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In cooperation with
Natural Resource
Economics Division
Economic Research Service

The Private Forest-Land Owners of the United States



Abstract

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A report on a 1978 survey of private forest-land owners, based on 11,076 questionnaires. About 7.8 million ownership units hold 333 million acres of privately owned forest land in the United States. Regional and subregional breakdowns are included for such important variables as form of ownership; owner's occupation, age, sex, race, residence, and education; size class of ownership, etc. An important finding at the national level was that nearly half of the private forest land is in ownerships of greater than 500 acres; it is owned by less than 1 percent of the ownership units. These data are needed for policymakers to evaluate programs and forest industry will use them to forecast timber availability.

Acknowledgment

The 1978 landownership survey conducted by the Economic Research Service, U.S. Department of Agriculture, collected information about landownership for the country as a whole. A report, "Landownership in the United States, 1978" by James A. Lewis, was published in April 1980. The Natural Resource Economics Division then began to develop the forest ownership data set, which became available to Forest Service researchers in December 1980. Recognizing the importance of this data to the Resource Planning Act process, the Forest Service, with the cooperation of the Economic Research Service, prepared this report on the findings.

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Highlights

- An estimated 7.8 million private ownership units hold 333.1 million acres of forest land in the United States.
- Nearly half of the private forest land is in ownerships greater than 500 acres and is owned by less than 1 percent of the ownership units.
- Corporations, large partnerships, and estates own 34 percent, while farmers own 16 percent of the forest land, more than any other occupational group of individual owners.
- Retired people, nearly 23 percent of the private forest land owners, own 14 percent of the private forest land.
- Eighty percent of the private forest owners live or have business headquarters in the same county as a portion of their forest holdings. These ownership units hold 58 percent of the forest land.
- Over half of the private forest land was acquired by its present owner after 1950.

The Private Forest-Land Owners of the United States

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Introduction

This paper gives current estimates of the number and characteristics of the private forest-land ownership units² in the United States. Policymakers will find this information of value in evaluating programs; scientists will use it in research; forest industry will use it to forecast timber availability; and the general public will be better able to understand this diverse group of resource managers. The ownership of a resource such as forest land is the essential connecting link between people and the land. Landowners have rights and responsibilities regarding the land owned: 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 limits allowed or 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).

In 1977, private forest-land owners owned 72 percent of the commercial timberland in the United States. They provided three-fourths of the Nation's softwood harvest and most of the hardwood harvest, but there had been no nationwide estimate of their number since 1953 (USDA Forest Service 1958). Owners have been classified in various ways to determine whether their characteristics predict their ownership responses (Carpenter and Davis 1980). For instance, occupation, age, sex, residence, and education have all been explored in relation to management of forest land (Webster and Stoltenberg 1959, Quinney 1961, Anderson 1968, Stone 1969, Kingsley 1980). Reasons often given for owning forest land are investment, recreational use or esthetic enjoyment, timber production, and farm or domestic use (Barracough 1949, Babeau and others 1965, Canham 1973, Holemo and Brown 1975).

Past research has concluded: Farmers are more likely to have done some type of forest management than persons with other occupations; older owners are more likely to have harvested timber in the past; women and members of racial minorities tend to own smaller tracts of forest land; smaller ownerships are less likely to interest a timber buyer because of the diseconomies of small scale (Row 1978); where an owner resides in relation to his or her forest property and the owner's level of education are important to the delivery of various types of forestry education and technical assistance programs.

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²This term and others are defined in the appendix.

Data Collection

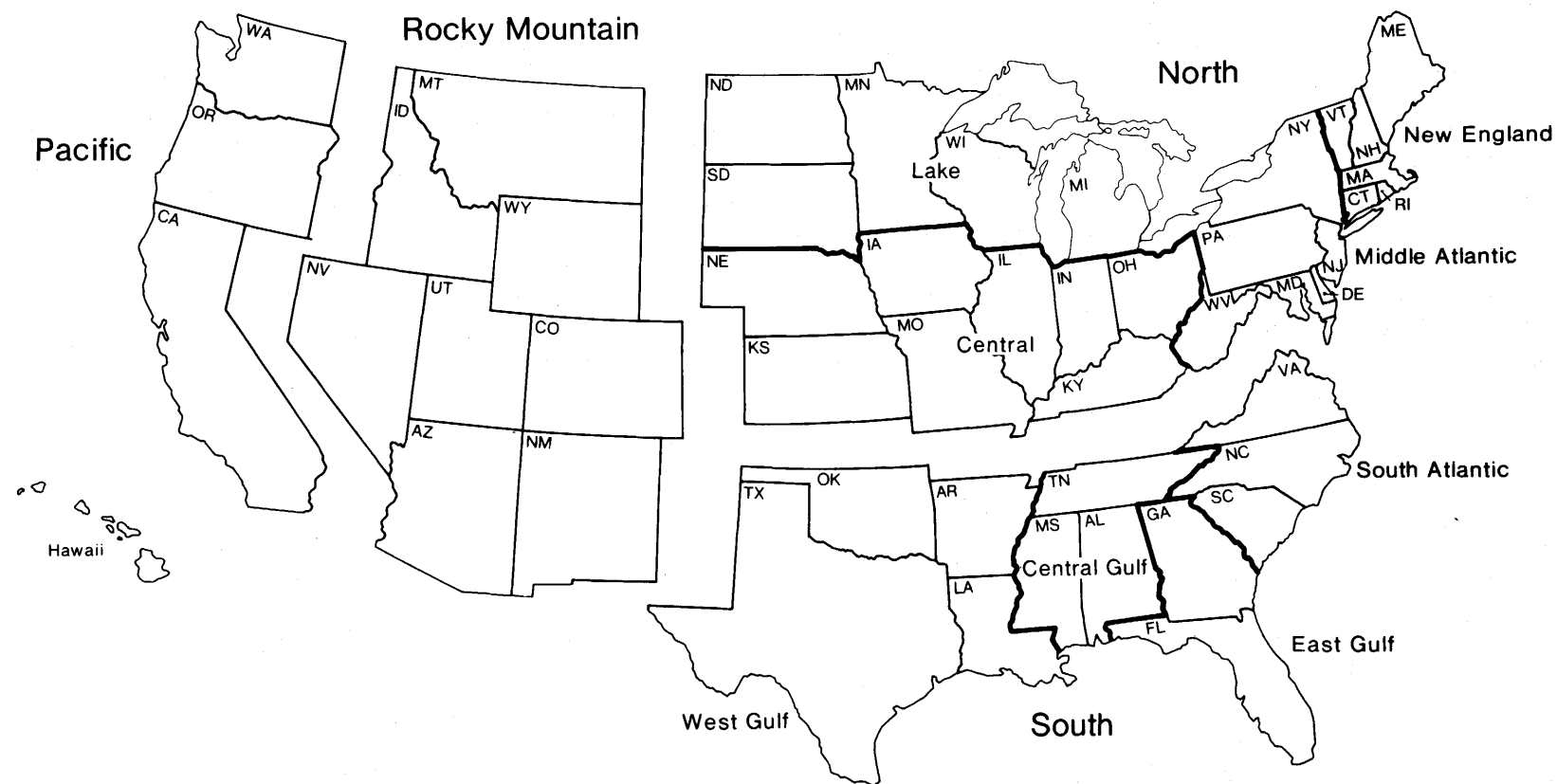
The 1978 land ownership survey, conducted by the Economic Research Service, U.S. Department of Agriculture (Lewis 1980), collected information about the land inventory and characteristics of owners of all types of land. Landowners for the forest-land part of the study were selected from the same statistical sample designed for the Natural Resource Inventory of private lands, conducted by the USDA Soil Conservation Service. The National Resource Inventory system was used because it permitted a direct linkage of the ownership data collected with resource and landowner data collected in 1977.

In this study an ownership unit refers to persons, combinations of persons, or legal entities, such as corporations, partnerships, clubs, and trusts. 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 measuring ownership units and not owners.

Landowners were selected by a stratified random sample in which every county was divided into primary sampling units based on land area. Primary sampling units were generally 160 acres. About 70,000 primary sampling units were selected nationwide; the Soil Conservation Service gathered information such as land use to meet Natural Resource Inventory objectives. Soil Conservation Service personnel obtained the name and address of the owner of each primary sampling unit. Ownership of about 5,000 samples could not be determined and about 12,000 samples were found to be in public ownership. Thus about 52,000 samples of privately held land were identified with the owners' names and addresses. The survey had two phases—mail and telephone with limited interviews, and a followup using telephone and personal interviews. Over 37,000 usable questionnaires were returned. This paper is based on 11,076 questionnaires in which the landowner reported ownership of forest land. The questionnaire used for the study is included in the appendix.

The data are presented in this report nationally and by the four major forest regions of the country: North, South, Rocky Mountain, and Pacific (fig. 1); the data for the Pacific region do not include Alaska. The North is divided into four subregions: New England, Mid-Atlantic, Lake States, and Central States. The South is also divided into four subregions: South Atlantic, East Gulf, Central Gulf, and West Gulf. Data tabulations for these regions and subregions are presented at the end of this report.

Figure 1—Regions and subregions of the country for private forest-land owners of the United States, 1978.



The Private Forest-Land Owners

An estimated 7,757,000 private forest-land ownership units held 333.1 million acres of forest land in the United States in 1978. These owners are diverse in legal organization, economic circumstances, and personal characteristics.

Eighty-eight percent of the private ownership units are sole proprietors or family ownerships (husbands and wives, excluding partnerships and corporations), and they collectively hold 55 percent of the private forest land (table 1). The average holding for this group of owners is 27 acres. The average size of holding differs considerably among the geographic regions of the country, ranging from 17 acres in the Pacific region to 82 acres in the Rocky Mountain region.

Other types of family ownerships include partnerships with family members and family corporations (fig. 2). An estimated 5 percent of the private owners are included in these ownerships and they have 12 percent of the private forest land. The average holding for these owners is 97 acres. These types of ownership could well increase in the years ahead as more sole proprietors and families incorporate to take advantage of income and inheritance tax benefits (Lin and others 1980).

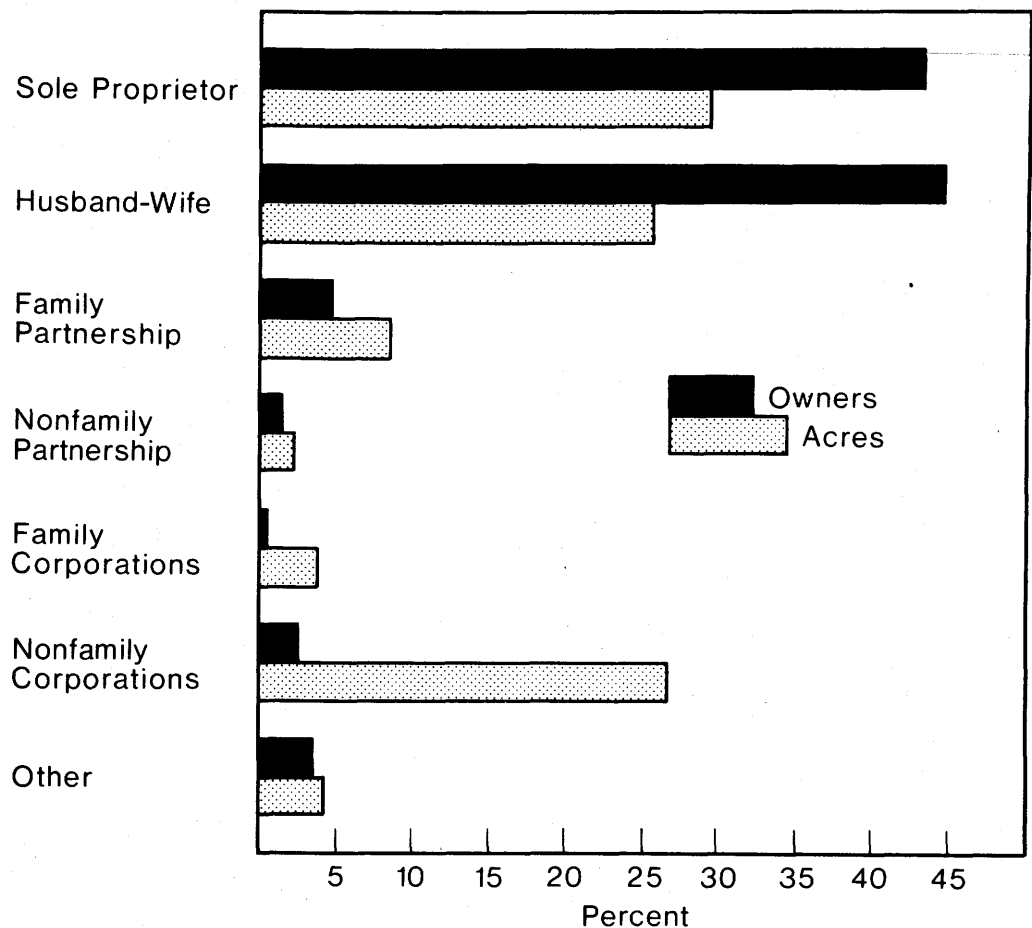


Figure 2—Distribution of private ownerships, by form of ownership, 1978.

