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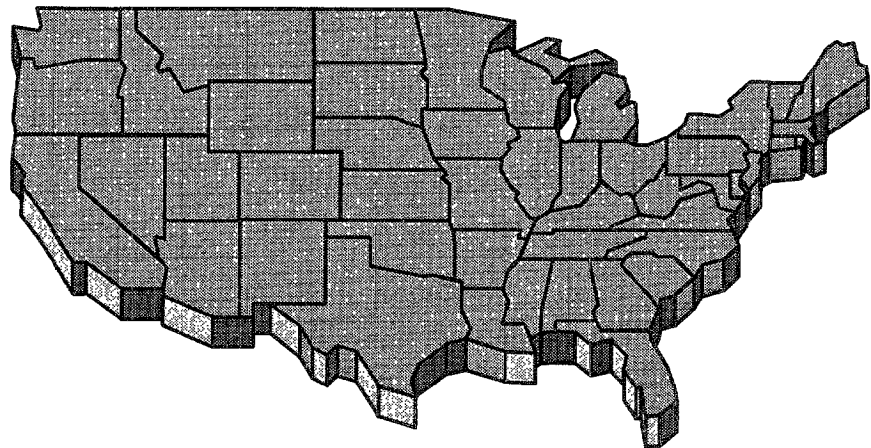
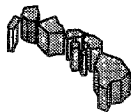
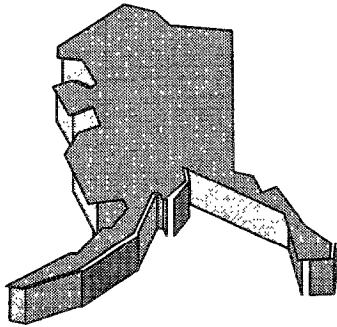
Northeastern Forest
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Private Forest-land Owners of the United States, 1994

Thomas W. Birch



Abstract

Information from a new study of forest-land owners has given us a new estimate of the number of ownerships and insight into the attitudes and actions of this important group of decisionmakers. Nearly half the private forest land is in ownerships with greater than 500 acres of forest. Nearly half of the owners have harvested timber from their holdings at some time in the past. Owners have a positive attitude toward timber cutting at a time when there is greater demand for products from the forest. Interest in harvesting the timber resource has created a situation in which watchful monitoring and good stewardship will be needed to maintain the productivity of ecosystems for future generations.

The Author

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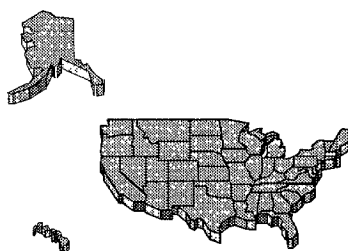
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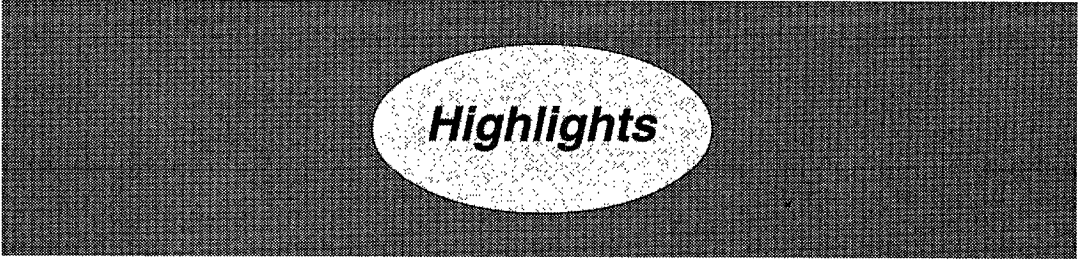
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Highlights

- ◆ There are an estimated 9.9 million private ownerships with more than 390 million acres of forest land in the United States.
- ◆ Nearly half (45%) of the private forest is in ownerships with greater than 500 acres of forest.
- ◆ Corporations, partnerships, clubs, and other ownerships with multiple owners have 40 percent of the acreage; while 'retired' owners have one-third of the remaining 60 percent.
- ◆ Forty percent of the ownerships first acquired forest land since 1978, and they have 23 percent of the private forest.
- ◆ Five percent of the private forest-land owners have a written management plan; they control 39 percent of the private forest and.

Introduction

Our forest resources are vital to the social and economic well being of our society. Good forest management requires a thorough knowledge of the resource base and the factors affecting it. Forest owners are the essential link between the general public and the land. This publication reports results of the 1994 study of the forest-land owners of the United States. Included are estimates of the number of private forest-land ownerships in the United States. It describes ownership objectives, expected benefits, harvest experience, intention to harvest, and management planning. The previous nationwide ownership study for the United States was conducted in 1978 (Birch and others 1982). An additional objective of this paper is to review trends between the two surveys.

In this study an ownership unit refers to persons, combinations of persons or legal entities, such as corporations, partnerships, clubs, trusts, Indian Tribes, and Native corporations. One person may own several parcels or partial interest in several parcels. An ownership unit has the control of a parcel or group of parcels of land. Our sample is drawn from the land itself (parcel by parcel), and the owner of record (the apparent owner) is determined. Finally, an individual who has some control of an amount of land (not exclusively the parcel sampled) responds to the survey. Therefore, we are sampling ownership units and not owners.

Landowners have rights and responsibilities regarding their land. The rights include those to purchase more land or sell existing holdings, determine land use, and decide the type and level of investment. These rights all function within the limits allowed and imposed by society. Ownership of land fixes responsibility for decisionmaking, establishes a claim on income accruing to land, and determines how wealth in land is distributed (Lewis 1980, Boxley 1977, Wunderlich 1978).

Data Collection

In 1992, the USDA Forest Service estimate of 736.7 million acres of forest is essentially unchanged from 1977, or 33 percent of the total land area (Powell and others 1993). Of this, private 'forest-land' (this term and others are defined in the appendix) owners have 423.8 million acres (58 percent). Two-thirds of the Nation's forests are classified as timberland (490 million acres); of this, 358 million acres are in private ownership. This study is based on an estimate of 393 million acres of private forest land, which includes essentially all of the private timberland plus samples of 'other forest' in Texas, Oklahoma, Oregon, and California. In addition, data obtained on Indian lands in Arizona, Colorado, Nevada, New Mexico, and Utah included 'other forest-land' area. Alaska has 6.2 million acres of private timberland that was covered by Forest Inventory and

Analysis sample locations. The remaining 23.6 million acres of Alaska's private forest did not have ground samples directly associated by ownership, but is owned primarily by the same Native corporations that own most of the state's private timberland. This study uses 9.9 million acres of private forest in Alaska for estimation purposes based on responses from Alaska owners.

In 1977, for comparison, 736.6 million acres of the United States were in forest; of this, 347 million acres were classified as privately owned timberland (USDA Forest Service 1982). The 1978 study of private forest-land owners of the United States used an estimate of 333 million acres developed by USDA Economic Research Service, Natural Resource Economics Division from the National Resources Inventory (NRI) of the USDA Soil Conservation Service. The difference of 14 million acres (4 percent) was attributed to differences in definitions (Birch and others 1982). It was felt that the proportions from the 1978 study could be applied to the timberland base for resource planning purposes.

The other national estimate of forest-land owners is from the Timber Resource Review of 1953 (USDA Forest Service 1958). The 1953 data did not have estimates of owners with fewer than 3 acres in the East or fewer than 10 acres in the West. Therefore direct comparison of numbers of owners should not be made. The comparison by broad size classes could be of some use if coupled with trend data by ownership group (Wall 1981). The state-level studies conducted by the Northeastern Forest Experiment Station and North Central Forest Experiment Station (Birch 1982, 1986, 1989, 1993; Birch and Dennis 1980; Birch and Kingsley 1978; Birch and Powell 1978; Carpenter and Hansen 1985; Carpenter and others 1986; Kingsley 1975, 1976; Kingsley and Birch 1977, 1980; Kingsley and Finley 1975; Widmann and Birch 1988) are comparable with the current study.

The 1978 data were gathered from 11,076 sample locations by the USDA Economic Research Service. The 1994 study was conducted by the Forest Inventory and Analysis Projects of the USDA Forest Service in cooperation with the National Association of State Foresters and the USDA Natural Resources Conservation Service, in support of the Forest Stewardship Program of the USDA Forest Service, State and Private Forestry. The questionnaires for the 1994 study were mailed to 23,334 owners of 28,194 privately owned forested sample plots. Sample plot locations were from National Resources Inventory (NRI) plots or Forest Inventory and Analysis (FIA) plots. Specifics of numbers of plots used by state are included in the appendix. Responses from 11,742 ownerships that own 15,697 of these sample plots have been included in this study. The procedure for estimating the number of private forest-land owners, by state, and the questionnaire used for this report are included in the appendix.

Private Forest Owners

An estimated 9.9 million private forest-land ownership units hold 393 million acres of forest land in the United States. These owners are diverse in legal organization, economic circumstances, personal characteristics, ownership objectives, and management experience.

About 94 percent of the private ownerships are individuals, collectively holding 59 percent of the privately owned forest land. Corporations hold 27 percent; the remaining 14 percent is held by partnerships, undivided estates, clubs, associations, and Indian Tribes.

Since 1978, individual ownerships including joint husband and wife and family ownerships other than family corporations, increased in numbers and in the proportion of private forest land owned (Fig. 1, Table 1). Partnerships decreased both in number of ownership units and in the proportion of private forest land owned. The number of corporations that own forest land decreased, whereas the acreage of forest land owned increased slightly. 'Other' ownerships such as sport and recreation clubs, undivided estates, trusts, and Indian Tribes decreased in number since 1978 but the area owned increased.

Sport and recreation clubs are an important ownership component in such states as Pennsylvania, New York, and Michigan (Baumgartner and Rudolph 1974, Binkley and others 1980, Birch 1983, and Birch and Dennis 1980). Undivided estates are important in Maine, West Virginia, Kentucky, and other areas of Appalachia (Birch 1986, Birch and Kingsley 1978, Birch and Powell 1978). Indian Tribes, including Native corporations, are a particularly important ownership group in Alaska, Arizona, New Mexico, Colorado, and several other areas.

The data are presented in this report, by three major forest regions of the country (North, South, and West), and by states. The North is divided into four subregions: New England, Middle Atlantic, Lake, and Central States (Fig. 2, Table 2). The South is divided into two subregions: Southeast and Southern States. The West is divided into three subregions: Pacific, Rocky Mountain, and Plains States. Data tabulations for these regions, subregions, and states are presented at the end of this report. In table 2, data for subregions in the North are combined to show subtotals for New England and Middle Atlantic States (Northeast) and Lake States and Central States (North Central). Also, data for the South are further subdivided to show subtotals for Central Gulf and West Gulf sections of the Southern subregion and East Gulf and South Atlantic sections of the Southeast subregion.

In 1978, the North had an estimated 3.3 million private forest-land ownership units with 114 million acres of forest land. The 1994 estimate is 3.9 million ownerships with 130 million acres of forest land. Forest fragmentation is of particular importance in Southern New England (Connecticut, Massachusetts, and Rhode Island) and other areas of high urban population density.

The South had 3.9 million ownerships with 173 million acres of forest land in 1978. The current estimate is 4.9 million ownerships with 188 million acres of forest. This estimate includes nearly 250,000 ownerships with more than 10 million acres of 'other forest' areas in Texas and Oklahoma that were not included in the 1978 study.

The West in 1978 was estimated to have 618,000 owners with 46 million acres of private forest. The estimate did not include an estimate of private owners in Alaska and did not include Indian Tribal land including those for Native

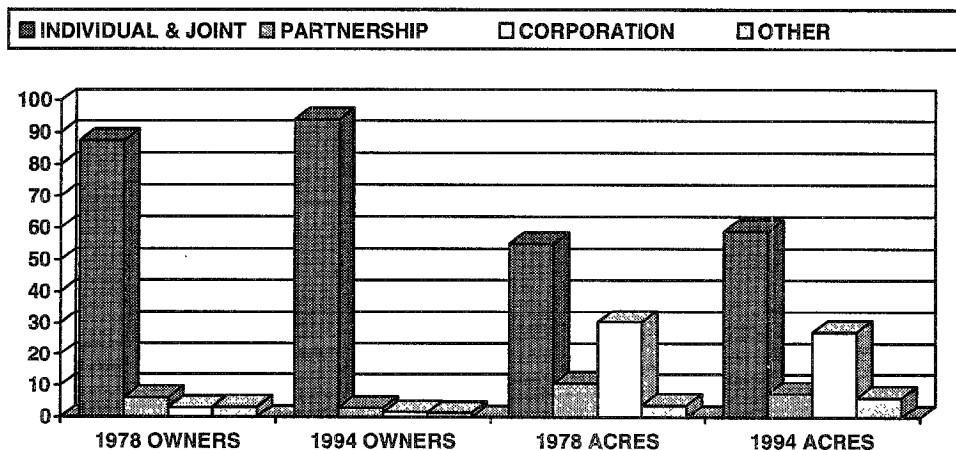


Figure 1. Distribution of private ownerships, by form of ownership, United States, 1978 and 1994.

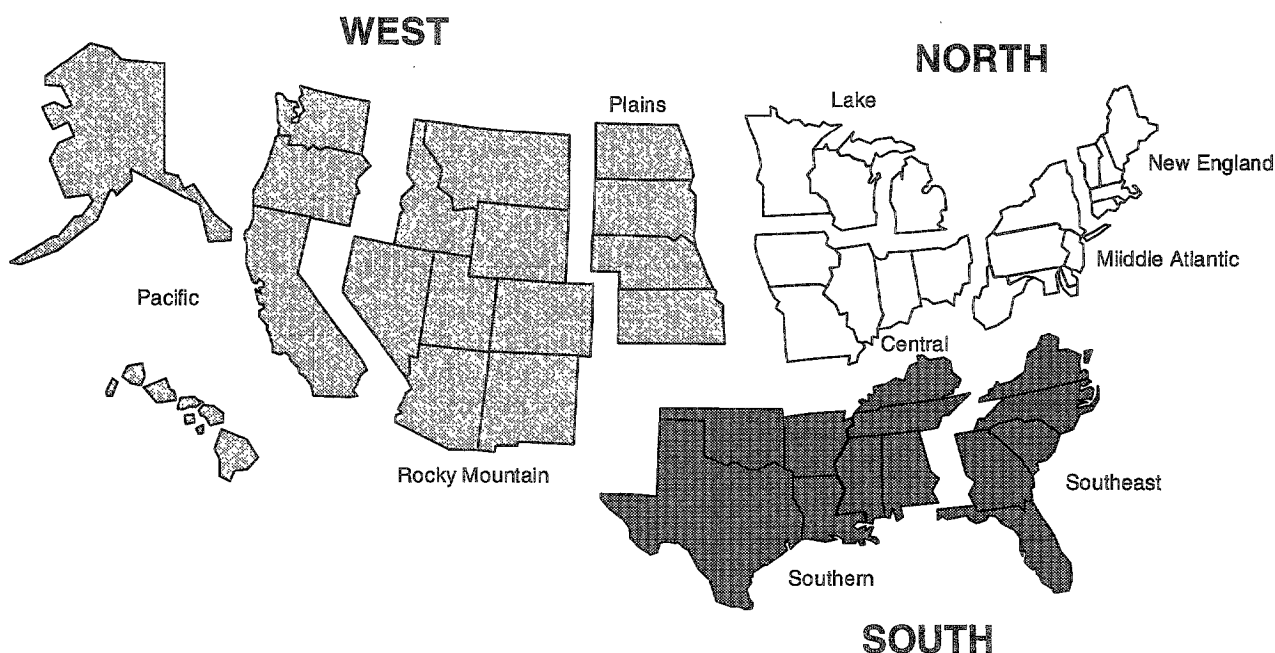


Figure 2. Regions and subregions of the country for private forest-land owners of the United States, 1994.

corporations. The 1994 study estimates 1.03 million owners with 76 million acres of private forests. The current study includes a sample of Pinion-Juniper land in Oregon and California. There was a particular increase in ownerships with fewer than 50 acres of forest land in the Rocky Mountain region. The inclusion of Indian land was responsible for the increase in forested acreage. If the additional acreage of private 'other forest' in Alaska were added, private acreage in the West would be nearly 95 million acres.

The distribution by size class of ownership has changed since 1978 (Fig. 3, Table 3). The number of private ownerships with fewer than 10 acres of forest land increased from 5.5 million (71 percent) to 5.8 million (59 percent) ownerships. The acreage in this class increased from 11 million acres to 16.6 million acres. The number of ownerships with 10 to 49 acres of forest increased from 1.2 million in 1978 to 2.8 million. The acreage in this class increased from 28 million acres in 1978 to 60 million acres. The number of owners with 50 to 99 acres of forest increased as well as the acreage owned by this class.

The area in ownerships of more than 100 acres supports effective timber management. The proportion of ownerships with written plans increases with size of ownership. If the approximately 627,200 owners with more than 100 acres of forest worked with professional foresters, nearly 70 percent of the nation's forest could be placed under management. However, working only with this group would preclude the development of a broad-based supportive constituency (Birch and Pywell 1986).

More than 90 percent of the private ownerships have fewer than 100 acres of forest land each, and they control 30

percent of the private forest land. It is this portion of the resource where concern about fragmentation and rapid turnover is concentrated. While many of these owners do not have timber harvesting as their primary reason for owning forest land, many have harvested and will harvest trees for sale to forest products companies.

The implications of changing ownership patterns are significant. The yearly transition to many new forest owners makes the communication of information about management and new programs such as stewardship difficult. The use of mass communication, especially the electronic media, is essential (Birch and Pywell 1986). More than 40 percent of the present owners acquired forest land for the first time since 1978. These owners control 24 percent of the private forest land (Fig. 4, Table 4). The group of owners with the largest decrease both in numbers of owners and acreage owned was the group of owners who had first acquired forest between 1970 and 1977.

The social and economic characteristics of private forest-land owners and their objectives must be considered when developing management programs. As owners age, for example, some may harvest because they need the money for retirement. By contrast, it is believed that "baby boomers" who are well known for their environmental concerns and high education levels might not harvest because they do not need current income (Marcin and Skog 1984). But the perception that these owners are adverse to cutting trees is not true according to this study.

In general, the "new" individual private forest-land owner is younger, better educated, and has a higher income than the owner of a decade ago. This study shows an increase in the proportion of retired and 'other' owners (Fig. 5, Table 5).

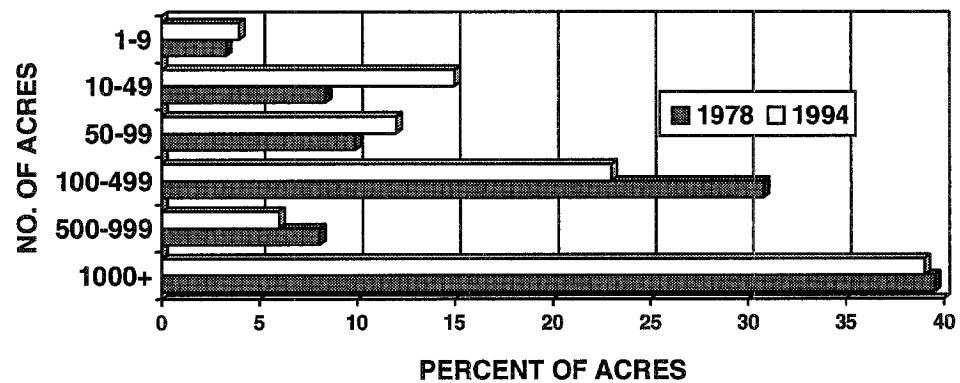
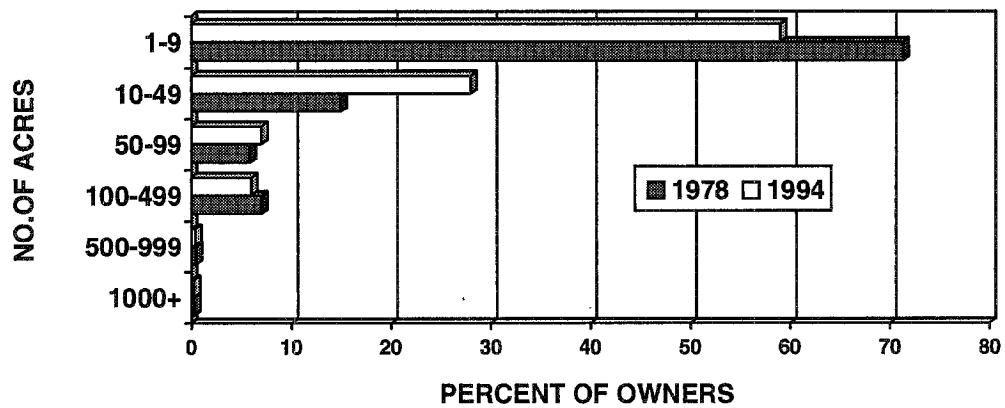


Figure 3. Distribution of private ownerships, by size class of ownership, United States, 1978 and 1994.

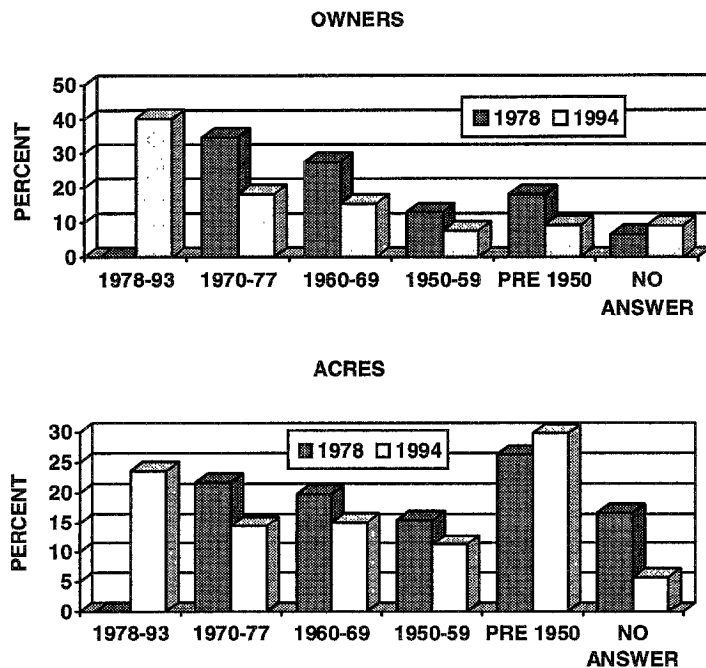


Figure 4. Distribution of private ownerships, by year owner first acquired forest land, United States, 1978 and 1994.

The 'other' category includes service workers, which coincides with the increase in service-related industries in the economy. There has been a big decrease in numbers of owners who are in 'blue collar' occupations and the acreage owned by 'blue collar' owners. Retired owners increased both in the proportion of owners and the proportion of acreage owned. This change may have taken place because owners who retired in the last decade came from occupation groups that had decreases rather than retired owners purchasing forest land. Also, people are retiring earlier and living longer.

Owner Objectives

Forest lands produce many benefits for their owners, so it is not surprising that landowners express diverse reasons for owning forest land. Many potential benefits from owning forest land are not competitive with each other. Some benefits can be produced with little or no effect on others, and some benefits even increase when another benefit is produced.

Nearly 40 percent of the private forest-land owners believe the primary reason for owning forest land is that it is simply "part of the farm" or "residence" (Fig. 6, Table 6). In general, these ownerships hold smaller than average-sized tracts. Another 8 percent of the owners believe that farm or domestic use is the most important reason for owning forest land. Many of these owners consider their woodland as a source of fence posts, fuelwood, and similar products.

Recreation and esthetic enjoyment is the primary reason why 23 percent of the owners hold forest land. The area owned by people with these objectives represents 17 percent of the private forest land.

Land investment often is thought of as a hedge against inflation. Private landowners who list land investment as their primary reason for owning account for 9 percent of the owners, and 10 percent of private forest land.

Only 3 percent of the private forest-land owners hold their land primarily for timber production, but these owners control 29 percent of the private forest land. In addition, some owners own forest land for the minerals under the surface. Many of these owners are included under the "other" category. Also included in the 'other' category are the lands owned by Indian Tribes and Native corporations, for their cultural heritage.

Benefits expected in the next 10 years give another perspective on ownership objectives. Esthetic enjoyment predominates with 34 percent of the owners expecting it to be most important (Table 7). These owners control 16 percent of the private forest.

Land value increase is next in importance with 21 percent of the owners and 16 percent of the private forest. Only 5 percent of the owners have income from the sale of timber as their most important benefit, and they own 33 percent of the private forest. Firewood is most important to 4 percent of the owners and they have 3 percent of the private forest.

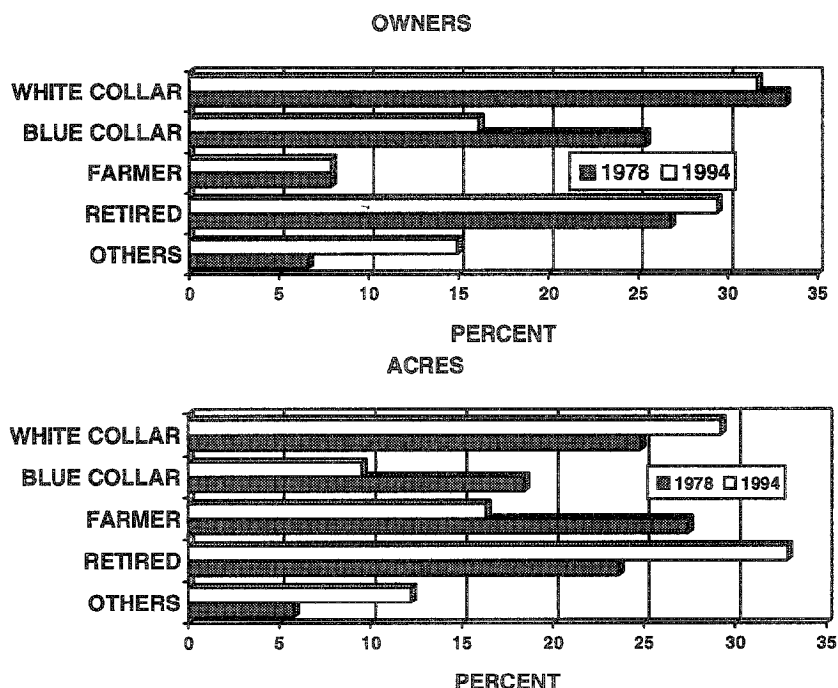


Figure 5. Distribution of individual ownerships, by owner occupation, United States, 1978 and 1994.

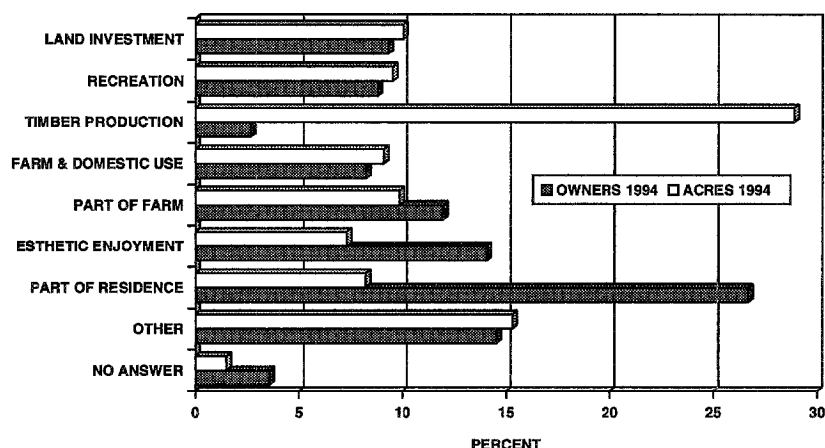


Figure 6. Distribution of private ownerships, by primary reason for owning forest land, United States, 1994.

Timber Harvesting Behavior

There is a positive attitude toward and experience with timber harvesting. An estimated 46 percent of the private owners have harvesting experience and they control 78 percent of the private forest land (Fig. 7, Table 8).

Owners stating that they intend to harvest in the next 10 years are estimated to be 32 percent of the private

forest-land owners. Acreage owned by those intending to cut in the next decade is 63 percent. Conversely, 34 percent of the owners say they never intend to harvest and they own only 12 percent of the private acreage (Fig. 8, Table 9). The owners with indefinite harvest plans control 23 percent of the private forest land.

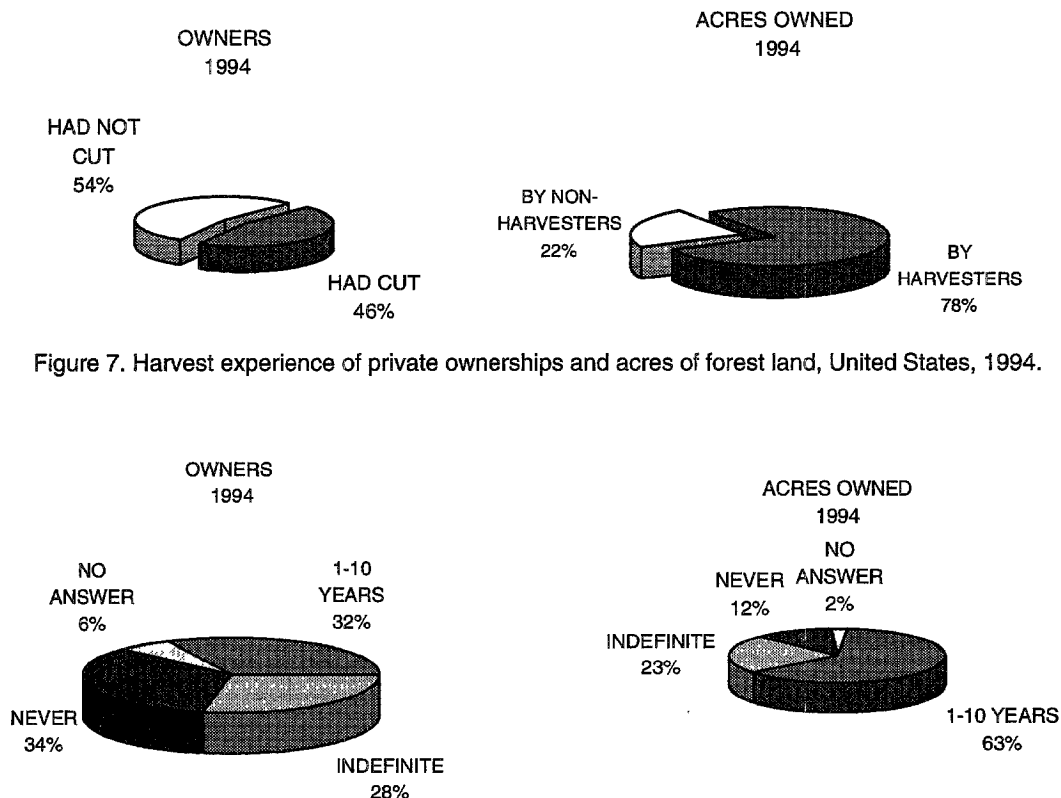


Figure 8. Harvest intentions of private ownerships and acres of forest land owned, United States, 1994.

Management Planning

With the advent of the Forest Stewardship Program, there has been increased interest in written management plans. We estimate that 5 percent of the private forest-land owners have a written management plan for their forest land (Fig. 9, Table 10). These owners control 39 percent of the private forest land.

Forest industry owns 43 percent of the forest land owned by those with a written plan. The other 57 percent of the forest area is controlled by over one half million non-industrial private forest (NIPF) owners with some form of written plan.

Nearly 22 percent of the NIPF owners that have a plan stated that they prepared the plan themselves (Fig. 10, Table 11). These owners have 19 percent of the area covered by written plans. This includes some ownerships that employ foresters who prepare their plan. An estimated 11 percent of the NIPF plans were prepared by consultants accounting for 29 percent of the forest land covered by written plans. Industrial foresters prepared 4 percent of the plans for an estimated 10 percent of the area covered by written plans. State service foresters and wildlife biologists have been in the management plan business for a long time. They wrote

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37 percent of the plans for NIPF owners and they cover 19 percent of the area covered. Others such as the USDI Bureau of Indian Affairs, USDA Extension Service and USDA Natural Resources Conservation Service prepared the remaining 27 percent of the plans that cover the remaining 33 percent of the forest covered. Totals equal more than 100 percent because owners listed more than one agency or person preparing the plans.

Conclusion

The extent to which the private forest resources of the United States are needed, managed, and utilized in the future will depend on the complex set of interrelated factors that operated in the past. These factors include trends in the tastes and preferences of the owners of forest land; technological changes in the production, marketing, and utilization of wood products and their substitutes; strength of the American dollar, trade deficits, inflation, and other economic forces; attitudes of forest-land owners and other citizenry toward timber management and cutting; attractiveness of local business climates and living environments to developing industries. Only time will tell how all this interaction works out. But for now, watchful monitoring and good stewardship will be needed to maintain the productivity of forested ecosystems for future generations.

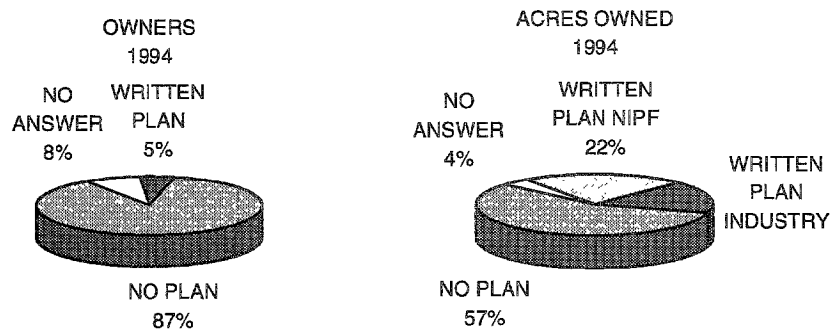


Figure 9. Distribution of private ownerships and acres of forest land owned, by whether a written management plan had been prepared, United States, 1994.

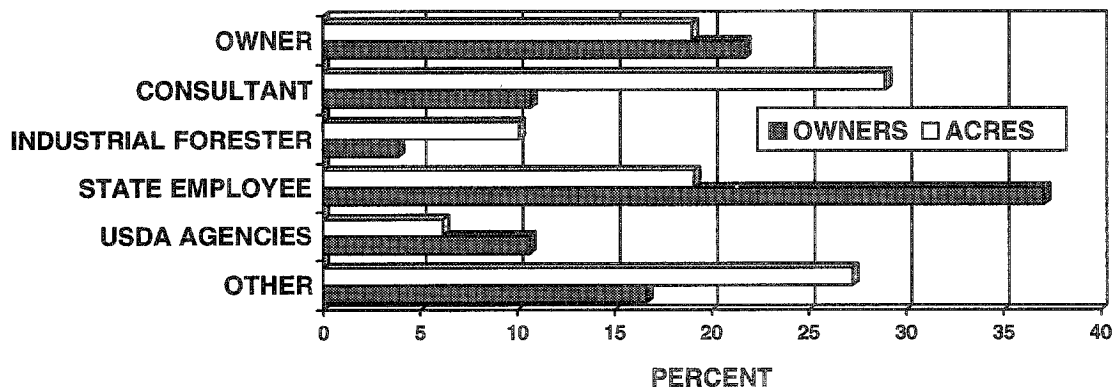


Figure 10. Distribution of nonindustrial private ownerships (NIPF) and acres of forest land owned, by who prepared the written plan, United States, 1994.

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Table 1. Estimated number of private ownership units and acres of forest land owned, by type of ownership, United States, 1978 and 1994

Form of ownership	1978		1994	
	Thousands	Percent	Thousands	Percent
OWNERS				
Individual	6,793	87.6	9,319	94.1
Partnership	484	6.2	289	2.9
Corporation	237	3.0	157	1.6
Other	246	3.2	136	1.4
Total	7,757	100.0	9,902	100.0
Form of ownership	1978		1994	
	Millions	Percent	Millions	Percent
ACRES				
Individual	183.5	55.1	232.3	59.0
Partnership	35.8	10.7	29.7	7.5
Corporation	101.1	30.4	107.1	27.2
Other	12.7	3.8	24.3	6.2
Total	333.1	100.0	393.4	100.0

Table 2. Estimated number of private ownership units and acres of forest land owned, by state, subregion, and region, United States, 1978 and 1994

Region, subregion, and state	1978		1994	
	Owners	Acres	Owners	Acres
	<i>Thousands</i>	<i>Millions</i>	<i>Thousands</i>	<i>Millions</i>
Connecticut	95.6	1.329	102.0	1.553
Maine	241.4	15.698	255.6	17.060
Massachusetts	143.6	2.835	212.8	2.529
New Hampshire	122.3	4.307	83.7	4.144
Rhode Island	12.9	.123	26.7	.338
Vermont	53.3	3.926	80.5	3.993
New England	669.1	28.218	761.3	29.617
Delaware	9.5	.318	17.3	.346
Maryland	42.2	1.886	130.6	2.272
New Jersey	108.0	1.283	88.7	1.401
New York	824.8	10.406	475.4	14.367
Pennsylvania	492.8	10.677	513.9	12.508
West Virginia	248.4	9.779	260.4	10.745
Middle Atlantic	1,725.7	34.349	1,486.3	41.640
Northeast	2,394.8	62.567	2,256.4	71.328
Illinois	61.0	2.860	114.5	3.641
Indiana	48.1	3.740	151.3	3.771
Iowa	11.6	1.724	55.4	1.807
Missouri	80.7	10.630	307.2	11.630
Ohio	133.6	5.420	329.2	7.191
Central	335.0	24.373	957.7	28.040
Michigan	301.7	11.477	332.7	12.039
Minnesota	62.6	6.510	147.4	7.317
Wisconsin	195.4	9.127	245.8	10.898
Lake	559.7	27.114	725.9	30.254
North Central	894.7	51.488	1,683.6	57.002
North Total	3,289.5	114.054	3,931.2	129.551
Alabama	429.0	19.760	452.4	20.770
Kentucky	372.3	10.325	306.9	11.424
Mississippi	185.0	14.101	341.2	15.126
Tennessee	224.0	13.790	475.9	11.763
Central Gulf	1,210.3	57.885	1,576.4	58.678
Arkansas	308.0	14.650	296.1	14.510
Louisiana	215.0	11.870	148.9	12.544
Oklahoma	43.0	5.370	158.0	6.926
Texas	185.0	9.190	319.8	18.269
West Gulf	751.0	41.080	922.8	52.249
Southern	1,961.3	98.965	2,499.2	111.332

Continued

Table 2.—Continued

Region, subregion, and state	1978		1994	
	Owners	Acres	Owners	Acres
	<i>Thousands</i>	<i>Millions</i>	<i>Thousands</i>	<i>Millions</i>
Florida	232.1	11.898	320.8	13.112
Georgia	278.0	21.480	610.7	21.985
East Gulf	510.0	33.378	931.5	35.097
North Carolina	693.0	16.420	704.9	16.774
South Carolina	244.0	10.610	335.9	11.006
Virginia	442.0	13.760	468.8	13.442
South Atlantic	1,379.0	40.790	1,509.6	41.222
Southeast	1,889.1	74.168	2,441.1	76,319.0
South Total	3,850.4	173.133	4,940.2	187.651
Kansas	31.8	.751	39.3	1.291
Nebraska	2.3	.180	34.2	.626
North Dakota	1.9	.330	11.3	.411
South Dakota	13.8	.030	28.7	.609
Great Plains	49.8	1.291	113.5	2.937
Alaska	0	0	16.6	9.881
California	139.1	10.444	345.6	14.476
Hawaii	2.2	.697	24.8	1.155
Oregon	165.0	10.130	166.2	10.650
Washington	180.0	8.500	91.4	9.670
Pacific	486.3	29.771	644.6	45.833
Arizona	.01	.004	23.9	6.757
Colorado	53.3	2.407	55.6	3.286
Idaho	21.7	3.110	47.4	3.245
Montana	4.8	5.910	82.7	5.957
Nevada	.1	.074	14.8	.530
New Mexico	.1	1.489	24.6	4.129
Utah	1.7	1.179	14.6	1.537
Wyoming	.2	.671	8.5	1.997
Rocky Mountain	81.9	14.844	272.2	27.418
West Total	618.0	45.906	1,030.3	76.187
Nation Total	7,757.9	333.094	9,901.7	393.389

Table 3. Estimated number of private ownership units and acres of forest land owned, by size class of ownership, United States, 1978 and 1994.

Size class (acres)	1978		1994	
	Thousands	Percent	Thousands	Percent
OWNERS				
1-9	5,528	71.3	5,795	58.6
10-49	1,164	15.0	2,762	27.9
50-99	464	5.9	717	7.2
100-499	538	7.0	559	5.6
500-999	40	.5	41	.4
1000+	23	.3	27	.3
Total	7,757	100.0	9,902	100.0

Date of acquisition	1978		1994	
	Millions	Percent	Millions	Percent
ACRES				
1-9	11.0	3.3	16.6	4.3
10-49	28.1	8.4	60.4	15.5
50-99	32.9	9.9	47.2	11.9
100-499	102.6	30.8	91.6	23.3
500-999	26.9	8.1	24.5	6.3
1000+	131.6	39.5	153.0	38.8
Total	333.1	100.0	393.4	100.0

Table 4. Estimated number of private ownership units and acres of forest land owned, by date of acquisition, United States, 1978 and 1994.

