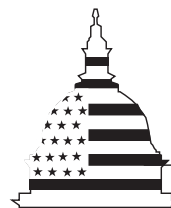


June 1999

# FOREST SERVICE

## Amount of Timber Offered, Sold, and Harvested, and Timber Sales Outlays, Fiscal Years 1992 Through 1997



G A O

Accountability \* Integrity \* Reliability

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**Resources, Community, and  
Economic Development Division**

B-282603

June 15, 1999

The Honorable Bob Goodlatte  
Chairman, Subcommittee on Department Operations,  
Oversight, Nutrition, and Forestry  
Committee on Agriculture  
House of Representatives

Dear Mr. Chairman:

The amount of timber sold from national forests has decreased significantly since the late 1980s, when 11 billion board feet of timber was offered for sale annually. Concerned that the trends of the costs associated with the Forest Service's timber sales program have not decreased in a similar manner, you asked us to provide information for fiscal years 1992 through 1997 on the (1) amount of timber offered for sale, sold, and harvested; (2) outlays for timber sales by type of outlay; and (3) estimated cost per thousand board feet harvested. The details for the amount of timber sales outlays and timber volumes by forest and region are presented in appendixes I and II. National information is summarized in the following sections of this report.

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**Results in Brief**

During fiscal years 1992 through 1997, the amount of timber offered for sale decreased 21 percent, the amount of timber sold decreased 23 percent, and the amount of timber harvested by timber purchasers decreased 55 percent, while the outlays to prepare and administer these sales decreased about 21 percent.<sup>1</sup> Although the amount of timber offered, sold, and harvested appeared to be stabilizing during fiscal years 1995 through 1997, the individual types of outlays, such as sales preparation or planning for transportation systems, varied considerably from decreases of almost 61 percent to increases of almost 90 percent.

According to the Forest Service, in fiscal year 1997, the estimated national cost per thousand board feet ranged from \$186 for timber sales conducted primarily to supply timber (commodity sales) to \$194 for timber sales being made primarily to help achieve desired ecological conditions (stewardship sales). From fiscal year 1993 (when the Forest Service first categorized the purpose of its sales) through fiscal year 1997, the national cost per thousand board feet rose almost 35 percent for commodity sales

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<sup>1</sup>The outlays discussed in this report and its appendixes represent the eight categories of outlays associated with preparing and administering timber sales and do not include all of the outlays associated with operating the timber program. The outlays are presented in constant 1997 dollars.

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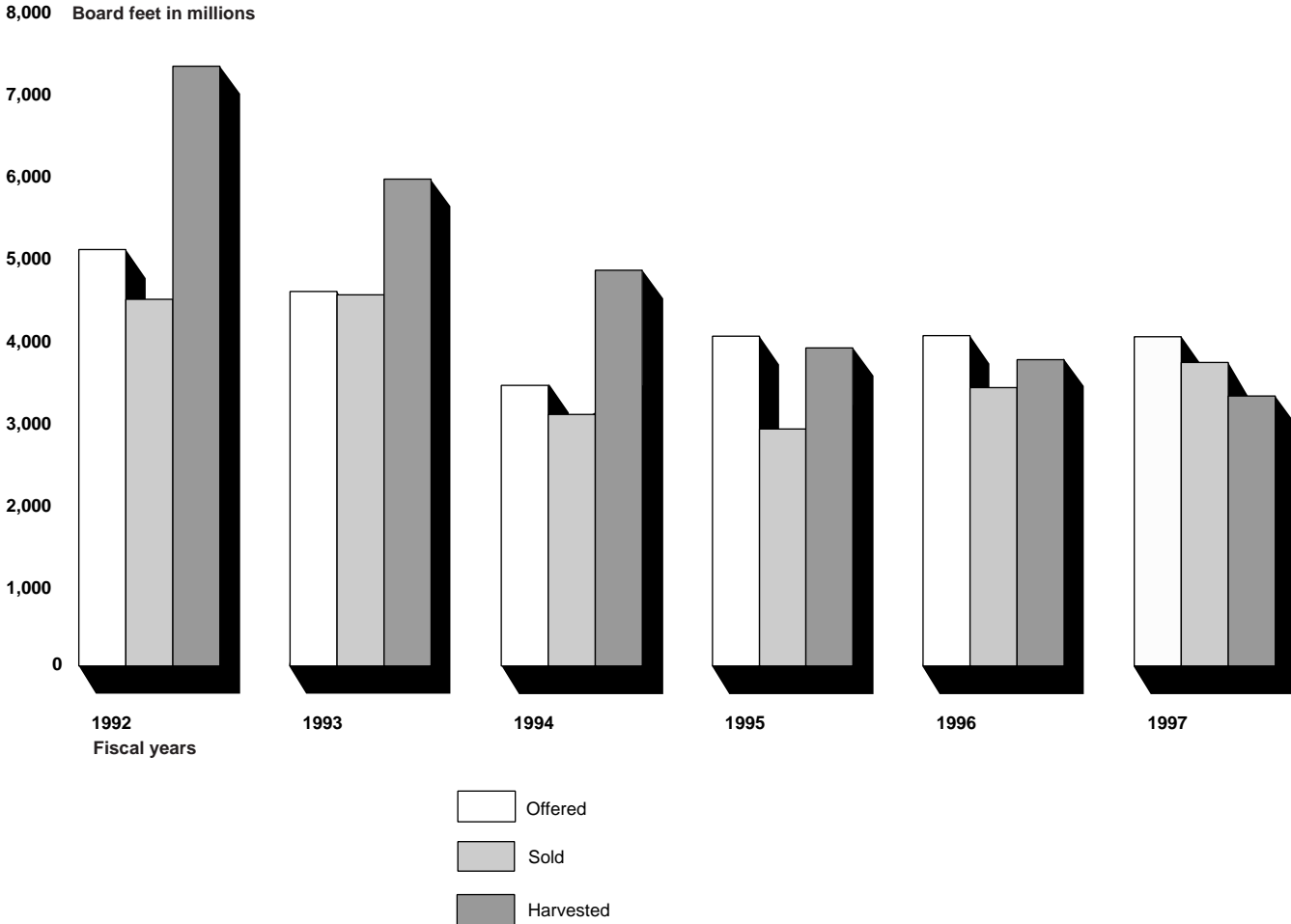
and almost 72 percent for stewardship sales. The Forest Service identified the shift to more stewardship sales and reducing or eliminating the practice of clearcutting, which increases the number of acres required to obtain the same quantity of timber volume, as reasons for the cost increases. In addition, stewardship sales sometimes require more road construction, involve increased requirements for performing landscape and watershed analysis, and involve the increased monitoring and surveying of species to obtain the same volume of wood products.

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## Amount of Timber Offered, Sold, and Harvested Decreases Over 6-Year Period

The Forest Service, within the Department of Agriculture, manages the 192-million-acre national forest system, with its 155 national forests, for multiple-use purposes—including timber production. Timber offered for sale from national forests reached a peak in the early 1980s, when 12 billion board feet was offered, and similar high rates continued until the early 1990s. At that time, concerns about the environmental effects of timber harvests and the threats to various species residing in forest habitats caused the Forest Service to decrease its timber sales substantially. Figure 1 shows that the amount of timber offered, sold, and harvested decreased from fiscal year 1992 through fiscal year 1997.

Figure 1: Amount of Timber Offered, Sold, and Harvested, Fiscal Years 1992 Through 1997



Note: Amount includes sales from both the regular and salvage programs.

Although the amount of timber offered for sale averaged about 4 billion board feet annually beginning in fiscal year 1995, the amount of timber sold and harvested varied slightly. According to the Forest Service, a time lag of about 2 years exists between the time when timber is offered and harvesting has been completed. In addition, some sales are appealed, which generally delays offering the timber for sale, others receive no bids

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and must be reoffered, or market conditions for wood products are such that the purchaser delays harvesting, within the flexibility of the timber sales contract, until the market improves.

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## Timber Volume Composition Has Changed

Historically, according to the Forest Service, the primary purpose for most timber sales was to help meet the nation's demand for wood. Today, more and more timber sales are being designed to help attain various stewardship objectives. The Forest Service is placing its emphasis on the ecological sustainability of the national forests and indicates that the focus of the forest management program will shift even further toward using timber sales to accomplish ecological objectives.

Beginning in fiscal year 1993, the Forest Service began tracking its timber sales by which forest management objective the sales were intended to accomplish. The Forest Service categorizes its sales as follows:

- Timber Commodity Purpose Sales include timber sales being made primarily to supply timber in response to society's demand for wood.
- Forest Stewardship Purpose Sales include timber sales being made primarily to help achieve desired ecological conditions and/or to attain some nontimber resource objective such as improving forest health or reducing forest fuels.
- Personal Use Purposes Sales include sales being made primarily to supply firewood, Christmas trees, and other miscellaneous forest products to individuals for their own consumption.

Changes in the makeup of the timber offered, sold, and harvested demonstrate the Forest Service's shift in the role of timber sales in managing the national forests among its multiple uses. The Forest Service has annually offered for sale about 1.6 billion board feet of salvage timber—that is, timber that is dead, dying, or insect infested. This amounted to about 15 percent of the total timber offered for sale from fiscal year 1977 (when the Salvage Sale Fund was started) through fiscal year 1991. However, from fiscal year 1992 through fiscal year 1997 when overall timber sales decreased, the amount of salvage timber offered for sale remained fairly constant. This shift in emphasis can be seen in the composition of recent timber sales statistics as shown in table 1.

**Table 1: Amount of Timber Offered and Harvested, Fiscal Years 1992 Through 1997**

Amount in millions of board feet

Fiscal year	Amount of timber offered			Percentage of regular	Amount of timber harvested		
	Regular <sup>a</sup>	Salvage <sup>b</sup>	Total		Commodity purpose <sup>c</sup>	Stewardship purpose <sup>c</sup>	Personal use purpose <sup>c</sup>
1992	3,650	1,412	5,062	72.1	N/A	N/A	N/A
1993	2,649	1,906	4,555	58.2	4,202	1,380	301
1994	2,403	1,005	3,408	70.5	3,238	1,229	330
1995	2,155	1,852	4,007	53.8	2,477	1,122	266
1996	2,079	1,936	4,015	51.8	2,138	1,268	244
1997	2,256	1,745	4,001	56.4	1,704	1,310	259

Legend

N/A = not applicable

<sup>a</sup>Regular refers to those sales prepared using the regular appropriations.<sup>b</sup>Salvage refers to those sales prepared using the Salvage Sale Fund, a permanent appropriation.<sup>c</sup>The Forest Service did not specifically categorize its timber sales by purpose until fiscal year 1993.

## Timber Sales Outlays Vary by Category

Preparing timber sales usually takes about 3 years and consists of six steps called “gates.” The early steps involve identifying the timber to be offered for sale and conducting the necessary environmental assessments of the proposed sale area. The later steps involve advertising the sale and selling the timber. Because of the overall time involved, during any given year, some timber sales could be in the beginning steps, while others could be at or near the end steps.<sup>2</sup> Once the Forest Service awards the timber sales contract, the purchaser generally has 3 years to complete the harvesting of the timber.

Throughout the timber sales process, individual forests use appropriated funds to pay the costs associated with preparing and administering these timber sales. In addition, they use moneys from a permanent appropriation—the Salvage Sale Fund—to prepare and administer salvage timber sales. Likewise, the regional and national offices incur outlays for managing the program, integrating the timber sales program with the management of other natural resources in the national forests, and reporting program results to the Congress and other interested parties.

<sup>2</sup>This multiyear, multistep process of having timber sales in various stages of development up until the time when a sale is offered is referred to as the timber pipeline.

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On a cash basis, timber sales outlays fall into eight categories and include such functions as sale preparation, analysis/document preparation, and harvest administration.<sup>3</sup> These outlays have decreased about 21 percent from fiscal year 1992 through fiscal year 1997.<sup>4</sup> However, within the eight cost categories, the range of change was greater; some categories increased almost 90 percent, while others decreased about 61 percent. Figures 2 and 3 show the trends in each of the eight categories.<sup>5</sup>

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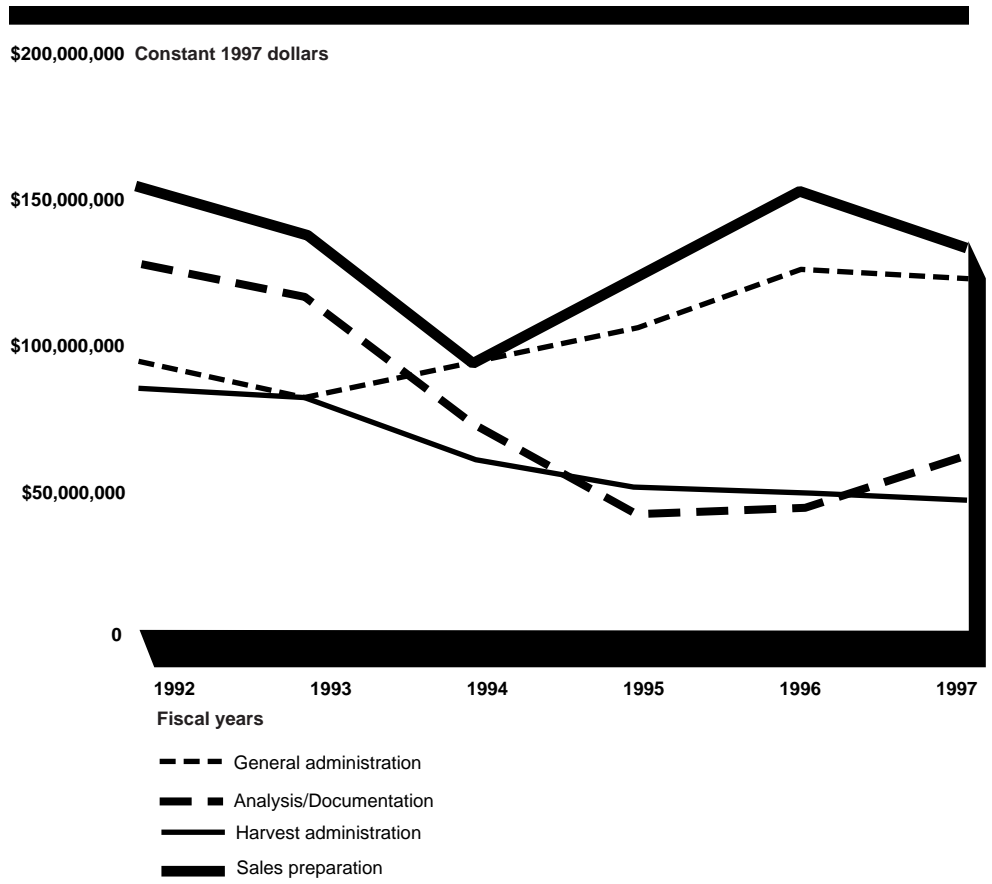
<sup>3</sup>Previously, the Forest Service used two additional categories of outlays—other resource support and timber planning—that were moved to the analysis/documentation and sales preparation categories, respectively, beginning in fiscal year 1995. For consistency, we adjusted the outlays for fiscal years 1992 through 1994 to reflect the current categories and demonstrate a more consistent trend interpretation.

<sup>4</sup>The cash basis recognizes outlays when paid and receipts when received.

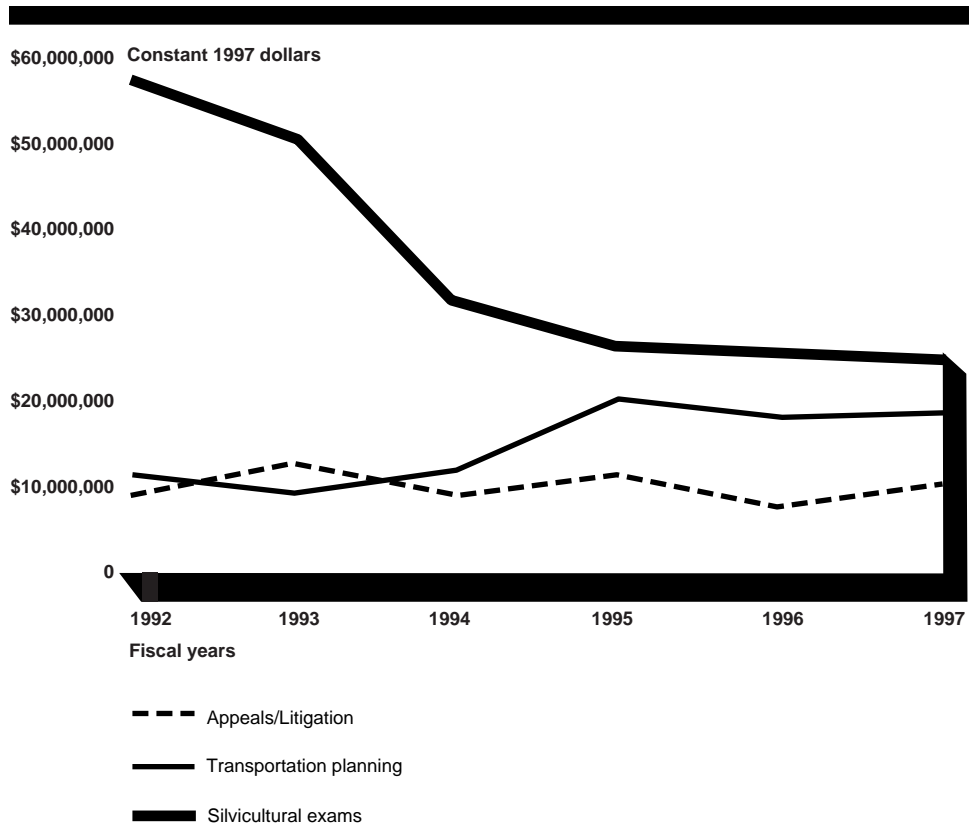
<sup>5</sup>Because of the relatively small amounts involved, we have combined in the body of the report the appeals/litigation outlays with the appeals/litigation—indirect outlays. These outlays remain separated in appendixes I, II, and III.



Figure 2: Trends of the Major Timber Sales Outlays, Fiscal Years 1992 Through 1997

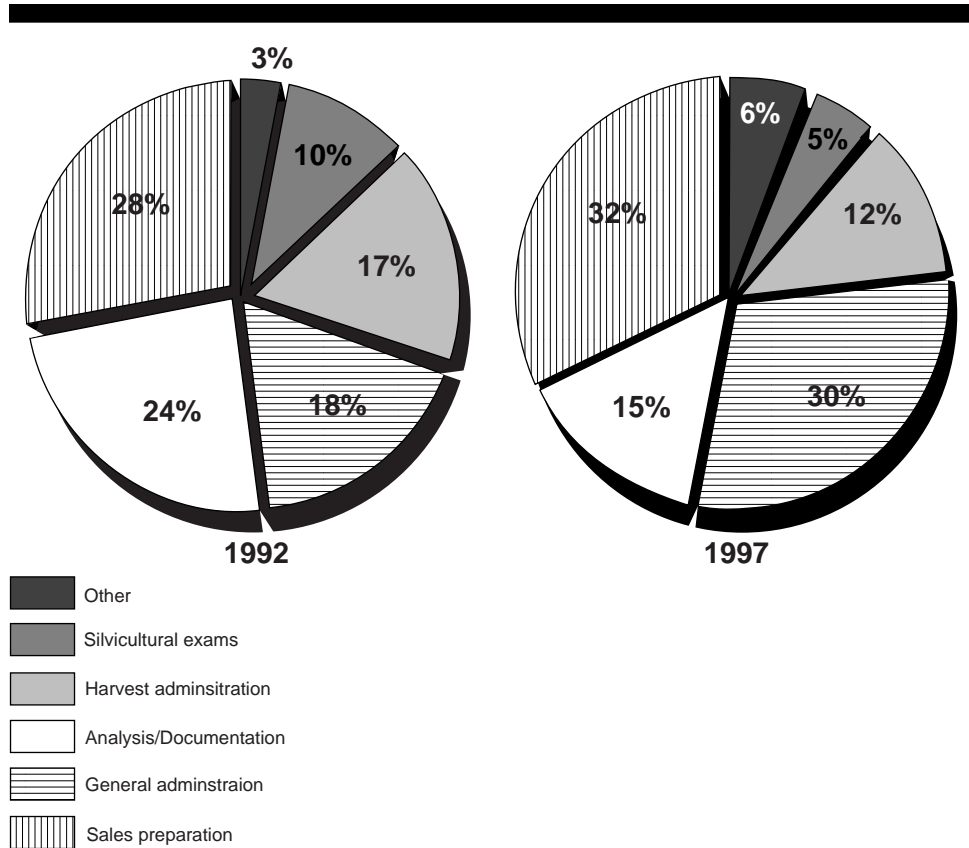


**Figure 3: Trends of Other Timber Sales Outlays, Fiscal Years 1992 Through 1997**



Between fiscal year 1992 through 1997, the proportion of the individual timber sales outlays to the eight total outlays shifted markedly. Some outlay categories, such as harvest administration (17 percent, decreasing to 12 percent), analysis/documentation (24 percent, decreasing to 15 percent), and silviculture exams (10 percent, decreasing to 5 percent) experienced substantial decreases compared with the other outlay categories. Other outlays, such as general administration (18 percent, increasing to 30 percent) and sales preparation (28 percent increasing to 32 percent), increased as shown on figure 4.

Figure 4: Proportions of Total Timber Sales Outlays, Fiscal Years 1992 and 1997



According to Forest Service officials, the shift in the proportions of outlays such as harvest administration, silvicultural exams, and analysis/documentation generally paralleled the downward trends in the amount of timber offered, sold, and harvested. Although the outlays for sales preparation increased, the Forest Service indicated that some forests may have continued to charge the more general sales preparation category rather than the more specific analysis/documentation category (a function within the sales preparation process) and, therefore, identifying a true trend may be misleading. For example, when added together, sales preparation and analysis/documentation comprised about 53 percent of the fiscal year 1992 outlays and 47 percent of the fiscal year 1997 outlays—a decrease of 6 percent. The Forest Service said that the shift in the general administration outlays—from 18 percent to 30 percent of the

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total timber sales program outlays—occurred because costs—such as rents, utilities, and communications services—have increased over the period and must be distributed over a smaller timber sales program compared to that of the early 1990s.

The details of the timber sale outlays amounts by type for fiscal years 1992 through 1997 are presented in appendix III.

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## National Cost per Thousand Board Feet Increasing

The Forest Service uses accrual accounting that matches the annual sale-related revenues to annual sale-related expenses, including expenses that are long-term investments to benefit future sale-related activities.<sup>6</sup> From these total costs, the Forest Service develops a national cost-per-thousand-board-feet calculation for each of the sale purpose categories.<sup>7</sup>

According to the Forest Service's calculations, the national costs per thousand board feet for all three sale categories ranged from \$113 to \$195 (in constant 1997 dollars) for fiscal years 1993 through 1997.<sup>8</sup> As shown in figure 5, the costs for the commodity sales program rose 34.8 percent (from \$138 to \$186), while the costs for the stewardship sales program rose 71.7 percent (from \$113 to \$194) over the same time frame. Personal use sales decreased 1.2 percent (from \$169 to \$167).

