377	11,591	1,392	4,518	.....	351	27
VI .....	.....	39	.....	.....	.....	.....	3
WA	1,190	4,594	2,674	1,196	2	7,093	5,115
WV	926	9,421	5	.....	10	4	.....
WI	3,012	148	3,894	.....	3	1,744	179
WY	566	19,962	.....	.....	.....	.....	.....
CNMI .....	.....	.....	.....	.....	.....	.....	.....
Total	329,614	548,186	75,698	23,701	904	25,251	244,840

FSA, Conservation and Environmental Protection Division, (202) 720-4053

XII-14 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Table 12-12.—Summary of all active contracts: United States, 1987–96

State	Total no. of contracts	Total CRP	Cropped wetland	SCOUR erosion	Tree practice	Average soil erosion	Total annual erosion reduction	Average rental rate	Total rental rate
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons/Ac/Yr</i>	<i>Tons year</i>	<i>Dollars</i>	<i>1,000 dollars</i>
AL	9,868	527,044	4,989	3,423	293,090	17	8,920,000	42.75	22,531,131
AK	50	24,404	0	0	0	9	159,000	35.94	877,080
AZ	1	33	0	0	0	0	0	40.00	1,320
AR	3,250	231,319	10,932	11,935	142,886	13	3,115,000	48.64	11,251,356
CA	507	176,112	0	0	0	915	2,320,000	48.22	8,492,121
CO	6,506	1,893,915	85	0	0	229	46,099,000	40.98	77,612,637
CT	0	0	0	0	0	0	0	0.00	0
DE	26	767	0	0	0	122	4,000	70.59	54,143
FL	2,494	121,001	45	225	109,520	15	1,826,000	42.05	5,088,092
GA	14,585	600,154	2,132	290	547,954	13	7,716,000	42.95	25,776,614
HI	1	592	0	0	0	5	3,000	80.00	47,360
ID	3,910	790,991	2,246	643	1,129	16	12,747,000	45.63	36,092,919
IL	20,537	732,345	13,364	2,167	39,950	18	13,524,000	77.90	57,049,676
IN	11,136	382,863	2,469	373	19,642	15	5,723,000	75.31	28,833,413
IA	34,831	1,749,602	13,694	34,828	19,171	18	31,110,000	83.66	146,371,703
KS	32,071	2,856,130	1,107	3,110	1,600	16	45,369,000	52.64	150,346,683
KY	7,192	337,263	258	544	3,876	28	9,583,000	59.57	20,090,757
LA	1,759	141,151	30,844	480	83,560	11	1,534,000	44.10	6,224,759
ME	892	29,831	122	742	1,958	7	201,000	49.55	1,478,126
MD	734	19,309	1,716	0	1,516	8	154,000	73.20	1,413,419
MA	6	54	0	0	0	0	0	113.61	6,135
MI	8,728	325,201	1,264	80	18,298	9	3,034,000	58.68	19,082,795
MN	26,103	1,566,764	4,448	1,053	51,073	17	26,476,000	54.33	85,122,288
MS	14,040	804,435	15,148	44,263	520,994	19	15,426,000	42.89	34,502,217
MO	24,313	1,627,851	3,205	4,773	24,803	18	29,428,000	63.63	103,580,159
MT	8,493	2,743,750	1,128	0	905	13	35,449,000	37.05	101,655,938
NE	14,276	1,255,684	2,416	523	3,416	21	26,420,000	55.37	69,527,223
NH	1	2,353	0	0	0	16	38,000	40.00	94,120
NJ	10	11	0	0	0	0	0	48.00	528
NM	23	550	36	0	27	11	6,000	53.62	29,491
NY	1,623	467,739	0	0	102	39	18,240,000	37.58	17,577,632
NC	1,643	54,576	326	38	2,912	11	583,000	53.37	2,912,721
ND	6,187	132,742	2,813	145	82,916	16	2,119,000	45.80	6,079,584
OH	18,834	2,829,585	134,101	2,902	1,270	15	41,765,000	38.18	108,033,555
OK	8,308	328,147	3,992	1,002	11,481	10	3,286,000	72.22	23,698,776
OR	8,659	1,141,865	476	7,307	1,778	22	25,543,000	42.26	48,255,215
PA	1,993	486,240	683	961	1,089	11	5,381,000	48.97	23,811,173
RI	2,472	89,157	182	0	1,714	14	1,277,000	62.42	5,565,180
SC	8	394	0	0	97	33	13,000	56.46	22,245
SD	6,920	263,322	1,493	2,836	207,784	13	3,313,000	42.20	11,112,188
TN	11,954	1,693,555	114,452	3,713	1,012	11	18,208,000	40.90	69,266,400
TX	9,626	381,394	4,846	800	30,614	21	7,999,000	51.92	19,801,976
UT	19,704	3,921,987	486	3,382	16,540	30	118,859,000	39.47	154,800,827
VT	1,008	218,485	0	42	0	17	3,688,000	39.78	8,691,333
WA	5	114	0	0	10	18	2,000	50.00	5,700
VA	3,028	70,431	183	207	28,272	15	1,060,000	52.26	3,680,724
WV	4,668	1,020,196	514	74	1,594	14	13,789,000	50.37	51,387,273
WY	27	439	0	8	38	11	5,000	49.10	21,555
WI	21,960	666,844	29,173	1,960	74,109	12	8,083,000	66.50	44,345,126
WY	828	247,791	0	0	7	14	3,417,000	38.45	9,527,564
Total	375,798	32,956,482	405,368	134,829	2,349,979	18	603,015,000	49.21	1,621,788,479

FSA, Conservation and Environmental Protection Division, (202) 720-4053.

Table 12-13.—Agricultural Conservation Program: Selected conservation and pollution abatement measures performed, United States and Caribbean area, annual 1988–96 and total 1936–96 ¹

Practice	Unit	1988	1989	1990	1991	1992	1993	1994	1995	1996	Total 1936–95
Terrace systems ²	1,000 acres.	964	841	535	632	682	544	678	600	245	50,183
Sod waterways ² ..	.....do ...	224	167	175	261	196	157	262	157	123	19,971
Conservation tillage systems.	.....do ...	445	330	430	411	556	602	527	19	9	13,463
Stripcropping systems.	.....do ...	139	123	151	124	105	81	70	50	25	117,755
Establishing permanent vegetative cover.	.....do ...	646	615	576	609	587	528	712	77	330	83,081
Cropland protective cover.	.....do ...	750	636	581	606	652	477	406	19	***	516,960
Improving permanent vegetative cover.	.....do ...	1,373	1,170	964	1,004	998	1,122	1,251	881	548	179,746
Planting trees or shrubs.	.....do ...	156	132	125	135	119	131	134	199	76	8,753
Timber stand improvement.	.....do ...	38	40	43	45	47	37	37	33	24	6,030
Permanent wildlife habitat ².	.....do ...	24	21	21	23	29	21	25	15	10	5,685
Water impoundment reservoirs.	Number	8,480	6,520	5,724	5,429	4,445	3,598	3,901	2,775	904	2,545,136
Grazing land protection.	.....do ...	12,502	13,764	12,498	11,430	11,422	10,173	9,907	7,696	7,266	721,616
Contour farming ...	1,000 acres.	20	23	27	22	16	15	18	6	***	140,407
Diversions ² .....	.....do ...	102	85	83	67	72	71	117	45	28	8,264
Sediment retention, erosion, or water control structures.	Number	16,007	12,281	13,427	13,289	12,522	12,656	13,738	11,796	8,918	3,658,172

¹ In 1974, the data includes the Regular, Long-Term Agreement, and Forestry Incentives Programs. From 1975, the data includes the Regular and Long-Term Agreement Programs. ² In area served.

FSA, Conservation and Environmental Protection Division, (202) 720-4053. Totals are from unrounded data.