Date of acquisition	1978		1994	
	Thousands	Percent	Thousands	Percent
OWNERS				
1978-1993	0	0	3,991	40.3
1970-1977	2,696	34.8	1,802	18.2
1960-1969	2,130	27.5	1,527	15.4
1950-1959	1,009	13.0	757	7.6
Prior to 1950	1,409	18.1	922	9.3
No answer	513	6.6	903	9.1
Total	7,757	100.0	9,902	100.0

Date of acquisition	1978		1994	
	Millions	Percent	Millions	Percent
ACRES				
1978-1993	0	0	92.7	23.6
1970-1977	72.4	21.7	57.2	14.5
1960-1969	66.0	19.8	59.5	15.1
1950-1959	51.5	15.5	44.3	11.3
Prior to 1950	87.7	26.3	117.2	29.8
No answer	55.5	16.7	22.5	5.7
Total	333.1	100.0	393.4	100.0

Table 5. Estimated number of private ownership units and acres of forest land owned, by owner's occupation, United States, 1978 and 1994.

Owner's occupation	1978		1994	
	Thousands	Percent	Thousands	Percent
OWNERS				
White collar	2,158	33.2	2,942	31.6
Blue collar	1,673	25.4	1,499	16.1
Farmer	520	7.9	738	7.9
Retired	1,765	26.8	2,747	29.4
Other	436	6.0	1,393	15.0
Total, individuals	6,579	100.0	9,319	100.0

Owner's occupation	1978		1994	
	Millions	Percent	Millions	Percent
ACRES				
White collar	49.1	24.8	67.5	29.2
Blue collar	36.4	18.4	22.1	9.5
Farmer	54.3	27.4	37.6	16.3
Retired	46.7	23.6	76.9	32.8
Other	11.5	5.8	28.2	12.2
Total, individuals	198.0	100.0	232.3	100.0

Table 6. Estimated number of private ownership units and acres of forest land owned, by primary reason for owning forest land, United States, 1994.

Reason for owning:	Owners		Acres	
	Thousands	Percent	Millions	Percent
Land investment	920.0	9.3	39.3	10.0
Recreation	874.5	8.8	37.9	9.5
Timber production	272.2	2.7	113.2	28.9
Farm & domestic use	816.4	8.3	35.8	9.1
Enjoyment of owning	1,392.4	14.1	28.7	7.3
Part of farm	1,189.8	12.0	38.6	9.8
Part of residence	2,641.5	26.7	32.6	8.2
Other	1,440.9	14.5	61.0	15.3
No answer	354.1	3.6	6.3	1.5
Total	9,901.7	100.0	393.4	100.0

Table 7. Estimated number of ownership units and acres of forest land owned, by primary benefit expected in the next 10 years from owning forest land, United States, 1994.

Expected benefit	Owners		Acres	
	Thousands	Percent	Millions	Percent
Land value increase	2,055.9	20.8	63.6	16.4
Recreation	959.4	9.8	42.8	11.0
Timber production	477.5	4.8	131.6	33.2
Farm & domestic use	1,505.4	15.2	42.9	11.0
Enjoyment of owning	3,356.2	33.9	63.3	16.0
Firewood	421.5	4.2	9.9	2.5
Other	478.9	4.8	27.3	6.6
No answer	646.9	6.5	12.0	2.8
Total	9,901.7	100.0	393.4	100.0

Table 8. Estimated number of private ownership units and acres of forest land owned, by harvest experience, United States, 1994.

Harvest experience	Owners		Acres	
	Thousands	Percent	Millions	Percent
Harvesters	4,596.9	46.3	306.1	77.5
Nonharvesters	5,304.8	53.7	87.3	22.5
Total	9,901.7	100.0	393.4	100.0

Table 9. Estimated number of private ownership units and acres of forest land owned, by expected time of future harvest, United States, 1994.

Harvest experience	Owners		Acres	
	Thousands	Percent	Millions	Percent
1-10 years	3,127.1	31.6	249.5	63.1
Indefinite	2,755.2	27.7	90.5	23.1
Never	3,441.2	34.9	45.0	11.5
No answer	578.2	5.8	8.4	2.3
Total	9,901.7	100.0	393.4	100.0

Table 10. Estimated number of private ownership units and acres of forest land owned, by whether a written management plan had been prepared, United States, 1994.

Management plan preparation	Owners		Acres	
	Thousands	Percent	Millions	Percent
Owners with written plans:	531.2	5.3	153.6	39.0
Forest Industry	2.4	.5	65.5	42.6
NIPF owners	528.8	99.5	88.1	57.4
Owners with no written plan	8,594.1	86.8	226.2	57.5
No answer	784.9	7.9	13.6	3.5
Total	9,901.7	100.0	393.4	100.0

Table 11. Estimated number of private ownership units and acres of forest land owned, by who prepared the written management plan for NIPF owners, United States, 1994.

Management plan preparation	Owners		Acres	
	Thousands	Percent	Millions	Percent
NIPF Owners with written plans:	528.8	100.0	88.1	100.0
Who prepared the plan:				
Owner	114.8	21.7	16.7	19.0
Consultant	56.5	10.7	25.5	28.9
Industrial forester	20.6	3.9	8.9	10.1
State employee	196.2	37.1	16.8	19.1
Extension	8.9	1.7	.9	1.0
NRCS (SCS)	47.3	9.0	4.6	5.2
Other	87.9	16.6	24.0	27.3
Total	532.2	100.7	97.4	110.6

Table totals more than 100 percent because more than one person helped to prepare plans.

Appendix

Study Method

The sampling scheme used in this study was derived from the sampling design used by the USDA Forest Service, Forest Inventory and Analysis Projects and that used by the Natural Resources Conservation Service (NRCS, formerly Soil Conservation Service), National Resources Inventory (NRI). Mailing addresses were obtained for the owners of forested land on which a sample location from one of the two inventory systems was located. These addresses were obtained by crews from the forest inventory projects or from cooperating state forestry agencies. The names were obtained from a variety of sources—tax offices, other government agencies, neighbors, or the owner. Usable addresses were obtained for more than 95 percent of the sample locations. Of the 30,870 locations chosen, 2,602 were found to be in some form of public ownership. Many large ownerships were identified that had multiple sample locations. Efforts were made to send only one questionnaire per state to these large owners. A total of 23,330 questionnaires was sent to owners of forest land; 11,745 (50 percent) were eventually returned with useable information.

The questionnaire was derived from several earlier ownership studies and has been revised as work has progressed over 20 years in the Northeastern States. A copy of the questionnaire is included in the appendix. The mailing consisted of a questionnaire and cover letter explaining the purpose of the study. Approximately 3 weeks after the first mailing, a second questionnaire was mailed to those who had not responded with a second letter urging their cooperation. Approximately 1 month after the final followup mailing a field followup of non-respondents was conducted to obtain additional questionnaires and to determine if a significant difference existed between those who returned a questionnaire and those who did not. Questionnaires obtained by mail and followup were used in the same way for estimation. For 12 southern states, the followup was conducted by phone interviews through the Social Science Research Center, Survey Research Unit, Mississippi State University. Many state forestry organizations had local service foresters contact nonrespondents. If state organizations were unable to assist with followups, Forest Service personnel and volunteers made the contacts.

Estimation Procedure

The probability that a forest-land owner will be sampled depends on the rate of sampling and the acreage of forest land owned. Each state and often areas within states have different rates of sampling and response rates differ affecting the probability that an owner will be included in the final tabulations. The total acreage of forest land in private ownership for a state or sampled area is obtained from the forest inventory. The area in large ownerships (ownerships with a probability of selection approaching 1) is subtracted and the large ownerships form a separate strata. The remaining forest land is divided by the number of 'small acreage' sample locations represented by the remaining valid questionnaires to determine the area represented by each sample plot.

Since the sampling scheme is essentially the one used for the forest inventory, there is a low probability of inclusion for owners of small parcels of forest land. To estimate the total number of persons or ownership units, it is necessary to weight the number of owners in the sample. This procedure can be stated as:

$$N = \frac{T_p}{n_r} \sum \frac{1}{A_i}$$

N = estimated number of private owners in the sampling strata.

T_p = acres of forest land in the sampling strata.

n_r = number of respondents in the sampling strata.

A_i = acres owned by individual respondents

The summation estimate equals the estimated number of ownership units in the state, region, or nation. This is an unbiased estimate of the total number of ownership units that own forest land. The data were edited, processed, and compiled using FINSYS-2, a generalized computer system (Barnard 1978). The survey units within states were combined to state level statistics. States were summed to regions, and finally to national summaries to increase the accuracy and precision of the estimates. The following tabulation shows the pertinent data for each state, region, and the nation.

Region, subregion, and state	Number of private plots	Number of questionnaires sent	Number of respondents	Plots owned by respondents	Average acreage per plot
Connecticut	88	82	55	56	27,732
Maine	819	541	308	550	31,018
Massachusetts	82	80	42	43	58,813
New Hampshire	104	98	69	76	54,526
Rhode Island	92	90	43	43	7,860
Vermont	96	91	68	72	55,458
New England	1,281	972	585	840	35,258
Delaware	121	100	57	71	4,873
Maryland	570	517	228	265	8,574
New Jersey	187	178	84	87	16,103
New York	2,765	2,491	972	1,165	12,332
Pennsylvania	2,252	2,013	1,143	1,336	9,332
West Virginia	2,401	1,975	1,114	1,462	7,350
Middle Atlantic	8,296	7,274	3,598	4,386	9,493
Northeast	9,577	8,246	4,184	5,226	13,649
Illinois	473	440	208	212	17,175
Indiana	481	554	193	195	19,338
Iowa	162	160	94	95	19,021
Missouri	519	514	228	232	50,129
Ohio	1,573	1,467	704	785	9,161
Central	3,297	3,135	1,427	1,519	18,460
Michigan	2,184	2,184	886	886	13,588
Minnesota	251	226	85	102	71,735
Wisconsin	591	514	228	232	46,974
Lake	3,026	2,924	1,199	1,220	24,798
North Central	6,323	6,059	2,626	2,739	20,811
North Total	15,900	14,305	6,810	7,965	16,265
Alabama	955	741	436	637	32,606
Kentucky	424	412	208	216	52,889
Mississippi	643	514	291	412	36,714
Tennessee	456	417	260	294	40,010
Central Gulf	2,478	2,084	1,195	1,559	37,638
Arkansas	687	483	277	475	30,547
Louisiana	585	384	205	393	31,919
Oklahoma	283	240	136	179	38,693
Texas	499	354	174	312	58,554
West Gulf	2,054	1,461	792	1,359	38,447
Southern	4,532	3,545	1,987	2,918	38,154
Florida	686	423	213	452	29,009
Georgia	1088	872	467	676	32,522
East Gulf	1,774	1,295	680	1,128	31,114
North Carolina	684	593	338	409	41,012
South Carolina	565	454	282	395	27,863
Virginia	561	512	313	357	37,653
South Atlantic	1,810	1,559	933	1,161	35,506
Southeast	3,584	2,854	1,613	2,289	33,342
South Total	8,116	6,399	3,600	5,207	36,038

Continued

Region, subregion, and state	Number of private plots	Number of questionnaires sent	Number of respondents	Plots owned by respondents	Average acreage per plot
Kansas	164	146	38	38	33,974
Nebraska	141	137	27	27	23,185
North Dakota	119	117	30	30	13,700
South Dakota	88	80	17	18	33,833
Great Plains	512	480	112	113	25,991
Alaska	380	78	35	226	43,721
California	737	629	355	438	33,050
Hawaii	49	28	16	27	42,778
Oregon	844	519	335	612	17,402
Washington	654	296	188	536	18,041
Pacific	2664	1550	928	1839	24,923
Arizona	93	21	11	72	93,847
Colorado	175	147	83	97	33,876
Idaho	67	41	31	58	55,948
Montana	226	148	81	156	38,186
Nevada	69	45	17	19	27,895
New Mexico	210	136	66	128	32,258
Utah	83	66	29	35	43,914
Wyoming	93	83	59	67	29,806
Rocky Mountain	1016	687	377	632	43,383
West total	4,192	2,717	1,417	2,584	29,484
Nation Total	28,207	23,330	11,745	15,700	25,057

Data Accuracy and Reliability

It is important to know the variation associated with the estimates. Every acre and every owner are not sampled. When judging the effectiveness of the estimating procedure, we are concerned with two important criteria: first, how accurate is the estimate, and second, how precise is the estimate? Accuracy is the correspondence between the sample result and the result from a complete count or census using the same definitions and procedures. Reliability is the precision of the statistical estimates. We are chiefly interested in the accuracy of the sample but in most instances we can only measure reliability.

To check the accuracy of the data, we had this report reviewed by outside experts. The response level obtained in the study is also an attempt to assure accuracy by minimizing nonresponse bias. Beyond the search for accuracy, the reliability of the estimate is given by the calculated sampling errors. Sampling errors are calculated for the estimated number of forest-land ownership units and the acreage of forest land in each cell of the tables. Sampling errors appear in the tables for the most important categories. The sampling error for the number of acres of forest land in private ownership is calculated as part of the

forest inventory and is designed to achieve a national standard of plus or minus 3 percent at a million acres of forest land. Because this study has a much smaller sample size than the normal forest inventory, sampling errors rise rapidly for smaller areas of forest land. A similar standard does not exist for the estimates of forest-land ownership units.

Because the ownership survey was conducted using a land-area sample, the estimates of area have smaller sampling errors than the estimates of numbers of owners. Estimates for the nation as a whole are the most reliable (having the smallest sampling errors in percent), followed by regions, subregions, and finally states. The inclusion of small forest parcels (less than 10 acres) in the study population substantially increases the sampling error for the estimated number of owners. In discussions with representatives of the National Association of State Foresters and other users, most felt the level of precision achieved by the Northeastern Forest Experiment Station was sufficient. The accuracy of estimates at the state level from the previous national forest-land owner study was insufficient; therefore, increased sample sizes were allocated to areas of the country with high sampling errors to attempt to correct this problem.

The sampling errors (SE) (in percent) are:

Region, subregion, and state	Private forest land	Owners of private forest land	Owners holding 10 or more acres
Connecticut	1.4	38.9	17.0
Maine	0.5	25.0	13.4
Massachusetts	1.5	40.9	22.3
New Hampshire	0.9	26.2	17.5
Rhode Island	1.8	35.6	18.3
Vermont	0.8	41.0	20.4
New England	0.4	16.0	7.9
Delaware	2.9	43.3	18.0
Maryland	1.2	14.6	9.5
New Jersey	3.0	19.4	14.9
New York	0.4	7.8	4.0
Pennsylvania	1.1	7.4	4.1
West Virginia	0.6	11.4	4.2
Middle Atlantic	0.4	4.5	2.3
Illinois	2.5	11.3	8.3
Indiana	0.7	11.2	8.1
Iowa	0.7	19.4	10.5
Missouri	0.3	24.3	9.2
Ohio	1.4	6.4	4.1
Central	0.5	8.5	3.7
Michigan	2.8	8.2	4.3
Minnesota	0.2	17.2	10.3
Wisconsin	0.2	27.4	10.4
Lake States	1.1	10.6	4.7
North Total	0.3	4.5	2.1
Alabama	0.3	18.5	8.9
Arkansas	0.3	19.0	9.2
Kentucky	0.8	16.2	8.6
Louisiana	0.2	21.5	13.2
Mississippi	0.3	18.2	8.8
Oklahoma	0.3	25.8	16.1
Tennessee	0.3	17.6	8.5
Texas	0.1	23.7	12.6
Southern	0.1	7.2	3.7
Florida	0.2	22.1	13.2
Georgia	0.3	17.3	8.7
North Carolina	0.3	16.9	7.4
South Carolina	0.4	21.6	10.0
Virginia	0.3	16.8	8.1
Southeast	0.1	8.4	4.1
South Total	0.1	5.5	2.8

Continued

Region, subregion, and state	Private forest land	Owners of private forest land	Owners holding 10 or more acres
Kansas	0.4	35.0	17.3
Nebraska	0.6	67.1	26.2
North Dakota	1.0	40.6	22.6
South Dakota	0.4	46.3	42.2
Great Plains	0.3	26.6	13.2
Alaska	0.2	53.1	53.1
California	0.3	16.9	10.0
Hawaii	0.2	53.5	51.1
Oregon	1.5	18.7	9.7
Washington	1.2	27.0	10.4
Pacific Coast	0.4	11.2	6.8
Arizona	1.4	47.3	56.0
Colorado	0.4	30.1	24.5
Idaho	0.8	55.4	32.2
Montana	0.8	28.0	24.9
Nevada	0.5	64.1	42.9
New Mexico	0.3	31.7	31.6
Utah	0.3	52.4	41.8
Wyoming	0.4	28.1	28.1
Rocky Mountain	0.2	15.8	12.9
West Total	0.3	8.7	5.8
Nation Total	0.1	3.4	1.6

Definition of Terms

Farmer-owned lands. Lands owned by farm operators, whether part of the farmstead or not.

Forest industries. Companies or individuals operating primary wood using plants.

Forest industry lands. Lands owned by companies of individuals operating wood using plants.

Forest land. Land that is at least 16.7 percent stocked (contains at least 7.5 square feet of basal area) with forest trees of any size, or that formerly had such tree cover and is not currently developed for nonforest use. (Forest trees are woody plants that have a well developed stem and usually are more than 12 feet in height at maturity.) The minimum area for classification of forest land is 1 acre.

Ownership unit. All types of legal entities having ownership interest in land, regardless of the number of people involved. It is the focus of decisionmaking for each parcel, whether an individual (sole proprietor), group of individuals (partnerships, or undivided estates), or legal person (corporation, trust, of tribe).

Private timberland. All timberland other than that owned by federal, state, or local governments or their agencies.

Timberland. Forest land that is producing or capable of producing crops of industrial wood (more than 20 cubic feet/acre/year) and that is not withdrawn from timber utilization.

Other forest. Forest land other than timberland including oak woodlands in western Texas and Oklahoma; Juniper woodlands in California and Oregon; Pinon Juniper land in the Rocky Mountains, and much of interior Alaska.

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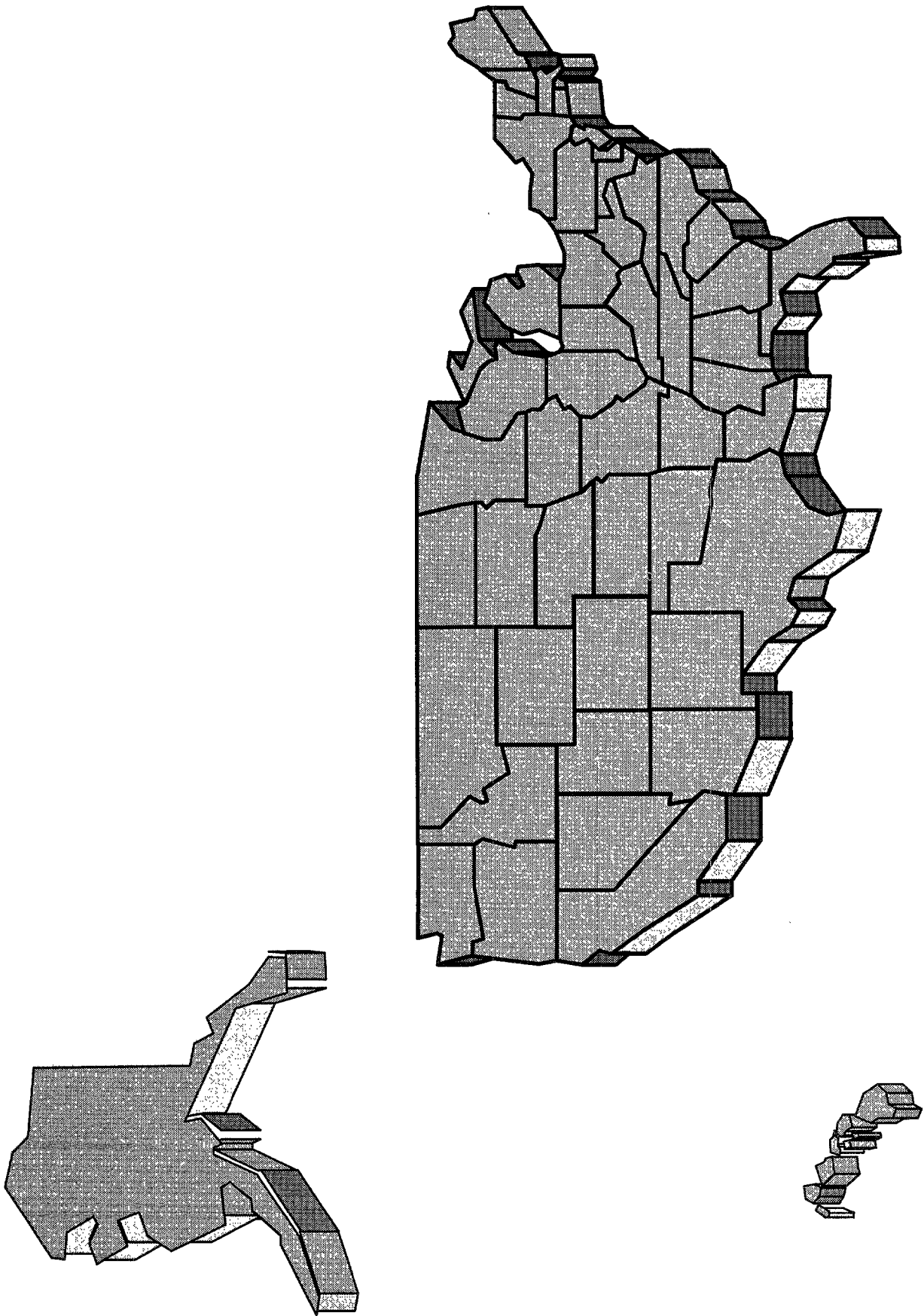
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National Tables

Table 12. Estimated number of ownership units and acres of forest land, by size class and form of ownership, national total, 1993

Size class (acres)	Ownership class						Total	SE
	Individual	Percent	Corporation	Percent	Other	Percent		
(In owners)								
1-9	5,583,100	60	39,600	25	172,600	41	5,795,300	5.8
10-19	1,169,500	13	23,300	15	57,700	13	1,250,500	4.7
20-49	1,396,200	15	32,000	20	83,400	20	1,511,600	2.9
50-99	646,800	7	21,100	13	49,300	11	717,200	3.1
100-199	325,600	3	16,200	10	29,300	7	371,100	3.3
200-499	153,700	2	13,200	8	20,900	5	187,800	6.6
500-999	28,900	W	5,600	3	6,800	1	41,300	5
1000-4999	12,300	W	3,900	2	4,400	1	20,600	5
5000+	3,300	W	2,200	1	800	W	6,300	33
Sub total over 10	3,736,300	40	117,500	75	252,600	59	4,106,500	1.6
Total	9,319,400	100	157,100	100	425,200	100	9,901,700	3.4
SE	3.6		13		13.4		3.4	
(In thousands of acres)								
1-9	15,847	7	214	W	568	1	16,629	4.7
10-19	14,812	6	340	W	671	1	15,823	4.7
20-49	41,368	18	776	1	2,467	5	44,611	3
50-99	42,521	18	1,330	1	3,341	6	47,193	3.3
100-199	39,952	17	2,104	2	3,757	7	45,813	3.4
200-499	37,185	16	3,741	3	4,894	9	45,821	3
500-999	17,015	7	3,523	3	3,949	7	24,488	4.2
1000-4999	17,051	7	7,699	7	6,587	12	31,337	3.9
5000+	6,596	3	87,401	81	27,677	51	121,673	2.9
Subtotal over 10	216,502	93	106,915	100	53,343	99	376,760	0.2
Total	232,348	100	107,129	100	53,911	100	393,389	0.1
SE	1.4		3.4		4.2		0.1	

W- Fewer than 50 owners or less than 0.5 percent.

Table 13. Estimated number of ownership units and acres of forest land, by form of ownership and past harvest experience, national total, 1993

Form of ownership	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Individual + joint	4,281,100	93	5,038,300	95	9,319,400	3.6
Partnership	178,500	4	110,800	2	289,300	17.2
Corporation	53,400	1	103,700	2	157,100	13.1
Club/association	21,600	W	26,000	W	47,600	32.3
Other	62,300	1	26,000	W	88,300	26.7
Total	4,596,900	100	5,304,800	100	9,901,700	3.4
SE	4.4		5.3		3.4	
(In thousands of acres)						
Individual + joint	161,373	53	70,975	81	232,348	1.4
Partnership	23,770	8	5,879	7	29,649	6.1
Corporation	99,109	32	8,020	9	107,129	3.4
Club/association	1,794	1	756	1	2,549	10.1
Other	20,054	7	1,659	2	21,713	7
Total	306,100	100	87,289	100	393,389	0.1
SE	0.6		2.1		0.1	
W-Fewer than 50 owners or less than 0.5 percent						

Table 14. Estimated number of ownership units and acres of forest land, by incorporated and unincorporated businesses and past harvest experience, national total, 1993

Nature of business	Harvest				Total	SE
	Harvested	Percent	Did not harvest	Percent		
	(In owners)					
Incorporated:						
Forest industry	2,800	W	200	W	3,000	15.9
Farm	12,100	W	14,400	W	26,500	16.6
Industrial business	5,400	W	4,300	W	9,700	20.1
Real estate	7,400	W	29,000	1	36,400	26.5
Non-industrial	6,700	W	15,200	W	21,900	49.2
Sport/ recreation club	5,400	W	6,200	W	11,600	26.9
Public utility	300	W	500	W	800	47.2
Other	3,800	W	33,700	1	47,200	28.8
Total corporate	53,400	1	103,700	2	157,100	13.1
Unincorporated:						
Forest industry	10,100	W	200	W	10,300	52.2
Farm	1,444,900	31	959,900	18	2,404,800	5.9
Misc. individual	2,823,600	61	3,941,400	75	6,765,000	4.5
Industrial business	4,400	W	16,600	W	21,000	40.5
Real estate	78,000	2	121,800	2	199,800	31.8
Nonindustrial business	17,400	W	35,300	1	52,700	28.6
Sport/ recreation club	54,700	1	49,900	1	104,600	22.7
Other	110,400	2	76,000	1	186,400	16.7
Total noncorporate	4,543,500	99	5,201,100	98	9,744,600	3.5
Total	4,596,900	100	5,304,800	100	9,901,700	3.4
SE	4.4		5.3		3.4	
	(In thousands of acres)					
Incorporated:						
Forest industry	62,398	20	W	W	62,413	6
Farm	6,874	2	2,419	3	9,293	7.9
Industrial business	5,781	2	930	1	6,711	8.8
Real estate	5,951	2	1,409	2	7,360	9.4
Non-industrial	1,320	W	429	W	1,749	15.8
Sport/ recreation club	1,618	1	438	1	2,056	14.5
Public utility	2,157	1	91	W	2,248	16.1
Other	13,010	4	2,289	2	15,299	8.4
Total corporate	99,109	32	8,020	9	107,129	3.4
Unincorporated:						
Forest industry	17,233	6	69	W	17,302	13.1
Farm	77,124	25	25,032	29	102,157	1.9
Misc. individual	84,366	28	46,689	54	133,521	2
Industrial business	1,751	1	569	1	2,320	18.4
Real estate	6,802	2	1,786	2	8,588	9.2
Nonindustrial business	1,773	1	465	1	2,237	16
Sport/ recreation club	4,212	1	1,500	2	5,712	7.6
Other	13,730	4	3,159	2	14,423	9.1
Total noncorporate	206,991	68	79,269	91	286,260	1.3
Total	306,100	100	87,289	100	393,389	0.1
SE	0.6		2.1		0.1	

W- Fewer than 50 owners or less than 0.5 percent

Table 15. Estimated number of ownership units and acres of forest land, by occupation class and intention to harvest , national total, 1993

Occupation	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
	(In owners)									
Professional	347,900	11	279,600	10	356,600	10	98,000	17	1,079,200	11.8
Managers	332,300	11	344,300	12	394,100	11	98,200	17	1,168,800	13.1
Other White collar	208,800	7	241,100	9	242,100	7	1,500	W	693,500	15.6
All white collar	889,000	28	865,000	31	989,800	29	197,700	34	2,941,500	7.7
Craftsmen	258,300	8	160,500	6	159,500	5	1,900	W	580,200	14.5
Blue collar	309,900	10	197,200	7	378,200	11	33,900	6	919,200	12.6
All blue collar	568,200	18	357,700	13	537,700	16	35,800	6	1,499,400	9.5
Farmers	322,800	10	275,600	10	129,600	4	9,900	2	737,900	8.3
Service workers	74,100	2	60,400	2	231,200	7	800	W	366,500	23.2
Homemaker	21,600	1	65,200	2	52,100	1	3,300	1	142,100	15.3
Retired	902,200	29	815,500	29	917,700	27	112,100	19	2,747,400	5.9
No answer	152,000	5	167,400	6	389,100	11	176,100	30	884,600	11.3
All other owners	197,300	6	148,400	5	194,100	6	42,500	7	582,300	10.4
Total	3,127,100	100	2,755,200	100	3,441,200	100	578,200	100	9,901,700	3.4
SE	5.2		6		6.8		19.6		3.4	
	(in thousands of acres)									
Professional	15,051	6	8,382	9	3,287	7	533	6	27,254	3.9
Managers	16,815	7	8,722	10	3,445	8	449	5	29,431	3.8
Other white collar	5,284	2	3,597	4	1,866	4	113	1	10,860	5.8
All white collar	37,150	15	20,701	23	8,598	19	1,096	13	67,545	2.5
Craftsmen	4,330	2	2,857	3	1,520	3	59	1	8,767	6.4
Blue collar	6,508	3	4,306	5	2,175	5	318	4	13,307	5.1
All blue collar	10,838	4	7,163	8	3,696	8	378	5	22,074	4
Farmers	23,023	9	10,868	12	3,285	7	466	5	37,641	3.4
Service workers	2,567	1	1,343	1	796	2	20	W	4,726	9.7
Homemaker	1,782	1	2,395	3	1,427	3	251	3	5,855	8.9
Retired	33,654	13	26,741	29	14,431	32	2,066	25	76,892	2.6
No answer	7,476	3	5,012	5	3,017	7	2,110	25	17,614	5.3
All other owners	132,993	53	16,293	18	9,775	22	1,979	24	161,040	2
Total	249,483	100	90,516	100	45,024	100	8,366	100	393,389	0.1
SE	1		2.3		3.1		7		0.1	

W-Fewer than 50 owners or less than 0.5 percent

Table 16. Estimated number of ownership units and acres of forest land, by age class and past harvest experience, national total, 1993

Age	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Under 25	46,200	1	20,600	W	66,800	58.3
25-34	218,000	5	255,500	5	473,500	19.2
35-44	705,400	15	943,400	18	1,648,800	10.2
45-54	857,900	19	1,261,600	24	2,119,500	8.3
55-64	851,200	19	1,138,400	21	1,989,600	7.5
65 or over	1,470,200	32	1,073,800	20	2,544,000	5.3
No answer	132,100	3	345,000	7	477,100	20.4
All other owners	315,900	7	266,500	5	582,400	10.4
Total	4,596,900	100	5,304,800	100	9,901,700	3.4
SE	4.4		5.3		3.4	
(In thousands of acres)						
Under 25	406	W	179	W	585	24.1
25-34	3,195	1	2,968	3	6,163	8.3
35-44	16,037	5	9,737	11	25,774	3.9
45-54	29,080	9	16,251	19	45,332	3
55-64	37,171	12	17,005	19	54,176	2.7
65 or over	70,713	23	21,947	25	92,660	2.3
No answer	4,772	1	2,887	3	7,659	8.9
All other owners	144,726	47	16,314	19	161,040	2
Total	306,100	100	87,289	100	393,389	0.1
SE	0.6		2.1		0.1	

W-Fewer than 50 owners of less than 0.5 percent

Table 17. Estimated number of ownership units and acres of forest land, by date of acquisition and form of ownership, national total, 1993

Date of acquisition	Ownership class					Total	SE
	Forest industry	Farmer	Miscellaneous:		Other		
			Individual	Corporation			
(In owners)							
1990-1994	700	129,800	848,100	9,500	29,400	1,017,500	13.5
1980-1989	2,500	370,100	2,041,600	55,300	60,100	2,529,600	7.2
1970-1979	1,000	515,300	1,608,200	14,500	107,100	2,246,100	6.8
1960-1969	1,100	528,800	935,100	14,900	46,700	1,526,600	9
1950-1959	700	329,000	405,200	7,800	14,400	757,100	10.2
1940-1949	400	224,100	298,900	6,600	9,500	539,500	11.5
1901-1939	5,900	125,900	153,600	7,600	22,400	315,500	15.8
Prior to 1900	200	10,700	47,200	1,300	7,200	66,600	47.3
No answer	800	197,600	671,300	9,900	23,600	903,200	14.1
Total	13,300	2,431,400	7,009,100	127,600	320,500	9,901,700	3.4
SE	40.6	5.8	4.4	15.8	17	3.4	
(In thousands of acres)							
1990-1994	600	4,900	9,200	1,300	1,600	17,600	5.5
1980-1989	2,700	16,400	29,900	7,700	4,500	61,100	3.4
1970-1979	2,400	22,100	33,800	9,100	4,100	71,500	3.2
1960-1969	6,700	22,600	24,400	3,000	2,800	59,500	3.1
1950-1959	6,200	17,500	16,100	2,100	2,400	44,300	4.4
1940-1949	6,700	11,800	10,200	1,400	1,100	31,200	5
1901-1939	18,900	7,700	5,300	5,400	3,600	41,000	6.5
Prior to 1900	30,400	2,600	1,800	3,200	6,800	44,700	6.9
No answer	5,000	5,900	7,800	2,300	1,400	22,500	6.8
Total	79,700	111,400	138,500	35,400	28,300	393,400	0.1
SE	5	1.9	1.9	4.5	6.3	0.1	

Table 18. Estimated number of ownership units and acres of forest land, by distance from tracts, national total, 1993

Distance	Tracts			Total
	1 tract	More than one tract		
		Nearest tract	Farthest tract	
		(In owners)		
Less than 1 mile	5,141,800	1,524,800	567,900	
2-5 miles	320,700	137,400	285,000	
6-15 miles	328,500	146,800	281,900	
16-25 miles	166,100	41,500	110,200	
26-50 miles	141,600	72,400	157,000	
51-100 miles	155,400	61,200	175,400	
More than 100 miles	802,900	135,400	519,600	
No answer	652,800	72,400	94,900	
Total	7,709,800	2,191,900	2,191,900	9,901,700
		(In thousands of acres)		
Less than 1 mile	73,929	122,177	27,277	
2-5 miles	7,409	31,006	22,495	
6-15 miles	9,761	31,021	26,569	
16-25 miles	5,288	8,681	15,879	
26-50 miles	7,469	14,819	22,732	
51-100 miles	6,838	7,456	33,416	
More than 100 miles	18,598	14,211	80,120	
No answer	8,597	26,129	27,012	
Total	137,889	255,500	255,500	393,389

Table 19. Estimated number of ownership units and acres of forest land, by primary and secondary reason for owning forest land , national total, 1993

Reason	Primary reason		Secondary reason	
	Number	Percent	Number	Percent
(In owners)				
Land investment	920,000	9	496,000	5
Recreation	874,500	9	667,900	7
Timber production	272,200	3	258,700	3
Farm and domestic use	816,400	8	749,200	8
Esthetic enjoyment	1,392,400	14	1,467,500	15
Part of farm	1,189,800	12	464,800	5
Part of residence	2,641,500	27	1,060,500	11
Estate	992,000	10	1,143,800	12
Other	448,900	5	106,800	1
No secondary reason given	-	-	3,132,500	32
No answer	354,100	3	354,100	4
Total	9,901,700	100	9,901,700	100
(In thousands of acres)				
Land investment	39,253	10	37,193	9
Recreation	37,868	10	40,949	10
Timber production	113,220	29	34,764	9
Farm and domestic use	35,778	9	27,565	7
Esthetic enjoyment	28,699	7	31,685	8
Part of farm	38,637	10	15,359	4
Part of residence	32,620	8	19,387	5
Estate	26,407	7	35,066	9
Other	34,572	9	11,932	3
No secondary reason given	-	-	132,975	34
No answer	6,334	2	6,334	2
Total	393,389	100	393,389	100

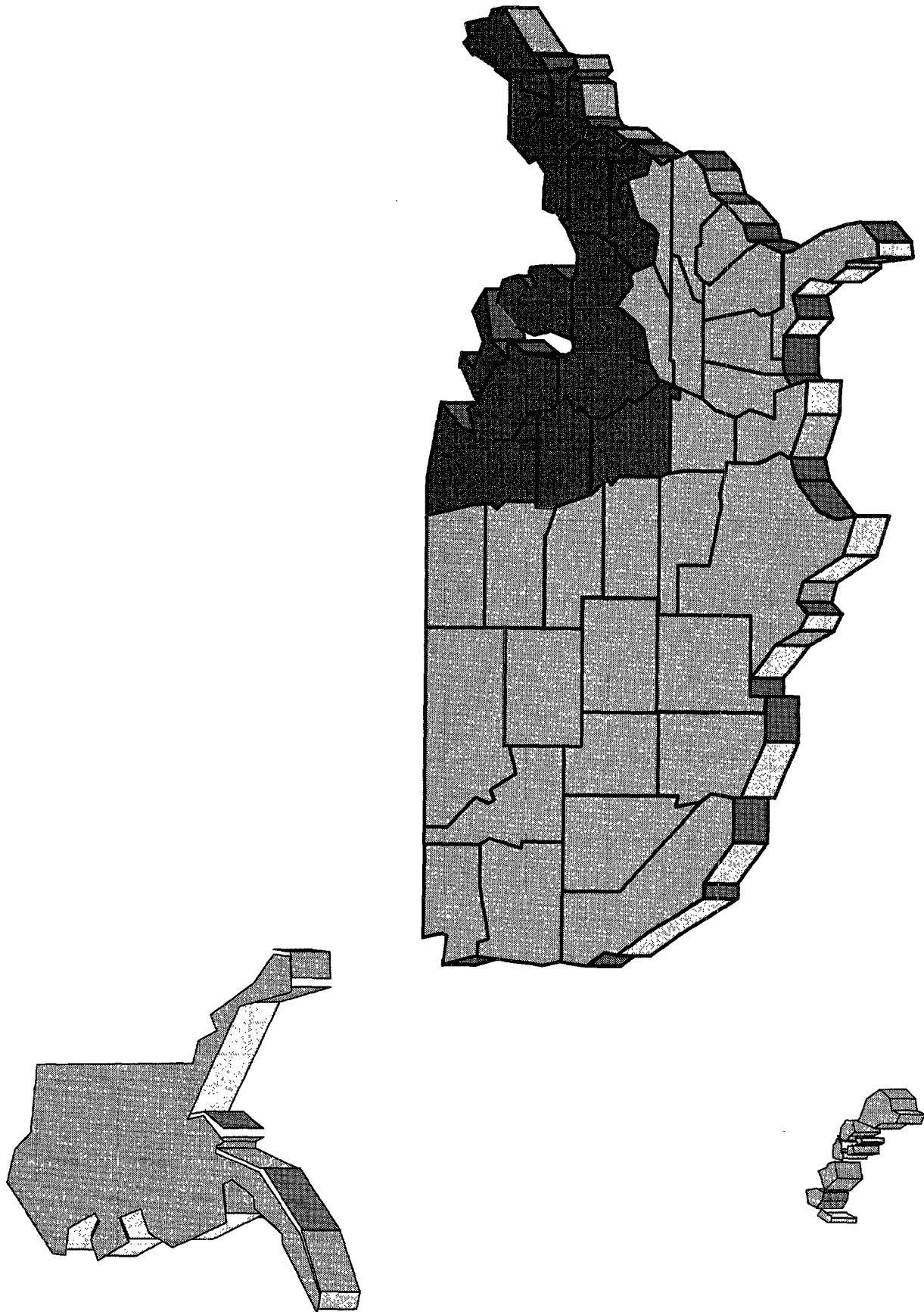
Table 20. Estimated number of ownership units and acres of forest land, by primary benefit expected in the next 10 years and past harvest experience, national total, 1993

Benefits expected	Harvest Experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Land value increase	927,200	20	1,128,700	21	2,055,900	8.7
Recreation	505,400	11	454,000	9	959,400	8.2
Income from timber	315,300	7	162,200	3	477,500	14.6
Farm and domestic use	762,600	17	742,700	14	1,505,400	9
Esthetic enjoyment	1,431,100	31	1,925,200	36	3,356,200	6.2
Firewood	330,200	7	91,300	2	421,500	13.7
Other	165,000	3	313,900	6	478,900	12.5
No answer	160,100	3	486,800	9	646,900	16.1
Total	4,596,900	100	5,304,800	100	9,901,700	3.4
SE	4.4		5.3		3.4	
(In thousands of acres)						
Land value increase	44,463	15	19,152	22	63,615	3
Recreation	28,809	9	13,980	16	42,789	4.4
Income from timber	125,907	41	5,695	7	131,603	2.6
Farm and domestic use	32,512	11	10,416	12	42,928	5.5
Esthetic enjoyment	38,038	12	25,233	29	63,271	2.8
Firewood	8,650	3	1,259	1	9,909	5.9
Other	20,777	7	6,472	7	27,249	8.3
No answer	6,943	2	5,083	6	12,026	10.1
Total	306,100	100	87,289	100	393,389	0.1
SE	0.6		2.1		0.1	

Table 21. Estimated number of ownership units and acres of forest land, by size class and intention to harvest, national total, 1993

Size class (acres)	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
(In owners)										
1-9	1,391,200	44	1,384,600	50	2,557,900	74	461,600	80	5,795,300	5.8
10-19	456,800	15	379,500	14	374,200	11	40,100	7	1,250,500	4.7
20-49	653,600	21	502,100	18	316,700	9	39,200	7	1,511,600	2.9
50-99	302,600	10	268,500	10	123,700	3	22,400	4	717,200	3.1
100-199	182,300	6	134,200	5	45,200	1	9,400	2	371,100	3.3
200-499	97,600	3	68,600	2	17,600	1	4,100	1	187,800	6.6
500-999	24,200	1	12,200	W	3,900	W	900	W	41,300	5
1000-4999	13,500	W	4,700	W	1,800	W	500	W	20,600	5
5000+	5,400	W	800	W	200	W	W	W	6,300	33
Subtotal over 10	1,735,900	55	1,370,600	50	883,300	26	116,600	20	4,106,500	1.6
Total	3,127,100	100	2,755,200	100	3,341,200	100	578,200	100	9,901,700	3.4
SE	5.2		6		6.8		19.6		3.4	
(In thousands of acres)										
1-9	4,301	2	4,439	5	6,737	15	1,151	14	16,629	4.7
10-19	5,904	2	4,813	5	4,586	10	520	6	15,823	4.7
20-49	19,333	8	15,097	17	8,976	20	1,204	14	44,611	3
50-99	20,182	8	17,674	19	7,811	17	1,526	18	47,193	3.3
100-199	22,648	9	16,396	18	5,641	13	1,128	13	45,813	3.4
200-499	25,475	10	14,827	16	4,437	10	1,081	13	45,821	3
500-999	15,268	6	6,447	7	2,161	5	611	7	24,488	4.2
1000-4999	20,202	8	7,306	8	3,159	7	669	8	31,337	3.9
5000+	116,168	47	3,517	4	1,514	3	475	6	121,673	2.9
Subtotal over 10	245,181	98	86,077	95	38,287	85	7,215	86	376,760	0.2
Total	249,483	100	90,516	100	45,024	100	8,366	100	393,389	0.1
SE	1		2.3		3.1		7		0.1	

W- Fewer than 50 owners or less than 0.5 percent.