Only 1.4 percent of the owners are nonfamily partnerships. These owners hold slightly more than 2 percent of the private forest land. The proportion of the forest land in this type of ownership differs among the regions of the country. The Pacific region has more than 5 percent of forest land in partnerships with nonfamily members, while the South has less than 2 percent of the forest land in these ownerships. Some of the forest industry ownerships are in this group, with small sawmills often using this type of business organization.

Corporations other than family corporations make up an estimated 2.5 percent of the ownerships but own 27 percent of the private forest land. Over half of the corporate forest acreage of the country is in the South, where corporations control 28 percent of the private forest land. In the Pacific region, over half of the private forest land is in corporate ownership. Nonfamily corporations have the largest average holding by type of owner, almost 450 acres.

Forest industries hold a major portion of the corporate land. Over half of the forest industry land is concentrated in the South, although there are major forest industry holdings in other regions of the country (USDA Forest Service 1980, Ellefson and Chopp 1979). Other corporations owning sizeable acreages of forest land include companies interested in subsurface materials (minerals, coal, oil, and natural gas), insurance companies, real estate firms, railroads, nonindustrial firms, corporate farms, public utilities, youth organizations, and sport and recreation clubs.

Other ownerships such as noncorporate sport and recreation clubs and undivided estates represent slightly more than 3 percent of the owners. Nearly 4 percent of the private forest land is in these ownerships. Sport and recreation clubs are an important ownership component in several States. For example, studies of their management objectives have been conducted in Pennsylvania, New York, and Michigan (Birch and Dennis 1980; Binkley and others 1980; and Baumgartner and Rudolph 1974). Undivided estates are also important in Kentucky and other areas of Southern Appalachia (Birch and Powell 1978) because of the constraints placed on the decisionmaking process and the inability to gain clear title to the land.

Individual Forest-Land Owners

Farmers own more forest land than any other group of individual owners (table 2). They control over 16 percent of the private forest land, although they are less than 7 percent of the ownership units. The average holding for farmers is over 100 acres. This does not include many owners who are part-time or retired farmers.

Retired people own 14 percent of the private forest land and represent nearly 23 percent of the private forest-land owners (fig. 3). The average holding of retired owners is 26 acres.

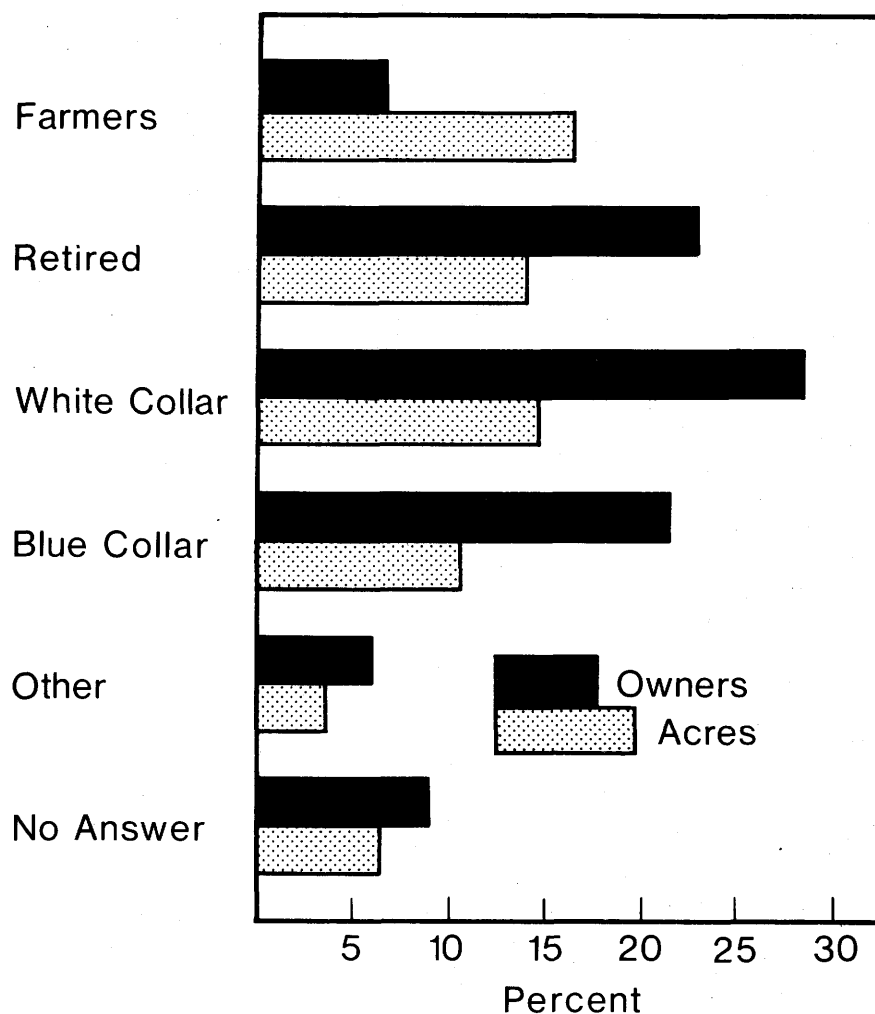


Figure 3—Distribution of individual ownerships, by owner's occupation, 1978.

The largest number of individual owners consists of white collar workers. They account for 28 percent of the private owners although they control only 15 percent of the private forest land. These owners are professionals (e.g., doctors, lawyers, and teachers), technical and kindred workers; managers and administrators; sales workers; and clerical and kindred workers. This group holds an average of 22 acres per owner.

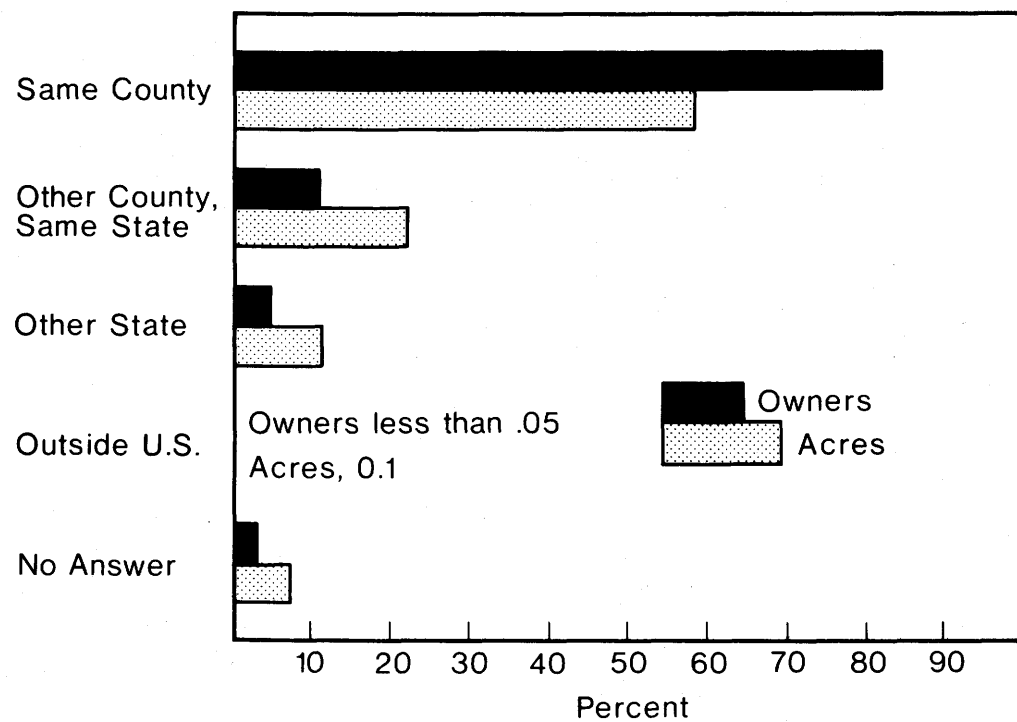
The remaining individual owners are blue collar workers, housewives, and other private owners. They represent over 27 percent of the private owners and hold 14 percent of the private forest land. Their average holding is also 22 acres per owner. Although two groups have the same average holding, they may not manage their resources in the same way.

Most forest owners are white, male, over 50 years of age, and live in the county of their forest holding (tables 3 to 6). This ownership profile is very similar for other land holdings regardless of land use (Lewis 1980). For instance, racial minority groups made up 5 percent of the private forest-land owners, while for all lands they were 2 percent. Although the percentage is higher for forest lands than for other lands, minority owners hold less than 2 percent of private forest land. Most of this was owned by black persons in the South.

The survey also revealed that 82 percent of the forest-land owners, owning 58 percent of the forest land, live or have business headquarters in the same county as a portion of their forest land (fig. 4). An even higher percentage live in the same State. This survey shows that foreign ownerships still account for only a small proportion of the total. Detailed information about foreign ownership of U.S. land is collected pursuant to the Agricultural Foreign Investment Disclosure Act of 1978 (DeBaal and Majchrowicz 1981).

Education levels for forest-land owners show a fairly wide distribution, similar to that of other landowners (Lewis 1980). As much forest land is owned by people with less than an eighth-grade education as by people who have graduated from college, 12 percent (table 7). However, the average holding increases with increasing education. Those with an eighth-grade education or less owned an average of 28 acres of forest land. Owners with college degrees owned an average of 39 acres of forest land. This suggests that a variety of information programs will be needed if all are to be informed of existing assistance programs.

Figure 4—Distribution of private ownerships, by owner's residence, 1978.



Indicators of Management Potential

The more forest land an individual owns, the more likely he or she is to manage timber actively (Webster and Stoltenberg 1959, Thompson and Jones 1981). Even in the heavily populated northeast most owners of more than 500 acres of forest land intend to harvest timber from their land at some time in the future (Kingsley 1976, Kingsley and Birch 1977, Birch and Powell 1978, Birch and Kingsley 1978, Kingsley and Birch 1980). Other indicators of interest in forest management activities can be the length of ownership and how the land was acquired.

Nearly half of the private forest land is in ownerships greater than 500 acres and about half of this is concentrated in the hands of owners who hold more than 10,000 acres of forest land (table 8). Most of these are forest-based industries.

An additional 30 percent of private forest land is in ownerships of 100 to 500 acres. Many of these ownerships could produce substantial amounts of timber on a continuing basis.

The remaining 21 percent of the private forest land is in ownerships of fewer than 100 acres and is concentrated in the northern and southern regions. These lands may not be the most important for timber production but they may be very important for other forest values. Location, size, and owner objectives may effectively remove these lands from the timber-producing base (Row 1978).

The most common method of acquisition of forest land was purchase from a nonrelative; nearly 58 percent of the private forest land was acquired in this way (table 9). The next most common way of acquiring forest land was by inheritance, 14 percent of the forest land. Estate planning can be an important element of an owner's forest plan (Dennis 1981). Other means of acquiring forest land are purchase from a relative and gifts. Nearly 12 percent of the forest land was purchased from relatives; only 2 percent was received as gifts.

Over half the private forest land was acquired after 1950 (table 10); an estimated three-quarters of the owners acquired their land during this time. Nearly 16 percent of the private forest land has been in the same ownership over 40 years.

The 7.8 million forest-land ownership units in the United States are a very diverse group. Quantifying that diversity is the first step to better understanding this important group of decisionmakers. Issues such as the effectiveness of current assistance programs and the availability of future timber supplies can now be addressed in a more quantitative context.

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Appendix



Crop
Reporting
Board

Economics, Statistics, &
Cooperatives Service

U.S. Department
of Agriculture

Washington, D.C.
20250

LAND OWNERSHIP SURVEY

Form Approved
OMB No. 40-S-77043
App. Exp. 9-30-78

001

Dear Land Owner:

The U. S. Department of Agriculture is conducting a national survey to develop better information on land ownership, land use, and investments to improve agricultural land.

It is important that responses to this survey relate to the ownership name and county name exactly as shown in the address label.

Please report for all the land that you own or have an ownership interest in for the specified county.

Response to this survey is voluntary and not required by law. However, cooperation is very important in order to estimate land ownership characteristics accurately for the United States. Facts about your report will be kept confidential and used only in combination with other reports for statistical purposes.

Respectfully,

Bruce M. Graham, Chairman
Crop Reporting Board

Did you own any land in the county listed in the label, January 1, 1978?

☐ YES, Continue.

☐ NO, Please sign and enter your phone number on the last page. Please return this questionnaire by mail as all non-respondents will be contacted by telephone or personal interviews to the extent possible. The mail response is the least expensive method of collecting information.

LAND INVENTORY

1. How many acres of land did you (the addressee) OWN or have an OWNERSHIP INTEREST in for the county listed in the address label, January 1, 1978? (Enter the acreage owned by each type of ownership listed).