Table 12-14.—Water Bank Program: Status of agreements carried out, 1986 through Sept. 30, 1997, by States

State	Number of agreements	Designated acres			Annual payment
		Total	Wetlands	Adjacent	
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Dollars</i>
AR	504	81,179.0	73,061.0	8,118.0	1,140,392
CA	89	21,982.3	17,500.0	4,482.3	679,538
KY	21	1,021.9	619.3	402.6	31,684
LA	429	60,678.0	35,698.0	24,980.0	1,294,172
MN	1,063	63,800.0	19,140.0	44,660.0	2,990,218
MS	478	95,988.0	71,031.1	24,956.9	1,373,368
MT	97	11,782.0	3,299.0	8,483.0	319,042
NE	133	7,375.0	2,950.0	4,425.0	321,818
ND	1,154	183,583.0	63,342.0	120,241.0	3,983,358
OH	123	5,500.0	4,341.0	1,159.0	206,812
SD	600	67,995.8	22,665.2	45,330.6	2,372,654
WI	262	13,762.7	4,587.5	9,175.2	878,687
Total	4,953	614,648	318,234	296,414	15,591,743

NRCS, Conservation Ecosystems Assistance Division, (202) 720-1845

Table 12-15.—Forestry Incentives Program: Practices performed, by States and Caribbean area, 1996 fiscal year and cumulative 1975-96¹

State	1996				Cumulative 1975-96			
	Planting trees	Improving a stand of forest trees	Site prep for natural regeneration	Special forestry practices	Planting trees	Improving a stand of forest trees	Site prep for natural regeneration	Special forestry practices
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
AL	5,420		27	0	337,143	34,149	1,449	
AK			16	0	1	15	8,692	
AZ				0	13	1,807	0	
AR	5,761	822	349	0	227,401	110,337	349	
CA	122	362		0	9,966	11,106	0	
CO	10			0	297	101	10	
CT		12		0	12	7,842	0	
DE	324	513		0	9,784	3,989	0	
FL	10,029			0	311,404	349	233	
GA	16,247	498	302	0	338,287	23,240	1,481	
HI				0	250	0	0	
ID	169	45		0	2,383	3,907	32	
IL	15	767		0	53	36,660	203	
IN	12	1,955		0	4,115	84,033	960	
IA	107	83		0	3,295	9,311	31	
KS		35		0	451	4,889	0	
KY		343		0	4,552	56,799	1,613	
LA	8,562	40	240	0	214,611	45,516	3,301	
ME	20	383		0	6,833	20,267	10	
MD	1,312	360		0	30,889	16,806	121	
MA		210		0	638	37,405	101	
MI	444			0	29,190	37,591	25	
MN	167	180	199	0	16,857	13,430	1,213	
MS	9,035	2,222		0	352,797	31,732	245	
MO	11	161		0	12,078	84,104	154	
MT	10	65		0	242	4,922	117	
NE				0	553	8	0	
NV				0	526	50	0	
NH	5	356	10	0	236	30,298	1,007	
NJ		5		0	10	12,275	20	
NM				0	65	7,341	0	
NY		601		0	71	66,596	120	
NC	7,916	679	35	0	355,254	25,004	1,067	
ND				0	207	141	0	
OH	24	915	85	0	13,499	87,570	1,960	
OK	110	370		0	21,155	35,066	522	
OR	2,294	688		0	58,973	29,135	0	
PA	25	461	10	0	5,602	38,576	261	
PR	51			0	1,461	10	0	
RI				0	1,153	2,653	10	
SC	10,917	1,795	50	0	292,581	17,342	390	
SD		70		0	29	5,302	0	
TN	411			0	33,254	15,210	425	
TX	11,117	164		0	218,851	54,239	0	
UT				0	0	12	0	
VT		123		0	451	22,309	240	
VA	12,990	2,474		0	379,575	59,084	409	
WA	1,491	80		0	48,191	12,320	20	
WV		431		0	6,916	96,238	10	
WI	522	298	128	0	35,172	35,356	4,747	
WY		837		0	4	17,629	0	
Total	105,650	19,403	1,451	0	3,387,331	1,354,071	31,548	

¹In 1974, the program was part of the Rural Environmental Conservation Program (now called the Agricultural Conservation Program). Data for the program year were published in the 1974 Rural Environmental Conservation Program Summary. In 1975 it became a separately funded program.

Table 12-16.—Forestry Incentives Program: Participation and assistance, by States and Caribbean area, 1996 fiscal year

State	Participants	Area served	Assistance		
			Regular	Long term	Total assistance
	<i>Number</i>	<i>Acres</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
AL	123	5,447	362,562		362,562
AK	1	16	2,800		2,800
AZ					
AR	162	6,932	398,504		398,504
CA	28	484	76,618		76,618
CO	1	10	2,300	1,999	4,299
CT	1	12	774	2,015	2,789
DE	19	837	42,685	12,695	55,380
FL	162	10,029	713,909		713,909
GA	388	17,047	1,039,917		1,039,917
HI					
ID	8	214	20,700		20,700
IL	24	782	25,449	3,240	28,689
IN	42	1,967	48,755		48,755
IA	7	190	24,721		24,721
KS	2	35	1,498		1,498
KY	4	343	13,600	3,265	16,865
LA	193	8,842	257,372		257,372
ME	23	403	40,638	11,030	51,668
MD	40	1,672	67,199	3,818	71,017
MA	19	210	10,756	868	11,624
MI	39	444	56,446	20,911	77,357
MN	16	546	28,547	760	29,307
MS	257	11,257	333,603		333,603
MO	8	172	4,946		4,946
MT	5	75	9,726		9,726
NE					
NV					
NH	21	371	24,107	1,888	25,995
NJ	1	5	175		175
NM					
NY	45	601	41,659	6,843	48,502
NC	196	8,630	338,457		338,457
ND					
OH	36	1,024	37,817		37,817
OK	5	480	20,631		20,631
OR	80	2,982	287,433		287,433
PA	21	496	20,469		20,469
PR	4	51	9,792		9,792
RI				2,688	2,688
SC	450	12,762	850,843		850,843
SD	6	70	4,559	3,431	7,990
TN	7	411	35,048		35,048
TX	233	11,281	527,763		527,763
UT					
VT	12	123	7,164	1,008	8,172
VA	286	15,464	446,806		446,806
WA	49	1,571	176,676		176,676
WV	22	431	15,825	2,016	17,841
WI	58	948	82,736	6,765	89,501
WY	20	837	43,938		43,938
Total	3,124	126,504	6,555,923	85,240	6,641,163

NRCS, Conservation Operations Division (202)720-1845.

XII-18 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Table 12-17.—Soil conservation districts: Funds appropriated by State and local governments for conservation programs, fiscal year ending Sept. 30, 1998

State or Territory	Actual appropriations 1,000 dollars	State or Territory	Actual appropriations 1,000 dollars
AK	240	NE	57,122
AL	6,033	NH	806
AR	11,426	NJ	26,936
AZ	1,879	NM	5,111
CA	136,865	NV	2,951
CO	3,907	NY	27,178
CT	6,001	OH	24,457
DE	11,803	OK	13,012
FL	68,882	OR	5,968
GA	8,803	PA	50,913
HI	1,145	Pacific Basin ¹	273
IA	16,838	Caribbean ²	3,521
ID	7,780	RI	1,036
IL	24,025	SC	3,730
IN	10,542	SD	2,913
KS	24,696	TN	5,472
KY	19,845	TX	15,708
LA	3,447	UT	29,809
MA	1,369	VA	16,675
MD	28,361	VT	3,477
ME	1,388	WA	16,856
MI	15,582	WI	38,132
MN	67,731	WV	12,523
MO	35,801	WY	3,227
MS	6,459		
MT	8,302		
NC	25,647	Total	1,062,737
ND	140,134		

¹ Pacific Basin includes Guam and Northern Marianas.
² Caribbean includes Puerto Rico and Virgin Islands.
 NRCS, Watersheds and Wetlands Division, (202) 720-9479.

Table 12-18.—Soil conservation districts: Number organized each year, approximate total area and land in farms, United States and Territories, 1986-95

Year ¹	Number districts organized ²		Total area in districts	
	Net increase for the year	Cumulative total	New districts and additions	Cumulative total
	Number	Number	1,000 acres	1,000 acres
1986	7	2,947	-24,839	2,194,315
1987	-6	2,941	3,219	2,197,534
1988	15	2,956	-13,837	2,183,697
1989		2,956		2,183,697
1990	-1	2,955	-3,227	2,180,470
1991	0	2,955	29,692	2,210,162
1992	0	2,955	-64,101	2,146,061
1993	-2	2,953	37,627	2,183,688
1994	0	2,953	0	2,183,688
1995	0	2,953	0	2,183,688

¹ Fiscal year Oct. 1 through Sept. 30. ² Totals at the end of each year are net, including corrections and adjustments made during the year.
 NRCS, Community Assistance and Rural Development Division, (202) 720-4072.

