

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 legume	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
CP24	Cross wind trap strips	165
CP25	Rare and declining habitat	45,712

* Available beginning with continuous signup 14. ** Available beginning with signup 15.

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.

**Table 12-1.—Conservation Reserve Program (CRP): Enrollment Summary,
March 1987–January 1998¹**

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	7,890	415,055	52.6	43.21	17
Alaska	42	25,274	601.8	32.71	7
Arizona	1	33	33.0	9.00	0
Arkansas	2,237	147,832	66.1	42.75	13
California	377	129,235	342.8	30.02	13
Colorado	9,153	1,921,488	209.9	31.42	24
Connecticut	15	231	0.0	64.15	0
Delaware	159	1,671	10.5	71.71	5
Florida	1,738	84,640	48.7	36.90	15
Georgia	6,248	256,175	41.0	39.36	13
Hawaii	0	0	0.0	0.00	5
Idaho	4,139	733,431	177.2	39.17	16
Illinois	29,801	681,453	22.9	86.60	18
Indiana	12,220	278,762	22.8	79.44	15
Iowa	40,475	1,440,701	35.6	91.52	18
Kansas	30,392	2,530,518	83.3	40.40	16
Kentucky	6,369	249,223	39.1	66.71	28
Louisiana	1,752	143,578	82.0	42.40	11
Maine	682	23,286	34.1	49.88	7
Maryland	1,364	23,595	17.3	81.52	8
Massachusetts	15	85	5.7	106.62	0
Michigan	8,460	274,918	32.5	57.52	9
Minnesota	26,211	1,138,561	43.4	54.11	17
Mississippi	13,073	760,433	58.2	38.89	19
Missouri	22,152	1,352,720	61.1	64.52	18
Montana	13,962	2,977,211	213.2	33.37	13
Nebraska	13,215	991,090	75.0	53.12	21
Nevada	5	878	175.6	35.99	16
New Hampshire	11	177	16.1	50.91	0
New Jersey	93	2,294	24.7	53.17	11
New Mexico	2,507	586,021	233.8	31.36	39
New York	1,595	51,426	32.2	41.79	11
North Carolina	3,844	83,678	21.8	53.30	16
North Dakota	25,997	3,138,232	120.7	33.69	15
Ohio	10,665	296,385	27.8	76.53	10
Oklahoma	7,829	967,632	123.6	33.40	22
Oregon	1,690	386,135	228.5	45.25	11
Pennsylvania	2,111	71,509	33.9	46.44	14
Puerto Rico	17	654	38.5	86.20	33
South Carolina	6,273	191,913	30.6	34.12	13
South Dakota	15,347	1,512,928	98.6	40.74	11
Tennessee	5,968	231,418	38.8	51.99	21
Texas	20,458	3,669,500	179.4	35.33	30
Utah	910	183,265	201.4	30.67	17
Vermont	17	222	13.1	51.40	18
Virginia	1,847	44,018	23.8	44.94	15
Washington	5,862	924,451	157.7	47.70	14
West Virginia	39	822	21.1	40.18	11
Wisconsin	21,938	599,016	27.3	64.87	12
Wyoming	886	264,082	298.1	28.10	14
United States, total	388,051	29,787,855	76.8	48.90	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 1998**
(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	627	24,545	1,366,006	55.65	47	2,381	131,169	55.09
Alaska	11	3,581	237,937	66.44				
Arizona					1	33	0	0.00
Arkansas	284	12,509	517,344	41.36	9	663	65,994	99.54
California	25	4,470	96,438	21.57	9	279	7,610	27.28
Colorado	754	138,410	6,523,191	47.13	2,329	421,373	21,330,913	50.62
Connecticut	5	37	3,881	104.89	3	34	3,630	106.76
Delaware	3	67	3,817	56.97				
Florida	74	2,219	105,720	47.64				
Georgia	253	6,857	392,640	57.26	9	292	25,469	87.22
Hawaii								
Idaho	1,364	189,688	6,615,535	34.88	19	966	49,667	51.42
Illinois	8,796	283,725	12,266,474	43.23	811	13,852	642,975	46.42
Indiana	3,672	131,658	7,669,310	58.25	550	11,439	693,187	60.60
Iowa	11,624	508,937	19,417,433	38.15	3,357	89,168	4,710,617	52.83
Kansas	1,094	50,089	1,865,655	37.25	12,433	854,424	31,580,506	36.96
Kentucky	2,090	78,732	4,422,025	56.17	595	11,098	951,018	85.69
Louisiana	54	2,820	91,543	32.46	20	2,017	83,311	41.30
Maine	75	2,173	282,320	129.92	6	104	13,681	131.55
Maryland	270	7,102	965,402	135.93	40	827	140,100	169.41
Massachusetts								
Michigan	3,253	118,919	3,713,976	31.23	333	7,227	307,134	42.50
Minnesota	5,571	324,068	12,176,046	37.57	3,581	121,580	7,093,690	58.35
Mississippi	755	28,307	1,090,721	38.53				
Missouri	8,382	411,244	15,772,837	38.35	3,169	141,362	7,543,901	53.37
Montana	4,636	1,013,489	20,307,274	20.04	2,188	446,966	15,716,293	35.16
Nebraska	1,687	121,025	2,652,726	21.92	4,837	246,996	7,603,144	30.78
Nevada	4	727	20,632	28.38				
New Hampshire	1	10	1,200	120.00				
New Jersey	38	1,116	174,705	156.55	17	377	72,061	191.14
New Mexico	10	1,909	62,589	32.79	814	181,400	7,497,091	41.33
New York	303	7,494	603,171	80.49	41	697	40,897	58.68
North Carolina	447	9,271	645,414	69.62	35	798	51,786	64.89
North Dakota	6,698	781,530	20,155,933	25.79	326	22,411	742,860	33.15
Ohio	3,711	155,402	7,704,069	49.58	619	12,553	670,676	53.43
Oklahoma	1,240	132,489	5,090,374	38.42	2,632	290,950	11,820,496	40.63
Oregon	441	89,543	2,215,973	34.42	66	10,350	239,301	34.42
Pennsylvania	544	14,200	1,061,547	74.76	47	824	68,032	82.56
Puerto Rico	3	115	14,002	121.76				
Rhode Island								
South Carolina	161	3,962	251,894	63.58	7	66	5,851	88.65
South Dakota	3,420	330,592	8,593,923	26.00	2,525	178,087	7,143,237	40.11
Tennessee	1,682	63,542	3,538,284	55.68	256	6,011	334,650	55.67
Texas	2,266	339,671	14,762,907	43.46	10,280	1,352,520	58,991,127	43.62
Utah	287	50,198	1,554,074	30.96	60	12,133	493,211	40.65
Vermont	1	6	750	125.00				
Virginia	455	9,553	514,867	53.90	81	1,857	115,271	62.07
Washington	1,450	246,584	11,020,721	44.69	1,457	184,723	14,466,213	78.31
West Virginia	1	10	500	50.00				
Wisconsin	3,982	88,525	3,977,853	44.93	2,235	46,332	2,856,047	61.64
Wyoming	212	65,496	1,869,803	28.55	10	2,658	66,642	25.07
United States, total	82,716	5,856,616	202,391,436	34.56	55,854	4,677,828	204,369,458	34.42