	ACRES
A. Sole proprietor (individually owned).....	002
B. Family ownership (husband-wife). <i>Exclude</i> partnerships and corporations.....	003
C. Partnership with family members.....	004
Number of partners including yourself 005	006
D. Partnership with other than family members.....	007
E. Family corporation.....	
CHECK ONE { 10 or fewer stockholders 008 1	
{ More than 10 stockholders 008 2	009
F. Other Corporation.....	011
G. Other (Specify _____).....	012
H. Total land owned in specified county.....	

NOTE: The acreage entered as total land is the acreage to be referenced throughout the remainder of the questionnaire.

Whenever the term "you" is used for land information, respond for the addressee that is listed on the address label.

2. Did you PURCHASE or ACQUIRE any land in this county during 1975-76-77?..... ⁰¹³

1

 YES

2

 NO
3. Did you SELL or DISPOSE of any land in this county during 1975-76-77?..... ⁰¹⁴

1

 YES

2

 NO

4. HOW did you PURCHASE or ACQUIRE your land in the county? (Please enter the acreage by the appropriate source)

	ACRES
A. Purchase from non-relative.....	015
B. Purchase from relative.....	016
C. Inherited.....	017
D. Gift.....	018
E. Other (Specify _____).....	019
Total (Same as Item 1H)	021

5. WHEN did you PURCHASE or ACQUIRE the land you own in the county?
(Please enter the acres in the appropriate range of years listed below).

	ACRES
A. 1970 through January 1, 1978.....	022
B. 1960 through 1969.....	023
C. 1950 through 1959.....	024
D. 1940 through 1949.....	025
E. Prior to 1940.....	026
Total (Same as Item 1H)	027

6. Please give your best estimate of the MARKET VALUE of the land and improvements for your land in this county by the following uses:

A. Land in FARMS and RANCHES (Include cropland, pasture, woodland, wasteland and farmsteads)....ACRES	028	VALUE PER ACRE	029 \$
B. Land in RESIDENTIAL, COMMERCIAL, and similar urban-type uses.....TENTH OF ACRES	030	TOTAL VALUE	031 \$
C. All other land (non-farm, forest, idle, waste, etc.).....ACRES	032	VALUE PER ACRE	033 \$

7. How many units of land (tax parcels) are separately listed on your property tax bill for this county?.....NUMBER

034

8. Of the total land you own in this county (Item 1H),

- A. How much of this owned land did you OPERATE as a farm or ranch during 1977?
(If none, enter "0").....ACRES

035

- B. How much of this owned land did you RENT or LEASE TO others for all purposes during 1977?
(If none, enter "0" and skip to Item 9).....ACRES

036

- C. If you rented agricultural land to others during 1977, what TYPE OF LEASE did you have?

037-1

☐

Cash Lease

038-1

☐

Share Lease

039-1

☐

Other

(Specify)

9. In addition to the land you own, how much land in this county did you RENT or LEASE FROM others during 1977?
(If none, enter "0" and skip to Item 10).....ACRES

040

- A. How much of this rented land did you OPERATE
as a farm or ranch during 1977?
(If none, enter "0").....ACRES

041

- B. How much of this rented land did you RENT or
LEASE (SUBRENT) TO others during 1977?.....ACRES

042

10. Is any of your land in the county enrolled in a program that
permits a lower assessed valuation for tax purposes because it
is in an Agricultural or open space use? (Please check one)

043-1

☐

YES

043-2

☐

NO

043-3

☐

DON'T KNOW

11. Are any of the RIGHTS (oil, gas, coal, timber, etc.) to your
land in this county LEASED TO or OWNED BY someone else?
(Please check one)

044-1

☐

YES

044-2

☐

NO

044-3

☐

DON'T KNOW

12. Are any EASEMENTS (drainage, flood, waterway, major utility,
etc.), attached to the land you own in the county? (Exclude
water, electric, sewer, etc., to personal residence.) (Please check one)

045-1

☐

YES

045-2

☐

NO

045-3

☐

DON'T KNOW

13. Did you have CAPITAL EXPENDITURES during 1975-76-77 for any of the
following improvements on land you own in the county?
(Please check one box for each Item).

YES

NO

- A. Conservation projects such as terraces, grass
waterways, or gully control?.....

046

1	2
☐	☐

- B. Clearing of brush or woodland for
agricultural use?.....

047

1	2
☐	☐

- C. New or improved land drainage systems
including outlets?.....

048

1	2
☐	☐

14. Of the land you own in the county did you CONVERT any LAND TO
CROPLAND during 1975-76-77 that had not been recently cropped?

049-1

☐

YES

049-2

☐

NO

15. Of the land you OWN in the county, was any LAND IRRIGATED during the period 1975-76-77?

050-1

☐

YES

050-2

☐

NO

- A. If yes, was any of this land irrigated for the first time during this period?

051-1

☐

YES

051-2

☐

NO

16. Were there any changes during 1975-76-77 in the LAND MANAGEMENT PRACTICES on land you own in this county? (Please check one box for each item).

		YES	NO
		1	2
A. Abandoning irrigation systems?.....	052	☐	☐
		1	2
B. Stop using any land for crops that was used for crops in 1974?.....	053	☐	☐
		1	2
C. Removing wind breaks, farming across existing terraces or waterways, or discontinuing of strip farming?.....	054	☐	☐
		1	2
D. Other (Specify _____).....	056	☐	☐

17. How much land do you own in OTHER COUNTIES in the STATE where this county is located?

(Exclude acreage reported in this county).....ACRES

18. How much land do you own in OTHER STATES in the United States?

(Exclude acreage reported in this county and State)

19. Do you LIVE IN THE COUNTY listed in the address label? (Estates, corporations, partnerships, etc., answer for location of home office or headquarters).

059-1

☐

YES

☐

NO

If NO, where do you live? County

060-1

060-2

State

NOTE: CORPORATIONS, UNSETTLED ESTATES, and OTHER INSTITUTIONS should skip to page 7, enter the signature and telephone number of the person completing this questionnaire.

OWNER CHARACTERISTICS

NOTE: Respond for only ONE INDIVIDUAL for this section. This individual should be the PERSON LISTED ON THE ADDRESS LABEL. If more than one person is listed, respond for the person that makes the most decisions about the land.

Authority for collection of information on the following questions is Title 7, United States code, Section 2204. It will be used to compile and publish estimates of these data for States and the United States. Reporting of this information is voluntary, and there are no penalties for failing to report.

20. What was your PRINCIPAL OCCUPATION during 1977?

061

A. If farmer, did you work at an off-farm job 100 days or more during 1977?

062-1

☐ YES

062-2

☐ NO

21. What is your AGE?.....YEARS OLD

063

22. What is your SEX?.....

064-1

☐ MALE

064-2

☐ FEMALE

23. Please circle the highest number of years of school you have completed.

065

Less than 6, 7, 8

Elementary

9, 10, 11, 12

High School

13, 14, 15, 16, 17, 18 or more

College, Trade, or Technical School

24. What is your RACE? (Please check one)

066-1

☐ White, Not of Hispanic Origin

2

☐ Black, Not of Hispanic Origin

3

☐ Hispanic

4

☐ American Indian or Alaskan Native

5

☐ Asian or Pacific Islander

6

☐ Other (Specify _____)

25. What income range was your NET FARM income during 1977? (NET for our purpose is gross income minus operating expense and depreciation)
(Please check one)

NONE	☐	1	\$ 7,000 to \$ 9,999	☐	7
MORE than -\$10,000 Loss	☐	2	\$10,000 to \$14,999	☐	8
-\$3,001 to -\$ 9,999 Loss	☐	3	\$15,000 to \$19,999	☐	9
-\$1 to -\$ 3,000 Loss	☐	4	\$20,000 to \$24,999	☐	10
\$0 to \$ 2,999	☐	5	\$25,000 to \$49,999	☐	11
\$3,000 to \$ 6,999	☐	6	Over \$50,000	☐	12

Office Use

26. What income range was your NON-FARM income during 1977 for you and your dependents living in your home?

Include income such as.....Salaries, Wages, Retirement,
Social Security, Disability
Payments, Royalties, Dividends, etc.
...NON-FARM or business NET Income

(Please check one)

NONE	☐	1	\$ 7,000 to \$ 9,999	☐	7
MORE than -\$10,000 Loss	☐	2	\$10,000 to \$14,999	☐	8
-\$3,001 to -\$ 9,999 Loss	☐	3	\$15,000 to \$19,999	☐	9
-\$1 to -\$ 3,000 Loss	☐	4	\$20,000 to \$24,999	☐	10
\$0 to \$ 2,999	☐	5	\$25,000 to \$49,999	☐	11
\$3,000 to \$ 6,999	☐	6	Over \$50,000	☐	12

Office Use

27. How many dependents (including yourself) are living in your house?.....NUMBER

- A. How many dependents (including yourself) living in your house contribute towards the NON-FARM INCOME?.....NUMBER

28. Are you a citizen of the United States?

071-1

☐ YES

☐ NO In what nation is citizenship held?

NATION

Reported by _____ Date _____

Phone Number () _____
Area Code

The enclosed envelope does not require any postage.

Please return this questionnaire by mail as all non-respondents will be contacted by telephone or personal interview to the extent possible. The mail response is the least expensive method of collecting information.

Data Accuracy and Reliability

It is important to know the variation associated with estimates contained in this report. Since not every acre and every owner in the country were sampled, the data are estimates. When judging the effectiveness of the estimating procedures we are concerned with two important criteria. First, how accurate is the estimate; and second, how precise or reliable is the estimate? Accuracy is the difference between the sample result and a complete count or census using essentially the same definitions and procedures. We are chiefly interested in the accuracy of the sample but in most instances can only measure reliability.

To check the accuracy of the data we have compared our data with other studies and have had this report reviewed by outside experts. Beyond the search for accuracy, the reliability of the estimate is given by its sampling error. Sampling errors appear in tables 31 to 33 for several important categories. Since the sampling errors are presented in percentage terms they are equivalent to coefficients of variation (CV's) which express variation as a fraction of the mean. Sampling errors provide a means of evaluating survey results; the smaller the sampling error the greater the reliability of the estimate. A statistic with a sampling error of 10 percent is more reliable than one with a sampling error of 20 percent. If an item has a sampling error of 10 percent, chances are 2 out of 3 that an interval constructed to represent a range of 90 to 110 percent of the survey value would contain the true population value.

Since 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 country as a whole are more reliable (have the smallest sampling errors), followed by those for regions and subregions.

The inclusion of small forest parcels (fewer than 10 acres) in the study population substantially increases the sampling error for the estimated number of owners. The user of these data is cautioned that, as the average acreage per owner for a particular item decreases, the sampling error, expressed as a percentage of the estimates, increases drastically.

Comparisons With Other Studies

When a study such as this reaches completion there is a responsibility for the authors to compare results with previous and contemporary work. Do the data imply trends or match the conventional wisdom of the day? To the reader who has not explored the methodology of other studies and this study, the data may appear similar. Differences that are not easily observed, or cannot be discovered, because the studies were not adequately documented, could lead the reader to improper conclusions. For those readers who are lured into exploring this area some of the comparisons made by the authors are outlined.

This study, from a subset of the National Landownership Study, could be compared with population statistics from the Bureau of Census (Lewis 1980). Lewis concluded that users should rely more upon percent distributions than upon estimates of absolute number of owners in any particular category. The authors of this study concur with that conclusion.

The most recent published national estimates of forest-land owners are from 1953 (USDA Forest Service 1958). The 1953 data did not have estimates of owners of fewer than 3 acres in the East or fewer than 10 acres in the West. Therefore, direct comparisons of numbers of owners should not be made. The comparison of areas by broad size classes of ownership could be of some benefit if coupled with trend data by ownership group (Wall 1981).

Some regional ownership studies from secondary sources have been conducted since the latest national surveys. An example of this was Moyer and Daugherty 1976.

The studies conducted by the Northeastern Forest Experiment Station are comparable current studies (Kingsley and Finley 1975, Kingsley 1975, Kingsley 1976, Kingsley and Birch 1977, Birch and Kingsley 1978, Birch and Powell 1978, Kingsley and Birch 1980, and Birch and Dennis 1980). The results of this study and the Northeastern studies are similar in their distributions of numbers of owners and acreage by size class of ownership at the subregional level (e.g., Mid-Atlantic or New England). At the individual State level the similarity is not so apparent. Intensity of sampling is greater in the Northeast studies and differences could be explained by sampling errors. For those readers interested in State level data where a statewide study does not exist, there are two options: (1) contact USDA Economic Research Service, Natural Resource Economics Division, Raleigh, N.C., which maintains the data file for this study; and (2) use an apportioning technique in which proportions from the region are made on the basis of the area of commercial timberland in the State in question and in the remaining States in the region or subregion. For assistance in this task contact the authors.