Table 12-19.—Soil conservation districts: Number of districts organized, approximate total area and number of farms, cumulative through Sept. 30, 1995

State or Territory	Districts organized ¹	Approximate area and number of farms within organized districts	
		Total area <i>1,000 acres</i>	Farms (and ranches) <i>Thousands</i>
	<i>Number</i>		
Alabama	67	32,454	116
Alaska	10	358,267	1
Arizona	38	73,090	6
Arkansas	75	33,074	52
California	117	64,351	55
Colorado	79	58,774	31
Connecticut	8	398	4
Delaware	3	1,309	8
District of Columbia	1	44	0
Florida	63	32,686	60
Georgia	40	37,261	78
Hawaii	16	4,035	6
Idaho	51	52,416	32
Illinois	98	28,502	89
Indiana	92	23,165	76
Iowa	100	36,016	107
Kansas	105	52,286	134
Kentucky	121	25,396	170
Louisiana	43	26,414	28
Maine	16	18,735	17
Maryland	24	6,636	33
Massachusetts	16	5,065	6
Michigan	83	36,034	59
Minnesota	90	50,762	124
Mississippi	82	29,816	126
Missouri	113	41,446	146
Montana	59	91,141	30
Nebraska	23	47,795	60
Nevada	29	70,759	3
New Hampshire	10	5,955	3
New Jersey	16	4,983	9
New Mexico	47	74,453	27
New York	57	30,488	49
North Carolina	100	33,709	154
North Dakota	60	42,958	63
Ohio	88	26,260	101
Oklahoma	89	44,000	128
Oregon	45	58,730	31
Pennsylvania	66	28,906	52
Rhode Island	3	675	1
South Carolina	46	19,912	26
South Dakota	69	49,353	42
Tennessee	95	25,353	163
Texas	212	165,607	285
Utah	39	52,410	15
Vermont	14	6,186	7
Virginia	45	25,346	52
Washington	47	38,239	42
West Virginia	14	14,439	17
Wisconsin	72	35,938	83
Wyoming	32	59,326	10
US	2,928	2,181,353	3,017
Caribbean	18	2,311	31
Pacific Basin ²	7	23	6
Totals	2,953	2,183,687	3,054

¹ For specific procedure on organization of soil conservation districts, reference should be made to each of the respective State soil conservation district's laws. ² Guam, Northern Mariana Island, American Samoa, and Federated States of Micronesia.

Table 12-20.—Soil surveys: Total area mapped for resource planning and other uses under all programs, by States and Territories, year ending Sept. 30, 1996, and cumulative through Sept. 30, 1996

State or Territory	Progressive Soil Survey Program ¹			State or Territory	Progressive Soil Survey Program ¹		
	Work during year ending Sept. 30, 1996		Total to date		Work during year ending Sept. 30, 1996		Total to date
	Acres mapped	Acres updated			Acres mapped	Acres updated	
AL	176,926	0	29,637,205	NH	30,922	58,510	5,323,611
AK	331,451	25,000	42,149,245	NJ	0	74,225	4,861,100
AZ	388,098	0	47,939,617	NM	12,000	185,258	69,394,680
AR	153,197	30,206	33,441,537	NY	275,757	77,014	28,940,566
CA	914,354	0	75,189,266	NC	284,410	141,646	30,630,637
CO	348,224	62,180	63,553,433	ND	196,880	300,013	44,708,737
CT	0	342,200	3,211,700	OH	0	307,182	26,414,944
DE	0	33,304	1,308,500	OK	0	232,377	44,771,700
FL	8,710	0	34,638,795	OR	319,341	22,640	38,251,327
GA	150,702	153,689	34,960,193	PA	0	116,546	28,997,200
HI	0	139,075	4,042,820	PB ²	0	0	545,032
ID	431,091	128,669	35,745,129	PR ³	0	45,155	2,333,800
IL	0	1,080,821	36,060,840	RI	0	0	775,900
IN	0	9,913	23,158,600	SC	0	251,551	19,912,100
IA	0	274,560	36,016,200	SD	0	152,555	49,354,542
KS	0	233,663	52,657,500	TN	111,251	231,926	25,810,888
KY	102,467	207,940	25,815,272	TX	278,841	1,977,774	162,810,908
LA	0	537,922	30,561,000	UT	16,820	7,500	47,380,853
ME	285,892	17,090	16,784,831	VT	38,004	43,962	5,089,725
MD	0	129,757	6,695,000	VA	342,787	0	23,035,417
MA	0	41,870	5,301,800	WA	215,377	144,607	38,196,019
MI	513,325	0	34,007,647	WV	116,011	141,426	14,411,166
MN	458,939	477,846	44,490,685	WI	208,339	476,354	32,490,718
MS	182,406	5,500	28,373,138	WY	1,873,101	38,200	44,782,324
MO	789,419	98,001	39,986,946				
MT	1,151,924	905	79,283,353				
NE	0	338,527	49,915,061				
NV	103,000	100,000	59,713,480	Total	10,809,966	9,495,059	1,763,862,687

¹The National Cooperative Soil Survey of the Natural Resources Conservation Service and cooperating agencies is designed to locate, describe, and show on maps the different kinds of soil and make multiple-use interpretations of each kind of soil for town-and-country planning and for other purposes. ²Pacific Basin (PB) is a new addition. It includes the American Trust Territories of American Samoa, Islands of Aunuu, Ofu, Olosega, Tau, and Tutuila; Federated States of Micronesia Islands of Kosrae, Ponape, Truk and Yap; Territory of Guam; Islands of Airik, Arno, Majuro, Mili, and Tarao, Republic of the Marshall Islands; Islands of Aguijan, Rota, Saipan and Tinian, Commonwealth of the Northern Mariana Islands; and Islands of Palau, Republic of Palau. ³Puerto Rico (PR) includes acreages for Virgin Islands. This was previously designated as Caribbean.

NRCS, Soil Survey Division, (202) 720-1820.

Table 12-21.—Land protected from erosion by soil conservation practices: Newly applied in soil conservation districts with Natural Resources Conservation Service (NRCS) assistance, fiscal years 1991-95

Land protected from erosion	Unit	1991	1992	1993	1994	1995
Cropland	Acres	23,301,183	27,221,042	29,011,585	22,707,109	16,211,566
Pasture and hayland .....	.....do	4,387,931	4,547,619	4,321,933	5,027,169	3,757,583
Range and native pasture .....	.....do	28,413,329	24,831,891	25,472,427	29,943,787	16,945,213
Woodland .....	.....do	1,481,606	1,387,574	2,564,233	4,919,308	3,186,124
Wildlife .....	.....do	2,142,766	1,858,827	1,922,912	2,288,598	1,293,068
Recreation .....	.....do	81,489	127,621	49,530	63,612	34,536
All others .....	.....do	304,115	283,633	246,933	303,440	262,929
Total land protected	Acres	60,112,419	60,258,207	63,589,553	65,253,023	41,691,019

NRCS, Operations Management and Oversight Division, (202) 720-3906.

Table 12-22.—Land protected from erosion by soil conservation practices: Applied through farmer-district cooperation and cooperation with other agencies, with Natural Resources Conservation Service (NRCS) assistance, by States and Territories, year ending Sept. 30, 1995

State or Territory	Cropland	Pasture and hayland	Range native pasture	Woodland	Wildlife	Recreation	Other land	Total land protected
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
AL	16,813	11,368	11,418	97	119	2	0	39,817
AK	5,674	2,175	0	21	240	0	27,687	35,797
AZ	1,268	157	1,157,896	0	0	0	0	1,159,321
AR	171,086	183,690	4,838	36,221	19,282	7	300	415,424
CA	350,443	5,790	242,707	7,018	29,055	217	4,572	639,802
CO	617,111	58,664	460,378	937	12,405	5	5,461	1,154,961
CT	2,735	5	0	0	0	0	0	2,740
DE	12,688	438	0	25	0	0	1	13,152
FL	317,341	337,925	274,838	26,287	4,219	482	1,953	963,045
GA	134,345	17,901	0	18,721	369	0	3,486	174,822
HI	62,436	5,208	58,984	41	0	0	33	126,702
ID	284,170	11,273	17,848	560	30	72	0	313,953
IL	1,622,002	38,204	0	1,901	3,586	5	1,893	1,667,591
IN	405,628	1,197	2,494	957	299	2	5,297	415,874
IA	1,133,191	12,754	117	1,869	15,296	71	4,537	1,167,835
KS	809,085	33,396	199,418	58	1,164	0	524	1,043,645
KY	0	0	0	0	0	0	0	0
LA	275,325	73,096	14,112	97,380	132,344	287	1,915	594,459
ME	770	2,134	0	47	0	0	2	2,953
MD	33,066	894	0	0	0	0	5	33,965
MA	6,073	134	33	0	16	0	2	6,258
MI	170,678	17,095	269	9,536	6,162	326	43,726	247,792
MN	316,831	6,091	611	1,629	7,613	111	3,798	336,684
MS	325,793	125,133	0	79,118	33,731	261	3,305	567,341
MO	214,859	40,405	35	10,556	9,594	1	11,741	287,191
MT	844,064	106,881	899,675	1,005	23,461	370	195	1,875,651
NE	201,450	17,666	406,764	147	1,206	0	738	627,971
NV	491	51,881	397,963	0	166,398	2	44,435	661,170
NH	5,450	6,440	0	4,621	312	499	514	17,836
NJ	13,592	458	0	0	37	0	121	14,208
NM	188,165	13,786	2,574,056	8,973	194,874	45	151	2,980,050
NY	127,621	6,284	33	0	0	0	142	134,080
NC	311,862	12,588	4	1,867	128	13	1,668	328,130
ND	420,526	52,730	238,702	948	22,668	15	14,011	749,600
OH	118,346	8,608	28	3,073	289	0	635	130,979
OK	126,928	78,662	47,065	4,037	4,348	7	0	261,047
OR	424,395	31,200	176,443	2,147	7,801	0	236	642,222
PA	0	0	0	0	0	0	0	0
RI	119	27	0	0	0	4	0	150
SC	82,929	32,786	0	38,685	18,718	119	4,145	177,382
SD	844,468	125,808	1,105,167	263	21,745	200	9,940	2,107,591
TN	285,600	14,149	0	564	0	0	201	300,514
TX	4,343,415	2,050,347	8,088,141	2,816,961	537,553	31,358	62,393	17,930,168
UT	18,415	11,615	194,402	0	9,731	3	176	234,342
VT	6,207	39	0	0	0	0	3	6,249
VA	124,559	84,893	24	3,184	1,538	0	153	214,351
WA	3,991	16,787	0	3,652	378	23	2,706	27,537
WV	648	5,928	0	74	700	17	52	7,419
WI	371,277	4,251	45	2,519	2,761	0	0	380,853
WY	40,824	27,274	359,287	328	2,779	10	76	430,578
PR ¹	16,813	11,368	11,418	97	119	2	0	39,817
Total	16,211,566	3,757,583	16,945,213	3,186,124	1,293,068	34,536	262,929	41,691,019

¹ Puerto Rico and Virgin Islands.