Northern Regional Tables

Table 22. Estimated number of ownership units and acres of forest land, by size class and form of ownership, Northern Region, 1993

Size class (acres)	Ownership class						Total	SE
	Individual	Percent	Corporation	Percent	Other	Percent		
	(In owners)							
1-9	1,985,000	54	9,100	12	42,400	27	2,036,500	8.8
10-19	572,400	15	18,400	25	25,600	17	616,500	5.6
20-49	624,900	17	22,400	30	41,100	27	688,400	3.7
50-99	303,600	8	7,500	10	21,800	14	332,900	3.6
100-199	145,200	4	6,300	9	11,400	7	162,900	4.5
200-499	63,800	2	5,300	7	9,800	6	78,900	13.3
500-999	6,700	W	2,700	4	1,200	1	10,500	8.7
1000-4999	1,600	W	1,200	1	1,200	1	3,900	10.7
5000+	100	W	700	1	100	W	900	7.9
Sub total over 10	1,718,200	46	64,400	88	112,200	73	1,894,700	2.1
Total	3,703,200	100	73,500	100	154,600	100	3,931,200	4.5
SE	4.8		13.8		11.9		4.5	
	(In thousands of acres)							
1-9	6,107	7	63	W	158	1	6,328	6
10-19	7,320	8	267	1	305	3	7,893	5.5
20-49	18,685	20	523	2	1,145	9	20,354	3.6
50-99	19,969	22	464	2	1,471	12	21,904	3.5
100-199	17,877	19	810	3	1,471	12	20,158	3.9
200-499	14,164	15	1,522	6	1,820	15	17,507	4.1
500-999	3,774	4	1,529	6	759	6	6,062	7.1
1000-4999	2,273	2	2,309	9	1,345	11	5,927	7.1
5000+	1,658	2	18,154	71	3,606	30	23,417	4.8
Subtotal over 10	85,721	93	25,579	100	11,923	99	123,223	0.4
Total	91,828	100	25,642	100	12,081	100	129,551	0.3
SE	1.3		4.9		6.8		0.3	

W- Fewer than 50 owners or less than 0.5 percent.

Table 23. Estimated number of ownership units and acres of forest land, by form of ownership and past harvest experience, Northern Region, 1993

Form of ownership	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Individual + joint	1,816,800	94	1,886,400	94	3,703,200	4.8
Partnership	56,200	3	47,300	2	103,400	13
Corporation	31,600	2	41,900	2	73,500	13.8
Club/association	6,200	W	14,200	1	20,400	27.9
Other	17,300	1	13,500	1	30,800	36.5
Total	1,928,100	100	2,003,200	100	3,931,200	4.5
SE	5.6		7.4		4.5	
(In thousands of acres)						
Individual + joint	64,186	66	27,642	81	91,828	1.3
Partnership	6,179	6	1,966	7	8,145	9
Corporation	23,462	24	2,180	9	25,642	4.9
Club/association	1,203	1	404	1	1,606	11
Other	1,981	2	348	2	2,329	16.7
Total	97,011	100	32,540	100	129,551	0.3
SE	0.9		2.6		0.3	
W-Fewer than 50 owners or less than 0.5 percent						

W-Fewer than 50 owners or less than 0.5 percent

Table 24. Estimated number of ownership units and acres of forest land, by incorporated and unincorporated businesses and past harvest experience, Northern Region, 1993

Nature of business	Harvest				Total	SE
	Harvested	Percent	Did not harvest	Percent		
	(In owners)					
Incorporated:						
Forest industry	1,000	W	200	W	1,200	21.9
Farm	6,200	W	5,800	W	12,000	28
Industrial business	3,400	W	2,200	W	5,700	28.9
Real estate	4,600	W	12,100	1	16,800	34.6
Non-industrial	3,200	W	3,500	W	6,700	43
Sport/ recreation club	2,600	W	4,600	W	7,100	36.3
Public utility	200	W	500	W	700	53.2
Other	10,300	1	13,000	1	23,300	27.8
Total corporate	31,600	2	41,900	2	73,500	13.8
Unincorporated:						
Forest industry	7,500	W	100	W	7,700	68.4
Farm	627,100	33	454,100	23	1,081,200	9.1
Misc. individual	1,180,300	61	1,375,900	69	2,556,300	5.9
Industrial business	1,500	W	8,800	W	10,200	65.7
Real estate	15,800	1	36,400	2	52,200	20.7
Nonindustrial business	10,200	1	14,500	1	24,800	35.9
Sport/ recreation club	22,900	1	30,800	1	53,700	27.7
Other	31,100	2	40,600	2	71,700	21.3
Total noncorporate	1,896,500	98	1,961,300	98	3,857,700	4.6
Total	1,928,100	100	2,003,200	100	3,931,200	4.5
SE	5.6		7.4		4.5	
	(In thousands of acres)					
Incorporated:						
Forest industry	14,354	15	W	W	14,368	8.4
Farm	1,529	1	247	1	1,776	15
Industrial business	1,912	2	265	1	2,177	10.2
Real estate	1,243	1	527	2	1,770	17
Non-industrial	500	1	195	1	695	24.8
Sport/ recreation club	654	1	140	W	795	16.4
Public utility	1,208	1	W	W	1,298	18.6
Other	2,063	2	700	2	2,763	12.7
Total corporate	23,462	24	2,180	7	25,642	4.9
Unincorporated:						
Forest industry	2,059	2	44	W	2,093	24.4
Farm	29,721	31	7,823	24	37,544	2.4
Misc. individual	32,135	33	19,386	59	51,521	2.1
Industrial business	581	1	250	1	831	19.4
Real estate	2,783	3	665	2	3,449	17.8
Nonindustrial business	978	1	131	W	1,109	26.2
Sport/ recreation club	2,243	2	746	2	2,989	9.5
Other	3,049	3	1,323	4	4,374	9.8
Total noncorporate	73,549	76	30,360	93	13,909	1.2
Total	97,011	100	32,540	100	129,551	0.3
SE	0.9		2.6		0.3	

W- Fewer than 50 owners or less than 0.5 percent

Table 25. Estimated number of ownership units and acres of forest land, by occupation class and intention to harvest , Northern Region, 1993

Occupation	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
	(In owners)									
Professional	133,500	10	132,500	12	169,100	15	33,700	11	468,800	16.8
Managers	94,000	7	161,600	14	162,800	14	67,900	23	486,400	22.4
Other White collar	79,800	6	75,900	7	51,000	4	1,500	1	208,100	16.2
All white collar	307,400	23	369,900	33	382,900	33	103,100	35	1,163,300	11.8
Craftsmen	101,500	7	49,200	4	41,400	3	1,900	1	194,000	13.8
Blue collar	138,000	10	115,200	10	143,900	13	9,100	3	406,100	17.2
All blue collar	239,400	18	164,300	15	185,300	16	11,100	4	600,100	12.4
Farmers	178,500	13	98,200	9	45,900	4	7,800	3	330,500	7.5
Service workers	36,700	3	14,400	1	24,100	2	800	W	76,000	15.5
Homemaker	13,500	1	25,900	2	21,600	2	2,600	1	63,600	16.5
Retired	427,900	31	349,500	31	310,800	27	51,500	17	1,139,700	7.5
No answer	81,900	6	53,800	5	90,000	8	104,200	35	329,900	11.9
All other owners	71,700	5	50,000	4	90,200	8	16,200	5	228,100	9.1
Total	1,357,000	100	1,126,000	100	1,150,900	100	297,300	100	3,931,200	4.5
SE	4.7		8.9		10.3		26.2		4.5	
	(in thousands of acres)									
Professional	6,210	8	2,775	9	1,236	8	185	5	10,406	5.1
Managers	6,040	8	3,013	9	1,339	9	246	6	10,638	5.7
Other white collar	2,297	3	1,198	4	517	3	113	3	4,126	8.2
All white collar	14,457	18	6,986	22	3,093	21	545	14	25,171	3.3
Craftsmen	2,412	3	1,239	4	668	4	59	1	4,379	8.5
Blue collar	3,582	5	2,148	7	779	5	119	4	6,628	6.4
All blue collar	5,994	7	3,387	11	1,447	10	178	5	11,007	5.1
Farmers	9,787	12	3,602	11	918	6	249	6	14,556	4.7
Service workers	1,417	2	447	1	195	1	21	1	2,080	12.9
Homemaker	643	1	868	3	480	3	137	3	2,127	10
Retired	14,176	18	9,393	30	4,901	33	1,072	27	29,542	2.9
No answer	3,636	5	1,637	5	1,031	7	1,040	26	7,344	8.7
All other owners	29,100	37	5,118	16	2,817	19	687	17	37,722	3.2
Total	79,301	100	31,439	100	14,881	100	3,929	100	129,551	0.3
SE	1.3		2.8		3.9		7.4		0.3	

W-Fewer than 50 owners or less than 0.5 percent

Table 26. Estimated number of ownership units and acres of forest land, by age class and past harvest experience, Northern Region, 1993

Age	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Under 25	4,400	W	9,500	W	14,000	64.8
25-34	137,500	7	87,300	4	224,900	30.3
35-44	305,100	16	371,800	19	676,900	15.2
45-54	308,800	16	348,400	17	657,200	9
55-64	348,800	18	416,800	21	765,600	9.7
65 or over	644,300	33	450,500	22	1,094,800	6.3
No answer	67,900	3	202,100	10	270,000	27
All other owners	111,300	6	116,800	6	228,100	9.1
Total	1,928,100	100	2,003,200	100	3,931,200	4.5
SE	5.6		7.4		4.5	
(In thousands of acres)						
Under 25	71	W	72	W	143	30.1
25-34	1,387	1	1,094	3	2,481	11.5
35-44	7,414	8	4,090	13	11,504	5.1
45-54	12,043	12	5,664	17	17,707	4
55-64	15,183	16	6,618	20	21,800	3.6
65 or over	25,434	26	8,670	27	34,104	2.7
No answer	2,655	3	1,434	4	4,089	13.7
All other owners	32,825	34	4,898	15	37,722	3.2
Total	97,011	100	32,540	100	129,551	0.3
SE	0.9		2.6		0.3	

W-Fewer than 50 owners of less than 0.5 percent

Table 27. Estimated number of ownership units and acres of forest land, by date of acquisition and form of ownership, Northern Region, 1993

Date of acquisition	Ownership class					Total	SE
	Forest industry	Farmer	Miscellaneous:		Other		
			Individual	Corporation			
(In owners)							
1990-1994	W	30,600	253,600	1,800	5,300	291,300	29.6
1980-1989	1,200	105,400	712,800	17,000	19,400	855,800	9.6
1970-1979	700	225,200	674,000	8,200	27,700	935,800	8
1960-1969	400	363,200	430,200	8,200	32,500	834,700	12.4
1950-1959	300	143,200	165,900	5,900	6,800	322,100	8.2
1940-1949	200	97,000	130,000	6,200	2,100	235,600	13.5
1901-1939	5,700	58,600	61,400	6,600	4,400	136,700	16.6
Prior to 1900	100	7,000	10,800	700	5,700	24,300	35.8
No answer	300	62,800	218,800	5,600	7,500	295,000	15.5
Total	8,900	1,093,100	2,657,500	60,300	111,400	3,931,200	4.5
SE	59.2	9	5.8	15.9	14.5	4.5	
(In thousands of acres)							
1990-1994	177	845	2,273	188	541	4,024	10.7
1980-1989	1,038	4,592	12,133	1,311	1,604	20,678	3.8
1970-1979	973	8,492	15,064	820	1,591	26,941	3.3
1960-1969	1,112	9,460	10,727	953	1,219	23,471	3.5
1950-1959	707	6,815	6,180	893	803	15,399	4.6
1940-1949	1,901	4,404	3,619	480	279	10,683	7.5
1901-1939	3,565	2,393	2,049	2,123	883	11,014	7.5
Prior to 1900	5,499	561	975	1,807	1,849	10,692	10.1
No answer	1,489	1,757	2,146	921	335	6,649	9.7
Total	16,461	39,319	55,167	9,498	9,105	129,551	0.3
SE	7.6	2.4	2.1	6.1	8.2	0.3	

Table 28. Estimated number of ownership units and acres of forest land, by distance from tracts, Northern Region, 1993

Distance	Tracts			Total
	1 tract	More than one tract		
		Nearest tract	Farthest tract	
		(In owners)		
Less than 1 mile	2,195,700	568,900	254,100	
2-5 miles	109,800	58,200	127,900	
6-15 miles	144,800	51,300	103,800	
16-25 miles	48,500	14,900	27,800	
26-50 miles	57,400	22,800	41,300	
51-100 miles	73,700	24,500	59,600	
More than 100 miles	294,900	52,800	144,800	
No answer	178,900	34,100	68,300	
Total	3,103,700	827,500	827,500	3,931,200
		(In thousands of acres)		
Less than 1 mile	34,605	41,144	13,031	
2-5 miles	2,742	7,475	8,997	
6-15 miles	4,043	6,694	8,223	
16-25 miles	1,509	2,157	3,578	
26-50 miles	2,187	2,303	5,531	
51-100 miles	3,045	2,041	7,826	
More than 100 miles	7,840	4,797	18,356	
No answer	2,394	4,577	5,644	
Total	58,364	71,186	71,186	129,551

Table 29. Estimated number of ownership units and acres of forest land, by primary and secondary reason for owning forest land , Northern Region, 1993

Reason	Primary reason		Secondary reason	
	Number	Percent	Number	Percent
(In owners)				
Land investment	215,400	6	179,400	5
Recreation	515,800	13	280,200	7
Timber production	38,100	1	70,100	2
Farm and domestic use	383,900	10	308,600	8
Esthetic enjoyment	634,800	16	715,600	18
Part of farm	599,400	15	163,900	4
Part of residence	1,043,200	27	354,300	9
Estate	176,000	4	333,800	8
Other	168,900	4	46,700	1
No secondary reason given	-	-	1,323,000	34
No answer	155,500	4	155,500	4
Total	3,931,200	100	3,931,200	100
(In thousands of acres)				
Land investment	9,839	8	8,411	7
Recreation	19,930	15	14,421	11
Timber production	24,146	19	8,693	7
Farm and domestic use	14,207	11	11,964	9
Esthetic enjoyment	13,450	10	15,533	12
Part of farm	16,174	12	6,376	5
Part of residence	13,720	11	8,611	7
Estate	6,406	5	9,669	7
Other	9,869	8	2,018	2
No secondary reason given	-	-	42,046	32
No answer	1,809	1	1,809	1
Total	129,551	100	129,551	100

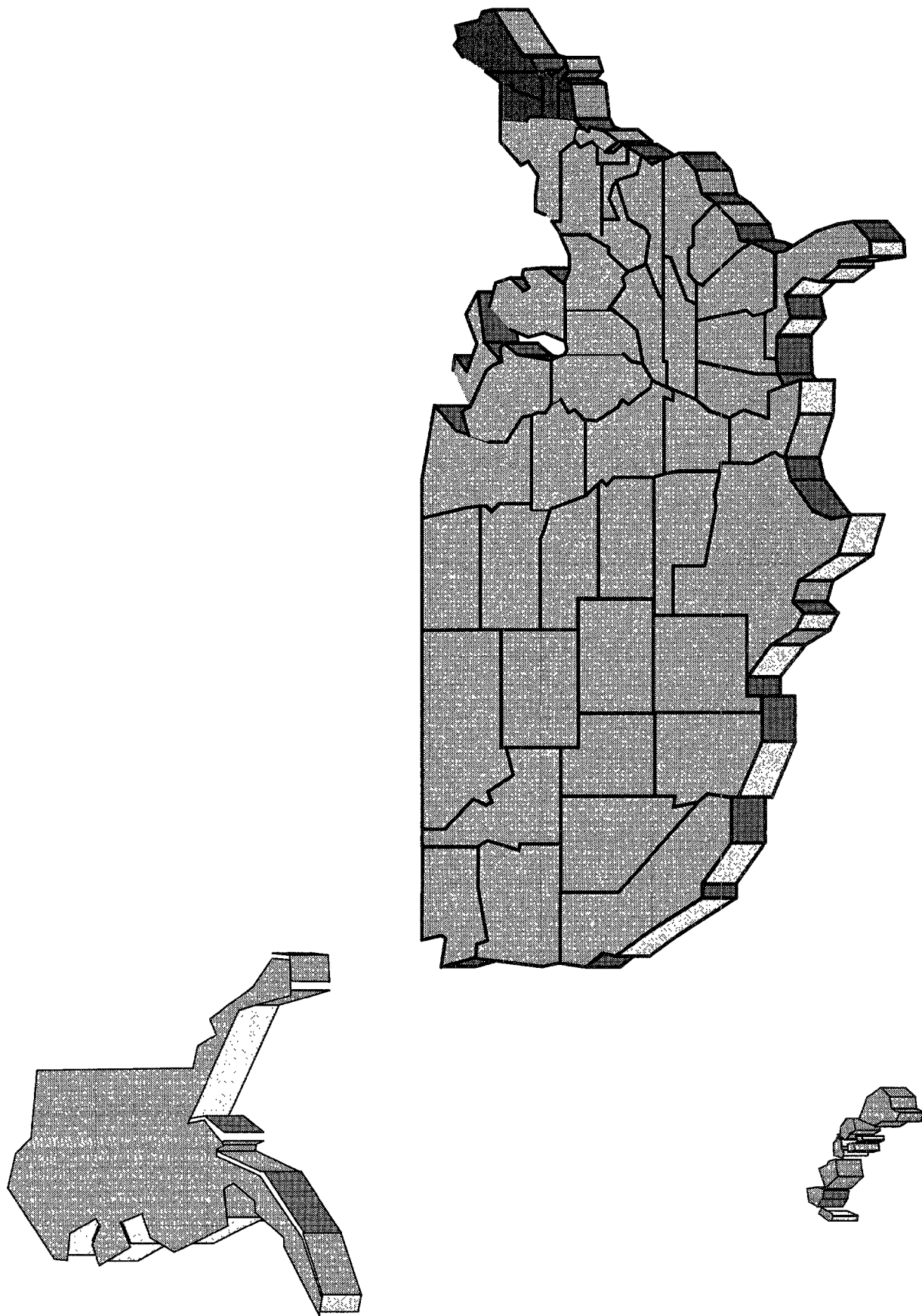
Table 30. Estimated number of ownership units and acres of forest land, by primary benefit expected in the next 10 years and past harvest experience, Northern Region, 1993

Benefits expected	Harvest Experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Land value increase	287,200	15	246,700	12	533,900	13.2
Recreation	287,400	15	209,300	10	496,700	8.6
Income from timber	104,500	5	20,400	1	124,900	9
Farm and domestic use	242,900	13	280,900	14	523,900	16.1
Esthetic enjoyment	676,900	35	869,100	43	1,546,000	8.2
Firewood	176,000	9	25,900	1	201,900	9.7
Other	63,600	3	159,800	8	223,400	20.6
No answer	89,500	5	191,000	9	280,500	16.5
Total	1,928,100	100	2,003,200	100	3,931,200	4.5
SE	5.6		7.4		4.5	
(In thousands of acres)						
Land value increase	12,236	13	5,643	17	17,878	3.8
Recreation	13,476	14	6,478	20	19,954	3.7
Income from timber	29,227	30	1,183	4	30,410	3.6
Farm and domestic use	10,877	11	2,931	9	13,808	4.8
Esthetic enjoyment	18,681	19	11,967	37	30,648	2.8
Firewood	5,884	6	512	1	6,396	7.1
Other	4,642	5	1,958	6	6,600	7.6
No answer	1,988	2	1,868	6	3,856	8.1
Total	97,011	100	32,540	100	129,551	0.3
SE	0.9		2.6		0.3	

Table 31. Estimated number of ownership units and acres of forest land, by size class and intention to harvest , Northern Region, 1993

Size class (acres)	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
(In owners)										
1-9	439,600	32	550,700	49	821,100	71	225,100	76	2,036,500	8.8
10-19	255,700	19	194,300	17	136,100	12	30,300	10	616,500	5.6
20-49	350,300	26	194,600	17	122,900	11	20,600	7	688,400	3.7
50-99	166,100	12	102,600	9	49,100	4	15,100	5	332,900	3.6
100-199	95,100	7	48,800	4	15,100	1	3,800	1	162,900	4.5
200-499	40,100	3	30,900	3	5,800	W	2,100	1	78,900	13.3
500-999	6,500	W	3,300	W	600	W	100	W	10,500	8.7
1000-4999	2,700	W	800	W	200	W	100	W	3,900	10.7
5000+	800	W	100	W	W	W	W	W	900	7.9
Subtotal over 10	917,400	68	575,400	51	329,800	29	72,200	24	1,894,700	2.1
Total	1,357,000	100	1,126,000	100	1,150,900	100	297,300	100	3,931,200	4.5
SE	4.7		8.9		10.3		26.2		4.5	
(In thousands of acres)										
1-9	1,690	2	1,843	6	2,317	15	477	12	6,328	6
10-19	3,335	4	2,485	8	1,699	11	373	9	7,893	5.5
20-49	10,407	13	5,865	19	3,458	23	624	16	20,354	3.6
50-99	11,022	14	6,739	21	3,113	21	1,031	26	21,904	3.5
100-199	11,604	15	6,099	19	1,984	13	470	12	20,158	3.9
200-499	10,777	13	4,818	15	1,450	10	463	12	17,507	4.1
500-999	3,855	5	1,763	6	343	2	100	3	6,062	7.1
1000-4999	4,127	5	1,231	4	370	2	200	5	5,927	7.1
5000+	22,485	28	596	2	147	1	190	5	23,417	4.8
Subtotal over 10	77,611	98	29,596	94	12,564	84	3,452	88	123,223	0.4
Total	79,301	100	31,439	100	14,881	100	3,929	100	129,551	0.3
SE	1.3		2.8		3.9		7.4		0.3	

W- Fewer than 50 owners or less than 0.5 percent.



New England Tables

Table 32. Estimated number of ownership units and acres of forest land, by size class and form of ownership, New England, 1993

Size class (acres)	Ownership class						Total	SE
	Individual	Percent	Corporation	Percent	Other	Percent		
	(In owners)							
1-9	494,800	67	0	0	0	0	494,800	24.7
10-19	72,600	10	1,500	11	0	0	74,100	21.7
20-49	71,000	10	6,600	49	5,200	50	82,800	14.6
50-99	52,400	7	1,000	7	2,600	24	56,000	10.5
100-199	24,100	3	2,200	16	1,600	15	27,900	10.4
200-499	19,900	3	1,300	10	600	5	21,800	45.7
500-999	2,000	W	500	3	100	1	2,600	21.6
1000-4999	400	W	200	2	500	4	1,100	33.2
5000+	W	W	200	1	W	W	200	14.2
Sub total over 10	242,500	33	13,600	100	10,500	100	266,500	7.9
Total	737,200	100	13,600	100	10,500	100	761,300	16
SE	16.6		34		29.3		16	
	(In thousands of acres)							
1-9	1,032	6	0	0	0	0	1,032	20.2
10-19	959	6	28	W	0	0	987	21.2
20-49	2,031	13	137	1	168	6	2,337	13.4
50-99	3,506	22	81	1	202	7	3,789	10.7
100-199	3,182	20	291	2	203	7	3,676	10.9
200-499	2,721	17	402	4	135	5	3,258	11.8
500-999	1,089	7	337	3	77	3	1,502	18.2
1000-4999	684	4	565	5	214	8	1,463	18.9
5000+	788	5	8,976	83	1,809	64	11,573	6.3
Subtotal over 10	14,959	93	10,816	100	2,809	100	28,585	0.8
Total	15,991	100	10,816	100	2,809	100	29,617	0.4
SE	4.8		8.4		21.5		0.4	

W- Fewer than 50 owners or less than 0.5 percent.

Table 33. Estimated number of ownership units and acres of forest land, by form of ownership and past harvest experience, New England, 1993

Form of ownership	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Individual + joint	383,600	96	353,600	97	737,200	16.6
Partnership	5,200	1	1,900	1	7,100	38
Corporation	6,900	2	6,700	2	13,600	33.8
Club/association	W	W	W	W	W	92.4
Other	3,200	1	200	W	3,400	45.3
Total	398,900	100	362,400	100	761,300	16
SE	22.2		24.1		16	
(In thousands of acres)						
Individual + joint	12,663	53	3,328	81	15,991	4.8
Partnership	1,634	8	161	7	1,795	30.5
Corporation	10,545	32	271	9	10,816	8.4
Club/association	28 W		8 W		36	81
Other	943	7	35 W		979	30.2
Total	25,814	100	3,803	100	29,617	0.4
SE	1.6		10.7		0.4	
W-Fewer than 50 owners or less than 0.5 percent						

W-Fewer than 50 owners or less than 0.5 percent

Table 34. Estimated number of ownership units and acres of forest land, by incorporated and unincorporated businesses and past harvest experience, New England, 1993

Nature of business	Harvest				Total	SE
	Harvested	Percent	Did not harvest	Percent		
	(In owners)					
Incorporated:						
Forest industry	300	W	0	0	300	32.4
Farm	1,100	W	0	0	1,100	46.4
Industrial business	300	W	0	0	300	100
Real estate	1,100	W	800	W	1,900	45.9
Non-industrial	W	W	0	0	W	83.5
Sport/ recreation club	300	W	0	0	300	68.5
Public utility	W	W	0	0	W	40.2
Other	3,800	1	5,900	2	9,700	46.9
Total corporate	6,900	2	6,700	2	13,600	33.8
Unincorporated:						
Forest industry	100	W	W	W	100	44.3
Farm	74,300	19	31,400	9	105,700	32.2
Misc. individual	305,400	76	321,600	89	627,000	19
Industrial business	200	W	1,400	W	1,600	89.1
Real estate	2,200	1	200	W	2,400	46.7
Nonindustrial business	2,300	1	0	0	2,300	60.8
Sport/ recreation club	3,200	1	0	0	3,200	44.6
Other	4,300	1	1,100	W	5,400	35.6
Total noncorporate	392,000	98	355,700	98	747,700	16.3
Total	398,900	100	362,400	100	761,300	16
SE	22.2		24.1		16	
	(In thousands of acres)					
Incorporated:						
Forest industry	8,226	32	0	0	8,226	11.4
Farm	376	1	0	0	376	39.5
Industrial business	59	W	0	0	59	100
Real estate	395	2	105	3	499	31.9
Non-industrial	354	2	0	0	354	45.2
Sport/ recreation club	150	1	0	0	150	61.3
Public utility	349	1	0	0	349	36.9
Other	636	2	167	4	803	22.6
Total corporate	10,545	41	271	7	10,816	8.4
Unincorporated:						
Forest industry	415	2	8	W	423	34.3
Farm	3,474	13	359	9	3,833	10.9
Misc. individual	8,254	32	2,980	78	11,200	5.9
Industrial business	47	W	65	3	112	65.4
Real estate	1,223	5	15	W	1,238	42.3
Nonindustrial business	671	3	0	0	671	40.8
Sport/ recreation club	248	1	0	0	248	44.2
Other	937	3	105	3	1,076	26.8
Total noncorporate	15,269	59	3,532	93	18,801	4.8
Total	25,814	100	3,803	100	29,617	0.4
SE	1.6		10.7		0.4	

W- Fewer than 50 owners or less than 0.5 percent

Table 35. Estimated number of ownership units and acres of forest land, by occupation class and intention to harvest , New England, 1993

Occupation	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
	(In owners)									
Professional	21,300	10	29,400	13	93,100	36	29,100	51	172,900	41.8
Managers	10,000	5	80,300	35	80,500	31	0	0	170,900	48.3
Other White collar	3,600	2	23,500	10	0	0	0	0	27,100	78.7
All white collar	34,900	17	133,200	57	173,600	67	29,100	51	370,900	29.8
Craftsmen	38,200	18	10,100	4	300	W	0	0	48,700	41.5
Blue collar	29,000	14	34,400	15	0	0	0	0	63,400	59.2
All blue collar	67,200	32	44,600	19	300	W	0	0	112,100	37.8
Farmers	22,200	11	400	W	1,000	W	0	0	23,600	32.9
Service workers	3,600	2	1,500	1	2,100	1	0	0	7,200	42.6
Homemaker	2,400	1	5,200	2	600	W	300	1	8,500	52.4
Retired	61,100	29	38,900	17	56,900	22	3,900	7	160,800	22.8
No answer	10,000	5	2,000	1	18,400	7	23,900	41	54,300	33.5
All other owners	8,700	4	6,700	3	8,200	3	500	1	24,100	22.5
Total	210,100	100	232,500	100	261,200	100	57,600	100	761,300	16
SE	15.3		31.4		35.3		55.3		16	
	(in thousands of acres)									
Professional	1,430	6	677	14	197	13	29	7	2,333	14.1
Managers	1,616	7	696	15	233	16	0	0	2,545	13.7
Other white collar	286	1	70	1	0	0	0	0	356	33.1
All white collar	3,332	15	1,444	30	431	29	29	7	5,235	9.1
Craftsmen	418	2	214	4	20	1	0	0	652	26.5
Blue collar	615	3	229	5	0	0	0	0	843	22.7
All blue collar	1,033	5	443	9	20	1	0	0	1,495	17.3
Farmers	1,427	6	163	3	52	3	0	0	1,642	17.1
Service workers	129	W	86	1	21	1	0	0	236	41.5
Homemaker	104	W	156	3	28	2	20	4	307	34.6
Retired	2,906	13	1,599	33	416	28	133	30	5,055	9.1
No answer	1,361	6	353	7	151	10	156	35	2,021	19.5
All other owners	12,641	55	525	11	355	24	104	23	13,626	5.7
Total	22,933	100	4,768	100	1,474	100	442	100	29,617	0.4
SE	2.4		9.8		16.7		31.1		0.4	

W-Fewer than 50 owners or less than 0.5 percent

Table 36. Estimated number of ownership units and acres of forest land, by age class and past harvest experience, New England, 1993

Experience, New England, 1988

Age	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Under 25	0	0	0	0	0	0
25-34	81,600	20	22,600	6	104,200	62.5
35-44	89,600	22	106,700	29	196,300	42.2
45-54	68,700	17	86,200	24	154,800	30.6
55-64	43,700	11	52,900	15	96,600	35.4
65 or over	89,600	22	55,200	15	144,800	24.2
No answer	10,500	3	29,900	8	40,500	42.5
All other owners	15,200	4	8,900	2	24,100	22.5
Total	398,900	100	362,400	100	761,300	16
SE	22.2		24.1		16	
(In thousands of acres)						
Under 25	0	0	0	0	0	0
25-34	197	1	197	1	393	35.1
35-44	1,470	6	594	8	2,064	15.2
45-54	2,811	11	589	16	3,400	11.2
55-64	2,644	10	845	16	3,489	11.2
65 or over	4,674	18	873	20	5,547	9.1
No answer	867	3	230	3	1,097	29.3
All other owners	13,150	51	475	36	13,626	5.7
Total	25,814	100	3,803	100	29,617	0.4
SE	1.6		10.7		0.4	

W-Fewer than 50 owners of less than 0.5 percent

Table 37. Estimated number of ownership units and acres of forest land, by date of acquisition and form of ownership, New England, 1993

Date of acquisition	Ownership class					Total	SE
	Forest industry	Farmer	Miscellaneous:		Other		
			Individual	Corporation			
(In owners)							
1990-1994	0	1,900	173,300	300	W	175,400	48.3
1980-1989	100	6,300	190,200	1,200	3,600	201,400	34.6
1970-1979	100	12,100	96,400	800	2,100	111,600	21.3
1960-1969	W	38,100	71,000	200	800	110,000	39.4
1950-1959	W	16,300	11,600	500	400	28,900	24.3
1940-1949	100	6,600	27,100	4,300	W	38,100	35.4
1901-1939	W	15,800	10,400	1,800	300	28,400	53.7
Prior to 1900	W	200	1,200	W	100	1,500	45.6
No answer	100	9,700	53,200	2,900	200	66,100	49.8
Total	500	106,900	634,300	12,200	7,500	761,300	16
SE	25.8	31.9	18.8	37.5	31.4	16	
(In thousands of acres)							
1990-1994	0	223	628	86	50	988	21.1
1980-1989	760	470	2,839	358	470	4,898	10.6
1970-1979	275	699	2,725	166	343	4,207	10.2
1960-1969	416	820	2,461	199	54	3,951	11.4
1950-1959	49	813	1,090	260	143	2,354	14.6
1940-1949	1,467	807	957	131	8	3,371	19.8
1901-1939	1,593	258	541	404	119	2,914	19.4
Prior to 1900	3,734	28	723	550	1,114	6,149	15
No answer	355	92	220	59	59	785	36.5
Total	8,649	4,210	12,184	2,214	2,360	29,617	0.4
SE	10.8	10.4	5.7	15.1	24.8	0.4	

Table 38. Estimated number of ownership units and acres of forest land, by distance from tracts, New England, 1993

Distance	Tracts			Total
	1 tract	More than one tract		
		Nearest tract	Farthest tract	
		(In owners)		
Less than 1 mile	511,600	84,900	25,700	
2-5 miles	2,800	8,700	17,000	
6-15 miles	16,400	7,100	12,200	
16-25 miles	5,700	700	3,100	
26-50 miles	4,300	6,200	10,000	
51-100 miles	2,900	1,300	13,900	
More than 100 miles	77,900	11,000	38,100	
No answer	10,300	9,500	9,500	
Total	631,800	129,500	129,500	761,300
		(In thousands of acres)		
Less than 1 mile	5,647	11,347	2,040	
2-5 miles	184	1,447	1,736	
6-15 miles	523	2,170	1,702	
16-25 miles	109	769	706	
26-50 miles	133	352	1,773	
51-100 miles	314	466	2,274	
More than 100 miles	1,899	1,574	7,893	
No answer	250	2,433	2,433	
Total	9,059	20,558	20,558	29,617

Table 39. Estimated number of ownership units and acres of forest land, by primary and secondary reason for owning forest land , New England, 1993

Reason	Primary reason		Secondary reason	
	Number	Percent	Number	Percent
(In owners)				
Land investment	17,700	2	87,300	12
Recreation	57,200	7	28,000	4
Timber production	7,100	1	22,100	3
Farm and domestic use	34,500	5	41,300	5
Esthetic enjoyment	165,200	22	195,900	26
Part of farm	55,900	7	8,100	1
Part of residence	312,900	41	46,100	6
Estate	35,000	5	69,500	9
Other	29,900	4	26,100	3
No secondary reason given	-	-	190,900	25
No answer	45,900	6	45,900	6
Total	761,300	100	761,300	100
(In thousands of acres)				
Land investment	2,197	7	3,379	11
Recreation	1,712	6	3,698	12
Timber production	12,538	42	2,223	8
Farm and domestic use	1,995	7	3,310	11
Esthetic enjoyment	3,205	11	2,518	8
Part of farm	1,224	4	603	2
Part of residence	3,020	10	1,451	5
Estate	1,445	5	2,692	9
Other	2,078	7	467	2
No secondary reason given	-	-	9,073	31
No answer	202	1	202	1
Total	29,617	100	29,617	100

Table 40. Estimated number of ownership units and acres of forest land, by primary benefit expected in the next 10 years and past harvest experience, New England, 1993

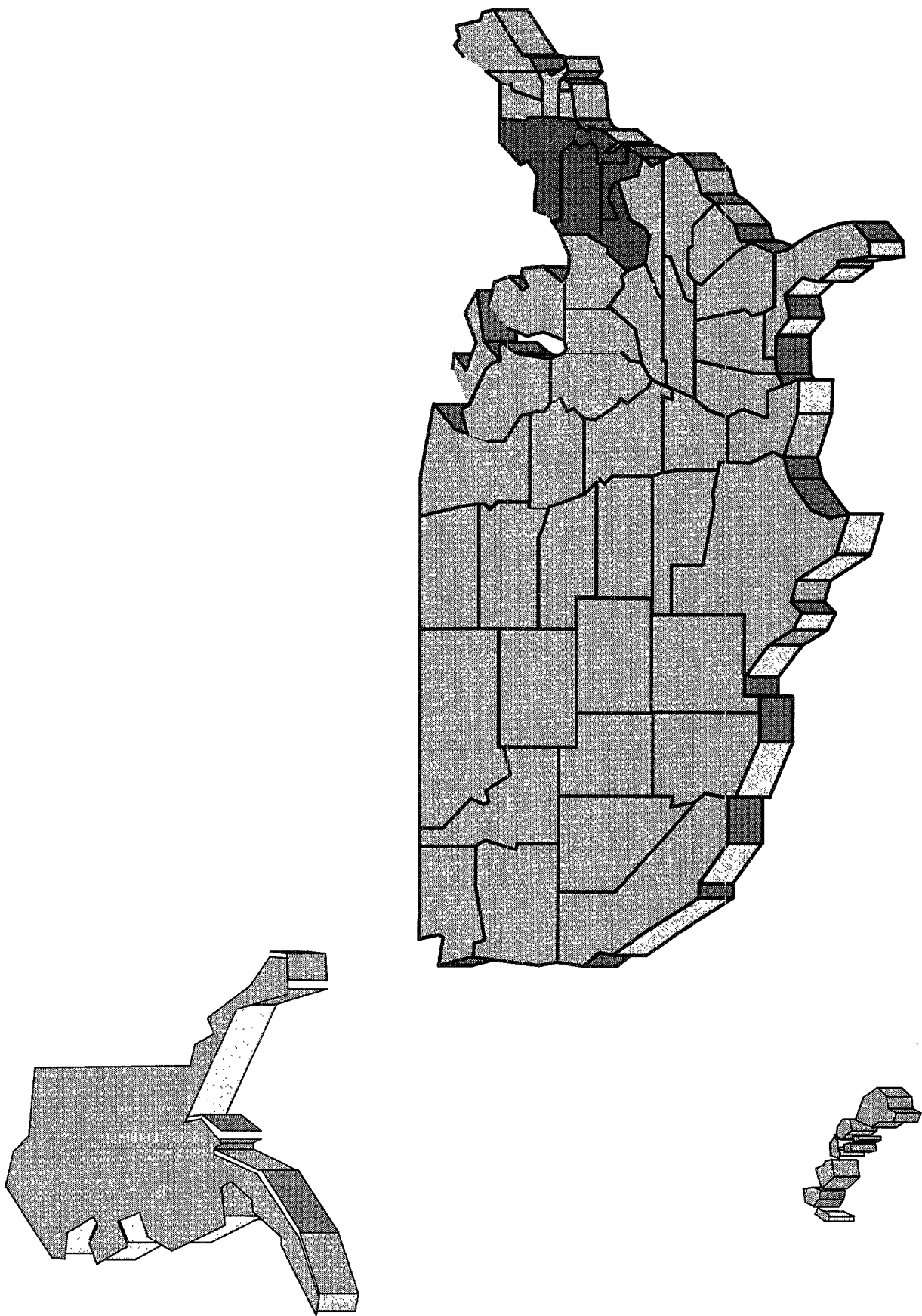
Benefits expected	Harvest Experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Land value increase	91,500	23	19,600	5	111,100	53.5
Recreation	45,800	11	11,600	3	57,400	39.6
Income from timber	13,100	3	1,800	1	14,900	20.1
Farm and domestic use	24,700	6	34,600	9	59,300	47.9
Esthetic enjoyment	169,700	43	179,700	49	349,400	26.4
Firewood	17,700	4	300	W	18,000	37.1
Other	8,900	2	66,000	18	74,900	48.9
No answer	27,500	7	48,800	13	76,300	46.2
Total	398,900	100	362,400	100	761,300	16
SE	22.2		24.1		16	
(In thousands of acres)						
Land value increase	3,356	13	649	17	4,005	10.7
Recreation	1,193	5	417	11	1,609	16.8
Income from timber	13,139	51	151	4	13,291	5
Farm and domestic use	2,021	8	322	8	2,343	14.1
Esthetic enjoyment	4,105	16	1,445	38	5,551	8.1
Firewood	813	3	40	1	853	22.4
Other	914	3	444	12	1,359	18.4
No answer	272	1	334	9	605	28.2
Total	25,814	100	3,803	100	29,617	0.4
SE	1.6		10.7		0.4	

W-Fewer than 50 owners or less than 0.5 percent

Table 41. Estimated number of ownership units and acres of forest land, by size class and intention to harvest, New England, 1993

Size class (acres)	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
(In owners)										
1-9	64,400	31	152,700	66	230,300	88	47,400	82	494,800	24.7
10-19	35,600	17	17,700	8	13,500	5	7,300	13	74,100	21.7
20-49	45,200	21	24,400	11	13,000	5	200	W	82,800	14.6
50-99	36,200	17	14,500	6	3,200	1	2,100	3	56,000	10.5
100-199	16,700	8	10,100	4	700	W	400	1	27,900	10.4
200-499	9,000	4	12,200	5	400	W	200	W	21,800	45.7
500-999	1,900	1	700	W	W	W	0	0	2,600	21.6
1000-4999	900	W	200	W	W	W	W	W	1,100	33.2
5000+	200	W	W	W	W	W	0	0	200	14.2
Subtotal over 10	145,600	69	79,800	34	30,900	12	10,200	18	266,500	7.9
Total	210,100	100	232,500	100	261,200	100	57,600	100	761,300	16
SE	15.3		31.4		35.3		55.3		16	
(In thousands of acres)										
1-9	263	1	328	7	348	24	93	21	1,032	20.2
10-19	447	1	280	6	187	13	73	16	987	21.2
20-49	1,230	3	720	15	379	26	8	2	2,337	13.4
50-99	2,466	3	977	20	201	14	145	33	3,789	10.7
100-199	2,275	5	1,260	26	93	6	47	11	3,676	10.9
200-499	2,445	5	604	13	161	11	48	11	3,258	11.8
500-999	1,094	5	381	8	28	2	0	0	1,502	18.2
1000-4999	1,169	5	210	4	55	4	28	6	1,463	18.9
5000+	11,544	50	8	W	21	1	0	0	11,573	6.3
Subtotal over 10	22,670	99	4,440	93	1,126	76	349	79	28,585	0.8
Total	22,933	100	4,768	100	1,474	100	442	100	29,617	0.4
SE	2.4		9.8		16.7		7		0.4	

W- Fewer than 50 owners or less than 0.5 percent.