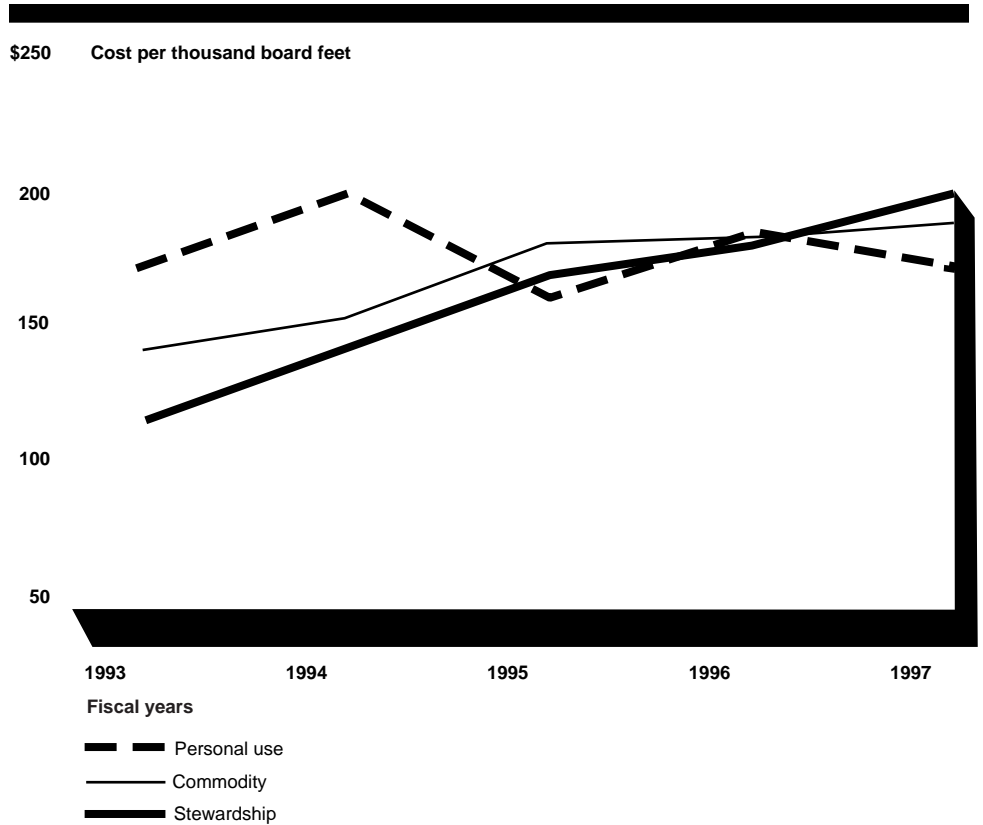
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<sup>6</sup>The Forest Service calculates these rates by dividing the total expenses associated with each program component by the component's corresponding harvest volume.

<sup>7</sup>In fiscal year 1992, the Forest Service presented only a combined cost-per-thousand-board feet calculation. Beginning in fiscal year 1993, the Forest Service began separating the costs according to the purpose of the sales program. Thus, for consistency of presentation, we are including only the costs for fiscal years 1993 through 1997.

<sup>8</sup>The Forest Service also provided the costs per thousand board feet on a regional basis; these costs are included as appendix IV.

**Figure 5: Forest Service's Cost per Thousand Board Feet, Fiscal Years 1993 Through 1997**



The Forest Service identified some of the processes involved in stewardship sales as reasons why the costs for stewardship sales are greater than those for commodity sales. Specifically, the Forest Service cited the fact that reducing or eliminating the practice of clearcutting increases the number of acres required to obtain the same quantity of timber. In addition, stewardship sales sometimes require more road construction, involve increased requirements for performing landscape and watershed analysis, and involve increased monitoring and surveying of species to obtain the same volume of wood products.

## Agency Comments

We provided the Forest Service with a draft of this report for review and comment. The Forest Service commented that the report accurately and fairly presented information on the amounts of timber offered, sold, and harvested and the timber sales outlays and national costs per thousand

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board feet for fiscal years 1992 through 1997. The Forest Service also provided technical clarifications, which we incorporated into the report.

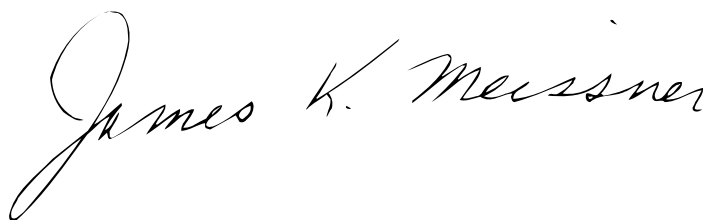
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We conducted our review by analyzing the Forest Service's timber sales accounting data for fiscal years 1992 through 1997. Appendix V explains our methodology in detail. We conducted our work from February through May 1999 in accordance with generally accepted government auditing standards.

As arranged with your office, unless you publicly announce its contents earlier, we plan no further distribution of this report until 10 days after the date of this letter. We will then send copies to the Honorable Daniel R. Glickman, Secretary of Agriculture; Mike Dombeck, Chief of the Forest Service; appropriate congressional committees; and other interested parties. We will make copies available to others on request.

If you or your staff have any questions about this report, please call me at (206) 287-4810. Major contributors to this report were Linda Harmon, William Hanson, and Sterling Leibenguth.

Sincerely yours,

A handwritten signature in cursive script that reads "James K. Meissner". The signature is written in black ink and is positioned below the typed name.

James K. Meissner  
Associate Director, Energy,  
Resources, and Science Issues

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# Timber Sales Outlays by Region, Fiscal Years 1992 Through 1997

Dollars in constant 1997 dollars

Region/Outlay category	Fiscal year					
	1992	1993	1994	1995	1996	1997
<b>Region 1—Northern Region</b>						
Sales preparation	\$14,550,920	\$11,710,600	\$8,359,885	\$8,235,591	\$ 11,082,555	10,265,536
General administration	13,397,884	11,858,087	15,811,966	14,638,199	16,660,650	14,379,472
Analysis/documentation	17,380,679	16,415,334	11,376,461	9,733,939	11,996,865	11,853,793
Harvest administration	9,182,078	8,851,010	7,516,738	6,205,699	5,816,265	6,439,227
Silvicultural exams	9,585,338	9,167,791	5,527,100	3,642,922	3,082,455	3,047,210
Transportation planning	2,027,402	1,686,201	1,518,539	1,858,456	2,383,891	2,238,316
Appeals/litigation	427,204	457,431	260,923	255,171	206,141	175,657
Appeals/litigation— indirect	578,857	674,649	554,002	427,002	266,388	243,397
Total	\$67,130,361	\$ 60,821,108	\$50,925,613	\$ 44,996,978	\$51,495,208	\$48,642,610
<b>Region 2—Rocky Mountain Region</b>						
Sales preparation	\$6,344,533	\$5,714,357	\$3,918,953	\$4,752,520	\$6,925,179	\$7,053,268
General administration	3,834,684	3,711,087	5,165,807	3,861,349	5,986,094	5,519,372
Analysis/documentation	4,015,011	4,538,634	3,509,217	1,224,672	2,608,663	4,731,279
Harvest administration	4,904,258	5,181,215	4,423,607	3,636,931	2,735,809	2,908,278
Silvicultural exams	1,782,254	1,299,543	725,122	880,347	959,067	1,038,667
Transportation planning	432,144	362,022	304,139	644,300	307,050	673,738
Appeals/litigation	30,223	43,010	14,122	86,157	68,737	111,219
Appeals/litigation— indirect	123,878	63,297	96,205	792,483	205,430	89,845
Total	\$ 21,466,989	\$20,913,170	\$18,157,165	\$15,878,757	\$19,796,029	\$22,125,665
<b>Region 3—Southwestern Region</b>						
Sales preparation	\$7,204,896	\$7,105,164	\$4,190,592	\$5,102,731	4,252,248	\$3,433,549
General Administration	4,185,670	3,827,491	4,645,497	4,438,138	6,037,376	5,065,505
Analysis/documentation	5,455,037	6,767,012	3,851,975	862,333	1,757,790	2,048,506
Harvest administration	5,860,970	6,125,922	3,215,736	2,087,032	2,157,888	2,303,755
Silvicultural exams	2,985,834	2,227,128	1,276,794	1,094,219	1,322,053	1,157,092
Transportation planning	167,076	100,023	89,743	346,394	381,803	361,545
Appeals/litigation	183,501	444,890	(148,678)	1,246,016	88,032	483,060
Appeals/litigation— indirect	1,521,109	4,641,699	883,690	326,832	238,989	345,826
Total	\$27,564,091	\$31,239,332	\$18,003,350	\$15,503,696	\$16,236,178	\$15,198,834
<b>Region 4—Intermountain Region</b>						
Sales preparation	\$9,330,728	\$10,816,019	\$8,554,806	\$11,894,449	\$12,480,397	\$9,153,549
General administration	3,309,991	3,916,663	5,601,385	6,616,549	7,378,493	8,729,930
Analysis/documentation	6,244,306	6,829,467	5,901,430	4,804,435	2,721,316	4,954,905

(continued)

**Appendix I  
Timber Sales Outlays by Region, Fiscal  
Years 1992 Through 1997**

Dollars in constant 1997 dollars

Region/Outlay category	Fiscal year					
	1992	1993	1994	1995	1996	1997
Harvest administration	5,136,038	5,916,578	5,065,113	4,555,289	4,784,069	4,286,661
Silvicultural exams	1,546,240	2,028,679	1,820,392	1,139,142	1,568,511	1,242,193
Transportation planning	80,098	425,850	300,699	1,151,091	442,090	909,775
Appeals/litigation	64,886	94,880	14,781	30,828	25,409	52,413
Appeals/litigation— indirect	85,937	45,540	84,399	190,814	116,923	127,217
<b>Total</b>	<b>\$ 25,798,224</b>	<b>\$30,073,671</b>	<b>\$27,343,008</b>	<b>\$30,382,596</b>	<b>\$29,517,207</b>	<b>\$29,456,643</b>
<b>Region 5—Pacific Southwest Region</b>						
Sales preparation	\$24,917,009	\$21,095,890	\$14,842,892	\$23,868,666	\$35,873,666	\$27,379,652
General administration	14,013,166	12,932,804	11,523,969	15,258,413	19,667,537	18,487,057
Analysis/documentation	25,408,437	16,789,225	10,468,364	3,110,371	1,216,812	4,740,593
Harvest administration	14,975,853	13,632,636	10,906,971	9,249,559	9,541,044	8,701,043
Silvicultural exams	4,822,824	3,354,932	3,061,714	1,287,532	4,296,468	3,432,742
Transportation planning	1,920,310	626,005	1,277,335	2,393,176	2,247,070	1,986,175
Appeals/litigation	563,256	530,584	223,061	782,139	428,053	26,227
Appeals/litigation— indirect	647,410	1,061,435	1,499,277	871,350	740,872	560,027
<b>Total</b>	<b>\$87,268,258</b>	<b>\$70,023,510</b>	<b>\$53,803,584</b>	<b>\$56,821,467</b>	<b>\$74,011,521</b>	<b>\$65,313,516</b>
<b>Region 6—Pacific Northwest Region</b>						
Sales preparation	\$46,185,958	\$40,457,631	\$19,158,161	\$30,365,403	\$41,558,273	\$36,931,506
General administration	29,193,628	22,730,353	25,490,771	27,882,674	32,412,794	31,233,513
Analysis/documentation	52,534,192	44,428,109	22,069,861	14,407,423	16,877,800	18,459,861
Harvest administration	29,295,522	27,809,175	19,624,101	13,303,812	14,763,201	13,415,421
Silvicultural exams	20,957,483	18,528,112	8,568,864	5,998,414	4,113,727	4,275,806
Transportation planning	1,760,179	2,604,456	2,496,996	4,168,146	4,070,051	4,201,877
Appeals/litigation	798,903	495,787	2,256,292	307,885	163,189	3,116,939
Appeals/litigation— indirect	645,255	705,951	434,537	905,176	328,698	347,560
<b>Total</b>	<b>\$181,371,127</b>	<b>\$157,759,574</b>	<b>\$100,099,585</b>	<b>\$97,338,934</b>	<b>\$114,287,731</b>	<b>\$111,982,486</b>
<b>Region 8—Southern Region</b>						
Sales preparation	\$22,137,494	\$17,873,966	\$14,252,098	\$16,767,133	\$17,804,491	18,885,044
General administration	8,883,495	8,708,917	10,075,883	10,657,801	13,412,458	13,897,015
Analysis/documentation	6,180,073	7,880,481	6,456,429	4,513,495	4,061,181	5,536,318
Harvest administration	8,564,277	8,916,144	6,493,405	6,543,181	6,802,414	6,340,093
Silvicultural exams	6,004,442	6,035,435	3,555,393	3,633,634	3,216,536	3,265,455
Transportation planning	888,696	533,265	936,328	1,445,984	1,510,123	1,424,733
Appeals/litigation	133,461	212,720	159,312	70,029	578,869	41,471

(continued)

**Appendix I  
Timber Sales Outlays by Region, Fiscal  
Years 1992 Through 1997**

Dollars in constant 1997 dollars

Region/Outlay category	Fiscal year					
	1992	1993	1994	1995	1996	1997
Appeals/litigation—indirect	335,158	197,857	254,886	416,372	553,925	404,868
Total	\$53,127,101	\$50,358,786	\$42,183,734	\$44,047,630	\$47,939,997	\$49,794,995
<b>Region 9—Eastern Region</b>						
Sales preparation	\$14,407,422	\$14,292,572	\$11,599,503	\$12,431,018	\$13,870,766	\$12,286,374
General administration	5,006,531	4,815,616	5,634,200	7,768,209	8,783,566	8,888,969
Analysis/documentation	1,778,940	2,247,266	2,911,159	1,261,470	3,121,472	5,096,586
Harvest administration	5,544,369	5,058,660	4,306,199	4,672,080	4,205,239	4,129,748
Silvicultural exams	3,669,397	4,091,937	2,805,826	2,448,526	2,263,106	2,331,588
Transportation planning	794,980	565,495	409,812	1,358,056	1,138,142	1,279,600
Appeals/litigation	39,107	82,572	48,177	94,723	41,948	109,326
Appeals/litigation—indirect	153,549	173,004	415,001	181,414	96,469	161,007
Total	\$31,394,297	\$31,327,116	\$28,129,872	\$30,215,497	\$33,520,706	\$34,283,193
<b>Region 10—Alaska Region</b>						
Sales preparation	\$6,944,080	\$6,902,164	\$7,992,992	\$11,256,357	\$11,251,156	\$9,739,487
General administration	5,794,849	6,006,683	7,343,427	7,526,879	8,661,979	7,773,811
Analysis/documentation	12,771,738	13,571,364	10,726,010	7,785,021	7,239,446	8,454,903
Harvest administration	5,078,607	5,153,855	3,605,652	2,755,481	2,896,888	2,548,207
Silvicultural exams	3,403,306	3,174,270	1,949,831	1,010,809	1,078,218	1,470,305
Transportation planning	655,809	161,266	1,891,189	3,251,611	1,540,859	1,963,088
Appeals/litigation	16,000	0	58,399	118,545	53,444	30,127
Appeals/litigation—indirect	208,683	187,443	130,019	745,985	490,903	699,260
Total	\$34,873,074	\$35,157,043	\$33,697,517	\$34,450,686	\$33,212,894	\$32,679,187

Totals may not add because of rounding.

# Timber Sales Outlays and Amounts of Timber Volumes by Forest and Region, Fiscal Years 1992 Through 1997

The data in this report are generally timber sales accounting data that are on a cash basis that recognizes receipts when collected and outlays when paid. The data presented in this report and its appendixes are not a measure of profitability nor is it appropriate to compare the data with budget authority amounts. Also, these data do not match all costs associated with operating a particular forest with the related revenue generated by that forest and, thus, should not be used as a measure of profitability on an individual forest basis. Profitability should be measured on an accrual basis that matches all annual sales-related revenues with all annual sales-related expenses.<sup>1</sup> We chose to use cash accounting data because they represent a method of reporting the day-to-day operations of a forest and were the only data available at the forest level. In addition, these data complement those in our two prior reports on the distribution of timber receipts.<sup>2</sup>

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
<b>Region 1 —Northern Region</b>						
<b>Regional Office</b>						
Sales preparation	\$1,475,626	\$1,740,910	\$678,925	\$489,248	\$526,277	\$331,798
General administration	3,064,342	3,182,599	3,471,104	3,200,491	4,461,731	2,433,851
Analysis/documentation	282,435	362,170	51,014	18,712	8,882	32,914
Harvest administration	1,097,645	841,450	587,000	547,480	446,067	431,186
Silvicultural exams	591,039	579,668	398,867	316,402	157,006	150,528
Transportation	432,327	358,913	178,202	627,103	891,794	876,152
Appeals & litigation	5,843	958	55	287	0	0
Appeals & litigation- indirect	200,520	259,994	253,533	211,069	158,932	50,553
Total timber sales outlays	\$7,149,777	\$7,326,662	\$5,618,702	\$5,410,792	\$6,650,688	\$4,306,983
<b>Beaverhead-Deerlodge National Forests</b>						
Sales preparation	\$758,979	\$521,783	\$570,451	\$647,159	\$746,608	\$653,683
General administration	425,849	323,327	652,518	748,125	657,767	717,250
Analysis/Documentation	918,587	598,618	448,865	210,574	479,136	609,394
Harvest administration	325,999	312,283	288,296	251,451	264,687	276,285

(continued)

<sup>1</sup>Each fiscal year, the Forest Service issues an annual report to the Congress and the public with accomplishment, economic, and financial information about the forest management program. The annual report—National Summary: Forest Management Program Report—provides information on the profitability of the timber sales program.

<sup>2</sup>Forest Service: Distribution of Timber Sales Receipts, Fiscal Years 1992-94 (GAO/RCED-95-237FS, Sept. 8, 1995) and Forest Service: Distribution of Timber Sales Receipts, Fiscal Years 1995 Through 1997 (GAO/RCED-99-24, Nov. 12, 1998).

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Silvicultural exams	803,158	694,873	232,782	238,971	194,992	239,464
Transportation planning	84,726	28,069	52,550	54,107	72,855	90,516
Appeals & litigation	78,922	26,271	5,542	19,918	31,366	13,897
Appeals & litigation- indirect	65,672	43,833	10,140	62,444	6,013	1,285
Total timber sales outlays	\$3,461,892	\$2,549,057	\$2,261,145	\$2,232,750	\$2,453,424	\$2,601,774
Volume offered (MMBF)	20.5	14.3	14.3	16.5	18.8	17.2
Volume sold (MMBF)	8.9	13.2	12.0	8.9	11.5	21.5
Volume harvested (MMBF)	17.6	14.9	20.6	15.3	13.6	12.4
<b>Bitterroot National Forest</b>						
Sales preparation	\$574,941	\$420,069	\$299,822	\$221,790	\$259,499	\$264,990
General administration	434,604	301,973	395,800	301,415	398,260	420,875
Analysis/documentation	817,623	438,720	227,081	235,957	371,696	313,044
Harvest administration	168,859	209,966	153,089	128,036	104,311	131,200
Silvicultural exams	573,868	417,689	139,807	85,821	72,430	99,072
Transportation planning	71,006	76,487	16,339	18,767	17,825	24,922
Appeals & litigation	120,032	70,322	19,672	262	0	0
Appeals & litigation- indirect	20,466	13,639	51,685	8,716	11,734	13,582
Total timber sales outlays	\$2,781,399	\$1,948,865	\$1,303,295	\$1,000,764	\$1,235,756	\$1,267,685
Volume offered (MMBF)	6.2	9.1	10.3	7.4	10.8	10.0
Volume sold (MMBF)	5.3	6.8	3.3	6.8	4.2	8.6
Volume harvested (MMBF)	9.7	11.9	4.2	6.9	9.2	9.5
<b>Clearwater National Forest</b>						
Sales preparation	\$1,295,479	\$956,458	\$836,390	\$1,147,272	\$1,979,661	\$1,553,098
General administration	1,270,172	896,850	1,435,882	1,550,080	1,602,054	1,331,384
Analysis/documentation	1,544,220	1,330,440	1,093,468	613,929	1,055,324	959,623
Harvest administration	1,094,920	1,022,415	1,034,158	828,111	723,289	800,880
Silvicultural exams	879,684	754,644	470,525	272,650	488,235	450,715
Transportation planning	83,320	166,683	155,874	72,350	157,288	73,169
Appeals & litigation	135,873	103,573	143,471	177,852	68,505	44,738
Appeals & litigation- indirect	29,638	36,660	43,405	19,231	11,121	56,711
Total timber sales outlays	\$6,333,307	\$5,267,722	\$5,213,173	\$4,681,475	\$6,085,478	\$5,270,318
Volume offered (MMBF)	49.8	42.7	27.8	31.2	31.8	53.3
Volume sold (MMBF)	49.9	23.9	23.1	9.2	47.1	36.6

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Volume harvested (MMBF)	116.0	82.4	92.0	58.9	25.0	42.0
<b>Custer National Forest</b>						
Sales preparation	\$184,280	\$90,099	\$76,011	\$116,287	\$121,007	\$140,976
General administration	126,223 91	,008	118,374	168,504	145,664 1	55,087
Analysis/documentation	55,623 7	3,319	46,698	71,577	111,262	83,823
Harvest administration	70,035 6	9,042	56,256	53,401	46,534	48,294
Silvicultural exams	81,470	60,562	45,527	55,940	16,946	34,652
Transportation planning	(930)	36,599	5,809	11,251	839	65,830
Appeals & litigation	1,817	(379)	356	(38)	26	(25)
Appeals & litigation- indirect	729	(22)	0	0	2,986	0
Total timber sales outlays	\$519,248	\$420,228	\$349,031	\$476,922	\$445,264	\$528,637
Volume offered (MMBF)	3.9	2.9	2.7	0.8	4.3	3.1
Volume sold (MMBF)	1.8	3.1	1.5	1.8	3.5 0	.0
Volume harvested (MMBF)	3.8	1.7	2.6	5.1	2.6 0	.9
<b>Flathead National Forest</b>						
Sales preparation	\$1,029,407	\$581,640	\$433,402	\$390,053	\$490,261	\$684,561
General administration	1,044,125	761,139	920,569	822,407	748,405	809,371
Analysis/Documentation	1,976,289	1,777,605	1,162,006	758,253	865,389	1,033,994
Harvest administration	780,883	714,222	468,979	318,005	335,882	398,372
Silvicultural exams	501,381	987,413	707,553	251,054	147,003	264,394
Transportation planning	87,271	125,530	145,235	18,764	229,535	265,454
Appeals & litigation	7,618	70,658	34,235	5,628	17,364	37,810
Appeals & litigation- indirect	33,741	38,249	12,132	13,801	2,641	9,203
Total timber sales outlays	\$5,460,714	\$5,056,456	\$3,884,110	\$2,577,965	\$2,836,479	\$3,503,159
Volume offered (MMBF)	17.1	16.2	5.8	16.9	29.0	32.2
Volume sold (MMBF)	49.6	1.1	6.3	9.1	37.0	29.2
Volume harvested (MMBF)	53.3	54.4	20.3	22.0	18.0	22.1
<b>Gallatin National Forest</b>						
Sales preparation	\$313,576	\$286,985	\$140,159	\$136,168	\$178,202	\$273,407
General administration	285,920	266,982	296,726	284,968	270,260	430,968
Analysis/Documentation	499,455	313,645	158,342	233,012	289,172	302,282
Harvest administration	243,444	205,928	239,613	144,485	148,959	191,098
Silvicultural exams	240,893	246,959	130,793	76,947	38,624	86,236