NRCS, Operations Management and Oversight Division, (202) 720-3906.

Table 12-23.—Conservation plans: Active district cooperators and conservation plans prepared under all programs and area covered in soil conservation districts with Natural Resources Conservation Service assistance, by States and Territories, year ending Sept. 30, 1995

State or Territory	Progress, year ending Sept. 30, 1995		
	New SCD cooperators		New conservation plans ¹
	Number	Acres	Acres
Alabama	136	6,030	16,368
Alaska	6	1,685	21,842
Arizona	74	356,016	652,834
Arkansas	444	82,519	375,299
California	359	158,942	108,749
Colorado	379	294,077	546,157
Connecticut	64	10,109	1,131
Delaware	7,154	1,106,007	373,240
Florida	328	164,471	217,744
Georgia	2	1,445	56,816
Hawaii	221	128,614	34,505
Idaho	122	27,332	206,980
Illinois	501	91,295	463,250
Indiana	71,745	4,735,275	307,759
Iowa	2,873	417,687	230,577
Kansas	157	21,823	125,463
Kentucky	595	60,476	140,788
Louisiana	583	127,008	241,713
Maine	47	5,204	20,790
Maryland	87	8,990	52,279
Massachusetts	20	1,369	10,785
Michigan	39	4,126	167,356
Minnesota	2,965	83,320	1,676,000
Mississippi	640	56,286	177,414
Missouri	1,113	275,978	145,533
Montana	7	10,328	419,498
Nebraska	204	245,352	147,087
Nevada	172	62,523	41,659
New Hampshire	28	4,424	9,122
New Jersey	65	11,381	21,583
New Mexico	118	167,568	1,978,963
New York	18	973	8,041
North Carolina	877	60,847	152,688
North Dakota	19	17,626	562,714
Ohio	256	35,132	91,943
Oklahoma	1,511	1,314,339	2,638,733
Oregon	101	52,530	370,144
Pennsylvania	164	14,494	52,738
Rhode Island	8	1,116	1,157
South Carolina	877	150,082	130,763
South Dakota	319	42,075	191,338
Tennessee	1,507	135,189	2,490
Texas	2,486	1,172,265	1,336,056
Utah	123	179,604	472,126
Vermont	12	2,281	10,517
Virginia	278	15,158	137,572
Washington	9	934	50,312
West Virginia	73	17,162	32,488
Wisconsin	45	5,755	116,870
Wyoming	203	11,796	505,028
Puerto Rico ²	136	6,030	16,368
Total	100,270	11,963,048	15,869,370

¹Includes conservation plans prepared on farms and ranches of SCD cooperators who signed agreements in prior years. ²Puerto Rico and Virgin Islands.

Table 12-24.—Interim EQIP/GPCP¹: Status of cost-share contracts, by States, year ending Sept. 30, 1996²

State	Designated counties	Active land treatment contracts in operation	
		1996	1996
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>
CO	38	115	339.6
KS	62	131	98.5
MT	46	35	379.2
NE	65	21	74.0
NM	27	25	634.8
ND	48	110	193.3
OK	44	110	63.1
SD	51	44	162.6
TX	156	220	668.5
WY	19	47	403.8
Total	556	858	3,017.4

¹ EQIP -- Environmental Quality Incentives Program; GPCP -- Great Plains Conservation Program. ² As authorized by the Act of Congress April 4, 1996 (Public Law 127, 104th Congress).
 NRCS, Conservation Operations Division, (202) 720-1845.

Table 12-25.—Great Plains Conservation Program: Status of cost-share contracts, by States, year ending Sept. 30, 1996¹

State	Designated counties	Active land treatment contracts in operation	
		1996	1996
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>
CO	38	455	866.2
KS	62	1,135	609.5
MT	46	351	2,253.3
NE	65	534	1,262.9
NM	27	194	2,948.8
ND	48	610	1,270.2
OK	44	480	339.5
SD	51	493	1,776.4
TX	156	966	2,139.8
WY	19	273	2,576.3
Total	556	5,491	16,042.9

¹ As authorized by the Act of Congress August 7, 1956 (Public Law 1021, 84th Congress).
 NRCS, Conservation Operations Division, (202) 720-1845.

Table 12-26.—Watershed protection and flood prevention projects: Works of improvement installed with the assistance of the Natural Resources Conservation Service with watershed protection and flood prevention funds for year ending Sept. 30, 1995 ^{1 2}

Item	Unit	Watershed and flood prevention projects
Flood prevention subwatersheds in operation during year	Number	318
Watershed projects in operation during year .....	.....do	1,591
Land protected from erosion:		
Cropland	Acres	291,118
Pasture and hayland .....	.....do	158,665
Range and native pasture .....	.....do	340,303
Woodland .....	.....do	15,597
Wildlife .....	.....do	30,226
Recreation .....	.....do	3,973
Other .....	.....do	13,843
Total land ³ .....	.....do	855,634

¹As authorized by the Soil Conservation Act of 1935 (Public Law 46, 74th Congress) and Watershed Protection and Flood Prevention Act P.L. 566, as amended. No update available. ²All of the 11 watersheds were approved Dec. 22, 1944; however, flood control funds did not become available for works of improvement until 1946. ³Land protected data included in Table 12-22 "Land Protected From Erosion by Soil Conservation Practices."
 NRCS, Watershed and Wetlands Division, (202) 720-3527.

Table 12-27.—Small watershed protection and flood prevention projects: Accomplishments for years ending Sept. 30, 1992-96

Item	Unit of measure	1992	1993	1994	1995	1996
Small watershed protection: ¹						
Land treatment: ²						
Forest land	Acres	15,480	38,322	16,806	1,905	2,193
Cropland .....	.....do	947	501	626	0	1,160
Pastureland .....	.....do	174	170	28	7,284	45
Total land treatment .....	.....do	16,601	38,993	17,460	9,189	3,398
Land owners assisted	Number	1,371	3,534	1,483	1,465	1,348
Flood prevention: ³						
Land treatment: ²						
Forest land	Acres	5,680	2,196	6,335	63,028	8,682
Cropland .....	.....do .....	.....	.....	.....	575	1,668
Pastureland .....	.....do .....	.....	.....	40	83	92
Total land treatment .....	.....do	5,680	2,196	6,375	63,686	10,442
Land owners assisted	Number	1,853	1,452	1,528	2,461	2,265

¹As authorized by the Watershed Protection and Flood Prevention Act of 1954 (Public Law 83-566), as amended. Accomplishments are limited to activities accomplished solely by small watershed protection program funds. ²Reported in land use categories consistent with those reported by the National Resources Conservation Service. ³As authorized by the Navigation and Flood Control Act of 1944 (Public Law 78-534), as amended. Accomplishments are limited to activities accomplished solely by small watershed protection program funds.
 FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-28.—Tree planting: Acres seeded and acres of tree planting, in States and Territories, fiscal year 1996

