

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 by Practice,
March 1986–December 1999**
(CP 1 and CP 2)

State	CP 1 Establishment of permanent introduced grasses and legumes			CP 2 Establishment of permanent native grasses		
	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated
Alabama	21,367	1,185,002	55.45	2,442	126,556	51.82
Alaska	6,668	490,893	73.62			
Arizona				33	0	0.00
Arkansas	8,541	369,019	43.21	929	78,639	84.68
California	4,144	73,907	17.84	279	7,610	27.28
Colorado	58,395	2,217,653	37.98	462,882	24,654,882	53.26
Connecticut	70	7,091	100.87	34	3,630	105.83
Delaware	39	3,317	85.05			
Florida	1,243	57,590	46.32	5	335	67.00
Georgia	3,328	204,567	61.47	341	28,798	84.40
Hawaii						
Idaho	158,912	5,289,831	33.29	6,373	246,415	38.67
Illinois	248,667	10,085,080	40.56	18,435	968,271	52.52
Indiana	98,625	5,726,336	58.06	17,644	1,067,858	60.52
Iowa	419,365	14,812,593	35.32	80,250	4,272,968	53.25
Kansas	29,792	868,433	29.15	690,351	16,960,507	24.57
Kentucky	80,053	4,991,955	62.36	17,380	1,613,890	92.86
Louisiana	2,054	86,677	42.21	1,642	68,485	41.72
Maine	2,053	270,024	131.50	112	13,681	121.72
Maryland	7,857	1,004,644	127.86	1,895	374,345	197.53
Massachusetts						
Michigan	105,313	3,339,735	31.71	7,942	361,878	45.57
Minnesota	288,826	11,525,821	39.91	127,060	8,393,480	66.06
Mississippi	21,612	807,946	37.38	274	19,907	72.65
Missouri	427,870	16,596,382	38.79	156,565	8,775,401	56.05
Montana	764,904	14,926,585	19.51	709,432	22,930,694	32.32
Nebraska	76,654	1,529,258	19.95	292,499	9,308,756	31.82
Nevada						
New Hampshire	10	1,200	120.00			
New Jersey	993	159,079	160.20	455	86,601	190.54
New Mexico	1,024	28,604	27.95	187,568	7,747,064	41.30
New York	7,380	628,254	85.14	933	83,870	89.85
North Carolina	6,791	470,151	69.23	1,108	81,592	73.63
North Dakota	427,899	7,888,629	18.44	22,283	793,694	35.62
Ohio	121,914	6,117,377	50.18	16,807	986,467	58.70
Oklahoma	39,247	1,408,971	35.90	359,976	16,467,374	45.75
Oregon	97,763	2,463,590	25.20	17,664	505,864	28.64
Pennsylvania	10,536	779,627	74.00	1,037	76,847	74.13
Puerto Rico	118	19,450	164.83			
Rhode Island						
South Carolina	1,397	97,761	69.97	40	4,656	116.11
South Dakota	190,534	5,372,138	28.20	185,714	7,727,941	41.61
Tennessee	55,711	3,146,917	56.49	9,997	710,492	71.07
Texas	208,115	7,841,609	37.68	1,575,182	72,186,301	45.83
Utah	53,472	1,683,403	31.48	12,858	533,489	41.49
Vermont	6	750	125.00			
Virginia	7,289	390,813	53.62	2,352	164,018	69.74
Washington	179,979	8,151,733	45.29	317,919	27,122,882	85.31
West Virginia	10	500	49.02	22	1,053	47.01
Wisconsin	77,253	3,559,764	46.08	48,461	3,372,489	69.59
Wyoming	59,605	1,905,907	31.98	6,944	227,312	32.73
United States, total	4,383,397	148,586,566	33.90	5,362,119	239,156,992	34.42

Note: Total acres treated 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–December 1999
(CP 3 and CP 4)**

State	CP 3 Tree planting			CP 4 Permanent wildlife habitat		
	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated
Alabama	137,916	9,321,362	67.59	7,979	42,377	5.31
Alaska						
Arizona						
Arkansas	37,205	2,300,626	61.84	3,196	121,445	38.00
California	67	2,350	35.07	956	101,900	106.63
Colorado	13	4,294	330.31	205,408	13,269,320	64.60
Connecticut						
Delaware	83	34,342	415.76	1,292	169,499	131.23
Florida	28,536	1,027,154	36.00	3,340	95,016	28.45
Georgia	145,862	9,592,452	65.76	7,005	236,753	33.80
Hawaii						
Idaho	2,527	287,157	113.64	115,114	3,007,912	26.13
Illinois	42,354	2,918,948	68.92	80,305	2,505,646	31.20
Indiana	19,181	2,822,402	147.14	8,740	705,068	80.68
Iowa	19,363	3,744,887	193.41	283,293	11,010,929	38.87
Kansas	745	79,766	107.05	16,530	664,693	40.21
Kentucky	5,135	515,251	100.35	499	37,941	75.97
Louisiana	95,875	7,111,633	74.18	2,818	186,127	66.05
Maine	265	31,092	117.46	808	32,762	40.54
Maryland	1,032	139,695	135.42	1,459	224,658	154.00
Massachusetts						
Michigan	13,275	1,273,808	95.96	21,184	874,916	41.30
Minnesota	47,016	5,172,117	110.01	330,974	21,774,588	65.79
Mississippi	282,245	12,655,491	44.84	9,272	279,518	30.15
Missouri	26,067	2,831,101	108.61	4,536	244,240	53.85
Montana	225	51,172	227.84	29,068	996,544	34.28
Nebraska	3,040	235,504	77.48	48,673	1,665,667	34.22
Nevada				151	4,100	27.10
New Hampshire						
New Jersey	214	19,906	93.24	23	5,199	229.03
New Mexico	80	2,120	26.50			
New York	1,976	259,849	131.54	361	28,531	79.10
North Carolina	14,354	543,997	37.90	2,774	251,413	90.62
North Dakota	718	159,523	222.33	546,053	12,941,951	23.70
Ohio	8,280	926,155	111.86	16,454	445,899	27.10
Oklahoma	835	50,738	60.74	3,166	185,971	58.75
Oregon	2,029	160,129	78.94	9,311	513,406	55.14
Pennsylvania	756	91,636	121.20	348	37,313	107.16
Puerto Rico	83	13,288	160.10			
Rhode Island						
South Carolina	48,568	2,094,064	43.12	11,741	334,019	28.45
South Dakota	1,002	244,652	244.14	94,045	4,714,930	50.13
Tennessee	12,122	713,855	58.89	5,157	274,642	53.26
Texas	5,341	249,490	46.71	31,899	1,471,750	46.14
Utah						
Vermont						
Virginia	4,099	182,326	44.48	967	62,950	65.10
Washington	1,401	283,458	202.37	179,281	17,661,919	98.52
West Virginia	135	6,980	51.90			
Wisconsin	66,243	8,983,665	135.62	8,065	624,294	77.41
Wyoming	12	14,755	1,250.42	28,926	528,141	18.26
United States, total	1,076,266	77,153,190	71.69	2,121,169	98,333,947	46.36

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–December 1999
(CP 5, CP 6 and CP 7)**