Mid-Atlantic Tables

Table 42. Estimated number of ownership units and acres of forest land, by size class and form of ownership, Mid-Atlantic, 1993

Size class (acres)	Ownership class						Total	SE
	Individual	Percent	Corporation	Percent	Other	Percent		
(In owners)								
1-9	814,400	59	7,000	24	25,800	41	847,200	7.9
10-19	205,900	15	5,600	19	9,400	13	220,900	6.3
20-49	205,800	15	6,400	22	14,200	20	226,300	4
50-99	96,200	7	3,900	13	8,700	11	108,800	4.4
100-199	44,600	3	2,300	8	4,300	7	51,200	6.6
200-499	18,800	1	1,700	6	5,700	5	26,200	9
500-999	2,000	W	1,100	4	600	1	3,700	9.5
1000-4999	600	W	600	2	300	1	1,600	7.4
5000+	W	W	300	1	100	W	400	9.3
Sub total over 10	573,900	41	21,800	76	43,300	59	639,100	2.3
Total	1,388,400	100	28,800	100	69,100	100	1,486,300	4.5
SE	4.8		17		16.4		4.5	
(In thousands of acres)								
1-9	2,504	8	44	1	100	2	2,648	6.3
10-19	2,628	9	73	1	130	3	2,830	6.2
20-49	6,110	20	153	2	392	9	6,655	3.9
50-99	6,314	21	268	4	586	13	7,168	3.7
100-199	5,335	18	301	4	559	13	6,195	4.1
200-499	4,723	16	502	7	903	21	6,128	4.2
500-999	1,254	4	541	7	405	9	2,200	7.2
1000-4999	885	3	1,117	15	637	14	2,639	6.5
5000+	236	1	4,261	59	679	15	5,177	7.8
Subtotal over 10	27,485	92	7,217	99	4,290	98	38,992	0.6
Total	29,989	100	7,260	100	4,391	100	41,640	0.4
SE	1.4		5.8		5.4		0.4	

W- Fewer than 50 owners or less than 0.5 percent.

Table 43. Estimated number of ownership units and acres of forest land, by form of ownership and past harvest experience, Mid-Atlantic, 1993

Form of ownership	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Individual + joint	609,100	94	779,200	93	1,388,400	4.8
Partnership	19,700	3	22,900	3	42,700	14.4
Corporation	10,400	2	18,400	2	28,800	17.2
Club/association	4,900	1	7,600	1	12,500	32.7
Other	3,600	1	10,300	1	14,000	62.1
Total	647,800	100	838,500	100	1,486,300	4.5
SE	6.3		6.6		4.5	
(In thousands of acres)						
Individual + joint	18,127	66	11,861	83	29,989	1.4
Partnership	1,897	7	921	6	2,819	7
Corporation	6,142	22	1,118	8	7,260	5.8
Club/association	714	3	224	1	938	11.6
Other	447	2	186	1	633	13.6
Total	27,329	100	14,311	100	41,640	0.4
SE	1.4		2.5		0.4	
W-Fewer than 50 owners or less than 0.5 percent						

Table 44. Estimated number of ownership units and acres of forest land, by incorporated and unincorporated businesses and past harvest experience, Mid-Atlantic, 1993

Nature of business	Harvest				Total	SE
	Harvested	Percent	Did not harvest	Percent		
	(In owners)					
Incorporated:						
Forest industry	400	W	200	W	600	37.1
Farm	400	W	500	W	800	28.2
Industrial business	1,700	W	1,300	W	3,000	36
Real estate	3,000	W	4,500	1	7,500	31.8
Non-industrial	2,800	W	1,700	W	4,500	59.1
Sport/ recreation club	700	W	4,500	1	5,300	45.1
Public utility	100	W	400	W	500	71.3
Other	1,200	W	5,300	1	6,500	34.5
Total corporate	10,400	2	18,400	2	28,800	17.2
Unincorporated:						
Forest industry	6,600	1	100	W	6,700	77.8
Farm	168,000	26	108,200	13	276,200	6.8
Misc. individual	438,800	68	642,500	77	1,081,300	5.9
Industrial business	200	W	500	W	700	56.7
Real estate	5,000	1	16,600	2	21,600	25.3
Nonindustrial business	2,000	W	11,800	1	13,800	58.7
Sport/ recreation club	6,700	1	8,900	1	15,600	26.7
Other	10,100	1	31,500	4	41,600	28.3
Total noncorporate	637,400	98	820,100	98	1,457,500	4.6
Total	647,800	100	838,500	100	1,486,300	4.5
SE	6.3		6.6		4.5	
	(In thousands of acres)					
Incorporated:						
Forest industry	2,559	9	25	W	2,574	15.1
Farm	160	1	124	1	285	20.8
Industrial business	1,189	4	181	1	1,370	11.1
Real estate	533	2	246	2	779	13.9
Non-industrial	110	W	125	1	235	21.5
Sport/ recreation club	314	1	111	1	425	17.3
Public utility	289	1	50	W	339	21.6
Other	988	4	266	2	1,253	20.2
Total corporate	6,142	22	1,118	8	7,260	5.8
Unincorporated:						
Forest industry	422	1	25	W	447	16.1
Farm	7,186	26	2,623	18	9,809	3
Misc. individual	10,420	38	8,842	62	19,262	2.1
Industrial business	291	1	100	1	391	21.8
Real estate	771	3	469	3	1,239	10.8
Nonindustrial business	78	W	80	1	158	28.8
Sport/ recreation club	939	3	338	2	1,277	9.8
Other	1,079	4	716	5	1,796	8.2
Total noncorporate	21,186	78	13,193	92	34,379	1.3
Total	27,329	100	14,311	100	41,640	0.4
SE	1.4		2.5		0.4	

W- Fewer than 50 owners or less than 0.5 percent

Table 45. Estimated number of ownership units and acres of forest land, by occupation class and intention to harvest , Mid-Atlantic, 1993

Occupation	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
	(In owners)									
Professional	48,100	10	51,800	13	54,600	12	2,000	1	156,500	12.4
Managers	38,300	8	43,200	10	45,900	10	1,700	1	129,100	14.6
Other White collar	39,400	8	25,700	6	38,900	9	700	1	104,800	22.2
All white collar	125,800	26	120,800	29	139,500	31	4,400	3	390,500	9
Craftsmen	30,200	6	20,200	5	17,600	4	900	1	68,900	16.7
Blue collar	42,200	9	38,500	9	66,200	14	7,000	5	153,900	15.4
All blue collar	72,400	15	58,600	14	83,800	18	7,900	6	222,800	11.8
Farmers	47,400	10	28,800	7	7,200	1	5,500	4	88,900	11.2
Service workers	9,000	2	6,600	2	10,500	2	800	1	26,900	26.9
Homemaker	7,000	1	10,000	2	6,100	1	1,500	1	24,600	18.2
Retired	171,400	35	130,600	32	125,700	27	29,700	23	457,400	9.3
No answer	33,100	7	31,900	8	43,800	9	68,400	54	177,200	17.1
All other owners	23,900	5	25,400	6	40,200	9	8400	7	97,900	12.6
Total	490,000	100	412,800	100	456,800	100	126,600	100	1,486,300	4.5
SE	7.9		7.2		9.4		20.8		4.5	
	(in thousands of acres)									
Professional	2,081	10	1,269	10	591	10	97	4	4,039	5.2
Managers	1,429	7	1,096	9	583	10	107	5	3,215	6
Other white collar	712	3	574	5	246	4	52	2	1,584	8.4
All white collar	4,222	20	2,939	23	1,420	24	256	11	8,838	3.4
Craftsmen	811	4	359	3	175	3	38	2	1,383	9.2
Blue collar	1,250	6	831	7	363	6	99	4	2,544	6.4
All blue collar	2,061	10	1,190	9	539	9	138	6	3,927	5.2
Farmers	2,181	10	870	7	233	4	143	6	3,427	5.4
Service workers	310	1	195	1	91	1	21	1	617	13.3
Homemaker	295	1	421	3	181	3	59	3	956	10.5
Retired	4,031	19	1,519	28	1,739	29	631	29	9,920	3.1
No answer	699	3	679	5	415	7	511	23	2,304	7.1
All other owners	7,249	34	2,654	21	1,296	22	452	20	11,651	3.6
Total	21,047	100	12,468	100	5,913	100	2,210	100	41,640	0.4
SE	1.9		2.8		4.1		7.1		0.4	

W-Fewer than 50 owners or less than 0.5 percent

Table 46. Estimated number of ownership units and acres of forest land, by age class and past harvest experience, Mid-Atlantic, 1993

Age	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Under 25	2,900	W	9,000	1	11,900	75.4
25-34	32,900	5	33,100	4	65,900	23.9
35-44	82,100	13	136,600	16	218,700	11.2
45-54	95,700	15	145,000	17	240,800	10.4
55-64	151,600	23	178,200	21	329,800	9.7
65 or over	203,500	31	200,700	24	404,200	10
No answer	40,500	6	76,600	9	117,100	21.6
All other owners	38,600	6	59,300	7	97,900	12.6
Total	647,800	100	838,500	100	1,486,300	4.5
SE	6.3		6.6		4.5	
(In thousands of acres)						
Under 25	40	W	49	W	89	39.9
25-34	488	2	358	3	846	11.5
35-44	2,229	8	1,828	13	4,057	5.1
45-54	3,206	12	2,497	17	5,703	4.4
55-64	4,649	17	2,826	20	7,475	3.6
65 or over	6,723	25	3,599	25	10,322	3
No answer	793	3	703	5	1,497	8.7
All other owners	9,201	34	2,449	17	11,651	3.6
Total	27,329	100	14,311	100	41,640	0.4
SE	1.4		2.5		0.4	

W-Fewer than 50 owners of less than 0.5 percent

Table 47. Estimated number of ownership units and acres of forest land, by date of acquisition and form of ownership, Mid-Atlantic, 1993

Date of acquisition	Ownership class					Total	SE
	Forest industry	Farmer	Miscellaneous: Individual	Corporation	Other		
(In owners)							
1990-1994	0	7,000	27,200	W	2,300	36,500	18.9
1980-1989	900	36,600	286,500	8,100	7,700	340,000	8.6
1970-1979	300	74,700	268,700	6,400	15,400	365,700	9.5
1960-1969	300	61,300	202,800	2,000	15,400	281,800	11.3
1950-1959	100	33,800	94,600	4,100	4,500	137,200	13.8
1940-1949	100	31,600	65,500	900	1,600	99,700	22.3
1901-1939	5,300	11,800	37,400	3,600	3,400	61,600	23.3
Prior to 1900	W	2,300	8,500	300	1,600	12,800	58.2
No answer	200	17,900	128,200	1,800	2,900	151,000	18.4
Total	7,300	277,100	1,119,600	27,400	54,900	1,486,300	4.5
SE	71.7	6.8	5.8	18.1	19.5	4.5	
(In thousands of acres)							
1990-1994	0	202	583	21	61	868	12
1980-1989	145	1,417	4,825	638	633	7,658	3.8
1970-1979	111	2,196	5,087	528	533	8,456	3.4
1960-1969	345	2,201	3,967	439	549	7,502	3.8
1950-1959	451	1,600	2,314	376	304	5,046	5.6
1940-1949	233	1,117	1,425	216	191	3,182	6.7
1901-1939	736	701	994	801	558	3,790	7.2
Prior to 1900	910	175	183	813	559	2,640	13.4
No answer	88	485	1,141	570	213	2,497	6.8
Total	3,020	10,094	20,521	4,402	3,603	41,640	0.4
SE	12.9	3	2	6.7	6.1	0.4	

W-Fewer than 50 owners or less than 0.5 percent

Table 48. Estimated number of ownership units and acres of forest land, by distance from tracts, Mid-Atlantic, 1993

Distance	Tracts			Total
	1 tract	More than one tract		
		Nearest tract	Farthest tract	
		(In owners)		
Less than 1 mile	806,900	212,300	111,900	
2-5 miles	31,000	18,200	36,300	
6-15 miles	56,500	18,500	39,300	
16-25 miles	25,000	6,100	10,900	
26-50 miles	26,200	5,500	10,900	
51-100 miles	29,800	16,500	21,800	
More than 100 miles	108,500	21,700	49,800	
No answer	91,900	11,700	29,600	
Total	1,175,800	310,500	310,500	1,486,300
		(In thousands of acres)		
Less than 1 mile	11,958	11,798	4,753	
2-5 miles	1,202	2,671	2,573	
6-15 miles	1,369	1,804	2,603	
16-25 miles	485	621	1,318	
26-50 miles	917	974	1,749	
51-100 miles	1,033	1,030	2,435	
More than 100 miles	2,410	1,410	4,297	
No answer	1,179	779	1,359	
Total	20,553	21,087	21,087	41,640

Table 49. Estimated number of ownership units and acres of forest land, by primary and secondary reason for owning forest land , Mid-Atlantic, 1993

Reason	Primary reason		Secondary reason	
	Number	Percent	Number	Percent
(In owners)				
Land investment	120,900	8	44,000	3
Recreation	191,200	13	104,600	7
Timber production	13,100	1	20,600	1
Farm and domestic use	160,900	11	107,800	7
Esthetic enjoyment	239,900	16	242,500	16
Part of farm	148,700	10	82,600	6
Part of residence	373,300	25	152,300	10
Estate	70,700	5	88,200	6
Other	89,900	6	6,600	1
No secondary reason given	-	-	559,400	38
No answer	77,700	5	77,700	5
Total	1,486,300	100	1,486,300	100
(In thousands of acres)				
Land investment	4,452	11	2,331	7
Recreation	6,756	16	4,317	10
Timber production	4,523	11	2,697	6
Farm and domestic use	4,547	11	3,371	8
Esthetic enjoyment	4,641	11	5,135	12
Part of farm	4,577	11	2,387	6
Part of residence	4,676	11	2,871	7
Estate	2,232	5	2,918	7
Other	4,387	11	955	2
No secondary reason given	-	-	13,808	33
No answer	849	2	849	2
Total	41,640	100	41,640	100

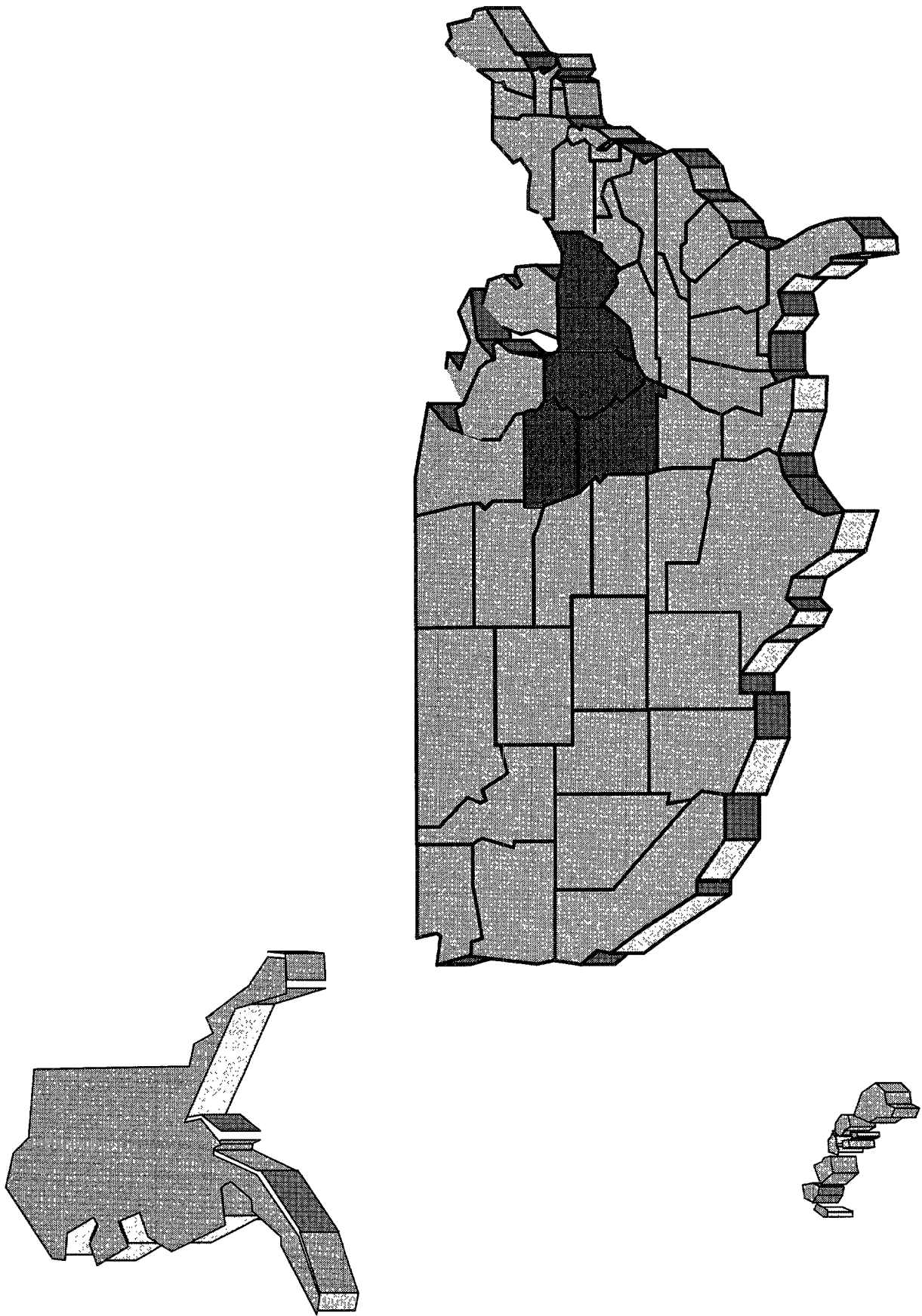
Table 50. Estimated number of ownership units and acres of forest land, by primary benefit expected in the next 10 years and past harvest experience, Mid-Atlantic, 1993

Benefits expected	Harvest Experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Land value increase	89,400	14	142,500	17	231,900	12.2
Recreation	97,800	15	107,200	13	205,100	12.1
Income from timber	37,100	6	9,300	1	46,400	13.5
Farm and domestic use	79,800	12	60,600	7	140,400	15.4
Esthetic enjoyment	201,600	31	348,900	42	550,500	7.4
Firewood	75,400	12	12,900	1	88,300	16.2
Other	25,600	4	59,300	7	84,900	25
No answer	41,000	6	97,800	12	138,900	19.5
Total	647,800	100	838,500	100	1,486,300	4.5
SE	6.3		6.6		4.5	
(In thousands of acres)						
Land value increase	4,353	16	3,058	21	7,411	3.8
Recreation	4,053	15	2,978	21	7,030	3.8
Income from timber	6,516	24	467	3	6,983	6
Farm and domestic use	2,408	9	970	7	3,378	5.6
Esthetic enjoyment	5,715	21	4,831	34	10,545	3
Firewood	1,869	7	170	1	2,039	7.3
Other	1,607	6	952	7	2,559	7.4
No answer	808	3	886	6	1,695	8.3
Total	27,329	100	14,311	100	41,640	0.4
SE	1.4		2.5		0.4	

Table 51. Estimated number of ownership units and acres of forest land, by size class and intention to harvest, Mid-Atlantic , 1993

Size class (acres)	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
(In owners)										
1-9	227,500	46	189,600	46	335,600	73	94,500	75	847,200	7.9
10-19	79,900	16	84,100	20	46,600	10	10,300	8	220,900	6.3
20-49	94,300	19	73,100	18	47,500	10	11,400	9	226,300	4
50-99	47,100	10	37,300	9	18,200	4	6,200	5	108,800	4.4
100-199	26,400	5	16,400	4	5,700	1	2,700	2	51,200	6.6
200-499	11,600	2	10,400	3	2,800	1	1,400	1	26,200	9
500-999	1,800	W	1,500	W	300	W	100	W	3,700	9.5
1000-4999	1,000	W	400	W	100	W	100	W	1,600	7.4
5000+	300	W	100	W	W	W	W	W	400	9.3
Subtotal over 10	262,500	54	223,200	54	121,200	27	32,200	25	639,100	2.3
Total	490,000	100	412,800	100	456,800	100	126,600	100	1,486,300	4.5
SE	7.9		7.2		9.4		20.8		4.5	
(In thousands of acres)										
1-9	703	3	650	5	1,062	18	233	11	2,648	6.3
10-19	1,048	5	1,064	9	585	10	133	6	2,830	6.2
20-49	2,768	13	2,206	18	1,312	22	368	17	6,655	3.9
50-99	3,085	15	2,488	20	1,180	20	415	19	7,168	3.7
100-199	3,019	14	2,062	17	761	13	353	16	6,195	4.1
200-499	3,017	14	2,159	17	649	11	302	14	6,128	4.2
500-999	1,208	6	751	6	159	3	81	4	2,200	7.2
1000-4999	1,693	8	626	5	156	3	164	7	2,639	6.5
5000+	4,505	21	461	4	49	1	162	7	5,177	7.8
Subtotal over 10	20,344	97	11,819	95	4,851	82	1,877	89	38,992	0.6
Total	21,047	100	12,468	100	5,913	100	2,210	100	41,640	0.4
SE	1.9		2.8		4.1		7.1		0.4	

W- Fewer than 50 owners or less than 0.5 percent.



Central States Tables

Table 52. Estimated number of ownership units and acres of forest land, by size class and form of ownership, Central States, 1993

Size class (acres)	Ownership class						Total	SE
	Individual	Percent	Corporation	Percent	Other	Percent		
	(In owners)							
1-9	423,100	47	2,100	13	10,400	28	435,700	18.7
10-19	183,800	20	4,800	28	7,700	21	196,300	9.6
20-49	162,100	18	3,900	23	9,000	25	175,000	6.7
50-99	84,000	9	2,600	15	4,800	13	91,500	6.3
100-199	34,000	4	1,400	8	2,300	6	38,200	7.3
200-499	14,700	2	1,200	7	2,000	5	17,900	9.2
500-999	1,500	W	700	4	100	W	2,300	16.5
1000-4999	400	W	100	1	200	W	700	21
5000+	W	W	100	1	W	W	100	27.1
Sub total over 10	481,100	53	14,900	87	26,100	71	522,000	3.7
Total	904,200	100	17,000	100	35,600	100	957,700	8.5
SE	9		22		26.9		8.5	
	(In thousands of acres)							
1-9	1,563	6	19	1	27	1	1,609	11
10-19	2,304	9	67	3	91	5	2,462	9.4
20-49	4,682	19	122	5	265	15	5,069	6.4
50-99	5,468	23	115	5	310	17	5,893	6.2
100-199	4,514	19	179	8	281	16	4,974	7.3
200-499	3,993	17	321	15	314	18	4,628	7.9
500-999	942	4	412	19	53	3	1,407	15.9
1000-4999	450	2	197	9	214	12	861	19.4
5000+	167	1	758	35	211	12	1,137	21.5
Subtotal over 10	22,521	93	2,171	99	1,739	99	26,431	0.8
Total	24,084	100	2,191	100	1,765	100	28,040	0.5
SE	1.4		11.1		12.1		0.5	

W- Fewer than 50 owners or less than 0.5 percent.

Table 53. Estimated number of ownership units and acres of forest land, by form of ownership and past harvest experience, Central States, 1993

Form of ownership	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Individual + joint	459,300	94	444,900	95	904,200	9
Partnership	17,500	4	11,100	2	28,600	33.4
Corporation	7,600	1	9,400	2	17,000	22
Club/association	200	W	2,400	W	2,600	46.3
Other	2,500	1	2,800	1	5,400	39.4
Total	487,100	100	470,600	100	957,700	8.5
SE	6.6		16.4		8.5	
(In thousands of acres)						
Individual + joint	17,215	86	6,869	87	24,084	1.4
Partnership	865	4	359	4	1,225	15.3
Corporation	1,645	8	546	7	2,191	11.1
Club/association	91	1	126	1	217	37.2
Other	213	1	110	1	324	21.6
Total	20,029	100	8,011	100	28,040	0.5
SE	2.1		5.1		0.5	
W-Fewer than 50 owners or less than 0.5 percent						

Table 54. Estimated number of ownership units and acres of forest land, by incorporated and unincorporated businesses and past harvest experience, Central States, 1993

Nature of business	Harvest				Total	SE
	Harvested	Percent	Did not harvest	Percent		
	(In owners)					
Incorporated:						
Forest industry	200	W	0	0	200	59.3
Farm	4,100	1	5,300	1	9,400	35.1
Industrial business	300	W	900	W	1,200	53.8
Real estate	300	W	300	W	600	43.4
Non-industrial	300	W	1,800	W	2,100	51.8
Sport/ recreation club	1,400	W	W	W	1,400	72
Public utility	W	W	W	W	W	72.7
Other	1,000	W	1,100	W	2,100	35.9
Total corporate	7,600	1	9,400	2	17,000	22
Unincorporated:						
Forest industry	500	W	0	0	500	49.3
Farm	233,100	48	181,100	38	414,200	13.3
Misc. individual	226,400	46	243,300	52	469,700	12.9
Industrial business	400	W	0	0	400	63.2
Real estate	1,600	W	15,700	3	17,200	46.1
Nonindustrial business	5,200	1	2,800	1	8,000	42.6
Sport/ recreation club	1,600	W	15,900	3	17,500	72.5
Other	10,700	2	2,500	1	13,100	64.8
Total noncorporate	479,500	99	461,200	98	940,700	8.6
Total	487,100	100	470,600	100	957,700	8.5
SE	6.6		16.4		8.5	
	(In thousands of acres)					
Incorporated:						
Forest industry	309	1	0	0	309	35.3
Farm	635	3	123	1	757	20.4
Industrial business	417	2	72	1	490	22.9
Real estate	W	W	69	1	122	48.2
Non-industrial	W	W	50	1	78	43.1
Sport/ recreation club	W	W	W	W	W	60
Public utility	W	W	W	W	W	59.9
Other	136	1	204	3	340	27.2
Total corporate	1,645	8	546	7	2,191	11.1
Unincorporated:						
Forest industry	312	1	0	0	312	54.4
Farm	11,486	57	3,205	40	14,692	3.1
Misc. individual	5,606	28	3,668	46	9,274	4.6
Industrial business	200	1	0	0	200	44.8
Real estate	132	1	102	1	234	30.2
Nonindustrial business	203	1	51	1	254	33.8
Sport/ recreation club	240	1	238	3	478	27.3
Other	205	1	200	2	405	21.1
Total noncorporate	18,384	92	7,465	93	25,849	1.1
Total	20,029	100	8,011	100	28,040	0.5
SE	2.1		5.1		0.5	

W- Fewer than 50 owners or less than 0.5 percent

Table 55. Estimated number of ownership units and acres of forest land, by occupation class and intention to harvest , Central States, 1993

Occupation	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
	(In owners)									
Professional	36,000	11	28,700	10	18,100	6	2,300	10	85,100	16.3
Managers	24,600	7	11,700	4	29,500	9	W	W	65,800	21.3
Other White collar	14,500	4	9,800	3	10,900	3	600	3	35,900	19.7
All white collar	75,100	22	50,300	18	58,500	19	2,900	13	186,800	11
Craftsmen	17,200	5	9,000	3	2,300	1	1,000	4	29,500	21
Blue collar	43,900	13	24,800	9	71,600	23	2,100	9	142,500	37.3
All blue collar	61,100	18	33,800	12	73,900	24	3,100	13	172,000	31.1
Farmers	65,400	19	36,600	13	31,500	10	1,700	7	135,200	12.1
Service workers	9,800	3	5,100	2	11,500	4	0	0	26,300	27.8
Homemaker	3,400	1	4,100	1	7,000	2	800	4	15,300	28.4
Retired	85,800	25	124,000	44	88,600	28	5,900	26	304,200	18.9
No answer	24,900	7	16,200	6	15,600	5	7,700	33	64,400	21.6
All other owners	14,300	4	13,800	5	24,700	8	800	3	53,500	19.5
Total	339,700	100	283,700	100	311,300	100	23,000	100	957,700	8.5
SE	8.5		19.1		18.6		23.9		8.5	
	(in thousands of acres)									
Professional	1,469	10	585	7	289	6	50	7	2,394	10.9
Managers	1,277	9	714	9	351	7	9	1	2,351	12.6
Other white collar	501	3	290	3	232	5	50	7	1,074	16.6
All white collar	3,247	22	1,589	20	873	18	109	15	5,819	6.8
Craftsmen	474	3	213	3	58	1	21	3	767	17.7
Blue collar	919	6	463	6	264	5	19	2	1,665	12.5
All blue collar	1,393	10	677	8	322	7	40	5	2,432	10.1
Farmers	3,235	22	1,508	19	557	12	75	10	5,375	6.8
Service workers	369	3	136	2	82	2	0	0	588	23
Homemaker	185	1	138	2	121	3	58	8	503	21.8
Retired	3,225	22	2,531	31	1,812	38	184	25	7,753	5.3
No answer	741	5	398	5	277	6	200	27	1,616	13.3
All other owners	2,072	14	1,129	14	689	15	66	9	3,956	7.9
Total	14,467	100	8,106	100	4,733	100	733	100	28,040	0.5
SE	3.2		5.1		6.9		16.4		0.5	

W-Fewer than 50 owners or less than 0.5 percent

Table 56. Estimated number of ownership units and acres of forest land, by age class and past harvest experience, Central States, 1993

Age	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Under 25	1,100	W	200	W	1,400	65.8
25-34	10,000	2	15,100	3	25,100	33.4
35-44	75,900	15	93,500	20	169,300	31.3
45-54	77,200	16	69,500	15	146,700	12.7
55-64	85,700	17	118,900	25	204,600	26.1
65 or over	197,300	41	124,800	27	322,100	9.5
No answer	12,100	2	22,900	5	35,000	25.9
All other owners	27,800	6	25,700	5	53,500	19.5
Total	487,100	100	470,600	100	957,700	8.5
SE	6.6		16.4		8.5	
(In thousands of acres)						
Under 25	W	W	W	W	31	57.7
25-34	305	1	138	2	443	24
35-44	1,773	9	811	10	2,584	10
45-54	2,995	15	1,297	16	4,292	7.8
55-64	3,841	19	1,496	19	5,337	6.9
65 or over	7,913	39	2,874	36	10,787	4.2
No answer	368	2	242	3	610	19
All other owners	2,814	14	1,142	14	3,956	7.9
Total	20,029	100	8,011	100	28,040	0.5
SE	2.1		5.1		0.5	

W-Fewer than 50 owners of less than 0.5 percent

Table 57. Estimated number of ownership units and acres of forest land, by date of acquisition and form of ownership, Central States, 1993

Date of acquisition	Ownership class					Total	SE
	Forest industry	Miscellaneous:			Other		
		Farmer	Individual	Corporation			
(In owners)							
1990-1994	0	12,200	31,600	1,600	300	45,700	25.9
1980-1989	200	46,300	121,600	600	3,000	171,900	11.3
1970-1979	100	75,400	162,600	900	3,800	242,900	22
1960-1969	W	152,300	103,900	800	10,500	267,600	21.8
1950-1959	W	59,100	34,600	1,200	1,500	96,500	14.2
1940-1949	0	27,000	22,600	800	400	50,800	16.6
1901-1939	400	19,000	6,100	200	300	25,900	19.8
Prior to 1900	0	2,200	600	400	0	3,100	37.1
No answer	0	30,100	21,900	800	600	53,500	24.6
Total	700	423,600	505,600	7,500	20,400	957,700	8.5
SE	40	13	12.3	24.2	44.2	8.5	
(In thousands of acres)							
1990-1994	0	185	463	58	17	724	18.8
1980-1989	28	1,791	2,184	81	121	4,205	7.6
1970-1979	90	3,639	2,846	99	202	6,877	5.8
1960-1969	132	4,179	1,868	148	142	6,469	6.1
1950-1959	184	2,447	1,116	127	249	4,122	8.3
1940-1949	0	1,189	704	36	42	1,972	11.3
1901-1939	187	941	268	229	69	1,693	14
Prior to 1900	0	166	50	156	0	372	25.8
No answer	0	912	473	191	30	1,606	12.7
Total	79,700	15,449	9,975	1,124	871	28,040	0.5
SE	32.4	2.9	4.3	14.5	17.1	0.5	

Table 58. Estimated number of ownership units and acres of forest land, by distance from tracts, Central States, 1993

Distance	Tracts			Total
	1 tract	More than one tract		
		Nearest tract	Farthest tract	
		(In owners)		
Less than 1 mile	507,100	146,000	63,400	
2-5 miles	53,500	19,500	42,100	
6-15 miles	45,000	19,300	32,500	
16-25 miles	10,600	4,200	8,300	
26-50 miles	17,900	5,100	5,100	
51-100 miles	16,600	4,800	16,900	
More than 100 miles	30,800	6,500	20,800	
No answer	58,800	12,100	28,300	
Total	740,300	217,500	217,500	957,700
		(In thousands of acres)		
Less than 1 mile	9,402	8,135	2,853	
2-5 miles	839	1,417	2,434	
6-15 miles	1,165	991	2,389	
16-25 miles	482	381	961	
26-50 miles	684	667	738	
51-100 miles	668	330	1,063	
More than 100 miles	1,256	590	1,585	
No answer	618	414	902	
Total	15,114	12,925	12,925	28,040

Table 59. Estimated number of ownership units and acres of forest land, by primary and secondary reason for owning forest land , Central States, 1993

Reason	Primary reason		Secondary reason	
	Number	Percent	Number	Percent
(In owners)				
Land investment	43,400	5	28,100	3
Recreation	94,600	10	70,200	7
Timber production	10,300	1	15,300	2
Farm and domestic use	124,200	13	63,300	7
Esthetic enjoyment	143,700	15	111,000	11
Part of farm	277,800	29	57,200	6
Part of residence	173,100	18	105,100	11
Estate	47,500	5	127,000	13
Other	31,100	3	7,400	1
No secondary reason given	-	-	361,200	38
No answer	12,000	1	12,000	1
Total	957,700	100	957,700	100
(In thousands of acres)				
Land investment	1,652	6	1,199	4
Recreation	3,791	14	2,751	10
Timber production	1,539	6	1,578	6
Farm and domestic use	4,584	16	2,590	9
Esthetic enjoyment	3,188	11	3,625	13
Part of farm	7,043	25	2,071	7
Part of residence	2,435	9	2,531	9
Estate	1,747	6	2,143	8
Other	1,647	6	208	1
No secondary reason given	-	-	8,929	32
No answer	413	1	413	1
Total	28,040	100	28,040	100

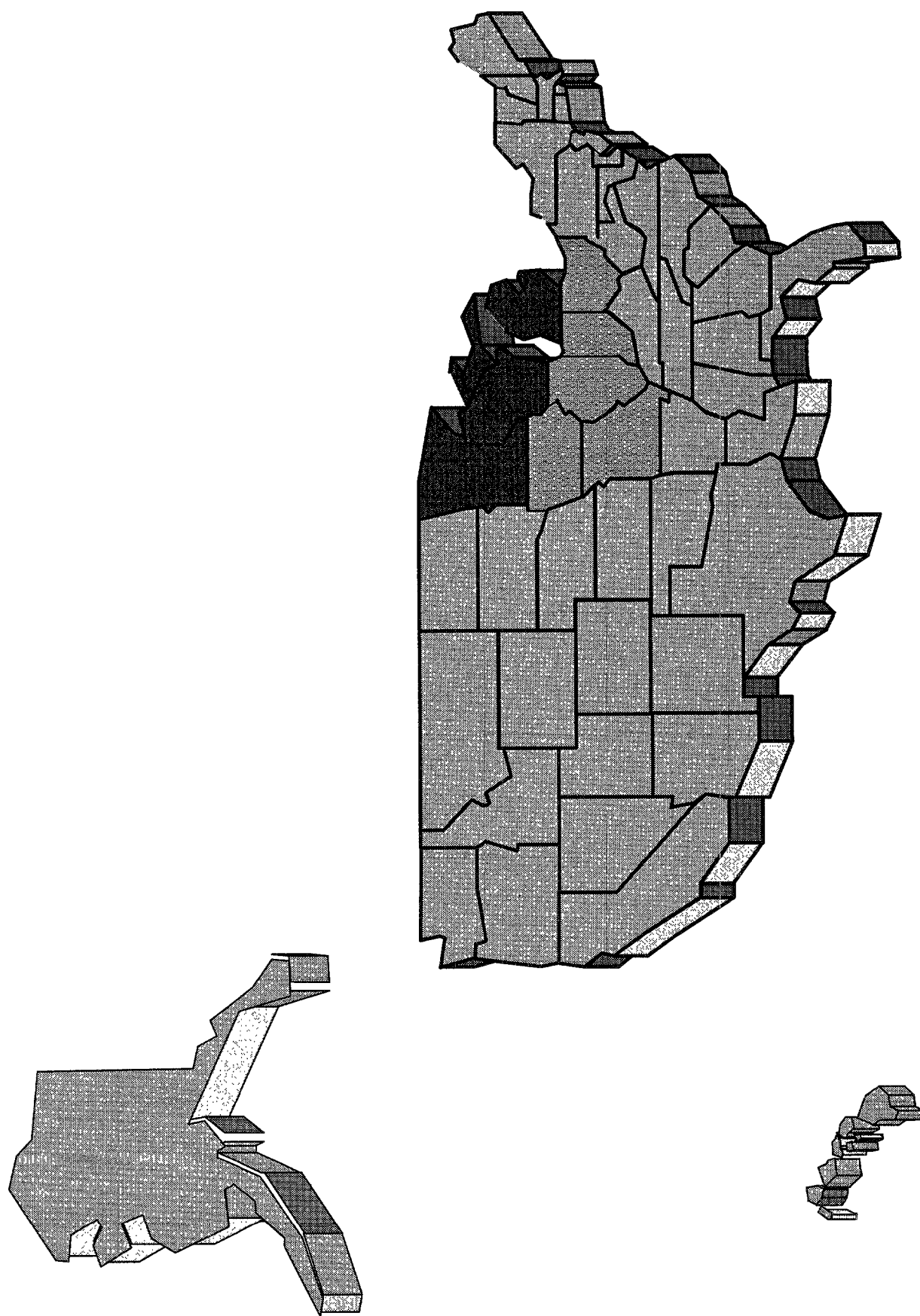
Table 60. Estimated number of ownership units and acres of forest land, by primary benefit expected in the next 10 years and past harvest experience, Central States, 1993

Benefits expected	Harvest Experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Land value increase	69,100	14	39,600	8	108,800	8.7
Recreation	47,700	10	41,100	9	88,800	8.2
Income from timber	29,500	6	4,100	1	33,600	14.6
Farm and domestic use	88,000	18	137,900	29	225,900	9
Esthetic enjoyment	179,200	37	192,700	41	371,900	6.2
Firewood	49,100	10	5,900	1	55,000	13.7
Other	10,900	2	23,200	5	34,100	12.5
No answer	13,600	3	26,100	5	39,700	16.1
Total	487,100	100	470,600	100	957,700	8.5
SE	6.6		16.4		8.5	
(In thousands of acres)						
Land value increase	2,586	13	1,093	14	3,679	8.2
Recreation	2,620	13	1,238	15	3,858	8.4
Income from timber	2,736	14	369	5	3,105	8.6
Farm and domestic use	4,325	21	1,206	15	5,530	7
Esthetic enjoyment	4,714	23	3,197	40	7,911	5.1
Firewood	1,655	8	118	1	1,773	13
Other	911	5	388	5	1,299	17.6
No answer	483	2	403	5	885	16.5
Total	20,029	100	8,011	100	28,040	0.5
SE	2.1		5.1		0.5	

Table 61. Estimated number of ownership units and acres of forest land, by size class and intention to harvest, Central States, 1993

Size class (acres)	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
(In owners)										
1-9	91,400	27	128,600	45	207,700	67	7,900	34	435,700	18.7
10-19	92,700	27	50,900	18	47,100	15	5,600	24	196,300	9.6
20-49	85,100	25	55,100	19	29,700	9	5,100	22	175,000	6.7
50-99	38,700	11	30,600	11	18,500	6	3,600	16	91,500	6.3
100-199	20,500	6	11,500	4	5,800	2	400	2	38,200	7.3
200-499	9,400	3	6,000	2	2,100	1	400	2	17,900	9.2
500-999	1,300	W	800	W	200	W	W	W	2,300	16.5
1000-4999	500	W	200	W	W	W	0	0	700	21
5000+	100	W	W	W	W	W	W	W	100	27.1
Subtotal over 10	248,300	73	155,100	55	103,500	33	15,100	66	522,000	3.7
Total	339,700	100	283,700	100	311,300	100	23,000	100	957,700	8.5
SE	8.5		19.1		18.6		23.9		8.5	
(In thousands of acres)										
1-9	405	3	450	5	698	15	55	7	1,609	11
10-19	1,180	8	631	8	561	12	91	12	2,462	9.4
20-49	2,487	17	1,567	19	871	18	143	19	5,069	6.4
50-99	2,569	18	1,973	24	1,102	23	248	34	5,893	6.2
100-199	2,729	19	1,440	18	758	16	47	6	4,974	7.3
200-499	2,628	18	1,369	17	531	11	101	14	4,628	7.9
500-999	848	6	434	5	106	2	19	3	1,407	15.9
1000-4999	592	4	222	3	47	1	0	0	861	19.4
5000+	1,028	7	W	W	60	1	29	4	1,137	21.5
Subtotal over 10	14,061	97	7,656	95	4,036	85	678	93	26,431	0.8
Total	14,467	100	8,106	100	4,733	100	733	100	28,040	0.5
SE	3.2		5.1		6.9		16.4		0.5	

W- Fewer than 50 owners or less than 0.5 percent.