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Transportation planning	107,162	27,494	7,222	34,881	32,462	44,518
Appeals & litigation	1,451	124	0	0	69,714	66,736
Appeals & litigation- indirect	44,284	13,277	19,764	18,306	9,514	5,953
Total timber sales outlays	\$1,736,186	\$1,361,394	\$992,618	\$928,767	\$1,036,906	\$1,401,198
Volume offered (MMBF)	16.4	10.1	4.8	4.7	4.2	6.0
Volume sold (MMBF)	17.3	6.7	1.9	1.8	1.5	2.3
Volume harvested (MMBF)	7.4	10.6	11.1	4.7	6.9	6.2
<b>Helena National Forest</b>						
Sales preparation	\$471,061	\$215,003	\$230,610	\$182,425	\$226,618	\$185,565
General administration	328,002	239,167	240,589	224,949	301,902	361,886
Analysis/documentation	451,214	287,995	170,570	236,041	465,628	356,685
Harvest administration	198,216	148,026	110,973	134,146	123,473	139,535
Silvicultural exams	365,847	192,171	140,098	193,214	174,628	168,064
Transportation planning	46,396	16,902	14,089	13,998	16,889	31,106
Appeals & litigation	9,517	16,915	17,867	228	1,075	4,812
Appeals & litigation- indirect	9,475	7,300	7,767	178	510	1,505
Total timber sales outlays	\$1,879,728	\$1,123,480	\$932,564	\$985,181	\$1,310,723	\$1,249,158
Volume offered (MMBF)	5.1	8.0	13.7	3.0	18.2	8.5
Volume sold (MMBF)	7.4	5.3	3.4	9.4	16.3	4.0
Volume harvested (MMBF)	16.4	4.8	9.2	7.9	5.2	9.0
<b>Kootenai National Forest</b>						
Sales preparation	\$2,612,843	\$2,018,908	\$1,689,189	\$1,734,924	\$1,813,712	\$1,772,411
General administration	1,862,415	1,766,430	2,356,532	2,488,710	2,911,046	2,696,465
Analysis/Documentation	3,137,149	3,671,210	3,144,529	3,734,883	3,796,002	3,650,460
Harvest administration	1,365,591	1,447,873	1,222,981	1,060,498	1,204,676	1,558,931
Silvicultural exams	1,295,194	2,141,795	1,453,553	1,117,491	1,180,782	1,027,735
Transportation planning	217,993	268,434	229,155	406,765	477,993	340,768
Appeals & litigation	17,299	78,841	17,068	21,859	395	6,643
Appeals & litigation- indirect	62,735	178,272	48,099	43,624	45,948	40,882
Total timber sales outlays	\$10,571,219	\$11,571,762	\$10,161,105	\$10,608,754	\$11,430,553	\$11,094,295
Volume offered (MMBF)	153.3	75.6	73.7	65.8	121.4	104.1
Volume sold (MMBF)	180.0	81.5	55.6	52.6	121.8	85.8
Volume harvested (MMBF)	174.4	154.8	110.8	70.3	99.9	86.2

(continued)



**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
<b>Lewis and Clark National Forests</b>						
Sales preparation	\$480,215	\$335,628	\$329,382	\$206,987	\$238,819	\$296,262
General administration	320,673	243,738	371,003	379,131	286,140	347,291
Analysis/documentation	511,956	484,229	372,124	262,118	247,677	295,560
Harvest administration	156,331	161,130	153,422	145,576	152,359	154,750
Silvicultural exams	504,924	301,308	198,911	151,686	110,308	79,434
Transportation planning	46,239	35,492	9,122	46,277	25,666	24,652
Appeals & litigation	6,583	(196)	10	377	0	1,259
Appeals & litigation- indirect	1,148	1,580	9,123	9,719	875	8,842
Total timber sales outlays	\$2,028,070	\$1,562,908	\$1,443,098	\$1,201,871	\$1,061,845	\$1,208,050
Volume offered (MMBF)	25.0	6.8	11.7	4.6	11.2	15.0
Volume sold (MMBF)	21.5	3.9	4.1	2.3	8.8	13.4
Volume harvested (MMBF)	22.0	7.4	15.9	9.6	10.8	6.7
<b>Lolo National Forest</b>						
Sales preparation	\$1,341,787	\$1,099,760	\$771,833	\$888,205	\$1,548,615	\$1,019,790
General administration	1,008,080	970,891	1,236,378	1,109,259	1,419,263	1,408,878
Analysis/documentation	1,220,382	951,761	929,464	935,347	1,579,860	1,391,316
Harvest administration	829,189	850,870	787,556	689,964	597,116	723,381
Silvicultural exams	814,083	483,414	245,395	232,035	175,960	149,889
Transportation planning	332,390	237,079	415,108	239,076	168,006	140,920
Appeals & litigation	8,665	8,173	6,734	0	0	0
Appeals & litigation- indirect	8,067	13,973	17,190	880	0	1,440
Total timber sales outlays	\$5,562,644	\$4,615,921	\$4,409,659	\$4,094,766	\$5,488,820	\$4,835,614
Volume offered (MMBF)	60.2	51.9	31.3	29.2	49.8	53.9
Volume sold (MMBF)	57.8	41.4	32.7	12.9	19.7	66.7
Volume harvested (MMBF)	68.0	70.7	67.8	24.1	32.3	45.4
<b>Nez Perce National Forest</b>						
Sales preparation	\$1,186,917	\$802,823	\$755,958	\$772,453	\$958,776	\$940,467
General administration	1,006,200	783,262	1,130,786	781,164	726,171	922,196
Analysis/documentation	1,180,935	1,541,265	860,996	770,080	600,655	708,993
Harvest administration	860,737	1,133,138	796,251	632,896	514,846	448,334
Silvicultural exams	514,251	462,672	352,182	343,621	160,193	128,238
Transportation planning	44,611	27,325	132,797	155,250	87,437	77,955

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Appeals & litigation	892	8,182	7,723	4,755	17,464	(213)
Appeals & litigation- indirect	8,230	(7)	26,333	2,034	6,189	35,187
Total timber sales outlays	\$4,802,772	\$4,758,661	\$4,063,027	\$3,462,254	\$3,071,731	\$3,261,157
Volume offered (MMBF)	16.9	34.5	10.3	4.5	20.6	34.4
Volume sold (MMBF)	0.4	31.8	6.4	6.7	28.4	21.3
Volume harvested (MMBF)	84.6	69.6	89.9	38.8	38.3	19.4
<b>Idaho Panhandle National Forest</b>						
Sales preparation	\$2,825,808	\$2,640,537	\$1,547,755	\$1,302,620	\$1,994,502	\$2,148,527
General administration	2,221,278	2,030,721	3,185,705	2,578,995	2,731,986	2,343,969
Analysis/documentation	4,784,811	4,584,359	2,711,299	1,653,457	2,126,182	2,115,706
Harvest administration	1,990,228	1,734,668	1,618,164	1,271,650	1,154,064	1,136,981
Silvicultural exams	2,419,545	1,844,622	1,011,106	307,088	165,347	168,790
Transportation planning	474,892	281,193	157,036	159,867	205,302	182,355
Appeals & litigation	32,691	73,990	8,191	24,043	232	0
Appeals & litigation- indirect	94,153	67,901	54,831	36,998	9,926	18,253
Total timber sales outlays	\$14,843,406	\$13,257,992	\$10,294,087	\$7,334,718	\$8,387,540	\$8,114,581
Volume offered (MMBF)	24.5	109.4	45.0	64.1	75.4	79.3
Volume sold (MMBF)	95.7	119.1	11.8	32.6	36.8	91.2
Volume harvested (MMBF)	235.0	134.1	116.8	86.9	80.8	56.9
<b>Region 1 totals</b>						
Sales preparation	\$14,550,919	\$11,710,602	\$8,359,886	\$8,235,591	\$11,082,555	\$10,265,535
General administration	13,397,884	11,858,087	15,811,966	14,638,198	16,660,650	14,379,471
Analysis/documentation	17,380,680	16,415,336	11,376,458	9,733,939	11,996,865	11,853,794
Harvest administration	9,182,078	8,851,011	7,516,737	6,205,699	5,816,264	6,439,227
Silvicultural exams	9,585,338	9,167,791	5,527,101	3,642,922	3,082,454	3,047,211
Transportation	2,027,402	1,686,201	1,518,539	1,858,455	2,383,891	2,238,317
Appeals & litigation	427,203	457,432	260,923	255,172	206,140	175,657
Appeals & litigation- indirect	578,857	674,648	554,003	427,001	266,388	243,397
Total timber sales outlays	\$67,130,361	\$60,821,108	\$50,925,613	\$44,996,978	\$51,495,208	\$48,642,610
Volume offered (MMBF)	398.9	381.5	251.4	248.7	395.5	417.0
Volume sold (MMBF)	495.6	337.8	162.1	154.1	336.6	380.6
Volume harvested (MMBF)	808.2	617.3	561.2	350.5	342.6	316.6

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
<b>Region 2—Rocky Mountain Region</b>						
<b>Regional Office</b>						
Sales preparation	\$1,182,567	\$1,223,030	\$750,033	\$511,798	\$598,749	\$585,601
General administration	766,515	895,241	1,246,195	773,167	1,580,055	1,382,664
Analysis/documentation	68,617	103,200	23,931	5	(9)	2,448
Harvest administration	660,598	863,473	469,390	186,802	208,670	302,350
Silvicultural exams	263,981	142,514	80,759	37,114	64,959	51,472
Transportation planning	13,788	55,580	(3,901)	127,652	79,856	177,885
Appeals & litigation	0	0	0	25,095	45,688	30,750
Appeals & litigation- indirect	822	0	52,176	625	79,582	61,877
Total timber sales outlays	\$2,956,887	\$3,283,037	\$2,618,583	\$1,662,259	\$2,657,551	\$2,595,046
<b>Arapaho and Roosevelt National Forests</b>						
Sales preparation	\$259,120	\$241,126	\$148,150	\$132,766	\$541,837	\$289,835
General administration	71,364	88,681	82,346	89,778	191,441	65,823
Analysis/documentation	88,719	124,046	26,665	519	6	101,285
Harvest administration	250,945	246,280	157,627	153,338	99,954	97,422
Silvicultural exams	97,440	96,864	78,553	92,519	17,224	2,616
Transportation planning	3,047	67	0	9,295	(1,351)	(6)
Appeals & litigation	3,954	2,913	5,238	5	15,498	0
Appeals & litigation- indirect	53	0	0	0	0	0
Total timber sales outlays	\$774,641	\$799,977	\$498,579	\$478,221	\$864,608	\$556,975
Volume offered (MMBF)	7.9	4.2	1.4	2.4	5.3	2.7
Volume sold (MMBF)	2.0	4.7	3.1	1.9	0.0	5.2
Volume harvested (MMBF)	9.0	9.7	8.9	2.2	2.2	0.9
<b>Bighorn National Forest</b>						
Sales preparation	\$283,165	\$187,752	\$224,806	\$135,964	\$149,295	\$169,104
General administration	163,215	120,538	143,506	114,069	456,955	198,365
Analysis/documentation	156,099	198,572	76,576	3,203	9,262	133,974
Harvest administration	209,019	242,496	283,505	213,807	200,646	193,640
Silvicultural exams	16,634	12,581	10,860	4,123	788	56,659
Transportation planning	45,842	25,200	12,313	39,677	6,343	16,274
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation- indirect	7,292	(798)	0	0	0	0
Total timber sales outlays	\$881,266	\$786,340	\$751,565	\$510,844	\$823,289	\$768,016

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Volume offered (MMBF)	5.0	4.9	10.5	2.7	4.7	6.7
Volume sold (MMBF)	7.1	2.3	0.8	4.8	0.8	3.6
Volume harvested (MMBF)	13.8	12.0	7.1	6.8	6.9	5.3

**Black Hills National Forest**

Sales preparation	\$1,327,227	\$1,151,503	\$741,296	\$1,761,812	\$2,438,800	\$1,935,694
General administration	960,306	881,746	1,298,017	918,054	1,288,885	1,485,758
Analysis/documentation	932,636	1,103,915	1,326,048	204,853	130,544	1,854,625
Harvest administration	1,312,189	1,288,787	1,161,492	998,435	819,115	686,909
Silvicultural exams	396,554	337,068	235,900	224,793	249,469	298,265
Transportation planning	246,171	198,217	216,056	167,335	68,517	98,125
Appeals & litigation	20,427	25,177	9,120	44,404	6,883	12,947
Appeals & litigation- indirect	78,834	44,966	34,628	733,388	71,192	28,280
Total timber sales outlays	\$5,274,344	\$5,031,380	\$5,022,557	\$5,053,075	\$5,073,404	\$6,400,603
Volume offered (MMBF)	154.5	119.3	98.9	111.9	54.4	136.8
Volume sold (MMBF)	122.7	82.8	81.0	92.2	15.7	85.3
Volume harvested (MMBF)	126.6	85.2	67.5	70.5	52.5	64.8

**Grand Mesa, Uncompahgre, and Gunnison National Forests**

Sales preparation	\$747,468	\$670,930	\$408,494	\$453,858	\$731,816	\$638,389
General administration	439,007	279,180	362,140	480,324	697,529	425,057
Analysis/documentation	562,547	665,766	459,896	73,708	281,495	595,699
Harvest administration	495,435	316,638	553,917	432,033	293,181	294,796
Silvicultural exams	178,945	132,360	87,177	39,913	3,318	68,380
Transportation planning	911	426	16,096	36,409	17,112	16,823
Appeals & litigation	142	0	0	0	0	7,489
Appeals & litigation- indirect	506	4,524	0	24,557	464	171
Total timber sales outlay	\$2,424,961	\$2,069,823	\$1,887,721	\$1,540,802	\$2,024,914	\$2,046,804
Volume offered (MMBF)	39.2	34.6	20.9	5.6	11.1	15.6
Volume sold (MMBF)	18.8	34.3	20.6	11.6	0.5	7.4
Volume harvested (MMBF)	39.9	33.6	45.9	25.5	16.1	9.0

**Medicine Bow-Routt National Forests**

Sales preparation	\$778,196	\$461,551	\$499,698	\$497,115	\$675,946	\$773,294
General administration	600,741	560,373	797,076	613,252	584,719	543,509
Analysis/documentation	1,058,116	1,049,408	782,255	107,579	371,727	557,545

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Harvest administration	898,780	780,670	565,812	510,681	408,425	580,765
Silvicultural exams	402,479	235,080	104,742	115,649	76,089	349,892
Transportation planning	55,303	23,088	9,094	154,748	122,453	208,189
Appeals & litigation	5,699	12,033	(357)	0	0	25,289
Appeals & litigation- indirect	36,204	10,199	826	15,376	9,378	232
Total timber sales outlays	\$3,835,519	\$3,132,402	\$2,759,147	\$2,014,401	\$2,248,737	\$3,038,715
Volume offered (MMBF)	38.5	31.1	24.8	20.4	30.4	23.7
Volume sold (MMBF)	22.7	41.6	27.2	13.1	12.0	22.2
Volume harvested (MMBF)	56.8	31.7	38.2	24.2	21.7	19.9
<b>Nebraska National Forest</b>						
Sales preparation	\$53,513	\$31,982	\$1,579	\$437	\$13	\$2,698
General administration	18,223	11,548	1,418	10,304	22,496	20,830
Analysis/documentation	11,072	29,845	1,524	2,902	0	0
Harvest administration	21,680	9,391	790	4,185	925	28
Silvicultural exams	11,098	(1,254)	1,433	2,592	3	30
Transportation planning	0	1,932	(38)	6	0	0
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation- indirect	0	0	0	0	0	0
Total timber sales outlays	\$115,586	\$83,445	\$6,706	\$20,426	\$23,437	\$23,586
Volume offered (MMBF)	0.2	1.1	0.0	0.0	0.0	0.0
Volume sold (MMBF)	0.0	0.0	1.0	0.0	0.0	0.0
Volume harvested (MMBF)	1.0	0.0	1.0	0.0	0.0	0.0
<b>Pike and San Isabel National Forests</b>						
Sales preparation	\$115,386	\$97,840	\$45,914	\$25,884	\$113,880	\$192,856
General administration	63,364	78,705	86,833	44,743	72,920	148,350
Analysis/documentation	49,373	93,917	47,839	4,384	44,249	102,916
Harvest administration	188,961	202,362	140,335	71,707	86,194	65,837
Silvicultural exams	138,719	49,984	17,278	31,908	73,555	14,454
Transportation planning	18,045	193	(8)	138	6,258	20,566
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation- indirect	0	0	0	0	0	0
Total timber sales outlays	\$573,848	\$523,000	\$338,192	\$178,765	\$397,057	\$544,979
Volume offered (MMBF)	11.4	8.0	3.7	2.8	3.2	4.2

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Volume sold (MMBF)	3.9	1.9	1.2	0.0	0.2	0.0
Volume harvested (MMBF)	6.5	10.9	7.9	3.8	4.3	3.6

**Rio Grande-San Juan National Forests**

Sales preparation	\$946,322	\$1,003,604	\$775,926	\$637,362	\$998,034	\$1,715,389
General administration	442,714	421,688	635,447	310,216	504,530	553,985
Analysis/documentation	721,098	613,356	213,363	472,227	893,818	275,467
Harvest administration	485,708	732,340	698,066	541,854	494,156	300,731
Silvicultural exams	168,484	224,825	70,068	282,086	247,733	131,127
Transportation planning	0	14	38,738	83,966	1,832	115,017
Appeals & litigation	0	1,838	121	49	313	34,744
Appeals & litigation- indirect	168	2,293	7,944	18,536	35,699	(749)
Total timber sales outlay	\$2,764,494	\$2,999,958	\$2,439,674	\$2,346,296	\$3,176,115	\$3,125,711
Volume offered (MMBF)	48.5	27.6	24.3	14.3	14.7	18.3
Volume sold (MMBF)	34.4	25.6	15.6	4.2	6.5	9.9
Volume harvested (MMBF)	54.6	48.6	56.3	33.2	24.7	8.1

**Shoshone National Forest**

Sales preparation	\$332,213	\$281,896	\$175,488	\$92,161	\$134,419	\$244,636
General administration	123,697	184,002	126,974	88,346	130,817	138,439
Analysis/documentation	160,078	244,146	85,045	75,731	95,490	148,287
Harvest administration	180,485	241,446	119,886	131,277	128,066	122,108
Silvicultural exams	49,966	9,473	16,798	19,030	41,356	24,993
Transportation planning	21,179	0	0	100	0	18,112
Appeals & litigation	0	1,049	0	0	209	0
Appeals & litigation- indirect	0	2,115	630	0	102	35
Total timber sales outlays	\$867,618	\$964,127	\$524,822	\$406,645	\$530,460	\$696,610
Volume offered (MMBF)	8.1	5.1	5.0	8.6	10.0	3.9
Volume sold (MMBF)	1.3	2.9	2.7	0.5	3.4	2.4
Volume harvested (MMBF)	10.2	7.2	7.8	4.9	5.9	5.7

**White River National Forest**

Sales preparation	\$319,359	\$363,144	\$147,567	\$503,363	\$542,389	\$505,772
General administration	185,540	189,384	385,852	419,096	455,746	556,593
Analysis/documentation	206,658	312,467	466,075	279,559	782,081	959,032
Harvest administration	200,458	257,334	272,783	392,812	(3,524)	263,693

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Silvicultural exams	57,955	60,048	21,553	30,619	184,574	40,780
Transportation planning	27,856	57,304	15,788	24,972	6,030	2,751
Appeals & litigation	0	0	0	16,603	148	0
Appeals & litigation- indirect	0	0	0	0	9,014	0
Total timber sales outlays	\$997,825	\$1,239,681	\$1,309,618	\$1,667,024	\$1,976,457	\$2,328,621
Volume offered (MMBF)	25.2	24.2	17.1	7.9	21.5	11.2
Volume sold (MMBF)	20.5	19.5	12.3	9.0	12.2	8.0
Volume harvested (MMBF)	26.7	22.1	19.8	15.8	20.2	6.3

**Region 2 totals**

Sales preparation	\$6,344,534	\$5,714,357	\$3,918,951	\$4,752,520	\$6,925,178	\$7,053,268
General administration	3,834,685	3,711,087	5,165,805	3,861,349	5,986,094	5,519,373
Analysis/documentation	4,015,014	4,538,638	3,509,218	1,224,672	2,608,663	4,731,278
Harvest administration	4,904,257	5,181,216	4,423,606	3,636,931	2,735,809	2,908,279
Silvicultural exams	1,782,254	1,299,543	725,120	880,347	959,067	1,038,668
Transportation planning	432,143	362,021	304,139	644,300	307,049	673,736
Appeals & litigation	30,222	43,010	14,122	86,157	68,738	111,219
Appeals & litigation- indirect	123,879	63,299	96,205	792,482	205,431	89,845
Total timber sales outlays	\$21,466,989	\$20,913,170	\$18,157,165	\$15,878,757	\$19,796,029	\$22,125,665
Volume offered (MMBF)	338.5	260.1	206.6	176.6	155.3	223.0
Volume sold (MMBF)	233.4	215.6	165.5	137.3	51.3	144.0
Volume harvested (MMBF)	345.1	261.0	260.4	186.9	154.5	123.6

**Region 3—Southwestern Region**

**Regional Office**

Sales preparation	\$735,405	\$621,194	\$552,204	\$315,545	\$245,329	\$320,566
General administration	1,091,965	939,123	810,612	632,678	932,601	629,344
Analysis/documentation	40,608	47,526	44,490	(185)	62	0
Harvest administration	516,393	479,021	338,251	238,537	235,811	223,365
Silvicultural exams	548,233	470,168	212,029	232,888	202,128	147,798
Transportation planning	0	0	0	84,165	73,346	80,603
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation- indirect	111,504	95,146	91,356	72,439	92,363	271,126
Total timber sales outlays	\$3,044,108	\$2,652,178	\$2,048,941	\$1,576,068	\$1,781,638	\$1,672,802

**Apache-Sitgreaves National Forests**

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Sales preparation	\$1,452,154	\$1,509,311	\$760,009	\$1,037,454	\$779,657	\$413,146
General administration	445,038	429,666	606,174	1,103,636	942,454	964,792
Analysis documentation	733,098	1,032,379	723,454	251,029	353,155	579,555
Harvest administration	1,298,983	1,007,162	604,079	605,268	425,093	493,882
Silvicultural exams	561,282	287,170	91,984	238,969	157,755	170,261
Transportation planning	25,607	12,547	387	4,538	56,903	13,004
Appeals & litigation	43,840	39,543	37,146	1,171,382	20	393,080
Appeals & litigation- indirect	2,874	17,738	0	3,168	97,775	45,879
Total timber sales outlays	\$4,562,876	\$4,335,516	\$2,823,233	\$4,415,445	\$2,812,812	\$3,073,599
Volume offered (MMBF)	35.2	38.5	21.1	30.1	6.9	24.4
Volume sold (MMBF)	27.7	35.8	12.8	11.1	0.4	12.2
Volume harvested (MMBF)	73.4	56.7	35.9	26.9	12.5	20.9
<b>Carson National Forest</b>						
Sales preparation	\$568,080	\$717,947	\$442,874	\$468,116	\$234,879	\$593,021
General administration	318,355	278,212	471,771	372,056	335,187	550,385
Analysis/documentation	342,638	516,367	473,356	144,164	152,691	141,930
Harvest administration	753,800	315,109	225,940	125,222	87,843	128,366
Silvicultural exams	105,648	170,381	115,420	72,965	302,469	72,071
Transportation	6,007	15,930	822	32,422	17,868	12,370
Appeals & litigation	0	7,065	6,303	19,721	4,246	39,139
Appeals & litigation- indirect	649	33,019	9,263	4,270	15,777	0
Total timber sales outlays	\$2,095,178	\$2,054,029	\$1,745,748	\$1,238,937	\$1,150,960	\$1,537,282
Volume offered (MMBF)	2.6	7.5	3.2	3.6	1.5	5.6
Volume sold (MMBF)	1.9	3.6	3.9	2.2	0.0	2.2
Volume harvested (MMBF)	17.5	7.6	5.0	5.4	2.7	3.7
<b>Cibola National Forest</b>						
Sales preparation	\$252,817	\$131,771	\$137,795	\$142,918	\$217,142	\$36,456
General administration	185,253	180,435	229,150	171,321	305,602	228,713
Analysis/documentation	181,405	159,581	123,895	3,761	710	178,772
Harvest administration	217,523	459,314	115,144	106,603	101,690	92,656
Silvicultural exams	139,853	53,750	45,387	(93)	598	40,638
Transportation planning	19,902	4,135	(20)	19,906	8,638	29,003
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation- indirect	0	116	0	4,608	32	0

(continued)