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

**Table 12-3.—Conservation Reserve Program (CRP): Enrollment by Practice,
March 1986—June 1998**
(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	2,465	100,384	6,031,141	60.08	181	7,923	46,953	5.93
Alaska								
Arizona								
Arkansas	646	45,107	2,553,898	56.62	66	2,888	122,531	42.43
California	11	494	8,450	17.11	13	1,145	82,357	71.93
Colorado	4	7	2,320	331.43	918	112,311	6,083,503	54.17
Connecticut								
Delaware	1	83	34,342	413.76	49	689	98,534	143.01
Florida	696	28,255	971,483	34.38	147	3,751	120,084	32.01
Georgia	2,880	112,694	4,968,887	44.09	208	8,400	322,441	38.39
Hawaii								
Idaho	86	2,042	228,915	112.10	430	57,901	1,446,068	24.97
Illinois	2,031	42,999	2,781,156	64.68	2,061	50,838	1,492,455	29.36
Indiana	1,082	20,481	2,756,301	134.58	317	6,164	449,980	73.00
Iowa	1,476	20,960	3,623,633	172.88	4,990	150,400	5,520,559	36.71
Kansas	81	837	87,708	104.79	536	15,062	574,569	38.15
Kentucky	199	4,913	469,630	95.59	41	947	60,764	64.16
Louisiana	743	58,699	4,050,098	69.00	47	2,547	186,702	73.30
Maine	26	301	36,126	120.02	21	774	36,277	46.87
Maryland	76	987	109,044	110.48	78	2,626	186,575	71.05
Massachusetts								
Michigan	984	13,793	1,231,614	89.29	584	13,041	489,953	37.57
Minnesota	1,885	43,901	4,617,767	105.19	4,247	159,072	10,898,991	68.52
Mississippi	4,681	272,637	11,645,630	42.71	414	8,486	231,436	27.27
Missouri	823	27,659	2,800,420	101.25	326	13,840	681,919	49.27
Montana	10	64	12,322	192.53	45	3,471	92,284	26.59
Nebraska	300	4,037	231,906	57.45	1,264	85,925	3,207,190	37.33
Nevada					1	151	4,100	27.15
New Hampshire								
New Jersey	7	210	18,679	88.95	3	43	9,259	215.33
New Mexico	2	81	2,120	26.17	1	69	1,855	26.88
New York	96	1,594	207,596	130.24	38	431	40,075	92.98
North Carolina	924	16,546	592,617	35.82	166	2,439	212,927	87.30
North Dakota	82	916	145,012	158.31	5,173	514,642	12,697,427	24.67
Ohio	714	9,505	891,688	93.81	454	12,617	403,942	32.02
Oklahoma	36	897	54,378	60.62	40	1,363	38,729	28.41
Oregon	46	1,519	84,497	55.63	48	4,382	134,820	30.77
Pennsylvania	66	786	77,693	98.85	22	594	38,329	64.53
Puerto Rico	7	84	13,419	159.75				
Rhode Island								
South Carolina	1,570	46,961	1,550,855	33.02	579	10,984	339,532	30.91
South Dakota	60	387	88,251	228.04	2,727	284,613	8,164,534	28.69
Tennessee	330	9,675	528,193	54.59	141	4,255	186,197	43.76
Texas	59	7,727	400,241	51.80	367	36,892	1,951,698	52.90
Utah					6	146	5,152	35.29
Vermont	1	3	750	250.00				
Virginia	271	4,743	177,702	37.47	86	1,290	79,540	61.66
Washington	36	1,359	243,792	179.39	1,105	142,020	13,231,354	93.17
West Virginia	4	25	1,332	53.28				
Wisconsin	4,096	65,991	8,052,373	122.02	894	12,750	716,785	56.22
Wyoming	1	2	55	27.50	77	24,354	505,984	20.78
United States, total	29,594	970,345	62,384,034	64.29	28,911	1,762,236	71,194,364	40.40

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 1998
(CP 5, CP 6 and CP 7)**

State	CP 5 Establishment of field windbreaks				CP 6 Diversions 1				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	36	2,856	153,346	54	3	4	4,407	1,102	2	5	6,467	1,293
AK												
AZ												
AR	15	770	53,353	69					3	45	4,167	93
CA	1	1			1	66	26,400	400				
CO	58	295	120,469	408	1	141	114	1	2	220	1,331	6
CT												
DE												
FL												
GA	6	595	35,275	59					1	8		
HI												
ID	6	34	35,138	1,033	1	5	800	160	3	4	6,900	1,725
IL	170	674	140,013	208	22	59	30,950	525	67	155	162,215	1,047
IN	93	356	49,188	138	2	2	914	457	15	31	22,840	737
IA	260	1,012	185,841	184	8	44	6,134	139	9	22	24,400	1,109
KS	86	285	74,497	261	28	575	17,076	30	10	136	14,879	109
KY	2	63	6,450	102	4	1	3,600	3,600	10	11	22,617	2,056
LA	9	414	18,745	45	1	5	476	95	2	25	464	19
ME												
MD	1	3	94	31	1	1	276	276	1	8	12,338	1,542
MA												
MI	72	269	52,302	194	5	5	2,025	405	9	17	13,950	821
MN	436	1,526	256,143	168					2	1	9,000	9,000
MS	91	5,945	188,146	32	3	4	3,940	985	3	2	3,575	1,788
MO	5	46	3,571	78	46	563	63,496	113	37	198	60,759	307
MT	28	286	67,720	237					1	331		
NE	236	1,302	261,752	201	4	58	4,167	72	2	11	1,869	170
NV												
NH									1			
NJ					1	5	750	150				
NM												
NY	6	54	10,185	189								
NC	1	15										
ND	410	1,531	343,984	225	2	1	113	87				
OH	134	252	56,305	223					7	14	10,648	761
OK	2	6	1,216	203	24	2,846	33,399	12	2	1	4,206	3,824
OR	2	22	2,708	123								
PA	1	7	770	110	4	8	6,428	804	2	1	919	919
PR												
RI												
SC	5	102	3,227	32								
SD	632	2,665	863,048	324								
TN	8	114	6,850	60	7	15	5,183	346	20	44	43,252	983
TX					5	54	6,877	127	1	4	110	28
UT												
VT	1	5	1,010	202								
VA	2	6	237	40								
WA	3	9	6,703	745	2	106	10,002	94	3	4	2,595	649
WV												
WI	82	726	77,855	107	4	9	2,560	284	7	3	15,255	5,085
WY	6	11	9,363	851	1	146						
US	2,906	22,257	3,085,504	139	180	4,723	230,087	10,263	222	1,301	444,756	34,068

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 12-5.—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	23	48	14,988	312	7	24	11,358	473	1,844	117,763		
AK									38			
AZ												
AR					36	676	11,615	17	565	29,636		
CA					5	1,346	43,879	33	336	116,016		
CO	44	488	67,371	138	2	22	1,528	69	5,933	1,246,269		
CT									7	131		
DE	3	2	2,390	1,195	46	135	348,709	2,583	3	57		
FL					1	1	40	40	72	1,788		
GA	9	55	28,710	522	8	45	26,694	593	435	8,336		
HI												
ID	2	9	4,857	540	13	42	30,485	726	2,718	460,018		
IL	2,848	6,421	5,487,365	855	160	1,233	355,263	288	6,106	187,953		
IN	1,158	2,000	3,127,636	1,564	99	412	196,776	478	2,977	81,702		
IA	1,785	5,521	2,564,912	465	283	1,503	269,360	179	13,055	547,477		
KS	219	1,065	250,592	235	27	208	34,674	167	18,596	1,588,623		
KY	111	391	213,008	545	41	311	73,812	237	3,690	145,232		
LA	1	1	122	122	36	2,451	17,465	7	420	20,721		
ME	1								591	19,156		
MD	48	76	189,052	2,488	92	285	285,201	1,001	161	3,862		
MA					1				7	23		
MI	74	173	107,669	622	80	187	102,637	549	3,596	109,320		
MN	129	269	161,926	602	105	573	43,596	76	7,459	289,058		
MS	7	50			33	965	34,621	36	3,022	134,658		
MO	71	286	93,829	328	38	588	69,221	118	12,619	726,975		
MT	10	62	2,131	34					7,578	1,334,175		
NE	98	241	52,786	219	16	134	12,211	91	6,455	507,119		
NV												
NH												
NJ	4	10	24,762	2,476					24	485		
NM									1,839	402,472		
NY	6	4	8,382	2,096	5	64	8,942	140	1,234	39,096		
NC	1	1	998	998	65	300	61,215	204	844	16,961		
ND	32	72	24,094	335	21	123	2,640	21	10,560	1,169,514		
OH	710	966	1,649,008	1,707	89	432	208,956	484	2,580	84,285		
OK	15	58	9,670	167	1	5			4,584	530,848		
OR	7	64	35,382	553	1	13	5,567	428	1,149	278,092		
PA	48	44	71,125	1,616	8	16	29,974	1,873	1,654	54,280		
PR										338		
RI												
SC	12	17	18,775	1,104	36	197	162,238	824	508	12,632		
SD	59	266	58,476	220	26	134	24,122	180	5,034	450,407		
TN	3	5	966	193	5	70	3,350	48	3,465	126,494		
TX	40	416	41,904	101	5	18	5,757	320	11,584	1,918,403		
UT									656	120,762		
VT	1	1	1,595	1,595					4	116		
VA	5	12	2,779	232	3	60	16,000	267	604	13,143		
WA	30	117	55,526	475	5	17	5,216	307	2,477	313,248		
WV					1	2	1,000	500	23	732		
WI	82	103	133,703	1,298	296	1,220	145,032	119	13,455	347,538		
WY	1	9	940	104	1	10	1,554	155	615	170,972		
US	7,697	19,323	14,507,429	751	1,697	13,822	2,650,708	13,631	161,176	13,746,886		