Lake States Tables

Table 62. Estimated number of ownership units and acres of forest land, by size class and form of ownership, Lake States, 1993

Size class (acres)	Ownership class						Total	SE
	Individual	Percent	Corporation	Percent	Other	Percent		
(In owners)								
1-9	272,700	37	0	0	6,200	16	258,800	29.5
10-19	110,100	16	6,500	46	8,500	22	125,100	15.5
20-49	186,000	28	5,500	39	12,800	33	204,300	8.1
50-99	71,000	11	0	0	5,600	15	76,600	9.2
100-199	41,900	6	400	3	3,200	8	45,500	11.1
200-499	10,300	1	1,000	7	1,600	4	13,000	11.5
500-999	1,200	W	300	2	300	1	1,800	26.8
1000-4999	200	W	200	1	200	W	500	19.8
5000+	W	W	100	1	W	W	200	23.5
Sub total over 10	420,700	63	14,100	100	32,200	84	467,100	4.7
Total	673,400	100	14,100	100	38,400	100	725,900	10.6
SE	11.4		47		26.4		10.6	
(In thousands of acres)								
1-9	1,008	5	0	0	31	1	1,039	19.8
10-19	1,429	7	99	2	85	3	1,613	15
20-49	5,862	27	111	2	320	10	6,293	8.2
50-99	4,681	21	0	0	373	12	5,055	9.3
100-199	4,846	22	39	1	428	14	5,313	9.4
200-499	2,727	13	297	5	468	15	3,493	11.5
500-999	489	2	239	4	224	7	952	20.3
1000-4999	254	1	429	8	281	9	964	21.1
5000+	466	2	4,059	77	906	29	5,531	12.8
Subtotal over 10	20,756	95	5,375	100	3,084	99	29,215	1.3
Total	21,764	100	5,375	100	3,115	100	30,254	1.1
SE	3.6		13		14.9		1.1	

W- Fewer than 50 owners or less than 0.5 percent.

Table 63. Estimated number of ownership units and acres of forest land, by form of ownership and past harvest experience, Lake States, 1993

Form of ownership	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Individual + joint	364,700	93	308,700	93	673,400	11.4
Partnership	13,700	4	11,400	3	25,100	26.8
Corporation	6,700	1	7,400	2	14,100	47
Club/association	1,200	W	4,100	1	5,200	71.1
Other	8,000	1	W	W	8,000	82.8
Total	394,300	100	331,600	100	725,900	10.6
SE	8.2		21.9		10.6	
(In thousands of acres)						
Individual + joint	16,180	68	5,584	87	21,764	3.6
Partnership	1,782	7	524	8	2,307	17.4
Corporation	5,130	21	245	4	5,375	13
Club/association	370	1	45	1	415	26.2
Other	377	1	16	W	393	58.1
Total	23,839	100	6,415	100	30,254	1.1
SE	2.3		7.8		1.1	
W-Fewer than 50 owners or less than 0.5 percent						

W-Fewer than 50 owners or less than 0.5 percent

Table 64. Estimated number of ownership units and acres of forest land, by incorporated and unincorporated businesses and past harvest experience, Lake States, 1993

Nature of business	Harvest				Total	SE
	Harvested	Percent	Did not harvest	Percent		
	(In owners)					
Incorporated:						
Forest industry	100	W	0	0	100	32.8
Farm	700	W	0	0	700	56.2
Industrial business	1,100	W	W	W	1,100	90.3
Real estate	200	W	6,600	2	6,800	77
Non-industrial	W	W	W	W	W	94.8
Sport/ recreation club	200	W	W	W	200	36.5
Public utility	W	W	100	W	100	57.4
Other	4,500	1	600	W	5,100	78.6
Total corporate	6,700	2	7,400	2	14,100	47
Unincorporated:						
Forest industry	200	W	0	0	200	57.2
Farm	151,600	38	133,300	40	285,000	24.9
Misc. individual	210,000	53	169,300	51	379,200	9
Industrial business	700	W	6,800	2	7,500	87.7
Real estate	7,100	2	3,900	1	10,900	43
Nonindustrial business	700	W	0	0	700	66
Sport/ recreation club	11,400	3	6,000	2	17,400	36.5
Other	5,900	1	5,000	1	10,900	38.7
Total noncorporate	387,500	98	324,200	98	711,800	10.8
Total	394,300	100	331,600	100	725,900	10.6
SE	8.2		21.9		10.6	
	(In thousands of acres)					
Incorporated:						
Forest industry	3,259	14	0	0	3,259	20.1
Farm	357	1	0	0	357	40.8
Industrial business	247	1	11	W	258	39.2
Real estate	262	1	107	2	370	60.6
Non-industrial	9	W	19	W	28	76.8
Sport/ recreation club	163	1	11	W	174	28.1
Public utility	530	2	31	W	561	33.5
Other	303	1	64	1	367	35.4
Total corporate	5,130	21	245	4	5,375	13
Unincorporated:						
Forest industry	911	4	0	0	911	49.7
Farm	7,575	32	1,635	25	9,209	6.7
Misc. individual	7,883	33	3,973	62	11,856	5.7
Industrial business	42	W	85	1	127	57.2
Real estate	658	3	79	1	737	38.2
Nonindustrial business	25	W	0	0	25	59.5
Sport/ recreation club	816	3	170	3	986	19.3
Other	797	3	230	3	1,027	23.5
Total noncorporate	18,709	79	6,171	96	24,880	3
Total	23,839	100	6,415	100	30,254	1.1
SE	2.3		7.8		1.1	

W- Fewer than 50 owners or less than 0.5 percent

Table 65. Estimated number of ownership units and acres of forest land, by occupation class and intention to harvest , Lake States, 1993

Occupation	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
	(In owners)									
Professional	28,100	9	22,500	11	3,300	3	200	W	54,200	38
Managers	21,100	7	26,400	13	6,900	6	66,300	74	120,600	55.5
Other White collar	22,300	7	16,700	8	1,200	1	100	W	40,300	23.5
All white collar	71,500	23	65,600	33	11,400	9	66,600	74	215,100	32.7
Craftsmen	15,900	5	9,800	5	21,200	17	0	0	46,900	24.7
Blue collar	22,800	7	17,400	9	6,100	5	0	0	46,400	18.9
All blue collar	38,700	12	27,300	14	27,300	22	0	0	93,200	15.3
Farmers	43,400	14	32,500	16	6,200	5	700	1	82,700	16.8
Service workers	14,500	5	1,200	1	0	0	0	0	15,700	30.5
Homemaker	700	W	6,600	3	8,000	7	0	0	15,300	47
Retired	109,600	35	5,600	28	39,600	33	12,000	13	217,300	14.2
No answer	13,800	4	3,800	2	12,200	10	4,200	5	34,000	27.4
All other owners	24,900	8	4,000	2	17,100	14	6500	7	52,500	22.9
Total	317,200	100	197,000	100	121,700	100	90,000	100	725,900	10.6
SE	8.5		15.8		17.7		73.1		10.6	
	(in thousands of acres)									
Professional	1,229	6	241	4	158	6	9	1	1,640	15.3
Managers	1,718	8	507	8	172	6	130	24	2,527	14
Other white collar	799	4	264	4	39	1	11	2	1,113	20.2
All white collar	3,747	18	1,014	17	369	13	150	28	5,280	9
Craftsmen	710	3	451	7	414	15	0	0	1,577	17.3
Blue collar	799	4	625	10	152	5	0	0	1,575	17.3
All blue collar	1,508	7	1,077	18	566	21	0	0	3,152	12
Farmers	2,945	14	1,060	17	77	3	31	6	4,113	11.4
Service workers	609	3	31	1	0	0	0	0	640	30.4
Homemaker	9	W	152	2	150	5	0	0	361	29.8
Retired	4,014	19	1,743	29	933	34	124	23	6,814	7.7
No answer	835	4	208	3	188	7	173	32	1,404	30.6
All other owners	7,137	34	811	13	477	17	65	12	8,490	8.8
Total	20,854	100	6,096	100	2,761	100	543	100	30,254	1.1
SE	3		8.2		12.2		29.6		1.1	

W-Fewer than 50 owners or less than 0.5 percent

Table 66. Estimated number of ownership units and acres of forest land, by age class and past harvest experience, Lake States, 1993

Age	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Under 25	400	W	200	W	700	72.7
25-34	13,100	3	16,600	5	29,700	29.5
35-44	57,500	15	35,000	11	92,500	19.4
45-54	67,200	17	47,700	14	114,900	13.9
55-64	67,800	17	66,700	20	134,500	17.1
65 or over	153,900	39	69,800	21	223,700	14.2
No answer	4,800	1	72,600	22	77,400	84.5
All other owners	29,600	7	22,900	7	52,500	22.9
Total	394,300	100	331,600	100	725,900	10.6
SE	8.2		21.9		10.6	
(In thousands of acres)						
Under 25	12	W	11	W	23	70.9
25-34	396	2	402	6	798	25.6
35-44	1,942	8	857	13	2,799	13
45-54	3,031	13	1,281	20	4,312	10.2
55-64	4,049	17	1,451	23	5,500	8.9
65 or over	6,123	26	1,325	21	7,448	7.5
No answer	627	3	258	4	885	47.8
All other owners	7,659	32	831	13	8,490	8.8
Total	23,839	100	6,415	100	30,254	1.1
SE	2.3		7.8		1.1	

W-Fewer than 50 owners of less than 0.5 percent

Table 67. Estimated number of ownership units and acres of forest land, by date of acquisition and form of ownership, Lake States, 1993

Date of acquisition	Ownership class						SE
	Forest industry	Farmer	Miscellaneous:			Total	
			Individual	Corporation	Other		
(In owners)							
1990-1994	W	9,500	21,500	W	2,700	33,700	27.8
1980-1989	W	16,300	114,400	6,800	5,000	142,600	18.1
1970-1979	W	62,900	146,300	W	6,400	215,700	14.1
1960-1969	100	111,700	52,500	5,100	5,800	175,300	37.8
1950-1959	100	34,000	25,000	100	400	59,600	17.2
1940-1949	W	31,800	14,800	300	100	47,000	34.8
1901-1939	W	12,000	7,500	900	300	20,800	34
Prior to 1900	W	2,300	500	W	4,000	6,800	62.8
No answer	W	5,100	15,500	100	3,800	24,500	35.7
Total	400	285,600	397,900	13,300	28,700	725,900	10.6
SE	38.9	24.9	8.8	49.8	26.8	10.6	
(In thousands of acres)							
1990-1994	177	235	597	23	412	1,445	23.2
1980-1989	105	913	2,285	234	379	3,917	10.1
1970-1979	497	1,957	4,406	28	513	7,400	8.1
1960-1969	219	2,260	2,430	167	474	5,549	8.9
1950-1959	23	1,956	1,660	131	107	3,877	11.2
1940-1949	200	1,291	532	96	37	2,157	14.9
1901-1939	1,049	493	246	689	138	2,616	18.8
Prior to 1900	854	192	19	288	176	1,531	28.4
No answer	1,046	269	311	102	34	1,762	29.1
Total	4,171	9,567	12,488	1,758	2,271	30,254	1.1
SE	16.9	6.5	5.5	19.1	16.6	1.1	

W-Fewer than 50 owners or less than 0.5 percent.

Table 68. Estimated number of ownership units and acres of forest land, by distance from tracts, Lake States, 1993

Distance	Tracts			Total
	1 tract	More than one tract		
		Nearest tract	Farthest tract	
		(In owners)		
Less than 1 mile	370,100	125,700	53,000	
2-5 miles	22,600	11,800	32,500	
6-15 miles	26,900	6,500	19,800	
16-25 miles	7,100	4,000	5,600	
26-50 miles	9,000	6,000	15,400	
51-100 miles	24,400	1,800	7,000	
More than 100 miles	77,800	13,600	36,100	
No answer	17,900	700	700	
Total	555,800	170,100	170,100	725,900
		(In thousands of acres)		
Less than 1 mile	7,598	9,864	3,385	
2-5 miles	517	1,940	2,254	
6-15 miles	986	1,729	1,528	
16-25 miles	433	385	593	
26-50 miles	453	309	1,270	
51-100 miles	1,031	214	2,054	
More than 100 miles	2,274	1,224	4,581	
No answer	346	951	951	
Total	13,638	16,616	16,616	30,254

Table 69. Estimated number of ownership units and acres of forest land, by primary and secondary reason for owning forest land , Lake States, 1993

Reason	Primary reason		Secondary reason	
	Number	Percent	Number	Percent
(In owners)				
Land investment	33,400	5	20,100	3
Recreation	172,800	24	77,400	11
Timber production	7,600	1	12,000	2
Farm and domestic use	64,300	9	96,200	13
Esthetic enjoyment	86,000	12	166,200	23
Part of farm	117,100	16	16,000	2
Part of residence	183,900	25	50,800	7
Estate	22,900	3	49,100	7
Other	18,000	2	6,600	1
No secondary reason given	-	-	211,400	29
No answer	19,900	3	19,900	3
Total	725,900	100	725,900	100
(In thousands of acres)				
Land investment	1,537	5	1,502	5
Recreation	7,671	25	3,654	12
Timber production	5,545	18	2,195	7
Farm and domestic use	3,082	10	2,692	9
Esthetic enjoyment	2,416	8	4,255	14
Part of farm	3,330	11	1,315	4
Part of residence	3,589	12	1,758	6
Estate	982	3	1,916	6
Other	1,758	6	387	1
No secondary reason given	-	-	10,235	34
No answer	344	1	344	1
Total	30,254	100	30,254	100

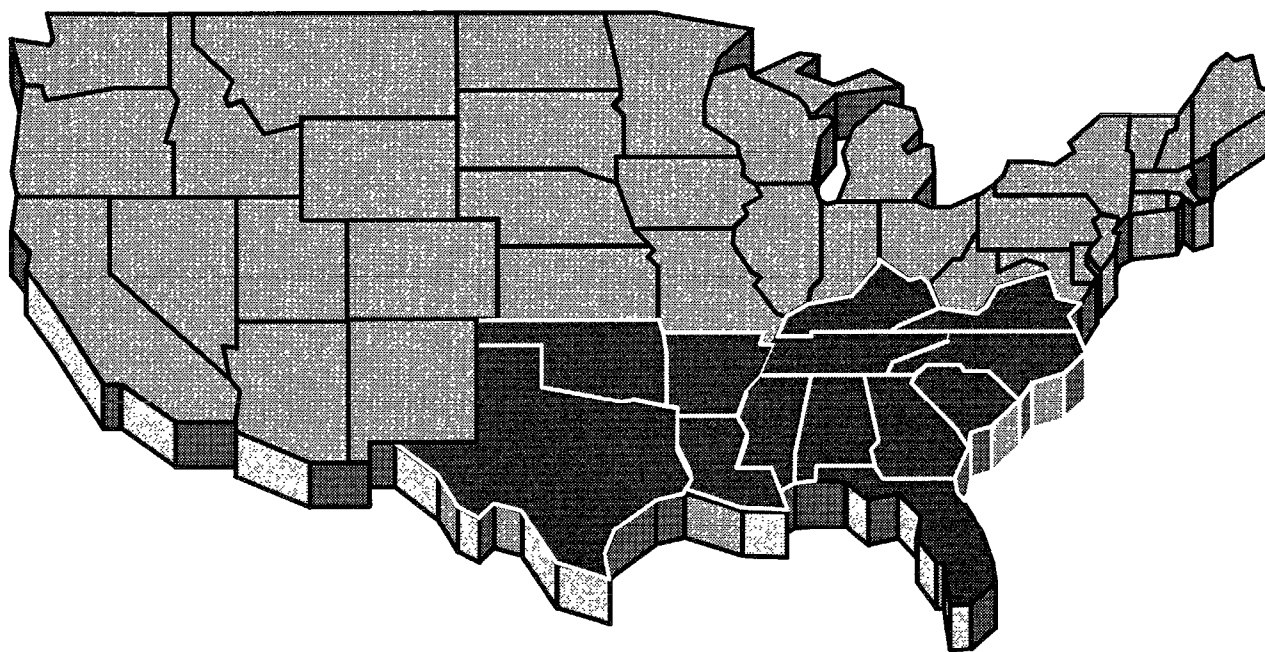
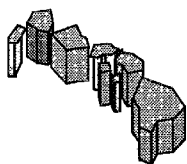
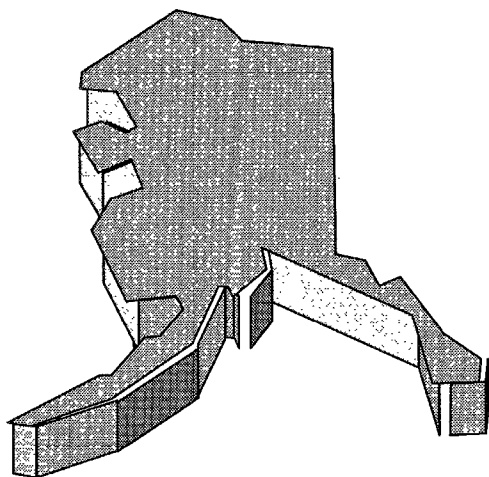
Table 70. Estimated number of ownership units and acres of forest land, by primary benefit expected in the next 10 years and past harvest experience, Lake States, 1993

Benefits expected	Harvest Experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Land value increase	37,200	9	45,000	13	82,200	20.8
Recreation	96,100	24	49,400	15	145,500	16
Income from timber	24,900	6	5,100	1	30,100	21.4
Farm and domestic use	50,300	13	47,900	14	98,200	26
Esthetic enjoyment	126,400	32	147,800	45	274,200	25
Firewood	33,800	9	6,800	2	40,600	18.3
Other	18,200	5	11,200	3	29,400	51.2
No answer	7,300	2	18,300	5	25,700	34.8
Total	394,300	100	331,600	100	725,900	10.6
SE	8.2		21.9		10.6	
(In thousands of acres)						
Land value increase	1,941	8	842	13	2,784	12.3
Recreation	5,611	23	1,845	29	7,456	7.4
Income from timber	6,835	29	196	3	7,031	10.1
Farm and domestic use	2,123	9	434	7	2,557	14.5
Esthetic enjoyment	4,147	17	2,493	39	6,641	7.9
Firewood	1,547	6	184	3	1,731	17.5
Other	1,209	5	175	3	1,383	23.3
No answer	425	2	245	4	671	24.1
Total	23,839	100	6,415	100	30,254	1.1
SE	2.3		7.8		1.1	

Table 71. Estimated number of ownership units and acres of forest land, by size class and intention to harvest, Lake States, 1993

Size class (acres)	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
(In owners)										
1-9	56,200	18	79,800	41	47,400	39	75,300	84	258,800	29.5
10-19	47,600	15	41,500	21	28,800	24	7,300	8	125,100	15.5
20-49	125,700	40	42,000	21	32,700	27	3,900	4	204,300	8.1
50-99	44,100	14	20,100	10	9,200	7	3,200	3	76,600	9.2
100-199	31,500	10	10,800	5	3,000	2	200	W	45,500	11.1
200-499	10,100	3	2,400	1	400	W	100	W	13,000	11.5
500-999	1,400	W	300	W	100	W	0	0	1,800	26.8
1000-4999	400	W	100	W	100	W	W	W	500	19.8
5000+	200	W	W	W	W	W	0	0	200	23.5
Subtotal over 10	260,900	82	117,200	59	74,200	61	14,700	16	467,100	4.7
Total	317,200	100	197,000	100	121,700	100	90,000	100	725,900	10.6
SE	8.5		15.8		17.7		73.1		10.6	
(In thousands of acres)										
1-9	319	1	415	7	209	7	96	18	1,039	19.8
10-19	661	3	510	8	366	13	77	14	1,613	15
20-49	3,921	19	1,371	22	896	32	105	19	6,293	8.2
50-99	2,901	14	1,300	21	629	23	224	41	5,055	9.3
100-199	3,582	17	1,337	22	371	13	23	4	5,313	9.4
200-499	2,686	13	686	11	109	4	11	2	3,493	11.5
500-999	705	3	196	3	51	2	0	0	952	20.3
1000-4999	672	3	173	3	111	4	8	1	964	21.1
5000+	5,408	26	107	2	17	1	0	0	5,531	12.8
Subtotal over 10	20,535	99	5,681	93	2,551	93	447	82	29,215	1.3
Total	20,854	100	6,096	100	2,761	100	543	100	30,254	1.1
SE	3		8.2		12.2		29.6		1.1	

W- Fewer than 50 owners or less than 0.5 percent.



Southern Region Tables

Table 72. Estimated number of ownership units and acres of forest land, by size class and form of ownership, Southern Region, 1993

Size class (acres)	Ownership class						Total	SE
	Individual	Percent	Corporation	Percent	Other	Percent		
(In owners)								
1-9	3,028,300	65	27,700	48	102,100	51	3,158,100	8.7
10-19	453,800	10	2,900	5	22,100	11	478,800	8.8
20-49	652,200	14	5,200	9	28,500	14	685,900	4.9
50-99	291,500	6	6,000	10	18,500	9	316,100	4.8
100-199	149,700	3	5,900	10	14,800	7	170,400	4.9
200-499	76,100	2	5,900	10	8,700	4	90,700	6.9
500-999	18,100	W	1,800	3	4,500	2	24,400	7.2
1000-4999	7,800	W	1,500	3	2,300	1	11,600	6
5000+	2,500	W	1,200	2	500	W	4,200	48.5
Sub total over 10	1,651,700	35	30,400	52	100,000	49	1,782,100	2.8
Total	4,680,000	100	58,100	100	202,100	100	4,940,200	5.5
SE	5.7		30		25.6		5.5	
(In thousands of acres)								
1-9	7,960	7	137	W	256	1	8,353	7.4
10-19	5,842	5	44	W	251	1	6,137	9
20-49	19,150	17	123	W	870	4	20,143	5.1
50-99	18,993	17	372	1	1,299	6	20,664	5
100-199	18,151	16	792	1	1,875	9	20,818	4.9
200-499	19,589	17	1,674	3	2,415	12	23,679	4.7
500-999	10,621	9	1,211	2	2,468	12	14,300	5.9
1000-4999	11,032	9	3,082	6	3,675	18	17,789	5.5
5000+	3,608	3	44,517	86	7,642	37	55,768	5.1
Subtotal over 10	106,987	93	51,815	100	20,495	99	179,298	0.4
Total	114,947	100	51,952	100	20,752	100	187,651	0.1
SE	2.3		5.5		7.4		0.1	

W- Fewer than 50 owners or less than 0.5 percent.

Table 73. Estimated number of ownership units and acres of forest land, by form of ownership and past harvest experience, Southern Region, 1993

Form of ownership	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Individual + joint	2,064,100	93	2,616,000	97	4,680,000	5.7
Partnership	105,800	5	41,400	1	147,200	32.1
Corporation	12,700	1	45,500	2	58,100	29.8
Club/association	14,700	1	800	W	15,500	67.3
Other	32,200	1	7,100	W	39,400	46.8
Total	2,229,500	100	2,710,800	100	4,940,200	5.5
SE	7.2		8.4		5.5	
(In thousands of acres)						
Individual + joint	80,190	55	34,757	84	114,947	2.3
Partnership	13,007	9	2,481	6	15,489	9.5
Corporation	48,750	33	3,202	8	51,952	5.5
Club/association	478	W	257	1	735	23.3
Other	3,805	3	723	2	4,528	10.1
Total	146,231	100	41,421	100	187,651	0.1
SE	1		3.5		0.1	
W-Fewer than 50 owners or less than 0.5 percent						

Table 74. Estimated number of ownership units and acres of forest land, by incorporated and unincorporated businesses and past harvest experience, Southern Region, 1993

Nature of business	Harvest				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Incorporated:						
Forest industry	900	W	0	0	900	20.3
Farm	2,600	W	1,400	W	4,000	26.3
Industrial business	1,300	W	500	W	1,900	26
Real estate	2,300	W	11,400	W	13,700	51.6
Non-industrial	3,500	W	11,700	W	15,200	68.4
Sport/ recreation club	300	W	200	W	500	47.3
Public utility	W	W	0	W	W	39.8
Other	1,800	W	20,300	1	22,000	53.8
Total corporate	12,700	1	45,500	2	58,100	29.8
Unincorporated:						
Forest industry	2,500	W	W	W	2,500	45.9
Farm	702,500	31	372,700	14	1,075,200	8.7
Misc. individual	1,356,900	61	2,160,100	80	3,517,000	7.1
Industrial business	2,700	W	4,800	W	7,500	60.1
Real estate	59,900	3	80,700	3	140,600	44.5
Nonindustrial business	2,200	W	17,400	1	19,600	58.2
Sport/ recreation club	25,400	1	7,300	W	32,700	46.4
Other	64,700	3	22,300	1	87,000	28.2
Total noncorporate	2,216,800	99	2,665,300	98	4,882,100	5.6
Total	2,229,500	100	2,710,800	100	4,940,200	5.5
SE	4.4		8.4		5.5	
(In thousands of acres)						
Incorporated:						
Forest industry	34,342	23	0	0	34,342	8.9
Farm	2,395	2	631	1	3,026	14.3
Industrial business	3,356	2	315	1	3,670	12.2
Real estate	4,407	3	522	1	4,929	12.2
Non-industrial	762	1	234	1	996	21
Sport/ recreation club	434	W	115	W	550	27.1
Public utility	836	1	0	0	836	31.3
Other	2,218	1	1,385	3	3,603	18.1
Total corporate	48,750	33	3,202	8	51,952	5.5
Unincorporated:						
Forest industry	4,887	3	35	W	4,923	27
Farm	35,658	24	12,589	30	48,247	3.1
Misc. individual	45,153	31	22,500	54	67,653	2.9
Industrial business	775	1	253	1	1,028	21.5
Real estate	3,397	2	642	1	4,039	10.6
Nonindustrial business	634	W	251	1	885	21.7
Sport/ recreation club	1,704	1	601	1	2,305	13.2
Other	5,272	4	1,347	3	6,619	8.2
Total noncorporate	97,481	67	38,218	92	135,699	2.1
Total	146,231	100	41,421	100	187,651	0.1
SE	1		3.5		0.1	

W- Fewer than 50 owners or less than 0.5 percent

Table 75. Estimated number of ownership units and acres of forest land, by occupation class and intention to harvest , Southern Region, 1993

Occupation	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
	(In owners)									
Professional	150,800	10	121,300	9	126,000	7	64,400	29	462,400	20.5
Managers	186,400	13	135,800	10	196,400	10	500	W	519,100	19
Other White collar	124,300	9	162,600	12	142,900	8	0	0	429,900	23
All white collar	461,400	32	419,700	30	465,300	25	64,900	30	1,411,400	11.9
Craftsmen	138,400	9	96,600	7	96,200	5	0	0	331,200	23.4
Blue collar	133,400	9	78,000	6	208,000	11	24,700	11	444,200	19.3
All blue collar	271,800	19	174,600	13	304,200	16	24,700	11	775,400	14.8
Farmers	116,600	8	164,900	12	38,100	2	1,000	W	320,600	16.8
Service workers	37,100	3	24,100	2	198,600	11	0	0	259,700	31.6
Homemaker	7,600	1	25,200	2	26,500	1	700	W	59,900	23.7
Retired	397,400	27	396,800	28	504,400	27	32,800	15	1,331,400	9.7
No answer	62,300	4	111,500	8	278,700	15	69,100	31	521,600	17.6
All other owners	91,800	6	75,900	5	66,600	3	25,900	12	260,200	20.9
Total	1,446,000	100	1,392,800	100	1,882,400	100	219,100	100	4,940,200	5.5
SE	9.7		9		10.4		33.4		5.5	
	(in thousands of acres)									
Professional	7,278	6	4,789	9	1,434	7	348	10	13,849	6.2
Managers	9,162	8	4,597	9	1,559	7	121	3	15,439	5.6
Other white collar	2,668	2	2,311	5	1,096	5	0	0	6,075	8.3
All white collar	19,108	17	11,696	23	4,089	19	469	13	35,362	3.9
Craftsmen	1,431	1	1,427	3	698	3	0	0	3,557	10.8
Blue collar	2,476	2	1,971	4	1,219	5	199	6	5,866	8.5
All blue collar	3,907	3	3,399	7	1,918	9	199	6	9,423	6.7
Farmers	8,643	8	6,103	12	1,201	5	157	4	16,103	5.8
Service workers	1,083	1	781	1	524	2	0	0	2,388	14.9
Homemaker	1,116	1	1,442	3	799	4	115	3	3,471	13.5
Retired	15,739	14	15,166	30	7,691	35	798	23	39,394	3.7
No answer	3,192	3	3,096	6	1,646	7	870	25	8,804	7.2
All other owners	59,432	53	8,264	17	4,104	19	904	26	72,704	3.6
Total	112,222	100	49,946	100	21,971	100	3,512	100	187,651	0.1
SE	1.8		3.3		5		13.6		0.1	

W-Fewer than 50 owners or less than 0.5 percent

Table 76. Estimated number of ownership units and acres of forest land, by age class and past harvest experience, Southern Region, 1993

Age	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Under 25	40,900	2	11,000	W	51,900	73
25-34	75,300	3	164,200	6	239,500	25.4
35-44	302,300	13	471,900	17	774,200	16.4
45-54	495,300	22	749,800	28	1,245,100	12.7
55-64	413,800	19	606,900	22	1,020,700	12
65 or over	675,800	30	479,800	18	1,155,600	9
No answer	60,800	3	132,300	5	193,100	33.3
All other owners	165,400	7	94,800	3	260,200	20.9
Total	2,229,500	100	2,710,800	100	4,940,200	5.5
SE	7.2		8.4		5.5	
(In thousands of acres)						
Under 25	237	W	107	W	344	34.1
25-34	1,551	1	1,754	4	3,305	12.2
35-44	6,773	5	4,589	11	11,362	6.6
45-54	14,590	10	8,352	20	22,943	4.8
55-64	18,523	13	8,213	20	26,736	4.3
65 or over	36,639	25	10,631	26	47,270	3.4
No answer	1,877	1	1,111	3	2,987	12.1
All other owners	66,040	45	6,664	16	72,704	3.6
Total	146,231	100	41,421	100	187,651	0.1
SE	1		3.5		0.1	

W-Fewer than 50 owners or less than 0.5 percent

Table 77. Estimated number of ownership units and acres of forest land, by date of acquisition and form of ownership, Southern Region, 1993

Date of acquisition	Ownership class					Total	SE
	Forest industry	Farmer	Miscellaneous:		Other		
			Individual	Corporation			
(In owners)							
1990-1994	700	87,400	443,600	3,600	16,800	552,100	17.6
1980-1989	1,300	228,200	1,125,400	34,900	22,900	1,412,700	11
1970-1979	200	236,600	729,900	4,200	66,800	1,037,700	11.9
1960-1969	300	133,600	445,900	4,500	6,400	590,700	14.8
1950-1959	300	141,300	201,400	1,300	3,900	348,200	19.5
1940-1949	100	71,700	156,600	200	7,000	235,600	20
1901-1939	200	52,700	78,800	400	16,600	148,700	28.7
Prior to 1900	W	3,100	35,200	300	1,000	39,600	76.3
No answer	200	124,700	430,700	4,000	15,400	575,000	20.3
Total	3,300	1,079,200	3,647,500	53,300	156,900	4,940,200	5.5
SE	34.5	8.7	7	32.4	31.8	5.5	
(In thousands of acres)							
1990-1994	213	3,051	5,517	721	885	10,387	7.2
1980-1989	1,046	8,647	15,244	3,719	2,219	30,876	4.2
1970-1979	1,211	9,995	15,505	1,618	2,190	30,520	4.3
1960-1969	5,106	9,541	12,251	1,600	1,237	29,737	5.2
1950-1959	4,172	7,937	7,532	833	1,375	21,849	6.4
1940-1949	3,036	5,069	5,915	713	686	15,419	7.2
1901-1939	12,637	3,042	2,891	2,975	1,600	23,145	10.1
Prior to 1900	8,411	943	672	1,206	500	11,732	17
No answer	3,432	3,046	5,376	1,199	933	13,985	9.6
Total	39,265	51,273	70,904	14,584	11,625	187,651	0.1
SE	7.8	3	2.9	7.2	6.3	0.1	

W- Fewer than 50 owners or less than 0.5 percent

Table 78. Estimated number of ownership units and acres of forest land, by distance from tracts, Southern Region, 1993

Distance	Tracts			Total
	1 tract	More than one tract		
		Nearest tract	Farthest tract	
		(In owners)		
Less than 1 mile	2,570,800	843,000	262,700	
2-5 miles	151,800	67,900	131,200	
6-15 miles	150,700	84,800	157,600	
16-25 miles	98,000	21,800	78,000	
26-50 miles	51,800	40,700	98,400	
51-100 miles	45,700	31,000	107,700	
More than 100 miles	270,300	53,600	318,900	
No answer	424,800	33,500	21,700	
Total	3,763,900	1,176,300	1,176,300	4,940,200
		(In thousands of acres)		
Less than 1 mile	30,832	58,239	11,684	
2-5 miles	3,625	17,973	10,814	
6-15 miles	4,457	17,575	14,248	
16-25 miles	3,257	5,377	9,506	
26-50 miles	3,900	5,904	12,438	
51-100 miles	2,893	4,398	17,926	
More than 100 miles	7,166	6,159	39,209	
No answer	4,521	11,374	11,174	
Total	60,652	126,999	126,999	187,651

Table 79. Estimated number of ownership units and acres of forest land, by primary and secondary reason for owning forest land , Southern Region, 1993

Reason	Primary reason		Secondary reason	
	Number	Percent	Number	Percent
	(In owners)			
Land investment	613,700	13	298,400	6
Recreation	254,300	5	307,200	6
Timber production	219,300	4	164,400	3
Farm and domestic use	374,900	8	368,700	7
Esthetic enjoyment	558,500	11	638,600	13
Part of farm	456,100	9	285,400	6
Part of residence	1,401,000	28	594,900	12
Estate	722,600	15	699,200	14
Other	146,900	3	27,500	1
No secondary reason given	-	-	1,363,000	28
No answer	192,900	4	192,900	4
Total	4,940,200	100	4,940,200	100
	(In thousands of acres)			
Land investment	25,417	14	22,391	12
Recreation	12,406	7	20,401	11
Timber production	66,025	35	20,976	11
Farm and domestic use	11,769	6	8,991	5
Esthetic enjoyment	11,604	6	11,940	6
Part of farm	15,888	9	6,986	4
Part of residence	14,869	8	8,184	4
Estate	17,515	9	20,112	11
Other	9,610	5	2,583	1
No secondary reason given	-	-	62,541	33
No answer	2,547	1	2,547	1
Total	187,651	100	187,651	100

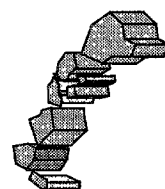
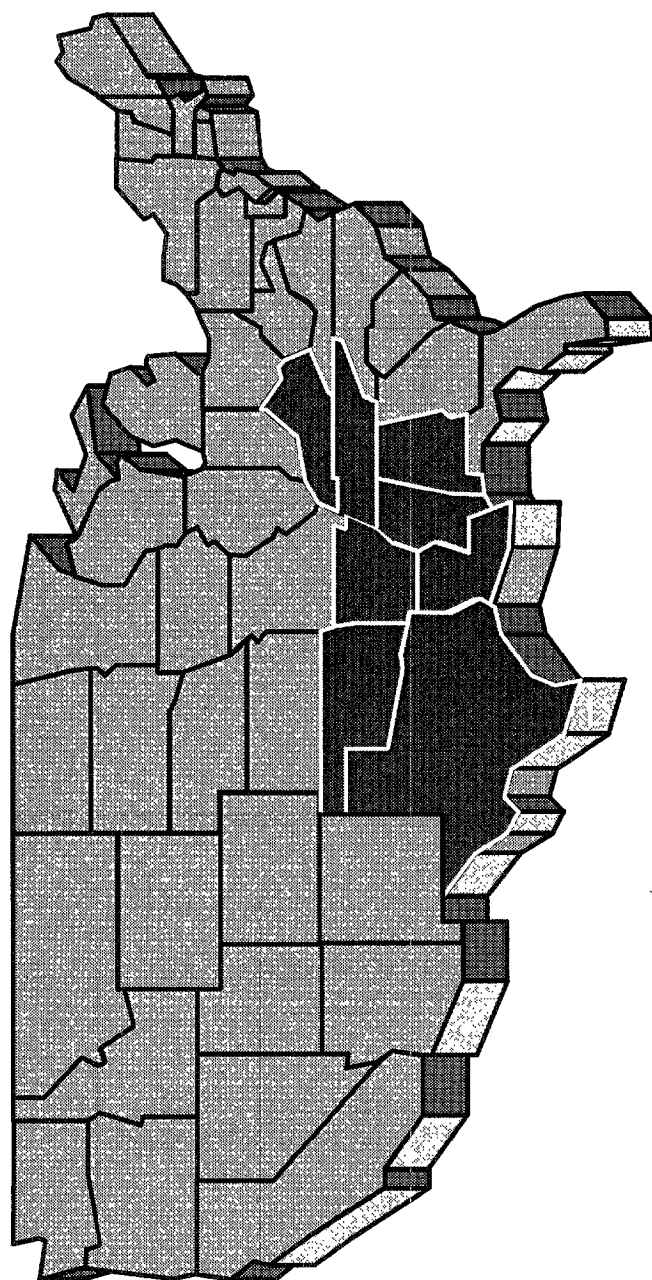
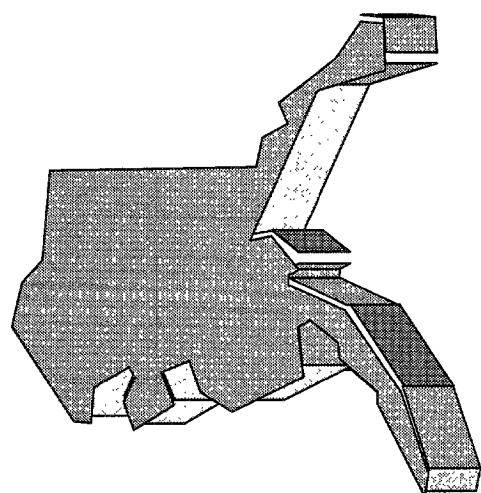
Table 80. Estimated number of ownership units and acres of forest land, by primary benefit expected in the next 10 years and past harvest experience, Southern Region, 1993

Benefits expected	Harvest Experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Land value increase	571,400	26	769,200	28	1,340,600	11.9
Recreation	196,900	9	144,400	5	341,300	15
Income from timber	196,000	9	135,100	5	331,200	20.7
Farm and domestic use	450,100	20	409,800	15	860,000	12.1
Esthetic enjoyment	577,500	26	867,400	32	1,444,900	10.9
Firewood	128,000	6	64,700	2	192,700	25.5
Other	52,900	2	83,500	3	136,400	20.6
No answer	56,500	3	236,500	9	293,100	30.5
Total	2,229,300	100	2,710,800	100	4,940,200	5.5
SE	7.2		8.4		5.5	
(In thousands of acres)						
Land value increase	28,970	20	11,103	27	40,073	4.2
Recreation	9,690	7	5,600	13	15,290	5.9
Income from timber	72,113	49	3,860	9	75,973	3.2
Farm and domestic use	11,890	8	5,802	14	17,693	5.5
Esthetic enjoyment	14,134	10	9,812	24	23,947	4.6
Firewood	2,343	2	691	2	3,033	11.8
Other	4,761	3	2,399	6	7,159	9.2
No answer	2,329	1	2,153	5	4,483	11.8
Total	146,231	100	41,421	100	187,651	0.1
SE	1		3.5		0.1	

Table 81. Estimated number of ownership units and acres of forest land, by size class and intention to harvest, Southern Region, 1993

Size class (acres)	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
(In owners)										
1-9	787,300	54	705,500	51	1,481,200	79	184,100	84	3,158,100	8.7
10-19	163,200	11	160,900	11	149,700	8	5,100	2	478,800	8.8
20-49	244,500	17	266,200	19	159,200	8	16,000	7	685,900	4.9
50-99	112,800	8	140,000	10	56,700	3	6,500	3	316,100	4.8
100-199	65,800	5	76,300	5	23,400	1	5,000	2	170,400	4.9
200-499	47,600	3	32,700	2	8,900	W	1,500	1	90,700	6.9
500-999	13,400	1	7,900	1	2,600	W	500	W	24,400	7.2
1000-4999	7,500	1	3,100	W	700	W	300	W	11,600	6
5000+	3,900	W	200	W	100	W	W	W	4,200	48.5
Subtotal over 10	658,800	46	687,200	49	401,200	21	34,900	16	1,782,100	2.8
Total	1,446,000	100	1,392,800	100	1,882,400	100	219,100	100	4,940,200	5.5
SE	9.7		9		10.4		33.4		5.5	
(In thousands of acres)										
1-9	2,108	2	2,124	4	3,499	16	622	18	8,353	7.4
10-19	2,122	2	2,007	4	1,924	9	84	2	6,137	9
20-49	7,219	6	8,027	16	4,417	20	479	14	20,143	5.1
50-99	7,548	7	9,113	18	3,565	16	438	12	20,664	5
100-199	8,261	7	9,116	18	2,850	13	591	17	20,818	4.9
200-499	11,988	11	8,803	18	2,431	11	457	13	23,679	4.7
500-999	8,567	8	4,023	8	1,399	6	310	9	14,300	5.9
1000-4999	11,530	10	4,633	9	1,285	6	341	10	17,789	5.5
5000+	52,879	47	2,100	4	600	3	189	5	55,768	5.1
Subtotal over 10	110,114	98	47,822	96	18,471	84	2,890	82	179,298	0.4
Total	112,222	100	49,946	100	21,971	100	3,512	100	187,651	0.1
SE	1.8		3.3		5		13.6		0.1	

W- Fewer than 50 owners or less than 0.5 percent.