State or other area	Total	Federal lands			Non-federal public ¹ lands	Private ² lands
		Total	National Forest System	Other ³		
	Acres	Acres	Acres	Acres	Acres	Acres
AL	245,402	2,483	2,357	126	598	242,321
AK	5,477	823	823	0	4,074	580
AZ	1,505	1,307	886	421	.....	198
AR	119,040	2,113	1,658	455	820	116,107
CA	30,106	30,106	29,597	509	.....	.....
CO	7,541	1,327	1,160	167	264	5,950
CT	169	0	0	0	1	168
DE	1,282	0	0	0	10	1,272
FL	192,136	7,302	4,076	3,226	5,945	178,889
GA	367,026	1,591	1,526	65	1,021	364,414
HI	215	0	0	0	28	187
ID	45,723	27,117	26,194	923	4,441	14,165
IL	8,170	360	50	310	.....	7,810
IN	5,312	20	0	20	400	4,892
IA	6,094	133	0	133	461	5,500
KS	2,064	33	0	33	10	2,021
KY	12,249	737	728	9	.....	11,512
LA	129,443	1,542	1,342	200	1,456	126,445
ME	1,102	0	0	0	.....	1,102
MD	7,314	295	0	295	330	6,689
MA	401	1	0	1	.....	400
MI	27,266	3,309	3,309	0	9,800	14,157
MN	25,841	2,497	1,677	820	11,100	12,244
MS	275,494	7,891	6,608	1,283	44,602	223,001
MO	1,863	654	565	89	1,000	209
MT	29,847	19,588	14,211	5,377	1,533	8,726
NE	4,274	4	0	4	248	4,022
NV	221	175	25	150	10	36
NH	142	0	0	0	.....	142
NJ	751	12	0	12	99	640
NM	2,813	2,423	779	1,644	.....	390
NY	739	0	0	0	20	719
NC	130,773	1,702	1,288	414	506	128,565
ND	9,527	51	0	51	16	9,460
OH	4,198	115	99	16	.....	4,083
OK	15,645	525	0	525	110	15,010
OR	127,269	59,541	52,736	6,805	1,191	66,537
PA	13,554	147	143	4	578	12,829
RI	35	10	0	10	10	15
SC	149,880	1,638	1,618	20	1,547	146,695
SD	4,451	847	805	42	105	3,499
TN	863	863	624	239	.....	.....
TX	107,965	798	358	440	.....	107,167
UT	4,091	4,075	1,953	2,122	0	16
VT	84	84	84	0	.....	.....
VA	93,546	785	270	515	608	92,153
WA	146,508	17,484	14,574	2,910	14,400	114,624
WV	5,166	58	52	6	.....	5,108
WI	34,153	2,212	897	1,315	5,214	26,727
WY	1,471	1,461	1,287	174	.....	10
State totals	2,406,201	206,239	174,359	31,880	112,556	2,087,406
PR	254	0	0	0	86	168
Other ⁴	245	0	0	0	8	237
Total	2,406,700	206,239	174,359	31,880	112,650	2,087,811

¹ State forest, other State, and other public agencies lands. ² Forest industry, other industry, and nonindustrial lands. ³ U.S. Department of Interior and Indian Reservations, and other federal lands. ⁴ Guam and the Trust Territories of the Pacific Islands.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-29.—Forest land: Total forest land and area and ownership of timberland, by regions, Jan. 1, 1993¹

Region	Total forest land ²	Timberland ³							
		All owner-ships	Federal			State, county, and municipal	Private		
			Total	National forest	Other		Total	Forest industry	Farmer and other private ⁴
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Northeast	85,380	79,449	2,511	2,179	333	6,165	70,772	11,858	58,914
North Central	83,108	78,350	8,312	7,366	946	13,318	56,720	4,340	52,380
North	168,488	157,799	10,823	9,545	1,279	19,483	127,492	16,198	111,294
Southeast	88,078	84,794	7,032	4,847	2,185	2,124	75,639	16,252	59,387
South Central	123,760	114,515	8,978	6,707	2,271	2,368	103,168	22,774	80,395
South	211,838	199,309	16,010	11,554	4,456	4,492	178,807	39,026	139,782
Great Plains	4,232	3,529	993	943	49	149	2,388	24	2,363
Intermountain	135,499	59,099	38,749	35,459	3,291	2,498	17,852	2,894	14,959
Rocky Mountains	139,731	62,628	39,742	36,402	3,340	2,647	20,240	2,918	17,322
Alaska	129,131	15,068	4,241	3,780	460	4,642	6,185		6,185
Pacific Northwest	48,481	37,851	17,160	15,010	2,150	3,131	17,561	9,034	8,527
Pacific Southwest ⁵	39,011	16,900	8,679	8,370	309	445	7,776	3,280	4,497
Pacific Coast	216,623	69,819	30,080	27,160	2,919	8,218	31,522	12,314	19,209
All regions	736,680	489,555	96,655	84,661	11,994	34,840	358,061	70,456	287,607

¹Data may not add to totals because of rounding. ²Forest land is land at least 10 percent stocked by forest trees of any size, including land that formerly had such tree cover and that will be naturally or artificially regenerated. Forest land includes transition zones, such as areas between heavily forested and nonforested lands that are at least 10 percent stocked with forest trees, and forest areas adjacent to urban and built-up lands. Also included are pinyon-juniper and chaparral areas in the West and afforested areas. The minimum area for classification of forest land is 1 acre. Roadside, streamside, and shelterbelt strips of timber must have a crown width at least 120 feet wide to qualify as forest land. Unimproved roads and trails, streams, and clearings in forest areas are classified as forest if less than 120 feet in width. ³Timberland is forest land that is producing or is capable of producing crops of industrial wood and that is not withdrawn from timber utilization by statute or administrative regulation. Areas qualifying as timberland have the capability of producing more than 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included. ⁴Includes Indian lands. ⁵Includes Hawaii.

No update available until 1999.
 FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-30.—Timber volume: Net volume of growing stock and sawtimber on timberland, by softwoods and hardwoods, and regions, Jan. 1, 1993¹

Region	Growing stock ²			Sawtimber ³		
	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
	Million cubic feet	Million cubic feet	Million cubic feet	Million board feet	Million board feet	Million board feet
Northeast	121,800	33,580	88,220	302,608	87,051	215,557
North Central	85,319	17,397	67,923	236,918	49,896	187,022
North	207,119	50,977	156,143	539,526	136,947	402,579
Southeast	120,872	51,931	68,941	380,400	174,692	205,708
South Central	129,722	50,996	78,726	461,231	214,052	247,179
South	250,594	102,927	147,667	841,631	388,744	452,887
Great Plains	3,656	1,935	1,722	12,515	6,945	5,570
Intermountain	106,582	99,552	7,030	402,087	389,629	12,458
Rocky Mountains	110,238	101,487	8,752	414,602	396,574	18,028
Alaska	35,382	31,144	4,238	153,524	145,616	7,909
Pacific Northwest	124,642	113,227	11,415	711,972	670,357	41,614
Pacific Southwest ⁴	57,643	50,134	7,509	330,288	308,312	21,977
Pacific Coast	217,667	194,505	23,162	1,195,784	1,124,285	71,500
All regions	785,618	449,896	335,724	2,991,543	2,046,550	944,994

¹Data may not add to totals because of rounding. ²Live trees of commercial species meeting specified standards of quality or vigor. Cull trees are excluded. Includes only trees 5.0-inches diameter or larger at 4½ feet above ground. ³Live trees of commercial species containing at least one 12-foot sawlog or two noncontiguous 8-foot logs, and meeting regional specifications for freedom from defect. Softwood trees must be at least 9.0-inches diameter and hardwood trees must be at least 11.0-inches diameter at 4½ feet above ground. ⁴Includes Hawaii.

No update available until 1999.
 FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-31.—Timber removals: Roundwood product output, logging residues and other removals from growing stock and other sources, by softwoods and hardwoods, 1991¹

Roundwood products, logging residues, and other removals	All sources			Growing stock ²			Other sources ³		
	All species	Soft-woods	Hard-woods	All species	Soft-woods	Hard-woods	All species	Soft-woods	Hard-woods
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>
Roundwood products:									
Sawlogs	7,351	5,435	1,916	6,911	5,173	1,738	440	262	178
Pulpwood	5,049	3,067	1,982	4,110	2,474	1,636	939	594	346
Veneer logs	1,364	1,242	123	1,290	1,174	116	75	68	6
Other products ⁴	938	831	107	883	798	84	56	33	23
Fuelwood	3,187	606	2,581	848	230	618	2,339	376	1,963
Total	17,889	11,181	6,709	14,042	9,849	4,192	3,849	1,333	2,516
Logging residues ⁵	3,457	1,850	1,607	1,345	773	572	2,112	1,077	1,035
Other removals ⁷	1,516	428	1,088	922	335	587	594	93	501
Total	4,973	2,278	2,695	2,267	1,108	1,159	2,706	1,170	1,536

¹ Data may not add to totals because of rounding. ² Includes live trees of commercial species meeting specified standards of quality or vigor. Cull trees are excluded. Includes only trees 5.0-inches diameter or larger at 4½ feet above ground. ³ Includes salvable dead trees, rough and rotten trees, trees of noncommercial species, trees less than 5.0-inches diameter at 4½ feet above ground, tops, and roundwood harvested from nonforest land (for example, fence rows). ⁴ Includes such items as cooperage, pilings, poles, posts, shakes, shingles, board mills, charcoal and export logs. ⁵ Downed and dead wood volume left on the ground after trees have been cut on timberland. ⁶ Net of wet rot or advanced dry rot, and excludes old punky logs; consists of material sound enough to chip; excludes stumps and limbs. ⁷ Unutilized wood volume from cut or otherwise killed growing stock, from nongrowing stock sources on timberland (for example, precommercial thinnings), or from timberland clearing. Does not include volume removed from inventory through reclassification of timberland to reserved timberland.