State	CP 5 Establishment of field windbreaks			CP 6 Diversions I			CP 7 Erosion control structures		
	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated
AL				4	4,407	1,224.17	5	6,467	1,293.40
AK									
AZ									
AR							3	2,374	791.33
CA									
CO	321	141,810	441.50				226	2,731	12.09
CT									
DE									
FL									
GA							8		
HI	1	800	800.00						
ID	32	34,641	1,099.71				4	7,000	1,666.67
IL	828	198,042	239.18	17	17,082	1,016.79	59	69,414	1,176.51
IN	498	85,025	170.70	0	764	1,910.00	12	26,566	2,142.42
IA	1,430	262,784	183.83	11	5,720	544.76	14	17,559	1,272.39
KS	344	115,356	335.63	38	13,033	341.18	135	14,398	106.34
KY				1	3,600	6,000.00	4	17,867	4,060.68
LA				5	476	95.20	2	200	100.00
ME									
MD	0	1,375	3,437.50	7	276	39.43	8	12,338	1,561.77
MA									
MI	86	33,618	392.73	5	4,450	988.89	11	25,350	2,263.39
MN	1,737	307,011	176.71				1	2,500	5,000.00
MS				3	3,500	1,166.67	1	2,175	1,977.27
MO	53	3,675	69.21	570	67,091	117.66	201	65,845	326.94
MT	175	71,913	410.93						
NE	1,410	318,569	225.89				11	1,147	106.20
NV									
NH							0	700	2,333.33
NJ	0	330	1,100.00	5	750	166.67			
NM									
NY	7	5,441	766.34						
NC	2	217	120.56						
ND	1,508	414,851	275.06	10	437	43.70			
OH	261	62,376	238.71				2	5,750	3,833.33
OK	5	1,055	199.06	39	10,950	279.34			
OR									
PA	4	430	100.00	8	6,428	845.79	1	919	919.00
PR									
RI									
SC	7	142	19.19						
SD	3,055	1,086,042	355.52						
TN				5	1,955	375.96	18	35,845	2,002.51
TX				32	1,855	57.79	4	110	27.50
UT									
VT	5	1,010	202.00						
VA	3	117	39.00						
WA	12	6,703	568.05				4	2,595	632.93
WV									
WI	97	10,522	108.47	1	1,390	1,985.71	2	11,505	6,767.65
WY	15	12,124	819.19	146					
US	11,897	3,175,979	266.96	905	144,164	17,199.70	736	331,355	40,373.66

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 12-4.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–December 1999 (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		
	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated
AL	51	10,480	205.89	25	11,062	451.51	117,590		
AK							23,370		
AZ									
AR				371	6,061	16.33	29,033		
CA				1,230	38,231	31.09	119,114		
CO	533	80,431	150.82	28	3,296	118.14	1,356,736		
CT							131		
DE	2	2,390	1,593.33	177	481,985	2,729.25	57		
FL							2,135		
GA	74	39,774	535.32	26	23,614	926.04	7,876		
HI									
ID	15	9,197	601.11	60	36,181	607.06	501,128		
IL	9,188	8,390,640	913.27	1,455	457,605	314.44	204,693		
IN	3,183	5,337,419	1,676.75	592	291,448	492.48	84,344		
IA	7,725	3,638,716	471.03	7,349	1,221,022	166.15	564,555		
KS	1,790	432,930	241.85	175	21,132	121.03	1,693,873		
KY	645	405,718	629.51	583	203,150	348.70	146,439		
LA				81	2	0.02	19,319		
ME	0	338	3,380.00				20,450		
MD	97	236,260	2,430.66	494	532,778	1,078.06	4,642		
MA	1	5	5.00	0			23		
MI	204	132,560	648.85	253	124,479	492.01	111,021		
MN	399	249,449	625.03	615	67,093	109.11	297,391		
MS	56	1,711	30.34	316	3,368	10.67	132,165		
MO	315	115,650	367.73	811	93,926	115.84	762,474		
MT	61	656	10.79				1,474,398		
NE	403	97,656	242.08	97	21,501	222.35	565,100		
NV									
NH									
NJ	6	16,791	2,895.00				445		
NM							404,017		
NY	11	18,682	1,668.04	71	15,661	219.96	40,892		
NC	23	10,671	470.09	1,208	421,679	349.19	17,812		
ND	48	14,789	309.39	35	730	20.80	1,339,810		
OH	1,556	2,821,902	1,814.03	498	257,893	518.27	91,018		
OK	74	14,512	195.05	50			581,076		
OR	66	38,894	592.90	17	8,267	495.03	286,298		
PA	54	91,859	1,707.42	19	30,199	1,623.60	52,928		
PR							351		
RI									
SC	24	27,839	1,140.94	364	390,081	1,071.36	12,250		
SD	347	87,347	252.00	148	30,056	203.00	477,577		
TN	5	966	185.77	9	1,651	179.46	130,117		
TX	394	43,538	110.53	18	4,597	259.72	2,072,544		
UT	6	252	40.00				123,326		
VT	1	1,595	1,595.00				116		
VA	10	6,897	690.00	67	21,000	314.84	14,155		
WA	152	49,022	322.09	33	23,481	711.55	347,689		
WV				2	1,000	500.00	771		
WI	190	241,507	1,269.09	2,433	344,536	141.62	342,330		
WY	9	940	110.59				182,678		
US	27,718	22,669,983	817.89	19,705	5,188,765	14,958.67	14,756,253		

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–December 1999
(CP 11, CP 12 and CP 13)**

State	CP 11 Vegetative-cover-trees- already established			CP 12 Wildlife food plots			CP 13 Filter strips		
	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated
AL	168,829			1,366			120	9,628	80.03
AK				20					
AZ									
AR	50,631			249			61	7,416	122.17
CA	23			239					
CO	281			650			6	12,729	2,121.50
CT									
DE	56			27					
FL	53,468			85				293	
GA	121,972			1,271			996	46,859	47.03
HI									
ID	1,967			842			6	2,427	411.36
IL	11,204			1,938			894	316,381	353.97
IN	5,744			427			517	149,180	288.72
IA	5,361			3,060			620	203,630	328.65
KS	1,263			3,426			182	59,101	324.02
KY	1,439			564			72	32,672	456.31
LA	37,945			720			36	1,675	46.79
ME	761			1					
MD	399			232			79	228,120	2,883.94
MA									
MI	5,335			1,723			27	41,940	1,541.91
MN	17,667			3,391			1,163	316,863	272.45
MS	315,443			4,184			467	26,483	56.66
MO	3,870			1,500			253	42,632	168.37
MT	1,081			1,747			15	1,283	86.11
NE	2,800			1,593			89	8,654	97.13
NV								175	
NH									
NJ	5			2				2,385	
NM	80			38					
NY	1,216			81			82	3,731	45.78
NC	38,755			44			37	6,295	168.77
ND	1,231			2,649			35	8,056	230.17
OH	4,625			484			159	59,368	372.68
OK	360			1,148			12	7,235	588.21
OR	1,339			108					
PA	574			49				270	
PR	121								
RI									
SC	104,616			1,059			1,716	89,469	52.13
SD	880			6,552			112	37,305	334.27
TN	16,131			119			209	25,524	121.95
TX	6,191			4,436				4,593	
UT				22					
VT									
VA	13,890			150			41	7,500	185.19
WA	806			193			18	26,439	1,510.80
WV	9			0					
WI	22,000			2,591			235	34,257	145.59
WY	77			157					
US	1,020,443	0	0.00	49,135	0	0.00	8,259	1,820,568	13,442.67

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–December 1999
(CP 14, CP 15 and CP 16)**