Southern Tables

Table 82. Estimated number of ownership units and acres of forest land, by size class and form of ownership, Southern, 1993

Size class (acres)	Ownership class						Total	SE
	Individual	Percent	Corporation	Percent	Other	Percent		
(In owners)								
1-9	1,384,800	58	6,600	35	40,100	41	1,431,500	12.5
10-19	256,900	11	0	0	12,700	13	269,500	12.5
20-49	407,600	17	0	0	18,300	19	425,900	6.6
50-99	181,800	8	3,500	18	9,500	10	194,800	6.6
100-199	91,400	4	3,700	19	8,400	9	103,500	6.6
200-499	43,800	2	2,900	15	5,600	6	52,300	5.7
500-999	10,700	W	700	3	2,100	2	13,400	9.7
1000-4999	4,500	W	900	5	1,400	1	6,800	8.6
5000+	300	W	700	4	300	W	1,300	13.2
Sub total over 10	997,100	42	12,400	65	58,100	59	1,067,600	3.7
Total	2,381,900	100	19,000	100	98,200	100	2,499,200	7.2
SE	7.4		40		27.4		7.2	
(In thousands of acres)								
1-9	4,039	6	53	W	131	1	4,223	11
10-19	3,305	5	0	0	127	1	3,431	12.8
20-49	11,981	17	0	0	578	5	12,559	6.9
50-99	11,739	17	186	1	680	5	12,606	6.8
100-199	10,964	16	485	2	1,117	9	12,565	6.6
200-499	12,252	18	901	3	1,479	12	14,632	6.4
500-999	6,028	9	484	2	1,378	11	7,890	8.5
1000-4999	6,436	9	1,817	6	2,106	17	10,359	7.8
5000+	2,233	3	26,017	87	4,815	39	33,066	6.9
Subtotal over 10	64,939	94	29,890	100	12,280	99	107,109	0.4
Total	68,978	100	29,943	100	12,411	100	111,332	0.1
SE	3.1		7.7		10.8		0.1	

W- Fewer than 50 owners or less than 0.5 percent.

Table 83. Estimated number of ownership units and acres of forest land, by form of ownership and past harvest experience, Southern, 1993

Form of ownership	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Individual + joint	1,122,300	94	1,259,600	97	2,381,900	7.4
Partnership	47,100	4	26,100	2	73,200	30.7
Corporation	5,100	W	13,900	1	19,000	39.7
Club/association	3,600	W	600	W	4,100	56.9
Other	17,900	1	3,000	W	20,900	70.2
Total	1,196,000	100	1,303,200	100	2,499,200	7.2
SE	8.5		11.7		7.2	
(In thousands of acres)						
Individual + joint	48,040	55	20,938	84	68,978	3.1
Partnership	7,910	9	1,589	6	9,499	13.8
Corporation	28,120	33	1,823	7	29,943	7.7
Club/association	218	W	146	1	365	34
Other	2,143	2	404	2	2,547	14.1
Total	86,431	100	24,901	100	111,332	0.1
SE	1.3		4.6		0.1	
W-Fewer than 50 owners or less than 0.5 percent						

Table 84. Estimated number of ownership units and acres of forest land, by incorporated and unincorporated businesses and past harvest experience, Southern, 1993

Nature of business	Harvest				Total	SE
	Harvested	Percent	Did not harvest	Percent		
	(In owners)					
Incorporated:						
Forest industry	500	W	0	0	500	31.5
Farm	1,900	W	1,000	W	2,900	33.9
Industrial business	800	W	300	W	1,100	31.7
Real estate	1,000	W	6,600	1	7,600	86
Non-industrial	400	W	600	W	1,000	55.6
Sport/ recreation club	100	W	100	W	200	56.5
Public utility	W	W	0	0	W	50.7
Other	500	W	5,300	W	5,800	63.5
Total corporate	5,100	W	13,900	1	19,000	39.7
Unincorporated:						
Forest industry	1,500	W	100	W	1,600	65.4
Farm	484,300	40	241,000	18	725,400	10.9
Misc. individual	628,300	53	1,020,200	78	1,648,400	9.9
Industrial business	1,400	W	400	W	1,800	40.5
Real estate	14,600	1	8,100	1	22,800	42.2
Nonindustrial business	900	W	5,100	W	6,000	52.1
Sport/ recreation club	22,300	2	3,800	W	26,100	57
Other	37,500	3	10,600	1	48,100	39.2
Total noncorporate	1,190,800	100	1,289,300	99	2,480,100	7.2
Total	1,196,000	100	1,303,200	100	2,499,200	7.2
SE	8.5		11.7		7.2	
(In thousands of acres)						
Incorporated:						
Forest industry	2,009	23	0	0	2,009	12.1
Farm	1,371	1	446	2	1,817	20.4
Industrial business	2,073	2	230	1	2,304	16.2
Real estate	2,335	3	89	W	2,424	16.8
Non-industrial	292	W	116	W	408	34.6
Sport/ recreation club	277	W	75	W	352	34
Public utility	288	W	0	0	288	52.7
Other	1,474	2	867	3	2,341	26.1
Total corporate	28,120	33	1,823	7	29,943	7.7
Unincorporated:						
Forest industry	3,398	4	36	W	3,434	35.1
Farm	21,879	25	8,625	35	30,505	4.1
Misc. individual	26,698	31	12,804	51	39,502	4.1
Industrial business	617	1	173	1	791	25.1
Real estate	1,816	2	131	1	1,947	16.3
Nonindustrial business	164	W	141	1	305	38.5
Sport/ recreation club	926	1	443	2	1,369	17.6
Other	2,813	3	725	3	3,538	11.5
Total noncorporate	58,311	67	23,078	93	81,389	2.9
Total	86,312	100	24,901	100	111,332	0.1
SE	1.3		4.6		0.1	

W- Fewer than 50 owners or less than 0.5 percent

Table 85. Estimated number of ownership units and acres of forest land, by occupation class and intention to harvest , Southern, 1993

Occupation	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
	(In owners)									
Professional	70,900	9	56,300	8	51,000	6	64,400	46	242,500	28
Managers	114,200	15	72,200	10	74,700	9	W	W	261,700	24.5
Other White collar	48,800	6	60,000	8	38,700	4	0	0	147,600	34.2
All white collar	234,400	31	188,600	26	164,400	19	64,400	46	651,800	16.2
Craftsmen	40,800	5	35,500	5	63,800	7	0	0	140,000	33.1
Blue collar	86,300	11	39,400	5	97,200	11	10,100	7	233,000	26.1
All blue collar	127,100	17	74,800	10	161,000	18	10,100	7	373,000	20.4
Farmers	90,800	12	82,700	11	33,600	4	400	W	207,600	17.6
Service workers	10,200	1	9,600	1	60,200	7	0	0	80,000	52.8
Homemaker	4,900	1	10,500	1	5,800	1	600	W	21,900	27.8
Retired	205,500	27	224,500	31	299,300	34	28,200	20	757,500	12.7
No answer	50,300	7	78,500	11	127,300	15	34,000	24	290,100	23
All other owners	30,900	4	62,600	9	21,300	2	2,500	2	117,300	23.8
Total	754,000	100	731,900	100	873,000	100	140,300	100	2,499,200	7.2
SE	11.1		11.4		14.4		48.3		7.2	
	(in thousands of acres)									
Professional	4,528	7	2,787	10	856	6	348	15	8,519	8.4
Managers	5,644	8	2,621	9	925	7	41	2	9,232	7.7
Other white collar	1,407	2	1,052	4	625	5	0	0	3,084	12
All white collar	11,580	17	6,460	23	2,406	18	389	16	20,835	5.4
Craftsmen	935	1	720	3	390	3	0	0	2,045	14.4
Blue collar	1,439	2	1,201	4	700	5	83	3	3,423	11.3
All blue collar	2,373	3	1,921	7	1,090	8	83	3	5,467	9
Farmers	5,583	8	3,629	13	889	7	79	3	10,181	7.9
Service workers	519	1	352	1	215	2	0	0	1,087	25.1
Homemaker	566	1	735	3	564	4	78	3	1,943	20.6
Retired	9,612	14	8,633	30	5,142	38	527	22	23,913	5
No answer	2,203	3	1,839	6	927	7	582	25	5,551	9.5
All other owners	34,412	51	5,117	18	2,188	16	637	27	42,354	5.1
Total	66,848	100	28,687	100	13,422	100	2,375	100	111,332	0.1
SE	2.4		4.6		6.8		18		0.1	

W-Fewer than 50 owners or less than 0.5 percent

Table 86. Estimated number of ownership units and acres of forest land, by age class and past harvest experience, Southern, 1993

Age	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Under 25	1,800	W	900	W	2,700	53.1
25-34	23,200	2	95,600	7	118,800	38.3
35-44	146,600	12	252,600	19	399,300	23.2
45-54	226,500	19	323,900	25	550,300	15.8
55-64	262,700	22	247,700	19	510,400	16.1
65 or over	407,100	34	283,900	22	691,000	11.9
No answer	54,400	5	54,900	4	109,400	41.8
All other owners	73,700	6	43,600	3	117,300	23.8
Total	1,196,000	100	1,303,200	100	2,499,200	7.2
SE	8.5		11.7		7.2	
(In thousands of acres)						
Under 25	128	W	35	W	163	51.6
25-34	947	1	1,030	4	1,977	16.8
35-44	4,239	5	2,627	11	6,866	8.9
45-54	8,730	10	5,469	22	14,199	6.4
55-64	11,262	13	4,093	16	15,355	6
65 or over	21,502	25	7,009	28	28,511	4.7
No answer	1,231	1	675	3	1,906	15.4
All other owners	38,391	44	3,963	16	42,354	5.1
Total	86,431	100	24,901	100	111,332	0.1
SE	1.3		4.6		0.1	

W-Fewer than 50 owners of less than 0.5 percent

Table 87. Estimated number of ownership units and acres of forest land, by date of acquisition and form of ownership, Southern, 1993

Date of acquisition	Ownership class					Total	SE
	Forest industry	Miscellaneous:			Other		
		Farmer	Individual	Corporation			
(In owners)							
1990-1994	100	72,800	238,900	1,000	12,500	325,300	23.4
1980-1989	1,100	125,000	472,600	9,000	19,200	626,900	14.9
1970-1979	100	176,800	371,000	500	6,700	555,200	14.9
1960-1969	300	94,400	173,900	200	4,600	273,300	19.1
1950-1959	100	107,900	69,300	1,000	1,700	180,000	23.1
1940-1949	100	43,400	56,800	100	3,500	103,800	23.9
1901-1939	100	34,100	60,200	300	16,400	111,100	37.1
Prior to 1900	W	1,900	1,500	200	900	4,500	32.7
No answer	W	72,000	241,300	3,600	2,300	319,100	25.5
Total	2,000	728,200	1,685,400	15,700	67,800	2,499,200	7.2
SE	51.3	10.9	9.7	47.7	35	7.2	
(In thousands of acres)							
1990-1994	85	2,254	3,362	367	489	6,557	9.7
1980-1989	334	5,224	8,302	1,959	1,144	16,963	5.9
1970-1979	927	6,234	9,400	639	977	18,178	6.1
1960-1969	3,978	6,622	6,394	676	541	18,211	7.1
1950-1959	2,413	4,513	4,648	573	648	12,795	8.6
1940-1949	2,122	2,857	3,405	463	459	9,307	10
1901-1939	5,814	1,809	1,765	1,611	995	11,995	14.5
Prior to 1900	6,087	678	336	889	427	8,416	21.2
No answer	1,682	2,132	3,570	938	588	8,909	10.7
Total	23,443	32,321	41,183	8,116	6,269	111,332	0.1
SE	10.5	4	4	10.4	8.9	0.1	

Table 88. Estimated number of ownership units and acres of forest land, by distance from tracts, Southern, 1993

Distance	Tracts			Total
	1 tract	More than one tract		
		Nearest tract	Farthest tract	
		(In owners)		
Less than 1 mile	1,243,200	339,300	160,800	
2-5 miles	64,100	39,500	87,500	
6-15 miles	59,500	45,400	81,600	
16-25 miles	63,900	9,800	58,100	
26-50 miles	33,200	17,900	27,100	
51-100 miles	23,000	19,000	35,100	
More than 100 miles	130,800	31,700	65,600	
No answer	353,000	25,900	12,600	
Total	1,970,800	528,400	528,400	2,499,200
		(In thousands of acres)		
Less than 1 mile	17,858	34,662	7,515	
2-5 miles	1,977	10,911	6,249	
6-15 miles	2,425	10,261	7,591	
16-25 miles	1,841	3,265	5,823	
26-50 miles	2,665	3,055	6,987	
51-100 miles	1,451	2,917	10,507	
More than 100 miles	4,066	3,955	24,720	
No answer	3,323	6,701	6,334	
Total	35,606	75,726	75,726	111,332

Table 89. Estimated number of ownership units and acres of forest land, by primary and secondary reason for owning forest land , Southern, 1993

Reason	Primary reason		Secondary reason	
	Number	Percent	Number	Percent
	(In owners)			
Land investment	229,100	9	152,500	6
Recreation	165,600	7	146,800	6
Timber production	93,400	4	65,300	3
Farm and domestic use	264,200	11	223,400	9
Esthetic enjoyment	202,000	8	305,700	12
Part of farm	305,800	12	155,900	6
Part of residence	656,600	26	324,400	13
Estate	357,100	14	280,600	11
Other	73,400	3	20,000	1
No secondary reason given	-	-	672,700	27
No answer	151,900	6	151,900	6
Total	2,499,200	100	2,499,200	100
	(In thousands of acres)			
Land investment	13,310	12	12,438	11
Recreation	8,371	8	12,884	12
Timber production	38,079	34	12,104	11
Farm and domestic use	8,368	8	5,501	5
Esthetic enjoyment	6,284	6	6,840	6
Part of farm	9,901	9	4,556	4
Part of residence	9,307	8	4,278	4
Estate	9,577	9	10,973	10
Other	6,274	6	1,077	1
No secondary reason given	-	-	38,820	35
No answer	1,861	0	1,861	2
Total	111,332	100	111,332	100

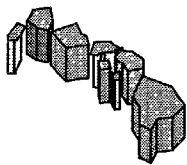
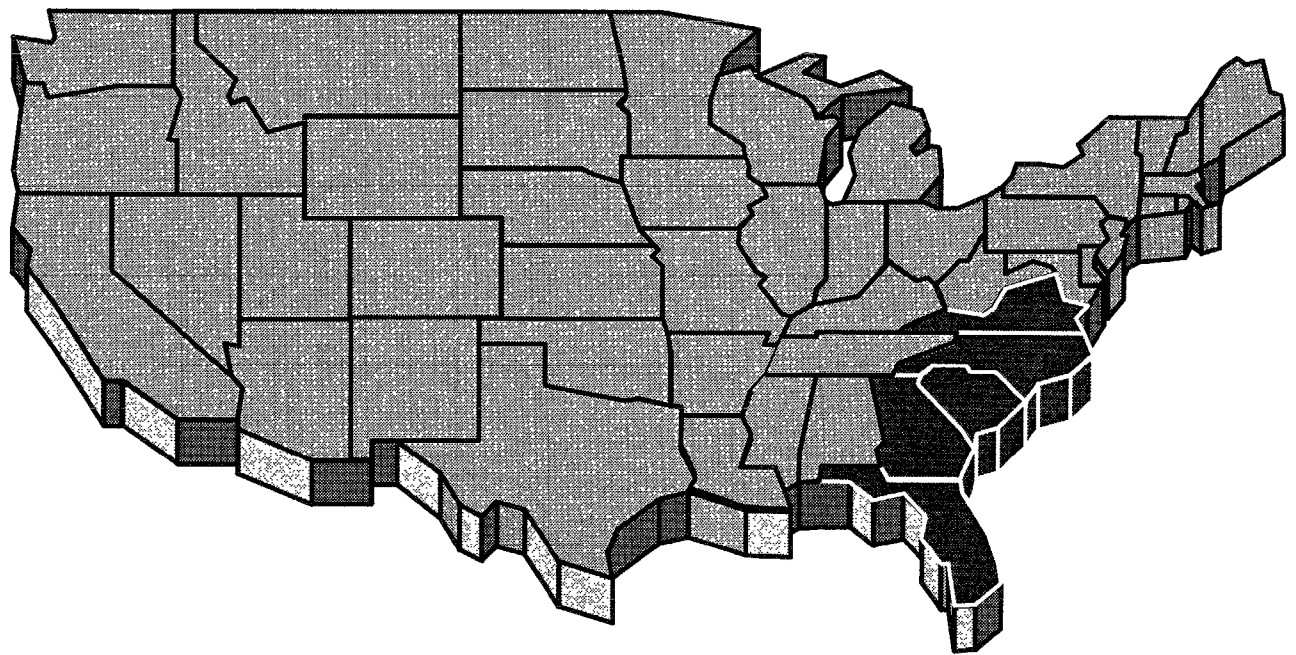
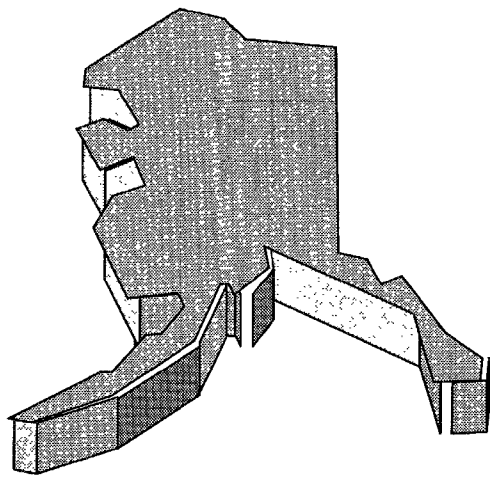
Table 90. Estimated number of ownership units and acres of forest land, by primary benefit expected in the next 10 years and past harvest experience, Southern, 1993

Benefits expected	Harvest Experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Land value increase	252,500	21	403,200	31	655,700	16.5
Recreation	83,900	7	86,700	7	170,600	14.3
Income from timber	133,000	11	28,300	2	161,200	23.2
Farm and domestic use	273,500	23	214,300	16	487,800	15.1
Esthetic enjoyment	283,300	24	345,000	26	628,400	14.4
Firewood	95,300	8	21,700	2	117,000	26.2
Other	47,700	4	38,800	3	86,500	25.6
No answer	26,900	2	165,200	13	192,100	39.8
Total	1,196,000	100	1,303,200	100	2,499,200	7.2
SE	8.5		11.7		7.2	
(In thousands of acres)						
Land value increase	16,659	19	6,313	25	22,972	6.2
Recreation	5,895	7	3,576	14	9,471	8
Income from timber	41,806	48	2,088	8	43,894	4.5
Farm and domestic use	7,561	9	3,950	16	11,511	7.2
Esthetic enjoyment	8,459	10	5,252	21	13,712	6.6
Firewood	1,712	2	442	2	2,155	14.1
Other	2,995	3	1,707	7	4,702	12.2
No answer	1,344	1	1,572	6	2,916	15.9
Total	86,431	100	24,901	100	111,332	0.1
SE	1.3		4.6		0.1	

Table 91. Estimated number of ownership units and acres of forest land, by size class and intention to harvest, Southern, 1993

Size class (acres)	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
(In owners)										
1-9	348,900	46	327,300	45	636,100	73	119,300	85	1,431,500	12.5
10-19	77,500	10	107,100	15	82,200	9	2,700	2	269,500	12.5
20-49	170,300	23	150,200	21	96,200	11	9,200	7	425,900	6.6
50-99	76,700	10	79,500	11	34,500	4	4,200	3	194,800	6.6
100-199	41,800	5	41,800	6	16,600	2	3,300	2	103,500	6.6
200-499	26,000	3	20,100	3	5,200	1	1,100	1	52,300	5.7
500-999	7,500	1	4,100	1	1,500	W	400	W	13,400	9.7
1000-4999	4,200	1	1,800	W	500	W	300	W	6,800	8.6
5000+	1,100	W	100	W	W	W	W	W	1,300	13.2
Subtotal over 10	405,100	54	404,600	55	236,800	27	21,100	15	1,067,600	3.7
Total	754,000	100	731,900	100	873,000	100	140,300	100	2,499,200	7.2
SE	11.1		11.4		14.4		48.3		7.2	
(In thousands of acres)										
1-9	1,136	2	1,073	4	1,633	12	382	16	4,223	11
10-19	1,035	1	1,323	5	1,033	8	41	2	3,431	12.8
20-49	4,947	7	4,609	16	2,732	20	271	11	12,559	6.9
50-99	5,046	7	5,140	18	2,151	16	268	11	12,606	6.8
100-199	5,185	8	4,989	17	2,008	15	384	16	12,565	6.6
200-499	7,370	11	5,393	19	1,533	11	335	14	14,632	6.4
500-999	4,678	7	2,059	7	915	7	237	10	7,890	8.5
1000-4999	6,719	10	2,435	8	938	7	268	11	10,359	7.8
5000+	30,731	46	1,667	6	479	3	189	8	33,066	6.9
Subtotal over 10	65,712	98	27,614	96	11,789	88	1,993	84	107,109	0.4
Total	66,848	100	28,687	100	13,422	100	2,375	100	111,332	0.1
SE	2.4		4.6		6.8		18		0.1	

W- Fewer than 50 owners or less than 0.5 percent.



Southeast Tables

Table 92. Estimated number of ownership units and acres of forest land, by size class and form of ownership, Southeast, 1993

Size class (acres)	Ownership class						Total	SE
	Individual	Percent	Corporation	Percent	Other	Percent		
(In owners)								
1-9	1,643,500	71	21,100	54	62,000	60	1,726,600	12
10-19	196,900	9	2,900	7	9,500	9	209,300	12.2
20-49	244,600	11	5,200	13	10,200	10	260,000	7.1
50-99	109,700	5	2,500	6	9,100	9	121,300	6.7
100-199	58,300	3	2,200	5	6,400	6	66,900	7.1
200-499	32,200	1	3,000	7	3,200	3	38,400	14.4
500-999	7,400	W	1,100	3	2,400	2	10,900	10.7
1000-4999	3,300	W	600	2	900	1	4,800	7.8
5000+	2,200	W	500	1	200	W	2,900	69.9
Sub total over 10	654,700	29	17,900	46	41,900	40	714,500	4.1
Total	2,298,100	100	39,100	100	103,900	100	2,441,100	8.4
SE	8.7		40		42.5		8.4	
(In thousands of acres)								
1-9	3,921	9	84	W	125	1	4,130	9.9
10-19	2,537	5	44	W	125	1	2,706	12.3
20-49	7,169	15	123	1	292	3	7,583	7.3
50-99	7,254	16	186	1	618	7	8,058	7
100-199	7,187	16	307	1	758	9	8,253	7
200-499	7,337	16	773	3	936	11	9,047	6.7
500-999	4,593	10	727	3	1,090	13	6,410	8
1000-4999	4,596	10	1,265	6	1,569	19	7,430	7.6
5000+	1,375	3	18,500	84	2,827	34	22,702	7.3
Subtotal over 10	42,048	91	21,925	100	8,216	99	72,189	0.6
Total	45,969	100	22,009	100	8,341	100	76,319	0.1
SE	3.3		7.7		9		0.1	

W- Fewer than 50 owners or less than 0.5 percent.

Table 93. Estimated number of ownership units and acres of forest land, by form of ownership and past harvest experience, Southeast, 1993

Form of ownership	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Individual + joint	941,700	91	1,356,400	96	2,298,100	8.7
Partnership	58,700	6	15,300	1	74,000	56.1
Corporation	7,600	1	31,500	2	39,100	39.8
Club/association	11,100	1	300	W	11,400	89.2
Other	14,400	1	4,100	W	18,500	60.4
Total	1,033,500	100	1,407,600	100	2,441,100	8.4
SE	12.1		11.9		8.4	
(In thousands of acres)						
Individual + joint	32,150	54	13,819	84	45,969	3.3
Partnership	5,098	9	892	5	5,990	11.5
Corporation	20,630	34	1,380	8	22,009	7.7
Club/association	260	W	110	1	370	32
Other	1,661	3	319	2	1,981	14.2
Total	59,799	100	16,520	100	76,319	0.1
SE	1.4		5.1		0.1	
W-Fewer than 50 owners or less than 0.5 percent						

Table 94. Estimated number of ownership units and acres of forest land, by incorporated and unincorporated businesses and past harvest experience, Southeast, 1993

Nature of business	Harvest				Total	SE
	Harvested	Percent	Did not harvest	Percent		
	(In owners)					
Incorporated:						
Forest industry	400	W	0	0	400	24.5
Farm	700	W	400	W	1,100	34.3
Industrial business	500	W	300	W	800	44.4
Real estate	1,300	W	4,800	W	6,100	44
Non-industrial	3,100	W	11,100	1	14,200	73.3
Sport/ recreation club	300	W	W	W	300	73.3
Public utility	W	W	0	0	W	56.5
Other	1,300	W	14,900	1	16,200	69.3
Total corporate	7,600	1	31,500	2	39,100	39.8
Unincorporated:						
Forest industry	900	W	0	0	900	53.2
Farm	218,200	21	131,700	9	349,900	14.3
Misc. individual	731,700	71	1,143,600	81	1,875,300	10.2
Industrial business	1,300	W	4,400	W	5,700	78.4
Real estate	45,300	4	72,500	5	117,800	52.5
Nonindustrial business	1,300	W	12,300	1	13,600	80.7
Sport/ recreation club	3,100	W	3,500	W	6,600	45.4
Other	24,100	3	8,000	1	32,200	40.4
Total noncorporate	1,025,900	99	1,376,000	98	2,402,000	8.5
Total	1,033,500	100	1,407,600	100	2,441,100	8.4
SE	12.1		11.9		8.4	
(In thousands of acres)						
Incorporated:						
Forest industry	14,332	24	0	0	14,332	12.9
Farm	1,024	2	185	1	1,209	18.4
Industrial business	1,282	2	84	1	1,367	18
Real estate	2,072	3	433	3	2,505	17.6
Non-industrial	470	1	118	1	588	26.2
Sport/ recreation club	157	W	41	W	198	45
Public utility	548	1	0	0	548	39
Other	743	4	519	2	1,262	17.7
Total corporate	20,630	34	1,380	8	22,009	7.7
Unincorporated:						
Forest industry	1,489	2	0	0	1,489	37.6
Farm	13,779	23	3,964	24	17,742	4.8
Misc. individual	18,889	31	9,806	59	28,696	4.1
Industrial business	157	W	80	W	237	41.1
Real estate	1,581	3	511	3	2,092	13.8
Nonindustrial business	470	1	110	1	580	26.1
Sport/ recreation club	778	1	158	1	936	19.9
Other	2,025	2	512	2	2,536	11.6
Total noncorporate	39,169	66	15,140	92	54,310	3.1
Total	59,799	100	16,520	100	76,319	0.1
SE	1.4		5.1		0.1	

W- Fewer than 50 owners or less than 0.5 percent

Table 95. Estimated number of ownership units and acres of forest land, by occupation class and intention to harvest , Southeast, 1993

Occupation	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
	(In owners)									
Professional	79,900	11	65,000	10	75,000	7	0	0	219,900	30.2
Managers	71,700	10	63,500	10	121,700	12	500	1	257,400	29.2
Other White collar	75,500	11	102,600	15	104,200	10	0	0	282,300	30.1
All white collar	227,000	33	231,200	35	300,900	30	500	1	759,600	17.2
Craftsmen	97,600	14	61,200	9	32,400	3	0	0	191,100	32.4
Blue collar	47,100	7	38,600	6	110,800	11	14,700	19	211,200	28.7
All blue collar	568,200	18	357,700	13	537,700	16	14,700	19	402,300	21.5
Farmers	25,900	4	82,200	12	4,400	W	600	1	113,000	34.9
Service workers	26,900	4	14,500	2	138,300	7	0	0	179,700	39.2
Homemaker	2,600	W	14,700	2	20,700	2	100	W	38,100	33.7
Retired	191,900	28	172,300	26	205,100	20	4,600	6	573,900	15.1
No answer	12,100	2	33,000	5	151,400	15	35,000	44	231,500	27.3
All other owners	61,000	9	13,300	2	45,300	4	23,300	30	142,900	32.7
Total	692,000	100	660,900	100	1,009,400	100	78,700	100	2,441,100	8.4
SE	16.2		14.3		14.8		34.6		8.4	
	(in thousands of acres)									
Professional	2,750	6	2,002	9	577	7	0	0	5,329	8.8
Managers	3,517	8	1,976	9	634	7	80	7	6,207	8.1
Other white collar	1,261	3	1,259	6	471	5	0	0	2,991	11.5
All white collar	7,528	17	5,236	25	1,682	20	80	7	14,527	5.5
Craftsmen	497	1	708	3	308	4	0	0	8,767	16.1
Blue collar	1,037	2	770	4	520	6	116	10	13,307	12.7
All blue collar	1,534	3	1,478	7	828	10	116	10	3,956	10
Farmers	3,061	7	2,473	12	311	4	77	7	5,923	8.2
Service workers	564	1	428	2	309	4	0	0	1,301	17.6
Homemaker	550	1	707	3	234	3	36	3	1,528	16.2
Retired	6,127	13	6,534	31	2,549	30	271	24	15,481	5.1
No answer	990	2	1,257	6	718	8	288	25	3,253	11.1
All other owners	25,020	55	3,147	15	1,916	22	267	23	161,040	5
Total	45,374	100	21,259	100	8,549	100	1,137	100	76,319	0.1
SE	2.6		4.5		7.1		18.8		0.1	

W-Fewer than 50 owners or less than 0.5 percent

Table 96. Estimated number of ownership units and acres of forest land, by age class and past harvest experience, Southeast, 1993

Age	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Under 25	39,000	4	10,200	1	49,200	77
25-34	52,000	5	68,700	5	120,700	33.3
35-44	155,800	15	219,200	15	375,000	23.2
45-54	268,800	26	426,000	30	694,800	19.1
55-64	151,100	15	359,100	25	510,200	17.9
65 or over	268,800	26	195,800	14	464,600	13.8
No answer	6,300	1	77,400	5	83,700	53.9
All other owners	91,700	9	51,200	4	142,900	32.7
Total	1,033,500	100	1,407,600	100	2,441,100	8.4
SE	12.1		11.9		8.4	
(In thousands of acres)						
Under 25	109	W	71	W	180	45.2
25-34	604	1	724	4	1,328	17.2
35-44	2,534	4	1,962	12	4,496	9.4
45-54	5,860	10	2,883	17	8,743	6.9
55-64	7,261	12	4,121	25	11,381	6
65 or over	15,137	25	3,621	22	18,758	4.8
No answer	645	1	436	3	1,081	19.3
All other owners	27,649	46	2,701	16	30,350	5
Total	59,799	100	16,520	100	76,319	0.1
SE	1.4		5.1		0.1	

W-Fewer than 50 owners of less than 0.5 percent

Table 97. Estimated number of ownership units and acres of forest land, by date of acquisition and form of ownership, Southeast, 1993

Date of acquisition	Ownership class					Total	SE
	Forest industry	Farmer	Miscellaneous:		Other		
			Individual	Corporation			
(In owners)							
1990-1994	600	14,600	204,700	2,600	4,300	226,700	26.8
1980-1989	200	103,100	652,900	25,900	3,700	785,800	15.7
1970-1979	W	59,800	358,900	3,700	60,100	482,500	19.1
1960-1969	W	39,200	272,000	4,300	1,800	317,400	22.1
1950-1959	200	33,400	132,100	300	2,200	168,300	31.8
1940-1949	W	28,300	99,800	100	3,500	131,700	30.3
1901-1939	100	18,600	18,600	100	300	37,700	29.4
Prior to 1900	W	1,200	33,700	100	W	35,100	86
No answer	200	52,700	189,400	500	13,100	255,800	32.8
Total	1,300	351,000	1,962,100	37,600	89,100	2,441,100	8.4
SE	37.7	14.3	10	41.4	49.3	8.4	
(In thousands of acres)							
1990-1994	128	797	2,155	354	396	3,830	10.2
1980-1989	712	3,424	6,942	1,760	1,075	13,913	5.8
1970-1979	284	3,761	6,105	979	1,213	12,342	5.9
1960-1969	1,128	2,920	5,857	924	697	11,526	7.2
1950-1959	1,759	3,424	2,884	260	727	9,054	9.6
1940-1949	914	2,212	2,510	249	227	6,112	9.7
1901-1939	6,822	1,233	1,126	1,364	605	11,151	13.8
Prior to 1900	2,324	266	336	317	73	3,316	27.1
No answer	1,750	915	1,805	261	345	5,076	18.6
Total	15,821	18,952	29,721	6,468	5,357	76,319	0.1
SE	11.7	4.7	4	9.6	8.9	0.1	

W-Fewer than 50 owners or less than 0.5 percent

Table 98. Estimated number of ownership units and acres of forest land, by distance from tracts, Southeast, 1993

Distance	Tracts			Total
	1 tract	More than one tract		
		Nearest tract	Farthest tract	
		(In owners)		
Less than 1 mile	1,327,600	503,700	101,900	
2-5 miles	87,700	28,400	43,700	
6-15 miles	91,200	39,400	76,100	
16-25 miles	34,100	12,000	19,900	
26-50 miles	18,600	22,800	71,300	
51-100 miles	22,700	12,100	72,600	
More than 100 miles	139,500	21,900	253,300	
No answer	71,800	7,600	9,100	
Total	1,793,200	647,900	647,900	2,441,100
		(In thousands of acres)		
Less than 1 mile	12,973	23,577	4,169	
2-5 miles	1,649	7,062	4,565	
6-15 miles	2,032	7,314	6,657	
16-25 miles	1,416	2,112	3,683	
26-50 miles	1,235	2,849	5,451	
51-100 miles	1,442	1,481	7,419	
More than 100 miles	3,100	2,204	14,489	
No answer	1,198	4,674	4,840	
Total	25,046	51,273	51,273	76,319

Table 99. Estimated number of ownership units and acres of forest land, by primary and secondary reason for owning forest land, Southeast, 1993

Reason	Primary reason		Secondary reason	
	Number	Percent	Number	Percent
	(In owners)			
Land investment	384,600	16	145,800	6
Recreation	88,700	4	160,400	7
Timber production	125,900	5	99,100	4
Farm and domestic use	110,700	5	145,200	6
Esthetic enjoyment	356,500	15	332,900	14
Part of farm	150,300	6	129,500	5
Part of residence	744,300	30	270,500	11
Estate	365,500	15	418,600	17
Other	73,500	3	7,500	W
No secondary reason given	-	-	690,400	28
No answer	40,900	2	40,900	2
Total	2,441,100	100	2,441,100	100
	(In thousands of acres)			
Land investment	12,107	16	9,953	13
Recreation	4,035	5	7,517	10
Timber production	27,945	37	8,871	12
Farm and domestic use	3,401	4	3,490	5
Esthetic enjoyment	5,321	7	5,100	7
Part of farm	5,987	8	2,431	3
Part of residence	5,562	7	3,906	5
Estate	7,938	10	9,139	12
Other	3,335	4	1,506	2
No secondary reason given	-	-	23,721	31
No answer	686	1	686	1
Total	76,319	100	76,319	100
W-Fewer than 50 owners or less than 0.5 percent				

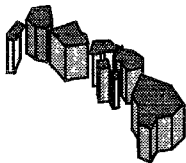
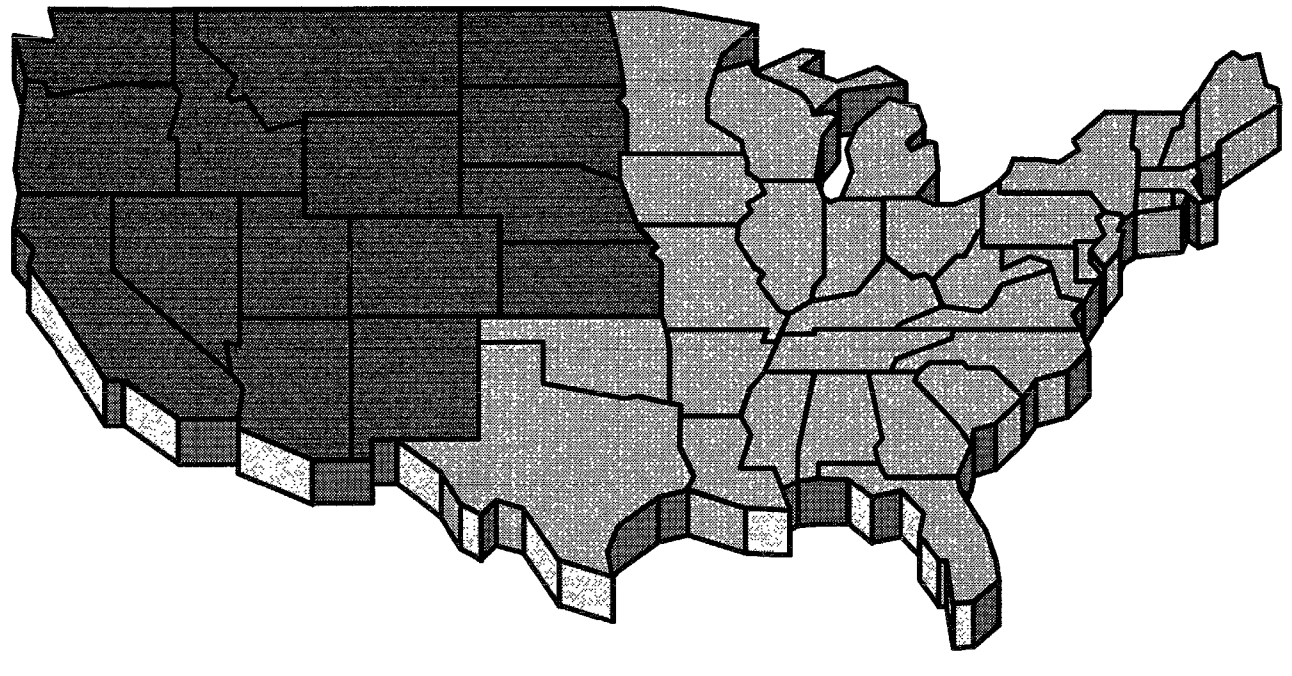
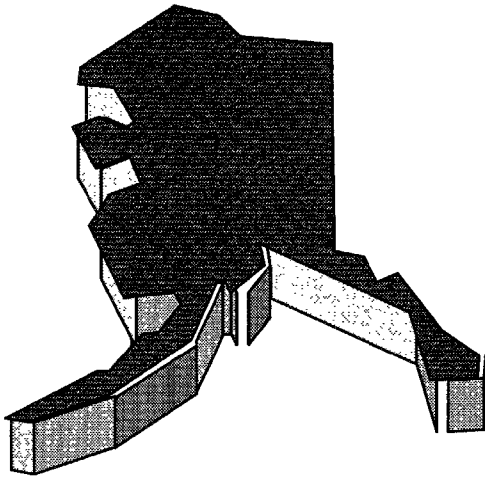
Table 100. Estimated number of ownership units and acres of forest land, by primary benefit expected in the next 10 years and past harvest experience, Southeast, 1993

Benefits expected	Harvest Experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Land value increase	319,000	31	365,900	26	684,900	17
Recreation	113,000	11	57,800	4	170,800	26.5
Income from timber	63,100	6	106,800	7	169,900	33.8
Farm and domestic use	176,700	17	195,500	14	372,200	19.8
Esthetic enjoyment	294,200	28	522,300	37	816,500	15.7
Firewood	32,700	3	43,100	3	75,800	50.8
Other	5,200	1	44,800	3	50,000	34.7
No answer	29,600	3	71,400	5	101,000	45.7
Total	1,033,500	100	1,407,600	100	2,441,100	8.4
SE	12.1		11.9		8.4	
(In thousands of acres)						
Land value increase	12,311	21	4,790	29	17,101	5.3
Recreation	3,795	6	2,024	12	5,819	8.3
Income from timber	30,307	51	1,773	11	32,079	4.6
Farm and domestic use	4,330	7	1,852	11	6,181	8
Esthetic enjoyment	5,675	9	4,560	28	10,235	6.3
Firewood	630	1	248	1	879	21.4
Other	1,766	3	691	4	2,457	13.1
No answer	985	2	582	3	1,567	16
Total	59,799	100	16,520	100	76,319	0.1
SE	1.4		5.1		0.1	

Table 101. Estimated number of ownership units and acres of forest land, by size class and intention to harvest, Southeast, 1993

Size class (acres)	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
(In owners)										
1-9	438,400	63	378,300	57	845,100	84	64,900	82	1,726,600	12
10-19	85,600	12	53,800	8	67,400	7	2,400	3	209,300	12.2
20-49	74,200	11	116,100	17	63,000	6	6,800	9	260,000	7.1
50-99	36,100	5	60,500	9	22,300	2	2,400	3	121,300	6.7
100-199	24,000	3	34,500	5	6,700	1	1,700	2	66,900	7.1
200-499	21,700	3	12,600	2	3,700	W	400	1	38,400	14.4
500-999	5,900	1	3,800	1	1,100	W	100	W	10,900	10.7
1000-4999	3,300	W	1,300	W	200	W	W	W	4,800	7.8
5000+	2,800	W	W	W	W	W	0	0	2,900	69.9
Subtotal over 10	253,700	37	282,600	43	164,300	16	13,900	18	714500	4.1
Total	692,000	100	660,900	100	1,009,400	100	78,700	100	2,441,100	8.4
SE	16.2		14.3		14.8		34.6		8.4	
(In thousands of acres)										
1-9	972	2	1,051	5	1,867	22	240	21	4,130	9.9
10-19	1,087	2	684	3	891	10	43	4	2,706	12.3
20-49	2,272	5	3,419	16	1,685	20	208	18	7,583	7.3
50-99	2,501	5	3,973	19	1,414	17	170	15	8,058	7
100-199	3,075	7	4,127	19	842	10	208	18	8,253	7
200-499	4,617	10	3,410	16	898	11	122	11	9,047	6.7
500-999	3,889	9	1,964	9	484	6	73	6	6,410	8
1000-4999	4,812	11	2,198	10	347	4	73	6	7,430	7.6
5000+	22,148	49	433	2	121	1	0	0	22,702	7.3
Subtotal over 10	44,402	98	20,208	95	6,682	78	897	79	72189	0.6
Total	45,374	100	21,259	100	8,549	100	1,137	100	76,319	0.1
SE	2.6		4.5		7.1		18.8		0.1	

W- Fewer than 50 owners or less than 0.5 percent.