**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Total timber sales outlays	\$996,753	\$989,101	\$651,350	\$449,023	\$634,413	\$606,238
Volume offered (MMBF)	6.1	7.9	4.7	4.3	3.1	4.4
Volume sold (MMBF)	2.1	0.0	0.0	2.2	0.0	0.0
Volume harvested (MMBF)	5.3	4.0	3.4	4.7	2.1	7.2
<b>Coconino National Forest</b>						
Sales preparation	\$1,121,674	\$965,440	\$626,165	\$1,081,501	\$456,844	\$450,516
General administration	563,230	450,855	736,686	478,214	765,107	578,904
Analysis/documentation	1,283,030	1,653,018	919,909	189,536	988,785	609,655
Harvest administration	502,552	490,645	542,221	211,384	305,487	269,961
Silvicultural exams	384,198	360,238	345,232	261,979	242,674	246,991
Transportation	29,480	37,672	9,490	167,098	93,410	19,964
Appeals & litigation	9,830	271,486	(260,796)	0	0	0
Appeals & litigation- indirect	14,820	2,730,632	780,751	223,276	6,232	7,981
Total timber sales outlays	\$3,908,815	\$6,959,987	\$3,699,657	\$2,612,988	\$2,858,539	\$2,183,972
Volume offered (MMBF)	63.2	29.6	28.7	34.7	6.8	32.4
Volume sold (MMBF)	38.2	34.4	11.1	8.7	0.1	2.8
Volume harvested (MMBF)	86.5	40.1	29.2	19.9	10.0	15.0
<b>Coronado National Forest</b>						
Sales preparation	\$85,744	\$43,658	\$23,522	\$45,143	\$32,175	\$37,523
General administration	17,711	23,620	62,219	84,188	140,221	135,245
Analysis/documentation	5,150	12,562	26,733	6,560	128	8,803
Harvest administration	93,530	113,123	63,648	110,139	104,774	70,876
Silvicultural exams	12,839	20,960	16,159	8,727	4,684	24,531
Transportation planning	0	0	0	0	21,676	(1,361)
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation- indirect	0	0	0	0	1,104	4
Total timber sales outlays	\$214,974	\$213,923	\$192,281	\$254,756	\$304,763	\$275,621
Volume offered (MMBF)	0.1	1.0	0.9	0.8	0.3	0.4
Volume sold (MMBF)	0.0	0.0	7.6	0.0	0.0	0.0
Volume harvested (MMBF)	0.4	0.5	0.2	0.2	0.2	0.2
<b>Gila National Forest</b>						
Sales preparation	\$647,497	\$857,396	\$285,199	\$450,701	\$434,181	\$290,777

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
General administration	475,409	491,234	342,327	243,760	646,100	293,458
Analysis/documentation	347,449	420,300	260,382	80,208	140,705	82,780
Harvest administration	479,197	1,712,032	568,800	91,455	173,305	78,886
Silvicultural exams	355,422	117,081	122,237	76,024	20,203	45,750
Transportation planning	(464)	12	37,482	5,005	49,094	66,046
Appeals & litigation	14,419	14,541	3,185	48,618	79,179	28,097
Appeals & litigation- indirect	0	549	2,313	1,628	10,901	12,982
Total timber sales outlays	\$2,318,929	\$3,613,145	\$1,621,925	\$997,401	\$1,553,669	\$898,776
Volume offered (MMBF)	19.5	11.0	5.3	3.7	3.9	3.9
Volume sold (MMBF)	16.4	0.1	7.1	0.2	0.9	0.2
Volume harvested (MMBF)	32.7	18.6	14.3	6.7	2.3	2.1
<b>Kaibab National Forest</b>						
Sales preparation	\$851,560	\$1,117,849	\$669,402	\$562,984	\$590,038	\$541,143
General administration	415,869	422,002	531,255	373,535	487,636	438,382
Analysis/documentation	1,074,272	1,031,050	442,086	51,030	92,992	114,859
Harvest administration	812,487	650,088	219,520	171,793	190,396	252,650
Silvicultural exams	312,152	229,311	96,319	72,711	276,559	282,368
Transportation planning	50,185	16,923	17,278	6,647	10,948	50,285
Appeals & litigation	22,692	35,110	732	(29)	2,402	7,964
Appeals & litigation- indirect	1,382,468	1,550,774	0	9,731	6,803	4,500
Total timber sales outlays	\$4,921,685	\$5,053,106	\$1,976,592	\$1,248,403	\$1,657,774	\$1,692,151
Volume offered (MMBF)	29.2	29.3	12.3	25.2	1.9	30.8
Volume sold (MMBF)	13.8	13.4	19.5	0.8	0.1	23.4
Volume harvested (MMBF)	47.3	29.7	7.7	13.5	5.0	18.0
<b>Lincoln National Forest</b>						
Sales preparation	\$310,849	\$295,120	\$119,343	\$102,527	\$259,147	\$58,094
General administration	258,380	110,033	166,454	175,622	223,596	120,393
Analysis/documentation	426,145	302,012	176,625	10,833	(422)	14,912
Harvest administration	360,236	141,225	63,161	112,915	87,014	120,191
Silvicultural exams	136,552	188,000	36,697	46,131	64,811	60,411
Transportation	6,067	(357)	0	8,391	2,318	2,054
Appeals & litigation	56,479	13,857	61,767	1,951	2,185	0
Appeals & litigation- indirect	0	208,192	0	0	0	0
Total timber sales outlays	\$1,554,708	\$1,258,082	\$624,047	\$458,369	\$638,649	\$376,055

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Volume offered (MMBF)	5.2	2.8	1.6	5.2	1.2	3.7
Volume sold (MMBF)	1.5	3.6	0.2	2.7	0.0	1.5
Volume harvested (MMBF)	2.7	4.2	3.3	3.6	1.3	2.8
<b>Prescott National Forest</b>						
Sales preparation	\$104,785	\$133,074	\$125,730	\$196,868	\$168,365	\$178,223
General administration	24,675	45,049	59,906	52,522	226,311	242,232
Analysis/documentation	78,143	79,046	82,223	6,874	10,525	66,370
Harvest administration	113,912	138,913	99,025	98,468	177,030	204,643
Silvicultural exams	45,303	36,749	12,820	35,624	37,621	14,127
Transportation planning	0	0	0	2,031	8,510	51,440
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation- indirect	0	0	0	0	0	0
Total timber sales outlays	\$366,818	\$432,831	\$379,703	\$392,387	\$628,362	\$757,035
Volume offered (MMBF)	3.7	3.3	5.9	3.3	1.9	2.4
Volume sold (MMBF)	0.0	0.0	2.4	0.0	0.0	0.0
Volume harvested (MMBF)	4.6	2.9	4.1	3.3	2.2	4.9
<b>Santa Fe National Forest</b>						
Sales preparation	\$818,997	\$561,928	\$244,891	\$451,256	\$603,522	\$306,767
General administration	340,313	288,955	467,233	521,782	579,103	467,545
Analysis/documentation	622,922	1,383,424	486,145	117,740	18,355	212,162
Harvest administration	573,348	406,816	268,711	97,165	119,935	212,996
Silvicultural exams	272,271	203,415	133,893	37,646	8,650	43,131
Transportation planning	14,644	7,481	1,846	10,325	31,664	14,510
Appeals & litigation	36,240	63,288	2,984	4,372	0	14,778
Appeals & litigation- planning	8,795	5,532	8	7,711	8,003	3,353
Total timber sales outlays	\$2,687,530	\$2,920,838	\$1,605,708	\$1,247,997	\$1,369,232	\$1,275,242
Volume offered (MMBF)	7.8	9.7	4.7	11.4	4.4	13.8
Volume sold (MMBF)	5.6	3.4	0.6	3.1	0.0	4.4
Volume harvested (MMBF)	15.2	19.0	3.0	10.0	6.3	6.7
<b>Tonto National Forest</b>						
Sales preparation	\$255,334	\$150,477	\$203,460	\$247,719	\$230,968	\$207,316
General administration	49,470	168,306	159,712	228,824	453,458	416,112

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Analysis/documentation	320,177	129,752	92,680	783	102	38,708
Harvest administration	139,007	212,475	107,237	118,083	149,510	155,282
Silvicultural exams	112,080	89,905	48,620	10,649	3,901	9,015
Transportation planning	15,648	5,681	22,458	5,866	7,427	23,628
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation- indirect	0	0	0	0	0	0
Total timber sales outlays	\$891,716	\$756,596	\$634,165	\$611,924	\$845,366	\$850,061
Volume offered (MMBF)	10.1	8.1	8.5	6.8	2.4	2.2
Volume sold (MMBF)	5.6	4.0	4.8	4.3	0.3	0.2
Volume harvested (MMBF)	6.2	7.2	7.8	5.3	1.7	1.7

**Region 3 totals**

Sales preparation	\$7,204,896	\$7,105,164	\$4,190,593	\$5,102,731	\$4,252,248	\$3,433,548
General administration	4,185,670	3,827,491	4,643,497	4,438,138	6,037,376	5,065,505
Analysis/documentation	5,455,037	6,767,015	3,851,976	862,333	1,757,790	2,048,506
Harvest administration	5,860,970	6,125,923	3,215,735	2,087,032	2,157,888	2,303,754
Silvicultural exams	2,985,834	2,227,127	1,276,795	1,094,220	1,322,053	1,157,092
Transportation planning	167,074	100,023	89,742	346,394	381,802	361,546
Appeals & litigation	183,501	444,890	(148,678)	1,246,016	88,032	483,058
Appeals & litigation- indirect	1,521,109	4,641,698	883,690	326,832	238,989	345,826
Total timber sales outlays	\$27,564,091	\$31,239,332	\$18,003,350	\$15,503,696	\$16,236,178	\$15,198,834
Volume offered (MMBF)	182.7	148.7	96.9	129.1	34.3	123.9
Volume sold (MMBF)	112.8	98.3	70.0	35.3	1.8	46.9
Volume harvested (MMBF)	291.8	190.5	113.9	99.5	46.3	83.3

**Region 4—Intermountain Region**

**Regional Office**

Sales preparation	\$1,156,035	\$1,069,213	\$1,140,805	\$615,060	\$531,275	\$633,932
General administration	705,558	894,492	1,581,670	1,111,733	1,182,720	1,201,041
Analysis/documentation	36,042	8,786	6,159	(477)	0	49,295
Harvest administration	627,842	839,077	522,829	501,240	347,363	425,161
Silvicultural exams	227,114	82,984	13,869	3,860	203,545	203,046
Transportation	0	0	0	177,369	50,082	126,962
Appeals & litigation	0	0	0	6,097	26,544	38,437
Appeals & litigation- indirect	35,333	348	13,206	77,054	32,847	90,925
Total timber sales outlays	\$2,787,923	\$2,894,899	\$3,278,537	\$2,491,937	\$2,374,376	\$2,768,798

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
<b>Boise National Forest</b>						
Sales preparation	\$1,471,829	\$1,499,582	\$1,188,170	\$2,539,511	\$3,509,973	\$2,030,172
General administration	268,967	688,735	904,021	1,078,239	1,482,792	2,004,333
Analysis/documentation	1,666,115	2,157,776	2,084,059	2,166,750	926,716	2,139,995
Harvest administration	1,190,278	1,548,727	1,484,740	1,640,476	1,910,757	1,293,686
Silvicultural exams	175,696	333,340	412,757	335,121	330,177	167,284
Transportation planning	0	0	0	308,479	245,280	226,385
Appeals & litigation	840	18,984	218	0	0	1,680
Appeals & litigation- indirect	9,142	4,796	18,247	70,479	47,137	2,085
Total timber sales outlays	\$4,782,867	\$6,251,940	\$6,092,211	\$8,139,055	\$8,452,831	\$7,865,620
Volume offered (MMBF)	92.7	182.4	75.3	212.1	64.6	39.7
Volume sold (MMBF)	93.8	157.4	21.1	68.3	53.5	39.5
Volume harvested (MMBF)	106.0	157.7	06.7	85.4	112.4	64.9
<b>Bridger-Teton National Forests</b>						
Sales preparation	\$443,284	\$610,945	\$348,632	\$318,664	\$472,121	\$391,387
General administration	100,749	115,231	155,240	187,366	344,444	252,658
Analysis/documentation	163,440	49,937	36,726	34	483	0
Harvest administration	217,278	164,261	135,055	83,539	88,292	63,576
Silvicultural exams	29,488	32,703	36,130	145,652	189,636	184,531
Transportation planning	40,374	59,341	122	3,957	3,570	20,821
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation- indirect	0	0	0	0	0	0
Total timber sales outlays	\$994,613	\$1,032,418	\$711,905	\$739,212	\$1,098,546	\$912,973
Volume offered (MMBF)	19.0	6.9	10.6	5.5	9.3	2.7
Volume sold (MMBF)	14.1	9.3	4.0	4.8	6.7	2.7
Volume harvested (MMBF)	11.6	17.3	16.4	13.0	7.8	8.3
<b>Caribou National Forest</b>						
Sales preparation	\$304,431	\$340,936	\$297,711	\$302,981	\$311,993	\$207,683
General administration	138,384	154,428	127,125	188,243	208,272	194,917
Analysis/documentation	115,038	80,920	39,123	27,430	57,331	136,968
Harvest administration	124,338	200,676	111,106	172,995	129,600	95,249
Silvicultural exams	24,906	110,474	173,620	38,161	25,291	40,746
Transportation planning	0	29,701	42	31,160	10,494	10,491

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Appeals & litigation	0	2,047	0	(24)	0	0
Appeals & litigation- indirect	0	2,047	21,371	(564)	0	0
Total timber sales outlays	\$707,098	\$921,231	\$770,098	\$760,382	\$742,980	\$686,054
Volume offered (MMBF)	15.1	12.7	11.5	10.2	13.5	10.3
Volume sold (MMBF)	10.9	4.2	11.7	3.4	6.1	5.0
Volume harvested (MMBF)	11.6	9.2	7.7	9.9	8.8	10.5
<b>Dixie National Forest</b>						
Sales preparation	\$876,957	\$1,034,536	\$1,240,391	\$1,374,546	\$1,857,273	\$1,167,841
General administration	304,158	250,486	292,793	707,212	794,261	762,751
Analysis/documentation	384,586	355,348	383,817	124,034	4,357	47,043
Harvest administration	298,015	325,103	182,924	216,177	125,591	290,182
Silvicultural exams	134,283	183,085	128,699	71,082	54,620	82,496
Transportation planning	30,359	120,805	113,569	54,031	(100)	66,687
Appeals & litigation	670	11,332	0	79	0	12,297
Appeals & litigation- indirect	5,631	7,727	12,297	36,224	2,458	3,365
Total timber sales outlays	\$2,034,658	\$2,288,420	\$2,354,490	\$2,583,386	\$2,838,459	\$2,432,662
Volume offered (MMBF)	14.0	25.9	28.5	28.8	27.5	19.3
Volume sold (MMBF)	0.1	4.9	19.2	11.3	22.4	7.5
Volume harvested (MMBF)	16.5	15.6	19.2	7.9	17.5	20.0
<b>Fishlake National Forest</b>						
Sales preparation	\$220,733	\$254,915	\$198,288	\$191,385	\$198,931	\$213,579
General administration	72,195	59,924	79,240	172,219	102,648	161,783
Analysis/documentation	23,614	41,044	25,094	11,714	14,819	61,806
Harvest administration	57,266	68,063	89,959	91,760	93,717	88,276
Silvicultural exams	37,463	214,605	27,631	10,790	19,783	22,144
Transportation planning	0	0	0	3,363	973	7,328
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation- indirect	0	0	0	0	0	0
Total timber sales outlays	\$411,272	\$638,551	\$420,213	\$481,232	\$430,871	\$554,916
Volume offered (MMBF)	4.0	4.6	4.0	4.9	4.0	10.6
Volume sold (MMBF)	2.9	3.0	2.3	3.2	1.8	7.4
Volume harvested (MMBF)	4.3	4.4	3.1	2.3	3.4	5.0

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
<b>Humboldt-Toiyabe National Forests</b>						
Sales preparation	\$297,401	\$809,055	\$656,960	\$548,013	\$765,806	\$71,805
General administration	128,036	124,273	112,048	64,806	147,791	188,184
Analysis/documentation	65,029	23,258	68,416	766	(4)	0
Harvest administration	93,462	96,337	35,471	50,102	84,039	460,470
Silvicultural exams	9,888	10,125	118,380	36,567	109,605	4,171
Transportation planning	62	0	0	2,602	0	0
Appeals & litigation	33,278	3,435	0	0	0	0
Appeals & litigation- indirect	0	10,301	3,323	0	0	0
Total timber sales outlays	\$627,158	\$1,076,784	\$994,598	\$702,856	\$1,107,236	\$724,630
Volume offered (MMBF)	0.6	9.0	0.6	6.1	12.7	8.2
Volume sold (MMBF)	0.6	0.4	8.6	0.0	0.0	6.1
Volume harvested (MMBF)	6.2	3.2	10.7	3.0	2.6	5.3
<b>Manti-La Sal National Forests</b>						
Sales preparation	\$139,234	\$257,259	\$119,407	\$575,480	\$614,958	\$518,301
General administration	88,804	78,420	169,234	195,778	224,878	179,847
Analysis/documentation	104,104	18,808	61,671	685	0	0
Harvest administration	183,416	229,380	362,346	109,132	217,053	1,201
Silvicultural exams	23,747	36,427	167,929	76,532	12,446	128,009
Transportation planning	(140)	0	(1,328)	54,251	16,674	16,926
Appeals & litigation	1,340	0	0	0	0	0
Appeals & litigation- indirect	623	0	0	0	2,359	0
Total timber sales outlays	\$541,130	\$620,294	\$879,259	\$1,011,859	\$1,088,367	\$844,284
Volume offered (MMBF)	3.6	3.5	2.9	2.6	12.2	16.8
Volume sold (MMBF)	3.6	1.4	2.5	0.9	3.1	21.4
Volume harvested (MMBF)	5.6	4.5	3.5	3.5	4.4	4.2
<b>Northern Utah Eco Group</b>						
Sales preparation	\$834,975	\$779,853	\$628,735	\$953,930	\$1,312,644	\$1,209,290
General administration	331,678	240,378	440,076	557,404	692,194	797,730
Analysis/documentation	496,627	467,177	445,741	173,756	262,279	148,813
Harvest administration	564,384	430,588	329,186	356,559	359,618	402,012
Silvicultural exams	355,197	74,939	54,330	130,077	130,730	87,717
Transportation planning	12,800	95	541	132,129	35,229	90,323
Appeals & litigation	0	0	3,968	17,604	(1,644)	0

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Appeals & litigation- indirect	12,234	3,323	0	0	0	5,081
Total timber sales outlays	\$2,607,896	\$1,996,352	\$1,902,578	\$2,321,459	\$2,791,050	\$2,740,966
Volume offered (MMBF)	30.1	33.3	21.3	21.2	32.5	28.1
Volume sold (MMBF)	21.9	27.8	11.0	9.4	14.0	26.7
Volume harvested (MMBF)	33.2	31.2	30.2	19.9	21.0	17.5
<b>Payette National Forest</b>						
Sales preparation	\$1,524,585	\$2,550,013	\$1,439,999	\$3,212,010	\$1,771,588	\$1,698,177
General administration	563,138	658,883	993,138	1,451,039	1,342,145	1,886,670
Analysis/documentation	1,924,843	2,168,836	1,957,699	1,695,575	1,080,783	1,683,688
Harvest administration	864,791	1,026,600	897,370	752,848	885,122	800,642
Silvicultural exams	131,808	212,550	265,905	46,395	37,918	59,684
Transportation planning	101,609	115,181	116,151	242,581	22,422	74,255
Appeals & litigation	18,165	39,223	9,026	7,010	508	0
Appeals & litigation- indirect	17,444	0	12,039	3,109	10,685	16,247
Total timber sales outlays	\$5,146,383	\$6,771,286	\$5,691,326	\$7,410,568	\$5,151,171	\$6,219,363
Volume offered (MMBF)	91.7	55.9	62.8	54.2	105.1	34.0
Volume sold (MMBF)	79.0	46.2	46.2	51.4	91.9	35.2
Volume harvested (MMBF)	89.5	54.4	55.9	33.6	56.9	60.5
<b>Salmon-Challis National Forests</b>						
Sales preparation	\$762,334	\$622,491	\$483,356	\$761,264	\$779,800	\$504,091
General administration	372,706	355,867	573,105	523,020	589,090	521,003
Analysis/documentation	477,081	998,700	714,535	456,460	261,895	565,592
Harvest administration	399,333	438,619	377,075	291,591	277,842	170,008
Silvicultural exams	321,451	323,997	395,992	22,688	257,337	109,236
Transportation planning	0	0	31,305	62,473	21,704	165,556
Appeals & litigation	853	1,647	3,120	62	0	0
Appeals & litigation- indirect	1,061	6,168	4,003	3,508	21,437	9,004
Total timber sales outlays	\$2,334,818	\$2,747,488	\$2,582,492	\$2,121,064	\$2,209,105	\$2,044,490
Volume offered (MMBF)	23.2	14.4	13.0	8.3	11.4	9.1
Volume sold (MMBF)	16.9	9.6	8.9	6.4	8.8	2.7
Volume harvested (MMBF)	25.3	27.9	17.0	10.6	12.5	8.6

**Sawtooth National Forest**

(continued)



**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Sales preparation	\$192,700	\$287,149	\$387,104	\$315,020	\$248,813	\$231,897
General administration	51,570	61,935	93,591	93,845	127,652	223,403
Analysis/documentation	53,501	625	0	0	21	63,247
Harvest administration	137,703	140,069	378,745	84,836	149,120	108,725
Silvicultural exams	22,299	75,547	(13,332)	82,503	97,481	59,783
Transportation planning	0	0	0	0	0	0
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation- indirect	0	0	0	0	0	0
Total timber sales outlays	\$457,773	\$565,324	\$846,108	\$576,204	\$623,086	\$687,055
Volume offered (MMBF)	10.7	25.2	8.1	23.6	22.7	4.1
Volume sold (MMBF)	2.8	5.4	2.4	3.0	14.7	0.2
Volume harvested (MMBF)	11.5	11.6	18.0	9.1	11.9	8.8
<b>Targhee National Forest</b>						
Sales preparation	\$1,106,230	\$700,070	\$425,250	\$186,585	\$105,224	\$275,393
General administration	184,047	233,609	80,104	285,643	139,608	355,610
Analysis/documentation	734,286	458,250	78,392	147,707	112,636	58,457
Harvest administration	377,929	409,078	158,305	204,036	115,955	87,473
Silvicultural exams	52,897	337,907	38,484	139,714	99,942	93,349
Transportation planning	(104,965)	100,726	40,296	78,695	35,763	104,040
Appeals & litigation	9,741	18,214	(1,551)	(1)	0	0
Appeals & litigation-	4,468	10,829	(87)	1,004	0	510
Total timber sales	\$2,364,634	\$2,268,683	\$819,194	\$1,043,383	\$609,128	\$974,832
Volume offered (MMBF)	127.2	19.5	8.6	11.1	8.4	8.7
Volume sold (MMBF)	11.1	12.9	4.1	1.5	5.7	5.7
Volume harvested (MMBF)	45.1	22.4	16.6	10.1	5.7	7.6
<b>Region 4 totals</b>						
Sales preparation	\$9,330,728	\$10,816,017	\$8,554,810	\$11,894,449	\$12,480,397	\$9,153,548
General administration	3,309,990	3,916,662	5,601,386	6,616,548	7,378,493	8,729,930
Analysis/documentation	6,244,307	6,829,465	5,901,431	4,804,435	2,721,316	4,954,904
Harvest administration	5,136,037	5,916,578	5,065,110	4,555,289	4,784,069	4,286,661
Silvicultural exams	1,546,239	2,028,681	1,820,395	1,139,142	1,568,511	1,242,196
Transportation planning	80,099	425,850	300,699	1,151,091	442,090	909,774
Appeals & litigation	64,887	94,880	14,780	30,827	25,409	52,414
Appeals & litigation- indirect	85,937	45,538	84,398	190,814	116,923	127,217

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Total timber sales outlays	\$25,798,224	\$30,073,671	\$27,343,008	\$30,382,596	\$29,517,207	\$29,456,643
Volume offered (MMBF)	431.9	403.3	247.2	388.6	323.9	191.3
Volume sold (MMBF)	257.7	282.5	142.0	163.6	228.7	160.1
Volume harvested (MMBF)	366.4	359.4	305.0	208.3	264.9	221.1