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 1998 (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	3,448	154,419			228	880			10	128	10,030	78.36
AK					1							
AZ												
AR	592	42,056			6	66			17	155	8,752	56.46
CA	5	371			3	199						
CO	40	240			16	171			6	168	22,282	132.63
CT												
DE	5	56			3	9			6	142	42,290	297.82
FL	975	48,489			18	65			2	5	293	58.60
GA	2,899	114,608			55	196			49	1,283	60,958	47.51
HI												
ID	93	1,872			1	1			1	6	2,427	404.50
IL	541	8,626			300	833			930	6,563	348,646	53.12
IN	307	4,786			39	291			295	2,705	204,170	75.48
IA	351	4,398			230	924			677	4,839	236,207	48.81
KS	195	1,172			452	1,480			128	1,368	63,589	46.48
KY	47	1,165			31	190			82	958	46,699	48.75
LA	431	32,885			44	277			3	56	2,067	36.91
ME	66	701										
MD	26	280			40	197			110	1,494	244,610	163.73
MA									3	47		
MI	310	4,546			346	1,628			208	1,365	55,155	40.41
MN	942	14,777			388	1,162			673	9,482	341,037	35.97
MS	5,607	286,427			412	3,251			65	823	32,730	39.77
MO	136	3,036			190	715			103	968	59,516	61.48
MT	68	911			3	9			2	26	1,283	49.35
NE	414	2,343			98	425			49	357	10,003	28.02
NV												
NH									1			
NJ	1	5			1	1			1	9	2,385	265.00
NM	4	85			1	6						
NY	79	1,123			19	75			5	142	3,731	26.27
NC	1,690	34,638			10	26			4	37	6,295	170.14
ND	131	995			125	936			51	719	18,660	25.95
OH	254	4,093			60	128			253	1,424	74,925	52.62
OK	15	391			12	97			10	179	7,535	42.09
OR	37	1,310			2	16			2	22	1,000	45.45
PA	37	516			12	31			4	67	5,628	84.00
PR	8	117			4							
RI												
SC	2,663	98,870			119	1,063			203	3,096	135,550	43.78
SD	95	686			417	3,678			59	726	38,647	53.23
TN	461	14,615			19	45			185	2,161	110,494	51.13
TX	62	5,767			140	2,090			9	102	4,593	45.03
UT												
VT												
VA	583	12,401			13	130			21	159	14,038	88.29
WA	15	767			5	21			51	741	27,777	37.49
WV	3	12			1							
WI	1,473	20,066			568	1,974			116	705	39,268	55.70
WY	9	74			3	45						
US	25,118	924,695	0	0.00	4,435	23,331	0	0.00	4,394	43,227	2,283,270	2,890.34

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 1998**
(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	28	2,315			16	155	101					
AK												
AZ												
AR	53	6,604										
CA												
CO					10	579	8,586	14.83	19	124	80,002	645.18
CT												
DE												
FL												
GA	48	1,820			2	29	1,702	58.69				
HI												
ID					1	13	504	38.77	5	38	42,314	1,113.53
IL	120	2,520	660		77	473	16,192	34.23	21	29	4,075	140.52
IN	24	436			16	49	2,836	57.88	6	12	2,389	199.08
IA	3	44			1,145	14,261	275,317	19.31	203	422	109,748	260.07
KS	1	13			91	1,373	30,114	21.93	24	42	10,326	245.86
KY												
LA	116	17,042										
ME												
MD	3	36			1	2	3,500	1,750.00				
MA												
MI	6	53			2	5	500	100.00	9	11	920	83.64
MN	13	419			16	46	1,081	23.50	314	742	178,819	241.00
MS	65	9,584			5	35						
MO	20	491	6,947	14.15	38	656	6,052	9.23	3	13	220	16.92
MT					2	335	7,704	23.00	4	19	5,546	291.89
NE	1				20	128	1,427	11.15	99	476	67,126	141.02
NV												
NH												
NJ												
NM												
NY	8	55										
NC	27	2,464							4	16	914	57.13
ND									277	715	232,965	325.83
OH	23	91							2	1	90	113.00
OK												
OR	1	30			2	17						
PA	1	6			12	55	4,813	87.51				
PR												
RI												
SC	62	1,848										
SD					1	34	449	13.21	624	2,030	675,567	332.79
TN	26	1,858			5	3						
TX	1	238			1	153	7,871	51.44	3	22	8,120	369.09
UT												
VT												
VA												
WA					21	512	21,360	41.72	1	1	30	38.00
WV												
WI	23	269	4,557	16.94	22	86	625	7.27				
WY					1	1	166	166.00				
US	673	48,236	12,164	0.25	1,507	19,000	390,900	2,529.65	1,618	4,713	1,419,171	4,614.53

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 1998 (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	4	25	14,795	591.80								
CT												
DE												
FL												
GA												
HI												
ID												
IL	3	4	441	110.25					1	20	660	33.00
IN	1	2	135	67.50								
IA	11	13	2,294	176.46								
KS	1	2	1,051	525.50	47	2,622	61,401	23.42				
KY												
LA												
ME												
MD												
MA												
MI												
MN	36	132	17,087	129.45	11	920	29,490	32.05				
MS												
MO									1	54	6,947	128.65
MT					1,121	144,981	1,432,417	9.88				
NE	4	18	3,921	217.83	9	144,198	1,432,417	21.47				
NV												
NH												
NJ												
NM												
NY												
NC												
ND	10	38	11,552	304.00	738	55,268	534,895	9.68				
OH												
OK	1				141							
OR												
PA												
PR												
RI												
SC												
SD	19	90	21,254	236.16	36	1,225	33,246	27.14				
TN												
TX					9	789	41,124	52.12				
UT												
VT												
VA	1	3	243	81.00								
WA					6	354	13,374	37.78				
WV												
WI	1	1	185	185.00					4	53	4,557	85.98
WY												
US	92	328	72,958	222.43	2,118	206,357	2,150,199	213.55	6	127	12,164	247.63

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

Table 12-9.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1998
(CP 20, CP 21 and CP 22)

State	CP 20 Living snow fences				CP 21 Salt tolerant grasses				CP 22 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					24	271	13,707	50.58	56	857	75,754	88.39
AK												
AZ					66	690	23,550	34.13	67	1,134	49,749	43.87
AR									1	40	13,675	34.18
CA					13	324	11,153	34.42	8	52	53,150	1,022.12
CO									2	30		2
CT					59	417	61,312	147.03	1	15	6,429	428.60
DE									2	68	1,505	22.13
FL					35	409	3,319	8.11	28	217	48,943	225.54
GA												
HI					10	73	1,851	25.36	7	554	48,068	86.77
ID					7,157	47,501	2,276,791	47.93	1,165	20,659	1,909,467	92.43
IL	1	17			2,669	12,312	921,541	74.85	106	688	114,956	167.09
IN					8,639	65,618	2,845,525	43.37	1,406	17,234	2,748,489	159.48
IA					605	5,891	205,052	34.81	113	2,607	42,649	16.36
KS	1				603	4,576	240,250	52.50	43	629	67,927	107.99
KY					19	196	3,047	15.55	11	120	9,095	75.79
LA					5	25	700	28.00	7	46	20,386	443.17
ME					487	4,597	854,093	185.79	96	1,084	270,398	249.44
MD					4	10	1,067	106.70	1	5	750	150.00
MA					866	3,632	181,903	50.08	42	205	15,485	75.54
MI					5,131	61,085	2,919,636	47.80	481	6,593	690,181	104.68
MN					120	1,363	35,399	25.97	276	3,986	232,554	58.34
MS					1,186	13,499	589,331	43.66	179	1,846	171,612	92.96
MO					4	42	303	7.21	11	376	8,149	21.67
MT					479	3,398	117,847	34.68	78	652	52,447	80.44
NE												
NH					9				1			
NJ					9	32	8,498	265.56	1	1	180	180.00
NM												
NY					32	240	9,050	37.71	29	313	28,516	91.11
NC					8	61	4,393	72.02	10	59	3,220	54.58
ND					197	2,513	63,693	25.35	29	229	26,616	116.23
OH					2,235	12,674	581,664	45.89	81	444	65,580	147.70
OK					6	108	2,236	20.70	11	264	11,037	41.81
OR					23	422	19,602	46.45	20	155	71,843	463.50
PA					9	31	850	27.42	12	44	6,995	158.98
PR												
RI												
SC					323	2,860	40,801	14.27	915	9,276	182,112	19.63
SD					299	3,635	123,404	33.95	25	124	27,721	223.56
TN					279	1,984	53,497	26.96	48	314	14,694	46.80
TX					31	329	27,284	82.93	8	79	3,553	44.97
UT					2	9	812	90.22	2	17	2,922	171.88
VT					2	2	265	132.50	10	77	16,552	214.96
VA					14	205	12,832	62.60	44	459	189,793	413.49
WA					853	33,274	1,320,378	39.68	31	459	191,644	417.53
WV									12	40	10,915	272.88
WI					689	4,874	140,805	28.89	130	1,470	198,449	135.00
WY									2	288	22,744	78.97
US	2	17	0	0.00	33,201	289,182	13,717,441	47.44	5,608	73,809	7,726,906	104.69