Western Region Tables

Table 102. Estimated number of ownership units and acres of forest land, by size class and form of ownership, Western Region, 1993

Size class (acres)	Ownership class						Total	SE
	Individual	Percent	Corporation	Percent	Other	Percent		
	(In owners)							
1-9	569,800	61	2,700	11	28,200	41	600,700	14.7
10-19	143,400	15	1,900	7	10,000	15	155,300	13.7
20-49	119,100	13	4,400	17	13,800	20	137,300	8.8
50-99	51,600	5	7,600	30	9,000	13	68,200	15.5
100-199	30,600	3	4,100	16	3,100	4	37,800	14.3
200-499	13,900	1	2,000	8	2,400	3	18,300	10.6
500-999	4,200	W	1,200	5	1,100	1	6,400	8.8
1000-4999	2,900	W	1,200	5	900	1	5,100	12.4
5000+	700	W	400	1	100	W	1,200	36.4
Sub total over 10	366,400	39	22,800	89	40,400	59	429,600	5.8
Total	936,200	100	25,500	100	68,600	100	1,030,300	8.7
SE	9.5		17.9		22.7		8.7	
	(In thousands of acres)							
1-9	1,780	7	14	W	154	1	1,948	14.7
10-19	1,650	6	28	W	115	1	1,793	14.6
20-49	3,533	14	130	W	451	2	4,114	10.3
50-99	3,559	14	495	2	571	3	4,624	19.1
100-199	3,923	15	502	2	411	2	4,837	18.1
200-499	3,432	13	545	2	658	3	4,635	9.4
500-999	2,621	10	783	3	722	3	4,126	9.6
1000-4999	3,745	15	2,309	8	1,567	7	7,621	7.3
5000+	1,329	5	24,730	84	16,429	78	42,488	4.3
Subtotal over 10	23,793	93	29,521	100	20,925	99	74,239	0.5
Total	25,573	100	29,535	100	21,079	100	76,187	0.3
SE	6.2		6.6		6.9		0.3	

W- Fewer than 50 owners or less than 0.5 percent.

Table 103. Estimated number of ownership units and acres of forest land, by form of ownership and past harvest experience, Western Region, 1993

Form of ownership	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Individual + joint	400,200	91	536,000	91	936,200	9.5
Partnership	16,500	4	22,100	4	38,600	20.1
Corporation	9,200	2	16,300	3	25,500	17.9
Club/association	800	W	11,000	2	11,800	83.1
Other	12,800	3	5,400	1	18,200	51.9
Total	439,400	100	590,900	100	1,030,300	8.7
SE	12.3		12.5		8.7	
(In thousands of acres)						
Individual + joint	16,997	27	8,576	64	25,573	6.2
Partnership	4,583	7	1,431	11	6,015	11.8
Corporation	26,897	43	2,638	20	29,535	6.6
Club/association	113	W	95	1	208	37
Other	14,268	23	588	4	14,856	9.4
Total	62,859	100	13,329	100	76,187	0.3
SE	1.3		5.9		0.3	
W-Fewer than 50 owners or less than 0.5 percent						

Table 104. Estimated number of ownership units and acres of forest land, by incorporated and unincorporated businesses and past harvest experience, Western Region, 1993

Nature of business	Harvest				Total	SE
	Harvested	Percent	Did not harvest	Percent		
	(In owners)					
Incorporated:						
Forest industry	900	W	0	0	900	38
Farm	3,300	1	7,300	1	10,600	25.1
Industrial business	600	W	1,600	W	2,200	43.3
Real estate	500	W	5,500	1	6,000	52.2
Non-industrial	W	W	0	0	W	95.7
Sport/ recreation club	2,500	1	1,500	W	4,000	43
Public utility	W	W	0	0	W	79.2
Other	1,400	W	400	W	1,800	37.4
Total corporate	9,200	2	16,300	3	25,500	17.9
Unincorporated:						
Forest industry	100	W	0	0	100	32.6
Farm	115,300	26	133,100	23	248,400	16.3
Misc. individual	288,400	66	406,100	69	694,500	11.6
Industrial business	300	W	3,000	1	3,300	81
Real estate	2,200	1	4,800	1	7,000	38.9
Nonindustrial business	5,000	1	3,400	1	8,400	50.2
Sport/ recreation club	6,500	1	11,800	1	18,200	88
Other	14,500	3	13,100	3	27,600	40.8
Total noncorporate	430,200	98	574,600	97	1,004,800	8.9
Total	439,400	100	590,900	100	1,030,300	8.7
SE	12.3		12.5		8.7	
	(In thousands of acres)					
Incorporated:						
Forest industry	13,703	22	0	0	13,703	12.9
Farm	2,950	5	1,541	11	4,491	12
Industrial business	513	1	351	3	863	37
Real estate	301	1	360	3	662	23.9
Non-industrial	59	W	0	0	59	100
Sport/ recreation club	529	1	183	1	712	31.3
Public utility	113	W	0	0	113	62
Other	8,729	13	203	1	8,932	11.7
Total corporate	26,897	43	2,638	20	29,535	6.6
Unincorporated:						
Forest industry	10,286	16	0	0	10,286	17.2
Farm	11,746	19	4,620	35	16,366	5.2
Misc. individual	7,077	11	4,802	36	11,879	10.2
Industrial business	396	1	66	1	462	71.2
Real estate	622	1	479	3	1,101	22.8
Nonindustrial business	161	W	83	1	244	32.2
Sport/ recreation club	264	W	154	1	417	27
Other	5,409	9	487	3	5,896	23.4
Total noncorporate	35,961	57	10,691	80	46,652	4.2
Total	62,859	100	13,329	100	76,187	0.3
SE	1.3		5.9		0.3	

W- Fewer than 50 owners or less than 0.5 percent

Table 105. Estimated number of ownership units and acres of forest land, by occupation class and intention to harvest , Western Region, 1993

Occupation	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
	(In owners)									
Professional	63,600	20	25,800	11	58,500	14	0	0	147,900	22.3
Managers	51,900	16	47,000	20	34,800	9	29,700	48	163,400	26.6
Other White collar	4,700	1	2,600	1	48,200	12	0	0	55,500	51.4
All white collar	120,200	37	75,400	32	141,500	35	29,700	48	366,800	16.6
Craftsmen	18,400	6	14,800	6	21,900	5	0	0	55,100	32.7
Blue collar	38,500	12	4,000	2	26,300	6	0	0	68,800	48.6
All blue collar	56,900	18	18,800	8	48,200	12	0	0	123,900	30.6
Farmers	27,700	9	12,500	5	45,600	11	1,100	2	86,800	18.9
Service workers	300	W	21,900	9	8,500	2	0	0	30,700	58.4
Homemaker	500	W	14,100	6	4,000	1	0	0	18,600	68.2
Retired	76,900	24	69,100	29	102,500	25	27,800	45	276,300	17.5
No answer	7,800	2	2,100	1	20,400	5	2,900	5	33,100	30.8
All other owners	33,800	10	22,600	9	37,300	9	500	1	94,100	17.1
Total	324,100	100	236,400	100	407,900	100	61,900	100	1030300	8.7
SE	15.6		16.5		13.7		60.4		8.7	
	(in thousands of acres)									
Professional	1,600	3	818	9	617	7	0	0	2,999	11.5
Managers	1,600	3	1,112	12	547	7	82	9	3,354	11.5
Other white collar	300	1	88	1	252	3	0	0	659	24
All white collar	3,500	6	2,019	22	1,417	17	82	9	7,012	8.4
Craftsmen	500	1	190	2	154	2	0	0	831	19.8
Blue collar	449	1	187	2	177	2	0	0	813	21.2
All blue collar	936	2	377	4	331	4	0	0	1,644	15
Farmers	4,592	8	1,164	13	1,166	14	60	6	6,981	7.6
Service workers	66	W	115	1	76	1	0	0	257	40.4
Homemaker	23	W	85	1	149	2	0	0	257	33.7
Retired	3,739	6	2,181	24	1,839	23	196	21	7,956	13.2
No answer	647	1	279	3	340	4	200	22	1,466	14.7
All other owners	44,461	77	2,911	32	2,853	35	388	42	50,614	3.2
Total	57,959	100	9,131	100	8,172	100	925	100	76,187	0.3
SE	2.2		11.1		7.4		19.1		0.3	

W-Fewer than 50 owners or less than 0.5 percent

Table 106. Estimated number of ownership units and acres of forest land, by age class and past harvest experience, Western Region, 1993

Age	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Under 25	900	W	0	0	900	75.4
25-34	5,200	1	3,900	1	9,100	40.9
35-44	98,000	22	99,800	17	197,800	20
45-54	53,900	12	163,400	28	217,300	23.6
55-64	88,600	20	114,800	19	203,400	20.2
65 or over	150,200	34	143,500	24	293,700	16.8
No answer	3,400	1	10,600	2	14,000	55.2
All other owners	39,200	9	54,900	9	94,100	17.1
Total	439,400	100	590,900	100	1,030,300	8.7
SE	12.3		12.5		8.7	
(In thousands of acres)						
Under 25	99	W	0	0	99	66
25-34	257	W	119	1	377	31.4
35-44	1,849	3	1,058	8	2,907	11.9
45-54	2,446	4	2,235	16	4,681	9
55-64	3,465	5	2,174	16	5,639	8.8
65 or over	8,640	14	2,646	20	11,286	10.1
No answer	240	W	343	3	583	22.5
All other owners	45,861	73	4,753	36	50,614	3.2
Total	62,859	100	13,329	100	76,187	0.3
SE	1.3		5.9		0.3	

W-Fewer than 50 owners of less than 0.5 percent

Table 107. Estimated number of ownership units and acres of forest land, by date of acquisition and form of ownership, Western Region, 1993

Date of acquisition	Ownership class					Total	SE
	Forest industry	Farmer	Miscellaneous:		Other		
			Individual	Corporation			
(In owners)							
1990-1994	W	11,900	150,900	4,100	7,300	174,200	24.4
1980-1989	100	36,500	203,400	3,400	17,800	261,100	18.1
1970-1979	200	53,500	204,300	2,100	12,600	272,700	17.8
1960-1969	300	31,900	58,900	2,300	7,800	101,300	20.3
1950-1959	100	44,500	38,000	600	3,600	86,800	30.5
1940-1949	100	55,400	12,300	200	400	68,400	36.2
1901-1939	W	14,500	13,400	600	1,400	30,000	40.4
Prior to 1900	100	600	1,100	300	600	2,700	33.4
No answer	300	10,200	21,900	200	600	33,100	59.2
Total	1,100	259,000	704,100	13,900	52,200	1,030,300	8.7
SE	33.7	15.6	11.4	26.8	28.8	8.7	
(In thousands of acres)							
1990-1994	172	1,046	1,389	434	195	3,235	13.7
1980-1989	636	3,168	2,475	2,635	627	9,542	14.7
1970-1979	261	3,568	3,185	6,706	310	14,031	11.5
1960-1969	446	3,559	1,457	470	357	6,288	8.7
1950-1959	1,331	2,792	2,406	342	179	7,050	16.2
1940-1949	1,781	2,357	707	162	102	5,109	14.2
1901-1939	2,741	2,234	406	277	1,136	6,794	14.9
Prior to 1900	16,501	1,085	104	142	4,462	22,296	9.2
No answer	120	1,048	325	172	177	1,842	16.5
Total	23,989	20,857	12,455	11,341	7,545	76,187	0.3
SE	9.2	5	9.9	9.2	19.1	0.3	

W-fewer than 50 owners or less than 0.5 percent

Table 108. Estimated number of ownership units and acres of forest land, by distance from tracts, Western Region, 1993

Distance	Tracts			Total
	1 tract	More than one tract		
		Nearest tract	Farthest tract	
		(In owners)		
Less than 1 mile	375,300	112,900	51,100	
2-5 miles	59,200	11,200	26,000	
6-15 miles	33,200	10,600	20,500	
16-25 miles	19,600	4,800	4,400	
26-50 miles	32,400	8,900	17,200	
51-100 miles	36,000	5,700	8,000	
More than 100 miles	237,600	29,100	55,900	
No answer	49,000	4,900	4,900	
Total	842,300	188,000	188,000	1,030,300
		(In thousands of acres)		
Less than 1 mile	8,493	22,794	2,562	
2-5 miles	1,042	5,558	2,683	
6-15 miles	1,260	6,753	4,098	
16-25 miles	522	1,147	2,795	
26-50 miles	1,382	6,613	4,763	
51-100 miles	900	1,017	7,664	
More than 100 miles	3,592	3,255	22,554	
No answer	1,682	10,178	10,194	
Total	18,873	57,314	57,314	76,187

Table 109. Estimated number of ownership units and acres of forest land, by primary and secondary reason for owning forest land , Western Region, 1993

Reason	Primary reason		Secondary reason	
	Number	Percent	Number	Percent
(In owners)				
Land investment	90,900	9	18,200	2
Recreation	104,300	10	80,600	8
Timber production	14,800	1	24,200	2
Farm and domestic use	57,600	6	71,800	7
Esthetic enjoyment	199,100	19	113,200	11
Part of farm	134,200	13	15,500	2
Part of residence	197,300	19	111,200	11
Estate	93,300	9	110,700	11
Other	133,000	13	32,500	3
No secondary reason given	-	-	446,500	43
No answer	5,700	1	5,700	1
Total	1,030,300	100	1,030,300	100
(In thousands of acres)				
Land investment	3,997	5	6,391	8
Recreation	5,532	7	6,127	8
Timber production	23,049	30	5,095	7
Farm and domestic use	9,802	13	6,611	9
Esthetic enjoyment	3,644	5	4,391	6
Part of farm	6,575	9	1,996	3
Part of residence	4,031	5	2,592	3
Estate	2,486	3	5,285	7
Other	15,093	20	7,331	10
No secondary reason given	-	-	28,388	37
No answer	1,978	3	1,978	3
Total	76,187	100	76,187	100

Table 110. Estimated number of ownership units and acres of forest land, by primary benefit expected in the next 10 years and past harvest experience, Western Region, 1993

Benefits expected	Harvest Experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Land value increase	68,500	16	112,900	19	181,400	22.9
Recreation	21,100	5	100,300	17	121,400	34.8
Income from timber	14,700	3	6,700	1	21,400	18.8
Farm and domestic use	69,600	16	51,900	9	121,500	19.6
Esthetic enjoyment	176,600	40	188,700	32	365,300	13.8
Firewood	26,200	6	700	W	26,900	85.5
Other	48,500	11	70,500	12	119,100	21.8
No answer	14,100	3	59,200	10	73,300	38.1
Total	439,400	100	590,900	100	1,030,300	8.7
SE	12.3		12.5		8.7	
(In thousands of acres)						
Land value increase	3,257	5	2,406	18	5,663	8.7
Recreation	5,643	9	1,902	14	7,545	19.4
Income from timber	24,568	39	652	5	25,220	8.2
Farm and domestic use	9,744	16	1,683	13	11,427	18
Esthetic enjoyment	5,223	8	3,453	26	8,676	12
Firewood	424	1	56	W	480	23.5
Other	11,374	18	2,115	16	13,489	15.6
No answer	2,626	4	1,061	8	3,687	28.6
Total	62,859	100	13,329	100	76,187	0.3
SE	1.3		5.9		0.3	
W-Fewer than 50 owners or less than 0.5 percent						

W-Fewer than 50 owners or less than 0.5 percent

Table 111. Estimated number of ownership units and acres of forest land, by size class and intention to harvest, Western Region, 1993

Size class (acres)	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
(In owners)										
1-9	164,300	51	128,300	54	255,600	63	52,400	85	600,700	14.7
10-19	37,900	12	24,300	10	88,500	22	4,600	7	155,300	13.7
20-49	58,800	18	41,200	17	34,700	8	2,600	4	137,300	8.8
50-99	23,700	7	25,900	11	17,900	4	700	1	68,200	15.5
100-199	21,400	7	9,100	4	6,700	2	700	1	37,800	14.3
200-499	9,800	3	5,000	2	3,000	1	500	1	18,300	10.6
500-999	4,300	1	1,100	W	700	W	300	W	6,400	8.8
1000-4999	3,300	1	800	W	800	W	W	W	5,100	12.4
5000+	600	W	500	W	W	W	W	W	1,200	36.4
Subtotal over 10	159,800	49	108,000	46	152,300	37	9,500	15	429,600	5.8
Total	324,100	100	236,400	100	407,900	100	61,900	100	1,030,300	8.7
SE	15.6		16.5		13.7		60.4		8.7	
(In thousands of acres)										
1-9	503	1	472	5	921	11	52	6	1,948	14.7
10-19	447	1	322	3	963	12	62	7	1,793	14.6
20-49	1,707	3	1,205	13	1,101	14	101	11	4,114	10.3
50-99	1,613	3	1,822	20	1,133	14	57	6	4,624	19.1
100-199	2,783	5	1,180	13	807	10	67	7	4,837	18.1
200-499	2,711	5	1,206	13	557	7	162	17	4,635	9.4
500-999	2,846	5	660	7	418	5	201	22	4,126	9.6
1000-4999	4,545	8	1,443	16	1,505	18	129	14	7,621	7.3
5000+	40,804	70	821	9	767	9	95	10	42,488	4.3
Subtotal over 10	57,457	99	8,659	95	7,251	89	873	94	74,239	0.5
Total	57,959	100	9,131	100	8,172	100	925	100	76,187	0.3
SE	2.2		11.1		7.4		19.1		0.3	

W- Fewer than 50 owners or less than 0.5 percent.

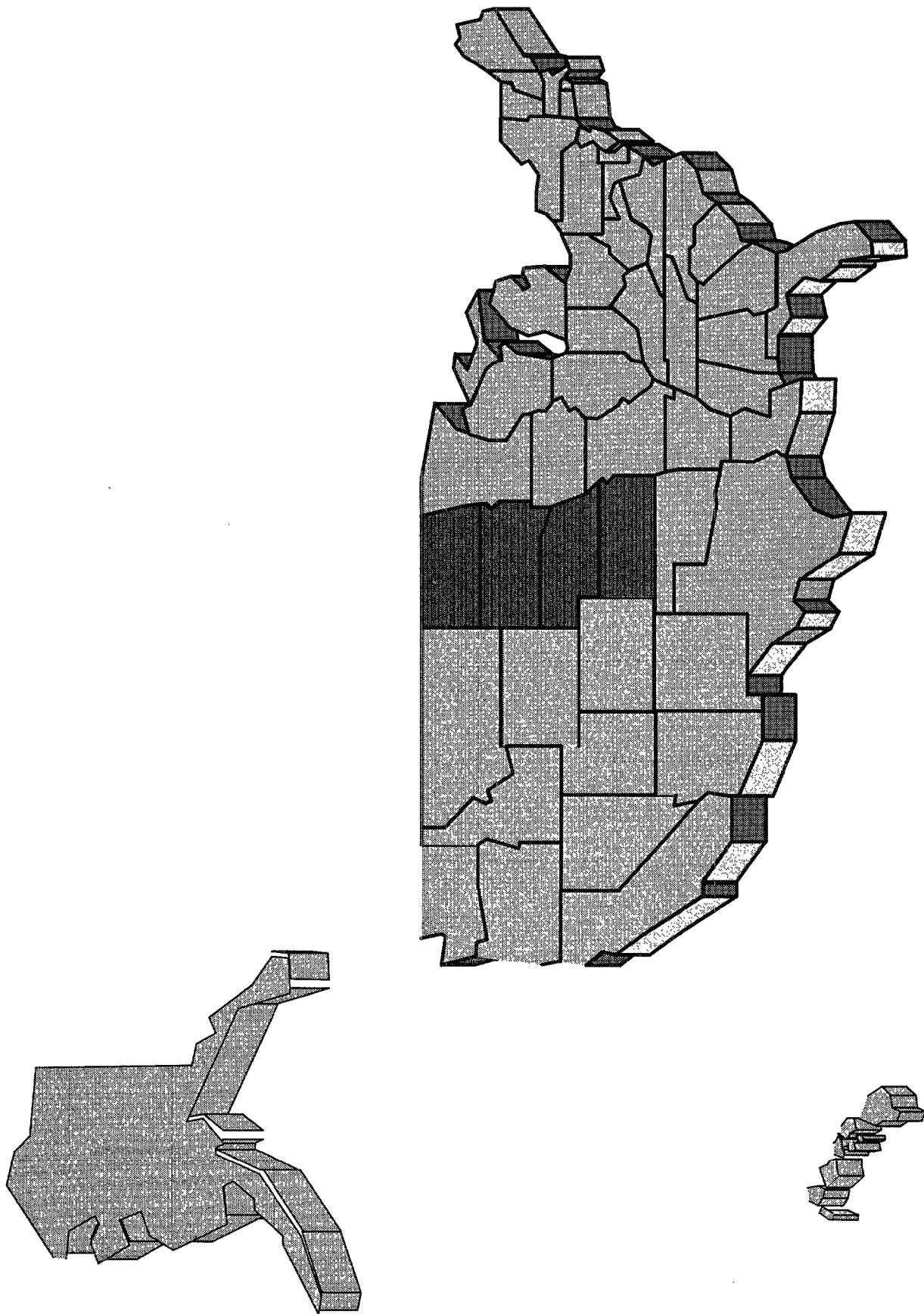


Table 112. Estimated number of ownership units and acres of forest land, by size class and form of ownership, Plains, 1993

Size class (acres)	Ownership class						Total	SE
	Individual	Percent	Corporation	Percent	Other	Percent		
(In owners)								
1-9	66,500	64	0	0	0	0	66,500	46.1
10-19	8,900	9	0	0	4,800	73	13,700	42
20-49	18,000	17	0	0	300	5	18,400	22.5
50-99	5,900	6	1,900	65	600	9	8,400	20
100-199	3,400	3	700	23	600	9	4,600	21.5
200-499	900	1	200	7	100	2	1,200	29.4
500-999	400	W	100	3	100	1	600	27.5
1000-4999	W	W	W	1	W	1	100	52.2
5000+	0	0	W	W	0	0	W	100
Sub total over 10	37,500	36	2,900	100	6,600	100	47,000	13.2
Total	104,100	100	2,900	100	6,600	100	113,500	26.6
SE	29.2		33		52.4		26.6	
(In thousands of acres)								
1-9	182	8	0	0	0	0	182	41.7
10-19	109	5	0	0	60	21	169	41.9
20-49	528	23	0	0	14	5	542	21.5
50-99	432	19	142	36	51	17	625	19.9
100-199	404	18	74	19	74	25	551	20.5
200-499	270	12	46	12	23	8	339	28
500-999	278	12	60	15	36	12	374	27.1
1000-4999	46	2	37	9	36	12	119	50.9
5000+	0	0	36	9	0	0	36	100
Subtotal over 10	2,067	92	395	100	293	100	2,755	2.8
Total	2,249	100	395	100	293	100	2,937	0.3
SE	5.8		26.6		31		0.3	

W- Fewer than 50 owners or less than 0.5 percent.

Table 113. Estimated number of ownership units and acres of forest land, by form of ownership and past harvest experience, Plains, 1993

Form of ownership	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Individual + joint	32,900	85	71,100	95	104,100	29.2
Partnership	3,700	10	2,300	3	6,000	56.6
Corporation	1,800	5	1,100	1	2,900	33.2
Club/association	0	0	500	1	500	100
Other	100	W	0	0	100	100
Total	38,500	100	75,000	100	113,500	26.6
SE	32.6		37.6		26.6	
(In thousands of acres)						
Individual + joint	1,446	73	803	83	2,249	5.8
Partnership	197	10	23	2	220	35
Corporation	289	15	106	11	395	26.6
Club/association	0	0	37	4	37	100
Other	36	2	0	0	36	100
Total	1,967	100	969	100	2,937	0.3
SE	7.1		14.5		0.3	
W-Fewer than 50 owners or less than 0.5 percent						

W-Fewer than 50 owners or less than 0.5 percent

Table 114. Estimated number of ownership units and acres of forest land, by incorporated and unincorporated businesses and past harvest experience, Plains, 1993

Nature of business	Harvest				Total	SE
	Harvested	Percent	Did not harvest	Percent		
	(In owners)					
Incorporated:						
Forest industry	W	W	0	0	W	100
Farm	500	1	700	1	1,200	46.9
Industrial business	500	1	0	0	500	100
Sport/ recreation club	500	1	0	0	500	81.4
Other	300	1	400	W	700	71.6
Total corporate	1,800	5	1,100	1	2,900	33.2
Unincorporated:						
Farm	32,400	84	58,500	78	91,000	31.2
Misc. individual	4,300	11	14,900	20	19,200	63.6
Sport/ recreation club	0	0	500	W	500	100
Total noncorporate	36,700	95	73,900	98	110,600	27.4
Total	38,500	100	75,000	100	113,500	26.6
SE	32.6		37.6		26.6	
	(In thousands of acres)					
Incorporated:						
Forest industry	36	2	0	0	36	100
Farm	120	6	83	9	203	37.3
Industrial business	36	2	0	0	36	100
Sport/ recreation club	60	3	0	0	60	72.5
Other	37	2	23	2	60	72.5
Total corporate	289	15	106	11	395	26.6
Unincorporated:						
Farm	1,445	73	653	67	2,098	6.6
Misc. individual	234	12	173	18	407	26
Sport/ recreation club	0	0	37	4	37	100
Total noncorporate	1,679	85	863	89	2,542	4.1
Total	1,967	100	969	100	2,937	0.3
SE	7.1		14.5		0.3	

W- Fewer than 50 owners or less than 0.5 percent

Table 115. Estimated number of ownership units and acres of forest land, by occupation class and intention to harvest , Plains, 1993

Occupation	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
	(In owners)									
Professional	500	3	1,200	3	100	W	0	0	1,900	53.7
Managers	100	1	12,900	33	0	0	0	0	13,000	92.2
Other White collar	0	0	0	0	0	0	0	0	0	0
All white collar	700	4	14,100	36	100	W	0	0	14,900	80.9
Craftsmen	100	1	200	1	0	0	0	0	300	58.9
Blue collar	200	1	2,200	6	0	0	0	0	2,400	60.9
All blue collar	400	2	2,400	6	0	0	0	0	2,800	53.4
Farmers	5,300	33	2,800	7	13,000	39	700	3	21,800	37.6
Service workers	0	0	0	0	0	0	0	0	0	0
Homemaker	0	0	12,300	31	0	0	0	0	12,300	100
Retired	5,400	33	3,700	9	5,100	15	23,200	93	37,400	62.3
No answer	2,000	12	0	0	12,000	36	900	4	14,900	59.5
All other owners	2,600	16	3,700	9	3,200	9	0	0	9,500	36.9
Total	16,300	100	39,100	100	33,400	100	24,800	100	113,500	26.6
SE	18.7		44.4		36.1		93.6		26.6	
	(in thousands of acres)									
Professional	97	7	74	9	14	2	0	0	184	40.9
Managers	37	3	73	9	0	0	0	0	109	57.2
Other white collar	0	0	0	0	0	0	0	0	0	0
All white collar	134	9	146	17	14	2	0	0	294	32.2
Craftsmen	14	1	49	6	0	0	0	0	63	64.2
Blue collar	37	3	63	7	0	0	0	0	100	48.4
All blue collar	51	3	113	13	0	0	0	0	163	37.5
Farmers	361	25	173	21	181	31	14	19	729	17.5
Service workers	0	0	0	0	0	0	0	0	0	0
Homemaker	0	0	37	4	0	0	0	0	37	100
Retired	441	30	189	23	197	34	23	31	850	15.7
No answer	74	5	0	0	64	11	37	50	175	40
All other owners	390	27	178	21	120	21	0	0	688	18.8
Total	1,451	100	836	100	576	100	74	100	2,937	0.3
SE	10.3		16.3		21.1		61.9		0.3	

W-Fewer than 50 owners or less than 0.5 percent

Table 116. Estimated number of ownership units and acres of forest land, by age class and past harvest experience, Plains, 1993

Age	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Under 25	0	0	0	0	0	0
25-34	0	0	0	0	0	0
35-44	100	W	6,900	9	7,000	69
45-54	4,500	11	16,000	21	20,400	60.5
55-64	1,900	5	2,600	3	4,500	46.4
65 or over	26,500	69	37,300	50	63,800	42.6
No answer	0	0	8,300	11	8,300	89.3
All other owners	5,600	14	3,900	5	9,500	36.9
Total	38,500	100	75,000	100	1,113,500	26.6
SE	32.6		37.6		26.6	
(In thousands of acres)						
Under 25	0	0	0	0	0	0
25-34	0	0	0	0	0	0
35-44	37	2	64	7	101	54.2
45-54	378	19	107	11	486	23
55-64	134	7	157	16	291	28.7
65 or over	897	45	400	41	1,297	11.5
No answer	0	0	74	8	74	69.7
All other owners	522	27	167	17	688	18.8
Total	1,967	100	969	100	2,937	0.3
SE	7.1		14.5		0.3	

W-Fewer than 50 owners of less than 0.5 percent

Table 117. Estimated number of ownership units and acres of forest land, by date of acquisition and form of ownership, Plains, 1993

Date of acquisition	Ownership class					Total	SE
	Forest industry	Farmer	Miscellaneous:		Other		
			Individual	Corporation			
(In owners)							
1990-1994	0	300	0	0	0	300	100
1980-1989	0	8,100	2,300	500	0	10,900	66.6
1970-1979	0	19,100	16,300	0	0	35,400	48.8
1960-1969	0	8,400	500	700	0	9,600	30.4
1950-1959	0	6,400	0	400	0	6,800	57.3
1940-1949	0	38,100	0	100	0	38,200	62.4
1901-1939	0	9,800	100	0	0	9,900	75.6
Prior to 1900	W	100	0	0	500	600	85.2
No answer	0	1,800	0	0	0	1,800	57.4
.							
Total	W	92,100	19,200	1,700	500	113,500	26.6
SE	100	30.8	63.6	47.5	100	26.6	
(In thousands of acres)							
1990-1994	0	23	0	0	0	23	100
1980-1989	0	274	86	36	0	396	26.2
1970-1979	0	303	279	0	0	583	20.9
1960-1969	0	493	27	74	0	594	19.5
1950-1959	0	392	0	23	0	415	24.1
1940-1949	0	526	0	23	0	549	21.7
1901-1939	0	198	14	0	0	212	35.2
Prior to 1900	36	14	0	0	37	86	61.6
No answer	0	78	0	0	0	78	55.7
Total	36	2,301	407	156	37	2,937	0.3
SE	100	5.5	26	45.1	100	0.3	

W-fewer than 50 owners or less than 0.5 percent

Table 118. Estimated number of ownership units and acres of forest land, by distance from tracts, Plains, 1993

Distance	Tracts			Total
	1 tract	More than one tract		
		Nearest tract	Farthest tract	
		(In owners)		
Less than 1 mile	39,300	15,700	3,200	
2-5 miles	1,000	800	6,300	
6-15 miles	10,900	0	6,200	
16-25 miles	W	0	300	
26-50 miles	1,200	100	500	
51-100 miles	0	0	0	
More than 100 miles	17,300	0	100	
No answer	26,400	700	700	
Total	96,200	17,300	17,300	113,500
		(In thousands of acres)		
Less than 1 mile	1,017	1,061	296	
2-5 miles	87	74	352	
6-15 miles	146	0	327	
16-25 miles	23	0	74	
26-50 miles	74	14	86	
51-100 miles	0	0	0	
More than 100 miles	219	0	14	
No answer	208	14	14	
Total	1,775	1,162	1,162	2,937

Table 119. Estimated number of ownership units and acres of forest land, by primary and secondary reason for owning forest land , Plains, 1993

Reason	Primary reason		Secondary reason	
	Number	Percent	Number	Percent
(In owners)				
Land investment	100	W	100	W
Recreation	7,400	7	3,000	3
Timber production	800	1	700	1
Farm and domestic use	18,400	16	5,800	5
Esthetic enjoyment	2,700	2	4,900	4
Part of farm	61,300	54	5,400	5
Part of residence	18,000	16	4,200	4
Estate	100	W	100	W
Other	3,500	3	1,400	1
No secondary reason given	-	-	85,800	76
No answer	1,300	1	1,300	1
Total	113,500	100	113,500	100
(In thousands of acres)				
Land investment	36	1	73	2
Recreation	340	12	197	7
Timber production	96	3	107	4
Farm and domestic use	494	17	257	9
Esthetic enjoyment	171	6	320	11
Part of farm	1,242	42	137	5
Part of residence	312	11	204	7
Estate	27	1	143	5
Other	144	5	83	3
No secondary reason given	-	-	1,340	46
No answer	74	2	74	3
Total	2,937	100	2,937	100

W-Fewer than 50 owners or less than 0.5 percent.

Table 120. Estimated number of ownership units and acres of forest land, by primary benefit expected in the next 10 years and past harvest experience, Plains, 1993

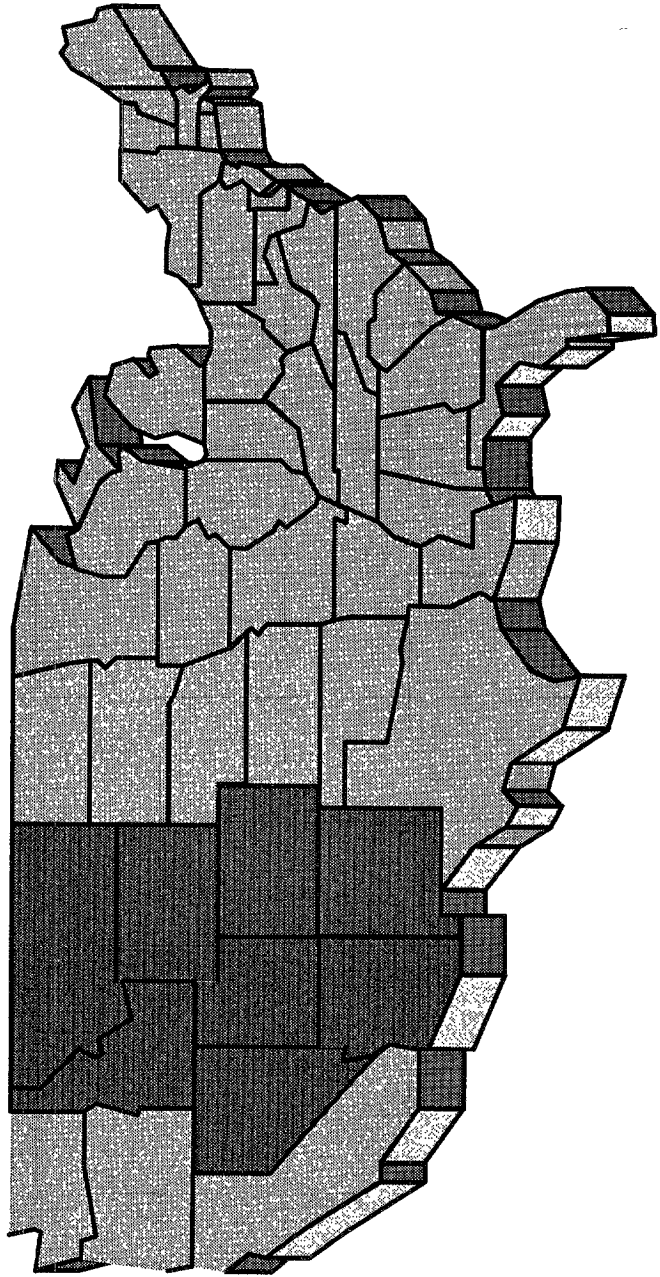
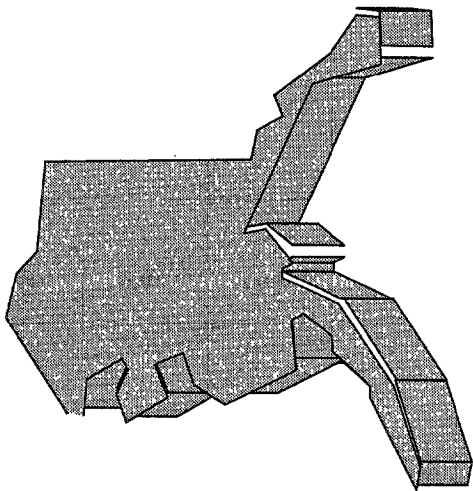
Benefits expected	Harvest Experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Land value increase	1,000	3	400	1	1,400	49.9
Recreation	3,500	9	900	1	4,400	45.5
Income from timber	800	2	200	W	1,000	47
Farm and domestic use	22,000	57	19,700	26	41,700	37
Esthetic enjoyment	8,800	23	7,600	10	16,500	25.1
Firewood	1,200	3	200	W	1,400	47.6
Other	1,100	3	13,400	18	14,400	82.7
No answer	100	W	32,600	43	32,600	74.6
Total	38,500	100	75,000	100	113,500	26.6
SE	32.6		37.6		26.6	
(In thousands of acres)						
Land value increase	170	9	49	5	219	38.1
Recreation	280	14	111	11	391	26.4
Income from timber	241	12	23	2	264	34.3
Farm and domestic use	614	31	273	28	887	15.7
Esthetic enjoyment	405	21	243	25	648	19
Firewood	124	6	14	1	138	40.1
Other	96	5	95	10	191	37.2
No answer	37	2	161	17	198	38.6
Total	1,967	100	969	100	2,937	0.3
SE	7.1		14.5		0.3	

W-Fewer than 50 owners or less than 0.5 percent.