**Region 5—Pacific Southwest Region**

**Regional Office**

Sales preparation	\$2,594,866	\$2,158,780	\$1,266,541	\$698,327	\$720,223	\$658,276
General administration	2,586,227	1,910,014	2,054,467	2,717,278	2,514,297	2,233,433
Analysis/documentation	668,586	70,046	276,189	59,796	54,159	75,057
Harvest administration	1,027,343	1,054,041	728,477	465,043	631,478	593,271
Silvicultural exams	1,757,171	1,418,577	1,264,892	1,446,172	1,140,037	934,396
Transportation planning	647,162	321,420	254,496	384,189	456,179	385,111
Appeals & litigation	265,991	323,093	18,390	2,555	729	(337)
Appeals & litigation- indirect	178,273	121,457	189,175	57,575	77,764	52,628
Total timber sales outlays	\$9,725,619	\$7,377,427	\$6,052,627	\$5,830,935	\$5,594,867	\$4,931,834

**Angeles National Forest**

Sales preparation	\$104,085	\$12,801	\$14,337	\$33,011	\$29,046	\$39,323
General administration	22,793	4,223	9,851	39,239	36,373	59,712
Analysis/documentation	5,122	3,190	1,128	(35)	0	0
Harvest administration	69,113	23,594	14,970	2	(281)	191
Silvicultural exams	18,090	10,888	6,334	1,641	96	6
Transportation planning	0	0	0	1,622	(1)	0
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation- indirect	0	0	0	0	0	0
Total timber sales outlays	\$219,202	\$54,696	\$46,620	\$75,479	\$65,232	\$99,232

Volume offered (MMBF)	0.3	0.3	0.4	0.6	0.4	0.4
Volume sold (MMBF)	0.0	0.0	0.0	0.0	0.0	0.0
Volume harvested (MMBF)	0.3	0.3	0.1	0.2	0.3	0.1

**Cleveland National Forest**

Sales preparation	\$73,205	\$6,543	\$3,697	\$17,283	\$410	\$5,649
General administration	21,697	16,142	13,079	9,460	603	9,062
Analysis/documentation	13,369	4,141	2,798	194	0	0
Harvest administration	46,373	7,483	10,757	10,024	(82)	1,405

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**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Silvicultural exams	12,444	910	15,985	6,301	(1,559)	15,382
Transportation planning	0	0	0	(1)	0	0
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation-	0	0	0	0	0	0
Total timber sales outlays	\$167,088	\$35,218	\$46,316	\$43,261	\$(629)	\$31,498
Volume offered (MMBF)	0.3	0.5	0.2	0.2	0.2	0.2
Volume sold (MMBF)	0.0	0.0	0.0	0.0	0.0	0.0
Volume harvested (MMBF)	0.2	0.3	0.2	0.2	0.2	0.2
<b>Eldorado National Forest</b>						
Sales preparation	\$2,088,602	\$3,102,990	\$1,424,139	\$1,368,735	\$2,109,907	\$2,157,908
General administration	971,434	1,053,845	944,204	934,204	1,038,416	1,352,027
Analysis/documentation	2,994,995	1,748,190	770,113	412,345	152,882	(7,287)
Harvest administration	2,374,204	1,891,957	1,697,139	1,077,877	603,123	658,228
Silvicultural exams	135,822	103,379	122,796	127,854	8,021	4,126
Transportation planning	313,170	39,280	(11,189)	173,260	260,910	88,136
Appeals & litigation	0	714	151,716	765,846	421,246	8,656
Appeals & litigation- indirect	3,981	629,656	986,720	430,111	355,993	315,557
Total timber sales outlays	\$8,882,209	\$8,570,011	\$6,085,638	\$5,290,231	\$4,950,498	\$4,577,351
Volume offered (MMBF)	148.1	159.8	35.5	15.8	40.3	60.1
Volume sold (MMBF)	94.2	118.0	0.6	3.4	8.9	41.5
Volume harvested (MMBF)	144.5	97.4	87.1	14.0	20.4	24.7
<b>Inyo National Forest</b>						
Sales preparation	\$343,370	\$180,735	\$173,337	\$391,325	\$171,939	\$88,365
General administration	817,100	115,249	93,335	206,621	72,427	89,157
Analysis/documentation	124,701	74,404	59,096	774	(0)	(100)
Harvest administration	140,516	211,432	181,762	129,568	88,819	91,028
Silvicultural exams	65,785	53,724	69,341	45,256	43,311	36,302
Transportation planning	0	0	0	28,711	26,965	18,160
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation- indirect	5,980	0	1,226	0	0	0
Total timber sales outlays	\$1,497,452	\$635,546	\$578,098	\$802,255	\$403,461	\$322,912
Volume offered (MMBF)	10.0	10.5	5.6	5.8	5.8	3.7
Volume sold (MMBF)	11.9	10.2	3.2	0.0	1.4	0.9

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Volume harvested (MMBF)	12.6	8.4	0.0	12.5	8.9	4.0
<b>Klamath National Forest</b>						
Sales preparation	\$2,286,030	\$1,023,011	\$1,137,659	\$2,466,792	\$3,907,264	\$2,718,277
General administration	1,087,287	889,914	521,146	961,021	1,540,768	1,457,713
Analysis/documentation	2,420,476	1,053,127	999,540	861,018	16,928	10,013
Harvest administration	1,080,529	793,510	641,812	419,727	636,856	833,105
Silvicultural exams	444,087	38,288	60,228	134,664	(663)	3
Transportation planning	1,056	53,561	201,494	204,149	669,807	107,320
Appeals & litigation	4,474	(165)	0	0	0	17,682
Appeals & litigation- indirect	57,599	248,437	11,776	0	0	0
Total timber sales outlays	\$7,381,538	\$4,099,684	\$3,573,656	\$5,047,371	\$6,770,961	\$5,144,113
Volume offered (MMBF)	30.3	30.6	27.2	36.8	54.6	52.7
Volume sold (MMBF)	9.2	26.4	19.8	21.1	35.4	48.5
Volume harvested (MMBF)	88.8	22.7	34.1	26.0	44.9	55.7
<b>Lassen National Forest</b>						
Sales preparation	\$1,819,413	\$2,159,188	\$2,072,462	\$3,251,199	\$5,226,295	\$3,507,144
General administration	855,422	1,170,521	1,017,307	931,700	1,999,377	1,857,203
Analysis/documentation	1,623,519	1,625,441	1,445,487	134,608	(8,486)	821,954
Harvest administration	1,191,782	1,230,959	1,416,072	1,581,794	1,049,925	1,235,477
Silvicultural exams	31,149	110,101	242,000	146,130	88,831	22,052
Transportation planning	256,573	(169,873)	17,870	433,970	2,182	18,569
Appeals & litigation	10,887	957	0	15	0	0
Appeals & litigation- indirect	0	88	0	284	20	0
Total timber sales outlays	\$5,788,744	\$6,127,383	\$6,211,197	\$6,479,701	\$8,358,145	\$7,462,399
Volume offered (MMBF)	80.0	110.0	114.8	104.0	97.0	90.2
Volume sold (MMBF)	29.6	97.9	84.2	36.5	60.9	101.3
Volume harvested (MMBF)	136.8	85.5	116.5	94.5	92.9	83.5
<b>Los Padres National Forest</b>						
Sales preparation	\$124,865	\$25,034	\$38,875	\$48,041	\$34,698	\$2,700
General administration	19,828	15,890	26,125	8,963	23,371	12,985
Analysis/documentation	0	0	30,131	477	0	0
Harvest administration	53,806	70,531	26,027	8,257	2,874	44,428
Silvicultural exams	0	9,322	(75)	1,900	4,335	14,735

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Transportation	0	0	0	0	0	864
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation-	0	0	0	0	0	0
Total timber sales outlays	\$198,498	\$120,777	\$121,083	\$67,637	\$65,278	\$75,712
Volume offered (MMBF)	0.3	0.3	0.3	0.0	0.3	0.2
Volume sold (MMBF)	0.0	0.0	0.0	0.0	0.0	0.0
Volume harvested (MMBF)	0.2	0.3	0.3	0.2	0.5	0.2
<b>Mendocino National Forest</b>						
Sales preparation	\$781,830	\$72,506	\$192,232	\$340,665	\$794,832	\$1,267,290
General administration	504,794	285,841	230,941	285,698	455,338	493,602
Analysis/documentation	507,410	174,628	232,608	69,649	181	1,745
Harvest administration	375,405	252,701	85,711	101,356	68,485	75,749
Silvicultural exams	117,171	15,976	23,648	48,289	27,848	15,433
Transportation planning	74	(7)	0	8,063	47,727	(276)
Appeals & litigation	130	0	0	0	0	0
Appeals & litigation- indirect	0	0	0	0	0	0
Total timber sales outlays	\$2,286,814	\$801,645	\$765,139	\$853,720	\$1,394,412	\$1,853,543
Volume offered (MMBF)	5.4	1.8	3.3	7.1	14.7	12.8
Volume sold (MMBF)	1.9	3.7	0.0	2.9	6.2	17.9
Volume harvested (MMBF)	17.8	7.3	5.8	1.1	6.4	11.0
<b>Modoc National Forest</b>						
Sales preparation	\$824,375	\$714,956	\$1,281,016	\$2,456,599	\$2,842,941	\$2,991,554
General administration	450,577	763,068	987,422	1,216,999	1,418,976	1,424,007
Analysis/documentation	944,778	874,249	860,148	33,957	(12,294)	(42)
Harvest administration	393,848	486,764	475,846	222,446	500,832	238,995
Silvicultural exams	241,877	147,191	163,735	3,883	116	5,612
Transportation planning	3,525	(74)	238,126	5,652	252	1
Appeals & litigation	539	8,363	1,179	0	0	0
Appeals & litigation- indirect	147,386	4,569	0	33	7,584	146
Total timber sales outlays	\$3,006,905	\$2,999,087	\$4,007,473	\$3,939,568	\$4,758,406	\$4,660,273
Volume offered (MMBF)	39.0	25.9	14.6	42.8	58.1	34.7
Volume sold (MMBF)	8.7	47.3	24.6	28.8	41.4	36.2
Volume harvested (MMBF)	36.5	37.0	46.8	49.2	58.6	45.2

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
<b>Plumas National Forest</b>						
Sales preparation	\$3,014,507	\$2,954,018	\$1,710,661	\$807,940	\$3,658,490	\$2,094,488
General administration	1,575,227	1,744,144	915,131	1,379,209	1,754,822	1,408,097
Analysis/documentation	4,366,505	2,485,065	1,332,122	642,316	(15,896)	275
Harvest administration	1,852,939	1,802,608	1,240,361	534,771	12,915	51,646
Silvicultural exams	565,626	269,813	107,647	235,361	185,471	1,093,948
Transportation planning	148,451	59,856	133,400	242,740	117,087	96,880
Appeals & litigation	(65,065)	73,269	10,839	7,613	8	0
Appeals & litigation- indirect	115	181	0	0	0	0
Total timber sales outlays	\$11,458,304	\$9,388,954	\$5,450,162	\$3,849,950	\$5,712,897	\$4,745,334
Volume offered (MMBF)	111.8	104.2	57.5	40.9	65.0	68.8
Volume sold (MMBF)	75.7	72.4	41.0	16.8	41.9	39.7
Volume harvested (MMBF)	164.5	88.2	76.7	74.0	41.8	42.8
<b>San Bernardino National Forest</b>						
Sales preparation	\$239,529	\$69,434	\$51,126	\$102,504	\$77,708	\$1,533
General administration	76,246	39,082	47,765	97,788	178,395	66,611
Analysis/documentation	68,202	29,415	14,900	2,605	86	1,753
Harvest administration	217,057	116,282	67,169	66,061	49,400	74,543
Silvicultural exams	36,238	25,321	23,104	1,092	(2)	4
Transportation planning	0	0	0	12,351	45	0
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation- indirect	0	0	0	0	0	0
Total timber sales outlays	\$637,272	\$279,533	\$204,065	\$282,400	\$305,632	\$144,444
Volume offered (MMBF)	2.9	2.6	2.5	2.0	1.8	1.3
Volume sold (MMBF)	0.5	0.3	0.4	0.0	0.0	0.0
Volume harvested (MMBF)	2.8	4.2	2.4	2.3	1.6	5.4
<b>Sequoia National Forest</b>						
Sales preparation	\$1,128,643	\$993,042	\$666,631	\$1,550,449	\$1,468,462	\$1,242,015
General administration	789,101	731,569	512,441	712,474	755,463	806,592
Analysis/documentation	2,038,771	1,225,125	649,491	176,881	520,236	214,604
Harvest administration	558,715	624,000	374,154	215,000	266,758	136,806
Silvicultural exams	122,839	313,906	114,149	(1,500)	9,629	29
Transportation planning	76,080	17,586	3,708	155,697	56,566	73,418

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**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Appeals & litigation	192,644	101,782	26,122	6,034	0	0
Appeals & litigation- indirect	92,772	11,371	25,819	328,982	298,826	195,497
Total timber sales outlays	\$4,999,565	\$4,018,380	\$2,372,516	\$3,144,016	\$3,375,940	\$2,668,961
Volume offered (MMBF)	63.9	37.6	21.8	20.7	15.2	33.1
Volume sold (MMBF)	11.1	46.1	11.4	2.4	6.0	9.7
Volume harvested (MMBF)	63.9	46.3	19.2	17.0	16.7	18.4
<b>Shasta-Trinity National Forest</b>						
Sales preparation	\$1,426,106	\$1,223,730	\$1,180,059	\$2,547,242	\$3,749,940	\$3,310,890
General administration	915,139	732,266	829,950	1,022,029	1,713,658	978,367
Analysis/documentation	1,838,410	1,103,694	798,111	96,153	(823)	374,374
Harvest administration	1,181,132	852,226	642,488	463,179	739,223	1,734,492
Silvicultural exams	433,395	142,942	9,657	173,576	9,117	325,737
Transportation planning	84,258	26,024	115,953	158,044	413,300	996,507
Appeals & litigation	64,154	(258)	(31)	(30)	5,444	118
Appeals & litigation- indirect	0	0	0	0	0	0
Total timber sales outlays	\$5,942,594	\$4,080,623	\$3,576,186	\$4,460,194	\$6,629,859	\$7,720,485
Volume offered (MMBF)	48.7	53.5	33.8	51.4	65.9	80.2
Volume sold (MMBF)	23.7	24.4	14.4	23.0	46.3	44.5
Volume harvested (MMBF)	116.0	73.5	42.2	30.9	50.3	49.5
<b>Sierra National Forest</b>						
Sales preparation	\$1,916,572	\$1,681,573	\$1,049,576	\$1,192,752	\$1,859,308	\$1,434,221
General administration	815,304	827,833	1,364,275	1,258,650	1,505,148	1,424,673
Analysis/documentation	1,482,319	1,114,482	437,729	68,099	17,902	40,374
Harvest administration	1,092,495	1,075,746	466,946	658,491	605,790	356,865
Silvicultural exams	274,552	175,802	165,645	104,542	74,187	5,307
Transportation planning	1,697	41,206	59,770	87,728	66,078	29,068
Appeals & litigation	0	0	4,154	0	0	0
Appeals & litigation- indirect	0	2,986	12,138	0	0	(4,662)
Total timber sales outlays	\$5,582,939	\$4,919,629	\$3,560,234	\$3,370,261	\$4,128,414	\$3,285,846
Volume offered (MMBF)	92.2	65.8	34.5	44.1	34.6	33.0
Volume sold (MMBF)	33.1	43.6	27.2	31.3	10.8	30.4
Volume harvested (MMBF)	85.0	64.9	35.5	20.7	49.0	26.4

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
<b>Six Rivers National Forest</b>						
Sales preparation	\$1,150,375	\$338,012	\$159,287	\$425,134	\$621,332	\$752,938
General administration	698,230	573,224	506,168	849,784	987,092	1,185,672
Analysis/documentation	1,277,767	628,100	158,154	45,586	324,118	681,341
Harvest administration	937,070	999,571	694,405	748,820	671,469	540,131
Silvicultural exams	130,122	155,617	50,851	2,590	234,950	817
Transportation planning	299,064	137,823	9,934	82,981	27,767	215
Appeals & litigation	3,191	766	0	105	27	107
Appeals & litigation- indirect	13,499	16,675	258,065	52,178	45	43
Total timber sales outlays	\$4,509,318	\$2,849,788	\$1,836,865	\$2,207,179	\$2,866,801	\$3,161,264
Volume offered (MMBF)	12.9	3.7	2.6	4.0	33.7	21.4
Volume sold (MMBF)	5.4	2.6	0.2	2.2	7.4	16.7
Volume harvested (MMBF)	68.6	41.9	30.9	13.0	24.8	23.1
<b>Stanislaus National Forest</b>						
Sales preparation	\$2,038,495	\$2,252,022	\$964,991	\$1,840,680	\$2,667,582	\$2,347,982
General administration	755,462	879,799	702,408	1,447,261	1,877,452	1,411,843
Analysis/documentation	2,756,816	1,973,344	605,228	180,017	101,195	24,660
Harvest administration	1,541,431	1,462,524	1,095,159	730,367	1,706,274	579,666
Silvicultural exams	200,589	153,518	272,653	225,900	149,963	552,407
Transportation planning	16	85,799	249,019	151,226	1,380	13,240
Appeals & litigation	13,915	(1,568)	0	0	0	0
Appeals & litigation-	140,019	10,913	6,222	1,297	640	818
Total timber sales	\$7,446,743	\$6,816,351	\$3,895,680	\$4,576,749	\$6,504,486	\$4,930,616
Volume offered (MMBF)	78.1	79.5	25.6	42.2	34.8	85.2
Volume sold (MMBF)	42.6	49.7	18.9	17.0	33.5	61.5
Volume harvested (MMBF)	133.5	99.6	61.0	46.9	32.6	29.8
<b>Tahoe National Forest-Lake Tahoe Basin Management Unit</b>						
Sales preparation	\$2,962,140	\$2,127,518	\$1,456,269	\$4,330,249	\$5,933,288	\$2,759,100
General administration	1,051,299	1,180,179	747,955	1,180,035	1,795,559	2,216,303
Analysis/documentation	2,276,692	2,602,586	1,795,390	325,932	66,625	2,501,873
Harvest administration	842,094	676,703	1,047,717	1,816,778	1,907,185	1,455,016
Silvicultural exams	235,867	209,659	349,122	(1,416,119)	2,322,780	406,445
Transportation planning	89,184	13,401	4,752	262,795	100,826	158,962
Appeals & litigation	72,395	23,630	10,691	0	599	0

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**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Appeals & litigation- indirect	7,785	15,101	8,133	890	0	0
Total timber sales	\$7,537,454	\$6,848,776	\$5,420,030	\$6,500,559	\$12,126,861	\$9,497,699
Volume offered (MMBF)	57.4	82.3	69.7	126.3	87.9	89.5
Volume sold (MMBF)	25.5	44.0	83.4	119.9	38.0	46.7
Volume harvested (MMBF)	78.8	42.1	44.2	50.9	101.2	74.0
<b>Region 5 totals</b>						
Sales preparation	\$24,917,007	\$21,095,893	\$14,842,894	\$23,868,927	\$35,873,666	\$27,379,653
General administration	14,013,166	12,932,803	11,523,970	15,258,412	19,667,537	18,487,059
Analysis/documentation	25,408,439	16,789,226	10,468,364	3,110,371	1,216,812	4,740,593
Harvest administration	14,975,851	13,632,634	10,906,972	9,249,559	9,541,043	8,701,043
Silvicultural exams	4,822,823	3,354,932	3,061,714	1,287,532	4,296,468	3,432,741
Transportation	1,920,311	626,004	1,277,334	2,393,176	2,247,070	1,986,175
Appeals & litigation	563,254	530,584	223,061	782,139	428,053	26,226
Appeals & litigation- indirect	647,408	1,061,434	1,499,275	871,350	740,873	560,027
Total timber sales outlays	\$87,268,258	\$70,023,510	\$53,803,584	\$56,821,467	\$74,011,521	\$65,313,516
Volume offered (MMBF)	781.6	768.9	449.9	544.7	610.3	667.4
Volume sold (MMBF)	373.1	586.6	329.3	305.3	338.1	495.5
Volume harvested (MMBF)	1150.8	719.9	613.0	453.6	551.1	494.0
<b>Region 6—Pacific Northwest Region</b>						
<b>Regional Office</b>						
Sales preparation	\$4,720,641	\$3,388,319	\$1,469,679	\$1,446,736	\$1,304,792	\$1,264,849
General administration	5,298,406	4,708,840	3,041,392	2,114,289	4,545,261	4,043,967
Analysis/documentation	1,077,063	1,091,153	833,811	148,085	48,821	176,956
Harvest administration	1,585,156	1,768,047	332,573	(973,504)	595,449	510,187
Silvicultural exams	4,009,158	4,500,456	2,407,453	551,247	154,018	595,076
Transportation planning	165	539,267	533,261	827,837	1,147,940	890,006
Appeals & litigation	432	173	928,834	(104,391)	21,239	38,414
Appeals & litigation- indirect	125,794	303,102	319,569	601,661	217,056	186,537
Total timber sales outlays	\$16,816,814	\$16,299,357	\$9,866,572	\$4,611,959	\$8,034,576	\$7,705,991
<b>Colville National Forest</b>						
Sales preparation	\$1,704,583	\$2,448,158	\$861,110	\$1,500,725	\$1,883,626	\$2,481,063
General administration	1,182,998	986,080	929,264	1,604,367	1,561,755	1,681,210
Analysis/documentation	3,476,890	2,575,308	607,224	1,554,091	1,711,475	1,003,065

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**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Harvest administration	1,389,166	1,317,834	883,752	496,437	445,627	472,907
Silvicultural exams	1,928,150	1,319,759	544,605	155,054	194,292	42,351
Transportation planning	49,714	47,325	260,972	211,771	166,849	209,548
Appeals & litigation	43,785	85,715	778,101	133,534	50,792	25,788
Appeals & litigation- indirect	47,626	74,731	16,730	147,987	4,762	23,952
Total timber sales outlays	\$9,822,910	\$8,854,910	\$4,881,758	\$5,803,965	\$6,019,179	\$5,939,884
Volume offered (MMBF)	26.4	13.5	45.1	60.3	48.1	59.1
Volume sold (MMBF)	18.4	25.5	49.8	14.6	45.6	31.1
Volume harvested (MMBF)	82.3	72.2	41.4	41.9	35.7	30.4
<b>Deschutes National Forest</b>						
Sales preparation	\$2,109,503	\$2,074,607	\$1,266,324	\$1,545,546	\$2,729,943	\$3,020,196
General administration	1,088,466	964,469	1,260,076	1,581,490	1,863,153	1,640,663
Analysis/documentation	2,041,911	1,831,132	1,281,015	1,091,384	2,126,331	1,548,478
Harvest administration	946,417	1,108,189	954,868	1,028,754	754,793	976,772
Silvicultural exams	1,107,371	1,052,857	660,865	505,188	702,005	789,895
Transportation planning	1,266	5	19,126	115,315	133,096	147,818
Appeals & litigation	39,455	134,859	149,561	(26)	8,954	0
Appeals & litigation- indirect	99,002	83,340	(514)	0	0	0
Total timber sales outlays	\$7,433,391	\$7,249,459	\$5,591,320	\$5,867,651	\$8,318,274	\$8,123,822
Volume offered (MMBF)	102.3	61.3	83.8	66.7	100.7	94.0
Volume sold (MMBF)	70.6	66.1	54.5	37.5	66.4	95.6
Volume harvested (MMBF)	152.4	139.3	128.1	129.7	58.7	93.6
<b>Fremont National Forest</b>						
Sales preparation	\$1,664,541	\$2,129,538	\$1,163,621	\$890,876	\$1,241,254	\$1,107,098
General administration	992,152	847,841	958,141	911,866	1,077,194	942,174
Analysis/documentation	1,647,780	1,609,082	872,657	530,626	559,681	529,022
Harvest administration	1,178,886	1,251,578	900,743	704,941	593,989	681,124
Silvicultural exams	660,514	790,892	340,196	230,014	161,102	150,903
Transportation planning	56,604	73,701	2,518	70,024	43,927	90,686
Appeals & litigation	23,688	18,171	825	0	4,532	931
Appeals & litigation- indirect	14,985	3,109	1,096	0	14	0
Total timber sales outlays	\$6,239,151	\$6,723,913	\$4,239,797	\$3,338,346	\$3,681,694	\$3,501,938
Volume offered (MMBF)	48.2	55.9	41.9	27.4	34.6	44.0