State	CP 14 Wetland trees			CP 15 Contour grass strips			CP 16 Shelter belts		
	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated
AL				155	101	0.65			
AK									
AZ									
AR									
CA									
CO				579	8,586	14.84	164	128,857	786.67
CT									
DE									
FL									
GA	4	178	44.50	29	1,702	59.51			
HI									
ID				13	504	40.00	41	47,470	1,169.21
IL				858	31,748	37.00	49	7,152	146.86
IN				80	4,099	51.56	12	2,389	200.76
IA				19,904	482,163	24.23	591	220,830	373.65
KS				2,700	57,071	21.14	68	22,514	333.54
KY									
LA	179	8,770	48.99						
ME									
MD				2	3,500	1,521.74			
MA									
MI				12	711	60.25	20	1,340	67.68
MN				236	12,616	53.39	1,047	257,468	245.84
MS				37					
MO				1,212	21,548	17.78	13	220	17.05
MT							20	6,597	324.98
NE				152	3,258	21.50	531	87,790	165.42
NV									
NH									
NJ									
NM									
NY									
NC							16	914	55.73
ND							983	315,182	320.80
OH	1	180	180.00	4	157	41.32	5	1,001	188.87
OK									
OR				17			2	710	308.70
PA				58	5,443	94.33			
PR									
RI									
SC				0	37	123.33			
SD				86	3,444	39.91	2,989	1,070,394	358.14
TN				3					
TX				154	7,871	51.28	24	9,212	388.69
UT									
VT									
VA									
WA				7,768	601,361	77.41	5	3,656	677.04
WV									
WI				289	11,141	38.58			
WY				1	166	207.50			
US	184	9,128	49.61	34,345	1,257,227	2,597.25	6,579	2,183,696	6,129.62

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–December 1999
(CP 17, CP 18 and CP 19)**

State	CP 17 Living snow fences			CP 18 Salt tolerant grasses			CP 19 Alley cropping		
	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated
AL									
AK									
AZ									
AR									
CA									
CO	33	34,462	1,047.48						
CT									
DE									
FL									
GA									
HI									
ID									
IL	4	441	107.56				20	660	33.00
IN	2	135	75.00						
IA	31	4,687	149.74						
KS	8	2,679	322.77	823	8,875	10.79			
KY									
LA									
ME									
MD									
MA									
MI									
MN	328	46,620	142.18	92	4,503	48.84			
MS									
MO							54	6,947	129.85
MT				143,401	1,431,487	9.98			
NE	49	4,381	89.77						
NV									
NH									
NJ									
NM									
NY									
NC									
ND	51	15,845	310.69	3,542	121,992	34.44			
OH	1	260	325.00						
OK	4			1,759	48,621	27.64			
OR									
PA									
PR									
RI									
SC									
SD	94	22,881	243.16	1,929	64,306	33.33			
TN									
TX				672	36,717	54.65			
UT									
VT									
VA	3	243	97.20						
WA				272	11,705	43.05			
WV									
WI	2	685	360.53				52	4,557	87.47
WY									
US	609	133,319	218.88	152,490	1,728,206	262.73	126	12,164	250.32

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–December 1999
(CP 20, CP 21 and CP 22)**

State	CP 20 Alternative perennials			CP 21 Filter strips			CP 22 Riparian buffer		
	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated
AL				317	12,716	40.18	1,288	104,688	81.26
AK									
AZ									
AR				1,100	40,813	37.10	1,900	105,464	55.50
CA							40	13,675	341.88
CO				328	11,723	35.73	59	61,299	1,038.97
CT				10	1,251	128.97	38	3,412	90.50
DE				465	62,774	135.03	15	6,429	422.96
FL							68	1,505	22.30
GA				428	7,763	18.14	354	99,121	279.77
HI							1	1,516	1,516.00
ID				198	32,022	161.89	1,107	132,428	119.58
IL				73,703	3,504,482	47.55	37,615	3,817,574	101.49
IN				18,196	1,358,656	74.67	1,140	186,356	163.51
IA				116,140	5,300,864	45.64	24,985	4,143,439	165.84
KS	5			9,890	412,328	41.69	3,185	84,291	26.47
KY				11,429	674,452	59.01	977	101,788	104.19
LA				230	4,008	17.42	237	19,102	80.77
ME				35	700	20.06	72	65,686	916.12
MD				8,821	1,470,723	166.73	2,811	636,835	226.53
MA				15	1,072	73.42	5	750	150.00
MI				6,775	314,894	46.48	281	20,552	73.06
MN				78,272	4,157,076	53.11	10,672	1,278,237	119.78
MS				2,303	63,889	27.74	9,829	443,751	45.15
MO				20,200	888,370	43.98	2,757	263,593	95.60
MT				42	303	7.15	548	34,868	63.59
NE				7,084	345,931	48.84	1,028	98,301	95.62
NV									
NH				162	2,554	15.76	5	2,433	528.91
NJ				53	12,635	237.05	11	3,151	283.87
NM									
NY				262	13,754	52.58	720	106,961	148.47
NC				1,862	351,233	188.66	2,254	155,917	69.19
ND				5,193	130,489	25.13	419	46,278	110.40
OH				15,611	737,213	47.22	602	110,983	184.51
OK				323	11,138	34.52	384	14,013	36.49
OR				1,302	53,881	41.38	1,396	360,989	258.68
PA				58	6,717	116.82	71	33,929	477.87
PR									
RI									
SC				3,505	43,536	12.42	17,907	470,581	26.28
SD				5,241	170,971	32.62	263	67,637	256.88
TN				2,597	57,443	22.12	391	23,082	58.99
TX				636	59,941	94.32	201	24,963	124.07
UT				9	812	93.33	17	2,922	171.88
VT				6	665	112.71	145	15,242	105.19
VA				243	18,078	74.55	822	398,990	485.33
WA				39,707	1,963,931	49.46	1,001	449,726	449.50
WV				7	600	88.24	39	10,463	266.23
WI				8,329	295,195	35.44	3,916	581,900	148.60
WY							363	41,740	114.86
US	5	0	0.00	441,083	22,597,596	51.23	131,938	14,646,560	111.01

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

XII-10 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Table 12-9.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–December 1999 (CP 23, CP 24 and CP 25)

State	CP 23 Wetland restoration			CP 24 Cross wind trap strips			CP 25 Rare and declining habitat		
	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated
AL	68	3,569	52.80				200		
AK									
AZ									
AR	11,298	354,891	31.41						
CA	4,901	111,762	22.80						
CO	609	85,234	139.93				40	4,750	118.75
CT									
DE									
FL									
GA	320	10,420	32.60						
HI									
ID	830	32,085	38.65						
IL	24,048	2,006,244	83.43	1	36	36.00			
IN	5,147	353,883	68.76				5		
IA	9,882	386,806	39.14	20			6,005	876,233	145.91
KS	3,956	83,457	21.10	46	2,354	51.29	63,486	2,310,225	36.39
KY	30	749	25.22						
LA	22,262	422,868	19.00						
ME									
MD	327	151,002	462.06						
MA									
MI	688	96,499	140.24						
MN	226,695	11,040,595	48.70	4	418	119.43	12,211	1,061,303	86.91
MS	11,106	302,932	27.28						
MO	3,169	145,269	45.84				13,686	1,046,788	76.49
MT	3,014	214,357	71.11	27	318	12.00	111,799	4,400,357	39.36
NE	13,752	249,172	18.12	41			35,120	1,975,756	56.26
NV									
NH									
NJ	1	1,500	1,500.00						
NM									
NY	49	11,405	234.19						
NC	16								
ND	739,438	10,280,116	13.90						
OH	1,858	180,340	97.08						
OK	959	17,312	18.05						
OR	219	17,722	81.03						
PA	6	500	80.65						
PR									
RI									
SC	284	4,391	15.48						
SD	362,264	9,969,673	27.52	4	147	40.83			
TN	636	9,965	15.66						
TX	6,129	180,728	29.49	99	1,033	10.39			
UT									
VT									
VA									
WA	2,212	215,702	97.52	14	1,220	89.71			
WV									
WI	9,684	536,214	55.37				2,245	373,778	166.47
WY				17	1,764	106.91			
US	1,465,855	37,477,362	25.57	270	7,290	466.55	244,798	12,049,190	726.54