Table 121. Estimated number of ownership units and acres of forest land, by size class and intention to harvest, Plains, 1993

Size class (acres)	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
(In owners)										
1-9	0	0	24,200	62	19,100	57	23,200	93	66,500	46.1
10-19	1,500	9	3,800	10	8,300	25	0	0	13,700	42
20-49	6,100	37	6,700	17	4,000	12	1,600	7	18,400	22.5
50-99	5,000	31	2,500	6	900	3	0	0	8,400	20
100-199	2,400	15	1,400	3	900	3	0	0	4,600	21.5
200-499	700	5	400	1	100	W	0	0	1,200	29.4
500-999	400	2	100	W	100	W	0	0	600	27.5
1000-4999	100	1	0	0	0	0	0	0	100	52.2
5000+	W	W	0	0	0	0	0	0	W	100
Subtotal over 10	16,300	100	14,900	38	14,300	43	1,600	7	47,000	13.2
Total	16,300	100	39,100	100	33,400	100	24,800	100	113,500	26.6
SE	18.7		44.4		36.1		93.6		26.6	
(In thousands of acres)										
1-9	0	0	73	9	86	15	23	31	182	41.7
10-19	23	1	51	6	95	16	0	0	169	41.9
20-49	174	12	184	22	133	23	51	69	542	21.5
50-99	369	25	182	22	74	13	0	0	625	19.9
100-199	285	20	164	20	101	17	0	0	551	20.5
200-499	203	14	109	13	27	5	0	0	339	28
500-999	241	17	73	9	60	10	0	0	374	27.1
1000-4999	119	8	0	0	0	0	0	0	119	50.9
5000+	36	2	0	0	0	0	0	0	36	100
Subtotal over 10	1,451	100	763	91	490	85	51	69	2,755	2.8
Total	1,451	100	836	100	576	100	74	100	2,937	0.3
SE	10.3		16.3		21.1		61.9		0.3	

W- Fewer than 50 owners or less than 0.5 percent.



Rocky Mountain Tables

Table 122. Estimated number of ownership units and acres of forest land, by size class and form of ownership, Rocky Mountain, 1993

Size class (acres)	Ownership class						Total	SE
	Individual	Percent	Corporation	Percent	Other	Percent		
(In owners)								
1-9	138,800	55	0	0	0	0	138,800	29.5
10-19	57,700	23	1,900	19	2,500	22	62,200	25.6
20-49	24,600	10	1,200	12	4,100	36	29,900	25.4
50-99	11,100	4	3,200	33	2,600	23	16,900	20.6
100-199	8,600	3	2,000	20	200	2	10,800	17.4
200-499	6,900	3	600	6	900	7	8,400	20.3
500-999	1,600	1	300	3	400	4	2,300	16.7
1000-4999	1,100	W	600	6	500	4	2,100	11.1
5000+	500	W	100	1	100	1	700	62.6
Sub total over 10	112,200	45	10,000	100	11,200	100	133,400	12.9
Total	251,000	100	10,000	100	11,200	100	272,200	15.8
SE	17.2		28		32.4		15.8	
(In thousands of acres)								
1-9	642	7	0	0	0	0	642	31.7
10-19	620	7	29	1	25	W	674	27.8
20-49	697	8	36	1	134	1	867	27.6
50-99	757	9	207	4	165	1	1,129	23.8
100-199	1,085	13	257	5	36	W	1,378	18.1
200-499	1,425	17	176	3	232	2	1,833	17.2
500-999	1,000	12	242	4	312	2	1,554	17
1000-4999	1,727	20	1,121	21	760	6	3,608	11.3
5000+	538	6	3,393	62	11,800	88	15,731	5.8
Subtotal over 10	7,850	93	5,462	100	13,464	100	26,776	0.8
Total	8,492	100	5,462	100	13,464	100	27,418	0.2
SE	9.2		12.5		7		0.2	

W- Fewer than 50 owners or less than 0.5 percent.

Table 123. Estimated number of ownership units and acres of forest land, by form of ownership and past harvest experience, Rocky Mountain, 1993

Form of ownership	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Individual + joint	96,800	95	154,200	90	251,000	17.2
Partnership	900	1	8,600	5	9,400	36.3
Corporation	3,700	4	6,200	4	10,000	28.3
Club/association	0	0	0	0	0	0
Other	100	W	1,700	1	1,800	70.4
Total	101,500	100	170,600	100	272,200	15.8
SE	24.7		21.4		15.8	
(In thousands of acres)						
Individual + joint	5,169	24	3,323	58	8,492	9.2
Partnership	1,193	5	704	12	1,897	17
Corporation	4,166	19	1,297	23	5,462	12.5
Club/association	0	0	0	0	0	0
Other	11,177	51	389	7	11,567	8.5
Total	21,705	100	5,712	100	27,418	0.2
SE	2.6		10		0.2	
W-Fewer than 50 owners or less than 0.5 percent						

W-Fewer than 50 owners or less than 0.5 percent

Table 124. Estimated number of ownership units and acres of forest land, by incorporated and unincorporated businesses and past harvest experience, Rocky Mountain, 1993

Nature of business	Harvest				Total	SE
	Harvested	Percent	Did not harvest	Percent		
	(In owners)					
Incorporated:						
Forest industry	100	W	0	0	100	81.2
Farm	1,700	2	2,400	1	4,100	49
Industrial business	100	W	1,000	1	1,100	67.2
Real estate	300	W	1,300	1	1,700	62.1
Sport/ recreation club	1,500	1	1,500	1	3,000	54
Other	100	W	W	W	100	57.1
Total corporate	3,700	4	6,200	4	10,000	28.3
Unincorporated:						
Forest industry	W	W	0	0	W	28.7
Farm	20,900	21	43,000	25	63,900	21.5
Misc. individual	76,700	75	113,900	67	190,600	21.8
Real estate	W	W	1,900	1	1,900	69.6
Nonindustrial business	0	0	100	W	100	70.1
Sport/ recreation club	0	0	700	W	700	100
Other	200	W	4,800	3	5,000	57.6
Total noncorporate	97,800	96	164,400	96	262,200	16.4
Total	101,500	100	170,600	100	272,200	15.8
SE	24.7		21.4		15.8	
(In thousands of acres)						
Incorporated:						
Forest industry	1,491	7	0	0	1,491	33.6
Farm	1,815	8	727	13	2,543	17.9
Industrial business	148	1	169	3	317	34.1
Real estate	90	W	189	3	279	36
Sport/ recreation club	329	1	183	3	512	40.7
Other	292	1	29	1	320	72.4
Total corporate	4,166	19	1,297	23	5,462	12.5
Unincorporated:						
Forest industry	7,933	37	0	0	7,933	19.5
Farm	5,024	23	2,420	42	7,444	8.2
Misc. individual	1,208	5	1,492	26	2,700	17
Real estate	87	W	151	3	238	52.8
Nonindustrial business	0	0	51	1	51	74.7
Sport/ recreation club	0	0	29	1	29	100
Other	3,288	15	273	5	3,561	33.3
Total noncorporate	17,540	81	4,416	77	21,955	3.1
Total	21,705	100	5,712	100	27,418	0.2
SE	2.6		10		0.2	

W- Fewer than 50 owners or less than 0.5 percent

Table 125. Estimated number of ownership units and acres of forest land, by occupation class and intention to harvest, Rocky Mountain, 1993

Occupation	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
	(In owners)									
Professional	11,700	16	12,400	23	28,900	20	0	0	53,000	35.9
Managers	16,000	22	19,000	35	2,300	1	0	0	37,300	52.2
Other White collar	1,100	1	W	W	29,100	20	0	0	30,200	85
All white collar	28,800	40	31,400	59	60,300	41	0	0	120,500	30.7
Craftsmen	7,600	11	W	W	18,200	12	0	0	25,800	53.4
Blue collar	0	0	0	0	1,100	1	0	0	1,100	94.6
All blue collar	7,600	11	W	W	19,300	13	0	0	26,900	51.4
Farmers	10,200	14	6,400	12	22,300	15	0	0	38,900	29.5
Service workers	100	W	6,000	11	8,500	6	0	0	14,600	71.2
Homemaker	0	0	600	1	2,800	2	0	0	3,400	76.7
Retired	18,400	25	5,300	10	21,100	15	1,200	96	45,900	29.4
No answer	200	W	100	W	300	W	0	0	700	54.2
All other owners	6,500	9	3,800	7	10,800	7	W	4	21,200	21.4
Total	71,900	100	53,700	100	145,400	100	1,200	100	272,200	15.8
SE	21.9		38.5		24.9		84.1		15.8	
	(in thousands of acres)									
Professional	426	2	366	12	277	8	0	0	1,069	21.8
Managers	489	2	355	12	218	6	0	0	1,062	23.8
Other white collar	148	1	36	1	113	3	0	0	297	40.5
All white collar	1,063	5	757	25	608	17	0	0	2,428	15.7
Craftsmen	126	1	30	1	73	2	0	0	229	46
Blue collar	0	0	0	0	79	2	0	0	79	100
All blue collar	126	1	30	1	151	4	0	0	307	46
Farmers	2,061	10	606	20	794	22	0	0	3,461	12
Service workers	30	W	30	1	76	2	0	0	136	66
Homemaker	0	0	25	1	87	2	0	0	112	53.2
Retired	905	4	333	11	490	14	87	48	1,815	17.4
No answer	141	1	65	2	25	1	0	0	232	39
All other owners	16,336	79	1,135	38	1,360	38	95	52	18,926	4.1
Total	20,661	100	2,983	100	3,592	100	182	100	27,418	0.2
SE	3.2		14.2		12.5		47.5		0.2	

W-Fewer than 50 owners or less than 0.5 percent

Table 126. Estimated number of ownership units and acres of forest land, by age class and past harvest experience, Rocky Mountain, 1993

Age	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Under 25	600	1	0	0	600	98.6
25-34	200	W	400	W	600	68.7
35-44	23,200	23	40,700	24	63,900	32.4
45-54	19,900	19	25,800	15	45,700	44.9
55-64	30,500	30	57,000	33	87,500	35.7
65 or over	22,300	22	30,100	18	52,400	26.7
No answer	200	W	100	W	300	62.5
All other owners	4,700	5	16,500	10	21,200	21.4
Total	101,600	100	170,600	100	272,200	15.8
SE	24.7		21.4		15.8	
(In thousands of acres)						
Under 25	76	W	0	0	76	80.2
25-34	135	1	25	W	160	57.8
35-44	630	3	381	7	1,012	23.4
45-54	656	3	876	15	1,532	17.4
55-64	1,265	6	1,042	18	2,407	14.8
65 or over	2,212	10	937	16	3,149	14
No answer	86	W	62	1	156	45.4
All other owners	16,536	76	2,390	42	18,926	4.1
Total	21,705	100	5,712	100	27,418	0.2
SE	2.6		10		0.2	

W-Fewer than 50 owners of less than 0.5 percent

Table 127. Estimated number of ownership units and acres of forest land, by date of acquisition and form of ownership, Rocky Mountain, 1993

Date of acquisition	Ownership class					Total	SE
	Forest industry	Farmer	Miscellaneous: Individual	Corporation	Other		
(In owners)							
1990-1994	0	7,000	43,200	1,300	200	51,700	35.8
1980-1989	W	5,500	33,300	900	3,900	43,700	31.2
1970-1979	0	16,800	90,900	1,500	600	109,900	32.7
1960-1969	100	15,400	4,100	1,600	1,400	22,500	29.2
1950-1959	W	8,100	3,200	100	1,300	12,600	48.3
1940-1949	0	6,700	4,200	W	400	11,300	39.9
1901-1939	W	2,100	10,900	W	W	13,100	71.4
Prior to 1900	W	200	0	300	W	500	57.1
No answer	0	6,100	800	0	0	6,900	74.6
Total	100	68,000	190,600	5,800	7,700	272,200	15.8
SE	66.4	20.3	21.8	34.8	42.3	15.8	
(In thousands of acres)							
1990-1994	0	577	544	372	50	1,543	22.8
1980-1989	210	1,660	685	109	191	2,855	17.1
1970-1979	0	1,524	854	254	25	2,657	14.3
1960-1969	76	1,743	262	309	102	2,493	14.8
1950-1959	153	1,110	50	172	50	1,536	18.1
1940-1949	0	1,132	163	73	73	1,440	19.5
1901-1939	720	1,291	154	62	334	2,561	25.8
Prior to 1900	8,264	518	0	79	2,939	11,799	8.9
No answer	0	433	73	0	28	533	30.1
Total	9,424	9,987	2,787	1,429	3,792	27,418	0.2
SE	16.9	8	17.1	23.5	31.9	0.2	

W-fewer than 50 owners or less than 0.5 percent

Table 128. Estimated number of ownership units and acres of forest land, by distance from tracts, Rocky Mountain, 1993

Distance	Tracts			Total
	1 tract	More than one tract		
		Nearest tract	Farthest tract	
		(In owners)		
Less than 1 mile	35,600	28,800	9,400	
2-5 miles	41,800	3,300	11,200	
6-15 miles	9,700	5,700	5,300	
16-25 miles	1,700	2,200	200	
26-50 miles	18,900	1,700	6,800	
51-100 miles	28,200	2,300	2,600	
More than 100 miles	65,200	16,100	24,700	
No answer	10,600	300	400	
Total	211,700	60,500	60,500	272,200
		(In thousands of acres)		
Less than 1 mile	2,242	7,742	900	
2-5 miles	517	903	1,093	
6-15 miles	731	1,300	1,266	
16-25 miles	313	258	435	
26-50 miles	513	985	1,604	
51-100 miles	356	380	2,168	
More than 100 miles	1,301	1,090	5,162	
No answer	738	8,049	8,079	
Total	6,711	20,707	20,707	27,418

Table 129. Estimated number of ownership units and acres of forest land, by primary and secondary reason for owning forest land , Rocky Mountain, 1993

Reason	Primary reason		Secondary reason	
	Number	Percent	Number	Percent
(In owners)				
Land investment	12,800	5	9,300	4
Recreation	44,500	16	32,900	12
Timber production	400	W	11,000	4
Farm and domestic use	18,000	7	14,300	5
Esthetic enjoyment	67,300	25	12,900	5
Part of farm	16,200	6	1,800	1
Part of residence	43,300	16	34,500	13
Estate	20,000	7	22,800	8
Other	49,000	18	21,900	8
No secondary reason given	-	-	110,100	40
No answer	600	W	600	W
Total	272,200	100	272,200	100
(In thousands of acres)				
Land investment	1,157	4	1,372	5
Recreation	2,486	9	2,986	11
Timber production	4,986	18	2,702	10
Farm and domestic use	6,436	23	1,214	4
Esthetic enjoyment	1,426	5	981	4
Part of farm	2,785	10	985	4
Part of residence	1,249	5	747	3
Estate	529	2	1,213	4
Other	5,681	21	5,902	22
No secondary reason given	-	-	8,633	31
No answer	682	2	682	2
Total	27,418	100	27,418	100
W-Fewer than 50 owners or less than 0.5 percent				

Table 130. Estimated number of ownership units and acres of forest land, by primary benefit expected in the next 10 years and past harvest experience, Rocky Mountain, 1993

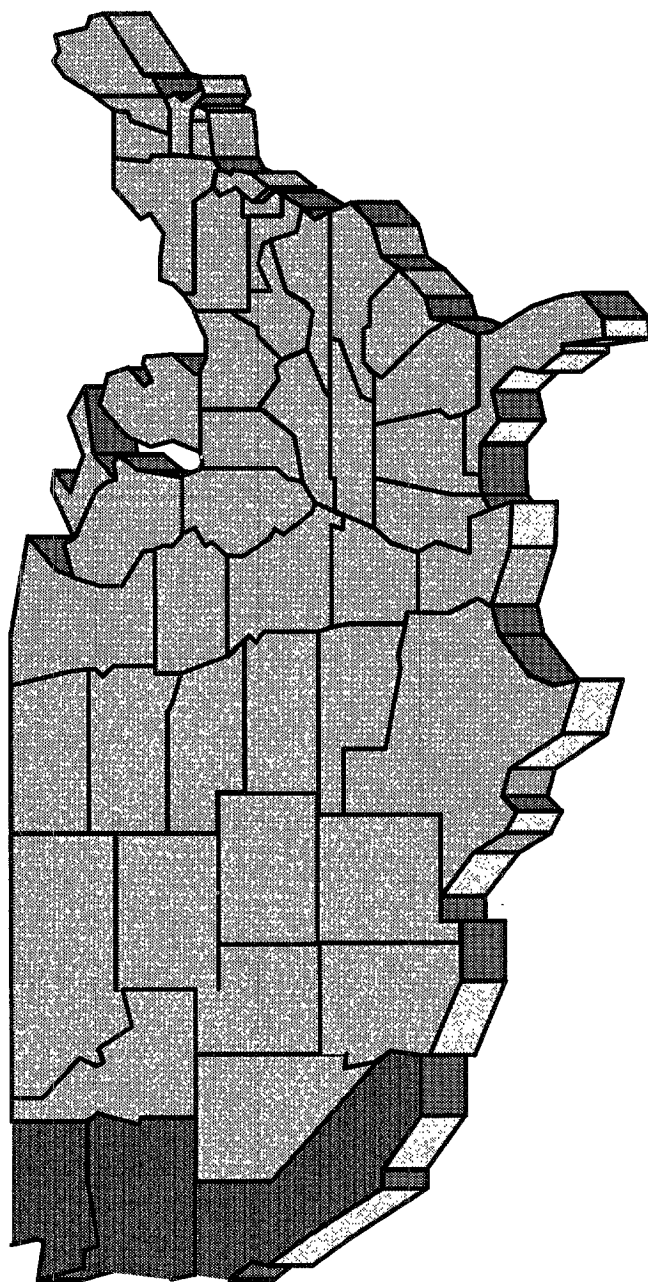
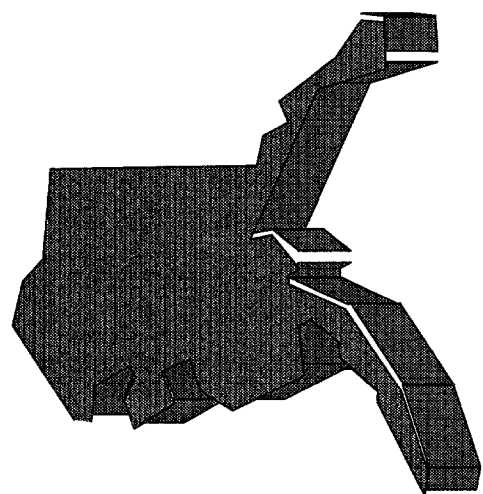
Benefits expected	Harvest Experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Land value increase	7,000	7	8,300	5	15,300	31.1
Recreation	6,300	6	40,200	23	46,600	57.4
Income from timber	1,900	2	300	W	2,200	42.6
Farm and domestic use	10,000	10	13,400	8	23,400	31
Esthetic enjoyment	42,900	42	64,100	37	107,000	25.8
Firewood	800	1	100	W	900	74.6
Other	31,900	31	31,800	19	63,600	31.3
No answer	900	1	12,400	7	13,300	54.3
Total	101,600	100	170,600	100	272,200	15.8
SE	24.7		21.4		15.8	
(In thousands of acres)						
Land value increase	1,084	5	605	11	1,689	16.9
Recreation	2,715	13	929	16	3,644	23.7
Income from timber	4,874	22	163	3	5,037	25.4
Farm and domestic use	6,823	31	932	16	7,755	26.2
Esthetic enjoyment	1,346	6	1,462	26	2,809	16.4
Firewood	134	1	29	1	163	48.6
Other	4,124	19	1,231	21	5,356	22.6
No answer	604	3	360	6	964	33.7
Total	21,705	100	5,712	100	27,418	0.2
SE	2.6		10		0.2	

W-Fewer than 50 owners or less than 0.5 percent.

Table 131. Estimated number of ownership units and acres of forest land, by size class and intention to harvest, Rocky Mountain, 1993

Size class (acres)	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
(In owners)										
1-9	25,300	35	32,900	61	80,600	55	0	0	138,800	29.5
10-19	13,900	19	3,200	6	45,200	31	0	0	62,200	25.6
20-49	17,200	24	6,100	11	5,500	4	1,000	84	29,900	25.4
50-99	4,400	6	5,000	9	7,600	5	0	0	16,900	20.6
100-199	4,400	6	2,600	5	3,800	3	0	0	10,800	17.4
200-499	3,700	5	2,600	5	2,000	1	100	12	8,400	20.3
500-999	1,700	2	400	1	200	W	W	3	2,300	16.7
1000-4999	1,100	1	500	1	500	W	0	0	2,100	11.1
5000+	200	W	500	1	W	W	W	1	700	62.6
Subtotal over 10	46,500	65	20,800	39	64,800	45	1,200	100	133,400	12.9
Total	71,900	100	53,700	100	145,400	100	1,200	100	272,200	15.8
SE	21.9		38.5		24.9		84.1		15.8	
(In thousands of acres)										
1-9	142	1	131	4	369	10	0	0	642	31.7
10-19	148	1	50	2	475	13	0	0	674	27.8
20-49	461	2	165	5	190	5	50	28	867	27.6
50-99	319	1	330	11	480	13	0	0	1,129	23.8
100-199	573	3	358	12	446	12	0	0	1,378	18.1
200-499	1,010	5	528	18	259	7	36	20	1,833	17.2
500-999	1,139	5	255	9	131	4	29	16	1,554	17
1000-4999	1,945	9	859	29	804	22	0	0	3,608	11.3
5000+	14,923	72	305	10	436	12	66	36	15,731	5.8
Subtotal over 10	20,519	99	2,852	96	3,223	90	182	100	26,776	0.8
Total	20,661	100	2,983	100	3,592	100	182	100	27,418	0.2
SE	3.2		14.2		12.5		47.5		0.2	

W- Fewer than 50 owners or less than 0.5 percent.



Pacific Coast Tables

Table 132. Estimated number of ownership units and acres of forest land, by size class and form of ownership, Pacific Coast, 1993

Size class (acres)	Ownership class						Total	SE
	Individual	Percent	Corporation	Percent	Other	Percent		
	(In owners)							
1-9	364,400	63	2,700	22	28,200	55	395,300	18.2
10-19	76,800	13	0	0	2,700	5	79,400	16.2
20-49	76,500	13	3,200	25	9,400	18	89,100	9.6
50-99	34,700	6	2,400	19	5,800	11	42,800	23
100-199	18,700	3	1,400	11	2,200	4	22,400	22.3
200-499	6,100	1	1,200	9	1,400	3	8,700	10
500-999	2,100	W	700	6	600	1	3,500	10.7
1000-4999	1,800	W	600	5	400	1	2,800	20.5
5000+	100	W	300	2	100	W	500	12.3
Sub total over 10	216,700	37	9,900	78	22,600	45	249,200	6.8
Total	581,100	100	12,600	100	50,800	100	644,600	11.2
SE	12.3		27,300		29.1		11.2	
	(In thousands of acres)							
1-9	956	6	13	W	154	2	1,123	16.7
10-19	921	6	0	0	29	W	950	17.7
20-49	2,308	15	93	W	304	4	2,705	12.2
50-99	2,370	16	145	1	355	5	2,870	29.1
100-199	2,435	16	172	1	301	4	2,908	28.6
200-499	1,738	12	322	1	403	5	2,463	11.7
500-999	1,342	9	481	2	375	5	2,198	12.8
1000-4999	1,972	13	1,151	5	771	11	3,893	9.6
5000+	791	5	21,301	90	4,629	63	26,721	5.9
Subtotal over 10	13,877	94	23,664	100	7,168	98	44,709	0.6
Total	14,833	100	23,678	100	7,322	100	45,833	0.4
SE	9.3		7.7		15.2		0.4	

W- Fewer than 50 owners or less than 0.5 percent.

Table 133. Estimated number of ownership units and acres of forest land, by form of ownership and past harvest experience, Pacific Coast, 1993

Form of ownership	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Individual + joint	270,400	90	310,700	90	581,100	12.3
Partnership	12,000	4	11,200	3	23,200	26.2
Corporation	3,700	1	9,000	3	12,600	27.3
Club/association	800	W	10,500	3	11,300	86.4
Other	12,600	4	3,700	1	16,300	57.4
Total	299,300	100	345,200	100	644,600	11.2
SE	15.4		16.8		11.2	
(In thousands of acres)						
Individual + joint	10,383	26	4,450	67	14,833	9.3
Partnership	3,193	8	704	11	3,897	16.1
Corporation	22,443	57	1,235	19	23,678	7.7
Club/association	113	W	58	1	171	39.5
Other	3,055	8	199	3	3,253	30.7
Total	39,186	100	6,647	100	45,833	0.4
SE	1.4		8		0.4	
W-Fewer than 50 owners or less than 0.5 percent						

Table 134. Estimated number of ownership units and acres of forest land, by incorporated and unincorporated businesses and past harvest experience, Pacific Coast, 1993

Nature of business	Harvest				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Incorporated:						
Forest industry	900	W	0	0	900	40.4
Farm	1,100	W	4,300	1	5,400	31.2
Industrial business	100	W	600	W	600	58
Real estate	200	W	4,100	1	4,300	68.2
Non-industrial	W	W	0	0	W	95.7
Sport/ recreation club	500	W	0	0	500	91.5
Public utility	W	W	0	0	W	79.2
Other	800	W	W	W	900	41.8
Total corporate	3,700	1	9,000	3	12,600	27.3
Unincorporated:						
Forest industry	100	W	0	0	100	36.7
Farm	61,900	21	31,500	9	93,500	27.1
Misc. individual	205,400	69	276,600	80	482,000	14
Industrial business	300	W	3,000	1	3,300	81
Real estate	2,200	1	2,900	1	5,100	46.6
Nonindustrial business	5,000	2	3,300	1	8,300	50.7
Sport/ recreation club	6,500	2	10,600	3	17,000	61.7
Other	14,300	5	8,300	2	22,600	49.1
Total noncorporate	295,700	99	336,200	97	631,900	11.5
Total	299,300	100	345,200	100	644,600	11.2
SE	15.4		16.8		11.2	
(In thousands of acres)						
Incorporated:						
Forest industry	12,176	31	0	0	12,176	13.9
Farm	1,015	3	730	11	1,745	15.8
Industrial business	329	1	182	3	510	58.5
Real estate	211	1	172	3	383	31.8
Non-industrial	59	W	0	0	59	100
Sport/ recreation club	140	W	0	0	140	45.6
Public utility	113	W	0	0	113	62
Other	8,399	21	152	2	8,551	11.9
Total corporate	22,443	57	1,235	19	23,678	7.7
Unincorporated:						
Forest industry	2,353	6	0	0	2,353	36.2
Farm	5,277	13	1,547	23	6,823	8.3
Misc. individual	5,635	14	3,138	47	8,773	12.7
Industrial business	396	1	66	1	462	71.2
Real estate	535	1	328	5	863	25.1
Nonindustrial business	161	W	32	W	193	35.6
Sport/ recreation club	264	1	87	1	351	29.1
Other	2,122	5	214	3	2,336	29.8
Total noncorporate	16,743	43	5,412	81	22,155	8.2
Total	39,186	100	6,647	100	45,833	0.4
SE	1.4		8		0.4	

W- Fewer than 50 owners or less than 0.5 percent

Table 135. Estimated number of ownership units and acres of forest land, by occupation class and intention to harvest , Pacific Coast, 1993

Occupation	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
(In owners)										
Professional	51,300	22	12,100	8	29,600	13	0	0	93,000	29
Managers	35,800	15	15,100	11	32,500	14	29,700	83	113,100	32.6
Other White collar	3,600	1	2,600	2	19,100	8	0	0	25,300	49.3
All white collar	90,700	38	29,900	21	81,100	35	29,700	83	231,400	20.3
Craftsmen	10,700	5	14,500	10	3,700	2	0	0	28,900	40.1
Blue collar	38,300	16	1,800	1	25,200	11	0	0	65,300	51.2
All blue collar	49,000	21	16,300	11	28,900	13	0	0	94,200	37.5
Farmers	12,200	5	3,300	2	10,200	4	400	1	26,000	31.7
Service workers	200	W	15,900	11	0	0	0	0	16,100	90.7
Homemaker	500	W	1,100	1	1,200	1	0	0	2,900	50.1
Retired	53,100	22	60,200	42	76,300	33	3,400	9	192,900	20.9
No answer	5,600	2	1,900	1	8,100	3	1,900	5	17,600	29
All other owners	24,700	10	15,000	10	23,300	10	400	1	63,400	23.8
Total	235,900	100	143,600	100	229,100	100	35,900	100	644,600	11.2
SE	20.3		19.6		17.8		81.7		11.2	
(in thousands of acres)										
Professional	1,040	3	379	7	326	8	0	0	1,745	13.8
Managers	1,087	3	684	13	329	8	82	12	2,182	12.9
Other white collar	170	W	52	1	140	3	0	0	362	28.4
All white collar	2,297	6	1,115	21	795	20	82	12	4,290	10.2
Craftsmen	347	1	111	2	81	2	0	0	539	22.2
Blue collar	413	1	123	2	98	2	0	0	635	21.5
All blue collar	760	2	234	4	180	4	0	0	1,173	16.3
Farmers	2,170	6	385	7	191	5	46	7	2,791	10.9
Service workers	36	W	85	1	0	0	0	0	121	43.3
Homemaker	23	W	20	W	62	1	0	0	108	46.9
Retired	2,393	7	1,659	31	1,152	29	86	13	5,290	18.7
No answer	432	1	213	4	250	6	163	24	1,059	17.3
All other owners	27,736	77	1,598	30	1,373	34	293	44	31,000	4.5
Total	35,847	100	5,313	100	4,003	100	670	100	45,833	0.4
SE	3		17.2		9.7		22		0.4	

W-Fewer than 50 owners or less than 0.5 percent

Table 136. Estimated number of ownership units and acres of forest land, by age class and past harvest experience, Pacific Coast, 1993

Age	Harvest experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Under 25	300	W	0	0	300	100
25-34	5,000	2	3,500	1	8,500	43.7
35-44	74,700	25	52,200	15	126,900	26.3
45-54	29,500	10	121,600	35	151,200	30
55-64	56,300	19	55,100	16	111,400	23.9
65 or over	101,400	34	76,000	22	177,500	21.8
No answer	3,200	1	2,300	1	5,400	40.3
All other owners	28,900	10	34,500	10	63,400	23.8
Total	299,300	100	345,200	100	644,600	11.2
SE	15.4		16.8		11.2	
(In thousands of acres)						
Under 25	23	W	0	0	23	100
25-34	122	W	94	1	217	33.9
35-44	1,182	3	612	9	1,795	13.7
45-54	1,412	4	1,252	19	2,663	11.5
55-64	1,967	5	975	15	2,942	11.4
65 or over	5,531	14	1,309	20	6,840	15.2
No answer	145	W	208	3	353	27.7
All other owners	28,803	73	2,197	33	31,000	4.5
Total	39,186	100	6,647	100	45,833	0.4
SE	1.4		8		0.4	

W-Fewer than 50 owners of less than 0.5 percent

Table 137. Estimated number of ownership units and acres of forest land, by date of acquisition and form of ownership, Pacific Coast, 1993

Date of acquisition	Ownership class					Total	SE
	Forest industry	Farmer	Miscellaneous:		Other		
			Individual	Corporation			
(In owners)							
1990-1994	W	4,600	107,700	2,800	7,100	122,200	31.3
1980-1989	100	22,900	167,700	2,000	13,900	206,500	21.7
1970-1979	200	17,500	97,000	500	12,000	127,200	21.5
1960-1969	300	8,100	54,400	W	6,400	69,100	27.9
1950-1959	100	30,000	34,800	200	2,400	67,400	37.8
1940-1949	100	10,600	8,100	W	W	18,900	25.6
1901-1939	W	2,700	2,400	600	1,400	7,000	26.4
Prior to 1900	100	300	1,100	0	100	1,600	43.8
No answer	300	2,300	21,100	200	600	24,500	77.1
Total	1,000	98,900	494,300	6,400	44,000	644,600	11.2
SE	36.1	25.7	13.6	47.5	33.3	11.2	
(In thousands of acres)							
1990-1994	171	446	845	62	144	1,668	16.1
1980-1989	426	1,234	1,704	2,490	436	6,290	20.9
1970-1979	261	1,740	2,052	6,453	285	10,791	14.5
1960-1969	370	1,322	1,167	87	255	3,201	12.2
1950-1959	1,178	1,290	2,356	147	129	5,099	21.7
1940-1949	1,781	699	544	66	29	3,119	21.1
1901-1939	2,020	745	238	215	802	4,021	18.9
Prior to 1900	8,202	554	104	63	1,487	10,410	17
No answer	120	538	252	172	149	1,231	20.7
Total	14,529	8,569	9,262	9,756	3,716	45,833	0.4
SE	10.5	7.6	12.2	10.2	21.1	0.4	

W-fewer than 50 owners or less than 0.5 percent

Table 138. Estimated number of ownership units and acres of forest land, by distance from tracts, Pacific Coast, 1993

Distance	Tracts			Total
	1 tract	More than one tract		
		Nearest tract	Farthest tract	
		(In owners)		
Less than 1 mile	300,400	68,300	38,500	
2-5 miles	16,300	7,200	8,500	
6-15 miles	12,500	4,900	9,000	
16-25 miles	17,900	2,600	3,900	
26-50 miles	12,300	7,100	10,000	
51-100 miles	7,800	3,400	5,500	
More than 100 miles	155,100	12,900	31,000	
No answer	12,000	3,900	3,900	
Total	534,400	110,200	110,200	644,600
		(In thousands of acres)		
Less than 1 mile	5,234	13,991	1,365	
2-5 miles	437	4,581	1,239	
6-15 miles	383	5,453	2,505	
16-25 miles	185	889	2,287	
26-50 miles	795	5,614	3,072	
51-100 miles	544	637	5,496	
More than 100 miles	2,072	2,165	17,379	
No answer	737	2,115	2,101	
Total	10,387	35,445	35,445	45,833

Table 139. Estimated number of ownership units and acres of forest land, by primary and secondary reason for owning forest land, Pacific Coast, 1993

Reason	Primary reason		Secondary reason	
	Number	Percent	Number	Percent
(In owners)				
Land investment	77,900	12	8,800	1
Recreation	52,400	8	44,700	7
Timber production	13,600	2	12,500	2
Farm and domestic use	21,100	3	51,800	8
Esthetic enjoyment	129,100	20	95,400	15
Part of farm	56,700	9	8,400	1
Part of residence	136,100	21	72,500	11
Estate	73,200	11	86,800	14
Other	80,500	13	9,200	1
No secondary reason given	-	-	250,600	39
No answer	3,800	1	3,800	1
Total	644,600	100	644,600	100
(In thousands of acres)				
Land investment	2,804	6	4,946	11
Recreation	2,705	6	2,945	6
Timber production	17,967	39	2,285	5
Farm and domestic use	2,871	6	5,140	11
Esthetic enjoyment	2,047	5	3,090	7
Part of farm	2,548	6	875	2
Part of residence	2,470	5	1,640	4
Estate	1,929	4	3,928	9
Other	9,268	20	1,345	3
No secondary reason given	-	-	18,414	40
No answer	1,223	3	1,223	3
Total	45,833	100	45,833	100

Table 140. Estimated number of ownership units and acres of forest land, by primary benefit expected in the next 10 years and past harvest experience, Pacific Coast, 1993

Benefits expected	Harvest Experience				Total	SE
	Harvested	Percent	Did not harvest	Percent		
(In owners)						
Land value increase	60,500	20	104,100	30	164,600	25.1
Recreation	11,300	4	59,100	17	70,400	46.3
Income from timber	12,000	4	6,200	2	18,200	21.4
Farm and domestic use	37,600	13	18,800	5	56,400	29.5
Esthetic enjoyment	125,000	42	116,900	34	241,900	17.4
Firewood	24,200	8	500	W	24,600	93.3
Other	15,600	5	25,400	7	41,000	28.4
No answer	13,200	4	14,200	4	27,400	42.1
Total	299,400	100	345,200	100	644,600	11.2
SE	15.4		16.8		11.2	
(In thousands of acres)						
Land value increase	2,003	5	1,752	26	3,755	10.5
Recreation	2,648	7	862	13	3,510	33.6
Income from timber	19,453	50	466	7	19,918	8.1
Farm and domestic use	2,307	6	477	7	2,784	11.2
Esthetic enjoyment	3,472	9	1,747	26	5,220	17.8
Firewood	165	W	14	W	179	32.2
Other	7,154	18	789	12	7,943	21.7
No answer	1,985	5	540	8	2,525	39.6
Total	39,186	100	6,647	100	45,833	0.4
SE	1.4		8		0.4	
W-Fewer than 50 owners or less than 0.5 percent						

Table 141. Estimated number of ownership units and acres of forest land, by size class and intention to harvest, Pacific Coast, 1993

Size class (acres)	Future harvest								Total	SE
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent		
(In owners)										
1-9	139,000	59	71,200	49	155,900	68	29,200	81	395,300	18.2
10-19	22,500	9	17,400	12	35,000	15	4,600	13	79,400	16.2
20-49	35,500	15	28,500	20	25,100	11	0	0	89,100	9.6
50-99	14,200	6	18,500	13	9,300	4	700	2	42,800	23
100-199	14,600	6	5,100	3	2,000	1	700	2	22,400	22.3
200-499	5,400	2	2,000	1	900	W	400	1	8,700	10
500-999	2,300	1	500	W	400	W	300	1	3,500	10.7
1000-4999	2,100	1	300	W	300	W	100	W	2,800	20.5
5000+	400	W	100	W	W	W	W	W	500	12.3
Subtotal over 10	96,900	41	72,400	51	73,200	32	6,700	19	249,200	6.8
Total	235,900	100	143,600	100	229,100	100	35,900	100	644,600	11.2
SE	20.3		19.6		17.8		81.7		11.2	
(In thousands of acres)										
1-9	361	1	268	5	465	12	29	4	1,123	16.7
10-19	275	1	221	4	393	10	62	9	950	17.7
20-49	1,073	3	855	16	778	19	0	0	2,705	12.2
50-99	925	3	1,310	25	579	14	57	8	2,870	29.1
100-199	1,924	5	658	12	260	6	67	10	2,908	28.6
200-499	1,497	4	570	11	271	7	125	19	2,463	11.7
500-999	1,466	4	333	6	227	6	172	26	2,198	12.8
1000-4999	2,481	7	583	11	700	17	129	19	3,893	9.6
5000+	25,845	72	516	10	331	8	29	4	26,721	5.9
Subtotal over 10	35,486	99	5,044	95	3,538	88	641	96	44,709	0.6
Total	35,847	100	5,313	100	4,003	100	670	100	45,833	0.4
SE	3		17.2		9.7		22		0.4	

W- Fewer than 50 owners or less than 0.5 percent.

Birch, Thomas W. 1996. **Private forest-land owners of the United States, 1994.**
Resour. Bull. NE-134. Radnor, PA: U.S. Department of Agriculture, Forest
Service, Northeastern Forest Experiment Station. 183 p.

A statistical analytical report on a mail canvass of private forest-land owners in the United States. It discusses landowner characteristics, attitudes, harvesting experience, tenure, and management planning.

Keywords: Forest-land ownership, timber harvesting



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