No update available until 1999.
 FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-32.—Timber growth, removals and mortality: Net annual growth, removals, and mortality of growing stock on timberland by softwoods and hardwoods and regions, 1991¹

Region	Growth ²			Removals ³			Mortality ⁴		
	All species	Soft-woods	Hard-woods	All species	Soft-woods	Hard-woods	All species	Soft-woods	Hard-woods
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>
Northeast	3,093	714	2,379	1,319	500	820	782	281	501
North Central	2,269	500	1,769	1,468	242	1,226	786	166	621
North	5,362	1,214	4,148	2,787	742	2,046	1,568	447	1,122
Southeast	4,323	2,378	1,945	4,171	2,761	1,410	1,180	639	541
South Central	5,509	2,722	2,786	4,781	3,057	1,724	1,028	428	600
South	9,832	5,100	4,731	8,952	5,818	3,134	2,208	1,067	1,141
Great Plains	98	47	51	51	35	16	27	8	19
Intermountain	2,074	1,938	136	776	762	14	661	597	64
Rocky Mountains	2,172	1,985	187	827	797	30	688	605	83
Alaska	270	173	97	240	235	5	206	196	10
Pacific Northwest	2,904	2,566	338	2,594	2,477	116	605	493	111
Pacific Southwest ⁵	1,087	935	151	908	886	22	205	184	21
Pacific Coast	4,261	3,674	586	3,742	3,598	143	1,016	873	142
All regions	21,627	11,973	9,652	16,308	10,955	5,353	5,480	2,992	2,488

¹ Data may not add to totals because of rounding. ² The net increase in the volume of trees during a specified year. Components include the increment in net volume of trees at the beginning of the specific year surviving to its end, plus the net volume of trees reaching the minimum size class during the year, minus the volume of trees that died during the year, and minus the net volume of trees that became cull trees during the year. ³ The net volume of trees removed from the inventory during a specified year by harvesting, cultural operations such as timber stand improvement, or land clearing. ⁴ The volume of sound wood in trees that died from natural causes during a specified year. ⁵ Includes Hawaii.

No update until 1999.
 FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-33.—Timber volume: Net volume of sawtimber on timberland in the West, by regions and species, Jan. 1, 1992¹

Species	Total West	Intermountain	Alaska	Pacific Northwest	Pacific Southwest ²
	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
Softwoods:					
Douglas-fir	528,557	94,599	.....	348,073	85,886
Ponderosa and Jeffrey pines	199,516	77,099	.....	62,463	59,953
True fir	211,657	57,029	10	68,232	86,386
Western hemlock	169,373	4,528	53,668	110,979	198
Sugar pine	25,539	22	.....	3,377	22,141
Western white pine	13,599	6,740	.....	4,418	2,442
Redwood	30,210	.....	.....	606	29,605
Sitka spruce	58,792	.....	47,812	10,786	194
Engelmann and other spruces	92,159	62,576	22,848	6,623	111
Western larch	28,931	17,209	.....	11,721	.....
Incense cedar	14,621	27	.....	1,185	13,408
Lodgepole pine	74,763	54,937	157	14,124	5,544
Other	66,197	14,861	21,121	27,770	2,444
Total	1,513,914	389,629	145,616	670,357	308,312
Hardwoods:					
Cottonwood and aspen	20,713	12,430	4,769	3,460	54
Red alder	27,170	.....	81	26,709	381
Oak	12,247	.....	.....	1,068	11,180
Other	23,827	29	3,059	10,377	10,362
Total	83,958	12,458	7,909	41,614	21,977
All species	1,597,871	402,087	153,524	711,972	330,288

¹ International 1/4-inch rule. Data may not add to totals because of rounding. ² Includes Hawaii.
 No update available until 1999.
 FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-34.—Timber volume: Net volume of sawtimber on timberland in the East, by regions and species, Jan. 1, 1992¹

Species	Total East	North			South			Great Plains
		Total	Northeast	North Central	Total	Southeast	South Central	
	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
Softwoods:								
Longleaf and slash pines	54,206	.....	.....	.....	54,206	35,169	19,037	.....
Loblolly and shortleaf pines	271,424	4,463	1,990	2,473	266,961	94,215	172,746	.....
Other yellow pines	33,123	4,486	3,607	879	28,637	19,384	9,253	.....
White and red pines	55,581	46,988	29,192	17,796	8,593	7,312	1,281	.....
Jack pine	4,542	4,534	.....	4,534	.....	.....	.....	8
Spruce and balsam fir	37,969	37,651	28,056	9,595	80	80	.....	238
Eastern hemlock	25,673	22,995	18,916	4,079	2,678	1,852	826	.....
Cypress	25,346	133	16	117	25,213	15,683	9,530	.....
Other	24,773	15,698	5,275	10,423	2,375	997	1,378	6,700
Total	532,636	136,947	87,051	49,896	388,744	174,692	214,052	6,945
Hardwoods:								
Select white oaks	88,875	38,135	13,335	24,800	49,986	21,308	28,678	754
Select red oaks	76,870	47,751	28,886	18,865	28,844	11,610	17,234	275
Other white oaks	54,297	15,462	10,933	4,529	38,774	17,088	21,686	61
Other red oaks	127,046	34,871	16,408	18,463	92,037	36,665	55,372	138
Hickory	47,992	15,703	6,555	9,148	32,141	10,339	21,802	148
Yellow birch	11,795	11,560	9,534	2,026	235	223	12	.....
Hard maple	55,746	50,973	32,499	18,474	4,765	1,210	3,555	8
Soft maple	65,345	48,944	34,938	14,006	16,228	11,864	4,364	173
Beech	29,479	20,134	16,477	3,657	9,345	3,023	6,322	.....
Sweetgum	46,249	1,903	1,389	514	44,346	19,948	24,398	.....
Tupelo and black gum	33,578	1,518	1,150	368	32,060	21,143	10,917	.....
Ash	27,986	15,184	5,090	10,094	12,294	4,947	7,347	508
Basswood	12,644	10,545	2,809	7,736	1,999	1,072	927	100
Yellow-poplar	75,788	22,826	17,004	5,822	52,962	33,398	19,564	.....
Cottonwood and aspen	33,060	27,878	1,239	26,639	3,646	418	3,228	1,536
Black walnut	4,525	2,902	659	2,243	1,297	481	816	326
Black cherry	13,713	12,526	9,556	2,970	1,183	412	771	4
Other	56,052	23,764	7,098	16,666	30,746	10,558	20,188	1,542
Total	861,036	402,579	215,557	187,022	452,887	205,708	247,179	5,570
All species	1,393,672	539,526	302,608	236,918	841,631	380,400	461,231	12,515

¹ International 1/4-inch rule. Data may not add to totals because of rounding.
 No update available until 1998.
 FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-35.—National Forest System: National Forest System lands and other lands in States and Territories, Sept. 30, 1996

State or other area	Gross acreage	National Forest System acreage ¹	Other acreage ²	State or other area	Gross acreage	National Forest System acreage ¹	Other acreage ²
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>		<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
AL	1,289	663	626	NH	826	724	102
AK	24,236	22,005	2,231	NM	10,371	9,327	1,044
AZ	11,891	11,251	640	NY	15	15	0
AR	3,508	2,553	955	NC	3,168	1,242	1,926
CA	24,408	20,628	3,780	ND	1,106	1,106	.....
CO	16,072	14,502	1,570	OH	838	222	616
CT	0	0	0	OK	466	302	164
FL	1,266	1,147	119	OR	17,511	15,664	1,847
GA	1,847	865	982	PA	743	513	230
HI	0	0	0	SC	1,377	612	765
ID	21,673	20,443	1,230	SD	2,366	2,014	352
IL	842	273	569	TN	1,217	633	584
IN	647	194	453	TX	1,995	755	1,240
KS	116	108	8	UT	9,203	8,112	1,091
KY	2,107	688	1,419	VT	820	355	465
LA	1,027	604	423	VA	3,229	1,655	1,574
ME	93	53	40	WA	10,071	9,175	896
MI	4,898	2,855	2,043	WV	1,869	1,032	837
MN	5,479	2,832	2,647	WI	2,024	1,520	504
MS	2,312	1,156	1,156	WY	9,703	9,258	445
MO	3,065	1,492	1,573	PR	56	28	28
MT	19,130	16,873	2,257	VI	0	0	0
NE	442	352	90	Total	231,605	191,615	39,990
NV	6,285	5,816	469				

¹ *National Forest System acreage.*—A nationally significant system of Federally owned units of forest, range, and related land consisting of national forests, purchase units, national grasslands, land utilization project areas, experimental forest areas, experimental range areas, designated experimental areas, other land areas; water areas, and interests in lands that are administered by USDA Forest Service or designated for administration through the Forest Service.

National forests.—Units formally established and permanently set aside and reserved for national forest purposes.

Purchase units.—Units designated by the Secretary of Agriculture or previously approved by the National Forest Reservations Commission for purposes of Weeks Law Acquisition.