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

Table 12-10.—Emergency Conservation Program: Participation and assistance, by State and Caribbean area, fiscal years 1990-99¹

Year	Emergency Conservation Program
	<i>1,000 dollars</i>
1990	12,469
1991	12,579
1992	9,532
1993	23,709
1994	35,825
1995	27,348
1996	26,867
1997	30,847
1998	20,533
1999	40,226

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

Table 12-11.—Forestry Incentives Program: Practices performed, by States and Caribbean area, 1999 and 2000 fiscal year and cumulative 1975–2000 ¹

State	1999			2000			Cumulative 1975–2000		
	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
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
AL	6,503	216	0	10,063	250	0	364,031	34,877	1,449
AK	10	29	15	20	0	0	168	44	8,707
AZ	0	0	0	0	0	0	13	1,807	0
AR	4,686	76	20	7,051	437	158	249,107	112,351	607
CA	75	75	19	194	508	213	10,474	12,070	232
CO	10	20	0	20	0	0	394	131	10
CT	0	0	0	0	0	0	12	7,854	0
DE	352	0	679	591	135	164	11,317	4,296	1,297
FL	7,665	11	0	11,900	0	0	341,635	360	233
GA	9,946	0	0	13,615	0	0	388,673	27,584	1,481
HI	0	0	0	22	0	0	272	0	0
ID	95	27	0	217	113	0	3,019	4,047	32
IL	36	287	19	14	699	0	133	40,968	397
IN	80	1,328	0	35	882	0	4,245	88,652	960
IA	20	162	0	0	296	0	3,461	10,063	31
KS	0	77	0	6	177	0	457	5,178	0
KY	192	363	248	117	395	10	5,241	58,606	1,961
LA	4,251	1,173	2,774	2,386	335	0	235,206	47,573	6,440
ME	0	504	0	0	253	0	6,878	21,438	10
MD	1,165	495	0	2,021	762	0	34,825	18,601	121
MA	0	339	20	5	120	10	703	38,012	220
MI	326	179	0	405	249	0	30,855	38,388	25
MN	226	60	88	371	147	47	18,251	13,917	1,671
MS	12,976	0	0	22,201	0	0	410,826	31,732	245
MO	15	586	61	25	522	100	12,235	85,751	392
MT	23	91	0	45	437	0	341	5,549	117
NE	0	61	0	6	20	0	569	129	0
NV	0	223	0	0	0	0	526	273	0
NH	18	333	15	18	389	3	272	31,565	1,367
NJ	10	5	0	25	10	0	45	12,290	20
NM	0	0	0	0	0	0	65	7,341	0
NY	0	297	0	0	305	0	81	68,011	120
NC	4,072	720	14	7,033	1,928	8	380,832	28,443	1,308
ND	0	0	0	0	0	0	207	141	0
OH	730	592	60	797	81	0	15,429	89,087	2,125
OK	540	185	0	1,937	429	0	25,306	36,792	562
OR	1,282	2,228	0	631	1,732	0	63,684	36,438	0
PA	108	631	75	164	269	15	5,930	40,509	351
PR	0	0	0	15	0	0	1,518	10	0
RI	0	0	0	0	0	0	1,153	2,653	10
SC	7,700	1,965	0	14,258	4,268	9,404	346,314	28,630	9,953
SD	0	135	0	0	102	0	29	5,727	10
TN	390	773	0	477	377	0	35,687	16,796	425
TX	6,828	217	0	5,480	1,800	0	238,316	58,200	1,243
UT	0	0	0	0	0	0	0	12	0
VT	0	121	10	0	75	0	471	22,686	250
VA	10,905	936	13	12,956	1,481	20	431,160	63,738	582
WA	422	2,536	0	981	1,938	0	50,170	21,346	20
WV	63	669	0	34	662	10	7,115	100,414	20
WI	452	150	52	897	317	118	37,126	35,823	5,024
WY	0	985	0	0	809	0	4	20,765	0
Total	82,172	19,860	4,182	117,026	23,709	10,280	3,774,774	1,437,668	50,028

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.

XII-12 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Table 12-12.—Forestry Incentives Program: Participation and assistance, by States and Caribbean area, 1999 and 2000 fiscal years

State	1999			2000		
	Number of participants	Area served	Cost share paid	Number of participants	Area served	Cost share paid
	<i>Number</i>	<i>Acres</i>	<i>Dollars</i>	<i>Number</i>	<i>Acres</i>	<i>Dollars</i>
AL	162	6,719	412,193	216	10,313	539,005
AK	3	54	10,416	1	20	3,478
AR	161	4,782	180,746	214	7,646	334,115
CA	6	169	25,013	41	915	135,420
CO	3	30	6,469	2	13	5,860
DE	23	1,031	49,412	20	890	30,041
FL	211	7,676	443,954	212	11,900	1,189,477
GA	1,324	9,946	592,007	393	13,615	614,583
HI	0	0	0	2	22	11,230
ID	10	122	17,215	17	330	32,310
IL	14	342	18,179	18	713	24,122
IN	42	1,408	43,240	19	917	25,420
IA	5	182	15,352	9	296	18,616
KS	2	77	3,509	6	183	6,338
KY	21	803	30,845	20	522	27,191
LA	140	8,198	265,180	54	2,721	122,737
ME	51	504	15,967	27	253	20,367
MD	34	1,660	61,942	63	2,783	99,497
MA	21	359	18,421	8	135	7,510
MI	32	505	59,748	43	654	66,582
MN	78	374	25,638	15	565	43,420
MS	469	12,976	397,607	676	22,201	1,053,349
MO	21	662	18,594	31	647	20,245
MT	8	114	19,545	17	482	57,000
NE	5	61	5,341	4	26	3,599
NV	2	223	2,983	0	0	0
NH	21	366	19,453	22	410	23,290
NJ	2	15	2,983	11	35	5,579
NY	21	297	20,715	24	305	21,125
NC	126	4,806	180,883	251	8,969	387,304
OH	190	1,382	119,147	76	878	97,534
OK	15	725	35,040	37	2,366	115,013
OR	107	3,510	263,384	68	2,363	171,005
PA	46	814	38,464	33	448	22,298
PR	0	0	0	1	15	2,880
SC	370	9,665	562,700	416	27,930	592,992
SD	8	135	12,448	7	102	10,073
TN	16	1,163	49,229	13	854	45,110
TX	661	7,045	348,014	363	7,280	220,758
VT	10	131	5,774	5	75	4,960
VA	290	11,854	325,072	332	14,457	557,658
WA	171	2,958	185,479	110	2,919	249,956
WV	33	732	18,032	41	706	22,578
WI	163	654	74,849	91	1,332	131,024
WY	30	985	43,458	20	809	39,876
Total	5,128	106,214	5,044,640	4,049	151,015	7,212,525

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

Table 12-13.—Soil conservation districts: Funds appropriated by State and local governments for conservation programs, fiscal year ending Sept. 30, 1998

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

¹ Pacific Basin includes Guam and Northern Marianas. ² Caribbean includes Puerto Rico and Virgin Islands.
 NRCS, Conservation Operations Division, (202) 720-1845.