It must also be noted that this study estimates that there were 333 million acres of private forest land in 1978. The 1980 Forest Service estimate of private commercial timberland for 1977 was 347 million acres. It is important to stress that the difference of 14 million acres (4 percent) does not imply that a change took place between 1977 and 1978. The definitions are slightly different and most of the area included under one definition would also be included under the other. Therefore the authors feel that the proportions from this study can be applied to the private commercial timberland base for resource planning purposes.

Definitions of Terms

Commercial timberland. Forest land producing or capable of producing crops of industrial wood (more than 20 cubic feet per acre per year) and not withdrawn from timber utilization.

Farmer-owned lands. Lands owned by farm operators, whether part of the farmstead or not. Excludes land leased by farm operators from nonfarm owners.

Forest industry lands. Lands owned by companies or individuals operating primary wood-using plants.

Forest land. Lands with at least a 25 percent tree canopy cover or lands at least 10 percent stocked by forest trees of any size, including land that formerly had such tree cover and that will be naturally or artificially reforested, such as lands clearcut or used for pine plantations. To be classified as forest land, a parcel must contain a contiguous area of at least 1 acre, and the area must be at least 100 feet wide.

Hardwoods. Dicotyledonous trees, usually broad-leaved and deciduous.

Miscellaneous private lands. Privately owned lands other than forest-industry and farmer-owned lands.

Ownership unit. Encompasses all types of legal entities having an ownership interest in land, regardless of the number of people involved. It is the locus of decisionmaking for each parcel, whether an individual (sole proprietor), group of individuals (partnership), or legal person (corporation).

Primary wood manufacturing plant. A plant that converts round timber into wood products such as woodpulp, lumber, veneer, cooperage, and dimension products.

Roundwood products. Logs, bolts, or other round timber generated by harvesting trees for industrial or consumer uses.

Softwoods. Coniferous trees, usually evergreen and having needles or scalelike leaves.

Trees. Woody plants that have well-developed stems and are usually more than 12 feet in height at maturity.

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

Type	North		South		Rocky Mountain		Pacific		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Sole proprietor	1,290	34.8	1,828	52.5	14	17.1	194	40.0	3,326	42.9
Family ownership (husband & wife)	1,939	52.2	1,201	34.5	61	74.4	266	54.9	3,467	44.7
Partnership with family member(s)	196	5.3	164	4.7	6	7.3	11	2.3	377	4.8
Partnership with nonfamily member(s)	81	2.2	22	.6	W	W	4	.8	107	1.4
Family corporation, 10 or fewer stockholders	10	.3	19	.6	W	W	2	.4	31	.4
Family corporation, 10 or more stockholders	1	W	3	.1	W	W	W	W	4	.1
Other corporation	121	3.2	70	2.0	1	1.2	7	1.4	199	2.5
Other	73	2.0	172	5.0	W	W	1	.2	246	3.2
Total	3,711	100.0	3,479	100.0	82	100.0	485	100.0	7,757	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Sole proprietor	35.2	28.0	55.2	33.9	3.2	21.6	3.3	11.1	96.9	29.1
Family ownership (husband & wife)	48.6	38.7	30.7	18.8	3.0	20.3	4.3	14.4	86.6	26.0
Partnership with family member(s)	9.8	7.8	15.3	9.4	1.6	10.8	1.7	5.7	28.4	8.5
Partnership with nonfamily member(s)	2.8	2.2	2.7	1.7	.3	2.0	1.6	5.4	7.4	2.2
Family corporation, 10 or fewer stockholders	1.8	1.4	3.9	2.4	1.3	8.8	1.0	3.4	8.0	2.4
Family corporation, 10 or more stockholders	.6	.5	2.0	1.2	.4	2.7	.6	2.0	3.6	1.1
Other corporation	23.0	18.3	45.7	28.1	4.7	31.8	16.1	54.0	89.5	26.9
Other	3.9	3.1	7.3	4.5	.3	2.0	1.2	4.0	12.7	3.8
Total	125.7	100.0	162.8	100.0	14.8	100.0	29.8	100.0	333.1	100.0
Private commercial timberland - 1980 Assessment.	135.7		170.3		14.6		26.2		346.8	

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 2.--Estimated number of private ownership units and acres of forest land owned, by owner's occupation and region, United States, 1978

Owner's occupation	North		South		Rocky Mountain		Pacific		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Farmer	159	4.3	343	9.9	9	11.0	9	1.8	520	6.7
Retired	820	22.1	812	23.3	2	2.4	131	27.0	1,765	22.7
White collar	1,253	33.7	698	20.1	43	52.5	191	39.4	2,185	28.2
Blue collar	880	23.7	718	20.6	18	21.9	57	11.8	1,673	21.6
Other	77	2.1	348	10.0	9	11.0	2	.4	436	5.6
Total, individuals	3,189	85.9	2,919	83.9	81	98.8	390	80.4	6,579	84.8
Corporate, large partnerships, estates	218	5.9	248	7.1	1	1.2	37	7.6	504	6.5
No answer	304	8.2	312	9.0	W	W	58	12.0	674	8.7
Total	3,711	100.0	3,479	100.0	82	100.0	485	100.0	7,757	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Farmer	22.6	18.0	23.3	14.3	5.8	39.2	2.6	8.7	54.3	16.3
Retired	19.4	15.4	25.0	15.4	.7	4.7	1.6	5.4	46.7	14.0
White collar	20.5	16.3	24.3	14.9	1.3	8.8	3.0	10.1	49.1	14.7
Blue collar	19.6	15.6	14.0	8.6	1.0	6.7	1.8	6.0	36.4	10.9
Other	4.1	3.3	7.1	4.4	.1	.7	.2	.7	11.5	3.5
Total, individuals	86.2	68.6	93.7	57.6	8.9	60.1	9.2	30.9	198.0	59.4
Corporate, large partnerships, estates	31.0	24.7	58.0	35.6	5.7	38.5	19.5	65.4	114.2	34.3
No answer	8.5	6.7	11.1	6.8	.2	1.4	1.1	3.7	20.9	6.3
Total	125.7	100.0	162.8	100.0	14.8	100.0	29.8	100.0	333.1	100.0

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 3.--Estimated number of private ownership units and acres of forest land owned,
by owner's age and region, United States, 1978

Owner's age	North		South		Rocky Mountain		Pacific		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Under 25 years	3	.1	5	.1	W	W	W	W	8	.1
25 - 29	239	6.4	83	2.4	W	W	23	4.7	345	4.4
30 - 34	366	9.9	139	4.0	2	2.4	35	7.2	542	7.0
35 - 39	273	7.3	289	8.3	11	13.4	31	6.4	604	7.8
40 - 44	132	3.6	217	6.2	9	11.0	27	5.6	385	5.0
45 - 49	534	14.4	300	8.6	29	35.4	53	10.9	916	11.8
50 - 54	341	9.2	287	8.3	17	20.8	29	6.0	674	8.7
55 - 59	422	11.4	368	10.6	8	9.8	75	15.5	873	11.2
60 - 64	279	7.5	225	6.5	1	1.2	13	2.7	518	6.7
65 - 69	333	9.0	339	9.7	1	1.2	53	10.9	726	9.4
70 - 74	111	3.0	340	9.8	1	1.2	17	3.5	469	6.0
75 plus	186	5.0	320	9.2	1	1.2	28	5.8	535	6.9
Other	218	5.9	248	7.1	1	1.2	37	7.6	504	6.5
No answer	274	7.3	319	9.2	1	1.2	64	13.2	658	8.5
Total	3,711	100.0	3,479	100.0	82	100.0	485	100.0	7,757	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Under 25 years	.5	.4	.3	.2	W	W	W	W	.8	.2
25 - 29	2.0	1.6	1.2	.7	W	W	.2	.7	3.4	1.0
30 - 34	4.3	3.4	2.7	1.7	.3	2.0	.2	.7	7.5	2.3
35 - 39	6.1	4.9	4.8	2.9	.5	3.4	.6	2.0	12.0	3.6
40 - 44	5.9	4.7	6.6	4.0	.6	4.1	.5	1.7	13.6	4.1
45 - 49	10.0	8.0	9.4	5.8	1.0	6.7	1.1	3.7	21.5	6.5
50 - 54	10.6	8.5	11.0	6.8	1.6	10.8	1.4	4.6	24.6	7.4
55 - 59	12.3	9.8	12.8	7.9	1.8	12.2	1.3	4.4	28.2	8.5
60 - 64	11.1	8.8	11.2	6.9	.6	4.1	.9	3.0	23.8	7.1
65 - 69	9.8	7.8	12.1	7.4	.8	5.4	1.1	3.7	23.8	7.1
70 - 74	6.6	5.3	9.6	5.9	.3	2.0	.5	1.7	17.0	5.1
75 plus	8.3	6.6	11.9	7.3	.5	3.4	1.3	4.4	22.0	6.6
Other	31.0	24.5	58.0	35.6	5.7	38.5	19.5	65.4	114.2	34.3
No answer	7.2	5.7	11.2	6.9	1.1	7.4	1.2	4.0	20.7	6.2
Total	125.7	100.0	162.8	100.0	14.8	100.0	29.8	100.0	333.1	100.0

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 4.--Estimated number of private ownership units and acres of forest land owned,
by owner's sex and region, United States, 1978

Owner's sex	North		South		Rocky Mountain		Pacific		Total	
	OWNERS									
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Male	2,920	78.7	2,207	63.5	69	84.2	403	83.1	5,599	72.2
Female	402	10.8	818	23.5	11	13.4	34	7.0	1,265	16.3
Corporate, large partnership, estates	218	5.9	248	7.1	1	1.2	37	7.6	504	6.5
No answer	171	4.6	206	5.9	1	1.2	11	2.3	389	5.0
Total	3,711	100.0	3,479	100.0	82	100.0	485	100.0	7,757	100.0
	ACRES OWNED									
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Male	77.7	61.8	77.8	47.8	7.8	52.7	8.1	27.2	171.4	51.5
Female	11.9	9.5	21.0	12.9	.4	2.7	1.7	5.7	35.0	10.5
Corporate, large partnership, estates	31.0	24.7	58.0	35.6	5.7	38.5	19.5	65.4	114.2	34.3
No answer	5.1	4.0	6.0	3.7	.9	6.1	.5	1.7	12.5	3.7
Total	125.7	100.0	162.8	100.0	14.8	100.0	29.8	100.0	333.1	100.0

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

Owner's race	North		South		Rocky Mountain		Pacific		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
White, not of Hispanic origin	3,229	87.0	2,642	76.0	80	97.6	378	77.9	6,329	81.6
Black, not of Hispanic origin	15	.4	297	8.5	-	-	-	-	312	4.1
Hispanic	11	.3	-	-	W	W	W	W	11	.1
American Indian or Alaskan Native	2	.1	9	.3	-	-	W	W	11	.1
Asian or Pacific Islander	W	W	W	W	-	-	55	11.4	55	.7
Other	W	W	W	W	-	-	-	-	W	W
Corporate, large partnership, estates	218	5.9	248	7.1	1	1.2	37	7.6	504	6.5
No answer	236	6.3	283	8.1	1	1.2	15	3.1	535	6.9
Total	3,711	100.0	3,479	100.0	82	100.0	485	100.0	7,757	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
White, not of Hispanic origin	88.8	70.6	91.6	56.3	8.1	54.7	9.1	30.6	197.6	59.3
Black, not of Hispanic origin	.3	.2	4.9	3.0	-	-	-	-	5.2	1.6
Hispanic	W	W	-	-	.1	.7	W	W	.1	W
American Indian or Alaskan Native	.2	.2	.5	.3	-	-	.2	.7	.9	.3
Asian or Pacific Islander	W	W	W	W	-	-	.1	.3	.1	W
Other	W	W	.1	.1	-	-	-	-	.1	W
Corporate, large partnership, estates	31.0	24.7	58.0	35.6	5.7	38.5	19.5	65.4	114.2	34.3
No answer	5.4	4.3	7.7	4.7	.9	6.1	.9	3.0	14.9	4.5
Total	125.7	100.0	162.8	100.0	14.8	100.0	29.8	100.0	333.1	100.0

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 6.--Estimated number of private ownership units and acres of forest land owned,
by owner's residence and region, United States, 1978

Owner's residence	North		South		Rocky Mountain		Pacific		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Live in County	3,177	85.6	2,860	82.2	25	30.5	288	59.4	6,350	81.9
Live in State	301	8.1	326	9.4	16	19.5	156	32.1	799	10.3
Live in different State	185	5.0	116	3.3	41	50.0	12	2.5	354	4.5
Live in different Country	W	W	1	W	-	-	-	-	1	W
No Answer	48	1.3	176	5.1	W	W	29	6.0	253	3.3
Total	3,711	100.0	3,479	100.0	82	100.0	485	100.0	7,757	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Live in County	83.9	66.7	90.3	55.5	8.2	55.4	11.8	39.6	194.2	58.3
Live in State	26.4	21.0	36.4	22.3	4.1	27.7	8.2	27.5	75.1	22.5
Live in different State	10.4	8.3	23.9	14.7	2.0	13.5	3.0	10.1	39.3	11.8
Live in different Country	.1	.1	.1	.1	-	-	-	-	.2	.1
No Answer	4.9	3.9	12.1	7.4	.5	3.4	6.8	22.8	24.3	7.3
Total	125.7	100.0	162.8	100.0	14.8	100.0	29.8	100.0	333.1	100.0