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

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

Table 12-10.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1998 (CP 23, CP 24 and CP 25)

State	CP 23 Living snow fences				CP 24 Salt tolerant grasses				CP 25 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	5	102	5,609	54.99								
AK												
AZ												
AR	93	4,875	244,073	50.07								
CA	12	4,807	88,687	18.45								
CO	10	441	66,835	151.55								
CT												
DE												
FL												
GA	14	331	11,015	33.28								
HI												
ID	8	170	1,708	10.05								
IL	202	6,566	296,809	45.20	1	1	36	36.00				
IN	188	3,267	231,759	70.94					1			
IA	247	5,575	195,888	35.14					374	2,355	29,355	12.46
KS	52	3,166	48,286	15.25	6	15	535	35.67				
KY	2	24	280	11.67								
LA	57	3,327	107,653	32.36								
ME	1	4	1,000	250.00								
MD	96	131	78,128	596.40								
MA												
MI	112	530	55,479	104.68								
MN	2,338	101,810	4,297,625	42.21	3	10	418	41.80	99	1,364	107,899	79.10
MS	77	3,917	170,283	43.47								
MO	70	2,247	140,219	62.40					432	6,441	479,792	74.49
MT	15	840	4,878	5.81	1	5	186	37.20	147	30,832	890,997	28.90
NE	179	11,724	187,822	16.02	1	7			511	4,520	234,575	51.90
NV												
NH												
NJ	1											
NM												
NY	4	44	6,600	150.00								
NC												
ND	5,562	586,106	7,236,057	12.35								
OH	126	1,545	140,925	91.21								
OK	18	644	13,107	20.35								
OR	7	180	9,272	20.70								
PA												
PR												
RI												
SC	3	249	4,391	17.63								
SD	4,990	253,546	6,323,534	24.94	1	4	147	36.75				
TN	8	247	3,863	15.64								
TX	160	4,185	81,914	19.57	12	106	1,488	14.04				
UT												
VT	1	12	100	8.33								
VA												
WA	3	206	15,181	73.69								
WV												
WI	480	6,120	313,468	51.22					14	196	57,260	292.14
WY					1	17	1,764	103.76				
US	15,141	1,006,938	20,382,448	20.24	26	165	4,574	305.22	1,578	45,708	1,799,878	539.00

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

Table 12-11.—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 1989–98¹

Year	Agricultural Conservation Program	Emergency Conservation Program
	<i>1,000 dollars</i>	<i>1,000 dollars</i>
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	102,690	26,867
1997	97,299	30,847
1998	29,374	20,533

¹Totals are from unrounded data.

FSA, Conservation and Environmental Protection Division, (202) 720-3264.

Table 12-12.—Agricultural Conservation Program and Emergency Conservation Program: Participation and assistance, by States and Caribbean area, 1998 fiscal year ¹

State or Territory	Agricultural conservation program					Emergency conservation program		
	Participating farms	Area served	Assistance			Participating farms	Area served	Assistance
			Regular	Long term	Total assistance			
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>
AL	165	10	62	358	420	2,186	148	3,404
AK	4	*	8	7	15	.....	.....	.....
AZ	60	345	35	316	351	6	1	129
AR	567	96	81	1,264	1,345	21	+	56
CA	170	31	343	228	571	311	53	1,713
CO	139	38	230	146	376	.....	.....	.....
CT	30	2	10	103	113	2	+	9
DE	16	9	*	20	20	160	1	50
FL	119	5	122	82	204	949	33	4,350
GA	627	120	392	741	1,133	612	156	2,236
GU	1	*	1	.....	1	14	+	17
HI	15	2	27	38	65	9	+	37
ID	231	57	119	848	967	5	3	12
IL	340	44	90	724	814	447	32	1,674
IN	249	19	237	225	462	46	19	99
IA	527	44	324	782	1,106	1,515	83	2,218
KS	336	31	221	497	718	46	7	434
KY	161	11	86	309	395	10	+	8
LA	619	76	234	970	1,204	.....	.....	.....
ME	157	7	103	346	449	33	1	85
MD	299	46	61	350	411	2	+	3
MA	68	1	51	96	147	.....	.....	.....
MI	429	80	106	1,238	1,344	.....	.....	.....
MN	630	44	775	1,207	1,982	191	9	233
MS	414	56	155	465	620	191	14	814
MO	252	30	206	486	692	1,364	170	7,080
MT	375	210	562	849	1,411	18	15	32
NE	326	58	149	444	593	480	24	679
NV	28	4	15	126	141	.....	.....	.....
NH	128	6	65	173	238	.....	.....	.....
NJ	48	4	24	138	162	.....	.....	.....
NM	33	28	38	26	64	1	+	3
NY	279	23	52	520	572	2	+	6
NC	324	8	190	152	342	94	7	107
ND	450	88	286	562	848	11	2	16
OH	474	50	193	795	988	.....	.....	.....
OK	122	20	36	156	192	16	1	23
OR	360	106	515	719	1,234	22	12	53
PA	398	21	225	815	1,040	9	+	10
PR	9	*	.....	28	28	24	1	131
RI	13	1	3	43	46	.....	.....	.....
SC	386	49	101	621	722	16	1	73
SD	254	56	107	461	568	272	54	274
TN	335	22	202	487	689	.....	.....	.....
TX	190	25	302	151	453	74	21	171
UT	110	26	75	225	300	2	11	2
VT	206	16	14	528	542	37	1	65
VA	306	28	96	364	460	26	2	54
VI	12	1	13	9	22	.....	.....	.....
WA	233	33	344	736	1,080	1	+	5
WV	94	7	66	105	171	.....	.....	.....
WI	59	2	40	239	279	2	+	1
WY	53	23	24	228	252	.....	.....	.....
CNMI .....	.....	*	**	0	**	.....	.....	.....
Total	12,230	2,119	7,816	21,546	29,362	9,227	882	26,366

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 12-13.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1998 fiscal year

State or Territory	Regular and long-term agreements						
	Diversions (area served)	Conservation tillage	Perma- nent wildlife habitat (area served)	Sediment retention, erosion, or water control structures	Sod waterways (area served)	Windbreaks (area served)	Irrigation water conservation (area served)
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
AL				20			
AK	3						
AZ							1,748
AR				209			6,362
CA	38		34	277			5,787
CO	5			152		353	6,004
CT			5		10		16
DE							
FL	60						211
GA	1		117		704		523
GU							1
HI						94	5
ID	280	1,540	17	3,987	4	141	1,248
IL				1,409	1,879		
IN	28			775	409		
IA				130	212	2	
KS	121			45	967	21	200
KY	37			210	406		
LA			5	5,523	30		3,874
ME	39			674	44		
MD	28			38	191		
MA				13	25		91
MI	212		68	1,028	647	90	
MN	592		69	2,462	2,745	579	
MS				2,377	1		444
MO				38	21		1,073
MT	1				1,173	320	18,522
NE	16			111	65		354
NV				108			2,171
NH			40	103	15		
NJ	1			50	23		113
NM	200			167			343
NY	82			26	16		76
NC			1	13	344	1	
ND	118		80		2,459	3,909	137
OH	5			1,167	1,594	2	
OK	205			731	264		
OR	209		900	1,359	95		5,691
PA	662		3	273	480		
PR							
RI							60
SC			1,981	1,410	126		
SD	330		654	335	492	799	841
TN	102		4	300	3		
TX	173			1,917	572		198
UT			45				842
VT	15		50				
VA	8		10	18	53		
VI							3
WA				476	164		1,153
WV							
WI	1		80	69	92		
WY							3,484
CNMI							
Total	3,572	1,540	4,163	28,000	16,325	6,311	61,5752

See end of table.