National grasslands.—Units designated by the Secretary of Agriculture and permanently held by the Department of Agriculture under Title III of the Bankhead-Jones Farm Tenant Act.

Land utilization projects.—Units designated by the Secretary of Agriculture for conservation and utilization under Title III of the Bankhead-Jones Farm Tenant Act.

Research and experimental areas.—Units reserved and dedicated by the Secretary of Agriculture for forest or range research and experimentation.

Other areas.—Units administered by the Forest Service that are not included in the above groups. ² *Other acreage.*—

Lands within the unit boundaries in private, State, county, and municipal ownership and Federal lands over which the Forest Service has no jurisdiction. Areas of such lands which have been offered to the United States and have been approved for acquisition and subsequent Forest Service administration, but to which title had not yet been accepted by the United States. ³ Less than 500 acres.

No update available until 1998.

FS, Timber, Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-36.—Forest products cut on National Forest System lands: Volume and value of timber cut and value of all products, United States, fiscal years 1987-96

Year ¹	Timber cut ²		Value of miscellaneous forest products ⁴	Total value including free-use timber
	Volume	Value ³		
	<i>Million bd. ft.</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1987	12,712	1,015,995	1,905	1,018,977
1988	12,649	1,239,788	2,031	1,242,988
1989	11,951	1,309,732	2,239	1,313,186
1990	10,500	1,187,618	2,580	1,191,209
1991	8,475	1,008,586	2,747	1,012,342
1992	7,290	934,504	2,655	937,991
1993	5,917	914,646	2,791	918,225
1994	4,815	783,038	3,138	796,926
1995	3,866	616,117	2,935	619,732
1996	3,725	544,349	3,262	619,732

¹ Fiscal years Oct. 1-Sept. 30. ² Commercial and cost sales and land exchanges. ³ Includes collections for forest restoration or improvement under the Knutson-Vandenberg Act, 1930. ⁴ Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, etc.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-37.—National Forest System lands: Receipts, United States and Puerto Rico, fiscal years 1987–96

Year ¹	From the use of timber ²	From the use of grazing	From special land uses, water power, etc.	Total ²
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1987	807,941	8,104	82,348	898,393
1988	888,374	8,738	83,050	980,162
1989	909,517	10,950	130,349	1,050,816
1990	849,468	10,419	111,500	971,387
1991	667,073	11,457	93,114	771,644
1992	520,003	10,780	83,505	614,288
1993	425,105	10,518	67,955	503,578
1994	431,615	11,056	72,196	514,867
1995	303,046	8,756	74,943	386,745
1996	195,000	7,352	71,183	273,535

¹ Fiscal years Oct. 1–Sept. 30. ² Includes receipts from Oregon and California Railroad Grant Lands. FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-38.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, fiscal years 1994–96^{1 2}

State or other areas	1994	1995	1996	State or other areas	1994	1995	1996
	<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	1,271	1,468	2,050	NM	1,459	1,103	653
AK	8,782	7,601	5,906	NY	8	6	6
AZ	3,949	3,182	1,632	NC	679	942	692
AR	4,535	4,938	6,648	ND	(3)	(3)	(3)
CA	50,981	43,046	36,158	OH	30	16	11
CO	6,319	5,584	5,956	OK	595	644	883
FL	1,068	1,334	1,066	OR	119,791	109,647	95,239
GA	892	759	908	PA	5,302	5,362	6,207
ID	25,228	15,031	17,458	SC	1,586	1,359	960
IL	38	33	28	SD	2,631	2,840	2,350
IN	18	14	7	TN	385	442	319
KY	447	311	494	TX	3,599	2,893	4,337
LA	2,577	2,175	2,736	UT	2,373	1,553	1,831
ME	33	33	35	VT	167	178	257
MI	1,964	2,505	2,384	VA	820	997	822
MN	2,819	2,977	3,179	WA	31,914	30,089	29,429
MS	5,928	7,224	8,276	WV	761	1,404	1,861
MO	1,236	1,170	1,232	WI	1,206	1,328	1,621
MT	14,482	10,556	9,383	WY	2,192	1,881	1,844
NE	68	37	31	PR	26	15	21
NV	520	322	299	Total	178,518	273,483	255,720
NH	481	485	510				

¹ Fiscal years Oct. 1–Sept. 30. ² Payments under the acts of May 23, 1908 (as amended), July 24, 1956, and Oct. 22, 1976, are 25 percent of total receipts remaining after deducting (a) payments to Arizona and New Mexico on account school section lands administered by Forest Service, (b) appropriations of receipts under laws authorizing such appropriations for acquisition of lands in specified national forests or portions thereof, and (c) receipts from an area of the Superior National Forest, Minnesota, on account of which the State (for the counties) is paid 0.75 percent of the appraised valuation in lieu of 25 percent of the receipts. Payments made in the following year. ³ Less than \$500.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-39.—Livestock on National Forest System lands: Number grazed and grazing receipts, United States, 1987–96

Year	Number grazed ¹		Receipts from grazing ²
	Cattle, horses, and burros	Sheep and goats	
	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>
1987	1,410	1,134	8,104
1988	1,313	1,067	8,738
1989	1,526	972	10,950
1990	1,236	958	10,419
1991	1,265	1,029	11,457
1992	1,408	1,183	10,780
1993	1,318	1,111	10,518
1994	1,229	941	11,056
1995	1,227	940	8,756
1996	1,174	868	7,352

¹ Calendar year data for number actually grazed. ² Fiscal years Oct. 1–Sept. 30.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-40.—Livestock on National Forest System lands: Number grazed and grazing receipts for the year ending Sept. 30, 1992, by States

State or other area	Number grazed ¹		Receipts from grazing
	Cattle, horses, and burros	Sheep and goats	
	<i>Number</i>	<i>Number</i>	<i>Dollars</i>
AL	284	.....	618.80
AZ	115,929	22,364	1,647,141.56
AR	1,196	46	39,044.80
CA	83,710	54,878	592,633.14
CO	165,078	205,280	1,310,956.54
FL	1,543	.....	18,885.00
GA	381	.....	8,080.13
ID	124,775	213,803	977,513.91
IL	814	.....	166.63
KS	6,849	.....	25,700.98
KY	43	.....	319.19
LA	999	.....	25,718.78
MI	279	.....	1,557.46
MN	62	.....	136.41
MS	12	.....	3,426.08
MO	4,181	.....	27,154.21
MT	114,619	25,324	820,928.80
NE	20,519	.....	158,367.34
NV	55,509	66,568	402,126.96
NM	83,217	17,802	1,235,863.58
NY	1,499	.....	56.79
ND	43,811	445	443,840.30
OH	202	.....	961.38
OK	3,319	.....	28,620.18
OR ²	83,934	30,897	618,786.04
SD	70,091	5,425	547,594.81
TX	7,885	.....	97,788.34
UT	83,669	223,541	836,937.32
VT	47	.....	0
VA	1,120	.....	10,694.21
WA	21,559	13,532	169,044.36
WV	1,116	126	18,585.00
WY	117,779	136,534	709,486.02
National forests	1,049,243	990,720	9,464,412.41
National grasslands and land utilization project land	166,787	25,845	1,314,322.64
Total	1,216,030	1,016,565	10,778,735.05

No update available until 1999.
¹ Calendar year 1991 data for number actually grazed. ² Figure does not include \$2,285.44 receipts from Oregon & CA Railroad Grant.
 FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-41.—Timber prices: Average stumpage prices for sawtimber sold from national forests, by selected species, 1987–96

Year	Douglas-fir ¹	Southern pine ²	Ponderosa pine ³	Western hemlock ⁴	All eastern hardwoods ⁵	Oak, white, red, and black ⁵	Maple, sugar ⁶
	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>
1987	190.20	135.70	209.30	105.40	88.10	146.80	80.50
1988	256.00	141.90	182.10	162.90	151.30	146.30	108.40
1989	389.80	131.40	292.00	223.30	135.80	178.90	128.60
1990	466.40	126.70	252.20	203.00	146.10	188.30	135.30
1991	395.00	166.10	237.60	164.10	160.10	163.60	120.70
1992	477.20	198.40	292.30	164.60	166.60	211.20	144.60
1993	317.75	217.21	535.17	363.66	264.06	194.57	219.52
1994	652.36	265.85	291.35	334.80	352.07	317.40	313.37
1995	453.54	248.49	149.94	297.09	313.92	296.59	285.57
1996	453.04	251.05	269.97	289.30	312.57	264.44	213.20

¹Western Washington and western Oregon. ²Southern region. ³Pacific Southwest region. Includes Jeffrey pine. ⁴Pacific Northwest region. ⁵Eastern and Southern regions. ⁶Eastern region.