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 7.--Estimated number of private ownership units and acres of forest land owned,
by owner's education and region, United States, 1978

Owner's education	North		South		Rocky Mountain		Pacific		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Jr. high or less	588	15.8	890	25.6	2	2.4	30	6.2	1,510	19.5
Some high school	342	9.2	405	11.6	2	2.4	47	9.7	796	10.3
High school	1,435	38.7	716	20.6	10	12.2	93	19.2	2,254	29.1
Some college	236	6.4	333	9.6	31	37.9	63	13.0	663	8.5
College plus	512	13.8	384	11.0	35	42.7	134	27.6	1,065	13.7
Corp., large partnership, estates	218	5.9	248	7.1	1	1.2	37	7.6	504	6.5
No answer	380	10.2	503	14.5	1	1.2	81	16.7	965	12.4
Total	3,711	100.0	3,479	100.0	82	100.0	485	100.0	7,757	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Jr. high or less	19.9	15.8	19.6	12.1	1.2	8.1	1.0	3.4	41.7	12.5
Some high school	10.2	8.1	14.1	8.7	.9	6.1	1.1	3.7	26.3	7.9
High school	27.1	21.6	20.9	12.8	2.4	16.2	2.4	8.0	52.8	15.9
Some college	10.7	8.5	14.7	9.0	1.6	10.8	1.6	5.4	28.6	8.6
College plus	15.9	12.6	20.9	12.8	2.0	13.5	3.0	10.1	41.8	12.5
Corp., large partnership, estates	31.0	24.7	58.0	35.6	5.7	38.5	19.5	65.4	114.2	34.3
No answer	10.9	8.7	14.6	9.0	1.0	6.8	1.2	4.0	27.7	8.3
Total	125.7	100.0	162.8	100.0	14.8	100.0	29.8	100.0	333.1	100.0

Table 8.--Estimated number of private ownership units and acres of forest land owned,
by size class and region, United States, 1978

Size	North		South		Rocky Mountain		Pacific		Total	
OWNERS										
Acres	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
1-9	2,676	72.1	2,420	69.6	55	67.0	377	77.7	5,528	71.3
10-49	510	13.7	560	16.1	15	18.3	79	16.3	1,164	15.0
50-99	229	6.2	223	6.4	3	3.7	9	1.9	464	5.9
100-499	276	7.5	241	6.9	6	7.4	15	3.1	538	7.0
500-999	15	.4	22	.6	1	1.2	2	.4	40	.5
1000-9999	5	.1	12	.4	2	2.4	2	.4	21	.3
10,000+	W	W	1	W	W	W	1	.2	2	W
Total	3,711	100.0	3,479	100.0	82	100.0	485	100.0	7,757	100.0
ACRES OWNED										
Acres	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
1-9	5.1	4.0	5.0	3.1	.1	.7	.8	2.7	11.0	3.3
10-49	12.4	9.9	13.6	8.3	.4	2.7	1.7	5.7	28.1	8.4
50-99	16.5	13.1	15.6	9.6	.1	.7	.7	2.3	32.9	9.9
100-499	51.2	40.8	47.2	29.0	1.3	8.8	2.9	9.7	102.6	30.8
500-999	9.6	7.6	14.9	9.2	1.1	7.4	1.3	4.4	26.9	8.1
1000-9999	11.3	9.0	26.7	16.4	5.8	39.2	3.8	12.8	47.6	14.3
10,000+	19.6	15.6	39.8	24.4	6.0	40.5	18.6	62.4	84.0	25.2
Total	125.7	100.0	162.8	100.0	14.8	100.0	29.8	100.0	333.1	100.0

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 9.--Estimated number of private ownership units and acres of forest land owned,
by method of acquisition and region, United States, 1978

Method of acquisition	North		South		Rocky Mountain		Pacific		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Purchase from nonrelative	2,513	67.7	1,631	46.9	70	85.4	439	90.6	4,653	60.0
Purchase from relative	603	16.3	801	23.0	9	11.0	25	5.2	1,438	18.5
Inherited	250	6.7	534	15.3	W	W	4	.8	788	10.2
Gift	111	3.0	113	3.3	1	1.2	7	1.4	232	3.0
Other	58	1.6	74	2.1	W	W	7	1.4	139	1.8
No Answer	176	4.7	326	9.4	2	2.4	3	.6	507	6.5
Total	3,711	100.0	3,479	100.0	82	100.0	485	100.0	7,757	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Purchase from nonrelative	79.5	63.3	87.3	53.6	7.8	52.7	17.5	58.7	192.1	57.7
Purchase from relative	17.9	14.2	18.3	11.2	1.3	8.8	1.2	4.0	38.7	11.6
Inherited	16.1	12.8	29.1	17.9	1.0	6.7	1.1	3.7	47.3	14.2
Gift	2.2	1.8	2.9	1.8	.9	6.1	1.3	4.4	7.3	2.2
Other	1.8	1.4	3.8	2.3	1.6	10.8	1.3	4.4	8.5	2.5
No Answer	8.2	6.5	21.4	13.2	2.2	14.9	7.4	24.8	39.2	11.8
Total	125.7	100.0	162.8	100.0	14.8	100.0	29.8	100.0	333.1	100.0

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 10.--Estimated number of private ownership units and acres of forest land owned,
by date of acquisition and region, United States, 1978

Date of acquisition	North		South		Rocky Mountain		Pacific		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
1970 - 1978	1,389	37.4	1,036	29.8	22	26.8	249	51.3	2,696	34.8
1960 - 1969	1,133	30.5	820	23.6	43	52.5	134	27.6	2,130	27.5
1950 - 1959	427	11.5	545	15.7	8	9.8	29	6.0	1,009	13.0
1940 - 1949	399	10.8	341	9.8	6	7.3	16	3.3	762	9.8
Prior to 1940	279	7.5	350	10.0	2	2.4	16	3.3	647	8.3
No Answer	84	2.3	387	11.1	1	1.2	41	8.5	513	6.6
Total	3,711	100.0	3,479	100.0	82	100.0	485	100.0	7,757	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
1970 - 1978	31.2	24.8	32.4	19.9	4.2	28.4	4.6	15.4	72.4	21.7
1960 - 1969	30.8	24.5	28.6	17.6	2.1	14.2	4.5	15.1	66.0	19.8
1950 - 1959	20.3	16.1	25.5	15.7	2.0	13.5	3.7	12.4	51.5	15.5
1940 - 1949	13.8	11.0	16.9	10.4	1.6	10.8	3.1	10.4	35.4	10.6
Prior to 1940	20.1	16.0	23.7	14.5	3.2	21.6	5.3	17.8	52.3	15.7
No Answer	9.5	7.6	35.7	21.9	1.7	11.5	8.6	28.9	55.5	16.7
Total	125.7	100.0	162.8	100.0	14.8	100.0	29.8	100.0	333.1	100.0

Table 11.--Estimated number of private ownership units and acres of forest land owned, by type of ownership and subregion, Northern region, 1978

Type	Central		Lake States		Mid-Atlantic		New England		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Sole proprietor	328	44.2	255	44.3	508	29.4	199	29.8	1,290	34.8
Family ownership (husband & wife)	363	48.9	287	49.9	930	53.9	359	53.7	1,939	52.2
Partnership with family member(s)	22	3.0	21	3.7	137	7.9	16	2.4	196	5.3
Partnership with nonfamily member(s)	2	.3	3	.5	9	.5	67	10.0	81	2.2
Family corporation, 10 or fewer stockholders	2	.3	1	.2	5	.3	2	.3	10	.3
Family corporation, 10 or more stockholders	W	W	W	W	1	.1	W	W	1	W
Other corporation	12	1.6	5	.9	93	5.4	11	1.7	121	3.2
Other	13	1.7	3	.5	43	2.5	14	2.1	73	2.0
Total	742	100.0	575	100.0	1,726	100.0	668	100.0	3,711	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Sole proprietor	12.1	33.9	7.7	28.0	9.0	26.2	6.4	22.7	35.2	28.0
Family ownership (husband & wife)	16.0	44.8	11.4	41.4	13.0	37.9	8.2	29.1	48.6	38.7
Partnership with family member(s)	3.1	8.7	2.3	8.4	2.3	6.7	2.1	7.4	9.8	7.8
Partnership with nonfamily member(s)	.6	1.7	.5	1.8	1.1	3.2	.6	2.1	2.8	2.2
Family corporation, 10 or fewer stockholders	.5	1.4	.3	1.1	.6	1.8	.4	1.4	1.8	1.4
Family corporation, 10 or more stockholders	.1	.3	.1	.4	.3	.9	.1	.4	.6	.5
Other corporation	2.1	5.9	5.0	18.2	6.2	18.1	9.7	34.4	23.0	18.3
Other	1.2	3.3	.2	.7	1.8	5.2	.7	2.5	3.9	3.1
Total	35.7	100.0	27.5	100.0	34.3	100.0	28.2	100.0	125.7	100.0
Private commercial timberland - 1980 Assessment.	37.4		29.0		40.4		28.9		135.7	

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 12.--Estimated number of private ownership units and acres of forest land owned, by type of ownership and subregion, Southern region, 1978

Type	Central Gulf		East Gulf		South Atlantic		West Gulf		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Sole proprietor	508	60.6	319	62.6	663	48.1	338	45.0	1,828	52.5
Family ownership (husband & wife)	246	29.4	70	13.7	531	38.5	354	47.1	1,201	34.5
Partnership with family member(s)	31	3.7	17	3.3	79	5.7	37	4.9	164	4.7
Partnership with nonfamily member(s)	6	.7	9	1.8	6	.5	1	.1	22	.6
Family corporation, 10 or fewer stockholders	1	.1	W	W	17	1.2	1	.1	19	.6
Family corporation, 10 or more stockholders	1	.1	W	W	1	.1	1	.1	3	.1
Other corporation	37	4.4	5	1.0	21	1.5	7	1.0	70	2.0
Other	8	1.0	90	17.6	61	4.4	13	1.7	172	5.0
Total	838	100.0	510	100.0	1,379	100.0	752	100.0	3,479	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Sole proprietor	17.1	35.9	12.6	37.7	14.5	35.6	11.0	26.8	55.2	33.9
Family ownership (husband & wife)	11.4	24.0	3.3	9.9	8.9	21.8	7.1	17.3	30.7	18.8
Partnership with family member(s)	5.4	11.3	3.1	9.3	4.0	9.8	2.8	6.8	15.3	9.4
Partnership with nonfamily member(s)	.9	1.9	.3	.9	.7	1.7	.8	2.0	2.7	1.7
Family corporation, 10 or fewer stockholders	1.5	3.2	.9	2.7	.8	2.0	.7	1.7	3.9	2.4
Family corporation, 10 or more stockholders	.4	.8	.5	1.5	.3	.7	.8	2.0	2.0	1.2
Other corporation	8.8	18.5	11.4	34.1	9.6	23.5	15.9	38.8	45.7	28.1
Other	2.1	4.4	1.3	3.9	2.0	4.9	1.9	4.6	7.3	4.5
Total	47.6	100.0	33.4	100.0	40.8	100.0	41.0	100.0	162.8	100.0
Private commercial timberland - 1980 Assessment.	46.7		36.5		42.9		44.2		170.3	

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 13.--Estimated number of private ownership units and acres of forest land owned, by owner's occupation and subregion, Northern region, 1978

Owner's occupation	Central		Lake States		Mid-Atlantic		New England		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Farmer	74	10.0	30	5.2	36	2.1	19	2.8	159	4.3
Retired	224	30.2	127	22.1	403	23.3	66	9.9	820	22.1
White collar	116	15.6	107	18.6	759	44.0	271	40.6	1,253	33.7
Blue collar	207	27.9	238	41.4	222	12.9	213	31.9	880	23.7
Other	19	2.5	13	2.3	25	1.5	20	3.0	77	2.1
Total, individuals	640	86.2	515	89.6	1,445	83.8	589	88.2	3,189	85.9
Corporate, large partnerships, estates	25	3.4	33	5.7	137	7.9	23	3.4	218	5.9
No answer	77	10.4	27	4.7	144	8.3	56	8.4	304	8.2
Total	742	100.0	575	100.0	1,726	100.0	668	100.0	3,711	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Farmer	8.5	23.8	6.0	21.8	5.3	15.5	2.8	9.9	22.6	18.0
Retired	6.8	19.0	4.3	15.6	5.5	16.0	2.8	9.9	19.4	15.4
White collar	5.6	15.7	4.3	15.6	6.0	17.5	4.6	16.3	20.5	16.3
Blue collar	6.4	17.9	5.0	18.2	5.3	15.5	2.9	10.3	19.6	15.6
Other	1.6	4.5	.6	2.2	1.3	3.8	.6	2.1	4.1	3.3
Total, individuals	28.9	80.9	20.2	73.4	23.4	68.3	13.7	48.5	86.2	68.6
Corporate, large partnerships, estates	3.5	9.8	5.5	20.0	8.9	25.9	13.1	46.5	31.0	24.7
No answer	3.3	9.3	1.8	6.6	2.0	5.8	1.4	5.0	8.5	6.7
Total	35.7	100.0	27.5	100.0	34.3	100.0	28.2	100.0	125.7	100.0