Table 12-13.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1997 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	149		79				303
AK					1		
AZ		15,523					
AR	2,849	2,997	42		1		
CA	14	1,879			1		
CO	316	1,852			1		9,931
CT	30					137	
DE							
FL	177	352	2,083	86		58	53
GA	1,212	648	3,457	58	3	2	6,203
GU							
HI	1	54					2
ID	270	2,197	10	14			403
IL	33	26	4		1		491
IN	241	12		25	2		78
IA	124						3,472
KS	236	320					8,235
KY	68						27
LA	1,691	1,057	925		1		
ME	76	126	7	259			
MD	59		106		1		
MA	54	138					
MI	314	52	174			152	
MN	750	229	157	50	1	34	2,234
MS	1,012	15	224	80			47
MO	375	99			3		4,819
MT	346	59,215		12			100
NE	43	619			5		3,065
NV		1,262					
NH		7	8	62			
NJ	17						5
NM	155	864					
NY	109			4		113	
NC	530	990	50				5
ND	883	1,027					
OH	269	497		83		17	
OK	738						701
OR	513	9,155	785	848			1,549
PA	260	528	29	11	1	1,087	182
PR	76	150					40
RI	16			3			
SC	212	9	1,041	148		86	45
SD	1,669	1,520			1		442
TN	1,229	1,873	165		1		193
TX	1,678	5,455			1		1,168
UT	229	3,459					
VT				12			
VA	346	740	28	8		20	
VI		540					7
WA	184	25	110	219	1	374	1,348
WV		348			1		
WI			29	5			
WY	38	4,449			4		
CNMI							
Total	19,591	120,308	9,513	1,987	31	2,080	45,148

Table 12-14.—Active contracts: Summary, United States, 1988-97

State	Total no. of contracts	Total CRP	Cropped wetland	SCOUR erosion	Tree practice	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 year</i>	<i>Dollars</i>	<i>1,000 dollars</i>
AL	7,890	415,055	2,280	1,242	257,118	5,434	43.21	17,934,527
AK	42	25,274	0	0	0	922	32.71	826,713
AZ	1	33	0	0	0	0	9.00	297
AR	2,237	147,832	7,204	5,715	93,767	634	42.75	6,319,818
CA	377	129,235	0	0	865	178	30.02	3,879,635
CO	9,153	1,921,489	111	0	247	28,271	31.42	60,373,184
CT	15	231	0	0	0	1	64.15	14,819
DE	159	1,671	0	0	139	3	71.71	119,827
FL	1,738	84,640	45	114	76,744	1,118	36.90	3,123,216
GA	6,248	256,176	1,459	172	229,123	1,612	39.36	10,083,087
ID	4,139	733,431	1,600	441	3,914	9,489	39.17	28,728,492
IL	29,801	681,453	4,576	1,240	54,165	8,128	86.60	59,013,830
IN	12,220	278,762	1,197	134	25,704	2,600	79.44	22,144,853
IA	40,475	1,440,701	8,511	21,847	25,402	15,169	91.52	131,852,956
KS	30,392	2,530,518	1,054	2,909	2,023	26,708	40.40	102,232,927
KY	6,369	249,223	41	255	6,079	3,990	66.71	16,625,666
LA	1,752	143,578	19,604	474	108,626	1,180	42.40	6,087,707
ME	682	23,286	7	147	1,002	78	49.88	1,161,506
MD	1,364	23,595	1,638	0	1,303	87	81.52	1,923,464
MA	15	85	0	0	0	1	106.52	9,054
MI	8,460	274,918	593	52	18,393	1,742	57.52	15,813,283
MN	26,211	1,138,561	2,421	676	59,097	6,314	54.11	61,607,536
MS	13,073	760,433	10,301	27,794	568,649	12,459	38.89	29,573,239
MO	22,152	1,352,720	1,947	2,489	31,240	14,479	64.52	87,277,494
MT	13,962	2,977,211	445	0	976	28,595	33.37	99,349,531
NE	13,215	991,090	1,304	311	6,380	7,069	53.12	52,646,701
NV	5	878	0	0	0	15	35.99	31,599
NH	11	177	0	0	0	1	50.91	9,011
NJ	93	2,294	0	0	215	7	53.17	121,972
NM	2,507	586,021	0	0	166	1,500	31.36	18,377,619
NY	1,595	51,426	170	14	2,773	181	41.79	2,149,093
NC	3,844	83,678	2,611	52	53,694	1,076	43.30	3,623,257
ND	25,997	3,138,232	107,442	967	1,911	23,786	33.69	105,727,036
OH	10,665	296,385	2,627	572	13,690	1,465	76.53	22,682,344
OK	7,829	967,633	370	6,959	1,288	3,362	33.40	32,318,942
OR	1,690	386,135	628	271	2,859	292	45.25	17,472,609
PA	2,111	71,509	116	0	1,308	654	46.44	3,320,878
PR	17	654	0	0	201	13	86.20	56,375
SC	6,273	191,913	1,311	1,990	147,679	1,480	34.12	6,548,072
SD	15,347	1,512,928	85,670	2,388	1,073	8,415	40.74	61,636,687
TN	5,968	231,418	2,207	377	26,149	2,168	51.99	12,031,422
TX	20,458	3,669,500	479	2,362	13,733	65,367	35.33	129,643,435
UT	910	183,265	0	0	0	58	30.67	5,620,738
VT	17	222	0	0	3	2	51.40	11,411
VA	1,847	44,018	126	12	17,145	584	44.94	1,978,169
WA	5,862	924,451	358	16	2,126	3,723	47.70	44,096,313
WV	39	822	0	8	38	2	40.18	33,028
WI	21,938	599,016	21,933	1,101	86,379	3,982	64.87	38,858,168
WY	886	264,082	0	0	77	3,620	28.10	7,420,704
Total	388,051	29,787,858	292,386	83,099	1,943,457	298,014	44.73	1,332,410,888

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

Table 12-15.—Agricultural Conservation Program: Selected conservation and pollution abatement measures performed, United States and Caribbean area, annual 1990–98 and total 1936–98¹

Practice	Unit	1990	1991	1992	1993	1994	1995	1996	1997	1998	Total 1936–98
Terrace systems ²	1,000 acres.	535	632	682	544	678	600	245	288	45	50,487
Sod waterways ² ..	.....do ...	175	261	196	157	262	157	123	97	16	20,084
Conservation tillage systems.	.....do ...	430	411	556	602	527	193	9	1	1	13,465
Stripcropping systems.	.....do ...	151	124	105	81	70	50	25	13	2	117,770
Establishing permanent vegetative cover.	.....do ...	576	609	587	528	712	385	330	130	20	83,231
Cropland protective cover.	.....do ...	581	606	652	477	406	19	(³)	0	0	516,960
Improving permanent vegetative cover.	.....do ...	964	1,004	998	1,122	1,251	881	548	510	120	180,376
Planting trees or shrubs.	.....do ...	125	135	119	131	134	199	76	145	10	8,908
Timber stand improvement.	.....do ...	43	45	47	37	37	33	24	9	2	6,041
Permanent wildlife habitat ².	.....do ...	21	23	29	21	25	15	10	9	4	5,698
Water impoundment reservoirs.	Number	5,724	5,429	4,445	3,598	3,901	2,775	904	150	31	2,545,317
Grazing land protection.	.....do ...	12,498	11,430	11,422	10,173	9,907	7,696	7,266	1,753	661	724,030
Contour farming ...	1,000 acres.	27	22	16	15	18	6	(³)	(³)	(³)	140,407
Diversions ² .....	.....do ...	83	67	72	71	117	45	28	27	4	8,299
Sediment retention, erosion, or water control structures.	Number	13,427	13,289	12,522	12,656	13,738	11,796	8,918	7	2	3,658,181

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. ³ Less than 1,000 acres.
 FSA, Conservation and Environmental Protection Division, (202) 720-4053. Totals are from unrounded data.