Forest Service National Forest prices in this table are for timber sold on a Scribner Decimal C log rule basis, except in the Northeastern States where International 1/4-inch log rule is used. Prices include KV payments; exclude timber sold by land exchanges and from land utilization project lands. Data for 1983 are statistical high bid prices; beginning in 1984, data are high bid prices which include specified road costs.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-42.—National Forest System lands: Number of visitor-days, 1986–96, by activity, States, and Puerto Rico, 1996¹

Year and activity	Visitor-days	Percent	1996			
			State or other area	Visitor-days	State or other area	Visitor-days
				<i>Thousands</i>		<i>Thousands</i>
1986	226,533		AL	689	NH	3,354
1987	238,458		AK	6,962	NM	9,326
1988	242,316		AZ	35,000	NY	39
1989	252,495		AR	2,210	NC	6,979
1990	263,051		CA	71,165	ND	133
1991	278,849		CO	30,971	OH	524
1992	287,690		FL	2,960	OK	393
1993	295,473		GA	2,925	OR	37,029
1994	330,348		ID	15,365	PA	3,268
1995	345,083		IL	1,188	SC	1,011
1996	341,200		IN	684	SD	3,571
1996 activity:			KS	86	TN	3,309
Mechanized travel and viewing scenery	122,141	35.8	KY	2,326	TX	2,302
Camping, picnicking and swimming	87,082	25.5	LA	599	UT	19,378
Hiking, horseback riding and water travel	33,099	9.7	ME	158	VT	1,395
Winter sports	19,708	5.8	MI	4,866	VA	4,927
Hunting	19,384	5.7	MN	5,982	WA	24,797
Resorts, cabins and organization camps	17,702	5.2	MS	1,828	WV	1,499
Fishing	18,160	5.3	MO	2,518	WI	2,527
Nature studies	3,299	1.0	MT	13,495	WY	9,114
Other ²	20,627	6.0	NE	320	PR	171
			NV	3,857		
Total ³	341,200	100.0			Total ³	341,200

¹Recreational use of national forest land and water that aggregates 12 visitor-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. Fiscal years Oct. 1–Sept. 30. ²Includes team sports, gathering forest products, attending talks and programs, and other uses. ³Data may not add to total because of rounding.

FS, Timber Demand and Technology Assessment, RWU -4851 (608) 231-9376.

Table 12-43.—Timber products: Production, imports, exports, and consumption, United States, 1986–95¹

Year	Industrial roundwood used for—												
	Lumber				Plywood and veneer				Pulp products				
	Production	Imports	Exports	Consumption	Production	Imports	Exports	Consumption	Production	Imports ²	Exports ²	Consumption	
	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>
1986	6,545	2,285	385	8,445	1,505	185	65	1,625	4,545	1,895	1,080	5,360	
1987	6,990	2,380	510	8,860	1,650	190	80	1,760	4,670	1,985	1,195	5,465	
1988	6,920	2,225	720	8,425	1,630	165	100	1,695	4,885	2,045	1,345	5,585	
1989	7,206	2,206	628	8,785	1,406	115	98	1,423	4,875	1,017	639	5,253	
1990	6,892	1,890	564	8,219	1,368	96	110	1,354	4,645	949	648	4,967	
1991	6,444	1,695	593	7,546	1,216	83	95	1,204	4,844	929	741	5,032	
1992	6,793	1,944	537	8,200	1,265	100	107	1,168	4,980	930	802	5,108	
1993	6,636	2,223	506	8,353	1,257	101	101	1,257	4,899	995	736	5,157	
1994	7,323	2,420	482	9,261	1,310	94	87	1,317	5,418	1,151	782	5,787	
1995	7,034	2,556	461	9,129	1,297	108	91	1,314	5,536	1,232	897	5,870	

Year	Industrial roundwood used for—Continued								Fuelwood production and consumption	Production, all products	Consumption, all products
	Other industrial products, ⁴ production and consumption	Logs		Pulpwood chip exports	Total						
		Imports	Exports		Production	Imports	Exports	Consumption			
	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>
1986	475	15	620	150	13,845	4,375	2,300	15,920	3,115	16,960	19,030
1987	495	15	705	160	14,670	4,575	2,650	16,595	3,150	17,820	19,745
1988	510	15	825	215	14,985	4,445	3,200	16,230	3,360	18,345	19,590
1989	510	6	753	123	14,664	3,455	2,244	16,694	3,041	18,580	19,735
1990	516	4	674	123	14,124	3,054	2,103	15,825	3,019	17,941	18,844
1991	512	2	601	179	13,741	2,807	2,218	15,064	3,029	17,550	18,092
1992	526	7	525	220	14,384	3,095	2,196	15,987	3,043	18,171	19,031
1993	525	15	460	195	14,189	3,470	2,005	16,268	3,083	17,928	19,352
1994	556	18	429	212	14,607	3,710	1,992	16,922	3,134	18,381	20,056
1995	567	13	451	249	14,434	3,965	2,149	16,881	3,194	18,327	20,074

¹Data may not add to totals because of rounding. ²Includes both pulpwood and the pulpwood equivalent of woodpulp, paper, and board. ³Roundwood equivalent. ⁴Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle bolts, and miscellaneous items. No update available until 1999.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-44.—Lumber: Production, United States, 1987–96

Year	Total	Softwoods	Hardwoods
	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>
1987	49,395	38,235	11,160
1988	49,576	38,130	11,446
1989	48,533	37,545	10,988
1990	46,495	35,791	10,704
1991	43,374	33,161	10,213
1992	45,736	34,526	11,210
1993	45,117	33,346	11,771
1994	43,743	32,725	11,018
1995	44,400	31,966	12,434
1996	33,932	33,932	12,846

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376. From data published by the American Forest and Paper Association.

Table 12-45.—Timber products: Pulpwood consumption, woodpulp production, and paper and board production and consumption, United States, 1987–96¹

Year	Pulpwood consumption ²	Woodpulp production ³	Paper and board ⁴		
			Production	Consumption or new supply ⁵	Per capita consumption
	<i>1,000 cords⁶</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Pounds</i>
1987	93,051	62,392	75,951	83,764	687
1988	94,495	63,798	78,299	85,718	700
1989	98,287	62,598	78,573	(7) 85,373	690
1990	98,154	63,649	80,445	(7) 86,796	695
1991	97,605	64,237	81,234	(7) 85,071	673
1992	102,939	65,943	84,701	88,273	691
1993	105,356	63,505	86,693	91,538	709
1994	105,995	65,095	91,109	95,930	736
1995	95,000	65,789	91,369	96,079	731
1996	90,439	64,191	92,054	94,350	711

¹ Revised to match data from American Forest and Paper Association and American Pulpwood Association. ² Includes changes in stocks. ³ Excludes defibrated and exploded woodpulp used for hard pressed board. ⁴ Excludes hard-board. ⁵ Production plus imports and minus exports (excludes products); changes in inventories not taken into account. ⁶ One cord equals 128 cubic feet. ⁷ Imports and exports 1989–1991 exclude insulating board.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376. Compiled from U.S. Department of Commerce and American Forest and Paper Association.

Table 12-46.—Timber products: Producer price indexes, selected products, United States, 1987–96 [1982=100]

Year	Lumber	Softwood plywood	Woodpulp	Paper	Paperboard
1987	93.2	74.7	93.1	90.6	87.9
1988	92.5	74.2	114.1	100.1	99.1
1989	90.8	84.5	131.4	105.3	104.2
1990	86.8	81.4	126.3	104.6	101.0
1991	86.9	82.2	99.5	103.1	96.9
1992	100.0	100.0	100.0	100.0	100.0
1993	125.0	115.4	87.0	100.6	96.7
1994	127.0	120.3	97.2	102.2	104.3
1995	112.6	128.0	152.9	129.2	136.2
1996	114.2	118.3	111.7	121.4	116.1

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376. Compiled from reports of the U.S. Department of Labor, Bureau of Labor Statistics.

Table 12-47.—Timber products: Structural panels, LVL, and lumber production, United States, 1987–96

Year	Laminated veneer lumber ¹	Oriented strand board	Plywood	Medium-density fiberboard	Lumber	
					Hardwood	Softwood ²
	<i>Million cubic meters</i>	<i>Million cubic meters</i>	<i>Million cubic meters</i>	<i>Million cubic meters</i>	<i>Million cubic meters</i>	<i>Million cubic meters</i>
1987	0.25	3.61	20.63	1.64	17.7	64.9
1988	0.31	4.07	20.42	1.72	18.2	64.8
1989	0.34	4.52	18.94	1.72	17.7	63.8
1990	0.45	4.79	18.32	1.68	17.0	60.9
1991	0.51	4.97	16.55	1.70	16.0	56.4
1992	0.57	5.89	17.11	1.89	16.8	58.7
1993	0.71	6.20	17.09	2.05	25.0	55.9
1994	0.79	6.67	16.87	2.21	26.0	58.0
1995	0.98	6.99	17.14	1.96	29.3	54.7
1996	1.12	8.24	16.98	2.17	30.2	57.6

¹ Prior to 1994, data are estimates from various articles and reports. ² Revised due to softwood conversion factor of 1.7 (2.36 was previously used).

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.