Table 14.--Estimated number of private ownership units and acres of forest land owned, by owner's occupation and subregion, Southern region, 1978

Owner's occupation	Central Gulf		East Gulf		South Atlantic		West Gulf		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Farmer	66	7.9	32	6.3	174	12.6	71	9.4	343	9.9
Retired	226	27.0	81	15.9	194	14.1	311	41.4	812	23.3
White collar	185	22.1	84	16.5	314	22.8	115	15.3	698	20.1
Blue collar	177	21.1	45	8.8	340	24.6	156	20.7	718	20.6
Other	54	6.4	128	25.1	139	10.1	27	3.6	348	10.0
Total, individuals	708	84.5	370	72.6	1,161	84.2	680	90.4	2,919	83.9
Corporate, large partnerships, estates	50	6.0	95	18.6	83	6.0	20	2.7	248	7.1
No answer	80	9.5	45	8.8	135	9.8	52	6.9	312	9.0
Total	838	100.0	510	100.0	1,379	100.0	752	100.0	3,479	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Per
Farmer	7.2	15.1	4.7	14.1	7.1	17.4	4.3	10.5	23.3	14.3
Retired	9.9	20.8	3.9	11.7	5.7	14.0	5.5	13.4	25.0	15.4
White collar	7.8	16.4	4.4	13.2	6.8	16.7	5.3	12.9	24.3	14.9
Blue collar	5.6	11.8	1.5	4.5	3.9	9.5	3.0	7.3	14.0	8.6
Other	1.8	3.8	1.8	5.3	2.0	4.9	1.5	3.7	7.1	4.4
Total, individuals	32.3	67.9	16.3	48.8	25.5	62.5	19.6	47.8	93.7	57.6
Corporate, large partnerships, estates	12.3	25.8	14.2	42.5	12.8	31.4	18.7	45.6	58.0	35.6
No answer	3.0	6.3	2.9	8.7	2.5	6.1	2.7	6.6	11.1	6.8
Total	47.6	100.0	33.4	100.0	40.8	100.0	41.0	100.0	162.8	100.0

Table 15.--Estimated number of private ownership units and acres of forest land owned,
by owner's age and subregion, Northern region, 1978

Owner's age	Central		Lake States		Mid-Atlantic		New England		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Under 25 years	1	0.1	1	0.2	W	W	1	0.2	3	0.1
25 - 29	27	3.6	157	27.3	32	1.9	23	3.4	239	6.4
30 - 34	83	11.2	21	3.7	122	7.1	140	21.0	366	9.9
35 - 39	28	3.8	23	4.0	77	4.5	145	21.7	273	7.3
40 - 44	30	4.0	22	3.8	56	3.2	24	3.6	132	3.6
45 - 49	65	8.8	38	6.6	404	23.4	27	4.0	534	14.4
50 - 54	93	12.5	51	8.9	154	8.9	43	6.4	341	9.2
55 - 59	78	10.5	60	10.4	201	11.6	83	12.4	422	11.4
60 - 64	137	18.5	23	4.0	93	5.4	26	3.9	279	7.5
65 - 69	56	7.6	72	12.5	159	9.2	46	6.9	333	9.0
70 - 74	24	3.2	14	2.4	62	3.6	11	1.7	111	3.0
75 plus	41	5.5	31	5.4	81	4.7	33	5.0	186	5.0
Other	25	3.4	33	5.8	137	7.9	23	3.4	218	5.9
No answer	54	7.3	29	5.0	148	8.6	43	6.4	274	7.3
Total	742	100.0	575	100.0	1,726	100.0	668	100.0	3,711	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Under 25 years	0.2	0.6	0.2	0.7	W	W	0.1	0.4	0.5	0.4
25 - 29	.6	1.7	.7	2.5	0.5	1.5	.2	.7	2.0	1.6
30 - 34	1.3	3.7	1.0	3.6	1.3	3.8	.7	2.5	4.3	3.4
35 - 39	2.0	5.6	1.7	6.2	1.3	3.8	1.1	3.9	6.1	4.9
40 - 44	1.9	5.3	1.5	5.5	1.7	5.0	.8	2.8	5.9	4.7
45 - 49	2.9	8.1	2.4	8.7	3.5	10.2	1.2	4.3	10.0	8.0
50 - 54	3.6	10.1	2.5	9.1	2.4	7.0	2.1	7.4	10.6	8.5
55 - 59	4.3	12.0	2.6	9.5	3.4	9.9	2.0	7.1	12.3	9.8
60 - 64	4.3	12.0	2.2	8.0	2.9	8.5	1.7	6.0	11.1	8.8
65 - 69	3.1	8.7	2.2	8.0	2.5	7.3	2.0	7.1	9.8	7.8
70 - 74	2.1	5.9	1.5	5.5	1.9	5.5	1.1	3.9	6.6	5.3
75 plus	3.0	8.4	1.9	6.9	2.1	6.1	1.3	4.6	8.3	6.6
Other	3.5	9.8	5.5	20.0	8.9	25.9	13.1	46.5	31.0	24.5
No answer	2.9	8.1	1.6	5.8	1.9	5.5	.8	2.8	7.2	5.7
Total	35.7	100.0	27.5	100.0	34.3	100.0	28.2	100.0	125.7	100.0

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 16.--Estimated number of private ownership units and acres of forest land owned,
by owner's age and subregion, Southern region, 1978

Owner's age	Central Gulf		East Gulf		South Atlantic		West Gulf		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Under 25 years	W	W	1	0.2	3	0.2	1	0.1	5	0.1
25 - 29	34	4.1	1	.2	34	2.5	14	1.9	83	2.4
30 - 34	38	4.5	23	4.5	29	2.1	49	6.5	139	4.0
35 - 39	85	10.1	28	5.5	160	11.6	16	2.1	289	8.3
40 - 44	83	9.9	40	7.8	68	4.9	26	3.5	217	6.2
45 - 49	29	3.5	24	4.7	160	11.6	87	11.6	300	8.6
50 - 54	47	5.6	56	11.0	155	11.3	29	3.9	287	8.3
55 - 59	71	8.5	60	11.8	130	9.4	107	14.2	368	10.6
60 - 64	78	9.3	16	3.1	95	6.9	36	4.8	225	6.5
65 - 69	101	12.0	55	10.8	116	8.4	67	8.9	339	9.7
70 - 74	74	8.8	24	4.7	93	6.8	149	19.8	340	9.8
75 plus	57	6.8	62	12.2	120	8.7	81	10.8	320	9.2
Other	50	6.0	95	18.6	83	6.0	20	2.6	248	7.1
No answer	91	10.9	25	4.9	133	9.6	70	9.3	319	9.2
Total	838	100.0	510	100.0	1,379	100.0	752	100.0	3,479	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Under 25 years	W	W	0.1	0.3	0.2	0.5	W	W	0.3	0.2
25 - 29	0.4	0.8	.2	.6	.3	.7	0.3	0.7	1.2	.7
30 - 34	.7	1.5	.4	1.2	.6	1.5	1.0	2.4	2.7	1.7
35 - 39	1.5	3.2	1.0	3.0	1.4	3.4	.9	2.2	4.8	2.9
40 - 44	2.4	5.0	1.0	3.0	1.9	4.7	1.3	3.2	6.6	4.0
45 - 49	3.0	6.3	1.6	4.8	2.4	5.9	2.4	5.8	9.4	5.8
50 - 54	3.3	6.9	2.3	6.9	3.4	8.3	2.0	4.9	11.0	6.8
55 - 59	4.0	8.4	2.8	8.3	3.5	8.6	2.5	6.1	12.8	7.9
60 - 64	3.5	7.4	2.2	6.6	3.2	7.8	2.3	5.6	11.2	6.9
65 - 69	4.8	10.1	2.1	6.3	3.0	7.3	2.2	5.4	12.1	7.4
70 - 74	3.3	6.9	1.9	5.7	2.2	5.4	2.2	5.4	9.6	5.9
75 plus	4.7	9.9	1.6	4.8	3.1	7.6	2.5	6.1	11.9	7.3
Other	12.3	25.8	14.2	42.5	12.8	31.4	18.7	45.6	58.0	35.6
No answer	3.7	7.8	2.0	6.0	2.8	6.9	2.7	6.6	11.2	6.9
Total	47.6	100.0	33.4	100.0	40.8	100.0	41.0	100.0	162.8	100.0

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 17.--Estimated number of private ownership units and acres of forest land owned, by owner's sex and subregion, Northern region, 1978

Owner's sex	Central		Lake States		Mid-Atlantic		New England		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Male	579	78.0	472	82.1	1,355	78.5	514	77.0	2,920	78.7
Female	91	12.3	44	7.7	179	10.4	88	13.2	402	10.8
Corporate, large partnership, estates	25	3.4	33	5.7	137	7.9	23	3.4	218	5.9
No answer	47	6.3	26	4.5	55	3.2	43	6.4	171	4.6
Total	742	100.0	575	100.0	1,726	100.0	668	100.0	3,711	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Male	25.5	71.4	18.6	67.6	21.2	61.8	12.4	44.0	77.7	61.8
Female	4.9	13.7	2.0	7.3	3.0	8.7	2.0	7.1	11.9	9.5
Corporate, large partnership, estates	3.5	9.8	5.5	20.0	8.9	26.0	13.1	46.4	31.0	24.7
No answer	1.8	5.1	1.4	5.1	1.2	3.5	.7	2.5	5.1	4.0
Total	35.7	100.0	27.5	100.0	34.3	100.0	28.2	100.0	125.7	100.0

Table 18.--Estimated number of private ownership units and acres of forest land owned, by owner's sex and subregion, Southern region, 1978

Owner's sex	Central Gulf		East Gulf		South Atlantic		West Gulf		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Male	484	57.7	263	51.6	923	66.9	537	71.4	2,207	63.5
Female	238	28.4	151	29.6	289	21.0	140	18.6	818	23.5
Corporate, large partnership, estates	50	6.0	95	18.6	83	6.0	20	2.7	248	7.1
No answer	66	7.9	1	.2	84	6.1	55	7.3	206	5.9
Total	838	100.0	510	100.0	1,379	100.0	752	100.0	3,479	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Male	26.4	55.5	14.7	44.0	20.7	50.7	16.0	39.0	77.8	47.8
Female	6.9	14.5	4.0	12.0	5.8	14.2	4.3	10.5	21.0	12.9
Corporate, large partnership, estates	12.3	25.8	14.2	42.5	12.8	31.4	18.7	45.6	58.0	35.6
No answer	2.0	4.2	.5	1.5	1.5	3.7	2.0	4.9	6.0	3.7
Total	47.6	100.0	33.4	100.0	40.8	100.0	41.0	100.0	162.8	100.0

Table 19.--Estimated number of private ownership units and acres of forest land owned, by owner's race and subregion, Northern region, 1978

Owner's race	Central		Lake States		Mid-Atlantic		New England		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
White, not of Hispanic origin	668	90.0	510	88.7	1,464	84.8	587	87.9	3,229	87.0
Black, not of Hispanic origin	1	.1	2	.4	8	.5	4	.6	15	.4
Hispanic	-	-	-	-	-	-	11	1.7	11	.3
American Indian or Alaskan Native	W	W	1	.2	1	.1	-	-	2	.1
Asian or Pacific Islander	-	-	-	-	W	W	W	W	W	W
Other	-	-	-	-	-	-	W	W	W	W
Corporate, large partnership, estates	25	3.4	33	5.7	137	7.9	23	3.4	218	5.9
No answer	48	6.5	29	5.0	116	6.7	43	6.4	236	6.3
Total	742	100.0	575	100.0	1,726	100.0	668	100.0	3,711	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
White, not of Hispanic origin	30.3	84.9	20.5	74.5	23.9	69.7	14.1	50.0	88.8	70.6
Black, not of Hispanic origin	W	W	.1	.4	.1	.3	.1	.3	.3	.2
Hispanic	-	-	-	-	-	-	W	W	W	W
American Indian or Alaskan Native	.1	.3	.1	.4	W	W	-	-	.2	.2
Asian or Pacific Islander	-	-	-	-	W	W	W	W	W	W
Other	-	-	-	-	-	-	W	W	W	W
Corporate, large partnership, estates	3.5	9.8	5.5	20.0	8.9	25.9	13.1	46.5	31.0	24.7
No answer	1.8	5.0	1.3	4.7	1.4	4.1	.9	3.2	5.4	4.3
Total	35.7	100.0	27.5	100.0	34.3	100.0	28.2	100.0	125.7	100.0