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Volume sold (MMBF)	53.0	46.8	13.8	14.6	30.2	37.0
Volume harvested (MMBF)	94.2	115.7	66.2	61.7	27.8	58.2

**Gifford Pinchot National Forest**

Sales preparation	\$2,757,610	\$2,141,153	\$913,200	\$1,561,768	\$3,148,081	\$3,649,549
General administration	1,450,644	971,588	1,394,775	1,942,451	1,537,616	1,313,503
Analysis/documentation	3,014,840	2,022,772	1,302,339	1,355,514	357,136	230,197
Harvest administration	2,546,874	2,254,385	1,372,245	958,303	838,347	879,493
Silvicultural exams	545,209	938,093	144,405	97,867	65,297	111,702
Transportation planning	81,756	175,525	39,320	160,638	142,754	140,722
Appeals & litigation	756	0	0	2,563	2	101,336
Appeals & litigation- indirect	2,046	0	0	0	0	0
Total timber sales outlays	\$10,399,735	\$8,503,516	\$5,166,285	\$6,079,103	\$6,089,234	\$6,426,502
Volume offered (MMBF)	22.6	14.4	8.9	2.8	59.8	63.8
Volume sold (MMBF)	22.1	13.9	0.6	9.4	46.2	55.7
Volume harvested (MMBF)	160.3	154.9	96.1	58.7	11.3	40.8

**Malheur National Forest**

Sales preparation	\$3,040,001	\$4,123,582	\$1,681,156	\$2,865,306	\$3,911,310	\$2,808,571
General administration	1,180,121	928,326	1,117,793	1,224,904	1,883,043	1,718,989
Analysis/documentation	4,909,095	4,858,472	2,464,056	747,599	1,434,230	2,146,504
Harvest administration	1,769,499	1,658,752	1,390,000	929,253	704,321	694,965
Silvicultural exams	1,449,150	1,279,103	809,185	405,845	470,978	258,650
Transportation planning	95,067	335,863	69,824	262,043	5,576	7,789
Appeals & litigation	3,816	4,308	315	2,878	470	949
Appeals & litigation- indirect	16,787	40,506	11,079	6,071	1,784	7,398
Total timber sales outlays	\$12,463,536	\$13,228,912	\$7,543,409	\$6,443,898	\$8,411,713	\$7,643,815
Volume offered (MMBF)	100.8	71.7	33.1	66.9	80.9	38.9
Volume sold (MMBF)	92.5	79.0	18.2	24.7	46.0	30.7
Volume harvested (MMBF)	184.1	126.7	127.9	132.0	47.0	43.7

**Mt. Baker-Snoqualmie National Forests**

Sales preparation	\$488,744	\$345,656	\$237,562	\$293,945	\$466,393	\$197,865
General administration	641,507	485,905	596,538	733,709	661,002	533,501
Analysis/documentation	528,857	531,030	162,630	66,722	54,070	264,808
Harvest administration	1,488,023	1,081,187	602,350	593,462	502,078	309,911

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Silvicultural exams	437,708	411,772	60,048	8,191	20,147	26,391
Transportation planning	12	1	241	31,528	11,521	172,014
Appeals & litigation	(2,915)	255	25,411	9,594	0	0
Appeals & litigation- indirect	10,922	7,148	375	95,127	42,167	47,227
Total timber sales outlays	\$3,592,858	\$2,862,953	\$1,685,155	\$1,832,277	\$1,757,376	\$1,551,717
Volume offered (MMBF)	20.4	8.9	6.0	45.8	10.1	15.2
Volume sold (MMBF)	14.4	19.9	5.8	0.4	9.9	10.0
Volume harvested (MMBF)	83.3	20.4	28.1	25.0	27.2	6.7
<b>Mt. Hood National Forest</b>						
Sales preparation	\$2,842,560	\$2,379,804	\$1,157,407	\$2,699,273	\$3,474,352	\$2,267,432
General administration	1,465,140	1,136,741	1,977,907	2,058,970	2,433,675	2,367,576
Analysis/documentation	2,749,156	2,363,633	1,857,868	888,539	1,143,707	1,448,384
Harvest administration	1,767,842	1,644,989	1,051,957	824,915	902,960	820,602
Silvicultural exams	1,016,021	589,502	172,675	217,965	162,621	318,207
Transportation	283,621	414,293	27,101	716,202	593,390	341,462
Appeals & litigation	1,259	0	0	1,938	3,373	152,383
Appeals & litigation- indirect	11,484	14,918	22,718	10,727	7,717	7,585
Total timber sales outlays	\$10,137,083	\$8,543,879	\$6,267,633	\$7,418,528	\$8,721,794	\$7,723,631
Volume offered (MMBF)	32.0	43.0	27.3	41.4	63.6	74.0
Volume sold (MMBF)	40.1	66.3	29.9	19.8	37.2	89.1
Volume harvested (MMBF)	129.4	64.0	45.6	28.1	27.0	48.3
<b>Ochoco National Forest</b>						
Sales preparation	\$2,950,307	\$2,448,746	\$1,180,297	\$2,063,340	\$1,918,419	\$1,175,535
General administration	1,173,655	851,627	1,358,483	1,241,048	1,403,406	955,300
Analysis/documentation	3,071,953	3,300,268	1,441,251	924,398	1,233,396	872,128
Harvest administration	886,331	1,007,650	743,719	657,351	650,122	573,387
Silvicultural exams	484,344	763,808	357,413	247,340	156,338	114,239
Transportation planning	356,416	282,627	182,520	13,377	80,580	25,275
Appeals & litigation	692	89,685	77,034	67,485	58,508	96,676
Appeals & litigation-	21,222	22	(2)	0	0	34,116
Total timber sales outlays	\$8,944,920	\$8,744,432	\$5,340,715	\$5,214,339	\$5,500,770	\$3,846,656
Volume offered (MMBF)	25.7	35.1	9.8	26.2	38.9	26.1
Volume sold (MMBF)	42.2	25.3	1.9	5.4	27.2	25.8

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Volume harvested (MMBF)	103.4	86.7	46.2	33.7	20.1	23.4
<b>Okanogan National Forest</b>						
Sales preparation	\$1,568,779	\$1,497,580	\$791,854	\$1,311,623	\$1,359,422	\$1,135,733
General administration	647,611	546,297	471,937	551,569	753,550	836,544
Analysis/documentation	1,553,891	1,909,918	870,825	200,161	1,142,605	1,234,745
Harvest administration	686,598	627,712	333,779	411,817	458,562	532,474
Silvicultural exams	343,992	732,119	304,586	166,277	121,655	96,114
Transportation planning	80,370	118,895	137,785	101,976	49,584	34,154
Appeals & litigation	72,717	52,551	72,688	1,711	270	0
Appeals & litigation-indirect	54,242	31,773	12,457	3,417	12,434	4,721
Total timber sales outlays	\$5,008,200	\$5,516,844	\$2,995,911	\$2,748,551	\$3,898,082	\$3,874,485
Volume offered (MMBF)	20.6	10.2	15.6	30.4	11.0	31.5
Volume sold (MMBF)	12.1	7.3	13.3	15.1	16.8	17.0
Volume harvested (MMBF)	36.0	30.3	24.7	22.0	23.5	12.3
<b>Olympic National Forest</b>						
Sales preparation	\$466,099	\$430,558	\$336,912	\$272,729	\$557,188	\$598,974
General administration	1,010,114	585,662	870,218	876,183	793,669	747,154
Analysis/documentation	541,899	427,684	214,686	178,631	195,093	17,038
Harvest administration	912,273	574,449	623,341	530,052	529,439	322,329
Silvicultural exams	641,870	271,603	96,955	67,118	71,527	125,769
Transportation planning	39,422	63,061	44,495	132,064	28,542	343,158
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation-indirect	3,461	26,695	(24,640)	0	0	0
Total timber sales outlays	\$3,615,138	\$2,379,711	\$2,161,967	\$2,056,777	\$2,175,458	\$2,154,422
Volume offered (MMBF)	15.0	8.8	9.9	10.1	11.0	13.5
Volume sold (MMBF)	8.6	13.4	12.0	0.5	13.9	8.0
Volume harvested (MMBF)	57.2	18.9	7.6	13.6	17.7	10.1
<b>Rogue River National Forest</b>						
Sales preparation	\$1,080,061	\$1,578,868	\$832,193	\$1,009,837	\$1,775,396	\$2,239,146
General administration	949,890	710,327	1,313,986	1,111,757	1,573,140	1,521,769
Analysis/documentation	1,835,773	1,287,686	471,349	271,201	274,939	11,428
Harvest administration	1,282,284	1,294,034	1,213,203	729,042	1,082,213	769,592
Silvicultural exams	480,348	248,194	109,729	36,619	84,735	46,494

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**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Transportation planning	19,920	38,082	3,848	65,320	6,672	142,257
Appeals & litigation	38	563	3,461	53,293	(29)	371,818
Appeals & litigation-indirect	35,574	30,007	18	631	0	0
Total timber sales outlays	\$5,683,888	\$5,187,762	\$3,947,787	\$3,277,700	\$4,797,065	\$5,102,504
Volume offered (MMBF)	7.2	14.7	17.2	17.2	26.6	28.9
Volume sold (MMBF)	6.0	9.3	13.6	25.0	21.0	18.9
Volume harvested (MMBF)	62.8	61.2	47.0	28.8	20.4	30.5
<b>Siskiyou National Forest</b>						
Sales preparation	\$1,910,965	\$1,751,881	\$586,979	\$443,684	\$1,134,793	\$626,671
General administration	1,437,508	1,257,621	1,289,511	1,363,368	1,367,576	1,402,876
Analysis/documentation	2,816,210	1,950,687	615,180	793,574	923,394	620,946
Harvest administration	1,501,026	1,342,439	935,058	517,912	567,074	437,442
Silvicultural exams	1,251,369	887,408	225,804	70,577	140,771	62,750
Transportation planning	138,576	48,585	(244)	111,632	249,919	165,261
Appeals & litigation	6,526	633	41,108	155	0	421,833
Appeals & litigation-indirect	4,339	16,731	9,737	8,602	12,565	5,830
Total timber sales outlays	\$9,066,520	\$7,255,987	\$3,703,133	\$3,309,503	\$4,396,093	\$3,743,609
Volume offered (MMBF)	1.8	5.0	7.8	16.7	28.4	24.4
Volume sold (MMBF)	0.8	2.5	10.5	17.2	45.5	26.7
Volume harvested (MMBF)	50.7	10.7	12.1	16.6	56.5	37.2
<b>Siuslaw National Forest</b>						
Sales preparation	\$1,936,002	\$1,300,641	\$272,035	\$1,235,888	\$1,591,880	\$1,305,930
General administration	1,454,074	821,257	756,814	894,434	631,501	673,080
Analysis/documentation	1,940,129	935,905	178,928	93,038	145,810	254,784
Harvest administration	1,262,658	1,170,116	1,550,389	875,663	689,224	597,316
Silvicultural exams	479,591	305,250	150,760	16,246	15,949	11,826
Transportation planning	4,601	1,032	31,284	84,775	181,815	157,723
Appeals & litigation	1,330	3,060	17,431	408	0	180,685
Appeals & litigation-indirect	114	0	0	0	0	0
Total timber sales outlays	\$7,078,499	\$4,537,261	\$2,957,641	\$3,200,451	\$3,256,178	\$3,181,344
Volume offered (MMBF)	4.9	8.7	4.6	9.2	28.3	28.7
Volume sold (MMBF)	6.6	2.6	4.6	0.0	25.5	35.5
Volume harvested (MMBF)	100.7	54.6	15.2	24.2	21.0	4.9

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**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
<b>Umatilla National Forest</b>						
Sales preparation	\$2,842,945	\$2,090,802	\$518,026	\$1,353,272	\$1,610,312	\$1,489,120
General administration	1,343,147	1,152,256	1,266,970	914,395	1,310,485	1,268,568
Analysis/documentation	5,305,684	4,492,371	1,883,671	679,605	1,485,545	1,086,380
Harvest administration	1,562,014	1,415,748	983,130	667,490	569,662	695,881
Silvicultural exams	1,231,299	1,281,623	899,541	740,944	413,687	438,586
Transportation plannings	6,281	10,802	180,522	397,246	365,005	343,230
Appeals & litigation	8,400	23,474	9,614	117	5,119	7,555
Appeals & litigation-indirect	24,555	2,090	12,670	5,915	5,062	5,784
Total timber sales outlays	\$12,324,324	\$10,469,167	\$5,754,144	\$4,758,983	\$5,764,877	\$5,335,104
Volume offered (MMBF)	61.5	42.0	8.5	22.3	44.7	76.5
Volume sold (MMBF)	50.8	46.2	2.6	6.0	31.4	63.9
Volume harvested (MMBF)	142.4	105.8	41.4	21.0	53.7	56.0
<b>Umpqua National Forest</b>						
Sales preparation	\$1,846,545	\$1,717,072	\$824,685	\$1,546,657	\$2,387,818	\$1,856,681
General administration	1,639,303	1,276,923	1,298,188	1,391,204	1,518,306	1,942,003
Analysis/documentation	2,783,249	1,912,090	1,060,618	479,411	592,392	1,516,051
Harvest administration	1,345,769	1,506,991	1,438,775	990,527	842,610	668,898
Silvicultural exams	535,657	314,349	80,003	261,666	118,366	230,737
Transportation planning	53,071	80,202	275,334	202,763	214,220	(14,668)
Appeals & litigation	150,461	2,276	51,730	20,932	946	361,671
Appeals & litigation-indirect	78,970	4,252	17	0	467	0
Total timber sales outlays	\$8,433,025	\$6,814,156	\$5,029,350	\$4,893,161	\$5,675,125	\$6,561,373
Volume offered (MMBF)	12.0	6.2	21.3	41.4	48.0	71.2
Volume sold (MMBF)	12.2	4.3	19.3	15.3	57.8	57.4
Volume harvested (MMBF)	147.0	107.1	121.5	54.3	66.4	52.6
<b>Wallowa-Whitman National Forests</b>						
Sales preparation	\$3,138,598	\$2,367,573	\$1,253,211	\$1,051,373	\$1,104,075	\$1,071,294
General administration	1,355,221	1,204,134	1,449,625	1,650,788	1,670,244	1,716,425
Analysis/documentation	4,015,036	3,000,779	1,697,811	1,099,739	1,165,062	1,406,528
Harvest administration	2,160,510	1,796,247	946,361	721,050	1,282,730	963,077
Silvicultural exams	1,501,339	1,096,499	190,670	260,248	139,822	172,703
Transportation planning	13,866	42,190	90,699	69,551	22,335	51,551

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**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Appeals & litigation	321,879	9,809	374	764	833	21,957
Appeals & litigation-indirect	41,558	30,257	33,071	700	0	5,688
Total timber sales outlays	\$12,548,007	\$9,547,488	\$5,661,822	\$4,854,213	\$5,385,101	\$5,409,223
Volume offered (MMBF)	79.3	24.0	29.4	53.7	53.1	49.1
Volume sold (MMBF)	39.0	30.6	9.5	15.7	51.2	45.3
Volume harvested (MMBF)	100.6	74.8	57.9	33.1	45.3	47.0
<b>Wenatchee National Forest</b>						
Sales preparation	\$2,195,623	\$1,063,391	\$842,870	\$2,120,337	\$2,852,233	\$2,280,911
General administration	1,170,335	632,178	996,094	1,574,290	1,486,476	1,206,475
Analysis/documentation	2,013,579	1,698,015	1,183,302	1,445,085	889,669	698,646
Harvest administration	1,192,411	936,670	644,991	463,828	742,395	471,189
Silvicultural exams	455,857	221,072	39,772	1,202,449	171,891	55,750
Transportation planning	198,352	213,447	381,840	173,039	183,507	362,441
Appeals & litigation	76,864	3,789	1,069	31,034	1,566	2,973
Appeals & litigation-indirect	2,017	678	1	0	0	0
Total timber sales outlays	\$7,305,038	\$4,769,240	\$4,089,940	\$7,010,063	\$6,327,736	\$5,078,385
Volume offered (MMBF)	22.9	16.8	12.0	98.8	92.5	50.4
Volume sold (MMBF)	12.7	11.8	10.8	49.0	72.7	25.4
Volume harvested (MMBF)	94.5	58.4	32.5	17.9	91.7	56.4
<b>Willamette National Forest</b>						
Sales preparation	\$4,238,445	\$2,695,301	\$1,318,749	\$2,508,117	\$3,443,273	\$4,175,935
General administration	2,638,492	1,678,016	1,928,343	2,625,634	2,749,316	2,997,271
Analysis/documentation	4,313,498	3,958,126	1,227,620	1,139,361	666,245	873,700
Harvest administration	2,640,170	2,300,732	1,669,947	1,244,091	1,147,398	1,297,478
Silvicultural exams	1,602,418	582,832	109,218	141,733	78,365	73,975
Transportation planning	281,039	69,183	136,628	337,477	326,027	389,733
Appeals & litigation	39,493	55,097	99,775	79,739	5,393	1,330,482
Appeals & litigation-indirect	34,157	20,671	14,363	18,145	24,169	16,078
Total timber sales outlays	\$15,787,713	\$11,359,958	\$6,504,643	\$8,094,297	\$8,440,186	\$11,154,652
Volume offered (MMBF)	35.6	33.1	27.2	76.2	89.8	106.6
Volume sold (MMBF)	95.5	48.0	35.9	9.4	118.4	71.2
Volume harvested (MMBF)	261.1	226.8	126.3	99.2	56.2	90.9

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**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
<b>Winema National Forest</b>						
Sales preparation	\$2,683,407	\$2,484,401	\$1,650,287	\$2,644,371	\$3,663,713	\$2,178,954
General administration	1,074,847	984,265	1,214,717	1,515,960	1,592,426	1,724,464
Analysis/documentation	2,897,700	2,672,000	1,843,020	720,660	728,200	2,520,075
Harvest administration	1,191,616	1,751,427	1,052,917	932,429	864,209	740,398
Silvicultural exams	796,118	940,919	864,982	615,828	670,161	553,688
Transportation planning	64	50,368	79,922	83,571	116,790	201,717
Appeals & litigation	10,223	11,369	(1,039)	6,158	1,218	1,489
Appeals & litigation-indirect	16,404	15,920	5,794	6,194	501	2,645
Total timber sales outlays	\$8,670,379	\$8,910,667	\$6,710,601	\$6,525,169	\$7,637,219	\$7,923,430
Volume offered (MMBF)	44.8	156.5	26.3	62.7	37.7	55.3
Volume sold (MMBF)	40.8	114.7	10.5	26.9	67.1	31.9
Volume harvested (MMBF)	87.7	132.5	61.4	35.5	68.0	24.4
<b>Region 6 totals</b>						
Sales preparation	\$46,185,959	\$40,457,631	\$19,158,158	\$30,365,404	\$41,558,273	\$36,931,507
General administration	29,193,629	22,730,352	25,490,772	27,882,674	32,412,794	31,233,512
Analysis/documentation	52,534,192	44,428,111	22,069,862	14,407,424	16,877,800	18,459,863
Harvest administration	29,295,522	27,809,177	19,624,100	13,303,811	14,763,202	13,415,422
Silvicultural exams	20,957,484	18,528,111	8,568,865	5,998,414	4,113,727	4,275,806
Transportation planning	1,760,183	2,604,454	2,496,996	4,168,146	4,070,051	4,201,877
Appeals & litigation	798,901	495,788	2,256,292	307,885	163,188	3,116,940
Appeals & litigation-indirect	645,258	705,950	434,540	905,176	328,697	347,560
Total timber sales outlays	\$181,371,127	\$157,759,574	\$100,099,585	\$97,338,934	\$114,287,731	\$111,982,486
Volume offered (MMBF)	684.0	629.8	435.7	776.2	907.8	951.2
Volume sold (MMBF)	638.4	633.5	317.1	306.5	830.0	776.2
Volume harvested (MMBF)	2130.1	1661.0	1127.2	877.0	775.2	767.4
<b>Region 8—Southern Region</b>						
<b>Regional Office</b>						
Sales preparation	\$2,763,608	\$2,076,317	\$1,063,761	\$1,034,245	\$568,230	\$1,844,916
General administration	1,940,591	2,042,745	1,917,595	1,248,343	1,975,443	2,959,665
Analysis/documentation	55,511	35,574	25,601	21,177	(313)	627,408
Harvest administration	1,207,210	1,098,698	650,458	441,812	550,666	512,355
Silvicultural exams	564,753	706,547	423,151	290,454	99,621	181,233
Transportation planning	75,250	44,878	30,125	454,512	492,490	308,487

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Appeals & litigation	0	0	0	0	546,199	0
Appeals & litigation-indirect	101,688	5,734	13,927	335,764	355,342	268,630
Total timber sales outlays	\$6,708,610	\$6,010,494	\$4,124,618	\$3,826,306	\$4,587,677	\$6,702,693
<b>National Forests in Alabama</b>						
Sales preparation	\$1,033,248	\$951,566	\$718,356	\$905,410	\$1,222,245	\$951,180
General administration	445,325	348,793	415,045	463,856	646,132	557,314
Analysis/documentation	266,053	286,947	301,013	171,135	121,296	205,423
Harvest administration	512,820	450,526	425,699	542,622	667,480	316,648
Silvicultural exams	293,964	256,374	187,209	271,014	144,975	125,088
Transportation planning	60,083	241	0	31,724	34,380	65,323
Appeals & litigation	0	0	110	3	0	0
Appeals & litigation-indirect	0	17,662	198	0	33,194	0
Total timber sales outlays	\$2,611,493	\$2,312,110	\$2,047,630	\$2,385,764	\$2,869,702	\$2,220,976
Volume offered (MMBF)	70.5	58.5	58.8	56.7	55.9	35.4
Volume sold (MMBF)	54.1	38.0	57.2	40.0	42.7	25.0
Volume harvested (MMBF)	103.8	71.0	53.5	60.2	61.4	31.4
<b>Caribbean National Forest</b>						
Sales preparation	\$610	\$2,670	\$18,098	\$213	\$0	\$0
General administration	(78)	4,493	6,642	725	6,357	5,418
Analysis/documentation	(1,348,908)	(24,146)	0	0	0	0
Harvest administration	9,106	1,333	0	0	0	0
Silvicultural exams	18,844	18,395	130	849	26,710	18,660
Transportation planning	0	0	0	417	0	0
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation-indirect	0	0	0	0	0	0
Total timber sales outlays	\$(1,320,425)	\$2,744	\$24,870	\$2,203	\$33,067	\$24,078
Volume offered (MMBF)	0.0	0.0	0.0	0.0	0.0	0.0
Volume sold (MMBF)	0.0	0.0	0.0	0.0	0.0	0.0
Volume harvested (MMBF)	0.0	0.0	0.0	0.0	0.0	0.0
<b>Chattahoochee and Oconee National Forests</b>						
Sales preparation	\$1,114,852	\$936,513	\$620,223	\$23,792	\$470,871	\$636,563
General administration	462,096	433,604	481,726	420,308	649,204	705,216
Analysis/documentation	521,375	676,750	680,513	1,513,637	1,330,661	527,956