Table 12-14.—Soil conservation districts: Number organized each year, approximate total area and land in farms, United States and Territories, 1986-95

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

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

Table 12-15.—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 1,000 acres	Farms (and ranches) Thousands
	<i>Number</i>		
Alabama	67	32,454	116
Alaska	10	358,267	1
Arizona	38	73,090	6
Arkansas	75	33,074	52
California	117	64,351	55
Colorado	79	58,774	31
Connecticut	8	398	4
Delaware	3	1,309	8
District of Columbia	1	44	0
Florida	63	32,686	60
Georgia	40	37,261	78
Hawaii	16	4,035	6
Idaho	51	52,416	32
Illinois	98	28,502	89
Indiana	92	23,165	76
Iowa	100	36,016	107
Kansas	105	52,286	134
Kentucky	121	25,396	170
Louisiana	43	26,414	28
Maine	16	18,735	17
Maryland	24	6,636	33
Massachusetts	16	5,065	6
Michigan	83	36,034	59
Minnesota	90	50,762	124
Mississippi	82	29,816	126
Missouri	113	41,446	146
Montana	59	91,141	30
Nebraska	23	47,795	60
Nevada	29	70,759	3
New Hampshire	10	5,955	3
New Jersey	16	4,983	9
New Mexico	47	74,453	27
New York	57	30,488	49
North Carolina	100	33,709	154
North Dakota	60	42,958	63
Ohio	88	26,260	101
Oklahoma	89	44,000	128
Oregon	45	58,730	31
Pennsylvania	66	28,906	52
Rhode Island	3	675	1
South Carolina	46	19,912	26
South Dakota	69	49,353	42
Tennessee	95	25,353	163
Texas	212	165,607	285
Utah	39	52,410	15
Vermont	14	6,186	7
Virginia	45	25,346	52
Washington	47	38,239	42
West Virginia	14	14,439	17
Wisconsin	72	35,938	83
Wyoming	32	59,326	10
US	2,928	2,181,353	3,017
Caribbean	18	2,311	31
Pacific Basin ²	7	23	6
Totals	2,953	2,183,687	3,054

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

Table 12-16.—Soil surveys: Total area mapped for resource planning and other uses under all programs, by States and Territories, year ending Sept. 30, 1998, and cumulative through Sept. 30, 1998

State or Territory	Progressive Soil Survey Program ¹		
	Work during year ending Sept. 30, 1998		Total to date
	<i>Acres mapped</i>	<i>Acres updated</i>		Acres
AK	1,170,754	165,000	44,549,753
AL	206,693	0	30,039,863
AR	94,101	70,261	33,643,815
AZ	648,640	0	49,082,581
CA	569,437	15,000	76,402,501
CO	371,768	62,560	64,328,486
CT	0	48,000	3,211,700
DE	0	18,500	1,308,500
FL	78,244	0	34,733,118
GA	122,053	193,321	35,196,871
HI	0	140,938	4,042,820
IA	0	338,036	36,016,200
ID	173,866	117,500	36,089,913
IL	0	1,978,902	36,060,840
IN	0	383,071	23,158,600
KS	0	77,454	52,657,500
KY	0	139,092	25,815,272
LA	0	64,267	30,561,000
MA	0	55,105	5,301,800
MD	0	268,698	6,695,000
ME	126,340	54,139	17,090,862
MI	454,927	7,920	35,003,991
MN	428,599	360,381	45,387,084
MO	914,672	1,156	41,735,508
MS	121,359	0	28,554,970
MT	1,264,206	82,626	81,909,846
NC	268,465	87,212	31,126,800
ND	188,922	229,259	44,966,592
NE	59,235	328,325	50,004,936
NH	45,135	37,558	5,413,458
NJ	4,275	189,100	4,865,375
NM	132,570	491,707	69,638,366
NV	193,631	0	60,023,901
NY	100,751	35,720	29,128,330
OH	0	109,349	26,414,944
OK	0	207,828	44,771,700
OR	217,872	243,620	38,632,727
PA	0	305,000	28,997,200
PB ²	0	0	545,032
PR ³	0	11,325	2,333,800
RI	0	0	775,900
SC	0	98,757	19,912,100
SD	0	147,990	49,354,542
TN	263,723	238,625	26,317,003
TX	495,448	1,775,225	163,616,542
UT	406,000	77,182	47,816,853
VA	352,363	0	23,751,921
VT	57,060	12,995	5,184,845
WA	240,600	81,900	38,721,119
WI	185,124	429,040	32,915,071
WV	109,701	261,804	14,697,657
WY	415,042	4,744	45,875,357
Total	10,481,576	10,046,192	1,784,380,465

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.

XII-16 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

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

¹ Puerto Rico and Virgin Islands.
NRCS, Operations Management and Oversight Division, (202) 720-3906.

Table 12-18.—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 12-19.—Conservation plans: Active district cooperators and conservation plans prepared under all programs and area covered in soil conservation districts with Natural Resources Conservation Service assistance, by States and Territories, year ending Sept. 30, 1995

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

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

Table 12-20.—Interim EQIP/GPCP¹: Status of cost-share contracts, by States, year ending Sept. 30, 1999²

State	Designated counties	Active land treatment contracts in operation	
		1999	1999
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>
CO	38	104	431.7
KS	62	107	81.7
MT	46	35	387.8
NE	65	14	39.1
NM	27	25	634.8
ND	48	104	181.4
OK	44	106	49.4
SD	51	44	169.4
TX	156	211	655.9
WY	19	35	294.5
Total	556	785	2,925.7

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 12-21.—Great Plains Conservation Program: Status of cost-share contracts, by States, year ending Sept. 30, 1999¹

State	Designated counties	Active land treatment contracts in operation	
		1999	1999
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>
CO	38	185	691.6
KS	62	351	238.8
MT	46	159	867.5
NE	65	183	531.0
NM	27	98	1,699.0
ND	48	272	567.5
OK	44	381	186.7
SD	51	293	1,108.0
TX	156	278	635.5
WY	19	94	891.0
Total	556	2,294	7,416.6

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

Table 12-22.—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 12-23.—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 12-24.—Tree planting: Acres seeded and acres of tree planting, in States and Territories, fiscal year 1999

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	119,561	2,308	1,526	782	600	116,653
AK	3,635	511	481	30	1,294	1,830
AZ	1,797	1,696	1,593	103	0	101
AR	35,337	4,336	4,263	73	0	31,001
CA	30,946	21,863	21,469	394	83	9,000
CO	1,251	1,251	986	265	0	0
CT	37	4	0	4	8	25
DE	1,397	0	0	0	10	1,387
FL	93,790	8,916	4,407	4,509	6,313	78,561
GA	270,045	2,516	1,276	1,240	362	267,167
HI	3,088	2,516	0	2,516	0	572
ID	25,677	19,731	19,231	500	3,461	2,485
IL	14,357	1,231	1,200	31	0	13,126
IN	5,771	59	5	54	50	5,662
IA	5,881	5	0	5	49	5,827
KS	2,078	2	0	2	10	2,066
KY	5,881	254	206	48	68	5,559
LA	68,764	1,046	801	245	1,640	66,078
ME	3,335	0	0	0	0	3,335
MD	1,019	6	0	6	0	1,013
MA	51	1	0	1	50	0
MI	14,915	2,915	2,915	0	5,000	7,000
MN	21,583	2,775	2,264	511	6,702	12,106
MS	206,150	4,922	4,221	701	11,243	189,985
MO	2,267	188	61	127	629	1,450
MT	12,941	12,307	9,327	2,980	540	94
NE	2,041	355	0	355	28	1,658
NV	252	200	0	200	22	30
NH	0	0	0	0	0	0
NJ	312	5	0	5	46	261
NM	2,668	2,231	593	1,638	17	420
NY	1,893	0	0	0	603	1,290
NC	93,181	1,502	576	926	1,199	90,480
ND	2,910	114	0	114	0	2,796
OH	1,684	122	114	8	45	1,517
OK	6,433	205	0	205	135	6,093
OR	61,735	42,367	32,182	10,185	2,366	17,002
PA	2,704	438	429	9	916	1,350
RI	0	0	0	0	0	0
SC	112,834	945	333	612	4,720	107,169
SD	5,113	482	450	32	69	4,562
TN	8,181	876	491	385	312	6,993
TX	72,341	835	404	431	16,500	55,006
UT	2,801	1,483	973	510	334	984
VT	51	51	48	3	0	0
VA	95,789	339	152	187	129	95,321
WA	60,458	13,657	7,407	6,250	16,000	30,801
WV	5,203	155	150	5	58	4,990
WI	28,179	6,654	1,315	5,339	3,777	17,748
WY	1,926	1,406	1,206	200	0	520
State totals	1,520,243	165,781	123,055	42,726	85,388	1,269,074
PR	0	0	0	0	0	0
Other ⁴	82	0	0	0	47	35
Total	1,520,325	165,781	123,055	42,726	85,435	1,269,109