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 20.--Estimated number of private ownership units and acres of forest land owned, by owner's race and subregion, Southern region, 1978

Owner's race	Central Gulf		East Gulf		South Atlantic		West Gulf		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
White, not of Hispanic origin	611	72.9	375	73.5	1,050	76.1	606	80.6	2,642	76.0
Black, not of Hispanic origin	94	11.2	17	3.4	114	8.3	72	9.6	297	8.5
Hispanic	-	-	-	-	-	-	-	-	-	-
American Indian or Alaskan Native	W	W	W	W	W	W	9	1.2	9	.3
Asian or Pacific Islander	-	-	-	-	-	-	W	W	W	W
Other	-	-	W	W	-	-	W	W	W	W
Corporate, large partnership, estates	50	6.0	95	18.6	83	6.0	20	2.6	248	7.1
No answer	83	9.9	23	4.5	132	9.6	45	6.0	283	8.1
Total	838	100.0	510	100.0	1,379	100.0	752	100.0	3,479	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
White, not of Hispanic origin	30.6	64.3	17.4	52.1	24.3	59.6	19.3	47.1	91.6	56.3
Black, not of Hispanic origin	2.1	4.4	.4	1.2	1.6	3.9	.8	1.9	4.9	3.0
Hispanic	-	-	-	-	-	-	-	-	-	-
American Indian or Alaskan Native	.1	.2	W	W	W	W	.4	1.0	.5	.3
Asian or Pacific Islander	-	-	-	-	-	-	W	W	W	W
Other	-	-	.1	.3	-	-	W	W	.1	.1
Corporate, large partnership, estates	12.3	25.8	14.2	42.5	12.8	31.4	18.7	45.6	58.0	35.6
No answer	2.5	5.3	1.3	3.9	2.1	5.1	1.8	4.4	7.7	4.7
Total	47.6	100.0	33.4	100.0	40.8	100.0	41.0	100.0	162.8	100.0

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 21.--Estimated number of private ownership units and acres of forest land owned,
by owner's residence and subregion, Northern region, 1978

Owner's residence	Central		Lake States		Mid-Atlantic		New England		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Live in County	672	90.6	494	85.9	1,550	89.8	461	69.0	3,177	85.6
Live in State	42	5.7	57	9.9	103	6.0	99	14.8	301	8.1
Live in different State	15	2.0	18	3.1	62	3.6	90	13.5	185	5.0
Live in different Country	W	W	W	W	W	W	-	-	W	W
No Answer	13	1.7	6	1.1	11	.6	18	2.7	48	1.3
Total	742	100.0	575	100.0	1,726	100.0	668	100.0	3,711	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Live in County	27.0	75.6	17.9	65.1	23.8	69.4	15.2	53.9	83.9	66.7
Live in State	5.3	14.9	5.6	20.4	5.7	16.6	9.8	34.7	26.4	21.0
Live in different State	1.5	4.2	3.2	11.6	3.0	8.8	2.7	9.6	10.4	8.3
Live in different Country	.1	.3	W	W	W	W	-	-	.1	.1
No Answer	1.8	5.0	.8	2.9	1.8	5.2	.5	1.8	4.9	3.9
Total	35.7	100.0	27.5	100.0	34.3	100.0	28.2	100.0	125.7	100.0

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 22.--Estimated number of private ownership units and acres of forest land owned,
by owner's residence and subregion, Southern region, 1978

Owner's residence	Central Gulf		East Gulf		South Atlantic		West Gulf		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Live In County	676	80.7	410	80.4	1,183	85.8	591	78.6	2,860	82.2
Live in State	52	6.2	76	14.9	133	9.6	65	8.6	326	9.4
Live in different State	22	2.6	24	4.7	19	1.4	51	6.8	116	3.3
Live in different Country	-	-	-	-	1	.1	-	-	1	W
No Answer	88	10.5	W	W	43	3.1	45	6.0	176	5.1
Total	838	100.0	510	100.0	1,379	100.0	752	100.0	3,479	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Live in County	29.9	62.8	16.9	50.6	25.1	61.5	18.4	44.9	90.3	55.5
Live in State	8.4	17.7	10.6	31.7	8.4	20.6	9.0	22.0	36.4	22.3
Live in different State	4.1	8.6	4.8	14.4	5.1	12.5	9.9	24.1	23.9	14.7
Live in different Country	-	-	-	-	.1	.2	-	-	.1	.1
No Answer	5.2	10.9	1.1	3.3	2.1	5.2	3.7	9.0	12.1	7.4
Total	47.6	100.0	33.4	100.0	40.8	100.0	41.0	100.0	162.8	100.0

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 23.--Estimated number of private ownership units and acres of forest land owned,
by owner's education and subregion, Northern region, 1978

Owner's education	Central		Lake States		Mid-Atlantic		New England		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Jr. high or less	262	35.3	101	17.6	170	9.9	55	8.2	588	15.8
Some high school	123	16.6	58	10.1	71	4.1	90	13.5	342	9.2
High school	194	26.1	201	35.0	844	48.9	196	29.3	1,435	38.7
Some college	27	3.6	67	11.6	85	4.9	57	8.5	236	6.4
College plus	46	6.2	70	12.2	207	12.0	189	28.3	512	13.8
Corp., large partnership, estates	25	3.4	33	5.7	137	7.9	23	3.5	218	5.9
No answer	65	8.8	45	7.8	212	12.3	58	8.7	380	10.2
Total	742	100.0	575	100.0	1,726	100.0	668	100.0	3,711	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Jr. high or less	7.9	22.1	4.9	17.8	5.1	14.9	2.0	7.1	19.9	15.8
Some high school	3.4	9.5	2.2	8.0	2.9	8.5	1.7	6.0	10.2	8.1
High school	9.4	26.4	6.5	23.6	7.7	22.4	3.5	12.4	27.1	21.6
Some college	2.9	8.1	2.5	9.1	3.1	9.0	2.2	7.8	10.7	8.5
College plus	4.7	13.2	3.4	12.4	3.9	11.4	3.9	13.8	15.9	12.6
Corp., large partnership, estates	3.5	9.8	5.5	20.0	8.9	25.9	13.1	46.5	31.0	24.7
No answer	3.9	10.9	2.5	9.1	2.7	7.9	1.8	6.4	10.9	8.7
Total	35.7	100.0	27.5	100.0	34.3	100.0	28.2	100.0	125.7	100.0

Table 24.--Estimated number of private ownership units and acres of forest land owned,
by owner's education and subregion, Southern region, 1978

Owner's education	Central Gulf		East Gulf		South Atlantic		West Gulf		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Jr. high or less	230	27.4	65	12.8	373	27.1	222	29.5	890	25.6
Some high school	70	8.4	80	15.7	165	12.0	90	12.0	405	11.6
High school	201	24.0	173	33.9	185	13.4	157	20.9	716	20.6
Some college	137	16.3	44	8.6	108	7.8	44	5.8	333	9.6
College plus	45	5.4	25	4.9	157	11.4	157	20.9	384	11.0
Corp., large partnership, estates	50	6.0	95	18.6	83	6.0	20	2.7	248	7.1
No answer	105	12.5	28	5.5	308	22.3	62	8.2	503	14.5
Total	838	100.0	510	100.0	1,379	100.0	752	100.0	3,479	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Jr. high or less	7.8	16.4	3.2	9.6	5.1	12.5	3.5	8.5	19.6	12.1
Some high school	3.7	7.8	3.5	10.5	4.3	10.5	2.6	6.3	14.1	8.7
High school	7.9	16.6	2.8	8.4	4.9	12.0	5.3	12.9	20.9	12.8
Some college	4.2	8.8	3.4	10.2	3.8	9.3	3.3	8.1	14.7	9.0
College plus	7.0	14.7	3.9	11.6	6.0	14.7	4.0	9.8	20.9	12.8
Corp., large partnership, estates	12.3	25.8	14.2	42.5	12.8	31.4	18.7	45.6	58.0	35.6
No answer	4.7	9.9	2.4	7.2	3.9	9.6	3.6	8.8	14.6	9.0
Total	47.6	100.0	33.4	100.0	40.8	100.0	41.0	100.0	162.8	100.0

Table 25.--Estimated number of private ownership units and acres of forest land owned,
by size class and subregion, Northern region, 1978

Size	Central		Lake States		Mid-Atlantic		New England		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Acres										
1-9	424	57.1	349	60.7	1,441	83.5	462	69.2	2,676	72.1
10-49	125	16.9	105	18.2	145	8.4	135	20.2	510	13.7
50-99	81	10.9	51	8.9	61	3.6	36	5.4	229	6.2
100-499	106	14.3	66	11.5	73	4.2	31	4.7	276	7.5
500-999	5	.7	3	.5	4	.2	3	.4	15	.4
1000-9999	1	.1	1	.2	2	.1	1	.1	5	.1
10,000+	W	W	W	W	W	W	W	W	W	W
Total	742	100.0	575	100.0	1,726	100.0	668	100.0	3,711	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Acres										
1-9	0.9	2.5	0.7	2.5	2.6	7.6	0.9	3.2	5.1	4.0
10-49	3.0	8.4	2.9	10.6	3.6	10.5	2.9	10.3	12.4	9.9
50-99	5.9	16.5	3.7	13.5	4.4	12.8	2.5	8.9	16.5	13.1
100-499	19.0	53.2	13.0	47.3	12.9	37.6	6.3	22.3	51.2	40.8
500-999	3.2	9.0	2.1	7.6	2.6	7.6	1.7	6.0	9.6	7.6
1000-9999	2.6	7.3	1.6	5.8	4.3	12.5	2.8	9.9	11.3	9.0
10,000+	1.1	3.1	3.5	12.7	3.9	11.4	11.1	39.4	19.6	15.6
Total	35.7	100.0	27.5	100.0	34.3	100.0	28.2	100.0	125.7	100.0

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 26.--Estimated number of private ownership units and acres of forest land owned,
by size class and subregion, Southern region, 1978

Size	Central Gulf		East Gulf		South Atlantic		West Gulf		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Acres										
1-9	512	61.1	349	68.4	1,037	75.2	522	69.4	2,420	69.6
10-49	152	18.1	88	17.2	190	13.7	130	17.3	560	16.1
50-99	75	9.0	27	5.3	77	5.6	44	5.8	223	6.4
100-499	89	10.6	38	7.5	66	4.9	48	6.4	241	6.9
500-999	6	.7	5	1.0	6	.4	5	.7	22	.6
1000-9999	4	.5	3	.6	3	.2	2	.3	12	.4
10,000+	W	W	W	W	W	W	1	.1	1	W
Total	838	100.0	510	100.0	1,379	100.0	752	100.0	3,479	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Acres										
1-9	1.1	2.3	0.9	2.7	2.1	5.1	0.9	2.2	5.0	3.1
10-49	3.9	8.2	2.0	6.0	4.4	10.8	3.3	8.1	13.6	8.3
50-99	5.3	11.1	1.9	5.7	5.3	13.0	3.1	7.6	15.6	9.6
100-499	16.6	34.9	8.3	24.8	12.7	31.1	9.6	23.4	47.2	29.0
500-999	4.2	8.8	3.5	10.5	3.7	9.1	3.5	8.5	14.9	9.2
1000-9999	8.0	16.8	6.7	20.1	6.2	15.2	5.8	14.1	26.7	16.4
10,000+	8.5	17.9	10.1	30.2	6.4	15.7	14.8	36.1	39.8	24.4
Total	47.6	100.0	33.4	100.0	40.8	100.0	41.0	100.0	162.8	100.0

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 27.--Estimated number of private ownership units and acres of forest land owned,
by method of acquisition and subregion, Northern region, 1978

Method of acqulsition	Central		Lake States		Mid-Atlantic		New England		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Purchase from nonrelative	392	52.8	425	73.9	1,225	71.0	471	70.5	2,513	67.7
Purchase from relative	230	31.0	78	13.6	190	11.0	105	15.7	603	16.3
Inherited	55	7.4	33	5.7	128	7.4	34	5.1	250	6.7
Gift	34	4.6	4	.7	35	2.0	38	5.7	111	3.0
Other	6	.8	6	1.0	44	2.6	2	.3	58	1.6
No Answer	25	3.4	29	5.1	104	6.0	18	2.7	176	4.7
Total	742	100.0	575	100.0	1,726	100.0	668	100.0	3,711	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Purchase from nonrelative	20.3	56.9	18.0	65.5	21.6	63.0	19.6	69.5	79.5	63.3
Purchase from relative	6.3	17.7	4.4	16.0	4.3	12.5	2.9	10.3	17.9	14.2
Inherited	5.4	15.1	2.5	9.1	4.3	12.5	3.9	13.8	16.1	12.8
Gift	.4	1.1	.5	1.8	.4	1.2	.9	3.2	2.2	1.8
Other	.5	1.4	.2	.7	1.0	2.9	.1	.4	1.8	1.4
No Answer	2.8	7.8	1.9	6.9	2.7	7.9	.8	2.8	8.2	6.5
Total	35.7	100.0	27.5	100.0	34.3	100.0	28.2	100.0	125.7	100.0

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 28.--Estimated number of private ownership units and acres of forest land owned,
by method of acquisition and subregion, Southern region, 1978

Method of acquisition	Central Gulf		East Gulf		South Atlantic		West Gulf		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
Purchase from nonrelative	430	51.3	363	71.2	468	33.9	370	49.2	1,631	46.9
Purchase from relative	140	16.7	52	10.2	455	33.0	154	20.5	801	23.0
Inherited	131	15.6	36	7.0	242	17.5	125	16.6	534	15.3
Gift	3	.4	6	1.2	48	3.5	56	7.4	113	3.3
Other	31	3.7	2	.4	38	2.8	3	.4	74	2.1
No Answer	103	12.3	51	10.0	128	9.3	44	5.9	326	9.4
Total	838	100.0	510	100.0	1,379	100.0	752	100.0	3,479	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
Purchase from nonrelative	22.0	46.2	20.6	61.7	20.5	50.2	24.2	59.0	87.3	53.6
Purchase from relative	7.1	14.9	2.8	8.4	4.9	12.0	3.5	8.5	18.3	11.2
Inherited	9.1	19.1	5.3	15.8	9.3	22.8	5.4	13.2	29.1	17.9
Gift	.8	1.7	.7	2.1	.6	1.5	.8	2.0	2.9	1.8
Other	.9	1.9	.9	2.7	1.3	3.2	.7	1.7	3.8	2.3
No Answer	7.7	16.2	3.1	9.3	4.2	10.3	6.4	15.6	21.4	13.2
Total	47.6	100.0	33.4	100.0	40.8	100.0	41.0	100.0	162.8	100.0

W-Fewer than 500 owners, less than 50,000 acres, or less than 0.05 percent.