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**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Harvest administration	472,310	501,576	363,482	321,977	326,098	432,059
Silvicultural exams	299,834	368,764	260,578	144,719	88,783	136,801
Transportation planning	128,974	85,005	104,474	98,532	7,417	51,438
Appeals & litigation	3,915	51,432	4,889	1,955	2,131	91
Appeals & litigation-indirect	21,546	20,122	18,924	501	3,305	186
Total timber sales outlays	\$3,024,903	\$3,073,766	\$2,534,808	\$2,525,420	\$2,878,470	\$2,490,310
Volume offered (MMBF)	55.6	49.5	30.9	28.0	51.0	11.6
Volume sold (MMBF)	51.3	43.4	24.6	26.2	27.4	9.4
Volume harvested (MMBF)	57.8	54.4	40.5	28.3	39.1	27.1
<b>Cherokee National Forest</b>						
Sales preparation	\$643,756	\$461,864	\$480,982	\$604,496	\$526,728	\$476,892
General administration	359,645	306,902	189,489	245,233	213,512	323,711
Analysis/documentation	174,893	269,667	331,904	26,410	34,461	157,832
Harvest administration	304,140	239,990	191,431	307,849	286,510	277,279
Silvicultural exams	303,554	360,780	104,314	137,147	66,825	97,488
Transportation	50,629	40,327	928	90,313	127,352	52,573
Appeals & litigation	255	20,638	19,853	9,471	5,869	867
Appeals & litigation-indirect	0	6,134	4,524	85	(2)	(0)
Total timber sales outlays	\$1,836,871	\$1,706,303	\$1,323,424	\$1,421,004	\$1,261,255	\$1,386,642
Volume offered (MMBF)	28.9	27.7	22.0	12.8	19.4	16.4
Volume sold (MMBF)	22.9	16.3	12.3	8.3	9.1	15.0
Volume harvested (MMBF)	31.5	29.4	21.1	17.6	11.0	14.2
<b>Daniel Boone National Forest</b>						
Sales preparation	\$795,691	\$752,572	\$740,782	\$807,447	\$903,345	\$570,546
General administration	442,672	411,616	380,525	579,790	717,688	636,559
Analysis/documentation	537,318	583,945	297,380	153,756	2,536	355,688
Harvest administration	396,929	313,650	268,605	267,102	296,895	322,861
Silvicultural exams	143,052	185,941	158,872	134,522	138,600	102,614
Transportation planning	55,242	61,374	131,601	47,733	65,790	50,714
Appeals & litigation	0	0	0	0	16,005	13,225
Appeals & litigation-indirect	0	8,757	23,401	7,014	1,824	0
Total timber sales outlays	\$2,370,904	\$2,317,855	\$2,001,167	\$1,997,362	\$2,142,683	\$2,052,207
Volume offered (MMBF)	40.8	19.6	15.9	25.3	19.2	7.9

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Volume sold (MMBF)	36.6	11.8	9.4	9.3	20.3	10.4
Volume harvested (MMBF)	38.3	38.4	20.8	12.2	19.2	16.7

**National Forests in Florida**

Sales preparation	\$923,490	\$872,211	\$590,987	\$681,678	\$772,754	\$782,537
General administration	403,423	352,555	604,449	451,110	527,539	704,672
Analysis/documentation	347,984	507,419	278,893	4,819	7,827	349,618
Harvest administration	455,230	507,014	409,607	383,797	394,551	321,948
Silvicultural exams	401,021	426,258	237,715	224,993	224,872	193,358
Transportation planning	13,236	382	0	58,615	52,556	85,119
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation-indirect	0	0	0	0	37	0
Total timber sales outlays	\$2,544,384	\$2,665,840	\$2,121,651	\$1,805,011	\$1,980,136	\$2,437,252
Volume offered (MMBF)	74.2	71.6	48.4	52.7	48.2	48.3
Volume sold (MMBF)	69.7	74.9	47.5	48.7	47.0	34.1
Volume harvested (MMBF)	75.7	90.1	58.4	65.5	29.3	32.3

**George Washington-Jefferson National Forests**

Sales preparation	\$1,627,885	\$1,171,688	\$935,098	\$508,378	\$590,260	\$776,651
General administration	502,848	476,406	645,300	812,200	917,874	861,552
Analysis/documentation	564,237	818,532	396,660	948,880	900,365	584,082
Harvest administration	556,043	464,226	305,355	454,232	375,724	311,666
Silvicultural exams	364,956	412,971	294,437	248,751	246,518	266,219
Transportation planning	104,729	27,484	9,126	89,561	49,805	62,147
Appeals & litigation	30,981	48,246	24,280	34,493	4,638	24,489
Appeals & litigation-indirect	14,118	21,452	39,964	3,293	2,438	6,762
Total timber sales outlays	\$3,765,797	\$3,441,007	\$2,650,220	\$3,099,788	\$3,087,622	\$2,893,568
Volume offered (MMBF)	063.0	59.2	50.0	42.9	34.3	28.6
Volume sold (MMBF)	49.0	59.2	43.7	30.4	28.2	24.8
Volume harvested (MMBF)	57.3	60.6	57.3	55.7	34.5	28.5

**Kisatchie National Forest**

Sales preparation	\$1,628,756	\$1,084,097	\$1,215,403	\$1,132,705	\$1,347,213	\$1,350,240
General administration	570,745	540,547	634,056	823,626	870,361	798,719
Analysis/documentation	290,387	545,818	324,970	47,078	15,946	16,107
Harvest administration	690,601	669,929	372,867	449,630	392,006	365,334

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Silvicultural exams	348,452	357,525	300,840	263,647	233,964	290,386
Transportation planning	126,150	158,546	247,865	75,244	37,273	99,698
Appeals & litigation	(10)	0	191	0	0	0
Appeals & litigation-indirect	0	0	0	0	0	0
Total timber sales outlays	\$3,655,081	\$3,356,460	\$3,096,192	\$2,791,929	\$2,896,763	\$2,920,484
Volume offered (MMBF)	98.8	76.4	74.0	65.9	51.8	55.2
Volume sold (MMBF)	82.6	70.4	73.7	60.4	50.4	55.8
Volume harvested (MMBF)	142.7	81.7	81.5	64.3	65.2	56.6
<b>Marion-Sumter National Forests</b>						
Sales preparation	\$1,010,567	\$784,687	\$760,613	\$431,365	\$843,229	\$788,001
General administration	399,826	348,358	589,519	589,438	480,598	700,533
Analysis/documentation	714,265	662,395	429,170	760,337	404,152	368,936
Harvest administration	472,823	548,995	408,177	376,223	367,155	290,636
Silvicultural exams	295,706	256,212	132,490	162,584	178,077	138,900
Transportation planning	17,635	0	0	98,741	51,637	41,813
Appeals & litigation	41,990	48,037	8,089	908	1,479	18
Appeals & litigation-indirect	35,364	9,033	8,433	1,107	3,039	61
Total timber sales outlays	\$2,988,176	\$2,657,717	\$2,336,491	\$2,420,703	\$2,329,366	\$2,328,898
Volume offered (MMBF)	73.4	66.5	57.5	55.1	41.6	36.6
Volume sold (MMBF)	58.2	63.1	46.2	37.0	36.0	38.6
Volume harvested (MMBF)	72.1	66.0	59.0	40.4	33.6	38.9
<b>National Forests in Mississippi</b>						
Sales preparation	\$2,610,568	\$2,331,716	\$1,805,603	\$3,492,404	\$2,505,794	\$3,306,325
General administration	853,541	1,064,217	1,298,389	1,565,588	1,573,998	1,531,121
Analysis/documentation	604,853	599,076	721,719	230,059	681,373	965,592
Harvest administration	1,011,910	1,307,313	636,064	801,748	875,072	811,799
Silvicultural exams	721,928	622,244	397,554	417,943	481,129	504,359
Transportation planning	52,018	9,108	16,811	68,106	28,642	27,462
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation-indirect	0	0	0	0	0	0
Total timber sales outlays	\$5,854,818	\$5,933,673	\$4,876,141	\$6,575,848	\$6,146,008	\$7,146,658
Volume offered (MMBF)	213.5	177.0	164.8	225.7	136.5	154.9
Volume sold 1 (MMBF)	85.5	161.2	132.1	110.0	93.1	136.1

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Volume harvested (MMBF)	206.4	204.5	176.3	193.5	196.6	101.2
<b>National Forests in North Carolina</b>						
Sales preparation	\$1,559,290	\$1,096,761	\$896,359	\$951,941	\$1,258,518	\$1,252,902
General administration	321,407	290,355	443,417	603,862	867,307	741,508
Analysis/documentation	569,467	568,776	536,583	102,309	83,572	203,071
Harvest administration	566,041	570,662	555,631	464,773	449,485	447,790
Silvicultural exams	308,086	298,203	219,860	250,544	210,090	168,367
Transportation planning	1,104	3,069	135,700	14,597	221,695	223,464
Appeals & litigation	36,874	15,741	1,905	821	0	0
Appeals & litigation-indirect	21,891	14,536	2,431	1,871	541	2,156
Total timber sales outlays	\$3,384,158	\$2,858,102	\$2,791,885	\$2,390,717	\$3,091,207	\$3,039,258
Volume offered (MMBF)	69.2	55.2	36.5	31.6	30.4	39.0
Volume sold (MMBF)	35.0	45.6	25.8	21.7	17.4	18.3
Volume harvested (MMBF)	69.7	50.7	36.8	37.9	29.2	24.5
<b>Ouachita National Forest</b>						
Sales preparation	\$3,235,348	\$2,604,112	\$2,401,072	\$3,285,922	\$3,520,121	\$2,777,718
General administration	980,079	958,523	1,324,849	1,572,054	1,897,033	1,622,684
Analysis/documentation	1,633,485	1,348,625	1,233,502	307,071	270,796	908,948
Harvest administration	760,256	806,132	803,954	712,646	804,916	951,477
Silvicultural exams	1,070,983	865,452	473,778	448,182	598,628	583,174
Transportation planning	55,564	6,890	37,507	130,640	143,499	155,582
Appeals & litigation	11,281	2,218	53,179	7,396	111	0
Appeals & litigation-indirect	24,607	24,385	70,860	25,403	(128)	1,213
Total timber sales outlays	\$7,771,602	\$6,616,337	\$6,398,700	\$6,489,314	\$7,234,976	\$7,000,796
Volume offered (MMBF)	155.0	156.1	141.2	149.1	137.6	125.0
Volume sold (MMBF)	117.5	169.5	129.8	107.8	101.1	95.1
Volume harvested (MMBF)	76.6	113.6	127.9	133.1	145.2	115.2
<b>Ozark and St Francis National Forests</b>						
Sales preparation	\$1,366,037	\$1,125,487	\$935,314	\$1,546,703	\$1,927,207	\$1,854,705
General administration	480,321	441,424	446,846	434,070	1,012,597	824,782
Analysis/documentation	586,621	424,539	482,029	33,898	(2,618)	14,588
Harvest administration	415,729	374,198	420,617	434,376	344,120	451,473
Silvicultural exams	589,796	549,258	221,930	405,696	276,441	287,003

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**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Transportation planning	100,041	96,000	41,115	101,758	56,044	85,683
Appeals & litigation	7,433	24,482	42,755	29	1,667	1,424
Appeals & litigation-indirect	64,203	41,165	57,214	5,725	97,578	27,616
Total timber sales outlays	\$3,610,182	\$3,076,552	\$2,647,820	\$2,962,255	\$3,713,037	\$3,547,274
Volume offered (MMBF)	46.3	60.9	46.3	44.2	56.0	55.7
Volume sold (MMBF)	44.9	45.8	34.9	43.5	46.9	51.8
Volume harvested (MMBF)	32.7	39.1	37.3	35.9	43.9	45.8
<b>National Forests in Texas</b>						
Sales preparation	\$1,823,785	\$1,621,707	\$1,069,447	\$1,360,435	\$1,347,977	\$1,515,868
General administration	721,055	688,379	698,036	847,600	1,056,813	923,559
Analysis/documentation	662,531	576,563	416,490	192,931	211,128	251,070
Harvest administration	733,134	1,061,902	681,459	584,393	671,736	526,768
Silvicultural exams	279,513	350,512	142,534	232,588	201,304	171,805
Transportation planning	48,043	(40)	181,077	85,493	141,544	115,230
Appeals & litigation	743	1,926	4,061	14,954	770	1,357
Appeals & litigation-indirect	51,743	28,877	15,012	35,608	56,757	98,244
Total timber sales outlays	\$4,320,547	\$4,329,827	\$3,208,116	\$3,354,004	\$3,688,029	\$3,603,901
Volume offered (MMBF)	107.3	115.2	77.7	80.2	61.3	67.7
Volume sold (MMBF)	77.2	88.5	60.1	70.6	61.8	57.1
Volume harvested (MMBF)	100.6	81.9	93.8	65.3	83.9	39.2
<b>Region 8 totals</b>						
Sales preparation	\$22,137,493	\$17,873,967	\$14,252,098	\$16,767,133	\$17,804,492	\$18,885,044
General administration	8,883,496	8,708,915	10,075,882	10,657,801	13,412,457	13,897,013
Analysis/documentation	6,180,072	7,880,481	6,456,428	4,513,495	4,061,181	5,536,319
Harvest administration	8,564,281	8,916,143	6,493,405	6,543,181	6,802,413	6,340,093
Silvicultural exams	6,004,442	6,035,436	3,555,393	3,633,634	3,216,536	3,265,454
Transportation planning	888,698	533,266	936,330	1,445,984	1,510,123	1,424,733
Appeals & litigation	133,461	212,721	159,311	70,030	578,869	41,471
Appeals & litigation-indirect	335,159	197,857	254,887	416,372	553,925	404,868
Total timber sales outlays	\$53,127,101	\$50,358,786	\$42,183,734	\$44,047,630	\$47,939,997	\$49,794,995
Volume offered (MMBF)	1040.9	943.9	793.1	842.2	692.2	670.8
Volume sold (MMBF)	833.2	844.3	672.7	587.7	554.0	562.1
Volume harvested (MMBF)	1007.4	927.0	823.7	781.6	753.0	544.5

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**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
<b>Region 9—Eastern Region</b>						
<b>Regional Office</b>						
Sales preparation	\$699,016	\$300,385	\$333,550	\$225,297	\$468,526	\$597,973
General administration	687,560	998,016	999,364	1,023,572	1,523,551	1,764,803
Analysis/documentation	45,089	35,599	1,118,371	200,049	(1,816)	(92)
Harvest administration	343,666	247,719	149,991	290,443	9,549	630
Silvicultural exams	576,983	217,016	258,621	187,320	40,929	561
Transportation planning	16,140	53,931	426	98,171	113,602	70,357
Appeals & litigation	0	1,085	16,409	4,977	4,350	230
Appeals & litigation-indirect	73,787	39,937	325,587	48,436	8,545	(1,295)
Total timber sales outlays	\$2,442,241	\$1,893,689	\$3,202,319	\$2,078,265	\$2,167,236	\$2,433,166
<b>Allegheny National Forest</b>						
Sales preparation	\$1,741,297	\$1,770,859	\$2,015,338	\$2,304,839	\$1,402,377	\$1,257,331
General administration	528,362	491,157	524,892	886,510	793,646	744,041
Analysis/documentation	118,268	153,775	100,519	(857)	852,444	1,024,057
Harvest administration	547,944	604,373	453,352	688,530	591,553	626,219
Silvicultural exams	305,029	328,292	319,303	251,977	192,935	306,662
Transportation	71,215	48,244	80,945	64,144	83,535	143,724
Appeals & litigation	18,025	17,808	4,789	446	891	0
Appeals & litigation-indirect	52,709	69,563	47,317	22,391	5,547	28,955
Total timber sales outlays	\$3,382,849	\$3,484,071	\$3,546,454	\$4,217,980	\$3,922,928	\$4,130,989
Volume offered (MMBF)	72.3	60.0	64.2	55.8	53.4	52.6
Volume sold (MMBF)	67.7	52.6	63.2	44.2	52.9	35.1
Volume harvested (MMBF)	80.2	70.4	54.7	54.0	59.6	57.6
<b>Chequamegon National Forest</b>						
Sales preparation	\$913,192	\$1,212,575	\$1,065,791	\$1,177,954	\$2,122,413	\$1,931,531
General administration	322,616	270,070	304,891	520,359	373,715	318,057
Analysis/documentation	436,024	303,751	272,176	4,894	12,853	164,504
Harvest administration	346,902	392,267	200,326	339,627	172,645	242,937
Silvicultural exams	350,485	262,993	216,747	142,242	210,790	100,473
Transportation planning	111,912	109,206	96,521	225,865	153,874	188,576
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation-indirect	0	0	0	0	0	0
Total timber sales outlays	\$2,481,130	\$2,550,863	\$2,156,451	\$2,410,941	\$3,046,289	\$2,946,078

(continued)



**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Volume offered (MMBF)	66.9	72.6	75.4	605.0	70.4	66.4
Volume sold (MMBF)	63.6	67.0	75.3	62.9	72.3	66.5
Volume harvested (MMBF)	77.0	73.9	78.1	63.4	68.3	77.4
<b>Chippewa National Forest</b>						
Sales preparation	\$865,803	\$846,214	\$750,749	\$898,721	\$1,158,237	\$731,177
General administration	122,353	179,058	259,731	390,598	714,665	704,822
Analysis/documentation	99,182	129,842	132,036	30,771	1	724,841
Harvest administration	370,984	264,427	250,646	239,821	265,413	349,199
Silvicultural exams	200,570	205,257	114,663	102,293	78,788	128,819
Transportation planning	(16)	3,113	2,797	48,043	18,909	19,982
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation-indirect	0	0	0	0	0	0
Total timber sales outlays	\$1,658,876	\$1,627,911	\$1,510,624	\$1,710,248	\$2,236,014	\$2,658,840
Volume offered (MMBF)	74.1	68.1	59.9	57.8	63.4	59.2
Volume sold (MMBF)	71.5	63.0	59.5	52.7	55.4	51.2
Volume harvested (MMBF)	91.6	100.0	87.3	69.3	62.3	52.1
<b>Green Mountain National Forest</b>						
Sales preparation	\$292,742	\$260,105	\$182,152	\$159,293	\$136,059	\$171,002
General administration	190,238	116,819	177,482	164,339	160,490	220,818
Analysis/documentation	65,078	122,435	123,361	(845)	0	164,596
Harvest administration	201,028	158,744	141,557	98,703	75,327	66,427
Silvicultural exams	117,133	80,723	135,284	96,251	98,451	23,007
Transportation planning	878	120	92	4,967	14,697	14,250
Appeals & litigation	5,033	24,048	22,461	531	297	1,774
Appeals & litigation-indirect	546	173	473	0	0	0
Total timber sales outlays	\$872,675	\$763,168	\$782,863	\$523,240	\$485,321	\$661,874
Volume offered (MMBF)	7.3	4.8	6.2	3.3	2.1	6.0
Volume sold (MMBF)	6.7	2.3	6.3	4.3	2.0	5.1
Volume harvested (MMBF)	9.9	7.7	4.5	4.9	5.6	3.4
<b>Hiawatha National Forest</b>						
Sales preparation	\$1,199,656	\$992,515	\$714,864	\$662,761	\$596,667	\$530,101
General administration	401,036	253,098	237,959	524,743	503,731	514,569

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Analysis/documentation	134,813	337,479	110,263	4,406	234,115	301,487
Harvest administration	296,521	380,301	334,149	373,554	343,028	352,616
Silvicultural exams	299,271	325,134	277,583	274,728	135,241	180,010
Transportation	23,800	54,900	33,443	139,608	52,207	264,023
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation-indirect	0	0	0	0	0	0
Total timber sales outlays	\$2,355,097	\$2,343,426	\$1,708,260	\$1,979,800	\$1,864,989	\$2,142,806
Volume offered (MMBF)	68.9	70.9	58.8	51.1	50.5	47.8
Volume sold (MMBF)	63.2	66.1	55.9	50.1	45.6	53.6
Volume harvested (MMBF)	62.0	68.3	69.1	77.9	58.3	49.3
<b>Huron-Manistee National Forests</b>						
Sales preparation	\$1,353,076	\$1,346,859	\$1,294,133	\$1,258,047	\$1,083,963	\$1,264,797
General administration	409,265	334,465	434,200	535,046	513,484	517,020
Analysis/documentation	185,862	174,237	255,842	169,121	366,080	369,629
Harvest administration	553,169	408,774	410,236	300,384	566,764	322,798
Silvicultural exams	57,487	357,438	69,287	193,317	288,691	241,663
Transportation planning	31,560	851	2,967	88,163	47,226	59,218
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation-indirect	0	0	0	0	0	0
Total timber sales outlays	\$2,590,419	\$2,622,625	\$2,466,666	\$2,544,078	\$2,866,207	\$2,775,125
Volume offered (MMBF)	71.0	71.6	66.6	59.3	64.6	62.0
Volume sold (MMBF)	66.7	63.8	63.1	52.4	61.0	58.2
Volume harvested (MMBF)	79.6	79.9	68.2	59.1	53.2	71.0
<b>Mark Twain National Forest</b>						
Sales preparation	\$1,237,750	\$1,491,440	\$921,064	\$1,256,914	\$1,422,080	\$967,322
General administration	382,177	380,824	617,387	887,898	807,674	998,936
Analysis/documentation	168,147	394,544	304,304	156,045	383,923	422,550
Harvest administration	316,134	309,597	280,597	307,716	285,747	261,919
Silvicultural exams	335,847	383,952	203,884	161,327	181,202	134,037
Transportation planning	638	0	389	160,654	280,127	160,951
Appeals & litigation	2,584	5,020	1,298	988	5,598	20,448
Appeals & litigation-indirect	1,278	9,162	23,687	10,938	3,656	(78)
Total timber sales	\$2,444,555	\$2,974,540	\$2,352,611	\$2,942,479	\$3,370,008	\$2,966,085

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Volume offered (MMBF)	62.3	63.3	54.3	50.7	57.2	49.5
Volume sold (MMBF)	43.0	44.1	38.3	38.1	46.0	39.6
Volume harvested (MMBF)	53.5	55.6	64.5	55.2	48.2	49.4

**Monogahela National Forest**

Sales preparation	\$732,120	\$842,358	\$646,494	\$605,237	\$554,765	\$790,956
General administration	454,870	343,602	459,364	587,915	734,362	603,433
Analysis/documentation	28,983	17,120	4,461	70,667	171,408	60,677
Harvest administration	363,789	280,581	295,782	302,588	306,311	231,078
Silvicultural exams	254,115	310,050	201,018	135,571	276,505	325,363
Transportation	11,116	22,352	473	97,005	48,111	90,280
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation-indirect	0	0	0	0	0	11,628
Total timber sales outlays	\$1,844,993	\$1,816,063	\$1,607,593	\$1,798,983	\$2,091,461	\$2,113,415
Volume offered (MMBF)	38.7	28.8	32.8	29.7	15.2	17.0
Volume sold (MMBF)	36.1	26.5	25.9	24.8	11.6	12.0
Volume harvested (MMBF)	36.6	33.5	20.9	22.1	28.3	25.2

**Nicolet National Forest**

Sales preparation	\$1,589,755	\$1,293,671	\$973,093	\$881,222	\$1,272,409	\$1,253,489
General administration	374,577	272,158	267,237	467,904	287,391	205,251
Analysis/documentation	136,317	54,603	7,475	329	77,997	117,775
Harvest administration	465,547	447,378	268,836	400,883	352,909	293,023
Silvicultural exams	266,776	608,955	177,683	199,158	182,678	162,486
Transportation planning	199,141	98,033	167,332	128,530	239,049	123,865
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation-indirect	0	0	0	0	0	0
Total timber sales outlays	\$3,032,113	\$2,774,797	\$1,861,656	\$2,078,026	\$2,412,433	\$2,155,889
Volume offered (MMBF)	72.9	53.1	42.5	31.9	38.2	40.4
Volume sold (MMBF)	72.0	53.2	40.5	31.5	37.1	39.6
Volume harvested (MMBF)	81.8	70.4	67.3	66.2	57.2	47.9

**Ottawa National Forest**

Sales preparation	\$1,640,006	\$1,916,082	\$1,329,120	\$1,364,523	\$1,461,561	\$1,433,129
General administration	328,099	448,677	521,346	670,942	668,791	811,688
Analysis/documentation	121,090	163,982	196,444	87,178	170,196	223,118