Table 12-16.—Forestry Incentives Program: Practices performed, by States and Caribbean area, 1997 and 1998 fiscal year and cumulative 1975–98¹

State	1997			1998			Cumulative 1975–98		
	Planting trees	Improving a stand of forest trees	Site prep for natural regeneration	Planting trees	Improving a stand of forest trees	Site prep for natural regeneration	Planting trees	Improving a stand of forest trees	Site prep for natural regeneration
	<i>Acres</i>	<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	1,983	105	0	8,339	157	0	347,465	34,411	1,449
AK	137	0	0	0	0	0	138	15	8,692
AZ	0	0	0	0	0	0	13	1,807	0
AR	3,394	775	40	6,575	726	40	237,370	111,838	429
CA	90	246	0	149	135	0	10,205	11,487	0
CO	29	0	0	38	10	0	364	111	10
CT	0	12	0	0	0	0	12	7,854	0
DE	237	172	111	353	0	343	10,374	4,161	454
FL	6,680	0	0	3,986	0	0	322,070	349	233
GA	19,440	4,344	0	7,385	0	0	365,112	27,584	1,481
HI	0	0	0	0	0	0	250	0	0
ID	184	0	0	140	0	0	2,707	3,907	32
IL	16	775	41	14	547	134	83	39,982	378
IN	15	1,228	0	0	1,181	0	4,130	86,442	960
IA	20	40	0	126	254	0	3,441	9,605	31
KS	0	0	0	0	35	0	451	4,924	0
KY	70	249	45	310	800	45	4,932	57,848	1,703
LA	6,720	102	205	7,238	447	160	228,569	46,065	3,666
ME	26	287	0	19	127	0	6,878	20,681	10
MD	223	385	0	527	153	0	31,639	17,344	121
MA	0	67	14	60	81	75	698	37,553	190
MI	434	327	0	500	42	0	30,124	37,960	25
MN	606	170	219	191	110	104	17,654	13,710	1,536
MS	11,415	0	0	11,437	0	0	375,649	31,732	245
MO	10	306	57	107	233	20	12,195	84,643	231
MT	26	53	0	5	46	0	273	5,021	117
NE	10	10	0	0	30	0	563	48	0
NV	0	0	0	0	0	0	526	50	0
NH	0	375	114	0	170	228	236	30,843	1,349
NJ	0	0	0	0	0	0	10	12,275	20
NM	0	0	0	0	0	0	65	7,341	0
NY	0	379	0	10	434	0	81	67,409	120
NC	6,293	344	95	8,180	447	124	369,727	25,795	1,286
ND	0	0	0	0	0	0	207	141	0
OH	171	653	65	232	191	40	13,902	88,414	2,065
OK	656	652	0	1,018	460	40	22,829	36,178	562
OR	1,626	1,754	0	1,172	1,589	0	61,771	32,478	0
PA	10	366	0	46	667	0	5,658	39,609	261
PR	42	0	0	0	0	0	1,503	10	0
RI	0	0	0	0	0	0	1,153	2,653	10
SC	22,925	3,335	114	8,850	1,720	45	324,356	22,397	549
SD	0	111	10	0	77	0	29	5,490	10
TN	907	0	0	659	436	0	34,820	15,646	425
TX	3,077	885	1,189	4,080	1,059	54	226,008	56,183	1,243
UT	0	0	0	0	0	0	0	12	0
VT	0	78	0	20	103	0	471	22,490	240
VA	18,535	742	140	9,189	1,495	0	407,299	61,321	549
WA	282	1,494	0	294	3,058	0	48,767	16,872	20
WV	77	456	0	25	389	0	7,018	99,083	10
WI	300	0	0	305	0	107	35,777	35,356	4,854
WY	0	429	0	0	913	0	4	18,971	0
Total	106,666	21,706	2,459	81,579	18,322	1,559	3,575,576	1,394,099	35,566

¹ In 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.

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

Table 12-17.—Forestry Incentives Program: Participation and assistance, by States and Caribbean area, 1997 and 1998 fiscal years

State	1997					1998				
	Partici- pants	Area served	Assistance			Partici- pants	Area served	Assistance		
			Regular	Long term	Total assistance			Regular	Long term	Total assistance
	<i>Number</i>	<i>Acres</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Number</i>	<i>Acres</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
AL	62	1,983	105	.....	354,657	190	8,339	157	.....	560,498
AK	1	137	.....	.....	10,060	.....	.....	.....	.....	.....
AR	100	3,394	775	40	158,477	171	6,575	726	40	292,770
CA	18	90	246	.....	47,725	11	149	135	.....	50,772
CO	6	29	.....	.....	8,290	3	38	10	.....	12,362
CT	2	.....	12	.....	774	.....	.....	.....	.....	.....
DE	11	237	172	111	21,699	12	353	.....	343	29,241
FL	120	6,680	.....	.....	505,289	83	3,986	.....	.....	222,306
GA	635	19,440	4,344	.....	697,233	892	7,385	.....	.....	436,151
ID	7	184	.....	.....	35,133	7	140	.....	.....	15,991
IL	23	16	775	41	35,483	24	14	547	134	25,861
IN	55	15	1,228	.....	26,595	23	.....	1,181	.....	27,120
IA	21	20	40	.....	29,799	18	126	254	.....	37,480
KS .....	.....	.....	.....	.....	.....	2	.....	35	.....	728
KY	34	70	249	45	14,576	30	310	800	45	1,755
LA	164	6,720	102	205	402,960	174	7,238	447	160	323,616
ME	36	26	287	.....	24,120	14	19	127	.....	13,487
MD	29	223	385	.....	88,356	14	527	153	.....	25,637
MA	8	.....	67	14	4,130	13	60	81	75	19,136
MI	46	434	327	.....	21,877	100	500	42	.....	48,359
MN	36	606	170	219	37,363	102	191	110	104	32,502
MS	754	11,415	.....	.....	90,494	327	11,437	.....	.....	320,236
MO	14	10	306	57	12,862	19	107	233	20	15,714
MT	6	26	53	.....	5,542	6	5	46	.....	3,000
NE	2	10	10	.....	2,718	2	.....	30	.....	2,850
NH	21	.....	375	114	19,284	20	.....	170	228	15,470
NY	32	.....	379	.....	24,925	42	10	434	.....	31,555
NC	166	6,293	344	95	280,834	216	8,180	447	124	340,000
OH	36	171	653	65	48,192	60	232	191	40	38,432
OK	16	656	652	.....	48,326	51	1,018	460	40	60,900
OR	100	1,626	1,754	.....	250,807	73	1,172	1,589	.....	203,836
PA	14	10	366	.....	22,385	29	46	667	.....	25,346
PR	3	42	.....	.....	13,854	.....	.....	.....	.....	-
SC	489	22,925	3,335	114	767,844	375	8,850	1,720	45	540,000
SD	6	.....	111	10	8,454	5	.....	77	.....	5,694
TN	16	907	.....	.....	65,963	17	659	436	.....	56,554
TX	334	3,077	885	1,189	415,124	332	4,080	1,059	54	166,234
VT	8	.....	78	.....	6,183	9	20	103	.....	9,033
VA	375	18,535	742	140	392,244	204	9,189	1,495	.....	218,969
WA	57	282	1,494	.....	127,172	100	294	3,058	.....	198,598
WV	27	77	456	.....	16,507	27	25	389	.....	16,797
WI	34	300	.....	.....	74,839	59	305	.....	107	61,766
WY	29	.....	429	.....	43,257	21	.....	913	.....	45,191
Total	3,953	106,665	21,706	2,459	5,262,406	3,877	81,579	18,322	1,559	4,551,947

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

Table 12-18.—Soil conservation districts: Funds appropriated by State and local governments for conservation programs, fiscal year ending Sept. 30, 1998

State or Territory	Actual appropriations <i>1,000 dollars</i>	State or Territory	Actual appropriations <i>1,000 dollars</i>
AK	466	NE	60,929
AL	8,248	NH	736
AR	13,840	NJ	83,430
AZ	2,995	NM	3,358
CA	82,565	NV	8,793
CO	7,960	NY	34,630
CT	4,655	OH	27,291
DE	14,095	OK	16,888
FL	9,809	OR	4,466
GA	5,910	PA	70,530
HI	2,458	Pacific Basin ¹	353
IA	17,254	Caribbean ²	7,561
ID	10,307	RI	2,951
IL	15,148	SC	3,845
IN	12,542	SD	2,449
KS	6,687	TN	6,819
KY	20,908	TX	17,195
LA	3,916	UT	85,704
MA	9,338	VA	11,409
MD	43,313	VT	7,971
ME	2,888	WA	31,418
MI	15,029	WI	40,023
MN	48,119	WV	10,867
MO	35,374	WY	3,782
MS	5,680		
MT	2,231		
NC	24,464	Total	975,359
ND	5,759		

¹ Pacific Basin includes Guam and Northern Marianas.² Caribbean includes Puerto Rico and Virgin Islands.