Table 29.--Estimated number of private ownership units and acres of forest land owned,
by date of acquisition and subregion, Northern region, 1978

Date of acquisition	Central		Lake States		Mid-Atlantic		New England		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
1970 - 1978	373	50.3	268	46.6	469	27.2	279	41.8	1,389	37.4
1960 - 1969	140	18.9	110	19.1	631	36.6	252	37.8	1,133	30.5
1950 - 1959	141	19.0	68	11.8	171	9.9	47	7.0	427	11.5
1940 - 1949	45	6.0	96	16.7	199	11.5	59	8.8	399	10.8
Prior to 1940	26	3.5	25	4.4	212	12.3	16	2.4	279	7.5
No Answer	17	2.3	8	1.4	44	2.5	15	2.2	84	2.3
Total	742	100.0	575	100.0	1,726	100.0	668	100.0	3,711	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
1970 - 1978	11.1	31.1	7.2	26.2	7.5	21.9	5.4	19.1	31.2	24.8
1960 - 1969	8.3	23.3	7.1	25.8	8.9	25.9	6.5	23.1	30.8	24.5
1950 - 1959	6.5	18.2	4.0	14.5	6.0	17.5	3.8	13.5	20.3	16.1
1940 - 1949	4.5	12.6	2.8	10.2	3.5	10.2	3.0	10.6	13.8	11.0
Prior to 1940	3.4	9.5	4.0	14.5	5.8	16.9	6.9	24.5	20.1	16.0
No Answer	1.9	5.3	2.4	8.8	2.6	7.6	2.6	9.2	9.5	7.6
Total	35.7	100.0	27.5	100.0	34.3	100.0	28.2	100.0	125.7	100.0

Table 30.--Estimated number of private ownership units and acres of forest land owned,
by date of acquisition and subregion, Southern region, 1978

Date of acquisition	Central Gulf		East Gulf		South Atlantic		West Gulf		Total	
OWNERS										
	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent	Thousands	Percent
1970 - 1978	221	26.4	120	23.5	419	30.4	276	36.7	1,036	29.8
1960 - 1969	221	26.4	150	29.4	302	21.9	147	19.6	820	23.6
1950 - 1959	128	15.3	90	17.7	156	11.3	171	22.7	545	15.7
1940 - 1949	56	6.7	29	5.7	185	13.4	71	9.4	341	9.8
Prior to 1940	90	10.7	54	10.6	165	12.0	41	5.5	350	10.0
No Answer	122	14.5	67	13.1	152	11.0	46	6.1	387	11.1
Total	838	100.0	510	100.0	1,379	100.0	752	100.0	3,479	100.0
ACRES OWNED										
	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent	Millions	Percent
1970 - 1978	8.8	18.5	5.9	17.7	9.5	23.3	8.2	20.0	32.4	19.9
1960 - 1969	8.7	18.3	6.3	18.8	7.2	17.6	6.4	15.6	28.6	17.6
1950 - 1959	7.4	15.5	5.7	17.1	6.6	16.2	5.8	14.2	25.5	15.7
1940 - 1949	5.7	12.0	3.6	10.8	4.8	11.8	2.8	6.8	16.9	10.4
Prior to 1940	8.7	18.3	3.6	10.8	5.3	13.0	6.1	14.9	23.7	14.5
No Answer	8.3	17.4	8.3	24.8	7.4	18.1	11.7	28.5	35.7	21.9
Total	47.6	100.0	33.4	100.0	40.8	100.0	41.0	100.0	162.8	100.0

Table 31.--Sampling errors for type of ownership, owner's occupation, and size class of land owned, by region, United States, 1978

(In percent)

	North		South		Rocky Mountain		Pacific		Total	
	Owners	Acres	Owners	Acres	Owners	Acres	Owners	Acres	Owners	Acres
Table 1.										
Sole proprietor	14.4	2.2	8.8	1.5	47.3	20.2	27.9	10.5	7.6	1.4
Family ownership (husband & wife)	19.1	2.2	13.9	2.0	49.2	13.3	29.7	7.0	12.0	1.5
Partnership with family member(s)	62.0	4.5	23.6	3.2	78.0	41.4	68.3	10.7	33.9	3.4
Partnership with nonfamily member(s)	65.6	7.6	32.4	7.4	32.2	18.1	40.2	11.5	50.2	4.7
Family corporation	27.9	7.2	54.8	6.2	30.1	13.9	60.5	10.5	35.8	4.3
Other corporation	46.8	3.7	54.4	1.2	32.0	8.0	38.5	3.1	34.5	1.3
Other	33.6	10.0	39.5	4.6	90.2	28.0	54.2	16.9	30.2	4.4
Total	11.8	1.4	7.2	0.8	38.8	7.4	20.6	2.7	6.7	0.8

Table 2.

Farmer	17.7	2.7	24.6	2.3	67.9	16.3	29.4	9.0	17.1	2.3
Retired	18.5	3.0	13.9	2.5	22.0	18.0	36.6	16.7	11.0	1.9
White collar	30.1	3.7	16.1	2.2	67.5	23.6	33.0	7.9	18.3	2.1
Blue collar	14.0	2.8	15.5	3.1	46.2	26.1	42.2	14.0	10.0	2.2
Other	14.6	6.5	23.1	3.9	99.4	61.1	81.0	50.9	18.7	3.5
Corporate, large partnerships, estates	30.0	3.2	31.3	1.2	29.3	6.9	72.6	3.0	20.9	1.2
No answer	21.3	4.8	22.2	3.8	35.9	19.4	63.3	11.1	15.0	2.9

Table 8.

1-9 acres	14.4	7.8	7.0	4.7	40.8	42.8	19.5	12.0	7.7	4.3
10-49	4.4	4.0	4.5	3.3	40.6	31.1	13.0	10.2	3.1	2.5
50-99	3.3	3.3	3.0	2.8	61.1	49.6	12.4	9.4	2.2	2.2
100-499	2.2	1.7	2.1	1.8	19.9	13.1	11.4	8.9	1.5	1.2
500-999	5.3	5.1	2.7	2.8	32.7	35.1	22.0	20.4	2.9	2.9
1000-9999	5.7	5.5	3.5	2.3	13.4	14.7	11.8	8.8	2.9	2.6
10000 and over	5.3	4.1	1.1	2.5	25.9	8.8	7.0	3.1	2.9	1.4

Table 32.--Sampling errors for type of ownership, owner's occupation, and size class of land owned,
by subregion, Northern region, 1978

(In percent)

	Central		Lake States		Mid-Atlantic		New England	
	Owners	Acres	Owners	Acres	Owners	Acres	Owners	Acres
<u>Table 11.</u>								
Sole proprietor	32.9	3.0	25.4	3.7	24.8	5.1	25.9	6.6
Family ownership (husband & wife)	17.0	2.5	20.7	2.8	38.2	5.5	17.0	7.2
Partnership with family member(s)	15.2	7.1	13.9	11.7	88.5	5.8	28.2	11.5
Partnership with nonfamily member(s)	23.2	15.8	25.8	10.4	24.0	10.8	79.4	24.5
Family corporation	25.9	13.4	54.2	4.9	49.9	10.9	43.6	21.0
Other corporation	46.7	4.7	31.0	5.4	60.4	4.2	40.6	7.9
Other	40.6	14.6	54.7	27.3	50.5	9.6	77.6	48.8
Total	16.8	1.7	15.4	2.1	23.2	2.7	14.6	4.2

Table 13.

Farmer	36.3	3.6	9.2	5.8	15.4	5.9	24.2	9.2
Retired	38.6	4.2	31.5	4.5	29.2	7.3	23.6	7.8
White collar	28.4	3.4	26.1	4.1	48.5	9.6	26.5	9.5
Blue collar	35.6	3.6	27.7	4.4	19.4	5.3	27.9	12.3
Other	23.4	7.3	51.2	12.2	21.9	15.4	28.6	20.0
Corporate, large partnerships, estates	28.4	5.9	79.3	5.1	42.6	3.6	48.2	6.5
No answer	37.4	7.7	50.7	7.0	37.1	10.5	32.6	14.7

Table 25.

1-9	24.0	10.5	14.4	12.4	24.9	13.7	17.3	12.7
10-49	6.6	6.3	7.2	4.8	7.6	10.1	11.8	8.7
50-99	3.9	3.8	4.9	5.0	8.2	9.0	11.1	9.9
100-499	3.6	2.6	4.0	3.3	4.9	3.6	6.4	6.0
500-999	6.3	6.2	9.5	11.9	8.1	7.2	20.4	19.2
1000-9999	6.6	4.4	11.1	8.5	10.2	8.4	15.6	16.9
10000 and over	9.8	2.9	8.0	2.4	7.8	5.0	16.6	6.9

Table 33.--Sampling errors for type of ownership, owner's occupation, and size class of land owned, by subregion, Southern region, 1978

(In percent)

	Central Gulf		East Gulf		South Atlantic		West Gulf	
	Owners	Acres	Owners	Acres	Owners	Acres	Owners	Acres
Table 12.								
Sole proprietor	17.5	3.0	22.1	2.9	14.9	2.4	17.6	3.8
Family ownership (husband & wife)	21.6	3.2	28.0	5.0	22.7	3.0	28.6	5.0
Partnership with family member(s)	20.5	5.9	41.9	6.4	42.4	4.4	45.7	9.9
Partnership with nonfamily member(s)	53.3	12.9	70.2	11.9	32.6	14.2	18.3	15.3
Family corporation	26.6	12.7	24.8	6.9	67.9	7.3	41.7	16.5
Other corporation	92.8	2.4	30.9	2.2	77.5	3.1	48.7	2.1
Other	31.5	5.2	67.3	9.0	44.7	8.2	33.0	12.6
Total	13.2	1.7	18.8	1.6	12.0	1.5	16.0	1.9

Table 14.

Farmer	33.5	3.9	47.2	6.0	40.9	3.3	51.0	6.3
Retired	22.5	3.9	21.5	4.7	22.3	3.9	28.6	6.9
White collar	34.9	4.0	35.0	4.2	23.0	3.8	42.1	6.0
Blue collar	23.9	6.1	25.4	5.5	27.1	4.8	28.6	5.9
Other	46.7	8.4	46.4	7.1	33.6	5.5	36.1	10.7
Corporate, large partnerships, estates	68.7	2.5	63.4	2.0	41.7	2.7	28.5	2.4
No answer	43.9	9.4	41.4	6.3	38.7	5.0	42.0	7.8

Table 26.

1-9	13.6	11.5	19.6	12.5	10.9	7.1	15.5	7.6
10-49	7.9	5.1	11.0	5.3	7.3	4.7	11.3	10.0
50-99	6.3	5.9	4.2	5.0	4.7	4.3	6.6	6.1
100-499	4.0	3.1	4.6	4.3	3.4	2.5	5.0	5.1
500-999	5.1	5.5	4.6	4.9	4.2	4.2	7.6	7.2
1000-9999	6.3	4.4	6.2	3.9	6.7	3.9	9.0	5.9
10000 and over	4.1	2.5	4.6	1.7	6.4	3.6	5.2	1.7