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

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

Table 12-25.—Forest land: Total forest land and area and ownership of timberland, by regions, Jan. 1, 1996¹

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	85,484	86,035	9,603	2,029	7,574	7,112	69,320	10,996	58,324
North Central	84,795	94,220	22,555	7,881	14,674	13,746	57,919	3,796	54,123
North	170,279	180,255	32,158	9,910	22,248	20,858	127,239	14,792	112,447
Southeast	88,662	84,803	6,851	4,594	2,257	2,522	75,430	14,508	60,922
South Central	125,448	116,306	9,000	6,604	2,396	2,562	104,744	22,526	82,218
South	214,110	201,109	15,851	11,198	4,653	5,084	180,174	37,034	143,140
Great Plains	4,787	4,317	1,075	999	76	180	3,062	0	3,062
Intermountain	138,447	63,455	42,755	42,580	175	2,637	18,063	2,926	15,137
Rocky Mountains	143,234	67,772	43,830	43,579	251	2,817	21,125	2,926	18,199
Alaska	127,380	11,988	3,899	3,780	119	4,299	3,790	0	3,790
Pacific Northwest	51,581	38,454	18,173	18,035	138	2,614	17,667	9,193	8,474
Pacific Southwest ⁵	40,214	18,447	10,097	10,086	11	505	7,845	2,932	4,913
Pacific Coast	219,175	68,889	32,169	31,901	268	7,418	29,302	12,125	17,177
All regions	746,798	518,025	124,008	96,588	27,420	36,177	357,840	66,877	290,963

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.

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

Table 12-26.—Timber volume: Net volume of growing stock and sawtimber on timberland, by softwoods and hardwoods, and regions, Jan. 1, 1996¹

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	121,179	30,945	90,234	321,066	91,564	229,502
North Central	91,393	18,355	73,038	253,427	54,676	198,751
North	212,572	49,300	163,272	574,493	146,240	428,253
Southeast	122,985	51,861	71,124	391,863	174,866	216,997
South Central	133,377	52,985	80,392	465,944	218,316	247,628
South	256,362	104,846	151,516	857,807	393,182	464,625
Great Plains	5,539	1,687	3,852	13,915	5,642	8,273
Intermountain	134,989	124,598	10,391	468,261	452,160	16,101
Rocky Mountains	140,528	126,285	14,243	482,176	457,802	24,374
Alaska	35,059	31,707	3,352	146,787	140,563	6,224
Pacific Northwest	155,758	141,845	13,913	844,138	796,907	47,231
Pacific Southwest ⁴	59,366	49,859	9,507	321,615	297,121	24,494
Pacific Coast	250,183	223,411	26,772	1,312,540	1,234,591	77,949
All regions	859,645	503,842	355,803	3,227,016	2,231,815	995,201

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.

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

Table 12-27.—Timber removals: Roundwood product output, logging residues and other removals from growing stock and other sources, by softwoods and hardwoods, 1996¹

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	7,044	5,082	1,962	6,712	4,928	1,784	331	153	178
Pulpwood	1,249	1,092	157	1,220	1,070	150	28	21	7
Veneer logs	5,037	2,845	2,192	4,444	2,547	1,897	593	298	295
Other products ⁴	361	114	247	325	98	227	35	15	20
Fuelwood ⁵	2,283	493	1,790	799	187	612	1,484	306	1,178
Total	15,974	9,626	6,348	13,500	8,830	4,670	2,471	793	1,678
Logging residues ⁶	3,374	1,349	2,025	1,292	615	677	2,082	734	1,348
Other removals ⁷	1,387	448	939	919	348	571	468	100	368
Total	4,761	1,797	2,964	2,211	963	1,248	2,550	834	1,716

¹Data may not add to totals because of rounding. ²Includes 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. ³Includes salvable dead trees, rough and rotten trees, trees of noncommercial species, trees less than 5.0-inches diameter at 4½ feet above ground, tops, and roundwood harvested from nonforest land (for example, fence rows). ⁴Includes such items as cooperage, pilings, poles, posts, shakes, shingles, board mills, charcoal and export logs. ⁵Downed and dead wood volume left on the ground after trees have been cut on timberland. ⁶Net of wet rot or advanced dry rot, and excludes old punky logs; consists of material sound enough to chip; excludes stumps and limbs. ⁷Unutilized 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.

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

Table 12-28.—Timber growth, removals and mortality: Net annual growth, removals, and mortality of growing stock on timberland by softwoods and hardwoods and regions, 1996¹

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	2,869	646	2,223	1,275	414	861	788	274	514
North Central	2,482	521	1,961	1,498	255	1,243	817	181	636
North	5,351	1,167	4,184	2,773	669	2,104	1,605	455	1,150
Southeast	4,731	2,779	1,952	4,459	2,947	1,512	1,234	630	604
South Central	5,981	3,110	2,871	5,726	3,531	2,195	1,003	406	597
South	10,712	5,889	4,823	10,185	6,478	3,707	2,237	1,036	1,201
Great Plains	98	52	46	35	20	15	48	10	38
Intermountain	2,390	1,956	434	497	481	16	993	890	103
Rocky Mountains	2,488	2,008	480	532	501	31	1,041	900	141
Alaska	223	137	86	182	177	5	205	195	10
Pacific Northwest	3,582	3,156	426	1,720	1,621	99	779	697	82
Pacific Southwest ⁵	1,288	1,155	133	628	618	10	315	263	52
Pacific Coast	5,093	4,448	645	2,530	2,416	114	1,299	1,155	144
All regions	23,644	13,512	10,132	16,020	10,064	5,956	6,182	3,546	2,636

¹Data may not add to totals because of rounding. ²The 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. ³The net volume of trees removed from the inventory during a specified year by harvesting, cultural operations such as timber stand improvement, or land clearing. ⁴The volume of sound wood in trees that died from natural causes during a specified year. ⁵Includes Hawaii.