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

Table 12-19.—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
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
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, Resource Conservation and Community Development Division, (202) 720-4072.

Table 12-20.—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	Farms (and ranches)
	<i>Number</i>	<i>1,000 acres</i>	<i>Thousands</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 12-21.—Soil surveys: Total area mapped for resource planning and other uses under all programs, by States and Territories, year ending Sept. 30, 1997, and cumulative through Sept. 30, 1997

State or Territory	Progressive Soil Survey Program ¹			State or Territory	Progressive Soil Survey Program ¹		
	Work during year ending Sept. 30, 1997		Total to date		Work during year ending Sept. 30, 1997		Total to date
	Acres mapped	Acres updated	Acres		Acres mapped	Acres updated	Acres
AL	195,965	0	29,833,170	NH	44,712	33,385	5,368,323
AK	1,229,754	55,500	43,378,999	NJ	0	57,542	4,861,100
AZ	494,324	0	48,433,941	NM	111,116	245,591	69,505,796
AR	108,177	90,770	33,549,714	NY	87,013	33,538	29,027,579
CA	643,798	48,540	75,833,064	NC	227,698	123,494	30,858,335
CO	403,285	44,620	63,956,718	ND	68,933	120,534	44,777,670
CT	0	96,900	3,211,700	OH	0	366,716	26,414,944
DE	0	26,755	1,308,500	OK	0	173,045	44,771,700
FL	16,079	0	34,654,874	OR	163,528	140,880	38,414,855
GA	114,625	320,898	35,074,818	PA	0	95,000	28,997,200
HI	0	107,780	4,042,820	PB ²	0	0	545,032
ID	170,918	104,727	35,916,047	PR ³	0	22,532	2,333,800
IL	0	1,499,790	36,060,840	RI	0	0	775,900
IN	0	107,320	23,158,600	SC	0	138,890	19,912,100
IA	0	448,677	36,016,200	SD	0	59,680	49,354,542
KS	0	168,890	52,657,500	TN	242,392	274,910	26,053,280
KY	0	211,184	25,815,272	TX	310,186	1,695,596	163,121,094
LA	0	338,548	30,561,000	UT	30,000	66,300	47,410,853
ME	179,691	115,211	16,964,522	VT	38,060	0	5,127,785
MD	0	204,500	6,695,000	VA	364,141	0	23,399,558
MA	0	60,316	5,301,800	WA	284,500	0	38,480,519
MI	541,417	51,173	34,549,064	WV	176,790	216,950	14,587,956
MN	467,800	421,123	44,958,485	WI	239,229	307,057	32,729,947
MS	60,473	0	28,433,611	WY	677,991	36,439	45,460,315
MO	833,890	207,416	40,820,836				
MT	1,362,287	44,500	80,645,640				
NE	30,640	269,280	49,945,701				
NV	116,790	35,000	59,830,270	Total	10,036,202	9,287,497	1,773,898,889

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 Taroa, 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 12-22.—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 12-23.—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	1	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	30	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	45	74	700	17	52	7,419
WI	371,277	4,251	359,287	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 12-24.—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.

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

Table 12-25.—Interim EQIP/GPCP¹: Status of cost-share contracts, by States, year ending Sept. 30, 1997²

State	Designated counties	Active land treatment contracts in operation	
		1997	1997
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>
CO	38	114	335.0
KS	62	122	92.3
MT	46	35	384.4
NE	65	21	68.2
NM	27	25	634.8
ND	48	108	192.6
OK	44	110	56.7
SD	51	44	162.6
TX	156	219	668.2
WY	19	46	387.0
Total	556	844	2,981.8

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 12-26.—Great Plains Conservation Program: Status of cost-share contracts, by States, year ending Sept. 30, 1997¹

State	Designated counties	Active land treatment contracts in operation	
		1997	1997
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>
CO	38	348	1,027.3
KS	62	732	497.8
MT	46	222	1,317.3
NE	65	280	756.8
NM	27	190	2,936.9
ND	48	422	778.1
OK	44	480	339.5
SD	51	446	1,607.0
TX	156	655	1,350.3
WY	19	195	1,847.4
Total	556	3,970	12,458.4

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

Table 12-27.—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 12-28.—Small watershed protection and flood prevention projects: Accomplishments for years ending Sept. 30, 1993-97

Item	Unit of measure	1993	1994	1995	1996	1997
Small watershed protection: ¹						
Land treatment: ²						
Forest land	Acres	38,322	16,806	1,905	2,193	8,402
Cropland .....	.....do	501	626	0	1,160	741
Pastureland .....	.....do	170	28	7,284	45	88
Total land treatment .....	.....do	38,993	17,460	9,189	3,398	9,233
Land owners assisted	Number	3,534	1,483	1,465	1,348	1,186
Flood prevention: ³						
Land treatment: ²						
Forest land	Acres	2,196	6,335	63,028	8,682	6,541
Cropland .....	.....do .....	.....	.....	575	1,668	20
Pastureland .....	.....do .....	.....	40	83	92	78
Total land treatment .....	.....do	2,196	6,375	63,686	10,442	6,639
Land owners assisted	Number	1,452	1,528	2,461	2,265	1,183

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 12-29.—Tree planting: Acres seeded and acres of tree planting, in States and Territories, fiscal year 1997

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	296,072	2,183	1,604	579	3,569	290,320
AK	2,796	796	781	15	1,450	550
AZ	1,077	710	710	0	0	367
AR	109,599	5,591	4,091	1,500	450	103,558
CA	77,562	36,812	36,812	0	350	40,400
CO	6,874	721	709	12	259	5,894
CT	250	0	0	0	0	250
DE	1,861	0	0	0	2	1,859
FL	192,840	6,945	2,973	3,972	3,272	182,623
GA	396,726	3,458	1,029	2,429	3,272	389,996
HI	539	0	0	0	70	469
ID	33,399	20,108	20,108	0	3,533	9,758
IL	7,116	285	200	85	0	6,831
IN	2,921	541	0	541	0	2,380
IA	6,017	0	0	0	0	6,017
KS	1,809	0	0	0	25	1,784
KY	8,942	614	589	25	195	8,133
LA	144,083	1,043	847	196	1,915	141,125
ME	0	0	0	0	0	0
MD	8,460	0	0	0	320	8,140
MA	7	0	0	0	1	6
MI	9,377	3,377	3,377	0	3,000	3,000
MN	18,326	2,845	1,845	1,000	6,062	9,419
MS	281,712	7,776	6,273	1,503	46,008	227,928
MO	1,445	337	317	20	0	1,108
MT	20,965	12,217	12,217	0	351	8,397
NE	3,897	0	0	0	217	3,680
NV	479	0	0	0	4	475
NH	11	11	11	0	0	0
NJ	681	0	0	0	55	626
NM	729	729	729	0	0	0
NY	1,962	0	0	0	0	1,962
NC	113,978	1,328	747	581	1,365	111,285
ND	2,712	0	0	0	16	2,696
OH	6,613	67	67	0	16	6,530
OK	13,825	50	0	50	160	13,615
OR	132,528	41,583	41,583	0	2,648	88,297
PA	13,598	191	191	0	578	12,829
RI	28	0	0	0	10	18
SC	165,761	2,748	1,164	1,584	7,374	155,639
SD	3,604	0	0	0	105	3,499
TN	7,205	716	606	110	342	6,147
TX	107,813	646	496	150	-	107,167
UT	2,132	1,242	1,242	0	448	442
VT	287	232	232	0	10	45
VA	90,691	1,076	333	743	0	89,615
WA	151,338	15,338	14,862	476	15,000	121,000
WV	1,545	110	110	0	10	1,425
WI	26,685	835	835	0	3,350	22,500
WY	1,238	1,228	1,228	0	-	10
State totals	2,480,115	174,489	158,918	15,571	105,812	2,199,814
PR	351	0	0	0	2	349
Other ⁴	241	0	0	0	113	128
Total	2,480,707	174,489	158,918	15,571	105,927	2,200,291

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.

Table 12-30.—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
	<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>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
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

¹ Data may not add to totals because of rounding. ² Forest 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. ³ Timberland 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. ⁴ Includes Indian lands. ⁵ Includes Hawaii.

No update available until 1999.