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Harvest administration	675,869	611,232	559,633	478,609	499,712	551,911
Silvicultural exams	290,651	444,391	303,632	245,122	168,359	252,698
Transportation planning	209,302	137,591	(7,254)	72,916	243	846
Appeals & litigation	4,340	9,199	511	169	0	0
Appeals & litigation- indirect	0	4,232	3,008	17,741	7,123	4,107
Total timber sales outlays	\$3,269,357	\$3,735,385	\$2,906,441	\$2,937,200	\$2,975,986	\$3,277,497
Volume offered (MMBF)	75.7	77.4	71.6	66.1	55.9	63.7
Volume sold (MMBF)	66.5	85.5	74.3	46.9	50.8	70.4
Volume harvested (MMBF)	61.3	68.2	68.7	72.0	65.5	69.8
<b>Shawnee National Forest</b>						
Sales preparation	\$348,287	\$293,108	\$56,550	\$119,177	\$87,516	\$(32,028)
General administration	92,324	128,200	64,176	74,168	55,850	9,157
Analysis documentation	10,059	18,254	262	0	0	0
Harvest administration	121,540	66,273	75,153	20,057	(2,472)	7,950
Silvicultural exams	171,689	12,956	52,979	166,084	48,472	125,776
Transportation planning	24,762	16,946	4,414	20,191	7,618	2,263
Appeals & litigation	0	20,985	0	18,041	29,091	11,489
Appeals & litigation— indirect	4,453	6,052	5,014	75,746	69,002	52,507
Total timber sales outlays	\$779,114	\$562,773	\$258,547	\$493,465	\$295,076	\$177,114
Volume offered (MMBF)	8.5	9.4	3.6	1.2	0.1	3.0
Volume sold (MMBF)	5.6	15.1	3.7	0.0	0.0	0.0
Volume harvested (MMBF)	4.2	4.1	2.8	2.7	1.2	0.2
<b>Superior National Forest</b>						
Sales preparation	\$857,992	\$837,592	\$628,730	\$595,726	\$868,126	\$675,931
General administration	359,799	254,304	330,353	498,806	514,693	634,348
Analysis/documentation	109,251	138,245	113,217	531,302	847,873	1,015,244
Harvest administration	404,125	452,499	445,826	433,068	465,306	476,876
Silvicultural exams	143,877	216,765	188,636	76,280	131,615	119,823
Transportation planning	(27)	0	763	15,543	19,155	38,672
Appeals & litigation	0	0	2,711	64,884	1,682	75,386
Appeals & litigation- indirect	0	0	0	0	0	0
Total timber sales outlays	\$1,875,018	\$1,899,405	\$1,710,235	\$2,215,609	\$2,848,451	\$3,036,280
Volume offered (MMBF)	85.0	99.8	74.6	79.4	81.7	71.2

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Volume sold (MMBF)	82.0	99.2	75.9	77.6	56.0	84.9
Volume harvested	84.3	99.3	83.8	89.4	94.7	58.9

**Wayne-Hoosier National Forests**

Sales preparation	201,096	\$91,058	\$29,118	\$48,529	\$172,885	\$166,990
General administration	69,335	57,738	87,287	129,074	105,607	127,965
Analysis/documentation	94,222	96,844	72,683	15,191	1,621	113,858
Harvest administration	135,900	99,516	32,064	22,180	15,102	102,553
Silvicultural exams	150,115	113,582	107,070	94,195	93,217	67,329
Transportation planning	0	0	(21)	30,694	17,048	45,119
Appeals & litigation	1,591	4,427	(2)	0	0	0
Appeals & litigation— indirect	17,353	30,732	(233)	3	2,179	12,425
Total timber sales outlays	\$669,611	\$513,897	\$327,966	\$339,866	\$407,658	\$636,239
Volume offered (MMBF)	2.4	0.8	0.3	2.5	2.1	7.2
Volume sold (MMBF)	3.4	0.0	0.8	2.2	0.0	8.6
Volume harvested (MMBF)	5.5	2.1	3.1	1.0	0.3	2.3

**White Mountain National Forest**

Sales preparation	\$735,635	\$797,748	\$658,756	\$872,779	\$1,063,180	\$546,672
General administration	283,921	287,430	348,529	406,334	1,025,916	714,061
Analysis/documentation	226,557	106,555	99,745	(6,780)	4,777	394,343
Harvest administration	401,250	334,978	408,049	375,916	258,347	243,609
Silvicultural exams	143,370	204,432	179,436	122,660	135,234	162,879
Transportation planning	94,559	20,209	26,524	163,561	42,740	57,473
Appeals & litigation	7,534	0	0	4,687	38	0
Appeals & litigation— indirect	3,422	13,151	10,147	6,158	419	52,760
Total timber sales outlays	\$1,696,248	\$1,764,504	\$1,731,186	\$1,945,316	\$2,530,649	\$2,171,797
Volume offered (MMBF)	29.5	18.3	24.9	22.6	22.2	22.3
Volume sold (MMBF)	18.3	26.8	23.3	24.7	17.6	20.5
Volume harvested (MMBF)	23.2	27.8	23.1	19.9	18.5	22.5

**Region 9 totals**

Sales preparation	\$14,407,421	\$14,292,569	\$11,599,502	\$12,431,018	\$13,870,764	\$12,286,373
General administration	5,006,532	4,815,617	5,634,199	7,768,209	8,783,565	8,888,969
Analysis/documentation	1,778,941	2,247,265	2,911,158	1,261,471	3,121,472	5,096,587
Harvest administration	5,545,369	5,058,659	4,306,199	4,672,080	4,205,239	4,129,745

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Silvicultural exams	3,669,397	4,091,937	2,805,826	2,448,525	2,263,107	2,331,586
Transportation planning	794,982	565,495	409,811	1,358,057	1,138,142	1,279,599
Appeal & litigation	39,107	82,571	48,177	94,723	41,948	109,327
Appeal & litigation— indirect	153,548	173,003	415,000	181,413	96,470	161,007
Total timber sales outlays	\$31,394,297	\$31,327,116	\$28,129,872	\$30,215,497	\$33,520,706	\$34,283,193
Volume offered (MMBF)	735.5	698.9	635.7	576.4	577.0	568.1
Volume sold (MMBF)	666.3	665.2	606.0	512.4	508.3	545.3
Volume harvested (MMBF)	750.7	761.2	696.1	657.1	621.2	587.0
<b>Region 10—Alaska Region</b>						
<b>Regional Office</b>						
Sales preparation	\$774,130	\$851,058	\$1,035,253	\$793,679	\$640,237	\$1,257,012
General administration	2,082,669	2,354,358	2,513,248	2,078,268	2,370,057	2,057,456
Analysis/documentation	1,125,680	1,097,982	650,003	360,077	383,614	385,981
Harvest administration	1,644,627	1,161,305	651,298	684,026	744,578	512,948
Silvicultural exams	777,356	573,727	249,092	261,085	134,646	144,711
Transportation planning	94,210	1,899	134,084	980,466	22,492	328,171
Appeals & litigation	0	0	0	0	0	0
Appeals & litigation— indirect	131,575	123,858	75,805	664,893	424,806	620,359
Total timber sales outlays	\$6,630,246	\$6,164,188	\$5,308,782	\$5,822,493	\$4,720,431	\$5,306,638
<b>Tongass National Forest</b>						
Sales preparation	\$5,688,772	\$5,785,025	\$6,630,456	\$9,841,274	\$9,760,755	\$8,357,208
General administration	3,583,759	3,592,364	4,720,890	5,243,034	5,865,988	5,514,676
Analysis/documentation	11,555,630	12,435,048	10,034,889	7,408,794	6,633,420	7,778,533
Harvest administration	3,348,255	3,908,886	2,926,738	2,064,835	2,058,553	1,907,833
Silvicultural exams	2,572,098	2,512,108	1,601,147	709,898	727,987	1,243,227
Transportation planning	561,599	159,367	1,757,106	2,226,434	1,471,936	1,563,988
Appeals & litigation	16,000	0	58,399	118,042	53,461	30,128
Appeals & litigation— indirect	77,109	63,584	54,215	81,092	66,097	29,925
Total timber sales outlays	\$27,403,222	\$28,456,382	\$27,783,839	\$27,693,402	\$26,638,195	\$26,425,518
Volume offered (MMBF)	481.1	266.5	259.7	290.5	266.0	162.4
Volume sold (MMBF)	75.5	45.3	51.5	92.5	69.2	152.0
Volume harvested (MMBF)	369.7	325.3	275.8	221.1	120.2	106.6
<b>Chugach National Forest</b>						

(continued)

**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

Region/Forest/Outlay Category/Volumes	Fiscal year					
	1992	1993	1994	1995	1996	1997
Sales preparation	\$481,178	\$266,080	\$327,283	\$621,405	\$850,165	\$125,267
General administration	128,421	59,962	109,289	205,576	425,934	201,678
Analysis/documentation	90,431	38,332	41,118	16,150	222,414	290,389
Harvest administration	85,726	83,665	27,615	6,620	93,757	127,426
Silvicultural exams	53,851	88,435	99,591	39,825	215,584	82,366
Transportation planning	0	0	0	44,712	46,431	70,929
Appeals & litigation	0	0	0	503	(16)	0
Appeals & litigation— indirect	0	0	0	0	0	48,976
Total timber sales outlays	\$839,607	\$536,473	\$604,896	\$934,791	\$1,854,268	\$947,031
Volume offered (MMBF)	5.0	2.8	1.2	5.6	2.2	14.6
Volume sold (MMBF)	1.0	16.9	2.5	3.2	2.4	9.5
Volume harvested (MMBF)	2.4	6.1	6.6	1.8	3.3	2.2
<b>Region 10 totals</b>						
Sales preparation	\$6,944,080	\$6,902,164	\$7,992,992	\$11,256,357	\$11,251,157	\$9,739,487
General administration	5,794,848	6,006,684	7,343,427	7,526,879	8,661,978	7,773,810
Analysis/documentation	12,771,741	13,571,362	10,726,010	7,785,020	7,239,447	8,454,903
Harvest administration	5,078,608	5,153,856	3,605,652	2,755,480	2,896,888	2,548,207
Silvicultural exams	3,403,306	3,174,269	1,949,830	1,010,808	1,078,217	1,470,304
Transportation planning	655,808	161,266	1,891,190	3,251,611	1,540,859	1,963,088
Appeals & litigation	16,000	0	58,399	118,545	53,444	30,128
Appeals & litigation— indirect	208,684	187,442	130,020	745,985	490,903	699,260
Total timber sales outlays	\$34,873,074	\$35,157,043	\$33,697,517	\$34,450,686	\$33,212,894	\$32,679,187
Volume offered (MMBF)	486.1	269.3	260.9	296.1	268.2	177.0
Volume sold (MMBF)	76.5	62.2	54.0	95.7	71.6	161.5
Volume harvested (MMBF)	372.1	331.4	282.4	222.9	123.5	108.9

(Table notes on next page)

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**Appendix II  
Timber Sales Outlays and Amounts of  
Timber Volumes by Forest and Region,  
Fiscal Years 1992 Through 1997**

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Notes: Dollars in constant 1997 dollars. Totals may not add because of rounding.

Timber volumes in million board feet (MMBF).

The Forest Service does not have a region 7.

The Forest Service combined several national forests into administrative financial reporting units during the period fiscal year 1992-1997. For consistency, we reported the outlays and timber volumes for these combined units as though they were one unit for the entire period. The affected units include in Region 1, the Beaverhead/Deerlodge National Forests; in Region 2, the Medicine Bow/Routt National Forests and the Rio Grande/San Juan National Forests; in Region 4, the Humboldt/Toiyabe National Forests, the Salmon/Challis National Forests, and the Ashley, Uinta and Wasatch-Cache National Forests became the Northern Utah Eco Group; in Region 5 the Tahoe National Forest and the Lake Tahoe Basin become the Tahoe National Forest/Lake Tahoe Basin Management Unit; and in Region 8, the George Washington/Jefferson National Forests.

The Forest Service combined the Wayne and Hoosier National Forests for reporting purposes in fiscal years 1992 through 1994 but separated them for fiscal years 1995 through 1997. For consistency purposes, we combined the outlays and timber volumes for these forests for all 6 years.

According to the Forest Service, negative figures appear because charges assessed in prior years were dismissed in a subsequent year and an adjustment became necessary.



# National Timber Sales Outlays by Type, Fiscal Years 1992 Through 1997

Dollars are in constant 1997 dollars

Outlay category	Fiscal year					
	1992	1993	1994	1995	1996	1997
Sales preparation	\$157,393,590	\$142,601,753	\$98,683,677	\$128,707,907	\$158,533,607	\$138,760,715
General Administration	97,036,923	88,083,303	98,641,559	108,638,184	131,715,851	128,890,312
Analysis/ documentation	131,814,404	119,907,245	78,451,264	47,974,853	51,857,848	66,129,089
Harvest administration	91,370,710	89,644,679	68,256,981	54,993,998	55,372,549	52,616,512
Silvicultural exams	55,854,425	50,133,285	29,600,264	23,956,092	22,753,107	21,879,953
Transporation planning	8,726,710	7,064,580	9,224,781	17,793,136	15,541,888	16,542,879
Appeals/ litigation	2,256,541	2,361,876	2,886,387	2,991,493	1,653,821	4,146,439
Appeals/ litigation— indirect	4,430,523	7,902,964	4,363,830	4,860,999	3,136,293	3,154,250
<b>Total</b>	<b>\$548,883,826</b>	<b>\$507,699,685</b>	<b>\$390,108,743</b>	<b>\$389,916,662</b>	<b>\$440,564,964</b>	<b>\$432,120,149</b>

# Regional Cost per Thousand Board Feet, Fiscal Years 1993 Through 1997

Dollars in constant 1997 dollars

Region/Fiscal year	Timber Commodity Program	Forest Stewardship Program	Personal Use Program
<b>Region 01—Northern Region</b>			
1993	154	157	189
1994	171	183	204
1995	235	260	156
1996	234	280	158
1997	255	265	164
<b>Region 02—Rocky Mountain Region</b>			
1993	105	95	120
1994	116	106	105
1995	119	140	88
1996	158	181	123
1997	196	249	150
<b>Region 03—Southwestern Region</b>			
1993	210	216	237
1994	179	246	230
1995	255	285	161
1996	504	759	344
1997	321	284	235
<b>Region 04—Intermountain Region</b>			
1993	103	89	115
1994	129	117	124
1995	160	207	128
1996	137	169	125
1997	191	185	133
<b>Region 05—Pacific Southwest Region</b>			
1993	163	129	155
1994	186	143	174
1995	223	220	180
1996	235	182	148
1997	270	214	135
<b>Region 06—Pacific Northwest Region</b>			
1993	183	137	185
1994	229	186	223
1995	282	218	181
1996	298	240	176

(continued)

**Appendix IV**  
**Regional Cost per Thousand Board Feet,**  
**Fiscal Years 1993 Through 1997**

Dollars in constant 1997 dollars

<b>Region/Fiscal year</b>	<b>Timber Commodity Program</b>	<b>Forest Stewardship Program</b>	<b>Personal Use Program</b>
1997	296	239	172
<b>Region 08—Southern Region</b>			
1993	82	77	90
1994	84	82	105
1995	90	80	84
1996	95	92	116
1997	130	133	118
<b>Region 09—Eastern Region</b>			
1993	53	50	75
1994	56	54	82
1995	62	59	70
1996	65	62	86
1997	77	69	83
<b>Region 10—Alaska Region</b>			
1993	113	216	28,558 <sup>a</sup>
1994	162	375	2,592 <sup>a</sup>
1995	187	365	2,252 <sup>a</sup>
1996	245	555	3,202 <sup>a</sup>
1997	425	477	3,222 <sup>a</sup>

<sup>a</sup> Because of unique legislative direction, the Alaska Region has a much larger "free use" timber program than most Forest Service regions. While the agency's Timber Sale Program Information Reporting System captures the cost of administering this program, it fails to capture the volume actually produced under this program. This discrepancy distorts the apparent unit costs for the personal use purpose sales in Alaska.

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# Objectives, Scope, and Methodology

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Concerned about the cost trends associated with the Forest Service's timber sale program, the Chairman, Subcommittee on Department Operations, Oversight, Nutrition and Forestry, House Committee on Agriculture, asked us to provide information on the amount of outlays to prepare and administer timber sales and timber volumes offered for sale, sold, and harvested on a forest, regional, and national basis. Specifically, we were asked to provide information for fiscal years 1992 through 1997 on the Forest Service's (1) timber volumes offered, sold, and harvested; (2) timber sale outlays by category; and (3) estimated national cost-per-thousand-board feet calculation. In addition, the Chairman requested that we include each forest's receipts that had been presented in our prior reports in the detailed forest-and regional-level data.

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## Methodology

This assignment was an outgrowth of the timber sales outlays information that we included in our November 1998 report on the distribution of timber sale receipts for fiscal years 1995 through 1997 and a prior report on timber receipts distributed for fiscal years 1992 through 1994.<sup>1</sup> We used the accounting records that the Forest Service provided for those prior reports to the extent practical.

Our information is presented on a national, regional, and forest basis. At each level, we obtained the amount of outlays for timber sales preparation and administration associated with that level. At the forest level, for financial reporting purposes, the Forest Service groups its 155 national forests into 118 administrative units because many forests are too small to have their own management structure. We used 111 units for our reporting to be consistent and comparable with the Forest Service's data over the 6-year period that we were reporting. Appendix I is a regional summary of the outlays by category, and appendix II shows the details regarding the outlays and timber volumes on a forest and regional level.

The data in these appendixes are timber sales accounting data that are on a cash basis that recognizes receipts when collected and outlays when paid. Therefore, the data should not be added to determine profit or loss because profitability should be measured on an accrual basis that matches all annual sale-related revenues with all annual sale-related expenses. We chose, however, to use cash accounting data because they represent a method of reporting the day-to-day operations of a forest and they were the only data available at the forest level.

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<sup>1</sup>Forest Service: Distribution of Timber Sales Receipts, Fiscal Years 1992-94 (GAO/RCED-95-237FS, Sept. 8, 1995) and Forest Service: Distribution of Timber Sales Receipts, Fiscal Years 1995 Through 1997 (GAO/RCED-99-24, Nov. 12, 1998).

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As requested, we provided 6 years of regional and forest-level data (fiscal years 1992 through 1997), converted to constant 1997 dollars, which would minimize the effects of year-to-year anomalies at the forest level. In any 1 year, many factors may affect the size of an individual forest's timber program. For example, if a large fire occurred within a forest, salvage sale amounts in a subsequent year might be unusually high. Such sales might skew outlay totals for that year. For the same reasons, however, care should be taken in interpreting year-to-year differences.

We did not independently verify the reliability of the financial data provided nor did we trace the data to the systems from which they came. These systems were, in some cases, subject to audit procedures by the Office of the Inspector General in connection with the agency's financial statement audits. For fiscal years 1992 through 1997, the Department of Agriculture's Office of Inspector General reported that because of errors in field-level data and significant internal control weaknesses in various accounting subsystems, the Forest Service's accounting data were not reliable. Despite these weaknesses, we used the data because they were the only data available and are the data that the agency uses to manage its program.

We performed our work from February through May 1999 in accordance with generally accepted government auditing standards.

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## **Timber Volumes Offered, Sold, and Harvested**

To obtain information on the amount of timber volumes offered, sold, and harvested on a national level for fiscal years 1992 through 1997, we requested that the Forest Service provide us with the data from the Automated Timber Sale Accounting System Cut and Sold Report. For the regular and salvage volumes offered, we relied on data included in a prior GAO report and requested that the Forest Service provide us with updated amounts for fiscal year 1997.<sup>2</sup> We discussed the reasons for variances among the timber volumes offered, sold, and harvested with the Forest Service's Forest Management staff.

To obtain information on the timber volumes offered, sold, and harvested on a forest and regional level for fiscal years 1992 through 1997 that are included in appendix II, we used two different sources. We used the Forest Service's published annual reports on the timber sale program to obtain the timber volumes offered. Because these volumes are subject to change,

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<sup>2</sup>Emergency Salvage Sale Program: Forest Service Met Its Target, but More Timber Could Have Been Offered for Sale (GAO/RCED-97-53, Feb. 24, 1997).

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however, we requested that the Forest Service provide us with the corrected timber volumes sold and harvested from the timber sales contract files.

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## Timber Sales Outlays by Category

To obtain the timber sale outlays by category, we used information from the Forest Service's timber-related outlays from its Statement TPIR-01, Timber Sale Program Information Reporting System. We included only those outlay categories directly related to timber sales. While it takes about 3 years to prepare and offer a timber sale and several years thereafter to complete a sale, we included only those preparation and administration costs reported by the forests related to each particular fiscal year. For example, we included the outlays for preparing environmental documents associated with timber contracts, administering the actual timber sales, and handling appeals. More specifically, the outlay categories selected include the following:

- Harvest administration.
- General administration—sales.
- Sale preparation.
- Analysis/documentation.
- Appeals/litigation—sales.
- Appeals/litigation—indirect.
- Transportation planning.
- Silvicultural examinations.

Our 1995 timber receipts distribution report also included outlay categories entitled "Other Resource Support" and "Timber Planning" which, beginning in fiscal year 1995, were moved to the outlay categories "Analysis/Documentation" and "Sale Preparation," respectively. For consistency, we adjusted the fiscal years 1992 through 1994 outlays to reflect the current categories and demonstrate a consistent trend interpretation.

We excluded outlays related to long-term investment in the timber program. For example, genetic tree improvement (improving the quality of trees in the timber program) and timber stand improvement (improving the quality of reforested areas a number of years later) are not directly related to the outlay for preparing and administering timber sales. In addition, we excluded outlays incurred by the Forest Service for such purposes as brush disposal and cooperative road maintenance, which are recovered through charges to timber purchasers. Because of these exclusions, our outlay estimates for timber sales preparation and administration may be conservative.

The one exception to excluding outlays covered by a receipt source involves salvage sales outlays. Salvage sales preparation and administration outlays are paid for from the Salvage Sale Fund. For annual reporting purposes, however, the Forest Service does not report these outlays separately. To be consistent with Forest Service reports, we did not exclude salvage sale preparation and administration outlays from the outlays of timber sales preparation and administration.

We discussed the reasons for increases or decreases among the timber outlay categories with the Forest Service's Forest Management staff and reviewed the Forest Service's assessments of the factors affecting the timber program costs.

Because of problems encountered with implementing its new accounting system, the Forest Service was unable to provide us with fiscal year 1998 data in time to meet the requirements for this assignment. As such, financial data presented in this report are the latest data available—those for fiscal year 1997.

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## **Costs per Thousand Board Feet**

The volume and outlay data presented in this report cannot be used to determine the cost per thousand board feet. Instead, the total costs (accrual data) of the timber sales program must be considered in this calculation. As requested by the Chairman, we obtained the Forest Service's estimate for national and regional costs per thousand board feet by sales program. National information is included in the body of the report, and the regional calculation is included as appendix IV. The Forest Service prepared this information on the basis of its timber sales data and applied 1997 constant dollars to the calculations provided. We accepted the Forest Service's calculations and did not verify the data or the systems from which they came.

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## Additional Data Limitations

Cash accounting data normally do not match all costs associated with operating a particular forest with the revenue generated by that forest and, thus, should not be used as a measure of profitability on an individual forest basis. The “accrual accounting” method better matches annual sale-related revenues with annual sale-related costs. The Forest Service places costs that are long-term investments that will benefit future as well as current sale-related activities in one of three “pools” and redistributes them back to a particular year on the basis of preestablished formulas. The three pools are “sale activity pool,” which includes those costs directly associated with the preparation of timber sales, the “growth activity pool,” which includes the cost of growing timber over an entire rotation, and the “depreciation pool,” which includes the costs of roads and facilities that are depreciated over their useful life.

Also, the Forest Service’s accounting data that we used in this report do not reflect accounting adjustments to correct identified errors and misclassifications between cost categories. The Forest Service does not separate these adjustments between the accrual accounting pool adjustments and the cash accounting corrections for several of the cost categories we included. Because we chose to use the initial cash accounting data from the Forest Service’s TPIR-01 system, we used the uncorrected data for consistency. While the reclassification would not appear to have a material effect on the Forest Service’s total, a potential exists for a significant distortion in the individual outlay category for any particular forest.

The Forest Service presents program-level and profitability information compiled by the Timber Sale Program Information Reporting System, which consists of accrual accounting data, in its annual Forest Management Program Report.



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