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

Table 12-29.—Timber volume: Net volume of sawtimber on timberland in the West, by regions and species, Jan. 1, 1996¹

Species	Total West	Inter-mountain	Alaska	Pacific Northwest	Pacific South-west ²	Great Plains
	<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:						
Douglas-fir	640,832	127,211	0	429,850	83,771	0
Ponderosa and Jeffrey pines	203,733	76,732	0	63,637	59,647	3,717
True fir	238,850	65,806	9	93,369	79,666	0
Western hemlock	171,001	4,692	51,911	114,240	158	0
Sugar pine	31,257	3,824	0	7,558	19,875	0
Western white pine	7,300	3,118	0	2,355	1,827	0
Redwood	27,663	0	0	193	27,470	0
Sitka spruce	47,279	0	44,944	2,335	0	0
Engelmann and other spruces	103,028	68,997	17,669	16,011	216	135
Western larch	29,228	17,537	0	11,691	0	0
Incense cedar	19,567	14	0	3,971	15,582	0
Lodgepole pine	82,647	64,408	131	12,638	5,470	0
Western Red Cedar	43,065	9,473	4,945	28,641	6	0
Other	47,112	14,383	13,828	13,678	3,433	1,790
Total	1,692,562	456,195	133,437	800,167	297,121	5,642
Hardwoods:						
Cottonwood and aspen	23,744	15,558	4,276	3,746	158	6
Red alder	29,013	0	91	28,336	586	0
Oak	11,833	0	0	809	11,024	0
Other	37,734	542	1,921	14,276	12,727	8,268
Total	102,324	16,100	6,288	47,167	24,495	8,274
All species	1,794,886	472,295	139,725	847,334	321,616	13,916

¹ International 1/4-inch rule. Data may not add to totals because of rounding. ² Includes Hawaii. FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-30.—Timber volume: Net volume of sawtimber on timberland in the East, by regions and species, Jan. 1, 1996¹

Species	Total East	North			South		
		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>
Softwoods:							
Longleaf and slash pines	54,280	0	0	0	54,280	34,512	19,768
Loblolly and shortleaf pines	275,854	4,445	1,952	2,493	271,409	96,186	175,223
Other yellow pines	33,095	4,938	4,092	846	28,157	19,115	9,042
White and red pines	67,091	57,840	36,641	21,199	9,251	7,979	1,272
Jack pine	4,195	4,195	35	4,160	0	0	0
Spruce and balsam fir	30,102	30,022	20,434	9,588	80	80	0
Eastern hemlock	29,806	27,205	22,095	5,110	2,601	1,779	822
Cypress	24,656	152	15	137	24,504	14,016	10,488
Other	20,344	17,442	6,299	11,143	2,902	1,200	1,702
Total	539,423	146,239	91,563	54,676	393,184	174,867	21 8,317
Hardwoods:							
Select white oaks	90,351	38,343	12,799	25,544	52,008	23,157	28,851
Select red oaks	78,236	48,582	27,463	21,119	29,654	11,737	17,917
Other white oaks	53,997	14,424	10,528	3,896	39,573	18,716	20,857
Other red oaks	128,701	33,441	14,599	18,842	95,260	39,930	55,330
Hickory	47,734	15,756	6,649	9,107	31,978	10,327	21,651
Yellow birch	9,467	9,220	6,955	2,265	247	235	12
Hard maple	54,904	50,015	30,336	19,679	4,889	1,310	3,579
Soft maple	68,782	51,678	34,551	17,127	17,104	12,657	4,447
Beech	27,790	18,594	14,426	4,168	9,196	3,065	6,131
Sweetgum	64,140	3,148	1,354	1,794	60,992	17,031	43,961
Tupelo and black gum	57,861	3,427	1,204	2,223	54,434	21,329	33,105
Ash	113,916	35,575	11,740	23,835	78,341	34,848	43,493
Basswood	65,143	20,039	4,698	15,341	45,104	21,801	23,303
Yellow-poplar	231,176	50,740	17,497	33,243	180,436	73,778	106,658
Cottonwood and aspen	159,429	44,764	7,440	37,324	114,665	55,752	58,913
Black walnut	15,171	4,093	743	3,350	11,078	4,959	6,119
Black cherry	79,946	33,755	13,843	19,912	46,191	22,573	23,618
Other	169,342	44,105	12,679	31,426	125,237	51,028	74,209
Total	1,516,086	519,699	229,504	290,195	996,387	424,233	572,154
All species	2,055,509	665,938	321,067	344,871	1,389,571	599,100	790,471

¹ International 1/4-inch rule. Data may not add to totals because of rounding. FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-31.—National Forest System: National Forest System lands and other lands in States and Territories, Sept. 30, 1999

State or other area	Gross acreage	National Forest System acreage ¹	Other acreage ²
	1,000 acres	1,000 acres	1,000 acres
AL	1,288	665	623
AK	24,355	21,974	2,381
AZ	11,891	11,255	636
AR	3,539	2,579	960
CA	24,403	20,653	3,750
CO	16,052	14,509	1,543
CT	0	0	0
FL	1,379	1,147	232
GA	1,856	865	991
HI	0	0	0
ID	21,655	20,459	1,196
IL	856	292	564
IN	644	196	448
KS	116	108	8
KY	2,102	693	1,409
LA	1,024	604	420
ME	93	53	40
MI	4,895	2,857	2,038
MN	5,467	2,838	2,629
MS	2,310	1,159	1,151
MO	3,060	1,495	1,565
MT	19,104	16,886	2,218
NE	442	352	90
NV	6,275	5,826	449
NH	827	727	100
NM	10,367	9,327	1,040
NY	16	16	0
NC	3,166	1,244	1,922
ND	1,106	1,106	(³)
OH	835	229	606
OK	772	397	375
OR	17,496	15,656	1,840
PA	743	513	230
SC	1,375	613	762
SD	2,367	2,012	355
TN	1,212	634	578
TX	1,994	755	1,239
UT	9,211	8,111	1,100
VT	817	368	449
VA	3,224	1,659	1,565
WA	10,088	9,202	886
WV	1,870	1,033	837
WI	2,023	1,521	502
WY	9,704	9,238	466
PR	56	28	28
VI	0	0	0
Total	232,075	191,854	40,221

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.

Table 12-32.—Forest products cut on National Forest System lands: Volume and value of timber cut and value of all products, United States, fiscal years 1990–99

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>
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
1998	3,298	445,774	3,262	619,732
1999	2,939	342,290	3,262	619,732

¹Fiscal years Oct. 1–Sept. 30. ²Commercial and cost sales and land exchanges. ³Includes collections for forest restoration or improvement under the Knutson-Vandenberg Act, 1930. ⁴Includes 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 12-33.—National Forest System lands: Receipts, United States and Puerto Rico, fiscal years 1989–98

Year ¹	From the use of timber ²	From the use of grazing	From special land uses, water power, etc.	Total ²
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
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
1998	207,938	6,992	78,869	293,799

¹Fiscal years Oct. 1–Sept. 30. ²Includes receipts from Oregon and California Railroad Grant Lands.

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

Table 12-34.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, fiscal years 1996–98^{1 2}

State or other areas	1996	1997	1998
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL	2,050	964	1,133
AK	5,906	1,187	1,820
AZ	1,632	2,215	2,113
AR	6,648	5,954	6,584
CA	36,158	33,963	30,533
CO	5,956	4,388	5,045
FL	1,066	1,000	1,435
GA	908	697	328
ID	17,458	14,267	12,468
IL	28	17	394
IN	7	26	138
KY	494	433	255
LA	2,736	2,949	2,361
ME	35	30	37
MI	2,384	2,759	2,996
MN	3,179	2,922	3,412
MS	8,276	4,919	5,399
MO	1,232	1,149	1,237
MT	9,383	8,558	10,367
NE	31	32	33
NV	299	388	330
NH	510	440	549
NM	653	923	854
NY	6	6	2
NC	692	654	594
ND	⁽³⁾	⁽³⁾	⁽³⁾
OH	11	16	2
OK	883	1,017	1,034
OR	95,239	92,243	85,505
PA	6,207	5,998	5,800
SC	960	1,292	557
SD	2,350	3,814	3,663
TN	319	440	327
TX	4,337	2,264	5,621
UT	1,831	1,599	1,512
VT	257	226	436
VA	822	790	767
WA	29,429	28,425	27,073
WV	1,861	1,624	1,944
WI	1,621	1,861	2,166
WY	1,844	1,849	2,184
PR	21	23	24
Total	255,719	234,321	229,032