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

Table 12-31.—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
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
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

¹ Data may not add to totals because of rounding. ² 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 Live 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. ⁴ Includes Hawaii.

No update available until 1999.

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

Table 12-32.—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 salvageable 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 12-33.—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 12-34.—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 12-35.—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	33,396	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 1999.
 FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-36.—National Forest System: National Forest System lands and other lands in States and Territories, Sept. 30, 1997

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	1,290	665	625	NV	6,285	5,824	461
AK	24,271	21,969	2,302	NH	827	725	102
AZ	11,889	11,252	637	NM	10,367	9,327	1,040
AR	3,530	2,577	953	NY	16	16	0
CA	24,424	20,647	3,777	NC	3,169	1,244	1,925
CO	16,058	14,508	1,550	ND	1,106	1,106	.....
CT	0	0	0	OH	841	227	614
FL	1,418	1,147	271	OK	555	392	163
GA	1,847	865	982	OR	17,503	15,656	1,847
HI	0	0	0	PA	743	513	230
ID	21,688	20,461	1,227	SC	1,376	612	764
IL	846	278	568	SD	2,272	2,013	259
IN	647	196	451	TN	1,215	634	581
KS	116	108	8	TX	1,994	755	1,239
KY	2,110	693	1,417	UT	9,203	8,113	1,090
LA	1,025	604	421	VT	827	366	461
ME	93	53	40	VA	3,230	1,657	1,573
MI	4,898	2,857	2,041	WA	10,074	9,177	897
MN	5,477	2,837	2,640	WV	1,870	1,033	837
MS	2,312	1,158	1,154	WI	2,025	1,521	504
MO	3,064	1,494	1,570	WY	9,693	9,248	445
MT	19,116	16,877	2,239	PR	56	28	28
NE	442	352	90	VI	0	0	0
				Total	231,808	191,785	40,023

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 Reservation 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.

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

Table 12-37.—Forest products cut on National Forest System lands: Volume and value of timber cut and value of all products, United States, fiscal years 1988-97

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>
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
1997	3,285	497,957	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 12-38.—National Forest System lands: Receipts, United States and Puerto Rico, fiscal years 1988–97

Year ¹	From the use of timber ²	From the use of grazing	From special land uses, water power, etc.	Total ²
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
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
1997	197,194	6,972	80,588	284,754

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

Table 12-39.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, fiscal years 1995–97^{1 2}

State or other areas	1995	1996	1997	State or other areas	1995	1996	1997
	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars
AL	1,468	2,050	964	NH	485	510	440
AK	7,601	5,906	1,187	NM	1,103	653	923
AZ	3,182	1,632	2,215	NY	6	6	6
AR	4,938	6,648	5,954	NC	942	692	654
CA	43,046	36,158	33,963	ND	(3)	(3)	(3)
CO	5,584	5,956	4,388	OH	16	11	16
FL	1,334	1,066	1,000	OK	644	883	1,017
GA	759	908	697	OR	109,647	95,239	92,243
ID	15,031	17,458	14,267	PA	5,362	6,207	5,998
IL	33	28	17	SC	1,359	960	1,292
IN	14	7	26	SD	2,840	2,350	3,814
KY	311	494	433	TN	442	319	440
LA	2,175	2,736	2,949	TX	2,893	4,337	2,264
ME	33	35	30	UT	1,553	1,831	1,599
MI	2,505	2,384	2,759	VT	97	257	226
MN	2,977	3,179	2,922	VA	178	822	790
MS	7,224	8,276	4,919	WA	30,089	29,429	28,425
MO	1,170	1,232	1,149	WV	1,404	1,861	1,624
MT	10,556	9,383	8,558	WI	1,328	1,621	1,861
NE	37	31	32	WY	1,881	1,844	1,849
NV	322	299	388	PR	15	21	23
				Total	273,484	255,719	234,321

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, RUW-4851, (608) 231–9376.

Table 12-40.—Livestock on National Forest System lands: Number grazed and grazing receipts, United States, 1988–97

Year	Number grazed ¹		Receipts from grazing ²
	Cattle, horses, and burros	Sheep and goats	
	Thousands	Thousands	1,000 dollars
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
1997	1,225	932	6,972

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

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

Table 12-41.—Livestock on National Forest System lands: Number grazed and grazing receipts for fiscal year 1997, by States

State or other area	Head months ¹		Receipts from grazing, 1992 ²
	Cattle, horses, and burros	Sheep and goats	
	<i>Number</i>	<i>Number</i>	<i>Dollars</i>
AL	303	0	618.80
AZ	794,912	88,730	1,647,141.56
AR	11,467	0	39,044.80
CA	330,105	146,392	592,633.14
CO	643,053	445,716	1,310,956.54
FL	1,044	0	18,885.00
GA	5,540	0	8,080.13
ID	448,138	546,942	977,513.91
IL	101	0	166.63
KS	34	0	0.00
KY	36,580	0	25,700.98
LA	8,018	0	25,718.78
MI	1,752	0	1,557.46
MN	41	0	136.41
MS	2,213	0	3,426.08
MO	26,850	0	27,154.21
MT	430,959	49,374	820,928.80
NE	90,961	0	158,367.34
NV	174,347	166,744	402,126.96
NM	639,877	59,079	1,235,863.58
NY	7,751	0	56.79
ND	389,671	0	443,840.30
OH	709	0	961.38
OK	19,934	0	28,620.18
OR ³	338,005	99,126	618,786.04
SD	341,585	19,503	547,594.81
TX	32,544	0	97,788.34
UT	336,877	513,261	836,937.32
VT	108	0	0.00
VA	8,160	0	10,694.21
WA	66,825	37,004	169,044.36
WV	5,728	321	18,585.00
WY	427,005	360,103	709,486.02
National forests	5,621,197	2,532,295	9,464,412.41
National grasslands and land utilization project land .....	.....	.....	1,314,322.64
Total	5,621,197	2,532,295	10,778,735.05

¹ A head month is the billing unit for permitted grazing and is equal to 1 month's occupancy. ² 1992 is the most recent year for which grazing receipts by state are available. ³ 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 12-42.—Timber prices: Average stumpage prices for sawtimber sold from national forests, by selected species, 1988–97

Year	Douglas-fir ¹	Southern pine ²	Ponderosa pine ³	Western hemlock ⁴	All eastern hardwoods ⁵	Oak, white, red, and black ⁶	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>
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
1997	331.40	307.30	270.20	211.30	286.88	264.50	357.12

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 12-43.—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 12-44.—Timber products: Production, imports, exports, and consumption, United States, 1988–97¹

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>
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	
1996	7,028	2,615	471	9,172	1,284	122	87	1,319	5,796	1,262	925	6,133	
1997	7,103	2,620	602	9,122	1,211	114	103	1,222	5,859	1,307	926	6,241	

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>
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
1996	500	18	422	416	15,446	4,071	2,321	17,196	3,420	18,866	20,616
1997	485	20	329	422	15,409	4,109	2,382	17,137	3,483	18,892	20,620

¹ Data may not add to totals because of rounding. ² Includes both pulpwood and the pulpwood equivalent of woodpulp, paper, and board. ³ Roundwood equivalent. ⁴ Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle bolts, and miscellaneous items.

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

Table 12-45.—Lumber: Production, United States, 1988–97

Year	Total	Softwoods	Hardwoods
	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>
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	46,778	33,932	12,846
1997	47,400	34,500	12,900

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

Table 12-46.—Timber products: Pulpwood consumption, woodpulp production, and paper and board production and consumption, United States, 1988–97¹

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>
1988	94,495	63,798	78,299	85,718	700
1989	98,287	62,598	78,573	85,373	690
1990	98,154	63,649	80,445	86,796	695
1991	97,605	64,237	81,234	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
1997	90,120	64,254	95,127	99,637	744

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 12-47.—Timber products: Producer price indexes, selected products, United States, 1988–97
[1982=100]**

Year	Lumber	Softwood plywood	Woodpulp	Paper	Paperboard
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
1997	123.7	119.3	107.2	116.8	107.7

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 12-48.—Timber products: Structural panels, LVL, and lumber production, United States, 1988–97

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>
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	60.8
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	56.0
1994	0.79	6.67	16.87	2.21	26.0	58.0
1995	0.98	6.99	17.14	1.96	29.3	54.8
1996	1.12	8.24	16.98	2.17	30.2	57.7
1997	1.08	9.32	15.90	2.45	30.4	58.7

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.