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

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

Table 12-35.—Livestock on National Forest System lands: Number grazed and grazing receipts, United States, 1989–98

Year	Number grazed ¹		Receipts from grazing ²
	Cattle, horses, and burros	Sheep and goats	
	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>
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
1998	1,208	909	6,992

¹ Calendar year data for number actually grazed. ² Fiscal years Oct. 1–Sept. 30.
FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-36.—Livestock on National Forest System lands: Number grazed and grazing receipts for fiscal year 1998, 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	723,978	47,385	1,647,141.56
AR	4,160	0	39,044.80
CA	293,376	155,700	592,633.14
CO	593,907	445,914	1,310,956.54
FL	600	0	18,885.00
GA	3,091	0	8,080.13
ID	442,272	532,074	977,513.91
IL	101	0	166.63
KS	34	0	0.00
KY	31,905	0	25,700.98
LA	15,916	0	25,718.78
MI	1,752	0	1,557.46
MN	41	0	136.41
MS	2,705	0	3,426.08
MO	26,850	0	27,154.21
MT	420,212	49,335	820,928.80
NE	105,479	0	158,367.34
NV	155,020	166,744	402,126.96
NM	749,223	79,974	1,235,863.58
NY	7,751	0	56.79
ND	391,513	0	443,840.30
OH	709	0	961.38
OK	19,523	0	28,620.18
OR ³	335,644	64,966	618,786.04
SD	389,493	19,321	547,594.81
TX	32,469	0	97,788.34
UT	335,358	513,261	836,937.32
VT	108	0	0.00
VA	6,656	0	10,694.21
WA	65,643	35,456	169,044.36
WV	5,688	321	18,585.00
WY	433,442	369,419	709,486.02
National forests	5,594,922	2,479,870	9,464,412.41
National grasslands and land utilization project land			1,314,322.64
Total	5,594,922	2,479,870	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 12-37.—Timber prices: Average stumpage prices for sawtimber sold from national forests, by selected species, 1990–99

Year	Douglas-fir ¹	Southern pine ²	Ponderosa pine ³	Western hemlock ⁴	All eastern hard-woods ⁵	Oak, white, red, and black ⁵	Maple, sugar ⁶
	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>
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
1998	254.20	287.80	204.90	161.40	240.90	270.20	394.80
1999	314.70	268.50	181.00	95.7	195.10	317.40	448.10

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 12-38.—National Forest System lands: Number of visitor-days, 1986–96, by activity, States, and Puerto Rico, 1996¹

Year and activity	Visitor-days	Percent	1997			
			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 12-39.—Timber products: Production, imports, exports, and consumption, United States, 1990–99¹

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>
1990	7,317	1,909	589	8,637	1,423	97	109	1,410	5,313	1,038	646	5,704	
1991	6,746	1,714	619	7,841	1,267	83	95	1,255	5,397	969	746	5,620	
1992	6,983	1,960	561	8,383	1,294	100	106	1,288	5,516	992	801	5,706	
1993	6,887	2,240	532	8,595	1,293	100	100	1,293	5,423	1,065	724	5,764	
1994	7,052	2,395	512	8,935	1,320	94	86	1,328	5,576	1,102	758	5,920	
1995	6,815	2,522	460	8,877	1,303	107	89	1,321	5,972	1,226	888	6,310	
1996	6,886	2,616	449	9,053	1,281	97	87	1,291	5,753	1,114	865	6,002	
1997	7,103	2,619	452	9,270	1,213	114	103	1,224	5,183	1,063	775	5,472	
1998	7,298	2,690	350	9,638	1,201	131	55	1,276	5,187	1,082	679	5,590	
1999	7,629	2,810	404	10,035	1,208	160	46	1,322	4,962	1,167	627	5,503	

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 imports	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>	<i>Mil-lion cu. ft.³</i>	<i>Mil-lion cu. ft.³</i>
1990 ..	562	4	674	43	288	15,577	3,091	2,307	16,361	3,019	18,596	19,380	
1991 ..	551	2	602	41	332	14,894	2,808	2,393	15,310	3,028	17,922	18,338	
1992 ..	610	7	524	31	351	15,280	3,090	2,344	16,026	3,044	18,324	19,070	
1993 ..	621	15	460	46	326	15,011	3,465	2,143	16,334	3,084	18,095	19,418	
1994 ..	576	18	429	23	354	15,306	3,632	2,139	16,800	3,134	18,440	19,934	
1995 ..	513	13	451	49	377	15,430	3,917	2,265	17,082	2,937	18,367	20,019	
1996 ..	500	18	422	53	416	15,258	3,899	2,239	16,918	2,739	17,997	19,658	
1997 ..	485	20	384	47	422	14,790	3,864	2,136	16,519	2,542	17,332	19,061	
1998 ..	485	30	316	47	412	14,899	3,979	1,812	17,065	2,523	17,422	19,588	
1999 ..	485	47	326	47	422	15,032	4,231	1,825	17,438	2,542	17,574	19,980	

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 12-40.—Lumber: Production, United States, 1990–99

Year	Total	Softwoods	Hardwoods
	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>
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
1998	48,300	34,800	13,500
1999	51,000	36,700	14,300

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

Table 12-41.—Timber products: Pulpwood consumption, woodpulp production, and paper and board production and consumption, United States, 1990–99¹

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>
1990	99,361	63,048	78,679	(7) 85,711	686
1991	95,483	63,635	79,427	(7) 84,078	665
1992	96,146	65,338	82,868	87,577	686
1993	96,089	64,313	84,857	91,013	705
1994	98,142	65,920	89,080	95,195	730
1995	101,568	67,103	89,509	96,180	731
1996	92,367	65,503	90,381	94,287	710
1997	87,336	66,650	95,029	99,186	740
1998	86,819	65,163	94,526	99,961	740
1999	86,766	62,914	96,611	104,051	762

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 12-42.—Timber products: Producer price indexes, selected products, United States, 1990–99 [1982=100]

Year	Lumber	Softwood plywood	Woodpulp	Paper	Paperboard
1990	86.2	81.4	126.3	104.6	101.0
1991	86.4	82.2	99.5	103.1	96.9
1992	100.0	100.0	100.0	100.0	100.0
1993	126.8	115.4	87.0	100.6	96.7
1994	130.5	120.3	97.2	102.2	104.3
1995	119.9	128.0	152.9	129.2	136.2
1996	124.4	118.3	111.7	121.4	116.1
1997	134.6	119.3	107.2	116.8	107.7
1998	122.4	119.1	102.3	118.6	112.9
1999	128.2	140.6	104.2	115.1	114.1

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

Table 12-43.—Timber products: Structural panels, LVL, and lumber production, United States, 1990–99

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>
1990	0.45	4.79	18.51	1.68	29.1	60.8
1991	0.45	4.97	16.51	1.70	26.4	56.4
1992	0.48	5.89	17.11	1.89	27.0	58.7
1993	0.59	6.20	17.09	2.05	28.8	56.0
1994	0.65	6.63	17.38	2.21	29.2	58.0
1995	0.79	6.99	17.14	1.96	29.8	54.8
1996	0.91	8.24	16.98	2.21	29.5	56.6
1997	1.08	9.32	15.90	2.45	29.9	58.9
1998	1.16	9.94	15.73	2.48	32.8	59.0
1999	1.36	10.28	15.77	2.50	33.8	62.3

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.